ATLANTIC CHESTNUT – LOT 3

275 CHESTNUT STREET
BROOKLYN, NEW YORK

Interim Remedial Measure Work Plan for Pedestrian Plaza Excavation

NYSDEC BCP Site Number: C224236
AKRF Project Number: 12184

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LIST OF ACRONYMS

Acronym	Definition
1,1-DCE	1,1-dichloroethylene
1,4-Dx	1,4-dioxane
ACM	asbestos-containing material
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
cis-1,2-DCE	cis-1,2-dichloroethylene
CVOC	chlorinated volatile organic compound
DER-10	Division of Environmental Remediation Technical Guide 10
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Accreditation Program
EPA	United States Environmental Protection Agency
EQuIS™	Environmental Quality Information System
ESA	Environmental Site Assessment
FER	Final Engineering Report
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
IRM	Interim Remedial Measure Work Plan
LBP	lead-based paint
mg/kg	milligrams per kilogram
MS	matrix spike
MSD	matrix spike duplicate
NGVD	National Geodetic Vertical Datum
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	polychlorinated biphenyl
PCE	tetrachloroethylene
P.E.	Professional Engineer
PFAS	per- and polyfluorinated substances
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	photoionization detector
QA	quality assurance
QAPP	Quality Assurance Project Plan
QC	quality control
QHHEA	Qualitative Human Health Exposure Assessment
QEP	Qualified Environmental Professional
RAWP	Remedial Action Work Plan
RE	Remedial Engineer
RI	Remedial Investigation

Acronym	Definition
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRSCO	Restricted Residential Soil Cleanup Objective
SOE	support of excavation
SVE	soil vapor extraction
SVOC	semivolatile organic compound
TAL	Target Analyte List
TCE	trichloroethylene
TOGS	Technical and Operational Guidance Series
trans-1,2-DCE	trans-1,2-dichloroethylene
UST	underground storage tank
µg/L	microgram per liter
$\mu g/m^3$	microgram per cubic meter
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	volatile organic compound

1.0 INTRODUCTION

This Interim Remedial Measure (IRM) Work Plan (IRMWP) has been prepared by AKRF, Inc. (AKRF) on behalf of Atlantic Chestnut Affordable Housing LLC (the "Volunteer") for the Atlantic Chestnut – Lot 3 site, located at 275 Chestnut Street in Brooklyn, New York, hereafter referred to as the "Site". The Site is identified on the New York City Tax Map as Brooklyn Tax Block 4143, Lot 3. Historically, Lot 1 encompassed the entirety of Block 4143, but was apportioned into three lots (Lots 1, 2, and 3) in 2016. A Site Location Map is provided as Figure 1.

Atlantic Chestnut Affordable Housing LLC entered into a Brownfield Cleanup Agreement (BCA) Index No. C224236-05-16 on May 26, 2016 with the New York State Department of Environmental Conservation (NYSDEC) as a Volunteer. A BCA amendment was submitted to the NYSDEC in August 2017 to document: (1) the change of address from 3301 Atlantic Avenue to 275 Chestnut Street, and (2) an acreage increase for the Site from 1.0475 acres to 1.2020 acres to support the redevelopment. The BCA amendment was executed on August 24, 2017. The current and former Brownfield Cleanup Program (BCP) Site boundaries are shown on Figure 2.

A Remedial Investigation (RI) was completed at the Site from December 2 to 14, 2016, and from November 6 to December 12, 2017 and an RI Report (RIR) was submitted to NYSDEC in December 2017. Based on an evaluation of the data and information from the RI, there is contaminated soil, groundwater, and soil vapor present at the Site, including: solvent-related volatile organic compounds (VOCs) and metals in soil; solvent-related VOCs in groundwater; and petroleum-, solvent-related, and refrigerant VOCs in soil vapor. Previous on-site investigations, summarized in Section 3.0, are sufficient to delineate the nature and extent of contamination at the Site.

To address the significant threat determination from NYSDEC for soil vapor, an IRM soil vapor extraction (SVE) system is currently operating at the Site to prevent off-site migration of contaminated vapors. The SVE system IRM is being employed until implementation of remedial actions under a forthcoming Remedial Action Work Plan (RAWP), currently anticipated to be submitted to NYSDEC for review in spring 2023.

This IRMWP has been prepared to enable remedial excavation of source material along the northern portion of the Site, called the Pedestrian Plaza (as shown on Figure 2), in conjunction with the ongoing remedial excavation at the north-adjacent property (Atlantic Chestnut – Lot 2 NYSDEC BCP Number: C224235) until the full remedy, including remedy of groundwater and soil vapor, if needed, can be implemented under the forthcoming RAWP. Once the remedial excavation contemplated in this IRMWP is complete, the excavation would be backfilled with several (10+) feet of clean material, without any hardscaping or concrete cap; therefore, there would be no obstructions if future well installation and piping was required in the forthcoming RAWP. Both sites are being remediated by the same Volunteer.

The Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP), provided as Appendices A and B, respectively, will be implemented during activities outlined in this IRMWP. The quality assurance/quality control (QA/QC) protocol detailed in the Quality Assurance Project Plan (QAPP), provided as Appendix C, will be strictly adhered to for the field work and sampling described in the following sections.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Description and Surrounding Land Use

The Site is composed of a concrete- and asphalt-paved vacant lot with a former loading dock on the central portion of the Site. The Site formerly consisted of a series of vacant, interconnected, fire-damaged factory buildings that were demolished by December 2016. A Site Plan is provided as Figure 2.

The surrounding area is developed primarily with residential, commercial, manufacturing, transportation, and industrial uses. The elevated J- and Z- Metropolitan Transit Authority subway tracks run along Fulton Street to the north and the Long Island Railroad tracks are located beneath Atlantic Avenue to the south.

2.2 Site Geology, Hydrogeology, and Subsurface Characteristics

The stratigraphy of the Site, from the surface down, generally consisted of fill comprising sand, silt, and gravel with varying amounts of concrete, brick, coal ash, clay, and asphalt up to 16 feet below grade, underlain by apparent native sand, gravel, clay, and silt to boring termination depths (up to 80 feet below grade). Bedrock was not encountered during previous investigations.

The Site lies at an elevation of approximately 37 to 41 feet above national geodetic vertical datum (NGVD), an approximate of mean sea level. Groundwater was encountered during previous investigations at depths ranging from approximately 7.5 to 8.7 feet above NGVD (approximately 32 feet below grade). Based on the well elevation surveys, shallow, intermediate, and deep groundwater aquifers flow in a generally southerly direction beneath the Site and surrounding area. Groundwater in this part of Brooklyn is not used as a potable source and there are no surface water bodies on or immediately adjacent to the Site.

2.3 Site History and Previous Owners

Historic records indicate that the Site was developed with residences and a road in 1887 and with industrial and manufacturing uses, including the Columbia Machine Works and Malleable Iron Company, the Columbia Cable and Electric Corporation, Blue Ridge Farms, Inc., and Chloe Foods Corp. between 1908 and 2012. Blue Ridge Farms, Inc. and Chloe Foods Corp. are listed on multiple federal and state databases, as discussed in Section 3.0. The Site was shown with a 10,000-gallon fuel oil tank in 1951 and 1980 and as a gasoline filling station between 1982 and 1988. Prior uses that appear to have led to Site contamination include blacksmithing and stamping, a brass foundry, woodworking, railroad operations, a machine shop, tank and engine rooms, an iron works, wire braiding, a gasoline filling station, and cable manufacturing. The Site has remained vacant since a July 2012 fire caused severe structural damage to the former Site buildings. Demolition of the Site buildings was completed between July and December 2016.

Past owners of Block 4143, Lot 1 include: Columbia Electric Realty, Inc. in 1980; Avnal, Inc. from 1980 to 1984; Blue Ridge Farms, Inc. from 1984 to 2004; 3301 Atlantic Avenue, LLC from 2004 to 2013; Sapphire Luxury Estates, LLC from 2013 to 2014; Atlantic Chestnut, LLC from 2014 to 2015; and Atlantic Chestnut Affordable Housing, LLC from 2015 to present. It is noted that Block 4143 formerly comprised Lot 1 but was subsequently divided into three lots (Lots 1, 2, and 3).

2.4 Proposed Development

The proposed development is still being finalized but will include affordable residential units. The ground floor may contain residential amenities and a lobby, and/or community facility space. As part of the development, the Pedestrian Plaza will connect Dinsmore Place to Euclid Avenue across the northern portion of the Site. The project will satisfy one of the objectives of the Cypress Hills Brownfield Opportunity Area.

3.0 PREVIOUS ENVIRONMENTAL REPORTS

Subsurface (Phase II) Investigation Report – Blue Ridge Farms, 3301 Atlantic Avenue, 84 Dinsmore Place, and 111 Dinsmore Place, Brooklyn, NY, AKRF, May 2001

AKRF conducted a Subsurface (Phase II) Investigation of a larger area including the Site in May 2001. At the time of this investigation, the Site was developed with food processing and storage buildings. The Subsurface (Phase II) Investigation included the performance of a geophysical survey across exterior portions of the Site and the advancement of four soil borings with the collection and analysis of soil and groundwater samples. The scope of the investigation was based on a December 2000 Phase I Environmental Site Assessment (ESA) of the Site by IVI Environmental, Inc.

Due to reinforced concrete across the Site, the geophysical survey was inconclusive. Soil consisted of fill material (brick, concrete, asphalt, clay, silt, sand, and gravel) up to 6 feet below grade, underlain by native soil (sand, gravel, silt, and clay) to depths of at least 16 feet below grade (terminal boring depth). Groundwater was encountered at approximately 32 feet below grade.

Petroleum-related VOCs and the semivolatile organic compound (SVOC) naphthalene were detected in the soil samples collected above NYSDEC Recommended Soil Cleanup Objectives listed in the NYSDEC Technical and Administrative Guidance Memorandum, the applicable soil cleanup objectives at the time of the investigation. Solvent and petroleum-related VOCs and metals were detected in the groundwater sample above Ambient the Guidance Values listed in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) Memo. VOCs were detected above TOGS standards in pre- and post-process water samples. Based on elevated photoionization detector (PID) detections and laboratory analytical data from the soil borings surrounding the on-site tank system, Spill No. 0101620 was assigned to the historic address 3301 Atlantic Avenue.

AKRF recommended preparation of a work plan to be submitted to the NYSDEC to further delineate, excavate, and dispose of petroleum-contaminated soil at the Site to close Spill No. 0101620.

Phase I ESA Report – 3301 Atlantic Avenue, 3238 Fulton Street, 226-296 Euclid Avenue, and 215-279 Chestnut Street, Brooklyn, NY, Property Solutions, Inc., June 2010

Property Solutions, Inc. (PSI) conducted a Phase I ESA of a larger area including the Site in April 2014. The Phase I ESA identified historical uses including: a machine and iron works facility, an electrical cable manufacturer, and a food processing plant; records indicating that five underground storage tanks (USTs) were previously located at 3301 Atlantic Avenue, a historic address encompassing current BCP Site Nos. C224234, C224235, and C224236; and Historic Recognized Environmental Conditions including listing in the Leaking UST and Spills databases. PSI recommended conducting a subsurface investigation, including a geophysical survey, to investigate the potential impacts associated with historic operations and fuel oil storage.

Asbestos Investigation and Bulk Sample/Laboratory Analysis – 3301 Atlantic Avenue, Brooklyn, NY, Safety Environmental, Co. of NY, Inc., July 2013

Safety Environmental, Co. of NY, Inc. (Safety) conducted an asbestos survey of the buildings located on the northern portion of the Site and north-adjacent to the Site in July 2013. A total of 131 samples were collected for laboratory analysis from on- and off-site portions of the buildings. Asbestos-containing material (ACM) was identified within the building at the following locations: boiler No. 4 door insulation, boiler No. 3 caulking, first floor pipe insulation, roof transite shingles, roof membranes, roof flashing, and roof vent membranes. Based on AKRF's inspections of BCP Site Nos. C224234, C224235, and C224236 prior to building demolition, it is noted that the boilers were formerly located on the northwestern portion of BCP Site No. C224234. It is unknown how many ACM samples were collected at the Site vs. the adjacent BCP sites. Safety recommended removal of all ACM prior to demolition of the buildings.

Phase I ESA Report – 3301 Atlantic Avenue (Block 4143, Lot 1), Brooklyn, NY, Legette, Brashears, & Graham, Inc., March 2014

Legette, Brashears, & Graham, Inc. (LBG) conducted a Phase I ESA of the Site and the north-adjoining area in April 2014. The Phase I ESA identified RECs associated with former uses, including: blacksmithing and stamping, a machine and iron works shop, an electric cable manufacturer, a gasoline filling station, and listings in the Spills database. The report noted the following de Minimis conditions: nearby hazardous materials/waste storage, use, or releases; and the potential presence of ACM, lead-based paint (LBP), and fluorescent lighting. LBG recommended that any contaminated soil discovered during redevelopment of the Site should be handled according to applicable federal, state, and local regulations.

Chain of Title Summary Report – 3301 Atlantic Avenue and 242 Chestnut Street, Brooklyn, NY, Phipps Houses, 2015

A Chain of Title Summary Report was compiled by Phipps Houses that outlined ownership of the Site and north-adjoining (BCP Site Nos. C224234 and C224235) and nearby properties between 2004 and 2015. The report showed the transfer of ownership from Blue Ridge Farms, Inc. to 3301 Atlantic Avenue, LLC in May 2004; from 3301 Atlantic Avenue, LLC to Sapphire Luxury Estates, LLC in July 2013; a foreclosure and sale judgment for the Site and north-adjacent properties to be sold at public auction in September 2013; and an agreement for assignment of rights and claims from Blue Ridge Farms, Inc. to 3301 Atlantic Partners, LLC in March 2014.

Phase I ESA Report – 3301 Atlantic Avenue and 242 Chestnut Street, Brooklyn, NY, AKRF, September 2015

AKRF conducted a Phase I ESA of a larger area including the Site in September 2015. The Phase I ESA identified the following:

- Historic on-site industrial operations, including the Columbia Machine Works and Malleable Iron Company, and the Columbia Cable and Electric Corporation. Undocumented releases from historic industrial uses may have affected subsurface conditions at the Site.
- The address 3301 Atlantic Avenue was formerly associated with the entirety of Block 4143. At the time of the Phase I ESA, 3301 Atlantic Avenue was listed in the following databases: NYSDEC Petroleum Bulk Storage database for the storage of several USTs and aboveground storage tanks; Comprehensive Environmental Response, Compensation, and Liability Information System; Chemical Bulk Storage; Spill database; Toxic Release Inventory System; and Air Discharge databases. These listings may have been related to the Site and/or north-adjacent property(ies).
- The former interconnected factory buildings on the northeastern portion of the Site and the north-adjacent properties (BCP Sites No. C22434 and C224235) were damaged by a fire in 2012. Abundant debris, including metal, wood, and ash were observed throughout the buildings during the Site inspection. Based on the documented storage of petroleum and chemicals, the report noted that undocumented discharges due to the fire may have affected subsurface conditions at the Site, including high concentrations of metals and SVOCs in the ash.
- Two July 2013 Asbestos Reports identified ACM throughout the buildings' interiors and on exterior built-up roofing materials. Interior and exterior building materials were observed to be in fair to poor condition, with the majority of the northeastern portion of the Site buildings damaged by fire. Observed painted surfaces were generally in fair to poor condition. Based on the age of the Site buildings, the report noted that LBP may have been present and the fluorescent lighting fixtures and remaining electrical equipment may have contained mercury and/or polychlorinated biphenyls (PCBs). No evidence of leaks or stains from these fixtures and equipment was observed; however, it was noted that releases may have occurred during the fire that were not able to be investigated due to inaccessibility and/or debris throughout the Site buildings.

AKRF recommended a Subsurface (Phase II) Investigation to characterize subsurface conditions of soil, groundwater, and soil vapor throughout the Site and BCP Site Nos. 224234 and 224235 prior to redevelopment.

Subsurface (Phase II) Investigation Report – 3301 Atlantic Avenue, Brooklyn, NY, AKRF, January 2016

AKRF conducted a Subsurface (Phase II) Investigation at the Site in December 2015. The investigation included: the advancement of three soil borings with the collection and laboratory analysis of six soil samples; the installation of two temporary, one-inch diameter groundwater monitoring wells at two of the boring locations with the collection and laboratory analysis of two groundwater samples; and the installation of two temporary soil vapor points with the collection and laboratory analysis of two soil vapor samples. An ambient air sample was collected from the northern portion of Block 4143 for comparison and QA/QC purposes.

Historic fill materials (including sand, gravel, silt, clay, ash, concrete, brick, and asphalt) were observed from just below the surface to approximately three feet below grade within the soil borings, underlain by apparent native sand, clay, and gravel to termination depths. PID readings were not detected in the soil borings advanced during the investigation.

No free phase product was detected in either of the monitoring wells during the sampling event. A slight sheen was observed on the groundwater in monitoring well L3-SI-MW-1 during sampling. Results of the soil sample analysis were as follows:

- The VOC cis-1,2-dichlroroethylene (cis-1,2-DCE) was detected in soil sample L3-SI-SB-4 (14-15) at a concentration above its Unrestricted Use Soil Cleanup Objective (UUSCO), but below its Restricted Residential Soil Cleanup Objective (RRSCO). Trichloroethylene (TCE) was detected in soil samples L3-SI-SB-1 (0-2) and L3-SI-SB-4 (14-15) at concentrations exceeding its UUSCO and RRSCO. TCE is a chlorinated solvent, which was likely used during historic operations at the Site and cis-1,2-DCE is a breakdown compound of TCE.
- Zinc was detected in soil sample L3-SI-SB-4 (0-2) at a concentration exceeding its UUSCO, but below its RRSCO. This metal detection is likely related to historic filling and/or historic operations at the Site.
- PCBs were not detected above laboratory reporting limits, and SVOCs and pesticides were not detected above applicable standards in any of the soil samples analyzed.

Results of the groundwater sample analyses were as follows:

- The VOCs trans-1,2-dichloroethylene (trans-1,2-DCE) and vinyl chloride were detected in groundwater sample L3-SI-GW-1 at concentrations above their respective TOGS standard. TCE was detected in both groundwater samples (L3-SI-GW-1 and L3-SI-GW-4) at concentrations above its NYSDEC Ambient Water Quality Standards. The detection of TCE is likely related to historic operations at the Site and the presence of trans-1,2-DCE is a breakdown compound.
- The SVOCs benzo(a)anthracene and chrysene were detected in groundwater sample L3-SI-GW-1 at estimated concentrations above their respective TOGS standards. However, these detections were likely related to sediment entrained in the sample and not necessarily indicative of groundwater conditions at the Site.
- Nickel was detected in unfiltered groundwater sample L3-SI-GW-4 at a concentration exceeding its TOGS standard. Sodium was detected in both of the unfiltered groundwater samples L3-SI-GW-1 and L3-SI-GW-4 at concentrations above its TOGS standard. Sodium was also detected in the filtered groundwater samples L3-SI-GW-1 and L3-SI-GW-4 in concentrations above its TOGS standard.
- PCBs and pesticides were not detected above laboratory reporting limits in any of the groundwater samples analyzed.

Results of the soil vapor sample analyses were as follows:

- Petroleum-related compounds were detected in each of the soil vapor samples at individual concentrations up to 422 micrograms per cubic meter ($\mu g/m^3$). Solvent-related compounds were detected at individual concentrations up to 9,190 $\mu g/m^3$. According to the New York State Department of Health (NYSDOH) Soil Vapor/Indoor Air Matrix 1, the applicable matrix for TCE, sub-slab soil vapor concentrations of 250 $\mu g/m^3$ and above resulted in a "mitigate action", even if the indoor air concentration is less than 0.25 $\mu g/m^3$. Tetrachloroethylene (PCE) and TCE are chlorinated solvents, which were likely used during historic operations at the Site.

The Subsurface (Phase II) Investigation Report concluded that there was solvent-related contamination in soil, groundwater, and soil vapor and petroleum-related contamination in soil vapor present at the Site. These detections appeared to be related to historic use at the Site.

BCA Amendment Application – 275 Chestnut Street, Brooklyn, NY, AKRF, Inc., July 2017

AKRF prepared a BCA Amendment Application for the Site in July 2017 to document the change of address from 3301 Atlantic Avenue to 275 Chestnut Street, as filed with the New York City Department of Buildings; and to document the alteration of the northern property boundary, resulting in an acreage increase from 1.0475 acres to 1.2020 acres. The BCA Amendment was filed on October 23, 2017.

Remedial Investigation Report – 275 Chestnut Street, Brooklyn, NY, AKRF, December 2017

AKRF conducted an RI at the Site from December 2 to 14, 2016, and from November 6 to December 12, 2017. The scope of the RI was based on a November 2016 Remedial Investigation Work Plan (RIWP) and a November 2017 Supplemental RIWP, and included: the performance of a geophysical survey and utility mark-outs; the advancement of 36 soil borings across the Site and collection of 130 soil samples for chemical analysis from the soil borings to evaluate soil quality; the installation of 11 permanent 2-inch diameter groundwater monitoring wells and 7 permanent 2-inch diameter nested groundwater monitoring wells and collection of 32 groundwater samples for chemical analysis from the monitoring wells to evaluate groundwater quality; the installation of 7 temporary soil vapor probes across the Site and collection of 7 soil vapor samples and 1 ambient air sample for chemical analysis; and the survey of groundwater monitoring well elevations on the Site and north-adjacent lots [Atlantic Chestnut – Lot 1 (BCP Site No. C224234 and Atlantic Chestnut – Lot 2 (BCP Site No. C224235)] to develop groundwater contour maps and determine groundwater flow beneath the Site and surrounding area.

The RI was conducted in two phases: in December 2016 and between November and December 2017. The goal of the first phase of the RI was to determine the extent of soil, groundwater, and soil vapor contamination identified during AKRF's December 2016 Subsurface (Phase II) Investigation. The second phase of the RI was conducted to further horizontally and vertically delineate soil and groundwater contamination identified during the first phase of the RI, to investigate the presence of the emerging contaminants 1,4-dioxane (1,4-Dx), perfluorooctanoic acid, and perfluorooctanoic sulfonate in shallow, intermediate, and deep groundwater across the Site, and to aid in the design of the remedy. Based on the RI results, the primary contaminants of concern at the Site include chlorinated VOCs (CVOCs), specifically TCE and its breakdown compounds 1,1-dichloroethylene (1,1-DCE), cis-1,2-DCE, and trans-1,2-DCE in soil; TCE and PCE, and their associated breakdown compounds vinyl chloride, 1,1-DCE, cis-1,2-DCE, and trans-1,2-DCE in groundwater; and TCE and PCE in soil vapor.

The CVOCs detected in soil above UUSCOs, RRSCOs, and/or Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) were mostly found in the northern portion of the Site, with the greatest concentrations of TCE at borings L3-SRI-SB-16 [383 milligrams per kilogram (mg/kg)] and L3-SRI-SB-17 (351 mg/kg) from 4 to 5 feet below grade. TCE was also detected above UUSCOs and PGWSCOs in the southwestern portion of the Site at L3-RI-SB-6 (5.47 mg/kg) from 12 to 13 feet below grade. The TCE contamination on the northern portion of the Site extends vertically down to 7 to 13 feet below grade except at L3-SRI-SB-2, where the contamination extends down to 25 feet below grade, and L3-RI-SB-2 and L3-RI-SB-3 where it extends down to the shallow groundwater table. The greatest concentrations of 1,1-DCE,

cis-1,2-DCE, and trans-1,2-DCE were found at soil borings L3-SRI-SB-15 and L3-SRI-SB-16, also located in the northern portion of the Site. In addition to the CVOCs, several metals, including copper, lead, hexavalent chromium, and zinc are present in soil across the Site at concentrations above UUSCOs. Mercury was detected in one shallow sample on the western portion of the Site above its UUSCO and RRSCO. These exceedances are most likely attributable to historic filling, undocumented discharges due to a fire in 2012, and/or historic operations at the Site.

The vertical and horizontal extent of CVOCs in groundwater is consistent with a Site-specific groundwater flow to the south and southwest, and the concentrations of CVOCs in soil. The greatest concentrations of TCE in the shallow groundwater were found on the north-central portion of the Site; specifically, at L3-RI-MW-2 [1,070 micrograms per Liter (µg/L)] and L3-SRI-MW-10 (408 µg/L), with lesser concentrations on the western and southwestern portion of the Site ranging from 89.7 µg/L (L3-RI-MW-4) to 322 µg/L (L3-SRI-MW-7). TCE concentrations decrease significantly vertically and horizontally moving southeast across the Site. PCE was detected slightly above their respective TOGS standards in the shallow groundwater at L3-RI-MW-1 (6.4 µg/L) and L3-RI-MW-2 (5.2 µg/L) in the northern and western portions of the Site. TCE breakdown compounds, including 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride were detected above their respective TOGS standards in shallow groundwater samples collected from wells L3-RI-MW-6 and L3-SRI-MW-7, and in the intermediate groundwater sample collected from L3-SRI-MW-6, which are located on the southern portion of the Site close to the in-situ chemical oxidation injection points associated with closed Spill Nos. 8805745 and 0101620. The elevated detections of breakdown compounds are likely breakdown compounds related to the partial treatment of CVOCs from the in-situ chemical oxidation program that was conducted to remediate the petroleum spills.

Elevated concentrations of TCE and PCE were detected in each of the soil vapor samples collected along the eastern, southern, and western Site boundaries. The highest concentrations of TCE and PCE were 7,690 µg/m^3 (L3-RI-SV-5) and 8,070 µg/m^3 (L3-RI-SV-4) collected from the southeastern and southwestern Site boundaries, respectively. Cis-1,2-dichloroethylene was detected at 1,150 µg/m^3 (L3-RI-SV-6) on the southwestern portion of the Site. In addition, the refrigerants trichlorofluoromethane and diclorodifluoromethane were detected in several soil vapor samples across the Site, with the highest concentrations on the northwestern portion of the Site (323 µg/m^3 of diclorodifluoromethane) at the location of the former Chloe Foods cold storage room.

Interim Remedial Measure Work Plan – Atlantic Chestnut – Lot 3, 275 Chestnut Street, Brooklyn, New York, AKRF, Inc., August 2018

AKRF prepared an IRMWP in August 2018. The IRMWP was prepared to address the potential for off-site migration of soil vapor until the selected remedy is implemented under a NYSDEC-approved RAWP. The IRMWP was approved by NYSDEC in August 2018.

Construction Completion Report – Atlantic Chestnut – Lots 1, 2, and 3, 250 Euclid Avenue, 254 Euclid Avenue, and 275 Chestnut Street, AKRF, August 2022

AKRF installed and operated an aboveground soil vapor extraction system at the Site and two south-adjoining sites (Atlantic Chestnut – Lot 2; BCP Site C224235 and Atlantic Chestnut – Lot 3; C224236) to prevent the off-site migration of contaminated soil vapor until it could be addressed under NYSDEC approved RAWPs. The report detailed pilot testing, design, installation, and operation, maintenance, and monitoring (OM&M) of the systems; and included OM&M Plans as attachments. The associated Construction Completion Report (CCR) was approved in October 2022.

4.0 OCTOBER 2022 SUPPLEMENTAL INVESTIGATION - SOIL SAMPLING

To further refine the conceptual model of Site contamination presented in Section 4.1 and assist with design of the remedial excavation prior to implementation of this IRMWP, AKRF conducted additional soil sampling via soil borings on October 12 and 13, 2022. The work included the advancement of four soil borings with continuous soil sampling to the groundwater table with the laboratory analysis of 32 soil samples. The locations of these soil borings are shown on Figure 3.

4.1 Soil Sampling

Soil samples were collected from surface grade to boring termination depths at approximately 35 feet below surface grade in four soil borings (L3-PP-SB-1, L3-PP-SB-2, L3-RI-SB-2B, and L2-RI-SB-10B). Soil borings L3-PP-SB-1 and L3-PP-SB-2 were advanced to determine the horizontal extent of remedial excavation needed in the Pedestrian Plaza portion of the Site. Soil borings L3-RI-SB-2B and L2-RI-SB-10B were advanced near the locations of former borings L3-RI-SB-2 and L3-RI-SB-10, respectively, to determine the extent of remedial excavation needed in the Pedestrian Plaza.

In-Text Table I summarizes the soil samples collected for laboratory analysis from each soil boring.

Table I
Soil Sample Summary

Soil Boring ID	Soil Sample ID
L2-RI-SB-10B	L2-RI-SB-10B_15-16_20221012
	L2-RI-SB-10B_16-18_20221012
	L2-RI-SB-10B_18-20_20221012
	L2-RI-SB-10B_20-22_20221012
	L2-RI-SB-10B_22-24_20221012
	L2-RI-SB-10B_24-26_20221012
	L2-RI-SB-10B_26-28_20221012
	L2-RI-SB-10B_28-30_20221012
	L2-RI-SB-10B_30-32_20221012
	L2-RI-SB-10B_32-34_20221012
L3-PP-SB-1	L3-PP-SB-1_5-6_20221013
	L3-PP-SB-1_6-8_20221013
	L3-PP-SB-1_8-10_20221013
	L3-PP-SB-1_10-12_20221013
	L3-PP-SB-1_12-14_20221013
	L3-PP-SB-1_14-15_20221013
L3-PP-SB-2	L3-PP-SB-2_5-6_20221013
	L3-PP-SB-2_6-8_20221013
	L3-PP-SB-2_8-10_20221013
	L3-PP-SB-2_10-12_20221013
	L3-PP-SB-2_12-14_20221013
	L3-PP-SB-2_14-15_20221013

Table I
Soil Sample Summary

Soil Boring ID	Soil Sample ID
L3-RI-SB-2B	L3-RI-SB-2B_15-16 _20221012
	L3-RI-SB-2B_16-18 _20221012
	L3-RI-SB-2B_18-20 _20221012
	L3-RI-SB-2B_20-22 _20221012
	L3-RI-SB-2B_22-24 _20221012
	L3-RI-SB-2B_24-26 _20221012
	L3-RI-SB-2B_26-28 _20221012
	L3-RI-SB-2B_28-30 _20221012
	L3-RI-SB-2B_30-32 _20221012
	L3-RI-SB-2B_32-34 _20221012

As shown on the boring logs provided in Appendix D, PID readings and faint solvent-like odors were detected in each of the soil borings. Lithology was consistent with that noted in previous investigations (see Section 2.0) and consisted of fill material underlain by native material down to the groundwater interface, which appeared to be encountered at approximately 35 feet below surface grade.

Soil samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with United States Environmental Protection Agency (EPA) protocols. The soil samples were analyzed by Eurofins of Edison, New Jersey, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory. Soil samples were analyzed for CVOCs by EPA Method 8260. For QA/QC purposes and in accordance with Category B deliverables sampling, matrix spike/matrix spike duplicates (MS/MSD) blind duplicate samples, field blanks, and two trip blanks were also submitted for laboratory analysis at a frequency of 1 per 20 soil samples. The QA/QC samples were also analyzed for CVOCs by EPA Method 8260.

Third-party data validation was performed by L.A.B. Validation Corp., of Northport, New York, and a data usability summary report (DUSR) was prepared. The DUSR confirmed usability of the data with additional qualifiers.

Soil analytical data is provided on Attached Table 1. The soil boring locations and exceedances of applicable standards are shown on Figure 3. Soil boring logs are provided in Appendix D. The laboratory analytical report and DUSR are provided in Appendix E.

4.2 Air Monitoring

Roving air monitoring for VOCs using a calibrated PID and for airborne particulates using a calibrated dust meter was implemented during all subsurface disturbance activities. No exceedances were detected. The air monitoring logs are provided in Appendix F.

5.0 NATURE AND EXTENT OF CONTAMINATION

5.1 Conceptual Model of Site Contamination

Site contamination, present in shallow and deep soil; shallow, intermediate, and deep groundwater; and soil vapor across the Site, appears to be related to the Site's historic industrial and manufacturing uses. The CVOCs detected in soil above UUSCOs, RRSCOs, and/or PGWSCOs were mostly found in the northern portion of the Site, with the greatest concentrations of TCE in shallow soil from 4 to 5 feet below grade and in deep soil between 12 and 13 feet below grade on the southern portion of the Site. Slightly lesser concentrations of TCE were detected in deeper soil on the northern portion of the Site extending down to the groundwater table. Breakdown solvent compounds, including 1,1-DCE, cis-1,2-DCE, and trans-1,2-DCE, were also detected on the northern portion of the Site. In addition to the CVOCs, metals, including copper, lead, hexavalent chromium, and zinc are present in soil across the Site at concentrations above UUSCOs. Mercury was detected in one shallow sample on the western portion of the Site above its UUSCO and RRSCO. These exceedances are most likely attributable to historic filling, undocumented discharges due to a fire in 2012, and/or historic operations at the Site.

The vertical and horizontal extent of CVOCs in groundwater is consistent with a Site-specific groundwater flow to the south and southwest, and the concentrations of CVOCs in soil. The greatest concentrations of TCE in the shallow groundwater were found on the north-central portion of the Site, with lesser concentrations on the western and southwestern portions of the Site. TCE concentrations decrease significantly vertically and horizontally moving southeast across the Site. TCE breakdown compounds, including 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride were detected above their respective standards in shallow and intermediate groundwater samples collected from wells on the southern portion of the Site, proximal to the in-situ chemical oxidation injection points associated with closed Spill Nos. 8805745 and 0101620. The elevated detections of breakdown compounds are likely side effects of partially treating some CVOCs, which were unintentionally treated from the in-situ chemical oxidation program conducted to remediate these petroleum spills.

Elevated concentrations of TCE and PCE were detected in each of the soil vapor samples collected along the eastern, southern, and western Site boundaries. The highest concentrations of TCE and PCE were collected from the southeastern and southwestern Site boundaries and breakdown compounds were detected at elevated concentrations on the southwestern portion of the Site. In addition, the refrigerants trichlorofluoromethane and diclorodifluoromethane were detected in several soil vapor samples across the Site, with the highest concentrations on the northwestern portion at the location of the former Chloe Foods cold storage room. Soil vapor sample concentrations are shown on Figure 10 of the RIR.

5.2 Contaminated Media

The subsurface investigations conducted at the Site concluded that contaminated soil, groundwater, and soil vapor are present. Elevated concentrations of solvents in shallow and deep soil were detected on the northern and southern portions of the Site, with concentrations exceeding applicable standards extending to the groundwater table on the northern portion of the Site. The vertical and horizontal extent of CVOCs in groundwater is consistent with a Site-specific groundwater flow to the south and southwest and the concentrations of CVOCs in soil, with the greatest concentrations on the northern portion of the Site and breakdown compounds on the southern and southwestern portions of the Site. Elevated concentrations of solvent-related VOCs were detected in soil vapor across the Site and elevated concentrations of refrigerants were detected on the northwestern portion of the Site.

5.3 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment (QHHEA) was completed as part of the RIR. The results of the QHHEA indicated that existing soil and groundwater conditions do not pose a threat to human health, as the Site is undeveloped and fully capped with concrete and asphalt, and groundwater is not used as a source of drinking water in this part of Brooklyn. In addition, the QHHEA concluded that there is a potential exposure pathway from soil vapor emanating from the subsurface to enter the adjoining buildings as a result of any basement floor or lower wall openings/cracks. The indoor air quality at the adjoining properties could be susceptible to contamination from subsurface vapor intrusion. In response to the QHHEA, to prevent the off-site migration of soil vapor, an IRM SVE system was installed and operates at the Site. The RM SVE System will not be turned off without NYSDEC and NYSDOH approval.

As part of the north-adjacent site's (Atlantic Chestnut – Lot 2 NYSDEC BCP Number: C224235) support of excavation (SOE) and redevelopment activities, the existing site cap would need to be removed on the northern portion of the Site, which would create a potential exposure pathway (direct contact of soil). This IRMWP is being prepared to address the potential exposure pathway being created.

6.0 INTERIM REMEDIAL MEASURE

The proposed IRM includes removal of contaminated soil (source material) along the northern portion of the Site to facilitate remedial activities on the north-adjacent property (Atlantic Chestnut – Lot 2 NYSDEC BCP Number: C224235). Upon completion of the IRM, either an IRM CCR will be prepared for inclusion in the Final Engineering Report (FER), or the information will be included in the FER. This will depend on the implementation schedule of the forthcoming RAWP and/or direction from NYSDEC.

This section outlines the scope of work and procedures for monitoring, Site controls, and handling and disposal of contaminated materials during the implementation of the IRMWP.

6.1 Site Preparation

Site construction fencing and/or barricades will be installed and all necessary permits pertaining to demolition and excavation activities will be procured prior to starting work. Site mobilization involving utility mark-outs will be performed prior to undertaking any demolition or excavation activities. The Volunteer and its contractors will be solely responsible for the identification of utilities that might be affected by this work and implementation of all required, appropriate, or necessary health and safety measures.

6.2 Interim Remedial Measure Excavation

Based on sampling conducted to date, remedial excavation is anticipated to extend to depths between 15 and 35 feet below grade in the Pedestrian Plaza, as shown on Figure 4. Portions will be sloped within the excavation of the Pedestrian Plaza to reach terminal excavation depths, while SOE will be installed along the western and southern boundaries. The remedial excavation will be performed in conjunction with the ongoing remedial excavation at the north-adjacent property (Atlantic Chestnut – Lot 2 NYSDEC BCP Number: C224235); therefore, the adjacent portions to the north and east will be an extension of the Lot 2 remedial excavation. It is noted that the remedial excavation depths for Lot 2 are equivalent or deeper than the proposed remedial excavation depths within the Pedestrian Plaza, and SOE including piles and lagging will be installed along the western and southern excavation extents of the Pedestrian Plaza. Final excavation depths will be determined by endpoint sample analytical results, detailed in Section 6.3. Endpoint sample depths will be determined in the field based on PID readings and visual and olfactory evidence of contamination. Excavation will extend until PGWSCOs for CVOCs are met.

6.3 Endpoint Soil Sampling

Excavation endpoint samples will be collected at the proposed locations shown on Figure 4. The results of the endpoint soil samples will be used as part of the remedial evaluation in the forthcoming RAWP.

6.3.1 Endpoint Sampling Frequency

Endpoint Samples

Based on the sampling frequency outlined in Section 5.4 of Division of Environmental Remediation Technical Guide 10 (DER-10), Pedestrian Plaza endpoint sampling will include one base endpoint soil sample for every 900 square feet across the excavation biased to the deepest excavation depths. Sidewall endpoint samples will be collected every 30 linear feet except where there is presence of SOE (western and southern boundaries) or along the northern boundary where the Site meets Lot 2 as the Lot 2 soil will be removed concurrently with the Pedestrian Plaza excavation. a In these areas where sidewall samples cannot be collected, base endpoint samples will be shifted to be biased to be along the base (perimeter) of the excavations.

Hazardous CVOC Endpoint Samples

Based on the sampling frequency outlined in Section 5.4 of DER-10, hazardous CVOC endpoint sampling will include one base endpoint soil sample for every 10 square feet across the hazardous excavation biased to the deepest excavation depths. Sidewall endpoint samples will be collected every 10 linear feet except where there is presence of SOE; alternatively, base endpoint samples will be shifted to be biased to be along the base (perimeter) of the excavations if sidewall samples cannot be collected.

Contingency Hotspot Endpoint Samples

In addition, a minimum of five endpoint samples consisting of four sidewalls (except where SOE is present) and one bottom sample will be collected from any encountered tank or other previously unknown hotspot excavations, as well as one additional sample for every 15 linear feet of trench for any associated piping.

6.3.2 Methodology

The excavation endpoint samples will be collected using a decontaminated stainless steel sampling trowel, hand auger, or a dedicated wooden tongue depressor and placed directly into pre-sterilized laboratory-issued containers. The sample containers will be properly labeled and immediately placed on ice within a cooler. Sample time, date, and location will be recorded on a chain of custody. The Site-wide endpoint soil samples will be submitted to an NYSDOH ELAP-certified laboratory for analysis of VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, PCBs by EPA Method 8082A, Pesticides by EPA Method 8081B, Target Analyte List (TAL) Metals by EPA Method 6000/7000, and per- and polyfluorinated substances (PFAS) by EPA Method 1633. The soil samples collected from the hazardous CVOC areas will be analyzed for CVOCs only by EPA Method 8260. Analysis for contingency hotspot endpoint samples, if required, will be confirmed with the NYSDEC project manager depending on the type of contamination found.

The laboratory will follow the NYSDEC – Analytical Services Protocol (ASP) dated 1995 using NYSDEC ASP Category B deliverables. Further details regarding the specific sampling methodology and analytical procedures are presented in the QAPP, included as Appendix C.

6.3.3 Quality Assurance/Quality Control

The fundamental QA objective with respect to accuracy, precision, and sensitivity of analysis for laboratory analytical data is to achieve the QC acceptance of the analytical protocol. The accuracy, precision, and completeness requirements will be addressed by the laboratory for all data generated. Collected samples will be appropriately packaged, placed in coolers, and shipped or delivered directly to the analytical laboratory by field personnel. Samples will be containerized in appropriate laboratory-provided glassware and shipped in plastic coolers. Samples will be preserved to maintain a temperature of 4 °C. Decontamination of non-dedicated sampling equipment will consist of the following: gently tap or scrape to remove adhered soil; rinse with tap water; wash with Alconox and scrub; rinse with tap water; and rinse with distilled or deionized water. Field blanks will be prepared by pouring distilled or deionized water over decontaminated equipment and collecting the water in laboratory provided containers.

One trip blank, one field blank, one blind duplicate sample, and one MS/MSD sample will be collected per every 20 samples or sample delivery group and submitted for analysis during the endpoint sampling event. The field blank(s), blind duplicate(s), and MS/MSD(s) will include all parameters included in the sample analysis while the trip blank will be

analyzed for VOCs only. Additional QA/QC information is provided in the QAPP, provided as Appendix C.

6.3.4 Data Usability Summary Report

A qualified data validator (third-party) will review the endpoint sample laboratory reports and prepare a DUSR. The DUSR will be included in the IRM CCR/FER.

6.3.5 Reporting of Endpoint Data

The IRM CCR/FER will include a detailed description of endpoint sampling activities, data summary tables, concentration figure showing endpoint sample locations and concentrations, DUSRs, and laboratory reports. Chemical labs used for all endpoint sample results and contingency sampling (if any) will be NYSDOH ELAP-certified. Endpoint sampling, including bottom and sidewall sampling, will be performed in accordance with DER-10 sample frequency requirements. The analytical results of the endpoint samples will be tabulated and compared to UUSCOs and RRSCOs plus PGWSCOs for CVOCs. All analytical data will be submitted in electronic data deliverable format via the Environmental Quality Information System (EQuIS™).

6.4 Soil Characterization

Waste characterization samples have been and will be collected from the soil to secure waste disposal facility acceptance. Samples were collected at a frequency of approximately one sample per 800 cubic yards and analyzed in accordance with the typical requirements of disposal facilities. It is noted that additional samples and/or analysis may be required based on the results of this sampling and/or the chosen disposal facilities requirements. Based on the sampling results, one or more appropriately permitted waste disposal facilities will be selected for off-site disposal. The disposal facility information, including locations, will be submitted to the NYSDEC Project Manager prior to commencing the disposal activities.

All soil excavated and removed from the Site will be disposed of in accordance with all local, state [including Title 6 of the New York Codes, Rules, and Regulations (6 NYCRR) Part 360, and federal regulations]. If any native soil from this Site is proposed for unregulated disposal (not anticipated during IRM activities), a formal request with an associated plan will be submitted to the NYSDEC Project Manager for approval. Material that does not meet UUSCOs is prohibited from being taken to a New York State recycling facility. A contained-in determination will be sought from NYSDEC Solid Waste Management for any soil that is planned to be disposed of as non-hazardous.

The following documentation will be obtained and reported by the Qualified Environmental professional (QEP) [under supervision of the Remedial Engineer (RE)] for each disposal location used in this project to fully demonstrate and document that the disposal of material derived from the Site conforms with all applicable laws: (1) a letter from the QEP or his/her designee or Volunteer to the receiving facility describing the material to be disposed and requesting formal written acceptance of the material. This letter will state that material to be disposed of is contaminated material generated at an environmental remediation Site in New York State. The letter will provide the project identity and the name and phone number of the QEP or his/her designee. The letter will include an attachment summarizing all chemical data for the material being transported (including Site Characterization data); and (2) a letter from each receiving facility stating that it is in receipt of the correspondence (noted above) and is approved to accept the material. These documents will be included in the IRM CCR/FER.

The IRM CCR/FER will include an accounting of the destination of all material removed from the Site during this IRM, including excavated soil, contaminated soil, fill material, solid waste, and hazardous waste, non-regulated material, and fluids. Documentation associated with disposal of all

material must also include records and approvals for receipt of the material. This information will be presented in tabulated form in the IRM CCR/FER.

Bill of Lading system or equivalent will be used for off-site movement of non-hazardous wastes and contaminated soils. This information will be reported in the IRM CCR/FER. Hazardous wastes derived from on-site will be stored, transported, and disposed of in full compliance with applicable local, State, and Federal regulations.

Appropriately licensed haulers will be used for material removed from this Site and will be in full compliance with all applicable local, State, and Federal regulations and only hard covers will be used on trucks.

Waste characterization will be performed for off-site disposal in a manner suitable to the receiving facility and in conformance with applicable permits. Sampling and analytical methods, sampling frequency, analytical results, and QA/QC will be reported in the IRM CCR/FER. All data available for soil to be disposed at a given facility must be submitted to the disposal facility with suitable explanation prior to shipment and receipt.

6.5 Backfill from Off-Site Sources

The importation of clean fill from off-site source(s) may be needed to backfill the excavated areas as part of the IRM. All materials proposed for import onto the Site will be approved by the RE and will be in compliance with provisions in this IRM prior to receipt at the Site. Material proposed for import shall be either from a NYSDEC registered certified clean fill facility or other permitted facility. Any facility proposed for import shall undergo a facility history review and background check by the RE. Material from industrial sites, spill sites, other environmental remediation sites, or other potentially contaminated sites will not be imported to the Site. Solid waste will not be imported onto the Site.

Prior to import, soil will be segregated and tested at the source facility for analysis of VOCs, SVOCs, PCBs, pesticides, TAL metals, PFAS, and 1,4-Dx at the frequency outlined in Table 5.4(e)10 on page 161 of the DER-10 Technical Guidance for Site Investigation and Remediation and in accordance with NYSDEC Sampling, Analysis, and Assessment of PFAS (January 2021). The analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC for review and approval prior to importation and placement on-site. Virgin quarried stone with less than 10% fines will not require testing.

All imported soils will meet NYSDEC approved backfill or cover soil quality objectives for this Site. These NYSDEC-approved backfill or cover soil quality objectives are the lower of the RRSCOs and PGWSCOs as set forth in Table 375-6.8(b) of 6 NYCRR Part 375. Non-compliant soils will not be imported onto the Site without prior approval by NYSDEC. Nothing in this IRMWP or its approval by NYSDEC should be construed as an approval for this purpose.

Soils that meet ‘exempt’ fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this Site, will not be imported onto the Site without prior approval by NYSDEC. Nothing in this IRMWP should be construed as an approval for this purpose.

Solid waste will not be imported to the Site. Trucks entering the Site with imported soils will be securely covered with tight fitting covers.

The IRM CCR/FER will include the following certification by the RE: “I certify that all import of soils from off-site, including source evaluation, approval and sampling, has been performed in a manner that is consistent with the methodology defined in the IRMWP.”

6.6 Stockpile Methods

6.6.1 On-Site Stockpile Methods

Any stockpiled soil will be managed in accordance with appropriate guidelines. Stockpiled contaminated soil will be placed on and covered with polyethylene sheeting and secured with large rocks or other appropriate weights to protect against leaching or runoff of contaminants into groundwater or stormwater. Stockpiles will be managed to minimize dust generation, run-off and erosion, using water, plastic covers, silt fences, and/or hay bales, as necessary. A dedicated water hose connected to a fire hydrant will be available on-site for dust control.

If separate piles are needed to address different disposal requirements (hazardous or non-hazardous), each pile will be separated by a sufficient distance to ensure that mixing of dissimilar or potentially dissimilar materials does not occur. The location and classification of each staging area will be tracked on Site drawings and updated, as necessary, at the end of each workday. Copies of Site drawings will be kept in the field logbook.

As applicable, manifest forms and shipment manifest records will be completed as required by the appropriate regulatory agencies for verifying the material and quantity of each load in unit of volume and weight.

6.7 Transportation

Transportation of material leaving the Site for off-site disposal will be in accordance with federal, state, and local requirements (including 6 NYCRR Part 364 and United States Department of Transportation regulations) covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc. The schedule for truck arrival will be coordinated to meet the approved project schedule. The schedule will be compatible with the availability of equipment and personnel for material handling operations at the job site.

All vehicles leaving the Site will be inspected to ensure that contaminated soil adhering to the wheels or undercarriage are removed prior to the vehicle leaving the Site. Any situations involving material spilled in transit or mud and dust tracked off-site will be remedied. The access routes will be inspected for road conditions, overhead clearance, and weight restrictions.

Contaminated materials from other projects will not be combined with material from the construction area. The transporter will not deliver waste to any facility other than the disposal facility(s) listed on the shipping manifest.

6.8 Truck Inspection Station

An outbound-truck inspection station will be set up close to the Site exit using a gravel track pad. A filter fabric will be placed prior to the installation of the gravel. Before exiting the Site, trucks will be required to stop at the truck inspection station to be examined for evidence of contaminated soil on the undercarriage, body, and wheels. Soil and debris will be removed from vehicles and equipment using brooms, shovels and clean water, as necessary, and the material will be shipped off-site with the Site soil during the remedial work.

6.9 Site Control Measures

The potential off-site transport of sediment, dust and organic vapors potentially generated during soil excavation activities will be controlled by: covering soil stockpiles and/or open excavations with 6-mil polyethylene sheeting; backfilling open excavations with uncontaminated fill material; decontaminating equipment used for soil excavation/sampling; providing drainage inlet protection for catch basins; and/or the use of odor-controlling spray foam, as warranted. These measures will be installed according to the requirements of all applicable or relevant and appropriate Federal, State and local laws.

6.10 Surveying

The limits of the interim remedial excavation and the locations and elevations of soil samples will be surveyed by a New York State-licensed surveyor and incorporated into the Site plan.

6.11 Decontamination Procedures

All non-dedicated sampling equipment will be decontaminated between discrete locations using the following procedure:

1. Scrub equipment with a bristle brush using a tap water/Simple Green® solution.
2. Rinse with tap water.
3. Scrub again with a bristle brush using a tap water/Simple Green® solution.
4. Rinse with tap water.
5. Rinse with distilled water.
6. Air-dry the equipment.

6.12 Management of Investigation-Derived Waste

Soil cuttings will be containerized in properly labeled Department of Transportation -approved 55-gallon drums for future off-site disposal at a permitted facility. The drums will be sealed at the end of each workday and labeled with the date, contents, the type of waste (i.e., decontamination water) and the name of an AKRF point-of-contact. All drums will be labeled "pending analysis" until laboratory data is available. All investigation-derived waste will be disposed of or treated according to applicable local, state, and federal regulations. Disposable sampling equipment, including spoons, gloves, bags, paper towels, etc. that come in contact with environmental media will be double bagged and disposed of as municipal trash in a facility trash dumpster as non-hazardous refuse.

6.13 Health and Safety Plan

A Site-specific HASP for this IRMWP was prepared and included as Appendix A. All work performed under this IRMWP will be in full compliance with governmental requirements, including Site and worker safety requirements mandated by federal Occupational Safety and Health Act. Work zone monitoring will be performed for the health and safety of workers in accordance with action levels and guidance outlined in the HASP. The intrusive activities outlined in this work plan include initial excavation of soil to be utilized as part of the pilot study and set-up of the reactors. The Volunteer and associated parties conducting the work under this work plan are completely responsible for the implementation of the HASP and for the appropriate performance of work according to the plan and applicable laws.

6.14 Community Air Monitoring Plan

Community air monitoring will be conducted via two fixed stations at the perimeter of the Site during all soil-disturbing Site activities in compliance with the NYSDOH Generic CAMP and the Site-specific CAMP provided in Appendix B.

6.15 Quality Assurance Project Plan

Sampling conducted as part of the IRWMP will be conducted in accordance with the QAPP included as Appendix C, which details field screening and sampling methodologies, sample submittal to the laboratory, and reporting requirements. The QAPP includes the project team responsible for implementing the remediation requirements and provisions set forth in this work plan. All samples will be reported with Category B deliverables and EQuIS™ electronic data deliverables, with the exception of disposal sampling.

7.0 REPORTING REQUIREMENTS

Upon completion of the IRM, either an IRM CCR will be prepared for inclusion in the FER or the information will be included in the FER, and submitted to NYSDEC and NYSDOH. The IRM CCR and/or FER will include:

- Photographs of Site demolition and excavation activities;
- Air monitoring results and corrective actions taken (if required);
- Post-excavation endpoint sampling results collected during implementation of the interim remedial measures;
- Tabulated quantities of all material removed from the Site and associated manifests/bills of lading and certificates of disposal from the receiving facilities;
- Tank removal and spill remediation (if appropriate) documentation; and
- Documentation of source approval and sampling for any imported backfill material.

8.0 SCHEDULE

The following tentative schedule has been developed for the project. The schedule would be subject to change to ensure that the data needs of the IRMWP, RAWP, etc. are met to the satisfaction of the NYSDEC.

Table II
Proposed IRM and Project Schedule

Activity	Time To Complete
Submittal of Draft IRMWP	February 2023
IRMWP Comments Received from NYSDEC	March 2023
IRMWP Approval	March 2023
Implementation of IRMWP	March 2023 – October 2023
Submittal of the Draft RAWP	May 2023
RAWP 45-Day Public Comment Period	May – July 2023
NYSDEC Approves RAWP and Issues Decision Document	September 2023
Submittal of IRM CCR, if needed	December 2023
Dismantle IRM Soil Vapor Extraction System[1]	December 2023
Begin Implementation of RAWP	January 2024
Submittal of Draft Environmental Easement	June 2024
Draft Site Management Plan Submitted to NYSDEC	August 2024
Execution of Environmental Easement	September 2024
Draft FER Submitted to NYSDEC	October 2024
Certificate of Completion and Fact Sheet	December 2024
Completion of Building (first occupancy)	December 2026

Notes:
[1] IRM SVE System will not be turned off without NYSDEC and NYSDOH approval.

9.0 CERTIFICATION

I, Michelle Lapin, P.E., certify that I am currently a New York State registered Professional Engineer as defined in 6 NYCRR Part 375 and that this IRMWP was prepared in accordance with all applicable statutes and regulations and in substantial conformance with DER-10.

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.



Michelle Lapin, P.E.		March 16, 2023
Name	***Signature***	***Date***

FIGURES



Map Source: USGS Topo base map service from The National Map

0 800 1,600

SCALE IN FEET

©2018 AKRF W:\Projects\12184 - PHIPPS 3301 ATLANTIC\Technical\GIS and Graphics\hazmat\12184 Fig 1 Site Loc Map.mxd 6/4/2018 7:50:43 AM mveilleux

AKRF
440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

BROWNFIELD CLEANUP PROGRAM SITE LOCATION

DATE
8/26/2022

PROJECT NO.
12184

FIGURE
1



LEGEND

- BCP SITE BOUNDARY
- FORMER BCP SITE BOUNDARY
- 3 — LOT BOUNDARY
- 4143 — BLOCK NUMBER
- FORMER BUILDING LINE
- LIRR SUBTERRANEAN TRACKS
- PEDESTRIAN PLAZA PORTION OF LOT 3
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING LOCATION (2017)
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING/NESTED GROUNDWATER MONITORING WELL LOCATION (2017)
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (2017)
- REMEDIAL INVESTIGATION SOIL BORING LOCATION (2016)
- REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (2016)
- REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (2016)
- REMEDIAL INVESTIGATION AMBIENT AIR SAMPLE LOCATION (2016)
- GROUNDWATER MONITORING WELL LOCATION (INSTALLED PRIOR TO 2015)
- CHEMICAL OXIDATION INJECTION WELL LOCATION (INSTALLED PRIOR TO 2015)
- SUPPLEMENTAL INVESTIGATION SOIL BORING LOCATION (OCTOBER 2022)

0 20 40 80
SCALE IN FEET

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

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Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

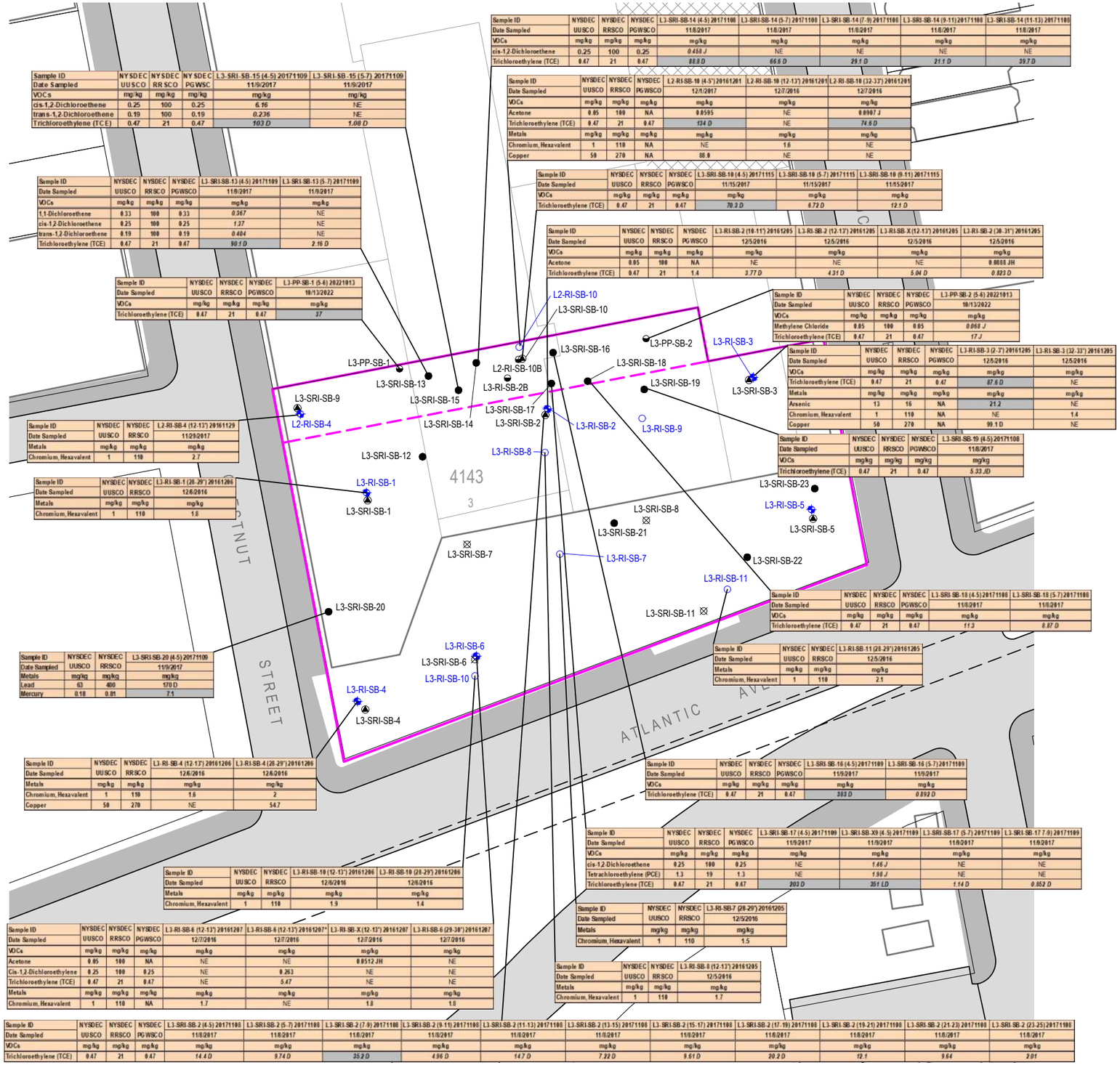
SITE AND SAMPLE LOCATION PLAN

DATE
2/16/2023

PROJECT NO.
12184

FIGURE
2

©2023 AKRF, Inc Q:\Projects\12184 - ATLANTIC CHESTNUT - LOT 3\Technical\12184 - Atlantic Chestnut - Lot 3\IRM\IRMWP\CAD\12184 Fig 2 Site and Sample Location Plan.dwg last save: mvelleux 2/16/2023 11:24 AM



LEGEND

- PROJECT SITE BOUNDARY
- 3 — LOT BOUNDARY
- 4143 — BLOCK NUMBER
- FORMER BUILDING LINE
- LIRR SUBTERRANEAN TRACKS
- APPROXIMATE EXTENT OF FORMER PARTIAL CELLAR
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING LOCATION (2017)
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING/NESTED GROUNDWATER MONITORING WELL LOCATION (2017)
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (2017)
- REMEDIAL INVESTIGATION SOIL BORING LOCATION (2016)
- REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (2016)
- SUPPLEMENTAL INVESTIGATION SOIL BORING LOCATION (OCTOBER 2022)

Sample ID	NYSDEC	NYSDEC	NYSDEC	L3-SRI-SB-19 (4-5) 20171108
Date Sampled	UUSCO	RRSCO	PGWSCO	11/8/2017
VOCs	mg/kg	mg/kg	mg/kg	mg/kg
Trichloroethylene (TCE)	0.47	21	0.47	5.33 JD

Sample ID
Sample Date
Concentration in Soil
Analyte/Compound in Soil

JH : The analyte was detected at a concentration above the laboratory reporting limit; the reported concentration is approximate and may be inaccurate or imprecise and biased high.

D : The reported concentration is the result of a diluted sample analysis.

NS : A standard has not been established for the analyte.

NE : The analyte was not detected at a concentration above UUSCOs or RRSCOs.

b : The compound was detected at an elevated detection limit due to dilution required for high interfering element.

JD : The reported concentration is the result of a diluted sample analysis and is estimated.

LD : The reported concentration is the result of a diluted sample analysis and is biased low.

*** :** Both the high-level analysis and low-level analysis of VOCs for sample L3-RI-SB-6 (12-13') 20161207 are reported due to significantly higher results obtained for the high-level analysis. The low-level analysis is presented with one asterisk next to the sample name.

NA : Only chlorinated volatile organic compounds (CVOCs) were compared to PGWSCOs. The PGWSCO for the compound is not applicable.

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

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

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.
Exceedances of Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted in italic font.

Soil sample L3-RI-SB-X (12-13') 20161205 is a blind duplicate of soil sample L3-RI-SB-2 (12-13') 20161205.
Soil sample L3-RI-SB-X (12-13') 20161207 is a blind duplicate of soil sample L3-RI-SB-6 (12-13') 20161207.
Soil sample L3-SRI-SB-X9 (4-5) 20171109 is a blind duplicate of soil sample L3-SRI-SB-17 (4-5) 20171109.

0 30 60 120
SCALE IN FEET

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

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Atlantic Chestnut - Lot 3
3301 Atlantic Avenue
Brooklyn, New York

SOIL SAMPLE LOCATIONS AND CONCENTRATIONS ABOVE NYSDEC UUSCOS, RRSCOS AND/OR PGWSCOS

DATE
3/15/2023

PROJECT NO.
12184

FIGURE
3

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Q:\Projects\12184 - ATLANTIC CHESTNUT - LOT 3\Technical\12184 Fig 3 Soil Smple Loc and Concentrations.dwg last save: mveilleux 3/15/2023 2:26 PM



LEGEND

- PROJECT SITE BOUNDARY
- 3 — LOT BOUNDARY
- 4143 — BLOCK NUMBER
- LIRR SUBTERRANEAN TRACKS
- EXCAVATION UP TO 15 FEET BELOW GROUND SURFACE
- EXCAVATION UP TO 35 FEET BELOW GROUND SURFACE
- NO EXCAVATION PROPOSED AS PART OF THE IRM. EXCAVATION TO BE CONDUCTED UNDER AN APPROVED REMEDIAL ACTION WORK PLAN
- HAZARDOUS LEVELS OF TCE TO 5 FEET BELOW GROUND SURFACE
- HAZARDOUS LEVELS OF TCE TO 35 FEET BELOW GROUND SURFACE
- PROPOSED BASE ENDPOINT SAMPLE LOCATION
- PROPOSED HAZARDOUS CVOC BASE ENDPOINT SAMPLE LOCATION
- SUPPORT OF EXCAVATION

0 20 40 80
SCALE IN FEET

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

AKRF
440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

PROPOSED INTERIM REMEDIAL MEASURE EXCAVATION AND ENDPOINT SAMPLING PLAN

DATE
3/23/2023

PROJECT NO.
12184

FIGURE
4

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TABLE

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

				AKRF Sample ID	L2-RI-SB-10B_15-16_20221012	L3-SB-X1_20221012	L2-RI-SB-10B_16-18_20221012	L2-RI-SB-10B_18-20_20221012
				Laboratory Sample ID	460-267360-1	460-267360-11	460-267360-2	460-267360-3
				Date Sampled	10/12/2022	10/12/2022	10/12/2022	10/12/2022
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.001 U	0.0011 U	0.0011 U	0.001 U
1,1-Dichloroethane	0.27	26	0.27		0.001 U	0.0011 U	0.0011 U	0.001 U
1,1-Dichloroethene	0.33	100	0.33		0.001 U	0.0011 U	0.0011 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.02		0.001 U	0.0011 U	0.0011 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.76		0.001 U	0.0011 U	0.0011 U	0.001 U
Chloroform	0.37	49	0.37		0.001 U	0.0011 U	0.0011 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.001 U	0.0011 U	0.0029	0.001 U
Methylene Chloride	**0.05**	100	0.05		0.0021 U	0.0023 U	0.0022 U	0.0021 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0072 J	0.026 J	0.0022	0.0034
Trans-1,2-Dichloroethene	0.19	100	0.19		0.001 U	0.0011 U	0.0011 U	0.001 U
Trichloroethylene (TCE)	**0.47**	21	0.47		0.0078 J	0.063 J	0.04	0.0036
Vinyl Chloride	0.02	0.9	0.02		0.001 U	0.0011 U	0.0011 U	0.001 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L2-RI-SB-10B_20-22_20221012	L2-RI-SB-10B_22-24_20221012	L2-RI-SB-10B_24-26_20221012	L2-RI-SB-10B_26-28_20221012
			Laboratory Sample ID	460-267360-4	460-267360-5	460-267360-6	460-267360-7
			Date Sampled	10/12/2022	10/12/2022	10/12/2022	10/12/2022
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.37	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.0011 U	0.0011 U	0.00052 J
Methylene Chloride	**0.05**	100	0.05	0.0021 U	0.0021 U	0.0021 U	0.0023 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.011	0.0019	0.00072 J	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	**0.47**	21	0.47	0.012	0.0016	0.0042	0.03
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0011 U	0.0011 U	0.0012 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L2-RI-SB-10B_28-30_20221012	L2-RI-SB-10B_30-32_20221012	L2-RI-SB-10B_32-34_20221012	L3-PP-SB-1_5-6_20221013
			Laboratory Sample ID	460-267360-8	460-267360-9	460-267360-10	460-267458-1
			Date Sampled	10/12/2022	10/12/2022	10/12/2022	10/13/2022
			Dilution Factor	1	1	1	50
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0011 U	0.0013 U	0.14 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0011 U	0.0013 U	0.14 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0011 U	0.0013 U	0.14 UJ
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0011 U	0.0013 U	0.14 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0011 U	0.0013 U	0.14 U
Chloroform	0.37	49	0.37	0.0012 U	0.0011 U	0.0013 U	0.14 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0011 U	0.0013 U	0.088 J
Methylene Chloride	**0.05**	100	0.05	0.0024 U	0.0023 U	0.0026 U	0.14 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0011 U	0.0013 U	0.25
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0011 U	0.0013 U	0.14 U
Trichloroethylene (TCE)	**0.47**	21	0.47	0.0012 U	0.0012	0.0013 U	**37**
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0011 U	0.0013 U	0.14 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L3-PP-SB-1_6-8_20221013	L3-SB-X2_20221013	L3-PP-SB-1_8-10_20221013	L3-PP-SB-1_10-12_20221013
			Laboratory Sample ID	460-267458-2	460-267458-11	460-267458-3	460-267458-4
			Date Sampled	10/13/2022	10/13/2022	10/13/2022	10/13/2022
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.001 U	0.00096 U	0.001 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.001 U	0.00096 U	0.001 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.001 U	0.00096 U	0.001 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.001 U	0.00096 U	0.001 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.001 U	0.00096 U	0.001 U	0.0012 U
Chloroform	0.37	49	0.37	0.001 U	0.00096 U	0.001 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.001 U	0.00096 U	0.001 U	0.0012 U
Methylene Chloride	**0.05**	100	0.05	0.002 U	0.0019 U	0.0021 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.001 U	0.00096 U	0.001 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.001 U	0.00096 U	0.001 U	0.0012 U
Trichloroethylene (TCE)	**0.47**	21	0.47	0.001 U	0.00096 U	0.001 U	0.0042
Vinyl Chloride	0.02	0.9	0.02	0.001 U	0.00096 U	0.001 U	0.0012 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

				AKRF Sample ID	L3-PP-SB-1_12-14_20221013		L3-PP-SB-1_14-15_20221013		L3-PP-SB-2_5-6_20221013		L3-SB-X4_20221013	
				Laboratory Sample ID	460-267458-5		460-267458-6		460-267521-3		460-267521-4	
				Date Sampled	10/13/2022		10/13/2022		10/13/2022		10/13/2022	
				Dilution Factor	1		1		50		1	
				Unit	mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0012	U	0.0011	U	0.13	U	0.0018	U
1,1-Dichloroethane	0.27	26	0.27		0.0012	U	0.0011	U	0.13	U	0.0018	U
1,1-Dichloroethene	0.33	100	0.33		0.0012	U	0.0011	U	0.13	U	0.00075	J
1,2-Dichloroethane	0.02	3.1	0.02		0.0012	U	0.0011	U	0.13	U	0.0018	U
Carbon Tetrachloride	0.76	2.4	0.76		0.0012	U	0.0011	U	0.13	U	0.0018	U
Chloroform	0.37	49	0.37		0.0012	U	0.0011	U	0.13	U	0.0018	U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0012	U	0.0011	U	0.16	J	0.0068	JL
Methylene Chloride	**0.05**	100	0.05		0.0024	U	0.0022	U	**0.068**	**J**	0.0036	JL
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0012	U	0.0011	U	0.13	U	0.0018	U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0012	U	0.0011	U	0.045	J	0.0011	J
Trichloroethylene (TCE)	**0.47**	21	0.47		0.0012	U	0.0011	U	**17**	**J**	0.41	JL
Vinyl Chloride	0.02	0.9	0.02		0.0012	U	0.0011	U	0.13	U	0.0018	U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L3-PP-SB-2_6-8_20221013	L3-PP-SB-2_8-10_20221013	L3-PP-SB-2_10-12_20221013	L3-PP-SB-2_12-14_20221013
			Laboratory Sample ID	460-267521-5	460-267521-6	460-267521-7	460-267521-8
			Date Sampled	10/13/2022	10/13/2022	10/13/2022	10/13/2022
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Methylene Chloride	**0.05**	100	0.05	0.0021 U	0.0024 U	0.0022 U	0.0025 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	**0.47**	21	0.47	0.0011 U	0.00058 J	0.0079	0.0011 J
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0012 U	0.0011 U	0.0012 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L3-PP-SB-2_14-15_20221013	L3-RI-SB-2B_15-16_20221012	L3-RI-SB-2B_16-18_20221012	L3-RI-SB-2B_18-20_20221012
			Laboratory Sample ID	460-267521-9	460-267360-12	460-267360-13	460-267360-14
			Date Sampled	10/13/2022	10/12/2022	10/12/2022	10/12/2022
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0014 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.0014 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 UJ	0.0014 UJ	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0012 U	0.0014 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 UJ	0.0014 UJ	0.0011 UJ
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.0014 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.00061 J	0.00098 J	0.0011 U
Methylene Chloride	**0.05**	100	0.05	0.0023 U	0.0023 U	0.0027 U	0.0022 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.0014 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0014 U	0.0011 U
Trichloroethylene (TCE)	**0.47**	21	0.47	0.00082 J	0.082	0.085	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0012 U	0.0014 U	0.0011 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L3-RI-SB-2B_20-22_20221012	L3-RI-SB-2B_22-24_20221012	L3-RI-SB-2B_24-26_20221012	L3-RI-SB-2B_26-28_20221012
			Laboratory Sample ID	460-267360-15	460-267360-16	460-267360-17	460-267360-18
			Date Sampled	10/12/2022	10/12/2022	10/12/2022	10/12/2022
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0012 U	0.001 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0012 U	0.001 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 UJ	0.0012 UJ	0.001 UJ	0.0012 UJ
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0012 U	0.001 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 UJ	0.0012 UJ	0.001 UJ	0.0012 UJ
Chloroform	0.37	49	0.37	0.0012 U	0.0012 U	0.001 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0012 U	0.001 U	0.00074 J
Methylene Chloride	**0.05**	100	0.05	0.0024 U	0.0024 U	0.0021 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0012 U	0.001 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0012 U	0.001 U	0.0012 U
Trichloroethylene (TCE)	**0.47**	21	0.47	0.037	0.0033	0.015	0.14
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0012 U	0.001 U	0.0012 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L3-RI-SB-2B_28-30_20221012	L3-RI-SB-2B_30-32_20221012	L3-RI-SB-2B_32-34_20221012	L3-FB-01_20221012
			Laboratory Sample ID	460-267360-19	460-267360-20	460-267360-21	460-267360-22
			Date Sampled	10/12/2022	10/12/2022	10/12/2022	10/12/2022
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0013 U	0.0012 U	0.0012 U	1 U
1,1-Dichloroethane	0.27	26	0.27	0.0013 U	0.0012 U	0.0012 U	1 U
1,1-Dichloroethene	0.33	100	0.33	0.0013 UJ	0.0012 UJ	0.0012 UJ	1 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0013 U	0.0012 U	0.0012 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0013 UJ	0.0012 UJ	0.0012 UJ	1 U
Chloroform	0.37	49	0.37	0.0013 U	0.0012 U	0.0012 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0013 U	0.0012 U	0.0012 U	1 U
Methylene Chloride	**0.05**	100	0.05	0.0027 U	0.0023 U	0.0024 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0013 U	0.0012 U	0.0012 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0013 U	0.0012 U	0.0012 U	1 U
Trichloroethylene (TCE)	**0.47**	21	0.47	0.00046 J	0.017	0.0012 U	1 U
Vinyl Chloride	0.02	0.9	0.02	0.0013 U	0.0012 U	0.0012 U	1 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L3-FB-01_20221013	L3-FB-02_20221013	L3-TB-01_20221012	L3-TB-01_20221013
			Laboratory Sample ID	460-267521-2	460-267458-12	460-267360-23	460-267521-1
			Date Sampled	10/13/2022	10/13/2022	10/12/2022	10/13/2022
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26	0.27	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76	1 U	1 U	1 U	1 U
Chloroform	0.37	49	0.37	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	1 U	1 U	1 U	1 U
Methylene Chloride	**0.05**	100	0.05	1 U	**0.43 J**	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	**0.47**	21	0.47	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02	1 UJ	1 UJ	1 U	1 U

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Soil Analytical Results of Chlorinated Volatile Organic Compounds

			AKRF Sample ID	L3-TB-02_20221013
			Laboratory Sample ID	460-267458-33
			Date Sampled	10/13/2022
			Dilution Factor	1
			Unit	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	1 U
1,1-Dichloroethane	0.27	26	0.27	1 U
1,1-Dichloroethene	0.33	100	0.33	1 U
1,2-Dichloroethane	0.02	3.1	0.02	1 U
Carbon Tetrachloride	0.76	2.4	0.76	1 U
Chloroform	0.37	49	0.37	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	1 U
Methylene Chloride	**0.05**	100	0.05	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19	1 U
Trichloroethylene (TCE)	**0.47**	21	0.47	1 U
Vinyl Chloride	0.02	0.9	0.02	1 UJ

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York
October 2022 Supplemental Soil Investigation
Notes

DEFINITIONS

J : The concentration given is an estimated value.

L : Sample result is estimated and biased low.

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

mg/kg : milligrams per kilogram

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.
Exceedances of Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted with an underline.

DUPLICATES

L3-SB-X1_20221012 is a blind duplicate of sample L2-RI-SB-10B_15-16_20221012
L3-SB-X2_20221013 is a blind duplicate of sample L3-PP-SB-1_6-8_20221013
L3-SB-X4_20221013 is a blind duplicate of sample L3-PP-SB-2_5-6_20221013

APPENDIX A
HEALTH AND SAFETY PLAN

ATLANTIC CHESTNUT – LOT 3
275 CHESTNUT STRET
BROOKLYN, NEW YORK

Health and Safety Plan
for Interim Remedial Measure Work Plan
for Pedestrian Plaza Excavation

AKRF Project Number: 12184
BCP Site Number: C224236

Prepared for:

NYSDEC Region 2
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, New York 11101

On Behalf Of:

Atlantic Chestnut Affordable Housing LLC
902 Broadway, 13th Floor
New York, New York 10010

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

MARCH 2023

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Figure 1 – Brownfield Cleanup Program Site Location Map
Figure 2 – Hospital Location Map

ATTACHMENTS

Attachment A – Potential Health Effects from On-Site Contaminants
Attachment B – Report Forms
Attachment C – Emergency Hand Signals

1.0 INTRODUCTION

This environmental Health and Safety Plan (HASP) was prepared by AKRF, Inc. (AKRF) on behalf of Atlantic Chestnut Affordable Housing LLC (the "Volunteer") for the Atlantic Chestnut – Lot 3 site, located at 275 Chestnut Street in Brooklyn, New York, hereafter referred to as the "Site". This HASP was developed for the Interim Remedial Measure (IRM) Work Plan dated February 2023 for excavation of the Pedestrian Plaza portion of the Site for implementation by AKRF personnel and other personnel working to implement the IRM Work Plan. The Site is identified on the New York City Tax Map as Brooklyn Tax Block 4143, Lot 3. Historically, Lot 1 encompassed the entirety of Block 4143, but was apportioned into three lots (Lots 1, 2, and 3) in 2016. A map showing the Site location is provided as Figure 1. The surrounding area is developed with residential, commercial, manufacturing, transportation, and industrial uses. The elevated J- and Z- Metropolitan Transit Authority (MTA) subway tracks run along Fulton Street to the north and the Long Island Railroad tracks are located beneath Atlantic Avenue to the south.

Atlantic Chestnut Affordable Housing LLC entered into a Brownfield Cleanup Agreement (BCA) Index No. C224236-05-16 with the New York State Department of Environmental Conservation (NYSDEC) on May 26, 2016 as a Volunteer. A BCA Amendment was submitted to the NYSDEC in August 2017 and executed on August 24, 2017 to document changes to the street address and lot size.

Historic records indicated that the Site was developed with residences and a road in 1887 and with industrial and manufacturing uses, including the Columbia Machine Works and Malleable Iron Company, the Columbia Cable and Electric Corporation, Blue Ridge Farms, Inc., and Chloe Foods Corp., between 1908 and 2012. Blue Ridge Farms, Inc. and Chloe Foods Corp. are listed on multiple federal and state databases. The Site was shown with a 10,000-gallon fuel oil tank in 1951 and 1980 and as a gasoline filling station between 1982 and 1988. Prior uses that appear to have led to Site contamination include blacksmithing and stamping, a brass foundry, woodworking, railroad operations, a blacksmith, a machine shop, tank and engine rooms, an iron works, wire braiding, a gasoline filling station, and cable manufacturing. The Site has been vacant since a July 2012 fire caused severe structural damage to the former Site buildings, which were demolished between July and December 2016.

Site contamination, present in shallow and deep soil, shallow and intermediate groundwater, and soil vapor across the Site, appears to be related to the Site's historic industrial and manufacturing uses. The elevated detections of semivolatile organic compounds (SVOCs) and metals in shallow fill are most likely attributable to historic filling, undocumented discharges due to the fire in 2012, and/or historic operations at the Site. The presence of petroleum-related compounds in soil and soil vapor, associated with NYSDEC Spill No. 1708008, are related to former and/or current on-site petroleum storage tanks. The presence of the solvent-related volatile organic compounds (VOCs) trichloroethylene (in soil, groundwater, and soil vapor), tetrachloroethylene (in soil, groundwater and soil vapor), cis-1,2-dichloroethylene, and trans-1,2-dichloroethylene (in soil), chloroform (in groundwater), and carbon tetrachloride and refrigerants (in soil vapor) are likely related to the historic manufacturing operations at the Site. Based on groundwater flow, the contaminants in shallow groundwater are likely migrating off-site to the south. Additionally, when organic compounds are exposed to air, contamination can partition from soil and groundwater and migrate in a vapor phase through the pore spaces in unsaturated soil. The vapors can accumulate beneath structures such as pavement and building foundations. The affected media for the existing or potential future releases at the Site include soil, groundwater, and soil vapor. To address the significant threat determination for soil vapor, an IRM soil vapor extraction system is currently operating at the Site to prevent off-site migration of contaminated vapors. The SVE system IRM is being employed until implementation of remedial actions.

This HASP does not discuss routine health and safety issues common to general construction and excavation, including, but not, limited to slips, trips, falls, shoring, and other physical hazards. All AKRF employees are additionally directed that all work must be performed in accordance with the AKRF's Generic HASP and all Occupation Safety and Health Administration (OSHA)-applicable regulations for the work activities required for the project. All project personnel are furthermore directed that they are not

permitted to enter Permit Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations as well as any more stringent requirements specified by their employer in their corporate HASP or otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or other official designated by that employer.

2.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES

2.1 Hazard Evaluation

2.1.1 Hazards of Concern

The hazards of concern include organic and inorganic chemicals, heat and cold stress, and explosive/flammable materials.

2.1.2 Physical Characteristics

The physical characteristics of the hazards of concern include liquid, solid, sludge, vapor, and free-phase petroleum.

2.1.3 Hazardous Materials

The chemicals known and/or expected to be encountered at the Site include: VOCs, SVOCs, pesticides, and metals; the solids include ash, asbestos, and historical fill; the solvents include chlorinated solvents; and the oils include hydraulic oil, gasoline, and fuel oil.

2.1.4 Chemicals of Concern

Table 1
Chemicals Of Concern

Chemicals	REL/PEL/STEL	Health Hazards
1,2-Dichloroethylene	REL = 200 ppm PEL = 200 ppm	Irritation eyes, respiratory system; central nervous system depression.
Arsenic	REL = 0.002 mg/m^3 PEL = 0.01 mg/m^3	Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, respiratory irritation, hyperpigmentation of skin; potential occupational carcinogen.
Benzene	REL = 0.1 ppm PEL = 1 ppm STEL = 5 ppm	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude, dermatitis; bone marrow depression, potential occupational carcinogen.
Chromium	REL = 0.5 mg/m^3 PEL = 0.5 mg/m^3	Irritation eyes; sensitization dermatitis.
Copper	REL = 0.1 mg/m^3 PEL = 0. 1 mg/m^3	Irritation eyes, upper respiratory system; metal fume fever: chills, muscle ache, nausea, fever, dry throat, cough, lassitude (weakness, exhaustion); metallic or sweet taste; discoloration skin, hair.
Ethylbenzene	REL = 100 ppm PEL = 100 ppm	Irritation eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma.
Fuel Oil	REL = 350 mg/m^3 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^3 PEL = 0.05 mg/m^3	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^3 PEL = 0.05 mg/m^3	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.

Table 1
Chemicals Of Concern

Chemicals	REL/PEL/STEL	Health Hazards
Polycyclic Aromatic Hydrocarbons	PEL = 5 mg/m^3	Harmful effects to skin, bodily fluids, and ability to fight disease, reproductive problems; [potential occupational carcinogen].
Trichloroethylene	PEL = 100 ppm	Lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen].
Tetrachloroethylene	PEL = 100 ppm STEL = 200 ppm	Irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, poor coordination; headache, drowsiness; skin erythema (skin redness); liver damage; potential occupational carcinogen.
Toluene	REL = 100 ppm PEL = 200 ppm STEL = 300 ppm	Irritation eyes, nose; lassitude, confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia (skin tingling or numbness); dermatitis; liver, kidney damage.
Xylenes	REL = 100 ppm PEL = 100 ppm	Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, poor coordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis.
Vinyl Chloride	PEL = 1 ppm PEL = 5 ppm (Ceiling)	Lassitude (weakness, exhaustion); abdominal pain, gastrointestinal bleeding; enlarged liver; pallor or cyanosis of extremities; liquid: frostbite; [potential occupational carcinogen].
Zinc	REL = 5 mg/m^3 PEL = 5 mg/m^3	Metal fume fever: chills, muscle ache, nausea, fever, dry throat, cough; lassitude (weakness, exhaustion); metallic taste; headache; blurred vision; low back pain; vomiting; malaise (vague feeling of discomfort); chest tightness; dyspnea (breathing difficulty), rales, decreased pulmonary function.
Particulates	PEL = 15 mg/m^3 (total) PEL = 5 mg/m^3 (respirable)	Irritation eyes, skin, throat, upper respiratory system.
Notes: REL = National Institute for Occupational Safety and Health Recommended Exposure Limit PEL = OSHA Permissible Exposure Limit STEL = OSHA Short Term Exposure Limit		

The potential health effects from the on-site contaminants listed above are further described in Attachment A.

2.2 Designated Personnel

AKRF will appoint one of its on-site personnel as the Site Safety Officer (SSO). This individual will be responsible for the implementation of this HASP. The SSO will have experience in implementation of air monitoring and hazardous materials sampling programs. Health and safety training required for the SSO and all field personnel is outlined in Section 2.3 of this HASP.

2.3 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 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 Site.

2.4 Medical Surveillance Program

All AKRF and subcontractor personnel performing field work involving subsurface disturbance at the Site 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 Site activities. The medical release shall consider the type of work to be performed and the required personal protective equipment (PPE). The medical examination will, at a minimum, be provided annually and upon termination of hazardous waste Site work.

2.5 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 contaminated 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.

Table 2
Site Work Zones

Task	Exclusion Zone	CRZ	Support Zone
Excavation	15 feet from Excavation Area	15 feet from Excavation Area	As Needed

2.6 Personal Protection Equipment

The PPE required for various kinds of Site 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 Site personnel shall wear, at a minimum, Level D PPE. The protection will be based on the air monitoring described in this section.

Table 4
Personal Protection Equipment Requirements

LEVEL OF PROTECTION & PPE		All Tasks
Level D (**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
Level C *(in addition to Level D)* (**X**) Half-Face Respirator (**X**) Full Face Respirator ( ) Full-Face PAPR	( ) Particulate Cartridge ( ) Organic Cartridge (**X**) Dual Organic/Particulate Cartridge	If PID > 5 ppm or particulates > 0.125 mg/m^3 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		

2.7 General Work Practices

To protect 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 Site. 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 Site. 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.

3.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN

The field crew will be equipped with emergency equipment, such as a first aid kit and disposable eyewashes. 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 Brookdale University Hospital by on-site personnel. Directions to the hospital are provided below, and a hospital route map is provided as Figure 2. Report forms are provided in Attachment B. Emergency hand signals are provided in Attachment C.

Table 5
Hospital Directions

Hospital Name	Brookdale University Hospital
Phone Number	(718) 240-5363
Address/Location	1 Brookdale Plaza, Brooklyn, New York 11212
Directions	1. Exit through the gate on the southern portion of the Site. Turn right onto Atlantic Avenue. 2. Turn left onto Miller Avenue. 3. Turn right onto Glenmore Avenue. 4. Turn left onto Pennsylvania Avenue. 5. Turn right onto New Lots Avenue. 6. Turn left onto Hinsdale Street. 7. Turn right onto Linden Boulevard. 8. Keep left to stay on Linden Boulevard. 9. Turn right onto Rockaway Parkway. 10. The destination will be on the right.

3.1 Emergency Contacts

Table 6
Emergency Contacts

Company	Individual Name	Title	Contact Number
AKRF	Michelle Lapin, P.E.	Remedial Engineer	646-388-9520 (office)
	Deborah Shapiro, QEP	Project Director	646-388-9544 (office)
	Kenneth Wiles	Project Manager	646-388-9828 (office)
	Marco Balletta	SSO	646-270-7195 (cell)
	Claire Bearden	Alternate SSO	336-266-9330 (cell)
Atlantic Chestnut Affordable Housing LLC	Michael Wadman	Client Representative	646-388-8216
Ambulance, Fire Department, & Police Department	-	-	911
NYSDEC Spill Hotline		-	800-457-7362

4.0 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 Atlantic Chestnut – Lot 3 Site located at 275 Chestnut Street in Brooklyn, 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: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
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Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____

FIGURES



Map Source: USGS Topo base map service from The National Map

0 800 1,600

SCALE IN FEET

AKRF

440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

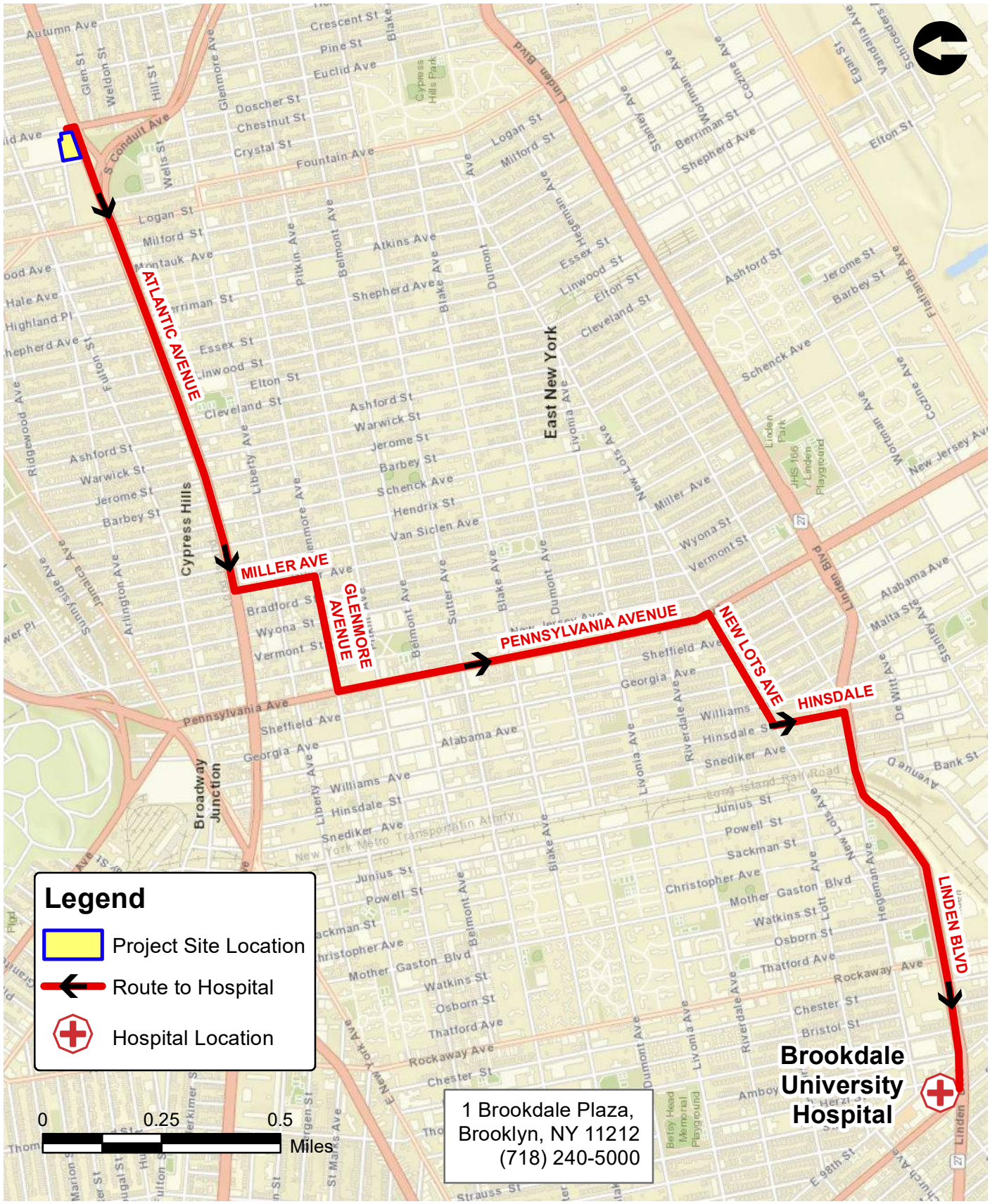
BROWNFIELD CLEANUP PROGRAM SITE LOCATION

DATE
8/26/2022

PROJECT NO.
12184

FIGURE
1

©2018 AKRF W:\Projects\12184 - PHIPPS 3301 ATLANTIC\Technical\GIS and Graphics\hazmat\12184 Fig 1 Site Loc Map.mxd 6/4/2018 7:50:43 AM mveilleux



©2018 AKRF W:\Projects\12184 - PHIPPS 3301 ATLANTIC\Technical\GIS and Graphics\hazmat\12184 Route to Hospital Lot 3.mxd6/4/2018 8:08:27 AM mvelleux

AKRF

440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

HOSPITAL LOCATION MAP

DATE
8/26/2022

PROJECT NO.
12184

FIGURE
2

ATTACHMENT A

POTENTIAL HEALTH EFFECTS FROM ON-SITE CONTAMINANTS

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,2-DICHLOROETHENE
CAS # 540-59-0, 156-59-2, and 156-60-5

This fact sheet answers the most frequently asked health questions (FAQs) about 1,2-dichloroethene. 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.

HIGHLIGHTS: Exposure to 1,2-dichloroethene occurs mainly in workplaces where it is made or used. Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired. *cis*-1,2-Dichloroethene has been found in at least 146 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA). *trans*-1,2-Dichloroethene was found in at least 563 NPL sites. 1,2-Dichloroethene was found at 336 sites, but the isomer (*cis*- or *trans*-) was not specified.

What is 1,2-dichloroethene?

(Pronounced 1,2-dī-klôrʹ ō-ĕthʹēn)

1,2-Dichloroethene, also called 1,2-dichloroethylene, is a highly flammable, colorless liquid with a sharp, harsh odor. It is used to produce solvents and in chemical mixtures. You can smell very small amounts of 1,2-dichloroethene in air (about 17 parts of 1,2-dichloroethene per million parts of air [17 ppm]).

There are two forms of 1,2-dichloroethene; one is called *cis*-1,2-dichloroethene and the other is called *trans*-1,2-dichloroethene. Sometimes both forms are present as a mixture.

What happens to 1,2-dichloroethene when it enters the environment?

- 1,2-Dichloroethene evaporates rapidly into air.
- In the air, it takes about 5-12 days for half of it to break down.
- Most 1,2-dichloroethene in the soil surface or bodies of water will evaporate into air.
- 1,2-Dichloroethene can travel through soil or dissolve in water in the soil. It is possible that it can contaminate groundwater.
- In groundwater, it takes about 13-48 weeks to break down.
- There is a slight chance that 1,2-dichloroethene will break down into vinyl chloride, a different chemical which is believed to be more toxic than 1,2-dichloroethene.

How might I be exposed to 1,2-dichloroethene?

- Breathing 1,2-dichloroethene that has leaked from hazardous waste sites and landfills.
- Drinking contaminated tap water or breathing vapors from contaminated water while cooking, bathing, or washing dishes.
- Breathing 1,2-dichloroethene, touching it, or touching contaminated materials in the workplace.

How can 1,2-dichloroethene affect my health?

Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired; breathing very high levels can kill you.

When animals breathed high levels of *trans*-1,2-dichloroethene for short or longer periods of time, their livers and lungs were damaged and the effects were more severe with longer exposure times. Animals that breathed very high

levels of *trans*-1,2-dichloroethene had damaged hearts.

Animals that ingested extremely high doses of *cis*- or *trans*-1,2-dichloroethene died.

Lower doses of *cis*-1,2-dichloroethene caused effects on the blood, such as decreased numbers of red blood cells, and also effects on the liver.

The long-term (365 days or longer) human health effects after exposure to low concentrations of 1,2-dichloroethene aren't known. One animal study suggested that an exposed fetus may not grow as quickly as one that hasn't been exposed.

Exposure to 1,2-dichloroethene hasn't been shown to affect fertility in people or animals.

How likely is 1,2-dichloroethene to cause cancer?

The EPA has determined that *cis*-1,2-dichloroethene is not classifiable as to its human carcinogenicity.

No EPA cancer classification is available for *trans*-1,2-dichloroethene.

Is there a medical test to show whether I've been exposed to 1,2-dichloroethene?

Tests are available to measure concentrations of the breakdown products of 1,2-dichloroethene in blood, urine, and tissues. However, these tests aren't used routinely to determine whether a person has been exposed to this compound. This is because after you are exposed to 1,2-dichloroethene, the breakdown products in your body that are detected with these tests may be the same as those that come from exposure to other chemicals. These tests aren't available in most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum allowable level of *cis*-1,2-dichloroethene in drinking water at 0.07 milligrams per liter of water (0.07 mg/L) and *trans*-1,2-dichloroethene at 0.1 mg/L.

The EPA requires that any spills or accidental release of 1,000 pounds or more of 1,2-dichloroethene must be reported to the EPA.

The Occupational Health Safety and Health Administration (OSHA) has set the maximum allowable amount of 1,2-dichloroethene in workroom air during an 8-hour workday in a 40-hour workweek at 200 parts of 1,2-dichloroethene per million parts of air (200 ppm).

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Fertility: Ability to reproduce.

Ingest: To eat or drink something.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Solvent: A chemical that can dissolve other substances.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for 1,2-Dichloroethene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

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.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ARSENIC
CAS # 7440-38-2

Division of Toxicology ToxFAQs™ December 2003

This fact sheet answers the most frequently asked health questions (FAQs) about arsenic. 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 higher than average levels of arsenic occurs mostly in the workplace, near hazardous waste sites, or in areas with high natural levels. At high levels, inorganic arsenic can cause death. Exposure to lower levels for a long time can cause a discoloration of the skin and the appearance of small corns or warts. Arsenic has been found at 1,014 of the 1,598 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is arsenic?

Arsenic is a naturally occurring element widely distributed in the earth's crust. In the environment, arsenic is combined with oxygen, chlorine, and sulfur to form inorganic arsenic compounds. Arsenic in animals and plants combines with carbon and hydrogen to form organic arsenic compounds.

Inorganic arsenic compounds are mainly used to preserve wood. Organic arsenic compounds are used as pesticides, primarily on cotton plants.

What happens to arsenic when it enters the environment?

❑ Arsenic cannot be destroyed in the environment. It can only change its form.
❑ Arsenic in air will settle to the ground or is washed out of the air by rain.
❑ Many arsenic compounds can dissolve in water.
❑ Fish and shellfish can accumulate arsenic, but the arsenic in fish is mostly in a form that is not harmful.

How might I be exposed to arsenic?

❑ Eating food, drinking water, or breathing air containing arsenic.
❑ Breathing contaminated workplace air.
❑ Breathing sawdust or burning smoke from wood treated with arsenic.
❑ Living near uncontrolled hazardous waste sites containing arsenic.
❑ Living in areas with unusually high natural levels of arsenic in rock.

How can arsenic affect my health?

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs. Ingesting high levels of inorganic arsenic can result in death. Lower levels of arsenic can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet.

Ingesting or breathing low levels of inorganic arsenic for a long time can cause a darkening of the skin and the

appearance of small "corns" or "warts" on the palms, soles, and torso.

Skin contact with inorganic arsenic may cause redness and swelling.

Organic arsenic compounds are less toxic than inorganic arsenic compounds. Exposure to high levels of some organic arsenic compounds may cause similar effects as inorganic arsenic.

How likely is arsenic to cause cancer?

Several studies have shown that inorganic arsenic can increase the risk of lung cancer, skin cancer, bladder cancer, liver cancer, kidney cancer, and prostate cancer. The World Health Organization (WHO), the Department of Health and Human Services (DHHS), and the EPA have determined that inorganic arsenic is a human carcinogen.

How can arsenic affect children?

We do not know if exposure to arsenic will result in birth defects or other developmental effects in people. Birth defects have been observed in animals exposed to inorganic arsenic.

It is likely that health effects seen in children exposed to high amounts of arsenic will be similar to the effects seen in adults.

How can families reduce the risk of exposure to arsenic?

❑ If you use arsenic-treated wood in home projects, you should wear dust masks, gloves, and protective clothing to decrease exposure to sawdust.
❑ If you live in an area with high levels of arsenic in water or soil, you should use cleaner sources of water and limit contact with soil.

Is there a medical test to show whether I've been exposed to arsenic?

There are tests to measure the level of arsenic in blood, urine, hair, or fingernails. The urine test is the most reliable test for arsenic exposure within the last few days. Tests on hair and fingernails can measure exposure to high levels or arsenic over the past 6-12 months. These tests can determine if you have been exposed to above-average levels of arsenic. They cannot predict how the arsenic levels in your body will affect your health.

Has the federal government made recommendations to protect human health?

EPA has set limits on the amount of arsenic that industrial sources can release to the environment and has restricted or canceled many uses of arsenic in pesticides. EPA has set a limit of 0.01 parts per million (ppm) for arsenic in drinking water.

The Occupational Safety and Health Administration has set limits of 10 μg arsenic per cubic meter of workplace air (10 $\mu g/m^3$) for 8 hour shifts and 40 hour work weeks.

Source of Information

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Arsenic. 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 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.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

BENZENE
CAS # 71-43-2

This fact sheet answers the most frequently asked health questions (FAQs) about benzene. 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.

HIGHLIGHTS: Benzene is a widely used chemical formed from both natural processes and human activities. Breathing benzene can cause drowsiness, dizziness, and unconsciousness; long-term benzene exposure causes effects on the bone marrow and can cause anemia and leukemia. Benzene has been found in at least 813 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is benzene?

(Pronounced bĕn′zēn′)

Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities.

Benzene is widely used in the United States; it ranks in the top 20 chemicals for production volume. Some industries use benzene to make other chemicals which are used to make plastics, resins, and nylon and synthetic fibers. Benzene is also used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides. Natural sources of benzene include volcanoes and forest fires. Benzene is also a natural part of crude oil, gasoline, and cigarette smoke.

What happens to benzene when it enters the environment?

- Industrial processes are the main source of benzene in the environment.
- Benzene can pass into the air from water and soil.
- It reacts with other chemicals in the air and breaks down within a few days.
- Benzene in the air can attach to rain or snow and be carried back down to the ground.
- It breaks down more slowly in water and soil, and can pass through the soil into underground water.
- Benzene does not build up in plants or animals.

How might I be exposed to benzene?

- Outdoor air contains low levels of benzene from tobacco smoke, automobile service stations, exhaust from motor vehicles, and industrial emissions.
- Indoor air generally contains higher levels of benzene from products that contain it such as glues, paints, furniture wax, and detergents.
- Air around hazardous waste sites or gas stations will contain higher levels of benzene.
- Leakage from underground storage tanks or from hazardous waste sites containing benzene can result in benzene contamination of well water.
- People working in industries that make or use benzene may be exposed to the highest levels of it.
- A major source of benzene exposures is tobacco smoke.

How can benzene affect my health?

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

The major effect of benzene from long-term (365 days or longer) exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection.

Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries. It is not known whether benzene exposure affects the developing fetus in pregnant women or fertility in men.

Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.

How likely is benzene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that benzene is a known human carcinogen. Long-term exposure to high levels of benzene in the air can cause leukemia, cancer of the blood-forming organs.

Is there a medical test to show whether I've been exposed to benzene?

Several tests can show if you have been exposed to benzene. There is test for measuring benzene in the breath; this test must be done shortly after exposure. Benzene can also be measured in the blood, however, since benzene disappears rapidly from the blood, measurements are accurate only for recent exposures.

In the body, benzene is converted to products called metabolites. Certain metabolites can be measured in the urine. However, this test must be done shortly after exposure and is not a reliable indicator of how much benzene you have been exposed to, since the metabolites may be present in urine from other sources.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum permissible level of benzene in drinking water at 0.005 milligrams per liter (0.005 mgL). The EPA requires that spills or accidental releases into the environment of 10 pounds or more of benzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a permissible exposure limit of 1 part of benzene per million parts of air (1 ppm) in the workplace during an 8-hour workday, 40-hour workweek.

Glossary

Anemia: A decreased ability of the blood to transport oxygen.

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Chromosomes: Parts of the cells responsible for the development of hereditary characteristics.

Metabolites: Breakdown products of chemicals.

Milligram (mg): One thousandth of a gram.

Pesticide: A substance that kills pests.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Benzene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

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.

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CHROMIUM

CAS # 7440-47-3

Division of Toxicology and Environmental Medicine ToxFAQs™ September 2008

This fact sheet answers the most frequently asked health questions (FAQs) about chromium. 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 chromium occurs from ingesting contaminated food or drinking water or breathing contaminated workplace air. Chromium(VI) at high levels can damage the nose and cause cancer. Ingesting high levels of chromium(VI) may result in anemia or damage to the stomach or intestines. Chromium(III) is an essential nutrient. Chromium has been found in at least 1,127 of the 1,669 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is chromium?

Chromium is a naturally occurring element found in rocks, animals, plants, and soil. It can exist in several different forms. Depending on the form it takes, it can be a liquid, solid, or gas. The most common forms are chromium(0), chromium(III), and chromium(VI). No taste or odor is associated with chromium compounds.

The metal chromium, which is the chromium(0) form, is used for making steel. Chromium(VI) and chromium(III) are used for chrome plating, dyes and pigments, leather tanning, and wood preserving.

What happens to chromium when it enters the environment?

❑ Chromium can be found in air, soil, and water after release from the manufacture, use, and disposal of chromium-based products, and during the manufacturing process.
❑ Chromium does not usually remain in the atmosphere, but is deposited into the soil and water .
❑ Chromium can easily change from one form to another in water and soil, depending on the conditions present.
❑ Fish do not accumulate much chromium in their bodies from water.

How might I be exposed to chromium?

❑ Eating food containing chromium(III).
❑ Breathing contaminated workplace air or skin contact during use in the workplace.
❑ Drinking contaminated well water.
❑ Living near uncontrolled hazardous waste sites containing chromium or industries that use chromium.

How can chromium affect my health?

Chromium(III) is an essential nutrient that helps the body use sugar, protein, and fat.

Breathing high levels of chromium(VI) can cause irritation to the lining of the nose, nose ulcers, runny nose, and breathing problems, such as asthma, cough, shortness of breath, or wheezing. The concentrations of chromium in air that can cause these effects may be different for different types of chromium compounds, with effects occurring at much lower concentrations for chromium(VI) compared to chromium(III).

The main health problems seen in animals following ingestion of chromium(VI) compounds are irritation and ulcers in the stomach and small intestine and anemia. Chromium(III) compounds are much less toxic and do not appear to cause these problems.

Sperm damage and damage to the male reproductive system have also been seen in laboratory animals exposed to chromium(VI).

Skin contact with certain chromium(VI) compounds can cause skin ulcers. Some people are extremely sensitive to chromium(VI) or chromium(III). Allergic reactions consisting of severe redness and swelling of the skin have been noted.

How likely is chromium to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Reseach on Cancer (IARC), and the EPA have determined that chromium(VI) compounds are known human carcinogens. In workers, inhalation of chromium(VI) has been shown to cause lung cancer. Chromium(VI) also causes lung cancer in animals. An increase in stomach tumors was observed in humans and animals exposed to chromium(VI) in drinking water.

How can chromium affect children?

It is likely that health effects seen in children exposed to high amounts of chromium will be similar to the effects seen in adults.

We do not know if exposure to chromium will result in birth defects or other developmental effects in people. Some developmental effects have been observed in animals exposed to chromium(VI).

How can families reduce the risks of exposure to chromium?

❑ Children should avoid playing in soils near uncontrolled hazardous waste sites where chromium may have been discarded.

❑ Chromium is a component of tobacco smoke. Avoid smoking in enclosed spaces like inside the home or car in order to limit exposure to children and other family members.

❑ Although chromium(III) is an essential nutrient, you should avoid excessive use of dietary supplements containing chromium.

Is there a medical test to determine whether I've been exposed to chromium?

Since chromium(III) is an essential element and naturally occurs in food, there will always be some level of chromium in your body. Chromium can be measured in hair, urine, and blood.

Higher than normal levels of chromium in blood or urine may indicate that a person has been exposed to chromium. However , increases in blood and urine chromium levels cannot be used to predict the kind of health effects that might develop from that exposure.

Has the federal government made recommendations to protect human health?

The EPA has determined that exposure to chromium in drinking water at concentrations of 1 mg/L for up to 10 days is not expected to cause any adverse effects in a child.

The FDA has determined that the chromium concentration in bottled drinking water should not exceed 1 mg/L.

The Occupational Health and Safety Administration (OSHA) has limited workers' exposure to an average of 0.0005 mg/m^3 chromium(VI), 0.5 mg/m^3 chromium(III), and 1.0 mg/m^3 chromium(0) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2008. Toxicological Profile for Chromium (Draft for Public Comment). 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 environmenta l quality department if you have any more questions or concerns.

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COPPER

CAS # 7440-50-8

Division of Toxicology ToxFAQs™ **September 2002**

This fact sheet answers the most frequently asked health questions (FAQs) about copper. 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: Copper is a reddish metal that occurs naturally in the environment. It also occurs naturally in plants and animals. Low levels of copper are essential for maintaining good health. High levels can cause harmful effects such as irritation of the nose, mouth and eyes, vomiting, diarrhea, stomach crumps, and nausea. Copper has been found in at least 884 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is copper?

Copper is a reddish metal that occurs naturally in rocks, soil, water, and air. Copper also occurs naturally in plants and animals.

Metallic copper can be easily molded or shaped. Metallic copper can be found in the U.S. penny, electrical wiring, and some water pipes. Metallic copper is also found in mixtures (called alloys) with other metals such as brass and bronze. Copper is also found as part of other compounds forming salts. Copper salts occur naturally, but are also manufactured. The most common copper salt is copper sulfate. Most copper compounds are blue-green in color. Copper compounds are commonly used in agriculture to treat plant diseases like mildew, for water treatment and, as preservatives for wood, leather, and fabrics.

What happens to copper when it enters the environment?

❑ Copper can enter the environment from the mining of copper and other metals and from factories that make or use metallic copper or copper compounds.

❑ It can also enter the environment through domestic waste water, combustion of fossil fuels and wastes, wood production, phosphate fertilizer production, and natural sources (e.g., windblown dust from soils, volcanoes, decaying vegetation, forest fires, and sea spray).

❑ Copper in soil strongly attaches to organic material and minerals.

❑ Copper that dissolves in water becomes rapidly bound to particles suspended in the water.

❑ Copper does not typically enter groundwater.

❑ Copper carried by particles emitted from smelters and ore processing plants is carried back to the ground by gravity or in rain or snow.

❑ Copper does not break down in the environment.

How might I be exposed to copper?

❑ Breathing air, drinking water, eating food, and by skin contact with soil, water, or other copper-containing substances.

❑ Some copper in the environment can be taken up by plants and animals.

❑ Higher exposure may occur if your water is corrosive and you have copper plumbing and brass water fixtures. ❑ You may be exposed to higher amounts of copper if you drink water or swim in lakes or reservoirs recently treated with copper to control algae or receive cooling water from a power plant that may have high amounts of dissolved copper.

❑ Using some garden products (e.g., fungicides) to control plant diseases.

❑ Living near bronze and brass production facilities may expose you to higher copper levels in soil.

❑ You may breathe copper-containing dust or have skin contact if you work in the industry of mining copper or

processing the ore. You may breathe high levels if you grind or weld copper metal.

How can copper affect my health?

Copper is essential for good health, but high amounts can be harmful. Long-term exposure to copper dust can irritate your nose, mouth, and eyes, and cause headaches, dizziness, nausea, and diarrhea.

Drinking water with higher than normal levels of copper may cause vomiting, diarrhea, stomach cramps, and nausea. Intentionally high intakes of copper can cause liver and kidney damage and even death.

How likely is copper to cause cancer?

We do not know whether copper can cause cancer in humans. The EPA has determined that copper is not classifiable as to carcinogenicity.

How can copper affect children?

Exposure to high levels of copper will result in the same type of effects in children and adults. Studies in animals suggest that the young children may have more severe effects than adults; we do not know if this would also be true in humans. There is a very small percentage of infants and children who are unusually sensitive to copper.

We do not know if copper can cause birth defects or other developmental effects in humans. Studies in animals suggest that ingestion of high levels of copper may cause a decrease in fetal growth.

How can families reduce the risk of exposure to copper?

❑ The greatest potential source of copper exposure is through drinking water, especially in water that is first drawn in the morning after sitting in copper pipes and brass faucets overnight.

❑ To reduce exposure, run the water for at least 15-30 seconds before using it.

❑ If you are exposed to copper at work, you may carry copper home on your skin, clothes, or tools. You can avoid this by showering, and changing 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 copper?

Copper is normally found in all tissues of the body, blood, urine, feces, hair, and nails. High levels of copper in these samples can show that you have been exposed to higher than normal levels of copper. Tests to measure copper levels in the body are not routinely available at the doctor's office because they require special equipment. These tests cannot tell the extent of exposure or whether you will experience harmful effects.

Has the federal government made recommendations to protect human health?

The EPA has determined that drinking water should not contain more than 1.3 milligrams of copper per liter of water (1.3 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.1 mg per cubic meter (0.1 mg/m^3) of copper fumes (vapor generated from heating copper) and 1 mg/m^3 of copper dusts (fine metallic copper particles) and mists (aerosol of soluble copper) in workroom air during an 8-hour work shift, 40-hour workweek.

The Food and Nutrition Board of the Institute of Medicine recommends dietary allowances (RDAs) of 340 micrograms (340 µg) of copper per day for children aged 1-3 years, 440 µg/day for children aged 4-8 years, 700 µg/day for children aged 9-13 years, 890 µg/day for children aged 14-18 years, and 900 µg/day for adults.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for Copper (Draft for Public Comment). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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ETHYLBENZENE
CAS # 100-41-4

Agency for Toxic Substances and Disease Registry ToxFAQs **June 1999**

This fact sheet answers the most frequently asked health questions (FAQs) about ethylbenzene. 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: Ethylbenzene is a colorless liquid found in a number of products including gasoline and paints. Breathing very high levels can cause dizziness and throat and eye irritation. Ethylbenzene has been found in at least 731 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is ethylbenzene?

(Pronounced ĕthʹ əl bĕnʹ zēnʹ)

Ethylbenzene is a colorless, flammable liquid that smells like gasoline. It is found in natural products such as coal tar and petroleum and is also found in manufactured products such as inks, insecticides, and paints.

Ethylbenzene is used primarily to make another chemical, styrene. Other uses include as a solvent, in fuels, and to make other chemicals.

What happens to ethylbenzene when it enters the environment?

- Ethylbenzene moves easily into the air from water and soil.
- It takes about 3 days for ethylbenzene to be broken down in air into other chemicals.
- Ethylbenzene may be released to water from industrial discharges or leaking underground storage tanks.
- In surface water, ethylbenzene breaks down by reacting with other chemicals found naturally in water.
- In soil, it is broken down by soil bacteria.

How might I be exposed to ethylbenzene?

- Breathing air containing ethylbenzene, particularly in areas near factories or highways.
- Drinking contaminated tap water.
- Working in an industry where ethylbenzene is used or made.
- Using products containing it, such as gasoline, carpet glues, varnishes, and paints.

How can ethylbenzene affect my health?

Limited information is available on the effects of ethylbenzene on people's health. The available information shows dizziness, throat and eye irritation, tightening of the chest, and a burning sensation in the eyes of people exposed to high levels of ethylbenzene in air.

Animals studies have shown effects on the nervous system, liver, kidneys, and eyes from breathing ethylbenzene in air.

How likely is ethylbenzene to cause cancer?

The EPA has determined that ethylbenzene is not classifiable as to human carcinogenicity.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

No studies in people have shown that ethylbenzene exposure can result in cancer. Two available animal studies suggest that ethylbenzene may cause tumors.

How can ethylbenzene affect children?

Children may be exposed to ethylbenzene through inhalation of consumer products, including gasoline, paints, inks, pesticides, and carpet glue. We do not know whether children are more sensitive to the effects of ethylbenzene than adults.

It is not known whether ethylbenzene can affect the development of the human fetus. Animal studies have shown that when pregnant animals were exposed to ethylbenzene in air, their babies had an increased number of birth defects.

How can families reduce the risk of exposure to ethylbenzene?

Exposure to ethylbenzene vapors from household products and newly installed carpeting can be minimized by using adequate ventilation.

Household chemicals should be stored out of reach of children to prevent accidental poisoning. Always store household chemicals in their original containers; never store them in containers children would find attractive to eat or drink from, such as old soda bottles. Gasoline should be stored in a gasoline can with a locked cap.

Sometimes older children sniff household chemicals, including ethylbenzene, in an attempt to get high. Talk with your children about the dangers of sniffing chemicals.

Is there a medical test to show whether I've been exposed to ethylbenzene?

Ethylbenzene is found in the blood, urine, breath, and some body tissues of exposed people. The most common way to test for ethylbenzene is in the urine. This test measures substances formed by the breakdown of ethylbenzene. This test needs to be done within a few hours after exposure occurs, because the substances leave the body very quickly.

These tests can show you were exposed to ethylbenzene, but cannot predict the kind of health effects that might occur.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level of 0.7 milligrams of ethylbenzene per liter of drinking water (0.7 mg/L).

The EPA requires that spills or accidental releases into the environment of 1,000 pounds or more of ethylbenzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 100 parts of ethylbenzene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for ethylbenzene. 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.

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FUEL OILS

CAS # 8008-20-6, 70892-10-3, 68476-30-2, 68476-34-6, 68476-31-3

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 fyo͞o′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

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, lightheadedness, 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^3) 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.

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LEAD

CAS # 7439-92-1

Division of Toxicology and Environmental Medicine ToxFAQs™ **August 2007**

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

(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 or 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 (μg/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 μg/dL to be a level of concern for children.

EPA limits lead in drinking water to 15 μg 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.

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MERCURY
CAS # 7439-97-6

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,

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^3) and 0.05 mg/m^3 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.

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1996**

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′ĭ-sī′klĭk ăr′ə-măt′ĭk 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; smokehouses; 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.

- 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 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 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 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.

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TRICHLOROETHYLENE

CAS # 79-01-6

Division of Toxicology ToxFAQs™ **July 2003**

This fact sheet answers the most frequently asked health questions (FAQs) about trichloroethylene. 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.

HIGHLIGHTS: Trichloroethylene is a colorless liquid which is used as a solvent for cleaning metal parts. Drinking or breathing high levels of trichloroethylene may cause nervous system effects, liver and lung damage, abnormal heartbeat, coma, and possibly death. Trichloroethylene has been found in at least 852 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is trichloroethylene?

Trichloroethylene (TCE) is a nonflammable, colorless liquid with a somewhat sweet odor and a sweet, burning taste. It is used mainly as a solvent to remove grease from metal parts, but it is also an ingredient in adhesives, paint removers, typewriter correction fluids, and spot removers.

Trichloroethylene is not thought to occur naturally in the environment. However, it has been found in underground water sources and many surface waters as a result of the manufacture, use, and disposal of the chemical.

What happens to trichloroethylene when it enters the environment?

- Trichloroethylene dissolves a little in water, but it can remain in ground water for a long time.
- Trichloroethylene quickly evaporates from surface water, so it is commonly found as a vapor in the air.
- Trichloroethylene evaporates less easily from the soil than from surface water. It may stick to particles and remain for a long time.
- Trichloroethylene may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- Trichloroethylene does not build up significantly in plants and animals.

How might I be exposed to trichloroethylene?

- Breathing air in and around the home which has been contaminated with trichloroethylene vapors from shower water or household products such as spot removers and typewriter correction fluid.
- Drinking, swimming, or showering in water that has been contaminated with trichloroethylene.
- Contact with soil contaminated with trichloroethylene, such as near a hazardous waste site.
- Contact with the skin or breathing contaminated air while manufacturing trichloroethylene or using it at work to wash paint or grease from skin or equipment.

How can trichloroethylene affect my health?

Breathing small amounts may cause headaches, lung irritation, dizziness, poor coordination, and difficulty concentrating.

Breathing large amounts of trichloroethylene may cause impaired heart function, unconsciousness, and death. Breathing it for long periods may cause nerve, kidney, and liver damage.

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

Drinking large amounts of trichloroethylene may cause nausea, liver damage, unconsciousness, impaired heart function, or death.

Drinking small amounts of trichloroethylene for long periods may cause liver and kidney damage, impaired immune system function, and impaired fetal development in pregnant women, although the extent of some of these effects is not yet clear.

Skin contact with trichloroethylene for short periods may cause skin rashes.

How likely is trichloroethylene to cause cancer?

Some studies with mice and rats have suggested that high levels of trichloroethylene may cause liver, kidney, or lung cancer. Some studies of people exposed over long periods to high levels of trichloroethylene in drinking water or in workplace air have found evidence of increased cancer. Although, there are some concerns about the studies of people who were exposed to trichloroethylene, some of the effects found in people were similar to effects in animals.

In its 9th Report on Carcinogens, the National Toxicology Program (NTP) determined that trichloroethylene is "reasonably anticipated to be a human carcinogen." The International Agency for Research on Cancer (IARC) has determined that trichloroethylene is "probably carcinogenic to humans."

Is there a medical test to show whether I've been exposed to trichloroethylene?

If you have recently been exposed to trichloroethylene, it can be detected in your breath, blood, or urine. The breath test, if it is performed soon after exposure, can tell if you have been exposed to even a small amount of trichloroethylene.

Exposure to larger amounts is assessed by blood and urine tests, which can detect trichloroethylene and many of its breakdown products for up to a week after exposure. However, exposure to other similar chemicals can produce the same breakdown products, so their detection is not absolute proof of exposure to trichloroethylene. This test isn't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level for trichloroethylene in drinking water at 0.005 milligrams per liter (0.005 mg/L) or 5 parts of TCE per billion parts water.

The EPA has also developed regulations for the handling and disposal of trichloroethylene.

The Occupational Safety and Health Administration (OSHA) has set an exposure limit of 100 parts of trichloroethylene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: The ability of a substance to cause cancer.
CAS: Chemical Abstracts Service.
Evaporate: To change into a vapor or gas.
Milligram (mg): One thousandth of a gram.
Nonflammable: Will not burn.
ppm: Parts per million.
Sediment: Mud and debris that have settled to the bottom of a body of water.
Solvent: A chemical that dissolves other substances.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Trichloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

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 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.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

TETRACHLOROETHYLENE
CAS # 127-18-4

This fact sheet answers the most frequently asked health questions (FAQs) about tetrachloroethylene. 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: Tetrachloroethylene is a manufactured chemical used for dry cleaning and metal degreasing. Exposure to very high concentrations of tetrachloroethylene can cause dizziness, headaches, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death. Tetrachloroethylene has been found in at least 771 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is tetrachloroethylene?

(Pronounced tĕt′rə-klôr′ ō-ĕth′ə-lēn′)

Tetrachloroethylene is a manufactured chemical that is widely used for dry cleaning of fabrics and for metal-degreasing. It is also used to make other chemicals and is used in some consumer products.

Other names for tetrachloroethylene include perchloroethylene, PCE, and tetrachloroethene. It is a nonflammable liquid at room temperature. It evaporates easily into the air and has a sharp, sweet odor. Most people can smell tetrachloroethylene when it is present in the air at a level of 1 part tetrachloroethylene per million parts of air (1 ppm) or more, although some can smell it at even lower levels.

What happens to tetrachloroethylene when it enters the environment?

- Much of the tetrachloroethylene that gets into water or soil evaporates into the air.
- Microorganisms can break down some of the tetrachloroethylene in soil or underground water.
- In the air, it is broken down by sunlight into other chemicals or brought back to the soil and water by rain.
- It does not appear to collect in fish or other animals that live in water.

How might I be exposed to tetrachloroethylene?

- When you bring clothes from the dry cleaners, they will release small amounts of tetrachloroethylene into the air.
- When you drink water containing tetrachloroethylene, you are exposed to it.

How can tetrachloroethylene affect my health?

High concentrations of tetrachloroethylene (particularly in closed, poorly ventilated areas) can cause dizziness, headache, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death.

Irritation may result from repeated or extended skin contact with it. These symptoms occur almost entirely in work (or hobby) environments when people have been accidentally exposed to high concentrations or have intentionally used tetrachloroethylene to get a "high."

In industry, most workers are exposed to levels lower than those causing obvious nervous system effects. The health effects of breathing in air or drinking water with low levels of tetrachloroethylene are not known.

Results from some studies suggest that women who work in dry cleaning industries where exposures to tetrachloroethyl-

ene can be quite high may have more menstrual problems and spontaneous abortions than women who are not exposed. However, it is not known if tetrachloroethylene was responsible for these problems because other possible causes were not considered.

Results of animal studies, conducted with amounts much higher than those that most people are exposed to, show that tetrachloroethylene can cause liver and kidney damage. Exposure to very high levels of tetrachloroethylene can be toxic to the unborn pups of pregnant rats and mice. Changes in behavior were observed in the offspring of rats that breathed high levels of the chemical while they were pregnant.

How likely is tetrachloroethylene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that tetrachloroethylene may reasonably be anticipated to be a carcinogen. Tetrachloroethylene has been shown to cause liver tumors in mice and kidney tumors in male rats.

Is there a medical test to show whether I've been exposed to tetrachloroethylene?

One way of testing for tetrachloroethylene exposure is to measure the amount of the chemical in the breath, much the same way breath-alcohol measurements are used to determine the amount of alcohol in the blood.

Because it is stored in the body's fat and slowly released into the bloodstream, tetrachloroethylene can be detected in the breath for weeks following a heavy exposure.

Tetrachloroethylene and trichloroacetic acid (TCA), a breakdown product of tetrachloroethylene, can be detected in the blood. These tests are relatively simple to perform. These tests aren't available at most doctors' offices, but can be performed at special laboratories that have the right equipment.

Because exposure to other chemicals can produce the same breakdown products in the urine and blood, the tests for breakdown products cannot determine if you have been exposed to tetrachloroethylene or the other chemicals.

Has the federal government made recommendations to protect human health?

The EPA maximum contaminant level for the amount of tetrachloroethylene that can be in drinking water is 0.005 milligrams tetrachloroethylene per liter of water (0.005 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 100 ppm for an 8-hour workday over a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that tetrachloroethylene be handled as a potential carcinogen and recommends that levels in workplace air should be as low as possible.

Glossary

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Milligram (mg): One thousandth of a gram.

Nonflammable: Will not burn.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Tetrachloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

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.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

TOLUENE
CAS # 108-88-3

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about toluene. 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 toluene occurs from breathing contaminated workplace air, in automobile exhaust, some consumer products paints, paint thinners, fingernail polish, lacquers, and adhesives. Toluene affects the nervous system. Toluene has been found at 959 of the 1,591 National Priority List sites identified by the Environmental Protection Agency

What is toluene?

Toluene is a clear, colorless liquid with a distinctive smell. Toluene occurs naturally in crude oil and in the tolu tree. It is also produced in the process of making gasoline and other fuels from crude oil and making coke from coal.

Toluene is used in making paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes.

What happens to toluene when it enters the environment?

❑ Toluene enters the environment when you use materials that contain it. It can also enter surface water and groundwater from spills of solvents and petrolieum products as well as from leasking underground storage tanks at gasoline stations and other facilities.

❑ When toluene-containing products are placed in landfills or waste disposal sites, the toluene can enter the soil or water near the waste site.

❑ Toluene does not usually stay in the environment long.

❑ Toluene does not concentrate or buildup to high levels in animals.

How might I be exposed to toluene?

❑ Breathing contaminated workplace air or automobile exhaust.

❑ Working with gasoline, kerosene, heating oil, paints, and lacquers.

❑ Drinking contaminated well-water.

❑ Living near uncontrolled hazardous waste sites containing toluene products.

How can toluene affect my health?

Toluene may affect the nervous system. Low to moderate levles can cause tiredness, confusion, weakness, drunken-type actions, memory loss, nausea, loss of appetite, and

hearing and color vision loss. These symptoms usually disappear when exposure is stopped.

Inhaling High levels of toluene in a short time can make you feel light-headed, dizzy, or sleepy. It can also cause unconsciousness, and even death.

High levels of toluene may affect your kidneys.

How likely is toluene to cause cancer?

Studies in humans and animals generally indicate that toluene does not cause cancer.

The EPA has determined that the carcinogenicity of toluene can not be classified.

How can toluene affect children?

It is likely that health effects seen in children exposed to toluene will be similar to the effects seen in adults. Some studies in animals suggest that babies may be more sensitive than adults.

Breathing very high levels of toluene during pregnancy can result in children with birth defects and retard mental abilities, and growth. We do not know if toluene harms the unborn child if the mother is exposed to low levels of toluene during pregnancy.

How can families reduce the risk of exposure to toluene?

❑ Use toluene-containing products in well-ventilated areas.

❑ When not in use, toluene-containing products should be tightly covered to prevent evaporation into the air.

Is there a medical test to show whether I've been exposed to toluene?

There are tests to measure the level of toluene or its breakdown products in exhaled air, urine, and blood. To determine if you have been exposed to toluene, your urine or blood must be checked within 12 hours of exposure. Several other chemicals are also changed into the same breakdown products as toluene, so some of these tests are not specific for toluene.

Has the federal government made recommendations to protect human health?

EPA has set a limit of 1 milligram per liter of drinking water (1 mg/L).

Discharges, releases, or spills of more than 1,000 pounds of toluene must be reported to the National Response Center.

The Occupational Safety and Health Administration has set a limit of 200 parts toluene per million of workplace air (200 ppm).

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Toluene. 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 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.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

VINYL CHLORIDE

CAS # 75-01-4

Division of Toxicology and Environmental Medicine ToxFAQs™ **July 2006**

This fact sheet answers the most frequently asked health questions (FAQs) about vinyl chloride. 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 vinyl chloride occurs mainly in the workplace. Breathing high levels of vinyl chloride for short periods of time can cause dizziness, sleepiness, unconsciousness, and at extremely high levels can cause death. Breathing vinyl chloride for long periods of time can result in permanent liver damage, immune reactions, nerve damage, and liver cancer. This substance has been found in at least 616 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is vinyl chloride?

Vinyl chloride is a colorless gas. It burns easily and it is not stable at high temperatures. It has a mild, sweet odor. It is a manufactured substance that does not occur naturally. It can be formed when other substances such as trichloroethane, trichloroethylene, and tetrachloroethylene are broken down. Vinyl chloride is used to make polyvinyl chloride (PVC). PVC is used to make a variety of plastic products, including pipes, wire and cable coatings, and packaging materials.

Vinyl chloride is also known as chloroethene, chloroethylene, and ethylene monochloride.

What happens to vinyl chloride when it enters the environment?

❑ Liquid vinyl chloride evaporates easily. Vinyl chloride in water or soil evaporates rapidly if it is near the surface.
❑ Vinyl chloride in the air breaks down in a few days to other substances, some of which can be harmful.
❑ Small amounts of vinyl chloride can dissolve in water.
❑ Vinyl chloride is unlikely to build up in plants or animals that you might eat.

How might I be exposed to vinyl chloride?

❑ Breathing vinyl chloride that has been released from plastics industries, hazardous waste sites, and landfills.
❑ Breathing vinyl chloride in air or during contact with your skin or eyes in the workplace.
❑ Drinking water from contaminated wells.

How can vinyl chloride affect my health?

Breathing high levels of vinyl chloride can cause you to feel dizzy or sleepy. Breathing very high levels can cause you to pass out, and breathing extremely high levels can cause death.

Some people who have breathed vinyl chloride for several years have changes in the structure of their livers. People are more likely to develop these changes if they breathe high levels of vinyl chloride. Some people who work with vinyl chloride have nerve damage and develop immune reactions. The lowest levels that produce liver changes, nerve damage, and immune reaction in people are not known. Some workers exposed to very high levels of vinyl chloride have problems with the blood flow in their hands. Their fingers turn white and hurt when they go into the cold.

The effects of drinking high levels of vinyl chloride are unknown. If you spill vinyl chloride on your skin, it will cause numbness, redness, and blisters.

Animal studies have shown that long-term exposure to vinyl chloride can damage the sperm and testes.

How likely is vinyl chloride to cause cancer?

The U.S. Department of Health and Human Services has determined that vinyl chloride is a known carcinogen. Studies in workers who have breathed vinyl chloride over many years showed an increased risk of liver, brain, lung cancer, and some cancers of the blood have also been observed in workers.

How can vinyl chloride affect children?

It has not been proven that vinyl chloride causes birth defects in humans, but studies in animals suggest that vinyl chloride might affect growth and development. Animal studies also suggest that infants and young children might be more susceptible than adults to vinyl chloride-induced cancer.

How can families reduce the risk of exposure to vinyl chloride?

Tobacco smoke contains low levels of vinyl chloride, so limiting your family's exposure to cigarette or cigar smoke may help reduce their exposure to vinyl chloride.

Is there a medical test to show whether I've been exposed to vinyl chloride?

The results of several tests can sometimes show if you have been exposed to vinyl chloride. Vinyl chloride can be measured in your breath, but the test must be done shortly after exposure. This is not helpful for measuring very low levels of vinyl chloride.

The amount of the major breakdown product of vinyl chloride, thiodiglycolic acid, in the urine may give some information about exposure. However, this test must be done shortly after exposure and does not reliably indicate the level of exposure.

Has the federal government made recommendations to protect human health?

Vinyl chloride is regulated in drinking water, food, and air. The EPA requires that the amount of vinyl chloride in drinking water not exceed 0.002 milligrams per liter (mg/L) of water.

The Occupational Safety and Health Administration (OSHA) has set a limit of 1 part vinyl chloride per 1 million parts of air (1 ppm) in the workplace.

The Food and Drug Administration (FDA) regulates the vinyl chloride content of various plastics. These include plastics that carry liquids and plastics that contact food. The limits for vinyl chloride content vary depending on the nature of the plastic and its use.

Reference

Agency for Toxic Substances and Disease Registry (ATSDR). 2006. Toxicological Profile for Vinyl Chloride (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 and Environmental Medicine, 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.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

XYLENE
CAS # 1330-20-7

This fact sheet answers the most frequently asked health questions (FAQs) about xylene. 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 xylene occurs in the workplace and when you use paint, gasoline, paint thinners and other products that contain it. People who breathe high levels may have dizziness, confusion, and a change in their sense of balance. This substance has been found in at least 658 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is xylene?

(Pronounced zī′lēn)

Xylene is a colorless, sweet-smelling liquid that catches on fire easily. It occurs naturally in petroleum and coal tar and is formed during forest fires. You can smell xylene in air at 0.08–3.7 parts of xylene per million parts of air (ppm) and begin to taste it in water at 0.53–1.8 ppm.

Chemical industries produce xylene from petroleum. It's one of the top 30 chemicals produced in the United States in terms of volume.

Xylene is used as a solvent and in the printing, rubber, and leather industries. It is also used as a cleaning agent, a thinner for paint, and in paints and varnishes. It is found in small amounts in airplane fuel and gasoline.

What happens to xylene when it enters the environment?

- Xylene has been found in waste sites and landfills when discarded as used solvent, or in varnish, paint, or paint thinners.
- It evaporates quickly from the soil and surface water into the air.
- In the air, it is broken down by sunlight into other less harmful chemicals.
- It is broken down by microorganisms in soil and water.
- Only a small amount of it builds up in fish, shellfish, plants, and animals living in xylene-contaminated water.

How might I be exposed to xylene?

- Breathing xylene in workplace air or in automobile exhaust.
- Breathing contaminated air.
- Touching gasoline, paint, paint removers, varnish, shellac, and rust preventatives that contain it.
- Breathing cigarette smoke that has small amounts of xylene in it.
- Drinking contaminated water or breathing air near waste sites and landfills that contain xylene.
- The amount of xylene in food is likely to be low.

How can xylene affect my health?

Xylene affects the brain. High levels from exposure for short periods (14 days or less) or long periods (more than 1 year) can cause headaches, lack of muscle coordination, dizziness, confusion, and changes in one's sense of balance. Exposure of

people to high levels of xylene for short periods can also cause irritation of the skin, eyes, nose, and throat; difficulty in breathing; problems with the lungs; delayed reaction time; memory difficulties; stomach discomfort; and possibly changes in the liver and kidneys. It can cause unconsciousness and even death at very high levels.

Studies of unborn animals indicate that high concentrations of xylene may cause increased numbers of deaths, and delayed growth and development. In many instances, these same concentrations also cause damage to the mothers. We do not know if xylene harms the unborn child if the mother is exposed to low levels of xylene during pregnancy.

How likely is xylene to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that xylene is not classifiable as to its carcinogenicity in humans.

Human and animal studies have not shown xylene to be carcinogenic, but these studies are not conclusive and do not provide enough information to conclude that xylene does not cause cancer.

Is there a medical test to show whether I've been exposed to xylene?

Laboratory tests can detect xylene or its breakdown products in exhaled air, blood, or urine. There is a high degree of agreement between the levels of exposure to xylene and the levels of xylene breakdown products in the urine. However, a urine sample must be provided very soon after exposure ends because xylene quickly leaves the body. These tests are not routinely available at your doctor's office.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 10 ppm of xylene in drinking water.

The EPA requires that spills or accidental releases of xylenes into the environment of 1,000 pounds or more must be reported.

The Occupational Safety and Health Administration (OSHA) has set a maximum level of 100 ppm xylene in workplace air for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) and the American Conference of Governmental Industrial Hygienists (ACGIH) also recommend exposure limits of 100 ppm in workplace air.

NIOSH has recommended that 900 ppm of xylene be considered immediately dangerous to life or health. This is the exposure level of a chemical that is likely to cause permanent health problems or death.

Glossary

Evaporate: To change from a liquid into a vapor or a gas.

Carcinogenic: Having the ability to cause cancer.

CAS: Chemical Abstracts Service.

ppm: Parts per million.

Solvent: A liquid that can dissolve other substances.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for xylenes (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 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.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ZINC
CAS # 7440-66-6

Division of Toxicology ToxFAQs™ **August 2005**

This fact sheet answers the most frequently asked health questions (FAQs) about zinc. 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: Zinc is a naturally occurring element. Exposure to high levels of zinc occurs mostly from eating food, drinking water, or breathing workplace air that is contaminated. Low levels of zinc are essential for maintaining good health. Exposure to large amounts of zinc can be harmful. It can cause stomach cramps, anemia, and changes in cholesterol levels. Zinc has been found in at least 985 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is zinc?

Zinc is one of the most common elements in the earth's crust. It is found in air, soil, and water, and is present in all foods. Pure zinc is a bluish-white shiny metal.

Zinc has many commercial uses as coatings to prevent rust, in dry cell batteries, and mixed with other metals to make alloys like brass, and bronze. A zinc and copper alloy is used to make pennies in the United States.

Zinc combines with other elements to form zinc compounds. Common zinc compounds found at hazardous waste sites include zinc chloride, zinc oxide, zinc sulfate, and zinc sulfide. Zinc compounds are widely used in industry to make paint, rubber, dyes, wood preservatives, and ointments.

What happens to zinc when it enters the environment?

❏ Some is released into the environment by natural processes, but most comes from human activities like mining, steel production, coal burning, and burning of waste.
❏ It attaches to soil, sediments, and dust particles in the air.
❏ Rain and snow remove zinc dust particles from the air.
❏ Depending on the type of soil, some zinc compounds can move into the groundwater and into lakes, streams, and rivers.
❏ Most of the zinc in soil stays bound to soil particles and does not dissolve in water.
❏ It builds up in fish and other organisms, but it does not build up in plants.

How might I be exposed to zinc?

❏ Ingesting small amounts present in your food and water.
❏ Drinking contaminated water or a beverage that has been stored in metal containers or flows through pipes that have been coated with zinc to resist rust.
❏ Eating too many dietary supplements that contain zinc.
❏ Working on any of the following jobs: construction, painting, automobile mechanics, mining, smelting, and welding; manufacture of brass, bronze, or other zinc-containing alloys; manufacture of galvanized metals; and manufacture of machine parts, rubber, paint, linoleum, oilcloths, batteries, some kind of glass, ceramics, and dyes.

How can zinc affect my health?

Zinc is an essential element in our diet. Too little zinc can cause problems, but too much zinc is also harmful.

Harmful effects generally begin at levels 10-15 times higher than the amount needed for good health. Large doses taken by mouth even for a short time can cause stomach cramps, nausea, and vomiting. Taken longer, it can cause anemia and decrease the levels of your good cholesterol. We do not know if high levels of zinc affect reproduction in humans. Rats that were fed large amounts of zinc became infertile.

Inhaling large amounts of zinc (as dusts or fumes) can cause a specific short-term disease called metal fume fever. We do not know the long-term effects of breathing high levels of zinc.

Putting low levels of zinc acetate and zinc chloride on the skin of rabbits, guinea pigs, and mice caused skin irritation. Skin irritation will probably occur in people.

How likely is zinc to cause cancer?

The Department of Health and Human Services (DHHS) and the International Agency for Research on Cancer (IARC) have not classified zinc for carcinogenicity. Based on incomplete information from human and animal studies, the EPA has determined that zinc is not classifiable as to its human carcinogenicity.

How can zinc affect children?

Zinc is essential for proper growth and development of young children. It is likely that children exposed to very high levels of zinc will have similar effects as adults. We do not know whether children are more susceptible to the effects of excessive intake of zinc than the adults.

We do not know if excess zinc can cause developmental effects in humans. Animal studies have found decreased weight in the offspring of animals that ingested very high amounts of zinc.

How can families reduce the risks of exposure to zinc?

❑ Children living near waste sites that contain zinc may be exposed to higher levels of zinc through breathing contaminated air, drinking contaminated drinking water, touching or eating contaminated soil.

❑ Discourage your children from eating soil or putting their hands in their mouths and teach them to wash their hands frequently and before eating.

❑ If you use medicines or vitamin supplements containing zinc, make sure you use them appropriately and keep them out of the reach of children.

Is there a medical test to determine whether I've been exposed to zinc?

There are tests available to measure zinc in your blood, urine, hair, saliva, and feces. These tests are not usually done in the doctor's office because they require special equipment. High levels of zinc in the feces can mean high recent zinc exposure. High levels of zinc in the blood can mean high zinc consumption and/or high exposure. Tests to measure zinc in hair may provide information on long-term zinc exposure; however, the relationship between levels in your hair and the amount of zinc you were exposed to is not clear.

Has the federal government made recommendations to protect human health?

The EPA recommends that drinking water should contain no more than 5 milligrams per liter of water (5 mg/L) because of taste. The EPA requires that any release of 1,000 pounds (or in some cases 5,000 pounds) into the environment be reported to the agency.

To protect workers, the Occupational Safety and Health Administration (OSHA) has set an average limit of 1 mg/m^3 for zinc chloride fumes and 5 mg/m^3 for zinc oxide (dusts and fumes) in workplace air during an 8-hour workday, 40-hour workweek.

Similarly, the National Institute for Occupational Safety and Health (NIOSH) has set the same standards for up to a 10-hour workday over a 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2005. Toxicological Profile for Zinc (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, 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 B

REPORT FORMS

WEEKLY SAFETY REPORT FORM

Week Ending: _____ Project Name/Number: Atlantic Chestnut – Lot 3

Report Date: _____ Project Manager Name: Kenneth Wiles

Summary of any violations of procedures occurring that week:

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

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

Comments:

Name: _____ Company: _____

Signature: _____ Title: _____

INCIDENT REPORT FORM

Date of Report: _____

Injured: _____

Employer: _____

Site: Atlantic Chestnut – Lot 3 Site Location: 275 Chestnut Street, Brooklyn, New York

Report Prepared By: _____ _____
Signature Title

ACCIDENT/INCIDENT CATEGORY (check all that applies)

___Injury	___ Illness	___ Near Miss
__ Property Damage	___ Fire	___ Chemical Exposure
__ On-site Equipment	___ Motor Vehicle	___ Electrical
__ Mechanical	___ Spill	___ 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.

_____

_____

_____

_____

_____

_____

_____

_____

_____

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)

_____

_____

_____

_____

Was weather a factor?:_____

_____

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

_____

_____

_____

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

_____

_____

ON-SITE ACCIDENTS/INCIDENTS:

Level of personal protection equipment required in Site Safety Plan:

_____

_____

Modifications:

_____

Was injured using required equipment?:

_____

_____

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

_____

_____

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?

_____

_____

_____

_____

_____

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: _____

_____

_____

_____

Physician's recommendations: _____

_____

_____

_____

Date injured returned to work: _____

Follow-up performed by:

_____ _____

Signature Title

ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM

ATTACHMENT C

EMERGENCY HAND SIGNALS

EMERGENCY SIGNALS

In most cases, field personnel will carry mobile cell phones. If this is the case, a call, text message, or other notification that indicates an emergency will take priority over all other calls, texts, or notifications.

Where cell phone communications is not available, the following air-horn and/or hand signals will be used:

EMERGENCY HAND SIGNALS

OUT OF AIR, CAN'T BREATH!



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 B

COMMUNITY AIR MONITORING PLAN

ATLANTIC CHESTNUT – LOT 3
275 CHESTNUT STRET
BROOKLYN, NEW YORK

Community Air Monitoring Plan
for Interim Remedial Measure Work Plan
for Pedestrian Plaza Excavation

AKRF Project Number: 12184
BCP Site Number: C224236

Prepared for:

NYSDEC Region 2
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, New York 11101

On Behalf Of:

Atlantic Chestnut Affordable Housing LLC
902 Broadway, 13th Floor
New York, New York 10010

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

MARCH 2023

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IN-TEXT TABLES

Table 1 – Work Zone Action Levels and Required Responses
Table 2 – Project Contacts

FIGURE

Figure 1 – Brownfield Cleanup Program Site Location Map

ATTACHMENT

Attachment A – NYSDOH Generic CAMP and Special Requirements

1.0 INTRODUCTION

This Community Air Monitoring Plan (CAMP) was prepared by AKRF, Inc. (AKRF) on behalf of Atlantic Chestnut Affordable Housing LLC (the "Volunteer") for the Atlantic Chestnut – Lot 3 site, located at 275 Chestnut Street in Brooklyn, New York, hereafter referred to as the "Site". This CAMP was developed for the Interim Remedial Measure (IRM) Work Plan dated February 2023 for excavation of the Pedestrian Plaza portion of the Site for implementation by AKRF personnel and personnel working under the IRM Work Plan. The Site is identified on the New York City Tax Map as Brooklyn Tax Block 4143, Lot 3. Historically, Lot 1 encompassed the entirety of Block 4143, but was apportioned into three lots (Lots 1, 2, and 3) in 2016. A map showing the Site location is provided as Figure 1. The surrounding area is developed with residential, commercial, manufacturing, transportation, and industrial uses. The elevated J- and Z- Metropolitan Transit Authority (MTA) subway tracks run along Fulton Street to the north and the Long Island Railroad tracks are located beneath Atlantic Avenue to the south.

Atlantic Chestnut Affordable Housing LLC entered into a Brownfield Cleanup Agreement (BCA) Index No. C224236-05-16 with the New York State Department of Environmental Conservation (NYSDEC) on May 26, 2016 as a Volunteer. A BCA Amendment was submitted to the NYSDEC in August 2017 and executed on August 24, 2017 to document changes to the street address and lot size.

Historic records indicated that the Site was developed with residences and a road in 1887 and with industrial and manufacturing uses, including the Columbia Machine Works and Malleable Iron Company, the Columbia Cable and Electric Corporation, Blue Ridge Farms, Inc., and Chloe Foods Corp., between 1908 and 2012. Blue Ridge Farms, Inc. and Chloe Foods Corp. are listed on multiple federal and state databases. Prior uses that appear to have led to Site contamination include blacksmithing and stamping, a brass foundry, woodworking, a blacksmith, a machine shop, tank and engine rooms, an iron works, wire braiding, and cable manufacturing. The Site has been vacant since a July 2012 fire caused severe structural damage to the former Site buildings, which were demolished between July and December 2016.

Site contamination, present in shallow and deep soil, shallow and intermediate groundwater, and soil vapor across the Site, appears to be related to the Site's historic industrial and manufacturing uses. The elevated detections of semivolatile organic compounds (SVOCs) and metals in shallow fill are most likely attributable to historic filling, undocumented discharges due to the fire in 2012, and/or historic operations at the Site. The presence of petroleum-related compounds in soil and soil vapor, associated with NYSDEC Spill No. 1708008, are related to former and/or current on-site petroleum storage tanks. The presence of the solvent-related volatile organic compounds (VOCs) trichloroethylene (in soil, groundwater, and soil vapor), tetrachloroethylene (in soil, groundwater and soil vapor), cis-1,2-dichloroethylene, and trans-1,2-dichloroethylene (in soil), chloroform (in groundwater), and carbon tetrachloride and refrigerants (in soil vapor) are likely related to the historic manufacturing operations at the Site. Based on groundwater flow, the contaminants in shallow groundwater are likely migrating off-site to the south. Additionally, when organic compounds are exposed to air, contamination can partition from soil and groundwater and migrate in a vapor phase through the pore spaces in unsaturated soil. The vapors can accumulate beneath structures such as pavement and building foundations. The affected media for the existing or potential future releases at the Site include soil, groundwater, and soil vapor. To address the significant threat determination for soil vapor, an IRM soil vapor extraction system is currently operating at the Site to prevent off-site migration of contaminated vapors. The SVE system IRM is being employed until implementation of remedial actions.

All AKRF employees are directed that all work must be performed in accordance with the AKRF's Generic HASP and all Occupation Safety and Health Administration (OSHA)-applicable regulations for the work activities required for the project. All project personnel are furthermore directed that they are not permitted to enter Permit Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations as well as any more stringent requirements specified by their employer in their corporate HASP or

otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or other official designated by that employer.

2.0 AIR MONITORING PROGRAM

The purpose of the air monitoring program is to identify any exposure of the field personnel and the community to potential environmental hazards in the soil and groundwater. Air Monitoring will be conducted in accordance with the New York State Department of Health (NYSDOH) and New York State Department of Environmental Conservation (NYSDEC) guidance. Results of the air monitoring will be used to determine the appropriate response action, if needed. Field personnel will be trained in the proper operation of all field instruments at the start of the field program. 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 will be contacted immediately to obtain a replacement instrument and arrange for repairs.

2.1 Work Zone Air Monitoring

2.1.1 Volatile Organic Compound Monitoring

Continuous monitoring for VOCs will be conducted using roving hand-held equipment during all ground-intrusive activities, including soil boring advancement and groundwater monitoring well installation. 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 photoionization detector (PID) equipped with an 11.7 electron Volt (eV) lamp capable of calculating 15-minute running average concentrations. More frequent intervals of monitoring will be conducted if required as determined by the Site Safety Officer (SSO). All PID readings will be recorded and available for NYSDEC and NYSDOH personnel to review. Instantaneous readings will also be recorded.

2.1.2 Airborne Particulate Monitoring

A DustTrak® or equivalent would be used to measure real-time concentrations of total particulates 10 micrometers or less (PM_{10}). Measurements for particulates will be taken prior to commencement of the work and during the work in areas where contaminated soil would be disturbed. The action levels listed in Table 1 are based on 15-minute averages of the monitoring data. The measurements will be made at the breathing height of the workers and as close to their location as practicable. The SSO will set up the equipment and confirm that it is working properly. His/her qualified designee may oversee the air measurements during the day. The initial measurement for the day will be performed before the start of work and will establish background levels. The final measurement for the day will be performed after the end of work. The action levels for particulates and VOCs and required responses are listed in Table 1.

Table 1
Work Zone Action Levels and Required Responses

Monitoring	Action Level[1]	Response Action
Particulate	Less than 0.125 mg/m^3 above background	**Level D or D-Modified** (Requires coveralls and steel toe boots) (As applicable: Chemical resistant gloves, chemical resistant boot covers, hard hat, safety glasses, face shield, or escape mask)
	Between 0.125 mg/m^3 and 0.150 mg/m^3 above background	**Level C** (Requires full face or half face respirator, hooded chemical resistant two-piece Tyvek suit or overalls, chemical resistant inner and outer gloves, chemical resistant boot covers, steel toe and shank boots) (As applicable: hard hat, face shield, or escape mask) Apply dust suppression measures. Resume work or upgrade.
	Greater than 0.150 mg/m^3 above background	**Stop work** Apply additional dust suppression measures. Resume work when less than 0.150 mg/m^3 and maintain Level C.
VOCs	Less than 5 ppm in breathing zone	**Level D or D-Modified**
	Between 5 and 50 ppm	**Level C**
	More than 50 ppm	**Stop work** Resume work when source of vapors is abated and readings are less than 50 ppm above background.

Notes:
[1] - 15-minute time-weighted average
parts per million = ppm
milligrams per cubic meter = mg/m^3

2.2 Perimeter Community Air Monitoring

Fixed air monitoring stations will be set up at the upwind and downwind perimeters of the exclusion zone during all ground intrusive activities and will continuously log VOC and particulate levels. Each fixed monitoring station will be fully enclosed and equipped with the following:

- A PID equipped with a 10.6 eV lamp capable of calculating 15-minute running average VOC concentrations;
- A TSI 8530 DustTrak II or equivalent dust monitor capable of measuring the concentration of airborne respirable particulates at PM_{10} and calculating 15-minute running average particulate concentrations; and
- A Netronix™ Thiamus™ ICU-820 or equivalent Global System for Mobile Communication (GSM)/Global Positioning System (GPS) device capable of recording air monitoring and location data.

Each monitoring station will be capable of sending e-mail alerts to the SSO to indicate an exceedance of action levels. Additionally, the SSO will conduct an inspection of the monitoring stations on at least an hourly basis. Upon completion of Site activities, all air monitoring data will be available to download via the Environet® website. All air monitoring data recorded at the fixed monitoring stations will be available for NYSDOH and NYSDEC review and will be included in the IRM Report.

Site-wide monitoring for particulates and VOCs will be conducted during remedial excavation in conformance with the NYSDOH CAMP and NYSDOH special requirements for work within 20 feet of potentially exposed individuals or structures, and for indoor work with co-located residences or facilities (Attachment A).

2.2.1 Perimeter 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 parts per million (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 downwind perimeter of the exclusion zone 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 downwind particulate concentrations are greater than 0.100 mg/m^3 above background (upwind concentrations), 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 downwind particulate levels do not exceed 0.150 mg/m^3 above the background (upwind concentration) and provided that no visible dust is migrating from the work area.
- If particulate levels persist at 0.150 mg/m^3 above the background, work must be stopped until dust suppression measures bring particulate levels to below 0.150 mg/m^3 above background.

2.3 Major Vapor Emission Response Plan

If any organic levels greater than 5 ppm over background are identified 200 feet downwind from the work Site, 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 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.

2.4 Reporting

CAMP summary reports will be prepared and submitted to NYSDEC and NYSDOH for review as part of the daily reports, and in supplemental weekly CAMP reports. In the event there is an action level exceedance or complaint, NYSDEC and NYSDOH will be notified within 24 hours (same day to the extent possible) of the exceedance or complaint. The notification will include a description of the exceedance or complaint, the cause of the exceedance, and any corrective actions taken. All recorded CAMP data will be included in the IRM Construction Completion Report and Final Engineering Report.

2.5 Project Contacts

Table 2
Project Contacts

Company	Individual Name	Title	Contact Number
AKRF	Michelle Lapin, P.E.	Remedial Engineer	646-388-9520 (office)
	Deborah Shapiro, QEP	Project Director	646-388-9544 (office)
	Kenneth Wiles	Project Manager	646-388-9828 (office)
	Marco Balletta	SSO	646-270-7195 (cell)
	Claire Bearden	Alternate SSO	336-266-9330 (cell)
Atlantic Chestnut Affordable Housing LLC	Michael Wadman	Client Representative	646-388-8216 (office)
NYSDEC	Manfred Magloire	BCP Project Manager	718 482-4078 (office)
NYSDOH	Stephen Lawrence	Project Manager	518-402-7860 (office)

FIGURE



Map Source: USGS Topo base map service from The National Map

0 800 1,600

SCALE IN FEET

AKRF

440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

BROWNFIELD CLEANUP PROGRAM SITE LOCATION

DATE
8/26/2022

PROJECT NO.
12184

FIGURE
1

©2018 AKRF W:\Projects\12184 - PHIPPS 3301 ATLANTIC\Technical\GIS and Graphics\hazmat\12184 Fig 1 Site Loc Map.mxd 6/4/2018 7:50:43 AM mveilleux

ATTACHMENT A

NYSDOH GENERIC CAMP AND SPECIAL REQUIREMENTS

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion 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 over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

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 volatile organic compounds (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 (ECs) 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 part per million, 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 New York State Department of Health prior to commencement of the work.
- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 micrograms per cubic meter ($\mu g/m^3$), work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 $\mu g/m^3$ 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.

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 "Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures" 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 ECs 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.

APPENDIX C
QUALITY ASSURANCE PROJECT PLAN

ATLANTIC CHESTNUT – LOT 3
275 CHESTNUT STRET
BROOKLYN, NEW YORK

Quality Assurance Project Plan
for Interim Remedial Measure Work Plan

for Pedestrian Plaza Excavation

AKRF Project Number: 12184
BCP Site Number: C224236

Prepared for:

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MARCH 2023

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ATTACHMENTS

Attachment A – Resumes for Project Team

1.0 INTRODUCTION

This Quality Assurance Project Plan (QAPP) was prepared by AKRF, Inc. (AKRF) on behalf of Atlantic Chestnut Affordable Housing LLC (the "Volunteer") for the Atlantic Chestnut – Lot 3 site, located at 275 Chestnut Street in Brooklyn, New York, hereafter referred to as the "Site". This QAPP describes the protocols and procedures that will be followed during implementation of the Interim Remedial Measure Work Plan (IRMWP) dated February 2023 for excavation of the Pedestrian Plaza portion of the Site. The Site is identified on the New York City Tax Map as Brooklyn Tax Block 4143, Lot 3. Historically, Lot 1 encompassed the entirety of Block 4143, but was apportioned into three lots (Lots 1, 2, and 3) in 2016. The objective of the QAPP is to provide for Quality Assurance (QA) and maintain Quality Control (QC) of environmental investigative, sampling, and remedial activities conducted during implementation of the IRMWP. Adherence to the QAPP will ensure that defensible data will be obtained while completing the IRMWP.

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 (RE) for this project will be Michelle Lapin, P.E. The RE will have primary direct responsibility for implementation of the IRMWP for the Site. The RE (or their representative) will coordinate the work of other contractors and subcontractors involved in all aspects of Site management. The RE will be responsible for all appropriate communication with New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH). Ms. Lapin's resume is included in Attachment A.

2.2 Project Director

The project director will be responsible for the general oversight of all aspects of the project, including scheduling, budgeting, data management, and decision-making regarding the field program. The project director will communicate regularly with all members of the AKRF project team and NYSDEC to ensure a smooth flow of information between involved parties. Deborah Shapiro, Qualified Environmental Professional (QEP), will serve as the project director for the IRMWP. Ms. Shapiro's resume is included in Attachment A.

2.3 Project Manager

The project manager will be responsible for directing and coordinating all elements of the IRMWP. He will prepare reports and participate in meetings with the Site owner and/or the NYSDEC. Kenneth Wiles will serve as the project manager for the IRMWP. Mr. Wiles' resume is included in Attachment A.

2.4 Field Team Leader

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). He will report to the project manager on a regular basis regarding daily progress and any deviations from the IRMWP. The field team leader will be a qualified, responsible person, able to act professionally and promptly during soil disturbing activities. Marco Balletta will be the field team leader; the field team leader alternate is Claire Bearden of AKRF. Mr. Balletta's and Ms. Bearden's resumes are included in Attachment A.

2.5 Project Quality Assurance/Quality Control Officer

The Quality Assurance/Quality Control (QA/QC) Officer will be responsible for adherence to the QAPP. He will review the procedures with all personnel prior to commencing any fieldwork and will assess implementation of the required procedures. Eric Park will serve as the QA/QC officer for the IRMWP.

2.6 Laboratory Quality Assurance/Quality Control Officer

The laboratory QA/QC officer will be responsible for quality control procedures and checks in the laboratory and ensuring adherence to laboratory protocols. He/she will track the movement of

samples from the time they are checked in at the laboratory to the time that analytical results are issued. He/she will conduct a final check on the analytical calculations and sign off on the laboratory reports. The laboratory QA/QC officer will be determined upon selection of a contract laboratory(s) for the IRMWP.

3.0 STANDARD OPERATING PROCEDURES

The following sections describe the standard operating procedures (SOPs) for the remedial activities included in the IRMWP. During these operations, safety monitoring will be performed as described in the project HASP and all field personnel will wear appropriate personal protective equipment (PPE).

3.1 Remedial Measures

3.1.1 Excavation of Soil

The stratigraphy of the Site, from the surface down, generally consisted of fill comprising sand, silt, and gravel with varying amounts of concrete, brick, coal ash, clay, and asphalt up to 16 feet below grade, underlain by apparent native sand, gravel, clay, and silt to boring termination depths (up to 80 feet below grade). Bedrock was not encountered during previous investigations.

The Site lies at an elevation of approximately 37 to 41 feet [National Geodetic Vertical datum (NGVD)], an approximate of mean sea level.

Groundwater was encountered during previous investigations at depths ranging from approximately 7.5 to 8.7 feet NGVD. Based on the well elevation surveys, shallow, intermediate, and deep groundwater aquifers flow in a generally southerly direction beneath the Site and surrounding area. Groundwater in this part of Brooklyn is not used as a potable source and there are no surface water bodies on or immediately adjacent to the Site.

Site contamination, present in shallow and deep soil, shallow and intermediate groundwater, and soil vapor across the Site, appears to be related to the Site's historic industrial and manufacturing uses. The elevated detections of semivolatile organic compounds (SVOCs) and metals in shallow fill are most likely attributable to historic filling, undocumented discharges due to a fire in 2012, and/or historic operations at the Site. The presence of the solvent-related volatile organic compounds (VOCs) trichloroethylene (in soil, groundwater, and soil vapor), tetrachloroethylene (in soil, groundwater and soil vapor), cis-1,2-dichrloroethylene, and trans-1,2-dichloroethylene (in soil), chloroform (in groundwater), and carbon tetrachloride and refrigerants (in soil vapor) are likely related to the historic manufacturing operations at the Site. Based on groundwater flow, the contaminants in shallow groundwater are likely migrating off-site to the south. Additionally, when organic compounds are exposed to air, contamination can partition from soil and groundwater and migrate in a vapor phase through the pore spaces in unsaturated soil. The vapors can accumulate beneath structures such as pavement and building foundations. The affected media for the existing or potential future releases at the Site include soil, groundwater, and soil vapor.

3.1.2 Tank Removal (if necessary)

Any tanks and appurtenances discovered during implementation of the IRMWP will be cleaned, removed, and disposed of in accordance with accepted industry standards and applicable Federal, State, and local regulatory agency requirements. Tank and soil removal from the vicinity of discovered underground storage tanks will be conducted in consultation with the NYSDEC.

Typical tank removal procedures are summarized below:

1. Open fill cap or vent pipe and measure for product. Collect a sample of the product. Tank contents will be sampled in accordance with applicable federal, state and local requirements and tested in accordance with the requirements of the receiving facility. Proper disposal of tank contents at an approved facility will be dictated by sample results.
2. Excavate to expose the tank. Vacuum liquid tank contents and pumpable tank bottom residue.
3. Excavate around the tank with care to avoid release of tank and piping contents. Hand excavation around the tank may be necessary. The sides of all excavated areas will be properly stabilized in accordance with OSHA regulations. Continuously monitor the excavated areas in the worker breathing zone for the presence of flammable, toxic or oxygen deficient atmosphere with a photoionization detector (PID), a combustible gas indicator (CGI), and an oxygen meter.
4. Inert the tank of flammable vapors using dry ice and verify using an oxygen meter (less than 7 percent). An access hole will be cut in the tank and the tank will be thoroughly cleaned of residual liquids and sludges.
5. Entry of the tank, if necessary, shall be conducted in conformance with OSHA confined space requirements.
6. Remaining fuels, loose slurry, sludge materials and wastewater will be collected in New York State Department of Transportation-approved drums, sampled and analyzed for disposal characterization. After disposal characterization, waste material will be removed and disposed of in accordance with applicable regulations.
7. Remove the tank and all associated piping from the ground and clean the outside of the tank. The tank and piping will be rendered "not reusable," removed from the site and disposed of according to applicable regulations with proper documentation. Remove and dispose of all concrete tank support structures or vaults as encountered.
8. After tank removal, examine for evidence of petroleum releases in accordance with NYSDEC requirements.
9. Suspect materials will be field screened with a PID. If soil contamination is present, excavate and remove contaminated soil from the tank areas in accordance with the IRMWP. Material will be excavated until field screening with a PID yields concentrations of less than 20 parts per million (ppm) and until there are no remaining visible signs of contamination or odors. Endpoint sampling will be conducted as directed by the NYSDEC.
10. Photo-document all procedures and record all procedures in a bound field notebook.

3.2 Soil Sampling

3.2.1 Soil Screening

During soil excavation and tank removal activities (if necessary), the excavated material will be inspected by AKRF field personnel for evidence of contamination (i.e., separate

phase liquid, staining, sheening and/or odors) and field-screened using a PID calibrated at the start of each day in accordance with the manufacturer's instructions.

3.2.2 Soil Sampling

Soil sampling will be conducted according to the following procedures:

- Characterize the sample according to the modified Burmister soil classification system.
- Collect an aliquot of soil from each sampling location and place in labeled sealable plastic bags. The bag should be labeled with the soil boring number and the depth the sample was collected. Place the plastic bags in a chilled cooler to await selection of samples for laboratory analysis.
- After selecting which samples will be analyzed in the laboratory, fill the required laboratory-supplied sample jars with the soil from the selected sampling location or labeled sealable plastic bags. Seal and label the sample jars as described in Section 4.4 of this QAPP and place in an ice-filled cooler.
- Decontaminate any soil sampling equipment between sample locations as described in Section 3.5 of this QAPP.
- Record boring number, sample depth and sample observations (evidence of contamination, PID readings, soil classification) in field logbook and boring log data sheet, if applicable.

3.3 Excavation Backfill

Any imported soil will meet the backfill and cover soil quality standards established in 6 New York Codes, Rules and Regulations (NYCRR) 375-6.7(d). Approval will also be based on an evaluation of the land use, protection of groundwater and protection of ecological resources criteria. Soil will be considered appropriate for use as on-site imported backfill if contaminant concentrations are below the lesser of the 6 NYCRR Part 375 Restricted Residential and Groundwater Protection Soil Cleanup Objectives. Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this Site, will not be imported to the Site without prior approval by NYSDEC. Solid waste will not be imported to the Site.

Native material from a virgin quarry source need not be sampled prior to use as backfill on the Site. All other imported material will be tested via collection of one composite sample per 1,000 cubic yards of material from each source. Samples will be analyzed for Target Compound List (TCL) of VOCs using United States Environmental Protection Agency (EPA) Method 8260, TCL SVOCs using EPA Method 8270, polychlorinated biphenyls (PCBs) using EPA Method 8082, pesticides using EPA Method 8081, herbicides using EPA Method 8151, target analyte list (TAL) metals using EPA Method 6000/7000 series, and the standard list of 21 per- and polyfluoroalkyl substances (PFAS) compounds by modified EPA Method 1633.

3.4 Materials Reuse On-Site

Material reuse on-site is not anticipated during the IRM; however, if reuse is proposed, the following applies:

- Organic matter (wood, roots, stumps, etc.) or other solid is prohibited for reuse on-site. Soil that does not exhibit evidence of contamination during field screening and is free of

demolition debris will be stockpiled and tested at a frequency of one sample per 1,000 cubic yards and characterized if reuse is contemplated. Each sample will be tested for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals by EPA Method 6000/7000 series, and the standard list of 21 PFAS compounds by modified EPA Method 1633. Samples will be shipped to the laboratory with appropriate chain of custody documentation. The samples will be analyzed in a laboratory following NYSDOH Analytical Services Protocol Category B deliverables.

3.5 Decontamination Of Sampling Equipment

All non-disposable sampling equipment (hand augers, sampling spoons, etc.) will be either dedicated or decontaminated between sampling locations. The decontamination procedure will be as follows:

1. Scrub using tap water/Simple Green® mixture and bristle brush.
2. Rinse with tap water.
3. Scrub again with tap water/ Simple Green® and bristle brush.
4. Rinse with tap water.
5. Rinse with distilled water.
6. Air-dry the equipment, if possible.

Decontamination will be conducted within five-gallon buckets to capture decontamination water.

3.6 Management Of Investigation Derived Waste

All excavated soil will be stockpiled and disposed of in accordance with the IRMWP. If field evidence of gross contamination is identified, decontamination wastewater will be drummed and staged near the point of generation and will be properly disposed of off-site based on laboratory results. If free of visible contamination, disposable PPE and sampling equipment (scoops, gloves, rope, etc.) will be placed in heavy-duty plastic bags and disposed of properly.

4.0 SAMPLING AND LABORATORY PROCEDURES

4.1 Soil Sampling

Soil sampling shall be conducted according to the following procedures:

- Field screening for evidence of contamination (e.g., odors, staining, elevated PID measurements). Using a hand auger or sampling spoon, remove a small amount of soil from the bottom or sidewall of the excavation. A grab sample can also be collected from the excavator bucket after targeted soil removal from the excavation. Place the soil in a zip-lock bag and insert the PID through the sealed bag to obtain an organic vapor concentration measurement.
- After selecting which samples will be analyzed in the laboratory, fill the required laboratory-supplied sample jars with the soil from the selected sampling location or labeled sealable plastic bags. Seal and label the sample jars as described in Section 4.4 of this QAPP and place in an ice-filled cooler.
- Decontaminate any soil sampling equipment between sample locations as described in Section 3.5 of this QAPP.
- Record boring number, sample depth and sample observations (evidence of contamination, PID readings, soil classification) in field logbook and boring log data sheet, if applicable.

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. An Environmental Laboratory Approval Program-certified laboratory will be used for all chemical analyses in accordance with Division of Environmental Remediation-10 2.1(b) and 2.1(f), including Category B Deliverables.

Table 1
Laboratory Analytical Methods for Analysis Groups

Matrix	Analysis	EPA Method	Bottle Type	Preservative	Hold Time
Soil	TCL VOCs	8260	Encore sampler (3) / Terracore Sampler (1)	4 °C 0 °C within 24 hrs	48 hours to extract 14 days to analyze
	TCL SVOCs and 1,4-Dioxane	8270	Glass 8 oz. Jar	4 °C	14 days to extract 40 days to analyze
	TAL Metals	6000/7000	Glass 8 oz. Jar	4 °C	6 months (28 days for Hg)
	Pesticides	8081	Glass 8 oz. Jar	4 °C	14 days to extract 40 days to analyze
	PCBs	8082	Glass 8 oz. Jar	4 °C	14 days to extract 40 days to analyze
	PFAS	1633	Plastic 4 oz. Jar	4 °C	14 days to extract 40 days to analyze

4.3 Quality Control Sampling

In addition to the laboratory analysis of the characterization soil samples for reuse and off-site disposal, additional analysis will be included for quality control measures, as required by the Category B sampling techniques. These samples will include field blanks, trip blanks, matrix

spike/matrix spike duplicates (MS/MSD), and blind duplicate samples at a frequency of one sample per 20 field samples collected. Table 2 provides a summary of the field samples and QA/QC samples to be analyzed by the laboratory.

Table 2
Field Sample and Quality Control Sample Quantities

Sample Type	Parameters	EPA Method	Field Samples	QC Samples			
				Field Blank	Trip Blank	MS/MSD	Blind Duplicate
Soil	VOCs	EPA 8260	20	1	1	1	1
	SVOCs	EPA 8270	20	1	--	1	1
	TAL Metals	EPA 6000/7000	20	1	--	1	1
	Pesticides	EPA 8081	20	1	--	1	1
	PCBs	EPA 8082	20	1	--	1	1
	PFAS	1633	20	1	--	1	1

4.4 Sample Handling

4.4.1 Sample Identification

All samples will be consistently identified in all field documentation, chain-of-custody documents, and laboratory reports. All samples will be given a unique name and the collection date at the end of the sample same in a year, month, day (YYYYMMDD) format. All samples will have the prefix "L3-". 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 only; 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 designation group. Special characters, including primes/apostrophes (’), will not be used for sample nomenclature.

Endpoint Soil Sampling
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 the post-excavation endpoint samples.

Table 3
Endpoint Sample Nomenclature

Sample Description	Sample Designation
Post-excavation endpoint soil sample EP-1 collected from 3 feet below grade on March 1, 2023	L3-EP-01_3_20230301
Matrix spike/matrix spike duplicate sample of post-excavation endpoint soil sample EP-1 collected from 3 feet below grade on March 1, 2023	L3-EP-01_3_20230301
Duplicate of post-excavation endpoint soil sample EP-1 collected from 3 feet below grade on March 1, 2023	L3-EP-X_3_20230301
First trip blank sample collected during a soil sampling event on March 1, 2023	L3-TB-01S-20230301
First field blank sample collected during a soil sampling event on March 3, 2023	L3-FB-01S-20230301

Waste Classification/ Tank Excavation Soil Sampling

In addition to the nomenclature detailed above, if necessary, any confirmatory endpoint samples collected from a tank excavation will be identified by the excavation grid area and the cardinal direction of the sidewalls. The sample(s) collected from the bottom of the excavation will be amended with a "B-", followed by the number of bottom samples collected from the excavation in sequential order. Waste classification samples will be amended with "WC-" and the alphanumeric grid identification (if alphanumeric girds assigned at this time). Additionally, samples will be amended with the depth the sample was collected in feet below grade in parentheses. Table 4 below provides examples of the sampling identification scheme for proposed waste classification samples and any hotspot or tank excavation samples.

Table 4
Waste Classification/Hotspot/Tank Excavation Sample Nomenclature

Sample Description	Sample Designation
Waste classification composite sample collected between grade and 3 feet below grade in grid C6 on May 7, 2023	L3-WC-C6-C_0-3_20230507
Waste classification grab sample collected between grade and 3 feet below grade in grid C6 on May 7, 2023	L3-WC-C6-G_0-3_20230507
Soil sample collected from the northern sidewall of an encountered contamination hotspot at 4 feet below grade on August 15, 2023	L3-HS1-01N_4_20230815
Soil sample collected from the northern sidewall of the first tank grave encountered at 4 feet below grade on August 15, 2023	L3-UST-01N_4_20230815

4.4.2 Sample Labeling and Shipping

All sample containers will be provided with labels containing the following information:

- Project identification
- 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 to await shipment to the laboratory. All samples will be shipped to the laboratory at least twice per week. At the start and end of each workday, field personnel will add ice to the coolers as needed.

The samples will be prepared for shipment by placing each sample in a sealable plastic bag, then wrapping each container in bubble wrap to prevent breakage, adding freezer packs and/or fresh ice in sealable plastic bags and the chain-of-custody form. 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 chain-of-custody seal to ensure that the coolers remain sealed during delivery.

4.4.3 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 chain-of-custody forms. The chain-of-custody 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 Site 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 applicable. 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 calibrated each day using 100 ppm isobutylene standard gas.

ATTACHMENT A

RESUMES FOR PROJECT TEAM

MICHELLE LAPIN, PE

SENIOR VICE PRESIDENT

Michelle Lapin, PE is a Senior Vice President with 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. Michelle 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.

Michelle'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. Michelle 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. Michelle is also experienced in the cleanup of contaminated properties under Brownfield Cleanup Program (BCP) and Voluntary Cleanup Program (VCP) regulations.

BACKGROUND

Education

MS, Syracuse University, Civil Engineering, 1985
BS, Clarkson University, Civil Engineering, 1983

Licenses/Certifications

Professional Engineer, CT - PEN.0018603
Professional Engineer, NY - 16 073934
OSHA 40 Hour HAZWOPER
OSHA 8 Hour Refresher,

Professional Memberships

Member, National Society of Professional Engineers
Member, American Society of Civil Engineers
Member; Council Member, Connecticut Business & Industry Association, Environmental Policies Council
Board Member, New York City Brownfield Partnership,

Years of Experience

36 years in the industry
28 years with AKRF

RELEVANT EXPERIENCE

YMCA of Greater New York, Northeast Bronx YMCA, Bronx, NY

AKRF was retained by YMCA of Greater New York to assist the YMCA of Greater New York in its response to a request for proposals by the Economic Development Corporation for the development of a site in the Edenwald section of the Bronx into a community center. AKRF provided site assessment and remediation services and site-civil engineering due diligence services on the site. The YMCA was successful in winning the development rights, and AKRF prepared an Environmental Assessment for the site. AKRF continued assisting the YMCA in their development with site assessment and remediation services and geotechnical services for the new development at 1250 East 229th Street in

the Bronx for the construction of the two-story, 30,000-square foot building. Michelle Lapin is leading the efforts for the Site Assessment and Remediation services, which includes a Remedial Action Plan and Construction Health and Safety Plan, field monitoring and subsequent Closure Report submitted to the New York City Department of Environmental Protection.

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). Michelle Lapin is the Remedial Engineer for the project and oversees all remedial activities.

West 61st Street Rezoning/Residential Development, New York, NY

Michelle 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 and a Notice of Satisfaction (NOS) from the Mayor's Office of Environmental Remediation (OER) in connection with the hazardous materials E-Designation assigned to the property. Michelle 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 and continues to manage the required inspections and reporting for the property owner in accordance with the Brownfield Cleanup Agreement..

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. Michelle 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.

MICHELLE LAPIN, PE

SENIOR VICE PRESIDENT

Michelle 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) 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 property, formerly occupied by the Department of Sanitation with over 41 underground storage tanks, now includes an ambulatory medical care center for MSK.

Michelle Lapin led the site assessment and remediation 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 Department of Sanitation's remaining concrete foundation structures and prepared specifications for asbestos abatement, soil management and underground storage tank removal and disposal.

The remediation was completed in compliance with the OER-approved RAWP and the spill was closed by the NYSDEC. The project received a Notice of Satisfaction from the OER.

DEBORAH SHAPIRO, QEP

SENIOR VICE PRESIDENT

Deborah Shapiro is a Senior Vice President in the Site Assessment and Remediation Department. Ms. Shapiro supervises project teams and manages all aspects of assessment and remediation projects across the New York Metropolitan Area. Ms. Shapiro works with developers, non-profit organizations, architects, local community groups, local businesses, and government agencies. Her projects fall under the regulatory oversight of NYSDEC, NYCDEP, and NYCOER including the New York State Brownfield Cleanup Program (BCP), New York City Voluntary Cleanup Program (VCP), NYSDEC petroleum spills program, RCRA/UIC closures, and NYCOER's E-designation program. Ms. Shapiro has also assisted commercial and industrial property owners with maintaining the integrity of their portfolios by providing compliance related cleanup and chemical storage management services. Ms. Shapiro has also been a moderator and panelist at numerous conferences.

Ms. Shapiro manages all aspects of redevelopment projects from the initial Phase I ESA, Phase II, and remediation through post-remedial site management. In addition, her experience includes groundwater investigations, monitoring, and sampling programs; Brownfield and hazardous waste site investigations; In-Situ Chemical Oxidation; underground storage tank studies, including soil contamination delineation, classification, removal and disposal; waste characterization sampling; exposure assessments; on-going remedial action (especially AS/SVE), and permitting.

BACKGROUND

Education

M.S., Environmental Science, American University, 2001
B.A., Environmental Studies, American University, 1998

Professional Licenses/Certifications

Qualified Environmental Professional
Health and Safety Operations at Hazardous Materials Sites 29 CFR 1910.120

OSHA 8 Hour HAZWOPER Supervisor

OSHA 10 Hour Occupational Construction Safety and Health

CPR

Professional Memberships

Past President, New York City Brownfield Partnership
Board Member, Residents for a More Beautiful Port Washington
Member, Institute of Professional Environmental Practitioners (IPEP)

Awards

Big Apple Brownfield Award recipient as part of the Elton Crossing redevelopment team 2017
Big Apple Brownfield Award recipient as part of the Courtlandt Crescent redevelopment team 2013
Big Apple Brownfield Award recipient as part of the Via Verde redevelopment team 2012
Big Apple Brownfield Award recipient as part of the Cornerstone B1 (LaTerraza) redevelopment team 2011

Years of Experience

Year started in company: 2013
Year started in industry: 1998

AKRF

RELEVANT EXPERIENCE

Elton Crossing, Bronx, NY

AKRF provided environmental consulting services in connection with the purchase and redevelopment of the Elton Crossing site at 899 Elton Avenue in the Bronx, NY. The work initially involved the preparation of a Phase II subsurface investigation including soil and soil vapor testing to determine if the site would be eligible for the New York State Brownfield Cleanup Program (NYSBCP). Upon completion of the investigation, AKRF prepared a NYCBCP Application and the site was accepted into the NYSBCP. AKRF managed all aspects of the brownfield cleanup including; development of Investigation Work Plans, performing Remedial Investigations and Reports, preparation of Phase I ESAs, preparation of a Citizen Participation Plan, distribution of public notices, preparation and implementation of a Remedial Action Work Plan (RAWP), design of a sub-slab depressurization system, preparation of the Final Engineering Report and Site Management Plan, and sampling and management of soil disposal. AKRF is in the midst of implementing the Site Management Plan. As project manager, Ms. Shapiro was responsible for managing all technical components of the project, communication with NYSDEC and the Client, and managing the budget.

Second Farms, Bronx, NY

AKRF, Inc. was initially contracted by the New York City Office of Environmental Remediation (NYCOER) to conduct a subsurface investigation of a 1.12-acre parcel in the Bronx, New York under the United States Environmental Protection Agency (USEPA) Brownfield Assessment Grant program. The investigation included a geophysical survey and utility mark-outs, and the collection and analysis of soil, groundwater, soil vapor, indoor air and ambient air samples. AKRF continued working on the project for the developer by preparing a Remedial Action Plan and Environmental Assessment Statement. AKRF is in the midst of implementing the remedy.As project manager, Ms. Shapiro was responsible for managing all technical components of the project, communication with OER, NYCDEP, and the Client, and managing the budget.

Bradhurst Cornerstone II Residences, Manhattan, NY

AKRF, Inc. prepared a Part 58 Environmental Assessment and a City Environmental Quality Review Environmental Assessment Statement for the Bradhurst Cornerstone II Apartments project. Issues of concern for the environmental review included the identification of project commitments for certain of the four sites related to historic resources, hazardous materials, air quality, and building attenuation. As part of the mitigation of hazardous materials, AKRF conducted a Phase II investigation, and prepared a Remedial Action Plan and Construction Health and Safety Plan. As project manager, Ms. Shapiro was responsible for managing all technical components of the hazardous materials portion of the project, communication with the regulatory agency and the Client, and managing the budget.

Lambert Houses, Bronx, NY

AKRF performed an EIS of the Lambert Houses affordable housing complex located in the West Farms section of the Bronx, NY. Lambert Houses consisted of multi-story apartment buildings, parking garage, and a multi-tenant retail/commercial building alongside the elevated NYC subway. AKRF also conducted a Phase I ESA with a vapor intrusion screen of the Property to satisfy HUD's vapor intrusion requirements. The Phase I and vapor intrusion screens were prepared in accordance with ASTM E1527-05, ASTM E2600, and EPA's All Appropriate Inquiry (AAI) rule. After completion of the EIS, an E designation for hazardous materials was placed on the Site. A Subsurface Investigation was conducted and a Remedial Action Work Plan was prepared under OER oversight. The Site was subsequently entered in the NYC Voluntary Cleanup Program. AKRF is in the midst of implementing the RAWP, which included remediation of a hydraulic oil spill. As project manager, Ms. Shapiro was responsible for managing all technical components of the hazardous materials portion of the project, communication with the regulatory agency and the Client, and managing the budget.

Brook 156, Bronx, NY

AKRF was retained to provide environmental consulting services in connection with the purchase and development of the Site. AKRF prepared a Phase I Environmental Site Assessment (ESA) of the NYC-owned former gasoline service station and a former railroad. A Tier 1 Vapor Encroachment Screening was also conducted to satisfy HUD's vapor intrusion requirements. AKRF prepared a Remedial Investigation Work Plan (RIWP) and conducted a Remedial Investigation (RI) at the site, which included the collection and analysis of soil, soil vapor, and groundwater. The results of the RI, which were documented in a Remedial Investigation Report (RIR), were used to prepare a New York City Brownfield Cleanup Program (NYCBCP) application. The site was accepted into the New York State Brownfield Cleanup Program (NYSBCP). AKRF prepared a Citizen Participation Plan (CPP), distributed public notices, and conducted multiple Remedial Investigations to further investigate soil, soil vapor, and groundwater at the site prior to redevelopment. The results of the investigations were used to prepare a Remedial Action Work Plan (RAWP), which is undergoing review and approval by NYSDEC. The proposed remedy includes excavation of soil, design and installation of a soil vapor extraction system and sub-slab depressurization system, contingent groundwater treatment program, and installation of a vapor barrier and composite cover system. As project manager, Ms. Shapiro is responsible for managing all technical components of the project, communication with NYSDEC and the Client, and managing the budget.

On-Call Environmental Consulting Services (Various Locations), New York City Mayor's Office of Environmental Remediation (OER) (administered by NYCEDC)

Ms. Shapiro 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 implemented a remedial plan for capping a park site in Staten Island. In addition, AKRF provided 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.

Atlantic Chestnut, Brooklyn, NY

AKRF was retained to provide environmental consulting services in connection with the purchase and redevelopment 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, which were 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) and implemented numerous Remediation Investigations for each of the sites to further investigate contaminated media at the site prior to redevelopment, and prepared the RI Reports (RIRs). AKRF is in the midst of preparing Interim Remedial Work Plans for each Site, which include installation of a Soil Vapor Extraction to prevent the off-site migration of contaminants. As project manager, Ms. Shapiro was responsible for managing all technical components of the project, communication with NYSDEC and the Client, and managing the budget.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST – SENIOR TECHNICAL DIRECTOR

Kenneth Wiles is an Environmental Scientist with twelve years of environmental assessment and remediation experience. He has performed and managed numerous site and remedial investigations, supervised and developed work plans for subsurface soil, groundwater, and soil vapor intrusion investigations; and remedial actions, and underground storage tank (UST) removals for a wide variety of clients and property types. Kenneth has been a critical member managing large profile projects, in addition to smaller projects, and responsible for project/client/contract management, preparing proposals, and preparing compliance reports, for several environmental remediation projects. He is certified in Occupational Safety and Health Administration Hazardous Waste Operations and Emergency Response (OSHA HAZWOPER) and is knowledgeable in Geographic Information System (GIS), AutoCAD, and Microsoft Project. Kenneth is experienced in numerous field activities, including environmental sampling, monitoring well installation and advancement of soil boring oversight, and contractor oversight.

BACKGROUND

Education
MS, Lehigh University, Earth and Environmental Sciences, 2010
BS, Juniata College, Environmental Science, 2008

Licenses/Certifications
OSHA 10 Hour Construction Safety & Health Course
OSHA 40 Hour HAZWOPER
OSHA 8 Hour Refresher

Professional Memberships
North Carolina Association of Environmental Professionals

Years of Experience
12 years in the industry
7 years with AKRF

RELEVANT EXPERIENCE

100 Franklin Street, New York, NY

AKRF completed a Phase I Environmental Site Assessment, Phase II Environmental Site Investigation, prepared a Remedial Action Work Plan, a NYCDEP Dewatering Application and Permit, and performed soil waste classification sampling (which required the preparation of a NYC Transit Subsurface Investigation Permit to perform the associated soil borings) for the proposed redevelopment for a 29,564-square foot, eight-story mixed-use building with a cellar. AKRF completed a Phase I Environmental Site Assessment (ESA), Phase II ESI, prepared a Remedial Action Work Plan, a NYCDEP Dewatering Application and Permit, and performed soil waste classification sampling (which required the preparation of a NYC Transit Subsurface Investigation Permit to perform the associated soil borings) for the proposed redevelopment for a 29,564-square foot, eight-story mixed-use building with a cellar.

Kenneth Wiles served as Deputy Project Manager and coordinated with the client and contactors, supervised field staff during on-site remediation activities, and compiled and evaluated field data to prepare associated project reports and permits.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST - SENIOR TECHNICAL DIRECTOR

1100 Myrtle Avenue, Brooklyn, NY

AKRF prepared a Remedial Investigation Work Plan (RIWP) for New York City Mayor's Office of Environmental Remediation (OER) and performed the associated Remedial Investigation. Following, the site was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), which AKRF prepared the application. AKRF also prepared the BCP RIWP.

As the Project Manager, Kenneth Wiles coordinated with the client and subcontractors, supervised field staff during on-site investigation activities, and prepared the project's reports.

29 Jay Street, Brooklyn, NY

AKRF has provided site assessment/remediation, air quality, and noise E-Designation services to obtain approval for the remediation and start of construction on a new commercial office building at 29 Jay Street in the DUMBO neighborhood of Brooklyn, NY. We will continue to be on-site daily to conduct community air monitoring and oversee the removal of petroleum and hazardous-lead contaminated soil. Kenneth Wiles served as Project Manager.

East Side Coastal Resiliency (ESCR) Preliminary & Final Design, New York, NY

AKRF is leading a multidisciplinary design team that was selected by the New York City agency partnership of NYCDDC, New York City Department of Parks and Recreation (NYCDPR), New York City Department of Transportation, and the Mayor's Office of Recovery and Resiliency (ORR) to provide engineering, planning, landscape architecture, urban design and community engagement services for the Preliminary and Final Design Services for East Side Coastal Resiliency (ESCR).

Kenneth Wiles' responsibilities included preparing the Supplemental Subsurface Investigation Work Plan, managing the associated field investigation activities, compiling and evaluating the field data to prepare the Supplemental Subsurface Investigation Report, spearheaded the effort for generating environmental cross-sections throughout the project site, and preparing the Mitigation Work Plan and supporting reports for NAPL recovery via several recovery wells.

Rego Park Home Depot, Ridgewood, 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 (VCP). 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 continues operations, maintenance, and monitoring under the NYSDEC-approved Site Management Plan.

Kenneth Wiles prepared the Remedial Optimization Work Plan (ROWP) and associated work plan update and assisted in the preparation and implementation of the ROWP, including the procurement of the subcontractors.

609-611 West 56th Street (823 Eleventh Avenue), New York, NY

AKRF is providing site assessment and remediation services for 611 West 56th Street (aka 823 Eleventh Avenue), a 37-story, 80-unit condominium building in Hell's Kitchen, Manhattan. We facilitated the 10,000-square-foot site's enrollment in the New York City Voluntary Brownfield Cleanup Program. AKRF performed a remedial investigation to

compile and evaluate data and information necessary to develop a Remedial Action Work Plan; performed the required sampling and prepared the application package to obtain a NYCDEP construction dewatering permit; performed waste classification sampling to characterize the soil for off-site disposal; and oversaw construction excavation activities to ensure compliance with the Remedial Action Work Plan.

As Project Manager, Kenneth Wiles was responsible for coordinating/directing field staff for construction oversight, preparing the NYCDEP dewatering permit, managing the waste characterization sampling event and preparing the associated report, and assisting in the preparation of the RAWP.

Gowanus Canal First Street Turn Basin, New York, NY

AKRF performed professional services for the remedial design for restoration of the Filled-in Former First Street Turning Basin adjacent to the Gowanus Canal in Brooklyn, New York. The remediation is being conducted as part of an Order of Consent between the City of New York and USEPA for the Gowanus Canal Superfund Site. The remedial design will include removal of fill and sediment within the filled-in turning basin in an approximately 475-foot by 50-foot area and the creation of a wetland shelf. Design considerations include geotechnical concerns related to adjacent buildings and new and existing bulkheads; soil and water management; landscape design; and access/construction logistics. The project design is anticipated to be completed in 2020.

Kenneth Wiles manages the design team subconsultants, prepares report submittals, compiles and integrates several report components into larger report submittals, coordinates the implementation of field activities, and coordinates requirements pertaining to the prime contract with NYC Department of Design and Construction (DDC).

New York City School Construction Authority (NYCSCA) On-Call Contract for Environmental Consulting Services, Various Sites in New York, NY

AKRF provides the NYCSCA environmental consulting services for schools undergoing design and development. As Environmental Scientist, Kenneth Wiles prepares contract specifications and reviews contractor submittals for compliance with the specification requirements. The work has also included the investigation of underground storage tanks (USTs) 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.

The Max at 606 West 57th Street, New York, NY

AKRF was been retained by TF Cornerstone to provide environmental services for the redevelopment of a portion of the block bounded by Eleventh and Twelfth Avenues and West 56th and 57th Streets. AKRF prepared an Environmental Impact Statement (EIS) for the NYC 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. After completion of the EIS, the client enrolled in the NYC Voluntary Brownfield Cleanup Program to investigate and remediate the 83,260-square foot site for planned redevelopment. A remedial investigation was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP) pertaining to the planned development. AKRF performed oversight of the construction excavation activities to ensure compliance with the RAWP.

Kenneth Wiles was responsible for coordinating/directing field staff for construction oversight activities for compliance with the RAWP, and assisting in the preparation of the Remedial Closure Report.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST - SENIOR TECHNICAL DIRECTOR

432 East 14th Street, Environmental Management Specifications, Design Coordination and Pre-Characterization of Soil for Off-site Disposal, New York, NY

AKRF completed a Phase II Environmental Site Investigation, prepared a Remedial Action Work Plan, UST Removal Report, and performed soil waste classification sampling for the redevelopment of the site, which formerly consisted of a 23,000-square foot, two-story United States Postal Service office. The soil waste characterization sampling identified hazardous soil, which was successfully managed and disposed of at a licensed facility.

Kenneth Wiles served as Deputy Project Manager and coordinated with the client and contractors, supervised field staff during day-to-day on-site remediation activities, reviewed contractor submittals, and prepared compliance reports including the remedial closure report.

West Side Federation for Senior and Supportive Housing, WSFSSH West 108th Street, New York, NY

AKRF performed a Phase I Environmental Site Assessments and Phase II Environmental Site Investigation (ESI), on behalf of the NYC Office of Environmental Remediation for the proposed redevelopment of four lots. The Phase II ESI Work Plan consisted of an EPA compliant Quality Assurance Project Plan (QAPP). AKRF additionally prepared a Remedial Action Work Plan (RAWP) and supplemental Phase II ESI.

Kenneth Wiles supervised field staff during on-site investigation activities, provided review of the Phase II ESI and RAWP, and drafted contractor specifications for the redevelopment.

New York City Department of Design & Construction, On-Call Contract (HWEARC03), New York, NY

As part of a joint venture, AKRF has been awarded a contract to provide on-call EASs and engineering support to the DDC infrastructure division for various projects throughout the city. The services provided under this contract vary from EASs, property acquisition support, stormwater drainage and water quality analysis to traffic studies, preparation of PDI reports, mapping, roadway design, and ULURP support. AKRF's primary responsibilities include implementation and monitoring of the task orders issued under the contract, and the firm is directly responsible for project management, staffing, schedule, and budgetary requirements of the contract, as well as completing roadway and infrastructure designs, preparing ULURP maps and applications, EASs, PDIs and Damage and Acquisition Maps.

Kenneth Wiles' responsibilities included preparing the Supplemental Subsurface Investigation Work Plan, managing the associated field investigation activities, compiling and evaluating the field data to prepare the Supplemental Subsurface Investigation Report, spearheaded the effort for generating environmental cross-sections throughout the project site, and preparing the Mitigation Work Plan and supporting reports for NAPL recovery via several recovery wells.

New York City School Construction Authority, On-Call Environmental Consulting, New York, NY

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.

Kenneth Wiles prepared contract specifications and reviews contractor submittals for compliance with the specification requirements. The work has also included the investigation of underground storage tanks (USTs) for existing schools.

ERIC PARK

ENVIRONMENTAL ENGINEER

BACKGROUND

Working in the Hazardous Materials department, Mr. Park has served as environmental consultant and project manager to clients remediating and developing their properties. Services provided include remediation system design, bid and technical specification preparation, remediation design, submittal review, contractor negotiations, construction and remediation oversight and management, and Site closure coordination with regulatory agencies. Mr. Park has worked extensively on projects involving tetrachloroethylene (PCE) contamination and with remedial technologies including sub-slab depressurization systems (SSDS), and oxygen injection and air sparge (AS)/soil vapor extraction (SVE).

Education

B.S. Engineering, Cooper Union Albert Nerken School of Engineering, 2006

Licenses/Certifications

40-hour OSHA Certified

Order of the Engineer

Professional Memberships

Years of Experience

Year started in industry and company: 2006

RELEVANT EXPERIENCE

2350 Fifth Avenue, New York, NY

Mr. Park has been involved in the remediation at this privately owned, former-commercial facility with historic PCE contamination. The Site was investigated and remediated as part of the New York State Inactive Hazardous Waste Site Registry (State Superfund) Program, and included multiple rounds of remedial investigation and remediation implementation prior to receiving approval for Site closure from NYSDEC and NYSDOH. The Site remediation tasks included the retro-fitting of an SSDS and SVE system across the majority of the 1.58-acre Site, in-situ chemical oxidation, and contaminant source removal. Mr. Park co-lead the remediation technology design and management of field tasks during implementation of the remedy. Site closure was approved in January 2015.

145 West Street, Greenpoint, NY

Mr. Park has managed the design and implementation of remediation at the former Huxley Envelope site in Greenpoint, Brooklyn. The project is primarily overseen by NYSDEC as part of the Brownfield Cleanup Program (BCP) but is also under NYCOER jurisdiction as multiple E-Designations, including for Hazardous Materials, were applied to the Site during the Greenpoint-Williamsburg Rezoning. Remediation of the Site included removal of underground storage tanks; installation of permanent sheeting; excavation of nearly 100,000 tons of contaminated soil; installation and maintenance of a vapor mitigation system consisting of a vapor barrier and sub-

slab depressurization system (SSDS); construction and maintenance of a Site cover system. Mr. Park is managing the remediation efforts and interfaces with owners, counsel, consultants, and contractors to address construction concerns through completion of the project.

Home Depot, Queens, NY

Mr. Park co-managed remediation implementation at a Home Depot site in Queens, New York as part of the NYSDEC BCP. Remediation of the Site included the design, installation, startup, and maintenance of an AS/SVE system to address PCE contamination in the aquifer. Tasks have included pilot testing, designing the system expansion, writing bid specifications and workplans, and coorinating with the client, contractors and regulatory agencies. Mr. Park was involved in project management through closure of the Site and is currently overseeing ongoing Site management tasks as required by NYSDEC and the Site Management Plan.

Brooklyn Bridge Park, Brooklyn, NY

Mr. Park has been involved in the application for the Department of Sanitation of New York (DSNY) Fill Materials Operation (FMO) permit. He has been working with project consultants and architects to complete the requirements necessary to obtain the FMO. The DSNY permit will allow for the import of gross amounts of approved fill to be used on-site for the construction of noise mitigating hills at the proposed park.

East Side Access, Long Island City, NY

Mr. Park has been working with the New York Metropolitan Transit Authority (MTA) in continued dust concentration analysis related to the East Side Access underground tunnel drilling operation. Mr. Park has been working with MTA and its subcontractors to ascertain the source of particulate in the local ambient air and mitigate all sources.

Queens West Remediation, Long Island City, NY

Mr. Park has been involved in the on-going post-remediation activities at various sites in the Queens West development community. Queens West has a long history of contaminated sites, mostly caused by coal tar-related industrial facilities that were located in the vicinity in the past. Working with other consultants, Mr. Park has taken part in groundwater, soil and soil gas sampling and has been involved in the post investigation documentation.

Halesite MGP RFP, Halesite, NY

Mr. Park was involved in the response to a Request for Proposal regarding the in-situ remediation of a former manufactured gas plant. Mr. Park researched the relevant current in-situ groundwater remediation technologies including Chemox and air sparging. Groundwater and soil beneath the property have been affected by MGP related contaminants such as coal tar. Mr. Park was involved in coordination meeting with in-house marketing and sub-contractors working in conjunction with AKRF for the submission of the proposal.

Flushing Industrial Park, Flushing, NY

Mr. Park was involved in the remedial activities at the Brownfield site in Flushing, New York. Mr. Park assisted in the installation and sampling of post-remediation groundwater monitoring wells. Mr. Park has also been involved in the preparation of the Site Management Plan and Final Engineering Report, detailing the on-site remedial activities to date.

Columbia University Manhattanville Academic Mixed-Use Development, New York, NY

Mr. Park was involved in the preparation of the Remedial Action Plan / Construction Health and Safety Plan for the redevelopment of Columbia University. Due to the scope and scale of the intended development, many issues

concerning hazardous materials (auto-industry related facilities, historic MGP sites) were addressed in conjunction with issues from the associated Environmental Impact Statement.

AvalonBay Gold Street, Brooklyn, NY

Mr. Park was involved in subsurface investigations at the proposed AvalonBay development site. The work entailed collecting soil samples for waste characterization and groundwater data. The site work was used as part of the ongoing pre-construction phase activities.

AvalonBay Willoughby West, Brooklyn, NY

Mr. Park has conducted Phase I Site Assessment and Phase II subsurface investigations at the proposed AvalonBay development in Downtown Brooklyn. Working closely with the landowner and AvalonBay, Mr. Park has been evaluating subsurface conditions at the site concerning a known fuel oil spill and potential solvent and gasoline contamination plumes within the site.

Paragon Paint, Long Island City, NY

Mr. Park oversaw the installation of ten soil borings at the abandoned Paragon Paint facility. Soil, soil vapor, and groundwater samples were collected to determine the severity of the contamination associated with ten on site underground storage tanks as well as the paint operations formerly conducted on site.

MARCO BALLETTA

ENVIRONMENTAL SCIENTIST

Marco Balletta is an Environmental Scientist in AKRF's Hazardous Materials Department. Marco has a 5-year degree in Environmental Science from - Seconda Universita' degli Studi di Napoli (SUN) – Caserta, Campania, Italy. He has practical experience in both a laboratory setting and in the field. His range of expertise includes the collection and analysis of environmental samples including soil, sediment, groundwater, surface water, indoor air and ambient air. Marco has professional experience including: Environmental Field Technician, Health and Safety Officer, Industrial Hygienist, Lab Analyst, Laboratory Research Assistant, Solid Waste Geologist Intern at the New York State Department of Environmental Conservation (NYSDEC).

BACKGROUND

Education

Seconda Universita' degli Studi di Napoli, Caserta, Italy, Environmental Science, 2009

Licenses/Certifications

NYSDEC Erosion and Sediment Control Site Inspector
NYSDOL Asbestos Inspector
OSHA 10 Hour Construction Safety & Health Course
OSHA 40 Hour HAZWOPER
OSHA 8 Hour Refresher
OSHA 8 Hour Supervisor

Years of Experience

11 years in the industry
10 years with AKRF

RELEVANT EXPERIENCE

25 Broad Street, New York, NY

AKRF was retained by LCOR to design and implement a Community Air Monitoring program during demolition of a former residential building on a property in lower Manhattan that is to be redeveloped. The program includes real-time community monitoring for volatile organic compounds and particulate matter, personnel monitoring for particulate matter, and confirmatory sampling for silica.

Marco Balletta was the on-site construction inspector responsible for calibrating equipment and monitoring levels of volatile organic compounds and particulate matter for the surrounding area and construction personnel. Reports of the daily activity including data collected throughout the day were prepared for submittal to the client. Marco summarized the data and contributed to the Final Engineering Report.

Convent of the Sacred Heart, New York, NY

AKRF prepared an Environmental Assessment Statement (EAS) for a new 4-story, approximately 50,000 square foot educational/athletic facility for the Convent of the Sacred Heart School of New York. The new educational/athletic facility would include a natatorium, lobby, locker rooms, and a homework room/lounge on the ground floor, classrooms on the second floor, a full gymnasium on the third floor, classrooms on the fourth floor, and possibly an artificial turf roof, and would serve the school's existing students. The proposed action required a special permit from the Board of

MARCO BALLETTA

ENVIRONMENTAL SCIENTIST

Standards and Appeals pursuant to Section 73-19 of the New York City Zoning Resolution to allow a school use in a C8-4 zoning district.

Marco Balletta served as the construction inspector for this project, during which he monitored construction activities in accordance with the OER-approved RAP. His duties included community air monitoring for volatile organic compounds and airborne dust, and preparing daily reports for submittal to the OER project manager.

181 Avenue A, New York, NY

In his role as an Environmental Scientist, Marco Balletta performed an Asbestos-Containing Materials (ACM) Survey at Avenue A Site (a former Catholic School complex), located at 181 Avenue A in Manhattan, New York. The survey included the inspection of the building to identify suspect ACMs; collection of representative samples of suspect ACMs; documentation of sampling locations in accordance with laboratory requirements on a Chain-of-Custody form; and submission of samples for analysis of suspect ACMs at a New York State Department of Health (NYSDOH)-approved laboratory.

Riverside South Parcel K1 Environmental Monitoring, New York, NY

In his role as Construction Inspector, Marco Balletta has overseen soil management activities, conducted air quality monitoring, and prepared daily reports for submittal to the regulatory agency.

Memorial Sloan Kettering East 64th Street Laboratory Medicine Building, New York, NY

Noise produced by mobile sources (automobiles, trucks, and trains), stationary sources (machinery, ventilation systems, and manufacturing operations), and construction activities can cause stress-related illness, disrupt sleep, and break concentration. The noise impact study for the Memorial Sloan Kettering Cancer Center was conducted to determine real time noise levels prior to renovations and construction activities. This provided a background level reference point for when construction activities started.

In his role as an Environmental Scientist, Marco Balletta assisted New York City certified asbestos investigators and inspector with an ACM Survey of the approximately 24,300-square foot, two-story garage with a partial basement located at 327 East 64th Street in New York, NY. Marco also assisted asbestos investigators with the identification of suspect ACMs, the collection of representative samples of suspect ACMs, the documentation of sampling locations on a Chain-of-Custody form.

Peerless - Empire, Brooklyn, NY

AKRF was contracted by a private landowner of a 17-acre site along the Newtown Creek waterfront located above the 55-acre 20-million gallon underground petroleum plume. The site is located on property formerly utilized for petroleum refining and storage, and the property owner requested assistance understanding the impacts, negotiating investigation and cleanup activities with ExxonMobil and NYSDEC, to protect employees and limit disturbances to business operations.

Marco Balletta performed an on-site chemical inventory; concrete floor inspection for cracks and damage; inspection of the Sub-Slab Depressurization System (SSDS) for proper operation and negative pressure readings; and indoor and ambient air sampling using Summa canisters equipped with regulators set to obtain a continuous sample over a 24-hour period.

MARCO BALLETTA

ENVIRONMENTAL SCIENTIST

New York City School Construction Authority (NYCSCA), Hurricane Sandy Emergency Response, PS 2R & 52R - Water Disinfection, Staten Island, NY

In his role as an Environmental Scientist, Marco Balletta provided oversight to ensure that the water disinfection and flushing were performed in accordance with the contract specifications, the approved DWQTP, New York City Plumbing Code, and other applicable Federal, State and local regulations.

NYCSCA, Hurricane Emergency Response, Bronx and Brooklyn, NY

In his role as Environmental Scientist, Marco Balletta oversaw the spill remediation activities and documented these activities on behalf of the SCA.

NYCSCA, On-Call Environmental Consulting, New York, NY

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.

In his role as an Environmental Scientist, Marco Balletta worked on the following assignments under this contract:

- SCA ERC Hazmat CS
- 3k - 319 Stanhope Street
- 3k - 272 Moffat Street
- JHS 014K
- PS 214K
- IS 252K
- PS 307K
- PS 682K
- PS 97M
- PS 31Q
- PS 434Q
- PS 450Q - Long Island City High School
- PS 347X - International Leadership Charter High School
- PS 468X

NYCSCA, On-Call Environmental Consulting (Multiple Contracts), New York, NY

AKRF has held multiple on-call hazardous materials consulting contracts with the NYCSCA. In addition to conducting Phase I and Phase II Environmental Site Assessments, AKRF performed lead in drinking water sampling in about 160 schools during two three-month periods. AKRF continues to provide lead sampling, reporting and remedial 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 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.

In his role as an Environmental Scientist, Marco Balletta worked on the following assignments under these contracts:

- PS 108K - Water Disinfection
- PS 90K - Water Disinfection
- PS 101K - Disinfection and Lead
- PS 682K
- 1223 Coney Island Ave Brooklyn
- 4323 2nd Ave Brooklyn
- 980 Atlantic Ave Brooklyn PS 19X - Addition
- PS 440M Bayard Water Disinfection
- PS 010M - Water Disinfection
- PS 75M - Ust Closure
- SCA UPK - Manhattan
- PS 29R - Disinfection
- Q143 - Disinfection
- PS 024Q - Disinfection and Lead
- 91Q - Water Disinfection
- PS 143Q - Design
- PS 19Q Phase I Update
- PS 383Q - Water Disinfection
- PS 314X - Water Disinfection
- PS 046X - Water Disinfection
- Washington Irving Tank Disinfection
- 335 Adams Street
- SCA Potable Water Sampling
- City-Wide Water Sampling
- 4302-4310 4th Avenue
- St. John Villa
- 21-31 and 35 Delavan Street
- Hurricane Sandy Emergency Response PS 2R & 52R - Water Disinfection
- PS 106X - Water Disinfection
- PS 113X - Water Disinfection
- PS 14X - Addition
- PS 170K - Water Disinfection
- PS 261K - Water Disinfection
- IS 98K - Flood Elimination
- PS 265K - Boiler Replacement
- PS 38K - Water Disinfection
- PS 52R
- PS 56Q - Water Disinfection
- PS 70Q - Water Disinfection

- PS 315Q - Water Disinfection
- PS 163Q
- PS 868M - Water Disinfection
- PS 94M - Boiler Conversion
- 111-10 Astoria Blvd
- 28-42 Trinity Place
- Bronx Regional HS - Water Disinfection
- Hurricane Emergency Response

NYCSCA On-Call Contract (SEQRA), Various locations, NY

Under an on-call contract with NYCSCA, AKRF is providing Site Acquisition and SEQR Services at various school sites. The contract also involves the preparation of the EISs and Environmental Assessment Forms (EAFs) with Supplemental Studies for existing and potential school properties.

In his role as an Environmental Scientist, Marco Balletta worked on an assignment for the 8th Street Archaeology project under this contract.

CLAIRE BEARDEN

SENIOR PROFESSIONAL

Claire Bearden is an Environmental Scientist in AKRF's Hazardous Materials Department with experience in preparing Phase I environmental site assessments, Phase II Site Investigations, Remedial Investigations, and technical reporting, in addition to performing various remedial oversight and field investigation responsibilities.

BACKGROUND

Education
BS, Syracuse University, Earth Science with Environmental Focus, 2016

Licenses/Certifications
OSHA 10-hour Construction Industry
OSHA 40-hour HAZWOPER Certified
OSHA 8-Hour Supervisor Training Certified

Professional Memberships
Programs Committee Member, Society of Women Environmental Professionals, NJSWEP Programs Committee

Years of Experience
5 years in the industry
1 year with AKRF

RELEVANT EXPERIENCE

Remedial Construction Oversight and Certification Under NYSDEC of Regional Food Hub Warehouse on Former MGP Site, Bronx, NY

Remedial construction oversight and certification under NYSDEC of regional food hub warehouse on former MGP site. Claire Bearden performed remedial construction oversight to satisfy NYSDEC Brownfield Cleanup Program (BCP) program requirements during the initial redevelopment stages of a former Manufactured Gas Plant (MGP) facility. Claire's duties have included administering a Community Air Monitoring Program (CAMP) with continuous data collection and automated telemetry for airborne particulates and volatile organics during remedial activities. Claire has completed progress reporting for NYSDEC, and assisted with the collection of soil and concrete samples proposed for reuse and/or off-site disposal during the redevelopment.

Raritan Rail Yard SIWP, Raritan, NJ

AKRF is performing a Site Investigation for NJ Transit under NJDEP's Site Remediation Program to evaluate several historic petroleum releases at this active rail yard. Claire Bearden has been responsible for conducting preliminary review of historic investigation activities on file with NJ Transit dating back to the early 1980s. Clarie has also submitted requests to NJDEP to review regulatory files for active and inactive remedial cases on and adjacent to the site. As part of the initial phase of the site investigation, Claire completed rail safety training and helped retrieve passive soil gas samplers at the site.

CLAIRE BEARDEN

SENIOR PROFESSIONAL

Hudson Piers, Yonkers, NY

AKRF is providing site assessment/remediation services for the southern half of the Hudson Piers site along the Yonkers waterfront. The 17.4-acre, $585 million project will yield a mix of market-rate housing, affordable apartments, and retail space. Claire Bearden collected soil vapor and groundwater samples.

167 North Broadway, Yonkers, NY

Claire Bearden performed remedial construction oversight for a structurally complicated 20-foot-deep excavation, which required a sliding rail shoring system for support of excavation to protect adjacent buildings and structures. Claire's responsibilities included direct oversight of the contractor performing the excavation, implementation of community air monitoring, and collection of post-excavation end point samples. Upon completion of the remediation, Claire drafted the remedial action report for submission to NYSDEC.

Hunters Point South Towers, Queens, NY

AKRF provided environmental analysis and documentation pursuant to CEQR and NEPA guidelines, prepared the construction protection plan for adjacent infrastructure, provided facade noise attenuation consulting, and has been providing site assessment and remediation consulting for 52-41 Center Boulevard and 52-03 Center Boulevard in Long Island City as part of the Hunter's Point waterfront development. AKRF completed on-site Phase I and Phase II investigations, drafted the NYCDEP Remedial Action Plans, are conducting construction monitoring work, and will be preparing closure reports when the construction work is complete.

Claire Bearden performed construction oversight and air monitoring during the excavation work required for installation of utilities in the courtyard. For this project, Claire screened and oversaw the trenching and stockpiling of soil as a representative of the generator. She also performed a Air Monitoring Program for airborne particulates and VOCs during soil handling activities.

1000-1006 Westchester Avenue, Bronx, NY

A new commercial and community building is planned for 1000-1006 Westchester Avenue in the Bronx, including a Democracy Prep Public Schools charter school. AKRF is providing site assessment/remediation and civil engineering services for the project. Claire Bearden drafted the waste classification report for this project.

1941 & 1959 Jerome Avenue, Bronx, NY

AKRF conducted a Supplemental Remedial Investigation (RI) on behalf of the Client to support an application to the NYSDEC Brownfield Cleanup Program (BCP) for this automotive facility in the Bronx. Claire Bearden logged soils cores and collected soil vapor, soil and groundwater samples.

APPENDIX D

OCTOBER 2022 SUPPLEMENTAL INVESTIGATION - SOIL BORING LOGS

SOIL BORING LOG

Atlantic Chestnut - Lot 3 275 Chestnut Street, Brooklyn, New York AKRF Project Number: 12184	Soil Boring ID: L3-PP-SB-1 Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	64-68 °F, Cloudy
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 08:00 | Finish Time: 09:30
Date: 10/13/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	25	Top 12": CONCRETE SLAB.	None	Dry	0.2	None	
2		Next 4": Dark brown SAND, some fine Gravel, little Silt and red Brick (FILL).	None	Dry	0.1 0.7	None	
3		Next 4": CONCRETE SLAB.	None	Dry	0.2	None	
4		Bottom 5": Black SAND, little fine Gravel and Silt (FILL).	None	Dry	0.3	None	
5							
6	24	Top 8": Brown SAND, some fine Gravel and Silt, little Clay (FILL).	None	Dry	ND	None	L3-PP-SB-1_5-6_20221013 L3-PP-SB-1_6-8_20221013
7							
8		Bottom 16": Brown SAND, some fine Gravel, little Silt (FILL).	None	Dry	0.1	None	L3-PP-SB-1_8-10_20221013
9							
10							
11	29	Top 6": Brown SAND, some fine Gravel, little Silt and Brick (FILL).	Faint Solvent-Like	Dry	0.4 0.3	None	L3-PP-SB-1_10-12_20221013 L3-PP-SB-1_12-14_20221013
12							
13		Bottom 23": Brown fine Sand, little fine Gravel and Silt (FILL).	None	Dry	0.2 0.2	None	
14							
15							L3-PP-SB-1_14-15_20221013
16	21	Top 17": Brown SAND, little fine Gravel and Silt.	Burned-Like	Dry	5.4	None	
17							
18		Bottom 4": Brown SAND, little fine Gravel and Silt.	Burned-Like	Dry	0.4	None	
19							
20							

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Burned-like odor was detected between 15 and 20 feet, likely related to the overheated drilling rod, which may have affected PID readings.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid 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 LOG

Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
AKRF Project Number: 12184

Soil Boring ID: L3-PP-SB-1
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	64-68 °F, Cloudy
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 08:00 **Finish Time: 09:30**
Date: 10/13/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	32	Top 4": Brown SAND, little fine Gravel and Silt.	None	Dry	0.7	None	
22		Middle 16": Grey SAND, some fine Gravel and Silt.	None	Dry	0.6	None	
23							
24		Bottom 12": Brown fine SAND, little fine Gravel and Silt.	None	Dry	0.8	None	
25							
26	33	Top 12": Brown SAND, little fine Gravel and Silt.	None	Dry	ND	None	
27		Middle 5": Brown to grey SAND, little fine Gravel, little Silt.	None	Dry	0.1	None	
28							
29		Bottom 16": Brown fine SAND, little fine Gravel and Silt.	None	Dry	0.1	None	
30							
31	37	Top 14": Brown fine SAND, some fine Gravel, little Silt.	None	Dry	ND	None	
32							
33		Bottom 23": Brown fine SAND, little fine Gravel and Silt.	None	Dry	ND	None	
34							
35							

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Burned-like odor was detected between 15 and 20 feet, likely related to the overheated drilling rod, which may have affected PID readings.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid 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 LOG

Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
AKRF Project Number: 12184

Soil Boring ID: **L3-PP-SB-2**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	64-68 °F, Cloudy
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 11:35 **Finish Time: 12:45**
Date: 10/13/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	25	Top 6": CONCRETE SLAB.	None	Dry	0.7	None	
2		Next 4": Dark brown SAND, some fine Gravel, little Silt (FILL).	None	Dry	0.4	None	
3		Next 6": Black SAND, some fine Gravel, little Silt (FILL).	None	Dry	2.7	None	
4		Bottom 9": Dark brown SAND, some fine Gravel, little Silt, little red Brick (FILL).	Faint Solvent-Like	Dry	3.3	None	
5					2.9		
6	25	Brown fine SAND, some fine Gravel, little Silt.	None	Dry	0.6	None	L3-PP-SB-2_5-6_20221013
7							L3-PP-SB-2_6-8_20221013
8							
9							L3-PP-SB-2_8-10_20221013
10							
11	38	Brown fine SAND, some fine Gravel, little Silt.	None	Dry	0.4	None	L3-PP-SB-2_10-12_20221013
12							
13							L3-PP-SB-2_12-14_20221013
14							
15							L3-PP-SB-2_14-15_20221013
16	29	Top 6": Brown SAND, little fine Gravel and Silt.	Faint Solvent-Like		0.3		
17							
18							
19		Bottom 23": Brown SAND, little fine Gravel and Silt.	None	Dry	0.2	None	
20							

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid 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 LOG

Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
AKRF Project Number: 12184

Soil Boring ID: **L3-PP-SB-2**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	64-68 °F, Cloudy
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 11:35 **Finish Time: 12:45**
Date: 10/13/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	25	Brown SAND, little fine Gravel and Silt.	Faint Solvent-Like	Dry	ND	None	
26 – 30	26	Brown SAND, little fine Gravel and Silt.	Faint Solvent-Like	Dry	ND	None	
31 – 35	28	Brown fine SAND, little fine Gravel and Silt.	None	Dry Moist	ND	None	

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid 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 LOG

Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
AKRF Project Number: 12184

Soil Boring ID: **L3-PP-SB-2B**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	54-68 °F, Sunny
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 12:05 **Finish Time: 13:40**
Date: 10/12/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 8": CONCRETE SLAB.	None	Dry	0.3	None	
2							
3		Bottom 32": Dark brown SAND, some fine Gravel and red Brick, little Silt (FILL).	None	Dry	1.9	None	
4							
5							
6	33	Top 14": Dark Brown SAND, some fine Gravel, little Silt and red Brick, Wood (FILL).	None	Dry	1.7 3.2	None	
7							
8		Middle 3": CONCRETE, some Wood (FILL).	None	Dry	2.8	None	
9		Bottom 16": Brown SAND, some fine Gravel, little Silt (FILL).	None	Dry	2.3	None	
10							
11	44	Top 6": Brown SAND, little fine Gravel and Silt (FILL).	Faint Solvent-Like	Dry	5.2	None	
12							
13							
14		Bottom 38": Brown SAND, little fine Gravel (FILL).	None	Dry	0.7	None	
15							
16	39	Top 8": Brown SAND, little fine Gravel and Silt (FILL).	Faint Solvent-Like	Dry	3	None	L3-RI-SB-2B_15-16_20221012
17							L3-RI-SB-2B_16-18_20221012
18							
19		Bottom 31": Brown SAND, little fine Gravel and Silt.	None	Dry	0.2	None	L3-RI-SB-2B_18-20_20221012
20							

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **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 LOG

Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
AKRF Project Number: 12184

Soil Boring ID: **L3-PP-SB-2B**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	54-68 °F, Sunny
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 12:05 **Finish Time: 13:40**
Date: 10/12/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	33	Top 12": Brown SAND, some fine Gravel, little Silt.	Very faint Solvent-Like	Dry	0.2	None	L3-RI-SB-2B_20-22_20221012
22				Dry	0.4	None	
23				Dry	0.0	None	L3-RI-SB-2B_22-24_20221012
24		Bottom 21": Brown SAND, little fine Gravel and Silt.	None				
25							L3-RI-SB-2B_24-26_20221012
26	32	Top 12": Brown SAND, some fine Gravel, little Silt.	Very faint Solvent-Like	Dry	1.1	None	
27				Dry	2	None	L3-RI-SB-2B_26-28_20221012
28				Dry	0.2	None	
29		Bottom 20": Brown SAND, little fine Gravel and Silt.	None	Dry	0.1	None	L3-RI-SB-2B_28-30_20221012
30							
31	33	Brown fine SAND, little fine Gravel and Silt.	None	Dry	0.1	None	L3-RI-SB-2B_30-32_20221012
32							
33							L3-RI-SB-2B_32-34_20221012
34							
35							

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid 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 LOG

Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
AKRF Project Number: 12184

Soil Boring ID: **L2-RI-SB-10B**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	54-68 °F, Sunny
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 10:00 **Finish Time: 11:30**
Date: 10/12/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	34	Top 8": CONCRETE SLAB.	None	Dry	0.4	None	
2		Middle 16": Black SAND, some fine Gravel, little Silt and Red Brick (FILL).	None	Dry	2	None	
3							
4		Bottom 10": Dark grey SAND, some fine Gravel (FILL).	None	Dry	4.6	None	
5							
6	11	CONCRETE SLAB.	None	Dry	0.8	None	
7							
8							
9							
10							
11	42	Top 4": Dark grey SAND, some fine Gravel, little red Brick (FILL).	None	Dry	3.6	None	
12							
13							
14		Bottom 38": Brown SAND, little fine Gravel and Silt.	None	Dry	2.7	None	
15							
16	41	Brown SAND, little fine Gravel and Silt.	None	Dry	1.6	None	L2-RI-SB-10B_15-16_20221012
17							L2-RI-SB-10B_16-18_20221012
18							
19							L2-RI-SB-10B_18-20_20221012
20							

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **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 LOG	Atlantic Chestnut - Lot 3 275 Chestnut Street, Brooklyn, New York AKRF Project Number: 12184	Soil Boring ID: Sheet 2 of 2	L2-RI-SB-10B

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Rotosonic Drill Rig
Sampling Method:	5' Plastic Liners
Driller:	Eastern Environmental
Weather:	54-68 °F, Sunny
Logged By:	M. Balletta , AKRF

Drilling
Start Time: 10:00 | Finish Time: 11:30
Date: 10/12/2022

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	40	Top 7": Brown SAND, little fine Gravel and Silt.	Faint Solvent-Like	Dry	1	None	L2-RI-SB-10B_20-22_20221012
22							
23							L2-RI-SB-10B_22-24_20221012
24		Bottom 33": Brown SAND, little fine Gravel.	None	Dry	0.6	None	
25							L2-RI-SB-10B_24-26_20221012
26	26	Top 6": Brown SAND, some fine Gravel, little Silt.	None	Dry	0.3	None	L2-RI-SB-10B_26-28_20221012
27							
28							L2-RI-SB-10B_28-30_20221012
29		Bottom 20": Brown SAND, little fine Gravel and Silt.	None	Dry	0.2	None	
30							
31	38	Brown fine SAND, little fine Gravel and Silt.	None	Dry	0.3	None	L2-RI-SB-10B_30-32_20221012
32							
33							L2-RI-SB-10B_32-34_20221012
34							
35				Moist			

Notes: Soil sample analyzed for CVOCs by EPA Method 8260.
Groundwater not encountered during soil boring advancement.
End of soil boring at 35 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

APPENDIX E

OCTOBER 2022 SUPPLEMENTAL INVESTIGATION - LABORATORY REPORT AND DUSR

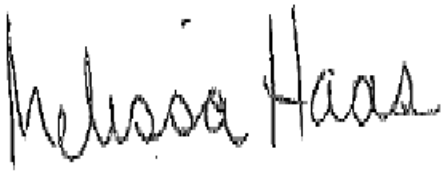
ANALYTICAL REPORT

Job Number: 460-267360-1

Job Description: Atlantic Chestnut Lot 3

For:
AKRF Inc
440 Park Avenue South
7th Floor
New York, NY 10016

Attention: Mr. Eric Park



Approved for release.
Melissa Haas
Senior Project Manager
10/25/2022 5:45 PM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@et.eurofinsus.com
10/25/2022

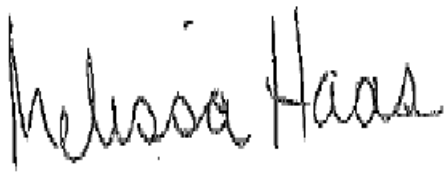
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Job Number: 460-267360-1

Job Description: Atlantic Chestnut Lot 3

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
10/25/2022 5:45 PM

Melissa Haas

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CASE NARRATIVE

Client: AKRF Inc

Project: Atlantic Chestnut Lot 3

Report Number: 460-267360-1

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 10/12/2022 7:00 PM, 10/13/2022 7:00 PM and 10/14/2022 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.3º C, 1.7º C and 2.5º C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Tests were not checked off for samples on page 2 of the 10/12 COC. The client instructed the lab to analyze all samples.

One or more containers for the following sample was received empty: L3-PP-SB-2_10-12_20221013 (460-267521-7). 1 of 3 Cores was received empty.

Holds were cancelled by the client on 10/25/22.

Trip blank and field blank IDs were revised by the client on 10/25/22.

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 L2-RI-SB-10B_15-16_20221012 (460-267360-1), L2-RI-SB-10B_16-18_20221012 (460-267360-2), L2-RI-SB-10B_18-20_20221012 (460-267360-3), L2-RI-SB-10B_20-22_20221012 (460-267360-4), L2-RI-SB-10B_22-24_20221012 (460-267360-5), L2-RI-SB-10B_24-26_20221012 (460-267360-6), L2-RI-SB-10B_26-28_20221012 (460-267360-7), L2-RI-SB-10B_28-30_20221012 (460-267360-8), L2-RI-SB-10B_30-32_20221012 (460-267360-9), L2-RI-SB-10B_32-34_20221012 (460-267360-10), L3-SB-X1_20221012 (460-267360-11), L3-RI-SB-2B_15-16_20221012 (460-267360-12), L3-RI-SB-2B_16-18_20221012 (460-267360-13), L3-RI-SB-2B_18-20_20221012 (460-267360-14), L3-RI-SB-2B_20-22_20221012 (460-267360-15), L3-RI-SB-2B_22-24_20221012 (460-267360-16), L3-RI-SB-2B_24-26_20221012 (460-267360-17), L3-RI-SB-2B_26-28_20221012 (460-267360-18), L3-RI-SB-2B_28-30_20221012 (460-267360-19), L3-RI-SB-2B_30-32_20221012 (460-267360-20) and L3-RI-SB-2B_32-34_20221012 (460-267360-21) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 10/14/2022 and analyzed on 10/17/2022 and 10/18/2022.

Samples FB1_20221012 (460-267360-22) and TB1_20221012 (460-267360-23) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/14/2022.

The continuing calibration verification (CCV) analyzed in batch 460-872260 was outside the method criteria for the following analyte(s): Chloromethane. 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.

The continuing calibration verification (CCV) associated with batch 460-872456 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872456 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon tetrachloride and Dibromochloromethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-872353 recovered above the upper control limit for 1,1-Dichloroethene and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872353 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon tetrachloride and Dibromochloromethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following samples in analytical batch 460-872434 was outside acceptance criteria: L3-PP-SB-1_10-12_20221013 (460-267458-4). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-872160 was outside the method criteria for the following analyte(s): Chloromethane and Vinyl chloride. 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.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following samples in analytical batch 460-872315 was outside acceptance criteria: L3-PP-SB-1_8-10_20221013 (460-267458-3), L3-PP-SB-1_12-14_20221013 (460-267458-5) and L3-PP-SB-1_14-15_20221013 (460-267458-6). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-872315 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon tetrachloride, Tetrachloroethene and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-872711 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872711 recovered outside control limits for the following analytes: 1,1-Dichloroethene (biased low) and Methylene Chloride (biased high). These analytes were not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: L3-PP-SB-1_5-6_20221013 (460-267458-1). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-872367 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane. 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.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following sample in analytical batch 460-872987 was outside acceptance criteria: L3-PP-SB-2_14-15_20221013 (460-267521-9). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-DIoxane-d8 for the following sample in analytical batch 460-872520 was outside acceptance criteria: L3-PP-SB-2_12-14_20221013 (460-267521-8). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-Dioxane-d8 and TBA-d9 for the following sample in analytical batch 460-872520 was outside acceptance criteria: L3-PP-SB-2_10-12_20221013 (460-267521-7). These ISTDs do not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: L3-PP-SB-2_5-6_20221013 (460-267521-3). Elevated reporting limits (RLs) are provided.

The laboratory control sample duplicate (LCSD) for analytical batch 460-873205 recovered outside control limits for the following analyte: trans-1,3-Dichloropropene. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Several analytes failed the recovery criteria low for the MS of sample L2-RI-SB-10B_15-16_20221012MS (460-267360-1) in batch 460-872430. Trichloroethene failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MSD of sample L2-RI-SB-10B_15-16_20221012MSD (460-267360-1) in batch

460-872430. Trichloroethene exceeded the RPD limit.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples L2-RI-SB-10B_15-16_20221012 (460-267360-1), L2-RI-SB-10B_16-18_20221012 (460-267360-2), L2-RI-SB-10B_18-20_20221012 (460-267360-3), L2-RI-SB-10B_20-22_20221012 (460-267360-4), L2-RI-SB-10B_22-24_20221012 (460-267360-5), L2-RI-SB-10B_24-26_20221012 (460-267360-6), L2-RI-SB-10B_26-28_20221012 (460-267360-7), L2-RI-SB-10B_28-30_20221012 (460-267360-8), L2-RI-SB-10B_30-32_20221012 (460-267360-9), L2-RI-SB-10B_32-34_20221012 (460-267360-10), L3-SB-X1_20221012 (460-267360-11), L3-RI-SB-2B_15-16_20221012 (460-267360-12), L3-RI-SB-2B_16-18_20221012 (460-267360-13), L3-RI-SB-2B_18-20_20221012 (460-267360-14), L3-RI-SB-2B_20-22_20221012 (460-267360-15), L3-RI-SB-2B_22-24_20221012 (460-267360-16), L3-RI-SB-2B_24-26_20221012 (460-267360-17), L3-RI-SB-2B_26-28_20221012 (460-267360-18), L3-RI-SB-2B_28-30_20221012 (460-267360-19), L3-RI-SB-2B_30-32_20221012 (460-267360-20) and L3-RI-SB-2B_32-34_20221012 (460-267360-21) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/16/2022.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-267360-1
Project/Site: Atlantic Chestnut Lot 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-267360-1	L2-RI-SB-10B_15-16_20221012	Solid	10/12/22 12:00	10/12/22 19:00
460-267360-2	L2-RI-SB-10B_16-18_20221012	Solid	10/12/22 12:10	10/12/22 19:00
460-267360-3	L2-RI-SB-10B_18-20_20221012	Solid	10/12/22 12:15	10/12/22 19:00
460-267360-4	L2-RI-SB-10B_20-22_20221012	Solid	10/12/22 12:20	10/12/22 19:00
460-267360-5	L2-RI-SB-10B_22-24_20221012	Solid	10/12/22 12:35	10/12/22 19:00
460-267360-6	L2-RI-SB-10B_24-26_20221012	Solid	10/12/22 12:30	10/12/22 19:00
460-267360-7	L2-RI-SB-10B_26-28_20221012	Solid	10/12/22 12:35	10/12/22 19:00
460-267360-8	L2-RI-SB-10B_28-30_20221012	Solid	10/12/22 12:40	10/12/22 19:00
460-267360-9	L2-RI-SB-10B_30-32_20221012	Solid	10/12/22 12:45	10/12/22 19:00
460-267360-10	L2-RI-SB-10B_32-34_20221012	Solid	10/12/22 12:50	10/12/22 19:00
460-267360-11	L3-SB-X1_20221012	Solid	10/12/22 12:30	10/12/22 19:00
460-267360-12	L3-RI-SB-2B_15-16_20221012	Solid	10/12/22 14:00	10/12/22 19:00
460-267360-13	L3-RI-SB-2B_16-18_20221012	Solid	10/12/22 14:05	10/12/22 19:00
460-267360-14	L3-RI-SB-2B_18-20_20221012	Solid	10/12/22 14:10	10/12/22 19:00
460-267360-15	L3-RI-SB-2B_20-22_20221012	Solid	10/12/22 14:15	10/12/22 19:00
460-267360-16	L3-RI-SB-2B_22-24_20221012	Solid	10/12/22 14:20	10/12/22 19:00
460-267360-17	L3-RI-SB-2B_24-26_20221012	Solid	10/12/22 14:25	10/12/22 19:00
460-267360-18	L3-RI-SB-2B_26-28_20221012	Solid	10/12/22 14:30	10/12/22 19:00
460-267360-19	L3-RI-SB-2B_28-30_20221012	Solid	10/12/22 14:35	10/12/22 19:00
460-267360-20	L3-RI-SB-2B_30-32_20221012	Solid	10/12/22 14:40	10/12/22 19:00
460-267360-21	L3-RI-SB-2B_32-34_20221012	Solid	10/12/22 14:45	10/12/22 19:00
460-267360-22	L3-FB-01_20221012	Water	10/12/22 15:00	10/12/22 19:00
460-267360-23	L3-TB-01_20221012	Water	10/12/22 00:00	10/12/22 19:00
460-267458-1	L3-PP-SB-1_5-6_20221013	Solid	10/13/22 11:10	10/13/22 19:00
460-267458-2	L3-PP-SB-1_6-8_20221013	Solid	10/13/22 11:20	10/13/22 19:00
460-267458-3	L3-PP-SB-1_8-10_20221013	Solid	10/13/22 11:25	10/13/22 19:00
460-267458-4	L3-PP-SB-1_10-12_20221013	Solid	10/13/22 11:30	10/13/22 19:00
460-267458-5	L3-PP-SB-1_12-14_20221013	Solid	10/13/22 11:35	10/13/22 19:00
460-267458-6	L3-PP-SB-1_14-15_20221013	Solid	10/13/22 11:40	10/13/22 19:00
460-267458-11	L3-SB-X2_20221013	Solid	10/13/22 12:00	10/13/22 19:00
460-267458-12	L3-FB-02_20221013	Water	10/13/22 12:00	10/13/22 19:00
460-267458-33	L3-TB-02_20221013	Water	10/13/22 00:00	10/13/22 19:00
460-267521-1	L3-TB-01_20221013	Water	10/13/22 00:00	10/14/22 18:00
460-267521-2	L3-FB-01_20221013	Water	10/13/22 18:30	10/14/22 18:00
460-267521-3	L3-PP-SB-2_5-6_20221013	Solid	10/13/22 17:00	10/14/22 18:00
460-267521-4	L3-SB-X4_20221013	Solid	10/13/22 18:00	10/14/22 18:00
460-267521-5	L3-PP-SB-2_6-8_20221013	Solid	10/13/22 17:05	10/14/22 18:00
460-267521-6	L3-PP-SB-2_8-10_20221013	Solid	10/13/22 17:10	10/14/22 18:00
460-267521-7	L3-PP-SB-2_10-12_20221013	Solid	10/13/22 17:15	10/14/22 18:00
460-267521-8	L3-PP-SB-2_12-14_20221013	Solid	10/13/22 17:20	10/14/22 18:00
460-267521-9	L3-PP-SB-2_14-15_20221013	Solid	10/13/22 17:25	10/14/22 18:00

Detection Summary

Client: AKRF Inc
Project/Site: Atlantic Chestnut Lot 3

Job ID: 460-267360-1

Client Sample ID: L2-RI-SB-10B_15-16_20221012 — Lab Sample ID: 460-267360-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.0072		0.0010	0.00032	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.0078		0.0010	0.00033	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_16-18_20221012 — Lab Sample ID: 460-267360-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.0029		0.0011	0.00040	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0022		0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.040		0.0011	0.00036	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_18-20_20221012 — Lab Sample ID: 460-267360-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.0011		0.0010	0.00022	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0034		0.0010	0.00032	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.0036		0.0010	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_20-22_20221012 — Lab Sample ID: 460-267360-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.0032		0.0011	0.00023	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.011		0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.012		0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_22-24_20221012 — Lab Sample ID: 460-267360-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.0050		0.0011	0.00023	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0019		0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.0016		0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_24-26_20221012 — Lab Sample ID: 460-267360-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.0017		0.0011	0.00023	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00072	J	0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.0042		0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_26-28_20221012 — Lab Sample ID: 460-267360-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00052	J	0.0012	0.00042	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.030		0.0012	0.00037	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_28-30_20221012 — Lab Sample ID: 460-267360-8

No Detections.

Client Sample ID: L2-RI-SB-10B_30-32_20221012 — Lab Sample ID: 460-267360-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.0012		0.0011	0.00036	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L2-RI-SB-10B_32-34_20221012 — Lab Sample ID: 460-267360-10

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: Atlantic Chestnut Lot 3

Job ID: 460-267360-1

Client Sample ID: L3-SB-X1_20221012 — Lab Sample ID: 460-267360-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.026		0.0011	0.00035	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.063		0.0011	0.00037	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_15-16_20221012 — Lab Sample ID: 460-267360-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00061	J	0.0012	0.00042	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.082		0.0012	0.00037	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_16-18_20221012 — Lab Sample ID: 460-267360-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00098	J	0.0014	0.00048	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.085		0.0014	0.00043	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_18-20_20221012 — Lab Sample ID: 460-267360-14

No Detections.

Client Sample ID: L3-RI-SB-2B_20-22_20221012 — Lab Sample ID: 460-267360-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.037		0.0012	0.00038	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_22-24_20221012 — Lab Sample ID: 460-267360-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.0033		0.0012	0.00039	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_24-26_20221012 — Lab Sample ID: 460-267360-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.015		0.0010	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_26-28_20221012 — Lab Sample ID: 460-267360-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00074	J	0.0012	0.00042	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.14		0.0012	0.00038	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_28-30_20221012 — Lab Sample ID: 460-267360-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.00046	J	0.0013	0.00043	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_30-32_20221012 — Lab Sample ID: 460-267360-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.017		0.0012	0.00037	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-RI-SB-2B_32-34_20221012 — Lab Sample ID: 460-267360-21

No Detections.

Client Sample ID: L3-FB-01_20221012 — Lab Sample ID: 460-267360-22

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: Atlantic Chestnut Lot 3

Job ID: 460-267360-1

Client Sample ID: L3-TB-01_20221012 — Lab Sample ID: 460-267360-23

No Detections.

Client Sample ID: L3-PP-SB-1_5-6_20221013 — Lab Sample ID: 460-267458-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.088	J	0.14	0.035	mg/Kg	50	☼	8260D	Total/NA
Tetrachloroethene	0.25		0.14	0.049	mg/Kg	50	☼	8260D	Total/NA
Trichloroethene	37		0.14	0.030	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: L3-PP-SB-1_6-8_20221013 — Lab Sample ID: 460-267458-2

No Detections.

Client Sample ID: L3-PP-SB-1_8-10_20221013 — Lab Sample ID: 460-267458-3

No Detections.

Client Sample ID: L3-PP-SB-1_10-12_20221013 — Lab Sample ID: 460-267458-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.0042		0.0012	0.00039	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-PP-SB-1_12-14_20221013 — Lab Sample ID: 460-267458-5

No Detections.

Client Sample ID: L3-PP-SB-1_14-15_20221013 — Lab Sample ID: 460-267458-6

No Detections.

Client Sample ID: L3-SB-X2_20221013 — Lab Sample ID: 460-267458-11

No Detections.

Client Sample ID: L3-FB-02_20221013 — Lab Sample ID: 460-267458-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.0		1.0	0.38	ug/L	1		8260D	Total/NA
Methylene Chloride	0.43	J	1.0	0.32	ug/L	1		8260D	Total/NA

Client Sample ID: L3-TB-02_20221013 — Lab Sample ID: 460-267458-33

No Detections.

Client Sample ID: L3-TB-01_20221013 — Lab Sample ID: 460-267521-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.44	J	1.0	0.38	ug/L	1		8260D	Total/NA

Client Sample ID: L3-FB-01_20221013 — Lab Sample ID: 460-267521-2

No Detections.

Client Sample ID: L3-PP-SB-2_5-6_20221013 — Lab Sample ID: 460-267521-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.16		0.13	0.034	mg/Kg	50	☼	8260D	Total/NA
Methylene Chloride	0.068	J	0.13	0.028	mg/Kg	50	☼	8260D	Total/NA
trans-1,2-Dichloroethene	0.045	J	0.13	0.024	mg/Kg	50	☼	8260D	Total/NA
Trichloroethene	17		0.13	0.029	mg/Kg	50	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-267360-1
Project/Site: Atlantic Chestnut Lot 3

Client Sample ID: L3-SB-X4_20221013 — Lab Sample ID: 460-267521-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00075	J	0.0018	0.00040	mg/Kg	1	☼	8260D	Total/NA
cis-1,2-Dichloroethene	0.0068		0.0018	0.00063	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0036		0.0035	0.0020	mg/Kg	1	☼	8260D	Total/NA
trans-1,2-Dichloroethene	0.0011	J	0.0018	0.00044	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.41		0.0018	0.00057	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-PP-SB-2_6-8_20221013 — Lab Sample ID: 460-267521-5

No Detections.

Client Sample ID: L3-PP-SB-2_8-10_20221013 — Lab Sample ID: 460-267521-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.00058	J	0.0012	0.00038	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-PP-SB-2_10-12_20221013 — Lab Sample ID: 460-267521-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.0079		0.0011	0.00035	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-PP-SB-2_12-14_20221013 — Lab Sample ID: 460-267521-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.0011	J	0.0012	0.00040	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: L3-PP-SB-2_14-15_20221013 — Lab Sample ID: 460-267521-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.00082	J	0.0011	0.00036	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-267360-1
Project/Site: Atlantic Chestnut Lot 3

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: L2-RI-SB-10B_15-16_20221012
Lab Sample ID: 460-267360-1

Date Collected: 10/12/22 12:00
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Bromodichloromethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Dibromochloromethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Tetrachloroethene	**0.0072**		0.0010	0.00032	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Trichloroethene	**0.0078**		0.0010	0.00033	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/22 11:11	10/17/22 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 145*	*10/14/22 11:11*	*10/17/22 09:02*	*1*
Bromofluorobenzene	*105*		*75 - 139*	*10/14/22 11:11*	*10/17/22 09:02*	*1*
Dibromofluoromethane (Surr)	*120*		*73 - 139*	*10/14/22 11:11*	*10/17/22 09:02*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/14/22 11:11*	*10/17/22 09:02*	*1*

Client Sample ID: L2-RI-SB-10B_16-18_20221012
Lab Sample ID: 460-267360-2

Date Collected: 10/12/22 12:10
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Bromodichloromethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
cis-1,2-Dichloroethene	**0.0029**		0.0011	0.00040	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1

Client Sample ID: L2-RI-SB-10B_16-18_20221012
Lab Sample ID: 460-267360-2

Date Collected: 10/12/22 12:10
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Tetrachloroethene	**0.0022**		0.0011	0.00034	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Trichloroethene	**0.040**		0.0011	0.00036	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	10/14/22 11:07	10/17/22 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 145*	*10/14/22 11:07*	*10/17/22 13:35*	*1*
Bromofluorobenzene	*88*		*75 - 139*	*10/14/22 11:07*	*10/17/22 13:35*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 139*	*10/14/22 11:07*	*10/17/22 13:35*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*	*10/14/22 11:07*	*10/17/22 13:35*	*1*

Client Sample ID: L2-RI-SB-10B_18-20_20221012
Lab Sample ID: 460-267360-3

Date Collected: 10/12/22 12:15
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
1,1,2,2-Tetrachloroethane	**0.0011**		0.0010	0.00022	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Bromodichloromethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Chlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Dibromochloromethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Tetrachloroethene	**0.0034**		0.0010	0.00032	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Trichloroethene	**0.0036**		0.0010	0.00034	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/22 11:03	10/17/22 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 145*	*10/14/22 11:03*	*10/17/22 14:00*	*1*
Bromofluorobenzene	*100*		*75 - 139*	*10/14/22 11:03*	*10/17/22 14:00*	*1*
Dibromofluoromethane (Surr)	*114*		*73 - 139*	*10/14/22 11:03*	*10/17/22 14:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/14/22 11:03*	*10/17/22 14:00*	*1*

Client Sample ID: L2-RI-SB-10B_20-22_20221012
Lab Sample ID: 460-267360-4
Date Collected: 10/12/22 12:20
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 91.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
1,1,2,2-Tetrachloroethane	**0.0032**		0.0011	0.00023	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Bromodichloromethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Dibromochloromethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Tetrachloroethene	**0.011**		0.0011	0.00033	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Trichloroethene	**0.012**		0.0011	0.00034	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/22 11:04	10/17/22 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*	*10/14/22 11:04*	*10/17/22 14:24*	*1*
Bromofluorobenzene	*100*		*75 - 139*	*10/14/22 11:04*	*10/17/22 14:24*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*10/14/22 11:04*	*10/17/22 14:24*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/14/22 11:04*	*10/17/22 14:24*	*1*

Client Sample ID: L2-RI-SB-10B_22-24_20221012
Lab Sample ID: 460-267360-5
Date Collected: 10/12/22 12:35
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
1,1,2,2-Tetrachloroethane	**0.0050**		0.0011	0.00023	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Bromodichloromethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1

Client Sample ID: L2-RI-SB-10B_22-24_20221012
Lab Sample ID: 460-267360-5
Date Collected: 10/12/22 12:35
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Tetrachloroethene	**0.0019**		0.0011	0.00033	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Trichloroethene	**0.0016**		0.0011	0.00034	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/22 11:06	10/17/22 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*	*10/14/22 11:06*	*10/17/22 14:50*	*1*
Bromofluorobenzene	*101*		*75 - 139*	*10/14/22 11:06*	*10/17/22 14:50*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*10/14/22 11:06*	*10/17/22 14:50*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/14/22 11:06*	*10/17/22 14:50*	*1*

Client Sample ID: L2-RI-SB-10B_24-26_20221012
Lab Sample ID: 460-267360-6
Date Collected: 10/12/22 12:30
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
1,1,2,2-Tetrachloroethane	**0.0017**		0.0011	0.00023	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Bromodichloromethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Dibromochloromethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Tetrachloroethene	**0.00072**	**J**	0.0011	0.00033	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Trichloroethene	**0.0042**		0.0011	0.00034	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/14/22 11:01	10/17/22 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*	*10/14/22 11:01*	*10/17/22 15:14*	*1*
Bromofluorobenzene	*96*		*75 - 139*	*10/14/22 11:01*	*10/17/22 15:14*	*1*
Dibromofluoromethane (Surr)	*114*		*73 - 139*	*10/14/22 11:01*	*10/17/22 15:14*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/14/22 11:01*	*10/17/22 15:14*	*1*

Client Sample ID: L2-RI-SB-10B_26-28_20221012
Lab Sample ID: 460-267360-7

Date Collected: 10/12/22 12:35
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Bromodichloromethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
cis-1,2-Dichloroethene	**0.00052**	**J**	0.0012	0.00042	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Dibromochloromethane	0.0012	U	0.0012	0.00023	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Trichloroethene	**0.030**		0.0012	0.00037	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/22 11:00	10/17/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 145*	*10/14/22 11:00*	*10/17/22 15:39*	*1*
Bromofluorobenzene	*80*		*75 - 139*	*10/14/22 11:00*	*10/17/22 15:39*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 139*	*10/14/22 11:00*	*10/17/22 15:39*	*1*
Toluene-d8 (Surr)	*82*		*80 - 120*	*10/14/22 11:00*	*10/17/22 15:39*	*1*

Client Sample ID: L2-RI-SB-10B_28-30_20221012
Lab Sample ID: 460-267360-8

Date Collected: 10/12/22 12:40
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Bromodichloromethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1

Client Sample ID: L2-RI-SB-10B_28-30_20221012
Lab Sample ID: 460-267360-8

Date Collected: 10/12/22 12:40
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/14/22 10:59	10/17/22 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 145*	*10/14/22 10:59*	*10/17/22 16:03*	*1*
Bromofluorobenzene	*100*		*75 - 139*	*10/14/22 10:59*	*10/17/22 16:03*	*1*
Dibromofluoromethane (Surr)	*118*		*73 - 139*	*10/14/22 10:59*	*10/17/22 16:03*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/14/22 10:59*	*10/17/22 16:03*	*1*

Client Sample ID: L2-RI-SB-10B_30-32_20221012
Lab Sample ID: 460-267360-9

Date Collected: 10/12/22 12:45
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Bromodichloromethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Dibromochloromethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Trichloroethene	**0.0012**		0.0011	0.00036	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/14/22 10:41	10/17/22 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*	*10/14/22 10:41*	*10/17/22 16:28*	*1*
Bromofluorobenzene	*96*		*75 - 139*	*10/14/22 10:41*	*10/17/22 16:28*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*10/14/22 10:41*	*10/17/22 16:28*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/14/22 10:41*	*10/17/22 16:28*	*1*

Client Sample ID: L2-RI-SB-10B_32-34_20221012
Lab Sample ID: 460-267360-10

Date Collected: 10/12/22 12:50
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 91.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00026	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Bromodichloromethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Chlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Dibromochloromethane	0.0013	U	0.0013	0.00025	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	10/14/22 10:44	10/18/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*72 - 145*	*10/14/22 10:44*	*10/18/22 00:07*	*1*
Bromofluorobenzene	*111*		*75 - 139*	*10/14/22 10:44*	*10/18/22 00:07*	*1*
Dibromofluoromethane (Surr)	*128*		*73 - 139*	*10/14/22 10:44*	*10/18/22 00:07*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*	*10/14/22 10:44*	*10/18/22 00:07*	*1*

Client Sample ID: L3-SB-X1_20221012
Lab Sample ID: 460-267360-11

Date Collected: 10/12/22 12:30
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 92.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Bromodichloromethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1

Client Sample ID: L3-SB-X1_20221012
Lab Sample ID: 460-267360-11
Date Collected: 10/12/22 12:30
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 92.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Tetrachloroethene	**0.026**		0.0011	0.00035	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Trichloroethene	**0.063**		0.0011	0.00037	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/14/22 10:40	10/18/22 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*	*10/14/22 10:40*	*10/18/22 00:31*	*1*
Bromofluorobenzene	*103*		*75 - 139*	*10/14/22 10:40*	*10/18/22 00:31*	*1*
Dibromofluoromethane (Surr)	*114*		*73 - 139*	*10/14/22 10:40*	*10/18/22 00:31*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*10/14/22 10:40*	*10/18/22 00:31*	*1*

Client Sample ID: L3-RI-SB-2B_15-16_20221012
Lab Sample ID: 460-267360-12
Date Collected: 10/12/22 14:00
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Bromodichloromethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00045	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
cis-1,2-Dichloroethene	**0.00061**	**J**	0.0012	0.00042	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Dibromochloromethane	0.0012	U *	0.0012	0.00023	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Trichloroethene	**0.082**		0.0012	0.00037	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/22 10:57	10/17/22 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*	*10/14/22 10:57*	*10/17/22 15:57*	*1*
Bromofluorobenzene	*99*		*75 - 139*	*10/14/22 10:57*	*10/17/22 15:57*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 139*	*10/14/22 10:57*	*10/17/22 15:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/14/22 10:57*	*10/17/22 15:57*	*1*

Client Sample ID: L3-RI-SB-2B_16-18_20221012
Lab Sample ID: 460-267360-13
Date Collected: 10/12/22 14:05
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U *	0.0014	0.00031	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00030	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00057	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Bromodichloromethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Carbon tetrachloride	0.0014	U *	0.0014	0.00052	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Chlorobenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
cis-1,2-Dichloroethene	**0.00098**	**J**	0.0014	0.00048	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Dibromochloromethane	0.0014	U *	0.0014	0.00026	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Tetrachloroethene	0.0014	U	0.0014	0.00041	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Trichloroethene	**0.085**		0.0014	0.00043	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	10/14/22 10:56	10/17/22 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*10/14/22 10:56*	*10/17/22 16:20*	*1*
Bromofluorobenzene	*96*		*75 - 139*	*10/14/22 10:56*	*10/17/22 16:20*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*10/14/22 10:56*	*10/17/22 16:20*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/14/22 10:56*	*10/17/22 16:20*	*1*

Client Sample ID: L3-RI-SB-2B_18-20_20221012
Lab Sample ID: 460-267360-14
Date Collected: 10/12/22 14:10
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Bromodichloromethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00042	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1

Client Sample ID: L3-RI-SB-2B_18-20_20221012
Lab Sample ID: 460-267360-14
Date Collected: 10/12/22 14:10
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0011	U *	0.0011	0.00021	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/14/22 10:45	10/17/22 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*10/14/22 10:45*	*10/17/22 22:50*	*1*
Bromofluorobenzene	*98*		*75 - 139*	*10/14/22 10:45*	*10/17/22 22:50*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*10/14/22 10:45*	*10/17/22 22:50*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/14/22 10:45*	*10/17/22 22:50*	*1*

Client Sample ID: L3-RI-SB-2B_20-22_20221012
Lab Sample ID: 460-267360-15
Date Collected: 10/12/22 14:15
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Bromodichloromethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00046	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Dibromochloromethane	0.0012	U *	0.0012	0.00023	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Trichloroethene	**0.037**		0.0012	0.00038	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/14/22 10:46	10/17/22 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*	*10/14/22 10:46*	*10/17/22 17:04*	*1*
Bromofluorobenzene	*99*		*75 - 139*	*10/14/22 10:46*	*10/17/22 17:04*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*10/14/22 10:46*	*10/17/22 17:04*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/14/22 10:46*	*10/17/22 17:04*	*1*

Client Sample ID: L3-RI-SB-2B_22-24_20221012
Lab Sample ID: 460-267360-16

Date Collected: 10/12/22 14:20
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Bromodichloromethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00047	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Dibromochloromethane	0.0012	U *	0.0012	0.00023	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Trichloroethene	**0.0033**		0.0012	0.00039	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	10/14/22 10:47	10/17/22 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*	*10/14/22 10:47*	*10/17/22 17:27*	*1*
Bromofluorobenzene	*97*		*75 - 139*	*10/14/22 10:47*	*10/17/22 17:27*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*10/14/22 10:47*	*10/17/22 17:27*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/14/22 10:47*	*10/17/22 17:27*	*1*

Client Sample ID: L3-RI-SB-2B_24-26_20221012
Lab Sample ID: 460-267360-17

Date Collected: 10/12/22 14:25
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Bromodichloromethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00041	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Chlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1

Client Sample ID: L3-RI-SB-2B_24-26_20221012
Lab Sample ID: 460-267360-17
Date Collected: 10/12/22 14:25
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0010	U *	0.0010	0.00020	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Trichloroethene	**0.015**		0.0010	0.00034	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	10/14/22 10:49	10/17/22 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*	*10/14/22 10:49*	*10/17/22 17:49*	*1*
Bromofluorobenzene	*95*		*75 - 139*	*10/14/22 10:49*	*10/17/22 17:49*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*10/14/22 10:49*	*10/17/22 17:49*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/14/22 10:49*	*10/17/22 17:49*	*1*

Client Sample ID: L3-RI-SB-2B_26-28_20221012
Lab Sample ID: 460-267360-18
Date Collected: 10/12/22 14:30
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Bromodichloromethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00046	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
cis-1,2-Dichloroethene	**0.00074**	**J**	0.0012	0.00042	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Dibromochloromethane	0.0012	U *	0.0012	0.00023	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Trichloroethene	**0.14**		0.0012	0.00038	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/14/22 10:50	10/17/22 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*	*10/14/22 10:50*	*10/17/22 18:12*	*1*
Bromofluorobenzene	*97*		*75 - 139*	*10/14/22 10:50*	*10/17/22 18:12*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 139*	*10/14/22 10:50*	*10/17/22 18:12*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/14/22 10:50*	*10/17/22 18:12*	*1*

Client Sample ID: L3-RI-SB-2B_28-30_20221012
Lab Sample ID: 460-267360-19

Date Collected: 10/12/22 14:35
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U *	0.0013	0.00031	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00028	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00024	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Bromodichloromethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Carbon tetrachloride	0.0013	U *	0.0013	0.00051	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Chlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Dibromochloromethane	0.0013	U *	0.0013	0.00026	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Trichloroethene	**0.00046**	**J**	0.0013	0.00043	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	10/14/22 10:51	10/17/22 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*10/14/22 10:51*	*10/17/22 18:34*	*1*
Bromofluorobenzene	*101*		*75 - 139*	*10/14/22 10:51*	*10/17/22 18:34*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 139*	*10/14/22 10:51*	*10/17/22 18:34*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/14/22 10:51*	*10/17/22 18:34*	*1*

Client Sample ID: L3-RI-SB-2B_30-32_20221012
Lab Sample ID: 460-267360-20

Date Collected: 10/12/22 14:40
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Bromodichloromethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00045	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1

Client Sample ID: L3-RI-SB-2B_30-32_20221012
Lab Sample ID: 460-267360-20

Date Collected: 10/12/22 14:40
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0012	U *	0.0012	0.00023	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Trichloroethene	**0.017**		0.0012	0.00037	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	10/14/22 10:53	10/17/22 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*	*10/14/22 10:53*	*10/17/22 18:56*	*1*
Bromofluorobenzene	*97*		*75 - 139*	*10/14/22 10:53*	*10/17/22 18:56*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 139*	*10/14/22 10:53*	*10/17/22 18:56*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/14/22 10:53*	*10/17/22 18:56*	*1*

Client Sample ID: L3-RI-SB-2B_32-34_20221012
Lab Sample ID: 460-267360-21

Date Collected: 10/12/22 14:45
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Bromodichloromethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00046	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Dibromochloromethane	0.0012	U *	0.0012	0.00023	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Methylene Chloride	0.0024	U	0.0024	0.0013	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/14/22 10:54	10/17/22 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 145*	*10/14/22 10:54*	*10/17/22 19:18*	*1*
Bromofluorobenzene	*96*		*75 - 139*	*10/14/22 10:54*	*10/17/22 19:18*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 139*	*10/14/22 10:54*	*10/17/22 19:18*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*10/14/22 10:54*	*10/17/22 19:18*	*1*

Client Sample ID: L3-FB-01_20221012
Lab Sample ID: 460-267360-22

Date Collected: 10/12/22 15:00
Matrix: Water
Date Received: 10/12/22 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/14/22 03:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/14/22 03:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/14/22 03:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/14/22 03:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/14/22 03:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/14/22 03:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/14/22 03:14	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/14/22 03:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/14/22 03:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/14/22 03:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/14/22 03:14	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/14/22 03:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/14/22 03:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/14/22 03:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/14/22 03:14	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/14/22 03:14	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/14/22 03:14	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/14/22 03:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/14/22 03:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/14/22 03:14	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/14/22 03:14	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/14/22 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*10/14/22 03:14*	*1*
Bromofluorobenzene	*95*		*76 - 120*		*10/14/22 03:14*	*1*
Dibromofluoromethane (Surr)	*93*		*77 - 124*		*10/14/22 03:14*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/14/22 03:14*	*1*

Client Sample ID: L3-TB-01_20221012
Lab Sample ID: 460-267360-23

Date Collected: 10/12/22 00:00
Matrix: Water
Date Received: 10/12/22 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/14/22 07:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/14/22 07:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/14/22 07:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/14/22 07:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/14/22 07:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/14/22 07:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/14/22 07:26	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/14/22 07:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/14/22 07:26	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/14/22 07:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/14/22 07:26	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/14/22 07:26	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/14/22 07:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/14/22 07:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/14/22 07:26	1

Client Sample ID: L3-TB-01_20221012
Lab Sample ID: 460-267360-23

Date Collected: 10/12/22 00:00
Matrix: Water
Date Received: 10/12/22 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/14/22 07:26	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/14/22 07:26	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/14/22 07:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/14/22 07:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/14/22 07:26	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/14/22 07:26	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/14/22 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*10/14/22 07:26*	*1*
Bromofluorobenzene	*86*		*76 - 120*		*10/14/22 07:26*	*1*
Dibromofluoromethane (Surr)	*91*		*77 - 124*		*10/14/22 07:26*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/14/22 07:26*	*1*

Client Sample ID: L3-PP-SB-1_5-6_20221013
Lab Sample ID: 460-267458-1

Date Collected: 10/13/22 11:10
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 94.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.14	U	0.14	0.038	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.027	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
1,1,2-Trichloroethane	0.14	U	0.14	0.028	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
1,1-Dichloroethane	0.14	U	0.14	0.033	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
1,1-Dichloroethene	0.14	U *	0.14	0.036	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
1,2-Dichloroethane	0.14	U	0.14	0.034	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
1,2-Dichloropropane	0.14	U	0.14	0.024	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Bromodichloromethane	0.14	U	0.14	0.020	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Carbon tetrachloride	0.14	U	0.14	0.045	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Chlorobenzene	0.14	U	0.14	0.033	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Chloroethane	0.14	U	0.14	0.050	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Chloroform	0.14	U	0.14	0.030	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Chloromethane	0.14	U	0.14	0.054	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
cis-1,2-Dichloroethene	**0.088**	**J**	0.14	0.035	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
cis-1,3-Dichloropropene	0.14	U	0.14	0.030	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Dibromochloromethane	0.14	U	0.14	0.030	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Methylene Chloride	0.14	U *	0.14	0.028	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Tetrachloroethene	**0.25**		0.14	0.049	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
trans-1,2-Dichloroethene	0.14	U	0.14	0.024	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
trans-1,3-Dichloropropene	0.14	U	0.14	0.030	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Trichloroethene	**37**		0.14	0.030	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50
Vinyl chloride	0.14	U	0.14	0.027	mg/Kg	☼	10/15/22 07:11	10/19/22 01:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*68 - 150*	*10/15/22 07:11*	*10/19/22 01:48*	*50*
Bromofluorobenzene	*89*		*70 - 150*	*10/15/22 07:11*	*10/19/22 01:48*	*50*
Dibromofluoromethane (Surr)	*73*		*68 - 150*	*10/15/22 07:11*	*10/19/22 01:48*	*50*
Toluene-d8 (Surr)	*109*		*80 - 147*	*10/15/22 07:11*	*10/19/22 01:48*	*50*

Client Sample ID: L3-PP-SB-1_6-8_20221013
Lab Sample ID: 460-267458-2

Date Collected: 10/13/22 11:20
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00039	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Dibromochloromethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Tetrachloroethene	0.0010	U *	0.0010	0.00031	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1
Vinyl chloride	0.0010	U *	0.0010	0.00055	mg/Kg	☼	10/15/22 07:33	10/17/22 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 145*	*10/15/22 07:33*	*10/17/22 14:25*	*1*
Bromofluorobenzene	*105*		*75 - 139*	*10/15/22 07:33*	*10/17/22 14:25*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 139*	*10/15/22 07:33*	*10/17/22 14:25*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/15/22 07:33*	*10/17/22 14:25*	*1*

Client Sample ID: L3-PP-SB-1_8-10_20221013
Lab Sample ID: 460-267458-3

Date Collected: 10/13/22 11:25
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Bromodichloromethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00041	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Chlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1

Client Sample ID: L3-PP-SB-1_8-10_20221013
Lab Sample ID: 460-267458-3

Date Collected: 10/13/22 11:25
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Tetrachloroethene	0.0010	U *	0.0010	0.00032	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1
Vinyl chloride	0.0010	U *	0.0010	0.00057	mg/Kg	☼	10/15/22 07:36	10/17/22 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 145*	*10/15/22 07:36*	*10/17/22 14:48*	*1*
Bromofluorobenzene	*110*		*75 - 139*	*10/15/22 07:36*	*10/17/22 14:48*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*10/15/22 07:36*	*10/17/22 14:48*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*10/15/22 07:36*	*10/17/22 14:48*	*1*

Client Sample ID: L3-PP-SB-1_10-12_20221013
Lab Sample ID: 460-267458-4

Date Collected: 10/13/22 11:30
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Bromodichloromethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Dibromochloromethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Trichloroethene	**0.0042**		0.0012	0.00039	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	10/15/22 07:38	10/17/22 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 145*	*10/15/22 07:38*	*10/17/22 22:40*	*1*
Bromofluorobenzene	*103*		*75 - 139*	*10/15/22 07:38*	*10/17/22 22:40*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*10/15/22 07:38*	*10/17/22 22:40*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/15/22 07:38*	*10/17/22 22:40*	*1*

Client Sample ID: L3-PP-SB-1_12-14_20221013
Lab Sample ID: 460-267458-5
Date Collected: 10/13/22 11:35
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 96.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Bromodichloromethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00047	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Dibromochloromethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Tetrachloroethene	0.0012	U *	0.0012	0.00037	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1
Vinyl chloride	0.0012	U *	0.0012	0.00066	mg/Kg	☼	10/15/22 07:38	10/17/22 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*72 - 145*	*10/15/22 07:38*	*10/17/22 15:57*	*1*
Bromofluorobenzene	*103*		*75 - 139*	*10/15/22 07:38*	*10/17/22 15:57*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 139*	*10/15/22 07:38*	*10/17/22 15:57*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*10/15/22 07:38*	*10/17/22 15:57*	*1*

Client Sample ID: L3-PP-SB-1_14-15_20221013
Lab Sample ID: 460-267458-6
Date Collected: 10/13/22 11:40
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Bromodichloromethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00042	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1

Client Sample ID: L3-PP-SB-1_14-15_20221013
Lab Sample ID: 460-267458-6

Date Collected: 10/13/22 11:40
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 94.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Tetrachloroethene	0.0011	U *	0.0011	0.00033	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1
Vinyl chloride	0.0011	U *	0.0011	0.00060	mg/Kg	☼	10/15/22 07:39	10/17/22 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 145*	*10/15/22 07:39*	*10/17/22 16:19*	*1*
Bromofluorobenzene	*109*		*75 - 139*	*10/15/22 07:39*	*10/17/22 16:19*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*10/15/22 07:39*	*10/17/22 16:19*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*10/15/22 07:39*	*10/17/22 16:19*	*1*

Client Sample ID: L3-SB-X2_20221013
Lab Sample ID: 460-267458-11

Date Collected: 10/13/22 12:00
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U *	0.00096	0.00022	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00021	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00017	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00020	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Bromodichloromethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Carbon tetrachloride	0.00096	U *	0.00096	0.00037	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Chlorobenzene	0.00096	U	0.00096	0.00017	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Dibromochloromethane	0.00096	U	0.00096	0.00019	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Tetrachloroethene	0.00096	U *	0.00096	0.00029	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1
Vinyl chloride	0.00096	U *	0.00096	0.00052	mg/Kg	☼	10/15/22 07:45	10/17/22 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 145*	*10/15/22 07:45*	*10/17/22 16:42*	*1*
Bromofluorobenzene	*103*		*75 - 139*	*10/15/22 07:45*	*10/17/22 16:42*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 139*	*10/15/22 07:45*	*10/17/22 16:42*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*10/15/22 07:45*	*10/17/22 16:42*	*1*

Client Sample ID: L3-FB-02_20221013
Lab Sample ID: 460-267458-12
Date Collected: 10/13/22 12:00
Matrix: Water
Date Received: 10/13/22 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/15/22 22:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/15/22 22:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/15/22 22:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/15/22 22:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/15/22 22:05	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/15/22 22:05	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/15/22 22:05	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/15/22 22:05	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/15/22 22:05	1
Chlorobenzene	**1.0**		1.0	0.38	ug/L			10/15/22 22:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/15/22 22:05	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/15/22 22:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/15/22 22:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/15/22 22:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 22:05	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/15/22 22:05	1
Methylene Chloride	**0.43**	**J**	1.0	0.32	ug/L			10/15/22 22:05	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/15/22 22:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/15/22 22:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 22:05	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/15/22 22:05	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/15/22 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*10/15/22 22:05*	*1*
Bromofluorobenzene	*118*		*76 - 120*		*10/15/22 22:05*	*1*
Dibromofluoromethane (Surr)	*119*		*77 - 124*		*10/15/22 22:05*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/15/22 22:05*	*1*

Client Sample ID: L3-TB-02_20221013
Lab Sample ID: 460-267458-33
Date Collected: 10/13/22 00:00
Matrix: Water
Date Received: 10/13/22 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/15/22 21:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/15/22 21:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/15/22 21:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/15/22 21:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/15/22 21:22	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/15/22 21:22	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/15/22 21:22	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/15/22 21:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/15/22 21:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/15/22 21:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/15/22 21:22	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/15/22 21:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/15/22 21:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/15/22 21:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 21:22	1

Client Sample ID: L3-TB-02_20221013
Lab Sample ID: 460-267458-33
Date Collected: 10/13/22 00:00
Matrix: Water
Date Received: 10/13/22 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/15/22 21:22	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/15/22 21:22	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/15/22 21:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/15/22 21:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 21:22	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/15/22 21:22	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/15/22 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*10/15/22 21:22*	*1*
Bromofluorobenzene	*111*		*76 - 120*		*10/15/22 21:22*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*10/15/22 21:22*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/15/22 21:22*	*1*

Client Sample ID: L3-TB-01_20221013
Lab Sample ID: 460-267521-1
Date Collected: 10/13/22 00:00
Matrix: Water
Date Received: 10/14/22 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/17/22 11:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/17/22 11:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/17/22 11:54	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/17/22 11:54	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/17/22 11:54	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/17/22 11:54	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/17/22 11:54	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/17/22 11:54	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/17/22 11:54	1
Chlorobenzene	**0.44**	**J**	1.0	0.38	ug/L			10/17/22 11:54	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/17/22 11:54	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/17/22 11:54	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/17/22 11:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/17/22 11:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/22 11:54	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/17/22 11:54	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/17/22 11:54	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/17/22 11:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/17/22 11:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/22 11:54	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/17/22 11:54	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/17/22 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*10/17/22 11:54*	*1*
Bromofluorobenzene	*114*		*76 - 120*		*10/17/22 11:54*	*1*
Dibromofluoromethane (Surr)	*113*		*77 - 124*		*10/17/22 11:54*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/17/22 11:54*	*1*

Client Sample ID: L3-FB-01_20221013
Lab Sample ID: 460-267521-2

Date Collected: 10/13/22 18:30
Matrix: Water
Date Received: 10/14/22 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/15/22 23:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/15/22 23:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/15/22 23:08	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/15/22 23:08	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/15/22 23:08	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/15/22 23:08	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/15/22 23:08	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/15/22 23:08	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/15/22 23:08	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/15/22 23:08	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/15/22 23:08	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/15/22 23:08	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/15/22 23:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/15/22 23:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 23:08	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/15/22 23:08	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/15/22 23:08	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/15/22 23:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/15/22 23:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 23:08	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/15/22 23:08	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/15/22 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*10/15/22 23:08*	*1*
Bromofluorobenzene	*111*		*76 - 120*		*10/15/22 23:08*	*1*
Dibromofluoromethane (Surr)	*114*		*77 - 124*		*10/15/22 23:08*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/15/22 23:08*	*1*

Client Sample ID: L3-PP-SB-2_5-6_20221013
Lab Sample ID: 460-267521-3

Date Collected: 10/13/22 17:00
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.13	U	0.13	0.037	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
1,1,2,2-Tetrachloroethane	0.13	U	0.13	0.026	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
1,1,2-Trichloroethane	0.13	U	0.13	0.027	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
1,1-Dichloroethane	0.13	U	0.13	0.031	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
1,1-Dichloroethene	0.13	U	0.13	0.035	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
1,2-Dichloroethane	0.13	U	0.13	0.033	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
1,2-Dichloropropane	0.13	U	0.13	0.024	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Bromodichloromethane	0.13	U	0.13	0.020	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Carbon tetrachloride	0.13	U	0.13	0.043	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Chlorobenzene	0.13	U	0.13	0.031	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Chloroethane	0.13	U	0.13	0.048	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Chloroform	0.13	U	0.13	0.029	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Chloromethane	0.13	U	0.13	0.053	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
cis-1,2-Dichloroethene	**0.16**		0.13	0.034	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
cis-1,3-Dichloropropene	0.13	U	0.13	0.029	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50

Client Sample ID: L3-PP-SB-2_5-6_20221013
Lab Sample ID: 460-267521-3

Date Collected: 10/13/22 17:00
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 90.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.13	U	0.13	0.029	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Methylene Chloride	**0.068**	**J**	0.13	0.028	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Tetrachloroethene	0.13	U	0.13	0.047	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
trans-1,2-Dichloroethene	**0.045**	**J**	0.13	0.024	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
trans-1,3-Dichloropropene	0.13	U	0.13	0.029	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Trichloroethene	**17**		0.13	0.029	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50
Vinyl chloride	0.13	U	0.13	0.026	mg/Kg	☼	10/15/22 13:08	10/18/22 18:53	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*68 - 150*	*10/15/22 13:08*	*10/18/22 18:53*	*50*
Bromofluorobenzene	*95*		*70 - 150*	*10/15/22 13:08*	*10/18/22 18:53*	*50*
Dibromofluoromethane (Surr)	*112*		*68 - 150*	*10/15/22 13:08*	*10/18/22 18:53*	*50*
Toluene-d8 (Surr)	*116*		*80 - 147*	*10/15/22 13:08*	*10/18/22 18:53*	*50*

Client Sample ID: L3-SB-X4_20221013
Lab Sample ID: 460-267521-4

Date Collected: 10/13/22 18:00
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00038	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.00032	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
1,1-Dichloroethane	0.0018	U	0.0018	0.00036	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
1,1-Dichloroethene	**0.00075**	**J**	0.0018	0.00040	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00052	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00075	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Bromodichloromethane	0.0018	U	0.0018	0.00046	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Carbon tetrachloride	0.0018	U	0.0018	0.00069	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Chlorobenzene	0.0018	U	0.0018	0.00031	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Chloroethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Chloromethane	0.0018	U	0.0018	0.00077	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
cis-1,2-Dichloroethene	**0.0068**		0.0018	0.00063	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Dibromochloromethane	0.0018	U	0.0018	0.00034	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Methylene Chloride	**0.0036**		0.0035	0.0020	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
trans-1,2-Dichloroethene	**0.0011**	**J**	0.0018	0.00044	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Trichloroethene	**0.41**		0.0018	0.00057	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1
Vinyl chloride	0.0018	U	0.0018	0.00097	mg/Kg	☼	10/15/22 13:22	10/18/22 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 145*	*10/15/22 13:22*	*10/18/22 16:38*	*1*
Bromofluorobenzene	*105*		*75 - 139*	*10/15/22 13:22*	*10/18/22 16:38*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*10/15/22 13:22*	*10/18/22 16:38*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*10/15/22 13:22*	*10/18/22 16:38*	*1*

Client Sample ID: L3-PP-SB-2_6-8_20221013
Lab Sample ID: 460-267521-5

Date Collected: 10/13/22 17:05
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Bromodichloromethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Dibromochloromethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/15/22 13:24	10/18/22 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*10/15/22 13:24*	*10/18/22 23:24*	*1*
Bromofluorobenzene	*100*		*75 - 139*	*10/15/22 13:24*	*10/18/22 23:24*	*1*
Dibromofluoromethane (Surr)	*119*		*73 - 139*	*10/15/22 13:24*	*10/18/22 23:24*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*10/15/22 13:24*	*10/18/22 23:24*	*1*

Client Sample ID: L3-PP-SB-2_8-10_20221013
Lab Sample ID: 460-267521-6

Date Collected: 10/13/22 17:10
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Bromodichloromethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1

Client Sample ID: L3-PP-SB-2_8-10_20221013
Lab Sample ID: 460-267521-6
Date Collected: 10/13/22 17:10
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0012	U	0.0012	0.00023	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Trichloroethene	**0.00058**	**J**	0.0012	0.00038	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/15/22 13:25	10/18/22 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*10/15/22 13:25*	*10/18/22 17:23*	*1*
Bromofluorobenzene	*104*		*75 - 139*	*10/15/22 13:25*	*10/18/22 17:23*	*1*
Dibromofluoromethane (Surr)	*120*		*73 - 139*	*10/15/22 13:25*	*10/18/22 17:23*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*10/15/22 13:25*	*10/18/22 17:23*	*1*

Client Sample ID: L3-PP-SB-2_10-12_20221013
Lab Sample ID: 460-267521-7
Date Collected: 10/13/22 17:15
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 83.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Bromodichloromethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Dibromochloromethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Trichloroethene	**0.0079**		0.0011	0.00035	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	10/15/22 13:26	10/18/22 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*	*10/15/22 13:26*	*10/18/22 17:46*	*1*
Bromofluorobenzene	*103*		*75 - 139*	*10/15/22 13:26*	*10/18/22 17:46*	*1*
Dibromofluoromethane (Surr)	*119*		*73 - 139*	*10/15/22 13:26*	*10/18/22 17:46*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*10/15/22 13:26*	*10/18/22 17:46*	*1*

Client Sample ID: L3-PP-SB-2_12-14_20221013
Lab Sample ID: 460-267521-8
Date Collected: 10/13/22 17:20
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 94.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Bromodichloromethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Dibromochloromethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Trichloroethene	**0.0011**	**J**	0.0012	0.00040	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	10/15/22 13:27	10/18/22 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 145*	*10/15/22 13:27*	*10/18/22 18:08*	*1*
Bromofluorobenzene	*101*		*75 - 139*	*10/15/22 13:27*	*10/18/22 18:08*	*1*
Dibromofluoromethane (Surr)	*116*		*73 - 139*	*10/15/22 13:27*	*10/18/22 18:08*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/15/22 13:27*	*10/18/22 18:08*	*1*

Client Sample ID: L3-PP-SB-2_14-15_20221013
Lab Sample ID: 460-267521-9
Date Collected: 10/13/22 17:25
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Bromodichloromethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1

Client Sample ID: L3-PP-SB-2_14-15_20221013
Lab Sample ID: 460-267521-9
Date Collected: 10/13/22 17:25
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Trichloroethene	**0.00082**	**J**	0.0011	0.00036	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	10/15/22 13:29	10/20/22 09:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 145*	*10/15/22 13:29*	*10/20/22 09:45*	*1*
Bromofluorobenzene	*113*		*75 - 139*	*10/15/22 13:29*	*10/20/22 09:45*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 139*	*10/15/22 13:29*	*10/20/22 09:45*	*1*
Toluene-d8 (Surr)	*117*		*80 - 120*	*10/15/22 13:29*	*10/20/22 09:45*	*1*

Surrogate Summary

Client: AKRF Inc
Job ID: 460-267360-1
Project/Site: Atlantic Chestnut Lot 3

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(72-145)	(75-139)	(73-139)	(80-120)
460-267360-1	L2-RI-SB-10B_15-16_20221012	118	105	120	102
460-267360-1 MS	L2-RI-SB-10B_15-16_20221012	103	97	108	99
460-267360-1 MSD	L2-RI-SB-10B_15-16_20221012	106	102	109	101
460-267360-2	L2-RI-SB-10B_16-18_20221012	96	88	96	88
460-267360-3	L2-RI-SB-10B_18-20_20221012	108	100	114	101
460-267360-4	L2-RI-SB-10B_20-22_20221012	109	100	113	96
460-267360-5	L2-RI-SB-10B_22-24_20221012	109	101	113	98
460-267360-6	L2-RI-SB-10B_24-26_20221012	106	96	114	99
460-267360-7	L2-RI-SB-10B_26-28_20221012	92	80	93	82
460-267360-8	L2-RI-SB-10B_28-30_20221012	113	100	118	101
460-267360-9	L2-RI-SB-10B_30-32_20221012	106	96	113	97
460-267360-10	L2-RI-SB-10B_32-34_20221012	120	111	128	110
460-267360-11	L3-SB-X1_20221012	109	103	114	103
460-267360-12	L3-RI-SB-2B_15-16_20221012	101	99	105	98
460-267360-13	L3-RI-SB-2B_16-18_20221012	104	96	109	95
460-267360-14	L3-RI-SB-2B_18-20_20221012	104	98	113	97
460-267360-15	L3-RI-SB-2B_20-22_20221012	102	99	109	97
460-267360-16	L3-RI-SB-2B_22-24_20221012	102	97	109	96
460-267360-17	L3-RI-SB-2B_24-26_20221012	101	95	109	97
460-267360-18	L3-RI-SB-2B_26-28_20221012	102	97	103	97
460-267360-19	L3-RI-SB-2B_28-30_20221012	104	101	111	95
460-267360-20	L3-RI-SB-2B_30-32_20221012	102	97	111	95
460-267360-21	L3-RI-SB-2B_32-34_20221012	99	96	108	92
460-267458-2	L3-PP-SB-1_6-8_20221013	91	105	104	102
460-267458-2 MS	L3-PP-SB-1_6-8_20221013	86	101	99	104
460-267458-2 MSD	L3-PP-SB-1_6-8_20221013	87	104	99	105
460-267458-3	L3-PP-SB-1_8-10_20221013	95	110	107	105
460-267458-4	L3-PP-SB-1_10-12_20221013	95	103	107	102
460-267458-5	L3-PP-SB-1_12-14_20221013	89	103	104	104
460-267458-6	L3-PP-SB-1_14-15_20221013	93	109	107	107
460-267458-11	L3-SB-X2_20221013	92	103	104	104
460-267521-4	L3-SB-X4_20221013	97	105	113	105
460-267521-5	L3-PP-SB-2_6-8_20221013	104	100	119	105
460-267521-6	L3-PP-SB-2_8-10_20221013	104	104	120	104
460-267521-7	L3-PP-SB-2_10-12_20221013	101	103	119	107
460-267521-8	L3-PP-SB-2_12-14_20221013	100	101	116	102
460-267521-9	L3-PP-SB-2_14-15_20221013	95	113	100	117
LB3 460-871955/1-A	Method Blank	107	100	115	100
LB3 460-872117/1-A	Method Blank	91	104	103	103
LB3 460-872153/1-A	Method Blank	98	110	98	116
LCS 460-872315/18	Lab Control Sample	93	100	99	103

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(72-145)	(75-139)	(73-139)	(80-120)
LCS 460-872317/3	Lab Control Sample	109	102	115	103
LCS 460-872353/3	Lab Control Sample	104	97	105	98
LCS 460-872430/4	Lab Control Sample	108	97	112	99
LCS 460-872434/3	Lab Control Sample	97	98	105	102
LCS 460-872456/3	Lab Control Sample	108	96	107	97
LCS 460-872520/4	Lab Control Sample	102	101	109	104
LCS 460-872654/4	Lab Control Sample	112	99	118	103
LCS 460-872987/3	Lab Control Sample	93	106	91	113
LCSD 460-872315/19	Lab Control Sample Dup	93	101	99	100
LCSD 460-872317/4	Lab Control Sample Dup	108	95	112	98
LCSD 460-872353/4	Lab Control Sample Dup	106	98	108	98
LCSD 460-872430/5	Lab Control Sample Dup	105	94	109	93
LCSD 460-872434/4	Lab Control Sample Dup	97	97	101	98
LCSD 460-872456/4	Lab Control Sample Dup	103	97	107	96
LCSD 460-872520/5	Lab Control Sample Dup	97	95	106	99
LCSD 460-872654/5	Lab Control Sample Dup	106	97	114	103
LCSD 460-872987/4	Lab Control Sample Dup	96	109	95	115
MB 460-872315/22	Method Blank	95	102	103	101
MB 460-872317/7	Method Blank	104	96	112	100
MB 460-872353/8	Method Blank	101	96	107	93
MB 460-872430/7	Method Blank	102	89	104	87
MB 460-872434/31	Method Blank	103	104	111	105
MB 460-872456/8	Method Blank	109	97	113	95
MB 460-872520/9	Method Blank	101	99	113	101
MB 460-872654/9	Method Blank	111	102	120	102
MB 460-872987/8	Method Blank	93	110	97	114

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-150)	(70-150)	(68-150)	(80-147)
460-267458-1	L3-PP-SB-1_5-6_20221013	106	89	73	109
460-267521-3	L3-PP-SB-2_5-6_20221013	116	95	112	116
460-267521-3 MS	L3-PP-SB-2_5-6_20221013	98	97	96	97
460-267521-3 MSD	L3-PP-SB-2_5-6_20221013	103	102	101	100
LCS 460-872551/3	Lab Control Sample	88	93	91	96
LCS 460-872711/4	Lab Control Sample	105	97	101	104
LCS 460-873205/4	Lab Control Sample	97	100	99	101
LCSD 460-872551/4	Lab Control Sample Dup	91	90	93	95
LCSD 460-872711/5	Lab Control Sample Dup	85	88	86	91
LCSD 460-873205/5	Lab Control Sample Dup	96	99	96	99
MB 460-872551/8	Method Blank	94	86	97	97
MB 460-872711/9	Method Blank	91	89	91	99

Surrogate Summary

Client: AKRF Inc
Job ID: 460-267360-1
Project/Site: Atlantic Chestnut Lot 3

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-150)	(70-150)	(68-150)	(80-147)
MB 460-873205/10	Method Blank	102	97	105	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-124)	(80-120)
460-267283-C-5 MS	Matrix Spike	93	101	95	100
460-267283-C-5 MSD	Matrix Spike Duplicate	91	96	91	94
460-267360-22	L3-FB-01_20221012	91	95	93	98
460-267360-23	L3-TB-01_20221012	91	86	91	93
460-267458-12	L3-FB-02_20221013	112	118	119	99
460-267458-33	L3-TB-02_20221013	101	111	110	96
460-267472-A-3 MS	Matrix Spike	95	109	107	93
460-267472-A-3 MSD	Matrix Spike Duplicate	92	107	107	91
460-267521-1	L3-TB-01_20221013	105	114	113	96
460-267521-2	L3-FB-01_20221013	105	111	114	94
LCS 460-871835/3	Lab Control Sample	92	103	93	103
LCS 460-872160/4	Lab Control Sample	95	107	108	94
LCS 460-872260/4	Lab Control Sample	96	110	106	98
LCS 460-872367/3	Lab Control Sample	92	104	104	94
LCSD 460-872260/5	Lab Control Sample Dup	100	111	108	96
LCSD 460-872367/4	Lab Control Sample Dup	95	109	105	94
MB 460-871835/8	Method Blank	91	95	95	99
MB 460-872160/7	Method Blank	105	108	113	95
MB 460-872260/8	Method Blank	104	110	112	97
MB 460-872367/8	Method Blank	104	110	112	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-871835/8
Matrix: Water
Analysis Batch: 871835

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/14/22 00:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/14/22 00:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/14/22 00:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/14/22 00:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/14/22 00:43	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/14/22 00:43	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/14/22 00:43	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/14/22 00:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/14/22 00:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/14/22 00:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/14/22 00:43	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/14/22 00:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/14/22 00:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/14/22 00:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/14/22 00:43	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/14/22 00:43	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/14/22 00:43	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/14/22 00:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/14/22 00:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/14/22 00:43	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/14/22 00:43	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/14/22 00:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*10/14/22 00:43*	*1*
Bromofluorobenzene	*95*		*76 - 120*		*10/14/22 00:43*	*1*
Dibromofluoromethane (Surr)	*95*		*77 - 124*		*10/14/22 00:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/14/22 00:43*	*1*

Lab Sample ID: LCS 460-871835/3
Matrix: Water
Analysis Batch: 871835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.2		ug/L		96	68 - 128
1,1,2,2-Tetrachloroethane	20.0	24.5		ug/L		122	63 - 139
1,1,2-Trichloroethane	20.0	21.9		ug/L		109	74 - 125
1,1-Dichloroethane	20.0	19.1		ug/L		96	73 - 130
1,1-Dichloroethene	20.0	19.9		ug/L		100	68 - 133
1,2-Dichloroethane	20.0	19.2		ug/L		96	66 - 129
1,2-Dichloropropane	20.0	20.1		ug/L		100	68 - 128
Bromodichloromethane	20.0	18.9		ug/L		95	76 - 121
Carbon tetrachloride	20.0	19.0		ug/L		95	61 - 131
Chlorobenzene	20.0	20.3		ug/L		101	80 - 120
Chloroethane	20.0	20.9		ug/L		104	42 - 150
Chloroform	20.0	19.4		ug/L		97	78 - 125
Chloromethane	20.0	19.9		ug/L		100	43 - 150
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	78 - 121

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-871835/3
Matrix: Water
Analysis Batch: 871835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,3-Dichloropropene			20.0	20.9		ug/L		104	74 - 125		
Dibromochloromethane			20.0	20.5		ug/L		103	62 - 130		
Methylene Chloride			20.0	20.0		ug/L		100	74 - 127		
Tetrachloroethene			20.0	21.2		ug/L		106	70 - 127		
trans-1,2-Dichloroethene			20.0	19.6		ug/L		98	74 - 126		
trans-1,3-Dichloropropene			20.0	22.3		ug/L		112	66 - 127		
Trichloroethene			20.0	18.8		ug/L		94	71 - 121		
Vinyl chloride			20.0	18.6		ug/L		93	55 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*93*		*77 - 124*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 460-267283-C-5 MS
Matrix: Water
Analysis Batch: 871835

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	1.0	U	20.0	19.1		ug/L		95	68 - 128		
1,1,2,2-Tetrachloroethane	1.0	U	20.0	22.2		ug/L		111	63 - 139		
1,1,2-Trichloroethane	1.0	U	20.0	18.8		ug/L		94	74 - 125		
1,1-Dichloroethane	1.0	U	20.0	18.8		ug/L		94	73 - 130		
1,1-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	68 - 133		
1,2-Dichloroethane	1.0	U	20.0	18.1		ug/L		90	66 - 129		
1,2-Dichloropropane	1.0	U	20.0	19.7		ug/L		99	68 - 128		
Bromodichloromethane	1.0	U	20.0	19.0		ug/L		95	76 - 121		
Carbon tetrachloride	1.0	U	20.0	18.7		ug/L		93	61 - 131		
Chlorobenzene	1.0	U	20.0	19.2		ug/L		96	80 - 120		
Chloroethane	1.0	U	20.0	22.4		ug/L		112	42 - 150		
Chloroform	1.0	U	20.0	19.3		ug/L		96	78 - 125		
Chloromethane	1.0	U	20.0	21.2		ug/L		106	43 - 150		
cis-1,2-Dichloroethene	1.0	U	20.0	18.9		ug/L		94	78 - 121		
cis-1,3-Dichloropropene	1.0	U	20.0	18.5		ug/L		92	74 - 125		
Dibromochloromethane	1.0	U	20.0	18.8		ug/L		94	62 - 130		
Methylene Chloride	1.0	U	20.0	20.7		ug/L		103	74 - 127		
Tetrachloroethene	1.0	U	20.0	20.4		ug/L		102	70 - 127		
trans-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	74 - 126		
trans-1,3-Dichloropropene	1.0	U	20.0	19.0		ug/L		95	66 - 127		
Trichloroethene	1.0	U	20.0	18.7		ug/L		93	71 - 121		
Vinyl chloride	1.0	U	20.0	19.8		ug/L		99	55 - 144		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 124*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-267283-C-5 MSD
Matrix: Water
Analysis Batch: 871835

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	68 - 128	7	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	22.6		ug/L		113	63 - 139	2	30
1,1,2-Trichloroethane	1.0	U	20.0	19.7		ug/L		99	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	19.9		ug/L		99	73 - 130	5	30
1,1-Dichloroethene	1.0	U	20.0	20.8		ug/L		104	68 - 133	8	30
1,2-Dichloroethane	1.0	U	20.0	19.1		ug/L		95	66 - 129	5	30
1,2-Dichloropropane	1.0	U	20.0	20.5		ug/L		103	68 - 128	4	30
Bromodichloromethane	1.0	U	20.0	19.9		ug/L		100	76 - 121	5	30
Carbon tetrachloride	1.0	U	20.0	19.7		ug/L		99	61 - 131	5	30
Chlorobenzene	1.0	U	20.0	19.5		ug/L		97	80 - 120	1	30
Chloroethane	1.0	U	20.0	21.5		ug/L		108	42 - 150	4	30
Chloroform	1.0	U	20.0	20.2		ug/L		101	78 - 125	5	30
Chloromethane	1.0	U	20.0	20.8		ug/L		104	43 - 150	2	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	78 - 121	9	30
cis-1,3-Dichloropropene	1.0	U	20.0	18.7		ug/L		93	74 - 125	1	30
Dibromochloromethane	1.0	U	20.0	19.0		ug/L		95	62 - 130	1	30
Methylene Chloride	1.0	U	20.0	21.1		ug/L		106	74 - 127	2	30
Tetrachloroethene	1.0	U	20.0	20.3		ug/L		101	70 - 127	1	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.9		ug/L		99	74 - 126	6	30
trans-1,3-Dichloropropene	1.0	U	20.0	19.9		ug/L		100	66 - 127	5	30
Trichloroethene	1.0	U	20.0	19.0		ug/L		95	71 - 121	2	30
Vinyl chloride	1.0	U	20.0	19.4		ug/L		97	55 - 144	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*91*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LB3 460-871955/1-A
Matrix: Solid
Analysis Batch: 872317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 871955

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		10/14/22 10:39	10/17/22 07:22	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-871955/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 872317
Prep Batch: 871955

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		10/14/22 10:39	10/17/22 07:22	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		10/14/22 10:39	10/17/22 07:22	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*	*10/14/22 10:39*	*10/17/22 07:22*	*1*
Bromofluorobenzene	*100*		*75 - 139*	*10/14/22 10:39*	*10/17/22 07:22*	*1*
Dibromofluoromethane (Surr)	*115*		*73 - 139*	*10/14/22 10:39*	*10/17/22 07:22*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/14/22 10:39*	*10/17/22 07:22*	*1*

Lab Sample ID: 460-267360-1 MS
Client Sample ID: L2-RI-SB-10B_15-16_20221012
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 872430
Prep Batch: 871955

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0010	U	0.0211	0.0179		mg/Kg	☼	85	78 - 120
1,1,2,2-Tetrachloroethane	0.0010	U	0.0211	0.0116	*	mg/Kg	☼	55	66 - 123
1,1,2-Trichloroethane	0.0010	U	0.0211	0.0140	*	mg/Kg	☼	66	80 - 120
1,1-Dichloroethane	0.0010	U	0.0211	0.0195		mg/Kg	☼	92	77 - 129
1,1-Dichloroethene	0.0010	U	0.0211	0.0211		mg/Kg	☼	100	70 - 132
1,2-Dichloroethane	0.0010	U	0.0211	0.0175		mg/Kg	☼	83	75 - 123
1,2-Dichloropropane	0.0010	U	0.0211	0.0166		mg/Kg	☼	78	73 - 124
Bromodichloromethane	0.0010	U	0.0211	0.0152	*	mg/Kg	☼	72	73 - 124
Carbon tetrachloride	0.0010	U	0.0211	0.0162		mg/Kg	☼	77	77 - 121
Chlorobenzene	0.0010	U	0.0211	0.00970	*	mg/Kg	☼	46	80 - 120
Chloroethane	0.0010	U	0.0211	0.0244		mg/Kg	☼	116	68 - 132
Chloroform	0.0010	U	0.0211	0.0175		mg/Kg	☼	83	79 - 126
Chloromethane	0.0010	U	0.0211	0.0242		mg/Kg	☼	115	63 - 130
cis-1,2-Dichloroethene	0.0010	U	0.0211	0.0191		mg/Kg	☼	90	80 - 123
cis-1,3-Dichloropropene	0.0010	U	0.0211	0.0144	*	mg/Kg	☼	68	80 - 120
Dibromochloromethane	0.0010	U	0.0211	0.0119	*	mg/Kg	☼	57	80 - 120
Methylene Chloride	0.0021	U	0.0211	0.0217		mg/Kg	☼	103	76 - 120
Tetrachloroethene	0.0072		0.0211	0.0323		mg/Kg	☼	119	78 - 123
trans-1,2-Dichloroethene	0.0010	U	0.0211	0.0205		mg/Kg	☼	97	78 - 120
trans-1,3-Dichloropropene	0.0010	U	0.0211	0.0124	*	mg/Kg	☼	59	80 - 120
Trichloroethene	0.0078		0.0211	0.0538	*	mg/Kg	☼	217	79 - 120
Vinyl chloride	0.0010	U	0.0211	0.0244		mg/Kg	☼	115	72 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*
Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*108*		*73 - 139*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-267360-1 MSD
Client Sample ID: L2-RI-SB-10B_15-16_20221012
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 872430
Prep Batch: 871955

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0010	U	0.0208	0.0173		mg/Kg	☼	83	78 - 120	3	30
1,1,2,2-Tetrachloroethane	0.0010	U	0.0208	0.0138		mg/Kg	☼	67	66 - 123	18	30
1,1,2-Trichloroethane	0.0010	U	0.0208	0.0158	*	mg/Kg	☼	76	80 - 120	12	30
1,1-Dichloroethane	0.0010	U	0.0208	0.0201		mg/Kg	☼	97	77 - 129	3	30
1,1-Dichloroethene	0.0010	U	0.0208	0.0198		mg/Kg	☼	96	70 - 132	6	30
1,2-Dichloroethane	0.0010	U	0.0208	0.0193		mg/Kg	☼	93	75 - 123	10	30
1,2-Dichloropropane	0.0010	U	0.0208	0.0175		mg/Kg	☼	84	73 - 124	5	30
Bromodichloromethane	0.0010	U	0.0208	0.0164		mg/Kg	☼	79	73 - 124	8	30
Carbon tetrachloride	0.0010	U	0.0208	0.0158	*	mg/Kg	☼	76	77 - 121	3	30
Chlorobenzene	0.0010	U	0.0208	0.0111	*	mg/Kg	☼	53	80 - 120	13	30
Chloroethane	0.0010	U	0.0208	0.0234		mg/Kg	☼	113	68 - 132	4	30
Chloroform	0.0010	U	0.0208	0.0184		mg/Kg	☼	89	79 - 126	5	30
Chloromethane	0.0010	U	0.0208	0.0228		mg/Kg	☼	110	63 - 130	6	30
cis-1,2-Dichloroethene	0.0010	U	0.0208	0.0200		mg/Kg	☼	96	80 - 123	4	30
cis-1,3-Dichloropropene	0.0010	U	0.0208	0.0161	*	mg/Kg	☼	77	80 - 120	11	30
Dibromochloromethane	0.0010	U	0.0208	0.0136	*	mg/Kg	☼	66	80 - 120	13	30
Methylene Chloride	0.0021	U	0.0208	0.0218		mg/Kg	☼	105	76 - 120	0	30
Tetrachloroethene	0.0072		0.0208	0.0250		mg/Kg	☼	86	78 - 123	25	30
trans-1,2-Dichloroethene	0.0010	U	0.0208	0.0218		mg/Kg	☼	105	78 - 120	6	30
trans-1,3-Dichloropropene	0.0010	U	0.0208	0.0150	*	mg/Kg	☼	72	80 - 120	19	30
Trichloroethene	0.0078		0.0208	0.0306	*	mg/Kg	☼	110	79 - 120	55	30
Vinyl chloride	0.0010	U	0.0208	0.0224		mg/Kg	☼	108	72 - 131	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*
Bromofluorobenzene	*102*		*75 - 139*
Dibromofluoromethane (Surr)	*109*		*73 - 139*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LB3 460-872117/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 872315
Prep Batch: 872117

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		10/15/22 07:31	10/17/22 14:03	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-872117/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 872315
Prep Batch: 872117

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		10/15/22 07:31	10/17/22 14:03	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		10/15/22 07:31	10/17/22 14:03	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 145*	*10/15/22 07:31*	*10/17/22 14:03*	*1*
Bromofluorobenzene	*104*		*75 - 139*	*10/15/22 07:31*	*10/17/22 14:03*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 139*	*10/15/22 07:31*	*10/17/22 14:03*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*10/15/22 07:31*	*10/17/22 14:03*	*1*

Lab Sample ID: 460-267458-2 MS
Client Sample ID: L3-PP-SB-1_6-8_20221013
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 872315
Prep Batch: 872117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0010	U *	0.0240	0.0191		mg/Kg	☼	79	78 - 120
1,1,2,2-Tetrachloroethane	0.0010	U	0.0240	0.0159		mg/Kg	☼	66	66 - 123
1,1,2-Trichloroethane	0.0010	U	0.0240	0.0184	*	mg/Kg	☼	77	80 - 120
1,1-Dichloroethane	0.0010	U	0.0240	0.0190		mg/Kg	☼	79	77 - 129
1,1-Dichloroethene	0.0010	U	0.0240	0.0202		mg/Kg	☼	84	70 - 132
1,2-Dichloroethane	0.0010	U	0.0240	0.0172	*	mg/Kg	☼	72	75 - 123
1,2-Dichloropropane	0.0010	U	0.0240	0.0194		mg/Kg	☼	81	73 - 124
Bromodichloromethane	0.0010	U	0.0240	0.0179		mg/Kg	☼	75	73 - 124
Carbon tetrachloride	0.0010	U *	0.0240	0.0190		mg/Kg	☼	79	77 - 121
Chlorobenzene	0.0010	U	0.0240	0.0189	*	mg/Kg	☼	79	80 - 120
Chloroethane	0.0010	U	0.0240	0.0191		mg/Kg	☼	80	68 - 132
Chloroform	0.0010	U	0.0240	0.0185	*	mg/Kg	☼	77	79 - 126
Chloromethane	0.0010	U	0.0240	0.0190		mg/Kg	☼	79	63 - 130
cis-1,2-Dichloroethene	0.0010	U	0.0240	0.0187	*	mg/Kg	☼	78	80 - 123
cis-1,3-Dichloropropene	0.0010	U	0.0240	0.0183	*	mg/Kg	☼	76	80 - 120
Dibromochloromethane	0.0010	U	0.0240	0.0177	*	mg/Kg	☼	74	80 - 120
Methylene Chloride	0.0020	U	0.0240	0.0190		mg/Kg	☼	79	76 - 120
Tetrachloroethene	0.0010	U *	0.0240	0.0194		mg/Kg	☼	81	78 - 123
trans-1,2-Dichloroethene	0.0010	U	0.0240	0.0191		mg/Kg	☼	80	78 - 120
trans-1,3-Dichloropropene	0.0010	U	0.0240	0.0175	*	mg/Kg	☼	73	80 - 120
Trichloroethene	0.0010	U	0.0240	0.0196		mg/Kg	☼	82	79 - 120
Vinyl chloride	0.0010	U *	0.0240	0.0221		mg/Kg	☼	92	72 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 145*
Bromofluorobenzene	*101*		*75 - 139*
Dibromofluoromethane (Surr)	*99*		*73 - 139*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-267458-2 MSD
Client Sample ID: L3-PP-SB-1_6-8_20221013
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 872315
Prep Batch: 872117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0010	U *	0.0211	0.0173		mg/Kg	☼	82	78 - 120	10	30
1,1,2,2-Tetrachloroethane	0.0010	U	0.0211	0.0148		mg/Kg	☼	70	66 - 123	7	30
1,1,2-Trichloroethane	0.0010	U	0.0211	0.0160	*	mg/Kg	☼	76	80 - 120	14	30
1,1-Dichloroethane	0.0010	U	0.0211	0.0170		mg/Kg	☼	80	77 - 129	11	30
1,1-Dichloroethene	0.0010	U	0.0211	0.0185		mg/Kg	☼	88	70 - 132	9	30
1,2-Dichloroethane	0.0010	U	0.0211	0.0150	*	mg/Kg	☼	71	75 - 123	14	30
1,2-Dichloropropane	0.0010	U	0.0211	0.0172		mg/Kg	☼	81	73 - 124	12	30
Bromodichloromethane	0.0010	U	0.0211	0.0160		mg/Kg	☼	76	73 - 124	11	30
Carbon tetrachloride	0.0010	U *	0.0211	0.0171		mg/Kg	☼	81	77 - 121	11	30
Chlorobenzene	0.0010	U	0.0211	0.0165	*	mg/Kg	☼	78	80 - 120	14	30
Chloroethane	0.0010	U	0.0211	0.0175		mg/Kg	☼	83	68 - 132	9	30
Chloroform	0.0010	U	0.0211	0.0166		mg/Kg	☼	79	79 - 126	11	30
Chloromethane	0.0010	U	0.0211	0.0173		mg/Kg	☼	82	63 - 130	9	30
cis-1,2-Dichloroethene	0.0010	U	0.0211	0.0168	*	mg/Kg	☼	79	80 - 123	11	30
cis-1,3-Dichloropropene	0.0010	U	0.0211	0.0161	*	mg/Kg	☼	76	80 - 120	13	30
Dibromochloromethane	0.0010	U	0.0211	0.0152	*	mg/Kg	☼	72	80 - 120	15	30
Methylene Chloride	0.0020	U	0.0211	0.0171		mg/Kg	☼	81	76 - 120	10	30
Tetrachloroethene	0.0010	U *	0.0211	0.0169		mg/Kg	☼	80	78 - 123	14	30
trans-1,2-Dichloroethene	0.0010	U	0.0211	0.0170		mg/Kg	☼	81	78 - 120	11	30
trans-1,3-Dichloropropene	0.0010	U	0.0211	0.0152	*	mg/Kg	☼	72	80 - 120	14	30
Trichloroethene	0.0010	U	0.0211	0.0174		mg/Kg	☼	82	79 - 120	12	30
Vinyl chloride	0.0010	U *	0.0211	0.0213		mg/Kg	☼	101	72 - 131	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*72 - 145*
Bromofluorobenzene	*104*		*75 - 139*
Dibromofluoromethane (Surr)	*99*		*73 - 139*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-267521-3 MS
Client Sample ID: L3-PP-SB-2_5-6_20221013
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 873205
Prep Batch: 872149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.13	U	2.62	2.13		mg/Kg	☼	81	80 - 121
1,1,2,2-Tetrachloroethane	0.13	U	2.62	2.48		mg/Kg	☼	95	74 - 138
1,1,2-Trichloroethane	0.13	U	2.62	2.35		mg/Kg	☼	90	79 - 120
1,1-Dichloroethane	0.13	U	2.62	2.56		mg/Kg	☼	98	79 - 124
1,1-Dichloroethene	0.13	U	2.62	2.60		mg/Kg	☼	99	72 - 128
1,2-Dichloroethane	0.13	U	2.62	2.30		mg/Kg	☼	88	75 - 124
1,2-Dichloropropane	0.13	U	2.62	2.48		mg/Kg	☼	95	78 - 125
Bromodichloromethane	0.13	U	2.62	2.18		mg/Kg	☼	83	77 - 120
Carbon tetrachloride	0.13	U	2.62	2.17		mg/Kg	☼	83	77 - 123
Chlorobenzene	0.13	U	2.62	2.52		mg/Kg	☼	96	80 - 120
Chloroethane	0.13	U	2.62	0.778	*	mg/Kg	☼	30	68 - 133
Chloroform	0.13	U	2.62	2.39		mg/Kg	☼	91	80 - 120
Chloromethane	0.13	U	2.62	2.42		mg/Kg	☼	92	63 - 130
cis-1,2-Dichloroethene	0.16		2.62	2.47		mg/Kg	☼	88	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-267521-3 MS
Client Sample ID: L3-PP-SB-2_5-6_20221013
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 873205
Prep Batch: 872149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	0.13	U	2.62	2.34		mg/Kg	☼	89	80 - 120
Dibromochloromethane	0.13	U	2.62	2.09		mg/Kg	☼	80	80 - 120
Methylene Chloride	0.068	J	2.62	2.85		mg/Kg	☼	106	74 - 120
Tetrachloroethene	0.13	U	2.62	2.53		mg/Kg	☼	97	77 - 120
trans-1,2-Dichloroethene	0.045	J	2.62	2.21		mg/Kg	☼	83	77 - 120
trans-1,3-Dichloropropene	0.13	U	2.62	2.49		mg/Kg	☼	95	80 - 120
Trichloroethene	17		2.62	23.9	*	mg/Kg	☼	258	77 - 120
Vinyl chloride	0.13	U	2.62	2.21		mg/Kg	☼	85	72 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 150*
Bromofluorobenzene	*97*		*70 - 150*
Dibromofluoromethane (Surr)	*96*		*68 - 150*
Toluene-d8 (Surr)	*97*		*80 - 147*

Lab Sample ID: 460-267521-3 MSD
Client Sample ID: L3-PP-SB-2_5-6_20221013
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 873205
Prep Batch: 872149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.13	U	2.62	2.45		mg/Kg	☼	93	80 - 121	14	30
1,1,2,2-Tetrachloroethane	0.13	U	2.62	2.79		mg/Kg	☼	106	74 - 138	12	30
1,1,2-Trichloroethane	0.13	U	2.62	2.57		mg/Kg	☼	98	79 - 120	9	30
1,1-Dichloroethane	0.13	U	2.62	2.80		mg/Kg	☼	107	79 - 124	9	30
1,1-Dichloroethene	0.13	U	2.62	2.96		mg/Kg	☼	113	72 - 128	13	30
1,2-Dichloroethane	0.13	U	2.62	2.53		mg/Kg	☼	97	75 - 124	10	30
1,2-Dichloropropane	0.13	U	2.62	2.76		mg/Kg	☼	105	78 - 125	11	30
Bromodichloromethane	0.13	U	2.62	2.45		mg/Kg	☼	93	77 - 120	12	30
Carbon tetrachloride	0.13	U	2.62	2.49		mg/Kg	☼	95	77 - 123	14	30
Chlorobenzene	0.13	U	2.62	2.74		mg/Kg	☼	105	80 - 120	8	30
Chloroethane	0.13	U	2.62	0.795	*	mg/Kg	☼	30	68 - 133	2	30
Chloroform	0.13	U	2.62	2.60		mg/Kg	☼	99	80 - 120	9	30
Chloromethane	0.13	U	2.62	2.72		mg/Kg	☼	104	63 - 130	11	30
cis-1,2-Dichloroethene	0.16		2.62	2.85		mg/Kg	☼	103	80 - 120	15	30
cis-1,3-Dichloropropene	0.13	U	2.62	2.61		mg/Kg	☼	100	80 - 120	11	30
Dibromochloromethane	0.13	U	2.62	2.37		mg/Kg	☼	90	80 - 120	12	30
Methylene Chloride	0.068	J	2.62	3.22		mg/Kg	☼	120	74 - 120	12	30
Tetrachloroethene	0.13	U	2.62	2.87		mg/Kg	☼	109	77 - 120	12	30
trans-1,2-Dichloroethene	0.045	J	2.62	2.61		mg/Kg	☼	98	77 - 120	17	30
trans-1,3-Dichloropropene	0.13	U	2.62	2.80		mg/Kg	☼	107	80 - 120	12	30
Trichloroethene	17		2.62	25.8	*	mg/Kg	☼	330	77 - 120	8	30
Vinyl chloride	0.13	U	2.62	2.67		mg/Kg	☼	102	72 - 131	19	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 150*
Bromofluorobenzene	*102*		*70 - 150*
Dibromofluoromethane (Surr)	*101*		*68 - 150*
Toluene-d8 (Surr)	*100*		*80 - 147*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-872153/1-A
Matrix: Solid
Analysis Batch: 872987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 872153

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		10/15/22 13:17	10/20/22 11:15	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		10/15/22 13:17	10/20/22 11:15	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 145*	*10/15/22 13:17*	*10/20/22 11:15*	*1*
Bromofluorobenzene	*110*		*75 - 139*	*10/15/22 13:17*	*10/20/22 11:15*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 139*	*10/15/22 13:17*	*10/20/22 11:15*	*1*
Toluene-d8 (Surr)	*116*		*80 - 120*	*10/15/22 13:17*	*10/20/22 11:15*	*1*

Lab Sample ID: MB 460-872160/7
Matrix: Water
Analysis Batch: 872160

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/15/22 20:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/15/22 20:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/15/22 20:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/15/22 20:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/15/22 20:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/15/22 20:18	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/15/22 20:18	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/15/22 20:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/15/22 20:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/15/22 20:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/15/22 20:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/15/22 20:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/15/22 20:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/15/22 20:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-872160/7
Matrix: Water
Analysis Batch: 872160

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 20:18	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/15/22 20:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/15/22 20:18	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/15/22 20:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/15/22 20:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/15/22 20:18	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/15/22 20:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/15/22 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*10/15/22 20:18*	*1*
Bromofluorobenzene	*108*		*76 - 120*		*10/15/22 20:18*	*1*
Dibromofluoromethane (Surr)	*113*		*77 - 124*		*10/15/22 20:18*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/15/22 20:18*	*1*

Lab Sample ID: LCS 460-872160/4
Matrix: Water
Analysis Batch: 872160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	22.3		ug/L		112	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.3		ug/L		97	63 - 139
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	74 - 125
1,1-Dichloroethane	20.0	21.1		ug/L		105	73 - 130
1,1-Dichloroethene	20.0	22.1		ug/L		110	68 - 133
1,2-Dichloroethane	20.0	22.0		ug/L		110	66 - 129
1,2-Dichloropropane	20.0	19.4		ug/L		97	68 - 128
Bromodichloromethane	20.0	21.2		ug/L		106	76 - 121
Carbon tetrachloride	20.0	23.5		ug/L		117	61 - 131
Chlorobenzene	20.0	20.3		ug/L		101	80 - 120
Chloroethane	20.0	17.4		ug/L		87	42 - 150
Chloroform	20.0	21.6		ug/L		108	78 - 125
Chloromethane	20.0	14.8		ug/L		74	43 - 150
cis-1,2-Dichloroethene	20.0	21.9		ug/L		110	78 - 121
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	74 - 125
Dibromochloromethane	20.0	20.3		ug/L		102	62 - 130
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127
Tetrachloroethene	20.0	22.6		ug/L		113	70 - 127
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	74 - 126
trans-1,3-Dichloropropene	20.0	20.4		ug/L		102	66 - 127
Trichloroethene	20.0	21.6		ug/L		108	71 - 121
Vinyl chloride	20.0	16.6		ug/L		83	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*108*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-872260/8
Matrix: Water
Analysis Batch: 872260

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/16/22 18:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/16/22 18:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/16/22 18:50	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/16/22 18:50	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/16/22 18:50	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/16/22 18:50	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/16/22 18:50	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/16/22 18:50	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/16/22 18:50	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/16/22 18:50	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/16/22 18:50	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/16/22 18:50	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/16/22 18:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/16/22 18:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/16/22 18:50	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/16/22 18:50	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/16/22 18:50	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/16/22 18:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/16/22 18:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/16/22 18:50	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/16/22 18:50	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/16/22 18:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*10/16/22 18:50*	*1*
Bromofluorobenzene	*110*		*76 - 120*		*10/16/22 18:50*	*1*
Dibromofluoromethane (Surr)	*112*		*77 - 124*		*10/16/22 18:50*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/16/22 18:50*	*1*

Lab Sample ID: LCS 460-872260/4
Matrix: Water
Analysis Batch: 872260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.9		ug/L		109	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.3		ug/L		97	63 - 139
1,1,2-Trichloroethane	20.0	19.5		ug/L		98	74 - 125
1,1-Dichloroethane	20.0	20.3		ug/L		101	73 - 130
1,1-Dichloroethene	20.0	21.6		ug/L		108	68 - 133
1,2-Dichloroethane	20.0	21.1		ug/L		106	66 - 129
1,2-Dichloropropane	20.0	18.6		ug/L		93	68 - 128
Bromodichloromethane	20.0	20.3		ug/L		102	76 - 121
Carbon tetrachloride	20.0	22.4		ug/L		112	61 - 131
Chlorobenzene	20.0	20.5		ug/L		103	80 - 120
Chloroethane	20.0	16.8		ug/L		84	42 - 150
Chloroform	20.0	20.9		ug/L		105	78 - 125
Chloromethane	20.0	14.5		ug/L		72	43 - 150
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	78 - 121

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-872260/4
Matrix: Water
Analysis Batch: 872260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,3-Dichloropropene			20.0	20.5		ug/L		102	74 - 125		
Dibromochloromethane			20.0	20.9		ug/L		104	62 - 130		
Methylene Chloride			20.0	21.0		ug/L		105	74 - 127		
Tetrachloroethene			20.0	23.0		ug/L		115	70 - 127		
trans-1,2-Dichloroethene			20.0	20.6		ug/L		103	74 - 126		
trans-1,3-Dichloropropene			20.0	20.3		ug/L		102	66 - 127		
Trichloroethene			20.0	21.6		ug/L		108	71 - 121		
Vinyl chloride			20.0	15.8		ug/L		79	55 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
Bromofluorobenzene	*110*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 124*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-872260/5
Matrix: Water
Analysis Batch: 872260

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
1,1,1-Trichloroethane			20.0	21.1		ug/L		105	68 - 128	4	30
1,1,2,2-Tetrachloroethane			20.0	17.8		ug/L		89	63 - 139	8	30
1,1,2-Trichloroethane			20.0	18.3		ug/L		91	74 - 125	7	30
1,1-Dichloroethane			20.0	20.0		ug/L		100	73 - 130	1	30
1,1-Dichloroethene			20.0	21.3		ug/L		106	68 - 133	1	30
1,2-Dichloroethane			20.0	20.4		ug/L		102	66 - 129	4	30
1,2-Dichloropropane			20.0	17.6		ug/L		88	68 - 128	6	30
Bromodichloromethane			20.0	19.8		ug/L		99	76 - 121	3	30
Carbon tetrachloride			20.0	21.7		ug/L		109	61 - 131	3	30
Chlorobenzene			20.0	19.3		ug/L		96	80 - 120	6	30
Chloroethane			20.0	16.2		ug/L		81	42 - 150	3	30
Chloroform			20.0	20.2		ug/L		101	78 - 125	4	30
Chloromethane			20.0	13.9		ug/L		70	43 - 150	4	30
cis-1,2-Dichloroethene			20.0	20.7		ug/L		104	78 - 121	2	30
cis-1,3-Dichloropropene			20.0	19.1		ug/L		95	74 - 125	7	30
Dibromochloromethane			20.0	19.0		ug/L		95	62 - 130	9	30
Methylene Chloride			20.0	20.4		ug/L		102	74 - 127	2	30
Tetrachloroethene			20.0	21.2		ug/L		106	70 - 127	8	30
trans-1,2-Dichloroethene			20.0	20.5		ug/L		102	74 - 126	1	30
trans-1,3-Dichloropropene			20.0	18.7		ug/L		94	66 - 127	8	30
Trichloroethene			20.0	20.4		ug/L		102	71 - 121	6	30
Vinyl chloride			20.0	15.9		ug/L		79	55 - 144	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
Bromofluorobenzene	*111*		*76 - 120*
Dibromofluoromethane (Surr)	*108*		*77 - 124*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-267472-A-3 MS
Matrix: Water
Analysis Batch: 872260

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2.0	U	40.0	42.8		ug/L		107	68 - 128
1,1,2,2-Tetrachloroethane	2.0	U	40.0	35.0		ug/L		87	63 - 139
1,1,2-Trichloroethane	2.0	U	40.0	35.7		ug/L		89	74 - 125
1,1-Dichloroethane	13		40.0	53.5		ug/L		102	73 - 130
1,1-Dichloroethene	2.0	U	40.0	41.4		ug/L		104	68 - 133
1,2-Dichloroethane	2.0	U	40.0	41.6		ug/L		104	66 - 129
1,2-Dichloropropane	2.0	U	40.0	37.1		ug/L		93	68 - 128
Bromodichloromethane	2.0	U	40.0	40.0		ug/L		100	76 - 121
Carbon tetrachloride	2.0	U	40.0	45.3		ug/L		113	61 - 131
Chlorobenzene	32		40.0	71.0		ug/L		97	80 - 120
Chloroethane	2.0	U	40.0	34.2		ug/L		85	42 - 150
Chloroform	2.0	U	40.0	42.0		ug/L		105	78 - 125
Chloromethane	2.0	U	40.0	31.0		ug/L		78	43 - 150
cis-1,2-Dichloroethene	2.0	U	40.0	41.9		ug/L		105	78 - 121
cis-1,3-Dichloropropene	2.0	U	40.0	35.3		ug/L		88	74 - 125
Dibromochloromethane	2.0	U	40.0	39.2		ug/L		98	62 - 130
Methylene Chloride	2.0	U	40.0	42.4		ug/L		106	74 - 127
Tetrachloroethene	0.96	J	40.0	43.5		ug/L		106	70 - 127
trans-1,2-Dichloroethene	0.66	J	40.0	41.4		ug/L		102	74 - 126
trans-1,3-Dichloropropene	2.0	U	40.0	33.3		ug/L		83	66 - 127
Trichloroethene	2.0	U	40.0	41.1		ug/L		103	71 - 121
Vinyl chloride	0.92	J	40.0	34.8		ug/L		85	55 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
Bromofluorobenzene	*109*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 124*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 460-267472-A-3 MSD
Matrix: Water
Analysis Batch: 872260

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	2.0	U	40.0	50.0		ug/L		125	68 - 128	15	30
1,1,2,2-Tetrachloroethane	2.0	U	40.0	37.7		ug/L		94	63 - 139	7	30
1,1,2-Trichloroethane	2.0	U	40.0	40.5		ug/L		101	74 - 125	12	30
1,1-Dichloroethane	13		40.0	60.0		ug/L		119	73 - 130	11	30
1,1-Dichloroethene	2.0	U	40.0	49.5		ug/L		124	68 - 133	18	30
1,2-Dichloroethane	2.0	U	40.0	47.9		ug/L		120	66 - 129	14	30
1,2-Dichloropropane	2.0	U	40.0	42.5		ug/L		106	68 - 128	13	30
Bromodichloromethane	2.0	U	40.0	46.9		ug/L		117	76 - 121	16	30
Carbon tetrachloride	2.0	U	40.0	51.1		ug/L		128	61 - 131	12	30
Chlorobenzene	32		40.0	76.3		ug/L		110	80 - 120	7	30
Chloroethane	2.0	U	40.0	34.9		ug/L		87	42 - 150	2	30
Chloroform	2.0	U	40.0	48.0		ug/L		120	78 - 125	13	30
Chloromethane	2.0	U	40.0	31.2		ug/L		78	43 - 150	1	30
cis-1,2-Dichloroethene	2.0	U	40.0	49.4	*	ug/L		123	78 - 121	16	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-267472-A-3 MSD
Matrix: Water
Analysis Batch: 872260

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	2.0	U	40.0	39.4		ug/L		99	74 - 125	11	30
Dibromochloromethane	2.0	U	40.0	43.8		ug/L		110	62 - 130	11	30
Methylene Chloride	2.0	U	40.0	47.3		ug/L		118	74 - 127	11	30
Tetrachloroethene	0.96	J	40.0	49.7		ug/L		122	70 - 127	13	30
trans-1,2-Dichloroethene	0.66	J	40.0	48.3		ug/L		119	74 - 126	15	30
trans-1,3-Dichloropropene	2.0	U	40.0	39.5		ug/L		99	66 - 127	17	30
Trichloroethene	2.0	U	40.0	46.7		ug/L		117	71 - 121	13	30
Vinyl chloride	0.92	J	40.0	38.4		ug/L		94	55 - 144	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 124*
Toluene-d8 (Surr)	*91*		*80 - 120*

Lab Sample ID: MB 460-872315/22
Matrix: Solid
Analysis Batch: 872315

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 13:41	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 13:41	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 13:41	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 13:41	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 13:41	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/17/22 13:41	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/17/22 13:41	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/17/22 13:41	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/17/22 13:41	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 13:41	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/17/22 13:41	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/17/22 13:41	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/17/22 13:41	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/17/22 13:41	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 13:41	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/17/22 13:41	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/17/22 13:41	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/17/22 13:41	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/17/22 13:41	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 13:41	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/17/22 13:41	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/17/22 13:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 145*		*10/17/22 13:41*	*1*
Bromofluorobenzene	*102*		*75 - 139*		*10/17/22 13:41*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 139*		*10/17/22 13:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/17/22 13:41*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872315/18
Matrix: Solid
Analysis Batch: 872315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0244	*	mg/Kg		122	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0188		mg/Kg		94	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0205		mg/Kg		103	80 - 120		
1,1-Dichloroethane			0.0200	0.0217		mg/Kg		108	77 - 129		
1,1-Dichloroethene			0.0200	0.0253		mg/Kg		126	70 - 132		
1,2-Dichloroethane			0.0200	0.0194		mg/Kg		97	75 - 123		
1,2-Dichloropropane			0.0200	0.0218		mg/Kg		109	73 - 124		
Bromodichloromethane			0.0200	0.0201		mg/Kg		100	73 - 124		
Carbon tetrachloride			0.0200	0.0251	*	mg/Kg		125	77 - 121		
Chlorobenzene			0.0200	0.0222		mg/Kg		111	80 - 120		
Chloroethane			0.0200	0.0229		mg/Kg		115	68 - 132		
Chloroform			0.0200	0.0212		mg/Kg		106	79 - 126		
Chloromethane			0.0200	0.0219		mg/Kg		110	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0216		mg/Kg		108	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0206		mg/Kg		103	80 - 120		
Dibromochloromethane			0.0200	0.0206		mg/Kg		103	80 - 120		
Methylene Chloride			0.0200	0.0213		mg/Kg		106	76 - 120		
Tetrachloroethene			0.0200	0.0255	*	mg/Kg		128	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0229		mg/Kg		115	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0200		mg/Kg		100	80 - 120		
Trichloroethene			0.0200	0.0240		mg/Kg		120	79 - 120		
Vinyl chloride			0.0200	0.0273	*	mg/Kg		137	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 145*
Bromofluorobenzene	*100*		*75 - 139*
Dibromofluoromethane (Surr)	*99*		*73 - 139*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-872315/19
Matrix: Solid
Analysis Batch: 872315

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
1,1,1-Trichloroethane			0.0200	0.0189		mg/Kg		95	78 - 120	26	30
1,1,2,2-Tetrachloroethane			0.0200	0.0171		mg/Kg		85	66 - 123	10	30
1,1,2-Trichloroethane			0.0200	0.0185		mg/Kg		93	80 - 120	10	30
1,1-Dichloroethane			0.0200	0.0179		mg/Kg		89	77 - 129	19	30
1,1-Dichloroethene			0.0200	0.0193		mg/Kg		96	70 - 132	27	30
1,2-Dichloroethane			0.0200	0.0174		mg/Kg		87	75 - 123	11	30
1,2-Dichloropropane			0.0200	0.0187		mg/Kg		94	73 - 124	15	30
Bromodichloromethane			0.0200	0.0178		mg/Kg		89	73 - 124	12	30
Carbon tetrachloride			0.0200	0.0189		mg/Kg		95	77 - 121	28	30
Chlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	19	30
Chloroethane			0.0200	0.0188		mg/Kg		94	68 - 132	20	30
Chloroform			0.0200	0.0178		mg/Kg		89	79 - 126	18	30
Chloromethane			0.0200	0.0181		mg/Kg		90	63 - 130	19	30
cis-1,2-Dichloroethene			0.0200	0.0180		mg/Kg		90	80 - 123	18	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872315/19
Matrix: Solid
Analysis Batch: 872315

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
cis-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	80 - 120	11	30
Dibromochloromethane			0.0200	0.0181		mg/Kg		90	80 - 120	13	30
Methylene Chloride			0.0200	0.0185		mg/Kg		92	76 - 120	14	30
Tetrachloroethene			0.0200	0.0193		mg/Kg		96	78 - 123	28	30
trans-1,2-Dichloroethene			0.0200	0.0184		mg/Kg		92	78 - 120	22	30
trans-1,3-Dichloropropene			0.0200	0.0182		mg/Kg		91	80 - 120	10	30
Trichloroethene			0.0200	0.0190		mg/Kg		95	79 - 120	23	30
Vinyl chloride			0.0200	0.0221		mg/Kg		111	72 - 131	21	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 145*
Bromofluorobenzene	*101*		*75 - 139*
Dibromofluoromethane (Surr)	*99*		*73 - 139*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 460-872317/7
Matrix: Solid
Analysis Batch: 872317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 06:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 06:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 06:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 06:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 06:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/17/22 06:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/17/22 06:57	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/17/22 06:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/17/22 06:57	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 06:57	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/17/22 06:57	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/17/22 06:57	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/17/22 06:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/17/22 06:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 06:57	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/17/22 06:57	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/17/22 06:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/17/22 06:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/17/22 06:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 06:57	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/17/22 06:57	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/17/22 06:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*		*10/17/22 06:57*	*1*
Bromofluorobenzene	*96*		*75 - 139*		*10/17/22 06:57*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*		*10/17/22 06:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/17/22 06:57*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872317/3
Matrix: Solid
Analysis Batch: 872317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0226		mg/Kg		113	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0160		mg/Kg		80	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0172		mg/Kg		86	80 - 120		
1,1-Dichloroethane			0.0200	0.0204		mg/Kg		102	77 - 129		
1,1-Dichloroethene			0.0200	0.0218		mg/Kg		109	70 - 132		
1,2-Dichloroethane			0.0200	0.0188		mg/Kg		94	75 - 123		
1,2-Dichloropropane			0.0200	0.0191		mg/Kg		95	73 - 124		
Bromodichloromethane			0.0200	0.0191		mg/Kg		96	73 - 124		
Carbon tetrachloride			0.0200	0.0225		mg/Kg		113	77 - 121		
Chlorobenzene			0.0200	0.0178		mg/Kg		89	80 - 120		
Chloroethane			0.0200	0.0208		mg/Kg		104	68 - 132		
Chloroform			0.0200	0.0196		mg/Kg		98	79 - 126		
Chloromethane			0.0200	0.0190		mg/Kg		95	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0208		mg/Kg		104	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0172		mg/Kg		86	80 - 120		
Dibromochloromethane			0.0200	0.0168		mg/Kg		84	80 - 120		
Methylene Chloride			0.0200	0.0220		mg/Kg		110	76 - 120		
Tetrachloroethene			0.0200	0.0202		mg/Kg		101	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0226		mg/Kg		113	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0170		mg/Kg		85	80 - 120		
Trichloroethene			0.0200	0.0206		mg/Kg		103	79 - 120		
Vinyl chloride			0.0200	0.0191		mg/Kg		95	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*
Bromofluorobenzene	*102*		*75 - 139*
Dibromofluoromethane (Surr)	*115*		*73 - 139*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-872317/4
Matrix: Solid
Analysis Batch: 872317

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
1,1,1-Trichloroethane			0.0200	0.0226		mg/Kg		113	78 - 120	0	30
1,1,2,2-Tetrachloroethane			0.0200	0.0178		mg/Kg		89	66 - 123	11	30
1,1,2-Trichloroethane			0.0200	0.0184		mg/Kg		92	80 - 120	7	30
1,1-Dichloroethane			0.0200	0.0203		mg/Kg		102	77 - 129	1	30
1,1-Dichloroethene			0.0200	0.0216		mg/Kg		108	70 - 132	1	30
1,2-Dichloroethane			0.0200	0.0198		mg/Kg		99	75 - 123	5	30
1,2-Dichloropropane			0.0200	0.0200		mg/Kg		100	73 - 124	5	30
Bromodichloromethane			0.0200	0.0197		mg/Kg		98	73 - 124	3	30
Carbon tetrachloride			0.0200	0.0222		mg/Kg		111	77 - 121	2	30
Chlorobenzene			0.0200	0.0183		mg/Kg		92	80 - 120	3	30
Chloroethane			0.0200	0.0191		mg/Kg		96	68 - 132	8	30
Chloroform			0.0200	0.0206		mg/Kg		103	79 - 126	5	30
Chloromethane			0.0200	0.0175		mg/Kg		88	63 - 130	8	30
cis-1,2-Dichloroethene			0.0200	0.0213		mg/Kg		106	80 - 123	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872317/4
Matrix: Solid
Analysis Batch: 872317

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
cis-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	80 - 120	7	30
Dibromochloromethane			0.0200	0.0178		mg/Kg		89	80 - 120	6	30
Methylene Chloride			0.0200	0.0233		mg/Kg		116	76 - 120	6	30
Tetrachloroethene			0.0200	0.0196		mg/Kg		98	78 - 123	3	30
trans-1,2-Dichloroethene			0.0200	0.0229		mg/Kg		114	78 - 120	1	30
trans-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	80 - 120	8	30
Trichloroethene			0.0200	0.0213		mg/Kg		107	79 - 120	4	30
Vinyl chloride			0.0200	0.0167		mg/Kg		84	72 - 131	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 145*
Bromofluorobenzene	*95*		*75 - 139*
Dibromofluoromethane (Surr)	*112*		*73 - 139*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 460-872353/8
Matrix: Solid
Analysis Batch: 872353

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 11:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 11:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 11:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 11:49	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 11:49	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/17/22 11:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/17/22 11:49	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/17/22 11:49	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/17/22 11:49	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 11:49	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/17/22 11:49	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/17/22 11:49	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/17/22 11:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/17/22 11:49	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 11:49	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/17/22 11:49	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/17/22 11:49	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/17/22 11:49	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/17/22 11:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 11:49	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/17/22 11:49	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/17/22 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*		*10/17/22 11:49*	*1*
Bromofluorobenzene	*96*		*75 - 139*		*10/17/22 11:49*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*		*10/17/22 11:49*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/17/22 11:49*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872353/3
Matrix: Solid
Analysis Batch: 872353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0226		mg/Kg		113	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0187		mg/Kg		93	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0196		mg/Kg		98	80 - 120		
1,1-Dichloroethane			0.0200	0.0224		mg/Kg		112	77 - 129		
1,1-Dichloroethene			0.0200	0.0238		mg/Kg		119	70 - 132		
1,2-Dichloroethane			0.0200	0.0195		mg/Kg		98	75 - 123		
1,2-Dichloropropane			0.0200	0.0208		mg/Kg		104	73 - 124		
Bromodichloromethane			0.0200	0.0235		mg/Kg		118	73 - 124		
Carbon tetrachloride			0.0200	0.0264	*	mg/Kg		132	77 - 121		
Chlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120		
Chloroethane			0.0200	0.0178		mg/Kg		89	68 - 132		
Chloroform			0.0200	0.0214		mg/Kg		107	79 - 126		
Chloromethane			0.0200	0.0174		mg/Kg		87	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0213		mg/Kg		106	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0201		mg/Kg		101	80 - 120		
Dibromochloromethane			0.0200	0.0264	*	mg/Kg		132	80 - 120		
Methylene Chloride			0.0200	0.0210		mg/Kg		105	76 - 120		
Tetrachloroethene			0.0200	0.0195		mg/Kg		97	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0219		mg/Kg		109	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		94	80 - 120		
Trichloroethene			0.0200	0.0209		mg/Kg		105	79 - 120		
Vinyl chloride			0.0200	0.0192		mg/Kg		96	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*
Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*105*		*73 - 139*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-872353/4
Matrix: Solid
Analysis Batch: 872353

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
1,1,1-Trichloroethane			0.0200	0.0243	*	mg/Kg		122	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0215		mg/Kg		108	66 - 123	14	30
1,1,2-Trichloroethane			0.0200	0.0201		mg/Kg		100	80 - 120	3	30
1,1-Dichloroethane			0.0200	0.0237		mg/Kg		118	77 - 129	5	30
1,1-Dichloroethene			0.0200	0.0240		mg/Kg		120	70 - 132	1	30
1,2-Dichloroethane			0.0200	0.0205		mg/Kg		102	75 - 123	5	30
1,2-Dichloropropane			0.0200	0.0225		mg/Kg		112	73 - 124	8	30
Bromodichloromethane			0.0200	0.0242		mg/Kg		121	73 - 124	3	30
Carbon tetrachloride			0.0200	0.0278	*	mg/Kg		139	77 - 121	5	30
Chlorobenzene			0.0200	0.0201		mg/Kg		101	80 - 120	5	30
Chloroethane			0.0200	0.0178		mg/Kg		89	68 - 132	0	30
Chloroform			0.0200	0.0226		mg/Kg		113	79 - 126	6	30
Chloromethane			0.0200	0.0158		mg/Kg		79	63 - 130	10	30
cis-1,2-Dichloroethene			0.0200	0.0229		mg/Kg		115	80 - 123	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872353/4
Matrix: Solid
Analysis Batch: 872353

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
cis-1,3-Dichloropropene			0.0200	0.0209		mg/Kg		104	80 - 120	4	30
Dibromochloromethane			0.0200	0.0301	*	mg/Kg		151	80 - 120	13	30
Methylene Chloride			0.0200	0.0222		mg/Kg		111	76 - 120	5	30
Tetrachloroethene			0.0200	0.0208		mg/Kg		104	78 - 123	7	30
trans-1,2-Dichloroethene			0.0200	0.0238		mg/Kg		119	78 - 120	8	30
trans-1,3-Dichloropropene			0.0200	0.0212		mg/Kg		106	80 - 120	11	30
Trichloroethene			0.0200	0.0211		mg/Kg		105	79 - 120	1	30
Vinyl chloride			0.0200	0.0178		mg/Kg		89	72 - 131	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*
Bromofluorobenzene	*98*		*75 - 139*
Dibromofluoromethane (Surr)	*108*		*73 - 139*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 460-872367/8
Matrix: Water
Analysis Batch: 872367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/17/22 11:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/17/22 11:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/17/22 11:33	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/17/22 11:33	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/17/22 11:33	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/17/22 11:33	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/17/22 11:33	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/17/22 11:33	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/17/22 11:33	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/17/22 11:33	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/17/22 11:33	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/17/22 11:33	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/17/22 11:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/17/22 11:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/22 11:33	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/17/22 11:33	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/17/22 11:33	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/17/22 11:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/17/22 11:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/22 11:33	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/17/22 11:33	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/17/22 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*10/17/22 11:33*	*1*
Bromofluorobenzene	*110*		*76 - 120*		*10/17/22 11:33*	*1*
Dibromofluoromethane (Surr)	*112*		*77 - 124*		*10/17/22 11:33*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/17/22 11:33*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872367/3
Matrix: Water
Analysis Batch: 872367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	21.4		ug/L		107	68 - 128		
1,1,2,2-Tetrachloroethane			20.0	18.5		ug/L		92	63 - 139		
1,1,2-Trichloroethane			20.0	19.1		ug/L		95	74 - 125		
1,1-Dichloroethane			20.0	19.6		ug/L		98	73 - 130		
1,1-Dichloroethene			20.0	21.2		ug/L		106	68 - 133		
1,2-Dichloroethane			20.0	20.9		ug/L		105	66 - 129		
1,2-Dichloropropane			20.0	18.0		ug/L		90	68 - 128		
Bromodichloromethane			20.0	19.9		ug/L		99	76 - 121		
Carbon tetrachloride			20.0	22.9		ug/L		114	61 - 131		
Chlorobenzene			20.0	20.1		ug/L		100	80 - 120		
Chloroethane			20.0	18.6		ug/L		93	42 - 150		
Chloroform			20.0	20.8		ug/L		104	78 - 125		
Chloromethane			20.0	17.5		ug/L		87	43 - 150		
cis-1,2-Dichloroethene			20.0	21.1		ug/L		106	78 - 121		
cis-1,3-Dichloropropene			20.0	20.3		ug/L		101	74 - 125		
Dibromochloromethane			20.0	20.6		ug/L		103	62 - 130		
Methylene Chloride			20.0	20.5		ug/L		103	74 - 127		
Tetrachloroethene			20.0	22.9		ug/L		114	70 - 127		
trans-1,2-Dichloroethene			20.0	20.8		ug/L		104	74 - 126		
trans-1,3-Dichloropropene			20.0	19.4		ug/L		97	66 - 127		
Trichloroethene			20.0	20.6		ug/L		103	71 - 121		
Vinyl chloride			20.0	19.2		ug/L		96	55 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*104*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 460-872367/4
Matrix: Water
Analysis Batch: 872367

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
1,1,1-Trichloroethane			20.0	21.6		ug/L		108	68 - 128	1	30
1,1,2,2-Tetrachloroethane			20.0	19.1		ug/L		95	63 - 139	3	30
1,1,2-Trichloroethane			20.0	19.7		ug/L		98	74 - 125	3	30
1,1-Dichloroethane			20.0	20.1		ug/L		101	73 - 130	3	30
1,1-Dichloroethene			20.0	21.3		ug/L		107	68 - 133	1	30
1,2-Dichloroethane			20.0	21.4		ug/L		107	66 - 129	2	30
1,2-Dichloropropane			20.0	19.1		ug/L		96	68 - 128	6	30
Bromodichloromethane			20.0	20.3		ug/L		101	76 - 121	2	30
Carbon tetrachloride			20.0	22.4		ug/L		112	61 - 131	2	30
Chlorobenzene			20.0	20.6		ug/L		103	80 - 120	2	30
Chloroethane			20.0	17.7		ug/L		88	42 - 150	5	30
Chloroform			20.0	20.8		ug/L		104	78 - 125	0	30
Chloromethane			20.0	16.3		ug/L		82	43 - 150	7	30
cis-1,2-Dichloroethene			20.0	21.3		ug/L		107	78 - 121	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872367/4
Matrix: Water
Analysis Batch: 872367

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
cis-1,3-Dichloropropene			20.0	20.5		ug/L		103	74 - 125	1	30
Dibromochloromethane			20.0	21.0		ug/L		105	62 - 130	2	30
Methylene Chloride			20.0	20.8		ug/L		104	74 - 127	2	30
Tetrachloroethene			20.0	22.8		ug/L		114	70 - 127	0	30
trans-1,2-Dichloroethene			20.0	21.0		ug/L		105	74 - 126	1	30
trans-1,3-Dichloropropene			20.0	19.6		ug/L		98	66 - 127	1	30
Trichloroethene			20.0	21.0		ug/L		105	71 - 121	2	30
Vinyl chloride			20.0	18.1		ug/L		90	55 - 144	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
Bromofluorobenzene	*109*		*76 - 120*
Dibromofluoromethane (Surr)	*105*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: MB 460-872430/7
Matrix: Solid
Analysis Batch: 872430

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 20:19	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 20:19	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 20:19	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 20:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 20:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/17/22 20:19	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/17/22 20:19	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/17/22 20:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/17/22 20:19	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 20:19	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/17/22 20:19	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/17/22 20:19	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/17/22 20:19	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/17/22 20:19	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 20:19	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/17/22 20:19	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/17/22 20:19	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/17/22 20:19	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/17/22 20:19	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 20:19	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/17/22 20:19	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/17/22 20:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*		*10/17/22 20:19*	*1*
Bromofluorobenzene	*89*		*75 - 139*		*10/17/22 20:19*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 139*		*10/17/22 20:19*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*		*10/17/22 20:19*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872430/4
Matrix: Solid
Analysis Batch: 872430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0219		mg/Kg		109	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0162		mg/Kg		81	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0172		mg/Kg		86	80 - 120		
1,1-Dichloroethane			0.0200	0.0198		mg/Kg		99	77 - 129		
1,1-Dichloroethene			0.0200	0.0214		mg/Kg		107	70 - 132		
1,2-Dichloroethane			0.0200	0.0185		mg/Kg		92	75 - 123		
1,2-Dichloropropane			0.0200	0.0188		mg/Kg		94	73 - 124		
Bromodichloromethane			0.0200	0.0186		mg/Kg		93	73 - 124		
Carbon tetrachloride			0.0200	0.0209		mg/Kg		105	77 - 121		
Chlorobenzene			0.0200	0.0178		mg/Kg		89	80 - 120		
Chloroethane			0.0200	0.0220		mg/Kg		110	68 - 132		
Chloroform			0.0200	0.0197		mg/Kg		98	79 - 126		
Chloromethane			0.0200	0.0211		mg/Kg		106	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0206		mg/Kg		103	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0171		mg/Kg		85	80 - 120		
Dibromochloromethane			0.0200	0.0163		mg/Kg		82	80 - 120		
Methylene Chloride			0.0200	0.0208		mg/Kg		104	76 - 120		
Tetrachloroethene			0.0200	0.0192		mg/Kg		96	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0220		mg/Kg		110	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0167		mg/Kg		84	80 - 120		
Trichloroethene			0.0200	0.0206		mg/Kg		103	79 - 120		
Vinyl chloride			0.0200	0.0215		mg/Kg		107	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 145*
Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*112*		*73 - 139*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 460-872430/5
Matrix: Solid
Analysis Batch: 872430

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
1,1,1-Trichloroethane			0.0200	0.0217		mg/Kg		109	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0175		mg/Kg		88	66 - 123	8	30
1,1,2-Trichloroethane			0.0200	0.0181		mg/Kg		90	80 - 120	5	30
1,1-Dichloroethane			0.0200	0.0205		mg/Kg		103	77 - 129	4	30
1,1-Dichloroethene			0.0200	0.0214		mg/Kg		107	70 - 132	0	30
1,2-Dichloroethane			0.0200	0.0198		mg/Kg		99	75 - 123	7	30
1,2-Dichloropropane			0.0200	0.0195		mg/Kg		97	73 - 124	4	30
Bromodichloromethane			0.0200	0.0194		mg/Kg		97	73 - 124	4	30
Carbon tetrachloride			0.0200	0.0220		mg/Kg		110	77 - 121	5	30
Chlorobenzene			0.0200	0.0180		mg/Kg		90	80 - 120	1	30
Chloroethane			0.0200	0.0226		mg/Kg		113	68 - 132	3	30
Chloroform			0.0200	0.0202		mg/Kg		101	79 - 126	3	30
Chloromethane			0.0200	0.0212		mg/Kg		106	63 - 130	0	30
cis-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	80 - 123	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872430/5
Matrix: Solid
Analysis Batch: 872430

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
cis-1,3-Dichloropropene			0.0200	0.0175		mg/Kg		88	80 - 120	3	30
Dibromochloromethane			0.0200	0.0172		mg/Kg		86	80 - 120	5	30
Methylene Chloride			0.0200	0.0224		mg/Kg		112	76 - 120	8	30
Tetrachloroethene			0.0200	0.0194		mg/Kg		97	78 - 123	1	30
trans-1,2-Dichloroethene			0.0200	0.0229		mg/Kg		115	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	80 - 120	5	30
Trichloroethene			0.0200	0.0209		mg/Kg		105	79 - 120	1	30
Vinyl chloride			0.0200	0.0207		mg/Kg		103	72 - 131	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 145*
Bromofluorobenzene	*94*		*75 - 139*
Dibromofluoromethane (Surr)	*109*		*73 - 139*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: MB 460-872434/31
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 21:54	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 21:54	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 21:54	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 21:54	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 21:54	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/17/22 21:54	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/17/22 21:54	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/17/22 21:54	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/17/22 21:54	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 21:54	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/17/22 21:54	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/17/22 21:54	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/17/22 21:54	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/17/22 21:54	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 21:54	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/17/22 21:54	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/17/22 21:54	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/17/22 21:54	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/17/22 21:54	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 21:54	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/17/22 21:54	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/17/22 21:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*		*10/17/22 21:54*	*1*
Bromofluorobenzene	*104*		*75 - 139*		*10/17/22 21:54*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 139*		*10/17/22 21:54*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*10/17/22 21:54*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872434/3
Matrix: Solid
Analysis Batch: 872434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0196		mg/Kg		98	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0171		mg/Kg		85	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0187		mg/Kg		93	80 - 120		
1,1-Dichloroethane			0.0200	0.0192		mg/Kg		96	77 - 129		
1,1-Dichloroethene			0.0200	0.0202		mg/Kg		101	70 - 132		
1,2-Dichloroethane			0.0200	0.0187		mg/Kg		93	75 - 123		
1,2-Dichloropropane			0.0200	0.0196		mg/Kg		98	73 - 124		
Bromodichloromethane			0.0200	0.0190		mg/Kg		95	73 - 124		
Carbon tetrachloride			0.0200	0.0200		mg/Kg		100	77 - 121		
Chlorobenzene			0.0200	0.0189		mg/Kg		94	80 - 120		
Chloroethane			0.0200	0.0187		mg/Kg		93	68 - 132		
Chloroform			0.0200	0.0187		mg/Kg		94	79 - 126		
Chloromethane			0.0200	0.0186		mg/Kg		93	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0192		mg/Kg		96	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0196		mg/Kg		98	80 - 120		
Dibromochloromethane			0.0200	0.0192		mg/Kg		96	80 - 120		
Methylene Chloride			0.0200	0.0195		mg/Kg		97	76 - 120		
Tetrachloroethene			0.0200	0.0190		mg/Kg		95	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0192		mg/Kg		96	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0190		mg/Kg		95	80 - 120		
Trichloroethene			0.0200	0.0201		mg/Kg		100	79 - 120		
Vinyl chloride			0.0200	0.0199		mg/Kg		99	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 145*
Bromofluorobenzene	*98*		*75 - 139*
Dibromofluoromethane (Surr)	*105*		*73 - 139*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-872434/4
Matrix: Solid
Analysis Batch: 872434

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
1,1,1-Trichloroethane			0.0200	0.0202		mg/Kg		101	78 - 120	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.0182		mg/Kg		91	66 - 123	7	30
1,1,2-Trichloroethane			0.0200	0.0186		mg/Kg		93	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0198		mg/Kg		99	77 - 129	3	30
1,1-Dichloroethene			0.0200	0.0212		mg/Kg		106	70 - 132	5	30
1,2-Dichloroethane			0.0200	0.0190		mg/Kg		95	75 - 123	2	30
1,2-Dichloropropane			0.0200	0.0198		mg/Kg		99	73 - 124	1	30
Bromodichloromethane			0.0200	0.0192		mg/Kg		96	73 - 124	1	30
Carbon tetrachloride			0.0200	0.0207		mg/Kg		103	77 - 121	4	30
Chlorobenzene			0.0200	0.0187		mg/Kg		93	80 - 120	1	30
Chloroethane			0.0200	0.0207		mg/Kg		103	68 - 132	10	30
Chloroform			0.0200	0.0192		mg/Kg		96	79 - 126	2	30
Chloromethane			0.0200	0.0205		mg/Kg		102	63 - 130	10	30
cis-1,2-Dichloroethene			0.0200	0.0197		mg/Kg		98	80 - 123	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872434/4
Matrix: Solid
Analysis Batch: 872434

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
cis-1,3-Dichloropropene			0.0200	0.0193		mg/Kg		97	80 - 120	1	30
Dibromochloromethane			0.0200	0.0189		mg/Kg		95	80 - 120	1	30
Methylene Chloride			0.0200	0.0197		mg/Kg		99	76 - 120	1	30
Tetrachloroethene			0.0200	0.0196		mg/Kg		98	78 - 123	3	30
trans-1,2-Dichloroethene			0.0200	0.0201		mg/Kg		101	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0188		mg/Kg		94	80 - 120	1	30
Trichloroethene			0.0200	0.0205		mg/Kg		102	79 - 120	2	30
Vinyl chloride			0.0200	0.0224		mg/Kg		112	72 - 131	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 145*
Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*101*		*73 - 139*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 460-872456/8
Matrix: Solid
Analysis Batch: 872456

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 22:05	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 22:05	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 22:05	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/17/22 22:05	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/17/22 22:05	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/17/22 22:05	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/17/22 22:05	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/17/22 22:05	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/17/22 22:05	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/17/22 22:05	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/17/22 22:05	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/17/22 22:05	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/17/22 22:05	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/17/22 22:05	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 22:05	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/17/22 22:05	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/17/22 22:05	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/17/22 22:05	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/17/22 22:05	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/17/22 22:05	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/17/22 22:05	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/17/22 22:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*		*10/17/22 22:05*	*1*
Bromofluorobenzene	*97*		*75 - 139*		*10/17/22 22:05*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*		*10/17/22 22:05*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/17/22 22:05*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872456/3
Matrix: Solid
Analysis Batch: 872456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0226		mg/Kg		113	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0207		mg/Kg		103	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0196		mg/Kg		98	80 - 120		
1,1-Dichloroethane			0.0200	0.0226		mg/Kg		113	77 - 129		
1,1-Dichloroethene			0.0200	0.0233		mg/Kg		116	70 - 132		
1,2-Dichloroethane			0.0200	0.0199		mg/Kg		100	75 - 123		
1,2-Dichloropropane			0.0200	0.0212		mg/Kg		106	73 - 124		
Bromodichloromethane			0.0200	0.0239		mg/Kg		119	73 - 124		
Carbon tetrachloride			0.0200	0.0263	*	mg/Kg		131	77 - 121		
Chlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120		
Chloroethane			0.0200	0.0197		mg/Kg		98	68 - 132		
Chloroform			0.0200	0.0218		mg/Kg		109	79 - 126		
Chloromethane			0.0200	0.0195		mg/Kg		98	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0220		mg/Kg		110	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0201		mg/Kg		100	80 - 120		
Dibromochloromethane			0.0200	0.0285	*	mg/Kg		143	80 - 120		
Methylene Chloride			0.0200	0.0214		mg/Kg		107	76 - 120		
Tetrachloroethene			0.0200	0.0191		mg/Kg		95	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0224		mg/Kg		112	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0200		mg/Kg		100	80 - 120		
Trichloroethene			0.0200	0.0204		mg/Kg		102	79 - 120		
Vinyl chloride			0.0200	0.0208		mg/Kg		104	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 145*
Bromofluorobenzene	*96*		*75 - 139*
Dibromofluoromethane (Surr)	*107*		*73 - 139*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 460-872456/4
Matrix: Solid
Analysis Batch: 872456

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
1,1,1-Trichloroethane			0.0200	0.0245	*	mg/Kg		123	78 - 120	8	30
1,1,2,2-Tetrachloroethane			0.0200	0.0203		mg/Kg		102	66 - 123	2	30
1,1,2-Trichloroethane			0.0200	0.0197		mg/Kg		99	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0235		mg/Kg		118	77 - 129	4	30
1,1-Dichloroethene			0.0200	0.0234		mg/Kg		117	70 - 132	0	30
1,2-Dichloroethane			0.0200	0.0204		mg/Kg		102	75 - 123	2	30
1,2-Dichloropropane			0.0200	0.0215		mg/Kg		107	73 - 124	1	30
Bromodichloromethane			0.0200	0.0236		mg/Kg		118	73 - 124	1	30
Carbon tetrachloride			0.0200	0.0297	*	mg/Kg		148	77 - 121	12	30
Chlorobenzene			0.0200	0.0193		mg/Kg		96	80 - 120	2	30
Chloroethane			0.0200	0.0204		mg/Kg		102	68 - 132	3	30
Chloroform			0.0200	0.0218		mg/Kg		109	79 - 126	0	30
Chloromethane			0.0200	0.0188		mg/Kg		94	63 - 130	4	30
cis-1,2-Dichloroethene			0.0200	0.0222		mg/Kg		111	80 - 123	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872456/4
Matrix: Solid
Analysis Batch: 872456

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
cis-1,3-Dichloropropene			0.0200	0.0198		mg/Kg		99	80 - 120	1	30
Dibromochloromethane			0.0200	0.0287	*	mg/Kg		143	80 - 120	1	30
Methylene Chloride			0.0200	0.0212		mg/Kg		106	76 - 120	1	30
Tetrachloroethene			0.0200	0.0199		mg/Kg		100	78 - 123	4	30
trans-1,2-Dichloroethene			0.0200	0.0225		mg/Kg		113	78 - 120	1	30
trans-1,3-Dichloropropene			0.0200	0.0193		mg/Kg		97	80 - 120	3	30
Trichloroethene			0.0200	0.0206		mg/Kg		103	79 - 120	1	30
Vinyl chloride			0.0200	0.0221		mg/Kg		111	72 - 131	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*
Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*107*		*73 - 139*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 460-872520/9
Matrix: Solid
Analysis Batch: 872520

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/18/22 09:20	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/18/22 09:20	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/18/22 09:20	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/18/22 09:20	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/18/22 09:20	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/18/22 09:20	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/18/22 09:20	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/18/22 09:20	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/18/22 09:20	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/18/22 09:20	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/18/22 09:20	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/18/22 09:20	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/18/22 09:20	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/18/22 09:20	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/18/22 09:20	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/18/22 09:20	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/18/22 09:20	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/18/22 09:20	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/18/22 09:20	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/18/22 09:20	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/18/22 09:20	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/18/22 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*		*10/18/22 09:20*	*1*
Bromofluorobenzene	*99*		*75 - 139*		*10/18/22 09:20*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*		*10/18/22 09:20*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/18/22 09:20*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872520/4
Matrix: Solid
Analysis Batch: 872520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0204		mg/Kg		102	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0170		mg/Kg		85	66 - 123
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		92	80 - 120
1,1-Dichloroethane	0.0200	0.0202		mg/Kg		101	77 - 129
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		105	70 - 132
1,2-Dichloroethane	0.0200	0.0189		mg/Kg		94	75 - 123
1,2-Dichloropropane	0.0200	0.0210		mg/Kg		105	73 - 124
Bromodichloromethane	0.0200	0.0197		mg/Kg		98	73 - 124
Carbon tetrachloride	0.0200	0.0203		mg/Kg		101	77 - 121
Chlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
Chloroethane	0.0200	0.0213		mg/Kg		107	68 - 132
Chloroform	0.0200	0.0196		mg/Kg		98	79 - 126
Chloromethane	0.0200	0.0216		mg/Kg		108	63 - 130
cis-1,2-Dichloroethene	0.0200	0.0199		mg/Kg		100	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	80 - 120
Dibromochloromethane	0.0200	0.0186		mg/Kg		93	80 - 120
Methylene Chloride	0.0200	0.0203		mg/Kg		101	76 - 120
Tetrachloroethene	0.0200	0.0193		mg/Kg		97	78 - 123
trans-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		93	80 - 120
Trichloroethene	0.0200	0.0210		mg/Kg		105	79 - 120
Vinyl chloride	0.0200	0.0229		mg/Kg		114	72 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*
Bromofluorobenzene	*101*		*75 - 139*
Dibromofluoromethane (Surr)	*109*		*73 - 139*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: LCSD 460-872520/5
Matrix: Solid
Analysis Batch: 872520

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
1,1,1-Trichloroethane	0.0200	0.0198		mg/Kg		99	78 - 120	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0164		mg/Kg		82	66 - 123	4	30
1,1,2-Trichloroethane	0.0200	0.0180		mg/Kg		90	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0197		mg/Kg		98	77 - 129	2	30
1,1-Dichloroethene	0.0200	0.0209		mg/Kg		104	70 - 132	1	30
1,2-Dichloroethane	0.0200	0.0186		mg/Kg		93	75 - 123	2	30
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		101	73 - 124	3	30
Bromodichloromethane	0.0200	0.0191		mg/Kg		95	73 - 124	3	30
Carbon tetrachloride	0.0200	0.0199		mg/Kg		100	77 - 121	2	30
Chlorobenzene	0.0200	0.0181		mg/Kg		91	80 - 120	4	30
Chloroethane	0.0200	0.0199		mg/Kg		100	68 - 132	7	30
Chloroform	0.0200	0.0193		mg/Kg		96	79 - 126	2	30
Chloromethane	0.0200	0.0199		mg/Kg		100	63 - 130	8	30
cis-1,2-Dichloroethene	0.0200	0.0197		mg/Kg		99	80 - 123	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872520/5
Matrix: Solid
Analysis Batch: 872520

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
cis-1,3-Dichloropropene			0.0200	0.0188		mg/Kg		94	80 - 120	5	30
Dibromochloromethane			0.0200	0.0178		mg/Kg		89	80 - 120	4	30
Methylene Chloride			0.0200	0.0201		mg/Kg		100	76 - 120	1	30
Tetrachloroethene			0.0200	0.0187		mg/Kg		94	78 - 123	3	30
trans-1,2-Dichloroethene			0.0200	0.0203		mg/Kg		102	78 - 120	1	30
trans-1,3-Dichloropropene			0.0200	0.0182		mg/Kg		91	80 - 120	2	30
Trichloroethene			0.0200	0.0202		mg/Kg		101	79 - 120	4	30
Vinyl chloride			0.0200	0.0215		mg/Kg		108	72 - 131	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 145*
Bromofluorobenzene	*95*		*75 - 139*
Dibromofluoromethane (Surr)	*106*		*73 - 139*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 460-872551/8
Matrix: Solid
Analysis Batch: 872551

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			10/18/22 10:57	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			10/18/22 10:57	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			10/18/22 10:57	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			10/18/22 10:57	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/18/22 10:57	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			10/18/22 10:57	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			10/18/22 10:57	50
Bromodichloromethane	0.050	U	0.050	0.0075	mg/Kg			10/18/22 10:57	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			10/18/22 10:57	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			10/18/22 10:57	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			10/18/22 10:57	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			10/18/22 10:57	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			10/18/22 10:57	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/18/22 10:57	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/18/22 10:57	50
Dibromochloromethane	0.050	U	0.050	0.011	mg/Kg			10/18/22 10:57	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			10/18/22 10:57	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			10/18/22 10:57	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			10/18/22 10:57	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/18/22 10:57	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			10/18/22 10:57	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			10/18/22 10:57	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*68 - 150*		*10/18/22 10:57*	*50*
Bromofluorobenzene	*86*		*70 - 150*		*10/18/22 10:57*	*50*
Dibromofluoromethane (Surr)	*97*		*68 - 150*		*10/18/22 10:57*	*50*
Toluene-d8 (Surr)	*97*		*80 - 147*		*10/18/22 10:57*	*50*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872551/3
Matrix: Solid
Analysis Batch: 872551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			1.00	1.03		mg/Kg		103	80 - 121		
1,1,2,2-Tetrachloroethane			1.00	1.07		mg/Kg		107	74 - 138		
1,1,2-Trichloroethane			1.00	0.932		mg/Kg		93	79 - 120		
1,1-Dichloroethane			1.00	0.928		mg/Kg		93	79 - 124		
1,1-Dichloroethene			1.00	0.917		mg/Kg		92	72 - 128		
1,2-Dichloroethane			1.00	0.892		mg/Kg		89	75 - 124		
1,2-Dichloropropane			1.00	1.08		mg/Kg		108	78 - 125		
Bromodichloromethane			1.00	0.978		mg/Kg		98	77 - 120		
Carbon tetrachloride			1.00	0.990		mg/Kg		99	77 - 123		
Chlorobenzene			1.00	0.944		mg/Kg		94	80 - 120		
Chloroethane			1.00	1.13		mg/Kg		113	68 - 133		
Chloroform			1.00	0.943		mg/Kg		94	80 - 120		
Chloromethane			1.00	1.18		mg/Kg		118	63 - 130		
cis-1,2-Dichloroethene			1.00	0.901		mg/Kg		90	80 - 120		
cis-1,3-Dichloropropene			1.00	0.924		mg/Kg		92	80 - 120		
Dibromochloromethane			1.00	0.894		mg/Kg		89	80 - 120		
Methylene Chloride			1.00	1.19		mg/Kg		119	74 - 120		
Tetrachloroethene			1.00	0.965		mg/Kg		97	77 - 120		
trans-1,2-Dichloroethene			1.00	0.870		mg/Kg		87	77 - 120		
trans-1,3-Dichloropropene			1.00	0.979		mg/Kg		98	80 - 120		
Trichloroethene			1.00	1.03		mg/Kg		103	77 - 120		
Vinyl chloride			1.00	1.09		mg/Kg		109	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*68 - 150*
Bromofluorobenzene	*93*		*70 - 150*
Dibromofluoromethane (Surr)	*91*		*68 - 150*
Toluene-d8 (Surr)	*96*		*80 - 147*

Lab Sample ID: LCSD 460-872551/4
Matrix: Solid
Analysis Batch: 872551

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
1,1,1-Trichloroethane			1.00	0.982		mg/Kg		98	80 - 121	4	30
1,1,2,2-Tetrachloroethane			1.00	1.06		mg/Kg		106	74 - 138	0	30
1,1,2-Trichloroethane			1.00	0.910		mg/Kg		91	79 - 120	2	30
1,1-Dichloroethane			1.00	0.930		mg/Kg		93	79 - 124	0	30
1,1-Dichloroethene			1.00	0.972		mg/Kg		97	72 - 128	6	30
1,2-Dichloroethane			1.00	0.885		mg/Kg		89	75 - 124	1	30
1,2-Dichloropropane			1.00	1.04		mg/Kg		104	78 - 125	4	30
Bromodichloromethane			1.00	0.963		mg/Kg		96	77 - 120	2	30
Carbon tetrachloride			1.00	0.953		mg/Kg		95	77 - 123	4	30
Chlorobenzene			1.00	0.905		mg/Kg		90	80 - 120	4	30
Chloroethane			1.00	1.06		mg/Kg		106	68 - 133	7	30
Chloroform			1.00	0.951		mg/Kg		95	80 - 120	1	30
Chloromethane			1.00	1.07		mg/Kg		107	63 - 130	10	30
cis-1,2-Dichloroethene			1.00	0.915		mg/Kg		91	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872551/4
Matrix: Solid
Analysis Batch: 872551

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
cis-1,3-Dichloropropene			1.00	0.904		mg/Kg		90	80 - 120	2	30
Dibromochloromethane			1.00	0.886		mg/Kg		89	80 - 120	1	30
Methylene Chloride			1.00	1.10		mg/Kg		110	74 - 120	7	30
Tetrachloroethene			1.00	0.950		mg/Kg		95	77 - 120	2	30
trans-1,2-Dichloroethene			1.00	0.904		mg/Kg		90	77 - 120	4	30
trans-1,3-Dichloropropene			1.00	0.972		mg/Kg		97	80 - 120	1	30
Trichloroethene			1.00	0.982		mg/Kg		98	77 - 120	5	30
Vinyl chloride			1.00	1.00		mg/Kg		100	72 - 131	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*68 - 150*
Bromofluorobenzene	*90*		*70 - 150*
Dibromofluoromethane (Surr)	*93*		*68 - 150*
Toluene-d8 (Surr)	*95*		*80 - 147*

Lab Sample ID: MB 460-872654/9
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/18/22 21:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/18/22 21:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/18/22 21:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/18/22 21:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/18/22 21:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/18/22 21:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/18/22 21:31	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/18/22 21:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/18/22 21:31	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/18/22 21:31	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/18/22 21:31	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/18/22 21:31	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/18/22 21:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/18/22 21:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/18/22 21:31	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/18/22 21:31	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/18/22 21:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/18/22 21:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/18/22 21:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/18/22 21:31	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/18/22 21:31	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/18/22 21:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 145*		*10/18/22 21:31*	*1*
Bromofluorobenzene	*102*		*75 - 139*		*10/18/22 21:31*	*1*
Dibromofluoromethane (Surr)	*120*		*73 - 139*		*10/18/22 21:31*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/18/22 21:31*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872654/4
Matrix: Solid
Analysis Batch: 872654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0218		mg/Kg		109	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0175		mg/Kg		87	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0184		mg/Kg		92	80 - 120		
1,1-Dichloroethane			0.0200	0.0221		mg/Kg		111	77 - 129		
1,1-Dichloroethene			0.0200	0.0234		mg/Kg		117	70 - 132		
1,2-Dichloroethane			0.0200	0.0208		mg/Kg		104	75 - 123		
1,2-Dichloropropane			0.0200	0.0218		mg/Kg		109	73 - 124		
Bromodichloromethane			0.0200	0.0208		mg/Kg		104	73 - 124		
Carbon tetrachloride			0.0200	0.0218		mg/Kg		109	77 - 121		
Chlorobenzene			0.0200	0.0183		mg/Kg		91	80 - 120		
Chloroethane			0.0200	0.0218		mg/Kg		109	68 - 132		
Chloroform			0.0200	0.0211		mg/Kg		105	79 - 126		
Chloromethane			0.0200	0.0222		mg/Kg		111	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0216		mg/Kg		108	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		93	80 - 120		
Dibromochloromethane			0.0200	0.0177		mg/Kg		88	80 - 120		
Methylene Chloride			0.0200	0.0225		mg/Kg		113	76 - 120		
Tetrachloroethene			0.0200	0.0180		mg/Kg		90	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0220		mg/Kg		110	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	80 - 120		
Trichloroethene			0.0200	0.0218		mg/Kg		109	79 - 120		
Vinyl chloride			0.0200	0.0235		mg/Kg		117	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*
Bromofluorobenzene	*99*		*75 - 139*
Dibromofluoromethane (Surr)	*118*		*73 - 139*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-872654/5
Matrix: Solid
Analysis Batch: 872654

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
1,1,1-Trichloroethane			0.0200	0.0205		mg/Kg		102	78 - 120	6	30
1,1,2,2-Tetrachloroethane			0.0200	0.0166		mg/Kg		83	66 - 123	5	30
1,1,2-Trichloroethane			0.0200	0.0177		mg/Kg		88	80 - 120	4	30
1,1-Dichloroethane			0.0200	0.0205		mg/Kg		103	77 - 129	8	30
1,1-Dichloroethene			0.0200	0.0218		mg/Kg		109	70 - 132	7	30
1,2-Dichloroethane			0.0200	0.0194		mg/Kg		97	75 - 123	7	30
1,2-Dichloropropane			0.0200	0.0207		mg/Kg		103	73 - 124	6	30
Bromodichloromethane			0.0200	0.0193		mg/Kg		96	73 - 124	8	30
Carbon tetrachloride			0.0200	0.0207		mg/Kg		104	77 - 121	5	30
Chlorobenzene			0.0200	0.0178		mg/Kg		89	80 - 120	2	30
Chloroethane			0.0200	0.0190		mg/Kg		95	68 - 132	14	30
Chloroform			0.0200	0.0199		mg/Kg		99	79 - 126	6	30
Chloromethane			0.0200	0.0189		mg/Kg		95	63 - 130	16	30
cis-1,2-Dichloroethene			0.0200	0.0203		mg/Kg		102	80 - 123	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872654/5
Matrix: Solid
Analysis Batch: 872654

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
cis-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	80 - 120	0	30
Dibromochloromethane			0.0200	0.0174		mg/Kg		87	80 - 120	1	30
Methylene Chloride			0.0200	0.0203		mg/Kg		101	76 - 120	10	30
Tetrachloroethene			0.0200	0.0185		mg/Kg		93	78 - 123	3	30
trans-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		102	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	80 - 120	2	30
Trichloroethene			0.0200	0.0208		mg/Kg		104	79 - 120	4	30
Vinyl chloride			0.0200	0.0207		mg/Kg		103	72 - 131	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*
Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*114*		*73 - 139*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 460-872711/9
Matrix: Solid
Analysis Batch: 872711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			10/19/22 00:07	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			10/19/22 00:07	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			10/19/22 00:07	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			10/19/22 00:07	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/19/22 00:07	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			10/19/22 00:07	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			10/19/22 00:07	50
Bromodichloromethane	0.050	U	0.050	0.0075	mg/Kg			10/19/22 00:07	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			10/19/22 00:07	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			10/19/22 00:07	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			10/19/22 00:07	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			10/19/22 00:07	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			10/19/22 00:07	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/19/22 00:07	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/19/22 00:07	50
Dibromochloromethane	0.050	U	0.050	0.011	mg/Kg			10/19/22 00:07	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			10/19/22 00:07	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			10/19/22 00:07	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			10/19/22 00:07	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/19/22 00:07	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			10/19/22 00:07	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			10/19/22 00:07	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*68 - 150*		*10/19/22 00:07*	*50*
Bromofluorobenzene	*89*		*70 - 150*		*10/19/22 00:07*	*50*
Dibromofluoromethane (Surr)	*91*		*68 - 150*		*10/19/22 00:07*	*50*
Toluene-d8 (Surr)	*99*		*80 - 147*		*10/19/22 00:07*	*50*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872711/4
Matrix: Solid
Analysis Batch: 872711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			1.00	1.12		mg/Kg		112	80 - 121		
1,1,2,2-Tetrachloroethane			1.00	1.13		mg/Kg		113	74 - 138		
1,1,2-Trichloroethane			1.00	1.12		mg/Kg		112	79 - 120		
1,1-Dichloroethane			1.00	1.17		mg/Kg		117	79 - 124		
1,1-Dichloroethene			1.00	1.13		mg/Kg		113	72 - 128		
1,2-Dichloroethane			1.00	1.04		mg/Kg		104	75 - 124		
1,2-Dichloropropane			1.00	1.24		mg/Kg		124	78 - 125		
Bromodichloromethane			1.00	1.09		mg/Kg		109	77 - 120		
Carbon tetrachloride			1.00	1.07		mg/Kg		107	77 - 123		
Chlorobenzene			1.00	1.03		mg/Kg		103	80 - 120		
Chloroethane			1.00	1.10		mg/Kg		110	68 - 133		
Chloroform			1.00	1.10		mg/Kg		110	80 - 120		
Chloromethane			1.00	1.13		mg/Kg		113	63 - 130		
cis-1,2-Dichloroethene			1.00	1.02		mg/Kg		102	80 - 120		
cis-1,3-Dichloropropene			1.00	1.08		mg/Kg		108	80 - 120		
Dibromochloromethane			1.00	0.996		mg/Kg		100	80 - 120		
Methylene Chloride			1.00	1.34	*	mg/Kg		134	74 - 120		
Tetrachloroethene			1.00	1.13		mg/Kg		113	77 - 120		
trans-1,2-Dichloroethene			1.00	1.11		mg/Kg		111	77 - 120		
trans-1,3-Dichloropropene			1.00	1.17		mg/Kg		117	80 - 120		
Trichloroethene			1.00	1.19		mg/Kg		119	77 - 120		
Vinyl chloride			1.00	1.04		mg/Kg		104	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*68 - 150*
Bromofluorobenzene	*97*		*70 - 150*
Dibromofluoromethane (Surr)	*101*		*68 - 150*
Toluene-d8 (Surr)	*104*		*80 - 147*

Lab Sample ID: LCSD 460-872711/5
Matrix: Solid
Analysis Batch: 872711

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
1,1,1-Trichloroethane			1.00	0.931		mg/Kg		93	80 - 121	18	30
1,1,2,2-Tetrachloroethane			1.00	1.13		mg/Kg		113	74 - 138	1	30
1,1,2-Trichloroethane			1.00	0.917		mg/Kg		92	79 - 120	20	30
1,1-Dichloroethane			1.00	0.908		mg/Kg		91	79 - 124	25	30
1,1-Dichloroethene			1.00	0.769	*	mg/Kg		77	72 - 128	38	30
1,2-Dichloroethane			1.00	0.874		mg/Kg		87	75 - 124	18	30
1,2-Dichloropropane			1.00	0.963		mg/Kg		96	78 - 125	25	30
Bromodichloromethane			1.00	0.831		mg/Kg		83	77 - 120	27	30
Carbon tetrachloride			1.00	0.824		mg/Kg		82	77 - 123	26	30
Chlorobenzene			1.00	0.919		mg/Kg		92	80 - 120	12	30
Chloroethane			1.00	0.938		mg/Kg		94	68 - 133	16	30
Chloroform			1.00	0.875		mg/Kg		87	80 - 120	23	30
Chloromethane			1.00	0.973		mg/Kg		97	63 - 130	15	30
cis-1,2-Dichloroethene			1.00	0.863		mg/Kg		86	80 - 120	16	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872711/5
Matrix: Solid
Analysis Batch: 872711

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
cis-1,3-Dichloropropene			1.00	0.865		mg/Kg		86	80 - 120	22	30
Dibromochloromethane			1.00	0.849		mg/Kg		85	80 - 120	16	30
Methylene Chloride			1.00	1.08		mg/Kg		108	74 - 120	21	30
Tetrachloroethene			1.00	0.936		mg/Kg		94	77 - 120	19	30
trans-1,2-Dichloroethene			1.00	0.864		mg/Kg		86	77 - 120	25	30
trans-1,3-Dichloropropene			1.00	0.962		mg/Kg		96	80 - 120	20	30
Trichloroethene			1.00	0.928		mg/Kg		93	77 - 120	25	30
Vinyl chloride			1.00	0.846		mg/Kg		85	72 - 131	20	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*68 - 150*
Bromofluorobenzene	*88*		*70 - 150*
Dibromofluoromethane (Surr)	*86*		*68 - 150*
Toluene-d8 (Surr)	*91*		*80 - 147*

Lab Sample ID: MB 460-872987/8
Matrix: Solid
Analysis Batch: 872987

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/20/22 07:53	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/20/22 07:53	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			10/20/22 07:53	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			10/20/22 07:53	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/20/22 07:53	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/20/22 07:53	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/20/22 07:53	1
Bromodichloromethane	0.0010	U	0.0010	0.00026	mg/Kg			10/20/22 07:53	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/20/22 07:53	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			10/20/22 07:53	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/20/22 07:53	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/20/22 07:53	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/20/22 07:53	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/20/22 07:53	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/20/22 07:53	1
Dibromochloromethane	0.0010	U	0.0010	0.00019	mg/Kg			10/20/22 07:53	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/20/22 07:53	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/20/22 07:53	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/20/22 07:53	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/20/22 07:53	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/20/22 07:53	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/20/22 07:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 145*		*10/20/22 07:53*	*1*
Bromofluorobenzene	*110*		*75 - 139*		*10/20/22 07:53*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 139*		*10/20/22 07:53*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*10/20/22 07:53*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-872987/3
Matrix: Solid
Analysis Batch: 872987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0200	0.0169		mg/Kg		85	78 - 120		
1,1,2,2-Tetrachloroethane			0.0200	0.0187		mg/Kg		93	66 - 123		
1,1,2-Trichloroethane			0.0200	0.0200		mg/Kg		100	80 - 120		
1,1-Dichloroethane			0.0200	0.0184		mg/Kg		92	77 - 129		
1,1-Dichloroethene			0.0200	0.0174		mg/Kg		87	70 - 132		
1,2-Dichloroethane			0.0200	0.0174		mg/Kg		87	75 - 123		
1,2-Dichloropropane			0.0200	0.0190		mg/Kg		95	73 - 124		
Bromodichloromethane			0.0200	0.0168		mg/Kg		84	73 - 124		
Carbon tetrachloride			0.0200	0.0169		mg/Kg		85	77 - 121		
Chlorobenzene			0.0200	0.0195		mg/Kg		97	80 - 120		
Chloroethane			0.0200	0.0186		mg/Kg		93	68 - 132		
Chloroform			0.0200	0.0166		mg/Kg		83	79 - 126		
Chloromethane			0.0200	0.0202		mg/Kg		101	63 - 130		
cis-1,2-Dichloroethene			0.0200	0.0164		mg/Kg		82	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0213		mg/Kg		107	80 - 120		
Dibromochloromethane			0.0200	0.0190		mg/Kg		95	80 - 120		
Methylene Chloride			0.0200	0.0171		mg/Kg		85	76 - 120		
Tetrachloroethene			0.0200	0.0184		mg/Kg		92	78 - 123		
trans-1,2-Dichloroethene			0.0200	0.0165		mg/Kg		83	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0204		mg/Kg		102	80 - 120		
Trichloroethene			0.0200	0.0171		mg/Kg		85	79 - 120		
Vinyl chloride			0.0200	0.0188		mg/Kg		94	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 145*
Bromofluorobenzene	*106*		*75 - 139*
Dibromofluoromethane (Surr)	*91*		*73 - 139*
Toluene-d8 (Surr)	*113*		*80 - 120*

Lab Sample ID: LCSD 460-872987/4
Matrix: Solid
Analysis Batch: 872987

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
1,1,1-Trichloroethane			0.0200	0.0168		mg/Kg		84	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0197		mg/Kg		98	66 - 123	5	30
1,1,2-Trichloroethane			0.0200	0.0200		mg/Kg		100	80 - 120	0	30
1,1-Dichloroethane			0.0200	0.0185		mg/Kg		92	77 - 129	0	30
1,1-Dichloroethene			0.0200	0.0171		mg/Kg		85	70 - 132	2	30
1,2-Dichloroethane			0.0200	0.0175		mg/Kg		87	75 - 123	0	30
1,2-Dichloropropane			0.0200	0.0192		mg/Kg		96	73 - 124	1	30
Bromodichloromethane			0.0200	0.0172		mg/Kg		86	73 - 124	2	30
Carbon tetrachloride			0.0200	0.0170		mg/Kg		85	77 - 121	0	30
Chlorobenzene			0.0200	0.0199		mg/Kg		99	80 - 120	2	30
Chloroethane			0.0200	0.0195		mg/Kg		97	68 - 132	4	30
Chloroform			0.0200	0.0169		mg/Kg		84	79 - 126	1	30
Chloromethane			0.0200	0.0211		mg/Kg		105	63 - 130	4	30
cis-1,2-Dichloroethene			0.0200	0.0167		mg/Kg		83	80 - 123	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-872987/4
Matrix: Solid
Analysis Batch: 872987

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
cis-1,3-Dichloropropene			0.0200	0.0219		mg/Kg		110	80 - 120	3	30
Dibromochloromethane			0.0200	0.0190		mg/Kg		95	80 - 120	0	30
Methylene Chloride			0.0200	0.0175		mg/Kg		87	76 - 120	2	30
Tetrachloroethene			0.0200	0.0189		mg/Kg		94	78 - 123	2	30
trans-1,2-Dichloroethene			0.0200	0.0169		mg/Kg		84	78 - 120	2	30
trans-1,3-Dichloropropene			0.0200	0.0207		mg/Kg		103	80 - 120	1	30
Trichloroethene			0.0200	0.0176		mg/Kg		88	79 - 120	3	30
Vinyl chloride			0.0200	0.0196		mg/Kg		98	72 - 131	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 145*
Bromofluorobenzene	*109*		*75 - 139*
Dibromofluoromethane (Surr)	*95*		*73 - 139*
Toluene-d8 (Surr)	*115*		*80 - 120*

Lab Sample ID: MB 460-873205/10
Matrix: Solid
Analysis Batch: 873205

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			10/21/22 01:04	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			10/21/22 01:04	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			10/21/22 01:04	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			10/21/22 01:04	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/21/22 01:04	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			10/21/22 01:04	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			10/21/22 01:04	50
Bromodichloromethane	0.050	U	0.050	0.0075	mg/Kg			10/21/22 01:04	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			10/21/22 01:04	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			10/21/22 01:04	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			10/21/22 01:04	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			10/21/22 01:04	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			10/21/22 01:04	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			10/21/22 01:04	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/21/22 01:04	50
Dibromochloromethane	0.050	U	0.050	0.011	mg/Kg			10/21/22 01:04	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			10/21/22 01:04	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			10/21/22 01:04	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			10/21/22 01:04	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			10/21/22 01:04	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			10/21/22 01:04	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			10/21/22 01:04	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*68 - 150*		*10/21/22 01:04*	*50*
Bromofluorobenzene	*97*		*70 - 150*		*10/21/22 01:04*	*50*
Dibromofluoromethane (Surr)	*105*		*68 - 150*		*10/21/22 01:04*	*50*
Toluene-d8 (Surr)	*101*		*80 - 147*		*10/21/22 01:04*	*50*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 460-873205/4
Matrix: Solid
Analysis Batch: 873205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			1.00	0.945		mg/Kg		94	80 - 121		
1,1,2,2-Tetrachloroethane			1.00	1.04		mg/Kg		104	74 - 138		
1,1,2-Trichloroethane			1.00	0.979		mg/Kg		98	79 - 120		
1,1-Dichloroethane			1.00	0.958		mg/Kg		96	79 - 124		
1,1-Dichloroethene			1.00	0.934		mg/Kg		93	72 - 128		
1,2-Dichloroethane			1.00	0.969		mg/Kg		97	75 - 124		
1,2-Dichloropropane			1.00	1.04		mg/Kg		104	78 - 125		
Bromodichloromethane			1.00	0.977		mg/Kg		98	77 - 120		
Carbon tetrachloride			1.00	1.00		mg/Kg		100	77 - 123		
Chlorobenzene			1.00	1.02		mg/Kg		102	80 - 120		
Chloroethane			1.00	0.958		mg/Kg		96	68 - 133		
Chloroform			1.00	0.937		mg/Kg		94	80 - 120		
Chloromethane			1.00	0.896		mg/Kg		90	63 - 130		
cis-1,2-Dichloroethene			1.00	0.946		mg/Kg		95	80 - 120		
cis-1,3-Dichloropropene			1.00	1.01		mg/Kg		101	80 - 120		
Dibromochloromethane			1.00	0.965		mg/Kg		97	80 - 120		
Methylene Chloride			1.00	1.03		mg/Kg		103	74 - 120		
Tetrachloroethene			1.00	1.02		mg/Kg		102	77 - 120		
trans-1,2-Dichloroethene			1.00	0.912		mg/Kg		91	77 - 120		
trans-1,3-Dichloropropene			1.00	1.10		mg/Kg		110	80 - 120		
Trichloroethene			1.00	0.996		mg/Kg		100	77 - 120		
Vinyl chloride			1.00	0.923		mg/Kg		92	72 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*68 - 150*
Bromofluorobenzene	*100*		*70 - 150*
Dibromofluoromethane (Surr)	*99*		*68 - 150*
Toluene-d8 (Surr)	*101*		*80 - 147*

Lab Sample ID: LCSD 460-873205/5
Matrix: Solid
Analysis Batch: 873205

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
1,1,1-Trichloroethane			1.00	1.06		mg/Kg		106	80 - 121	11	30
1,1,2,2-Tetrachloroethane			1.00	1.11		mg/Kg		111	74 - 138	7	30
1,1,2-Trichloroethane			1.00	1.10		mg/Kg		110	79 - 120	12	30
1,1-Dichloroethane			1.00	1.04		mg/Kg		104	79 - 124	9	30
1,1-Dichloroethene			1.00	1.06		mg/Kg		106	72 - 128	13	30
1,2-Dichloroethane			1.00	1.02		mg/Kg		102	75 - 124	5	30
1,2-Dichloropropane			1.00	1.12		mg/Kg		112	78 - 125	8	30
Bromodichloromethane			1.00	1.07		mg/Kg		107	77 - 120	9	30
Carbon tetrachloride			1.00	1.11		mg/Kg		111	77 - 123	10	30
Chlorobenzene			1.00	1.10		mg/Kg		110	80 - 120	8	30
Chloroethane			1.00	1.06		mg/Kg		106	68 - 133	10	30
Chloroform			1.00	1.03		mg/Kg		103	80 - 120	10	30
Chloromethane			1.00	0.978		mg/Kg		98	63 - 130	9	30
cis-1,2-Dichloroethene			1.00	1.05		mg/Kg		105	80 - 120	11	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-873205/5
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 873205

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			1.00	1.10		mg/Kg		110	80 - 120	8	30
Dibromochloromethane			1.00	1.10		mg/Kg		110	80 - 120	13	30
Methylene Chloride			1.00	1.08		mg/Kg		108	74 - 120	5	30
Tetrachloroethene			1.00	1.18		mg/Kg		118	77 - 120	14	30
trans-1,2-Dichloroethene			1.00	1.02		mg/Kg		102	77 - 120	11	30
trans-1,3-Dichloropropene			1.00	1.21	*	mg/Kg		121	80 - 120	9	30
Trichloroethene			1.00	1.08		mg/Kg		108	77 - 120	9	30
Vinyl chloride			1.00	1.05		mg/Kg		105	72 - 131	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*68 - 150*
Bromofluorobenzene	*99*		*70 - 150*
Dibromofluoromethane (Surr)	*96*		*68 - 150*
Toluene-d8 (Surr)	*99*		*80 - 147*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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

GC/MS VOA

Analysis Batch: 871835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-22	L3-FB-01_20221012	Total/NA	Water	8260D	
460-267360-23	L3-TB-01_20221012	Total/NA	Water	8260D	
MB 460-871835/8	Method Blank	Total/NA	Water	8260D	
LCS 460-871835/3	Lab Control Sample	Total/NA	Water	8260D	
460-267283-C-5 MS	Matrix Spike	Total/NA	Water	8260D	
460-267283-C-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Prep Batch: 871955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-1	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	5035	
460-267360-2	L2-RI-SB-10B_16-18_20221012	Total/NA	Solid	5035	
460-267360-3	L2-RI-SB-10B_18-20_20221012	Total/NA	Solid	5035	
460-267360-4	L2-RI-SB-10B_20-22_20221012	Total/NA	Solid	5035	
460-267360-5	L2-RI-SB-10B_22-24_20221012	Total/NA	Solid	5035	
460-267360-6	L2-RI-SB-10B_24-26_20221012	Total/NA	Solid	5035	
460-267360-7	L2-RI-SB-10B_26-28_20221012	Total/NA	Solid	5035	
460-267360-8	L2-RI-SB-10B_28-30_20221012	Total/NA	Solid	5035	
460-267360-9	L2-RI-SB-10B_30-32_20221012	Total/NA	Solid	5035	
460-267360-10	L2-RI-SB-10B_32-34_20221012	Total/NA	Solid	5035	
460-267360-11	L3-SB-X1_20221012	Total/NA	Solid	5035	
460-267360-12	L3-RI-SB-2B_15-16_20221012	Total/NA	Solid	5035	
460-267360-13	L3-RI-SB-2B_16-18_20221012	Total/NA	Solid	5035	
460-267360-14	L3-RI-SB-2B_18-20_20221012	Total/NA	Solid	5035	
460-267360-15	L3-RI-SB-2B_20-22_20221012	Total/NA	Solid	5035	
460-267360-16	L3-RI-SB-2B_22-24_20221012	Total/NA	Solid	5035	
460-267360-17	L3-RI-SB-2B_24-26_20221012	Total/NA	Solid	5035	
460-267360-18	L3-RI-SB-2B_26-28_20221012	Total/NA	Solid	5035	
460-267360-19	L3-RI-SB-2B_28-30_20221012	Total/NA	Solid	5035	
460-267360-20	L3-RI-SB-2B_30-32_20221012	Total/NA	Solid	5035	
460-267360-21	L3-RI-SB-2B_32-34_20221012	Total/NA	Solid	5035	
LB3 460-871955/1-A	Method Blank	Total/NA	Solid	5035	
460-267360-1 MS	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	5035	
460-267360-1 MSD	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	5035	

Prep Batch: 872115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-1	L3-PP-SB-1_5-6_20221013	Total/NA	Solid	5035	

Prep Batch: 872117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-2	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	5035	
460-267458-3	L3-PP-SB-1_8-10_20221013	Total/NA	Solid	5035	
460-267458-4	L3-PP-SB-1_10-12_20221013	Total/NA	Solid	5035	
460-267458-5	L3-PP-SB-1_12-14_20221013	Total/NA	Solid	5035	
460-267458-6	L3-PP-SB-1_14-15_20221013	Total/NA	Solid	5035	
460-267458-11	L3-SB-X2_20221013	Total/NA	Solid	5035	
LB3 460-872117/1-A	Method Blank	Total/NA	Solid	5035	
460-267458-2 MS	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	5035	
460-267458-2 MSD	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	5035	

GC/MS VOA

Prep Batch: 872149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-3	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	5035	
460-267521-3 MS	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	5035	
460-267521-3 MSD	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	5035	

Prep Batch: 872153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-4	L3-SB-X4_20221013	Total/NA	Solid	5035	
460-267521-5	L3-PP-SB-2_6-8_20221013	Total/NA	Solid	5035	
460-267521-6	L3-PP-SB-2_8-10_20221013	Total/NA	Solid	5035	
460-267521-7	L3-PP-SB-2_10-12_20221013	Total/NA	Solid	5035	
460-267521-8	L3-PP-SB-2_12-14_20221013	Total/NA	Solid	5035	
460-267521-9	L3-PP-SB-2_14-15_20221013	Total/NA	Solid	5035	
LB3 460-872153/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 872160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-12	L3-FB-02_20221013	Total/NA	Water	8260D	
460-267458-33	L3-TB-02_20221013	Total/NA	Water	8260D	
460-267521-2	L3-FB-01_20221013	Total/NA	Water	8260D	
MB 460-872160/7	Method Blank	Total/NA	Water	8260D	
LCS 460-872160/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 872260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-872260/8	Method Blank	Total/NA	Water	8260D	
LCS 460-872260/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-872260/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-267472-A-3 MS	Matrix Spike	Total/NA	Water	8260D	
460-267472-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 872315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-2	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	8260D	872117
460-267458-3	L3-PP-SB-1_8-10_20221013	Total/NA	Solid	8260D	872117
460-267458-5	L3-PP-SB-1_12-14_20221013	Total/NA	Solid	8260D	872117
460-267458-6	L3-PP-SB-1_14-15_20221013	Total/NA	Solid	8260D	872117
460-267458-11	L3-SB-X2_20221013	Total/NA	Solid	8260D	872117
LB3 460-872117/1-A	Method Blank	Total/NA	Solid	8260D	872117
MB 460-872315/22	Method Blank	Total/NA	Solid	8260D	
LCS 460-872315/18	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872315/19	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-267458-2 MS	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	8260D	872117
460-267458-2 MSD	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	8260D	872117

Analysis Batch: 872317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-1	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	8260D	871955
460-267360-2	L2-RI-SB-10B_16-18_20221012	Total/NA	Solid	8260D	871955
460-267360-3	L2-RI-SB-10B_18-20_20221012	Total/NA	Solid	8260D	871955
460-267360-4	L2-RI-SB-10B_20-22_20221012	Total/NA	Solid	8260D	871955
460-267360-5	L2-RI-SB-10B_22-24_20221012	Total/NA	Solid	8260D	871955

GC/MS VOA (Continued)

Analysis Batch: 872317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-6	L2-RI-SB-10B_24-26_20221012	Total/NA	Solid	8260D	871955
460-267360-7	L2-RI-SB-10B_26-28_20221012	Total/NA	Solid	8260D	871955
460-267360-8	L2-RI-SB-10B_28-30_20221012	Total/NA	Solid	8260D	871955
460-267360-9	L2-RI-SB-10B_30-32_20221012	Total/NA	Solid	8260D	871955
LB3 460-871955/1-A	Method Blank	Total/NA	Solid	8260D	871955
MB 460-872317/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-872317/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872317/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-12	L3-RI-SB-2B_15-16_20221012	Total/NA	Solid	8260D	871955
460-267360-13	L3-RI-SB-2B_16-18_20221012	Total/NA	Solid	8260D	871955
460-267360-15	L3-RI-SB-2B_20-22_20221012	Total/NA	Solid	8260D	871955
460-267360-16	L3-RI-SB-2B_22-24_20221012	Total/NA	Solid	8260D	871955
460-267360-17	L3-RI-SB-2B_24-26_20221012	Total/NA	Solid	8260D	871955
460-267360-18	L3-RI-SB-2B_26-28_20221012	Total/NA	Solid	8260D	871955
460-267360-19	L3-RI-SB-2B_28-30_20221012	Total/NA	Solid	8260D	871955
460-267360-20	L3-RI-SB-2B_30-32_20221012	Total/NA	Solid	8260D	871955
460-267360-21	L3-RI-SB-2B_32-34_20221012	Total/NA	Solid	8260D	871955
MB 460-872353/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-872353/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872353/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-1	L3-TB-01_20221013	Total/NA	Water	8260D	
MB 460-872367/8	Method Blank	Total/NA	Water	8260D	
LCS 460-872367/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-872367/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 872430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-10	L2-RI-SB-10B_32-34_20221012	Total/NA	Solid	8260D	871955
460-267360-11	L3-SB-X1_20221012	Total/NA	Solid	8260D	871955
MB 460-872430/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-872430/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872430/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-267360-1 MS	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	8260D	871955
460-267360-1 MSD	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	8260D	871955

Analysis Batch: 872434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-4	L3-PP-SB-1_10-12_20221013	Total/NA	Solid	8260D	872117
MB 460-872434/31	Method Blank	Total/NA	Solid	8260D	
LCS 460-872434/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872434/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-14	L3-RI-SB-2B_18-20_20221012	Total/NA	Solid	8260D	871955

GC/MS VOA (Continued)

Analysis Batch: 872456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-872456/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-872456/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872456/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-4	L3-SB-X4_20221013	Total/NA	Solid	8260D	872153
460-267521-6	L3-PP-SB-2_8-10_20221013	Total/NA	Solid	8260D	872153
460-267521-7	L3-PP-SB-2_10-12_20221013	Total/NA	Solid	8260D	872153
460-267521-8	L3-PP-SB-2_12-14_20221013	Total/NA	Solid	8260D	872153
MB 460-872520/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872520/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872520/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-3	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	8260D	872149
MB 460-872551/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-872551/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872551/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-5	L3-PP-SB-2_6-8_20221013	Total/NA	Solid	8260D	872153
MB 460-872654/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872654/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872654/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-1	L3-PP-SB-1_5-6_20221013	Total/NA	Solid	8260D	872115
MB 460-872711/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-872711/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872711/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 872987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-9	L3-PP-SB-2_14-15_20221013	Total/NA	Solid	8260D	872153
LB3 460-872153/1-A	Method Blank	Total/NA	Solid	8260D	872153
MB 460-872987/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-872987/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-872987/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 873205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-873205/10	Method Blank	Total/NA	Solid	8260D	
LCS 460-873205/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-873205/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-267521-3 MS	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	8260D	872149
460-267521-3 MSD	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	8260D	872149

General Chemistry

Analysis Batch: 872256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-1	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	Moisture	
460-267360-2	L2-RI-SB-10B_16-18_20221012	Total/NA	Solid	Moisture	
460-267360-3	L2-RI-SB-10B_18-20_20221012	Total/NA	Solid	Moisture	
460-267360-4	L2-RI-SB-10B_20-22_20221012	Total/NA	Solid	Moisture	
460-267360-5	L2-RI-SB-10B_22-24_20221012	Total/NA	Solid	Moisture	
460-267360-6	L2-RI-SB-10B_24-26_20221012	Total/NA	Solid	Moisture	
460-267360-1 MS	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	Moisture	
460-267360-1 MSD	L2-RI-SB-10B_15-16_20221012	Total/NA	Solid	Moisture	
460-267360-6 DU	L2-RI-SB-10B_24-26_20221012	Total/NA	Solid	Moisture	

Analysis Batch: 872257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267360-7	L2-RI-SB-10B_26-28_20221012	Total/NA	Solid	Moisture	
460-267360-8	L2-RI-SB-10B_28-30_20221012	Total/NA	Solid	Moisture	
460-267360-9	L2-RI-SB-10B_30-32_20221012	Total/NA	Solid	Moisture	
460-267360-10	L2-RI-SB-10B_32-34_20221012	Total/NA	Solid	Moisture	
460-267360-11	L3-SB-X1_20221012	Total/NA	Solid	Moisture	
460-267360-12	L3-RI-SB-2B_15-16_20221012	Total/NA	Solid	Moisture	
460-267360-13	L3-RI-SB-2B_16-18_20221012	Total/NA	Solid	Moisture	
460-267360-14	L3-RI-SB-2B_18-20_20221012	Total/NA	Solid	Moisture	
460-267360-15	L3-RI-SB-2B_20-22_20221012	Total/NA	Solid	Moisture	
460-267360-16	L3-RI-SB-2B_22-24_20221012	Total/NA	Solid	Moisture	
460-267360-17	L3-RI-SB-2B_24-26_20221012	Total/NA	Solid	Moisture	
460-267360-18	L3-RI-SB-2B_26-28_20221012	Total/NA	Solid	Moisture	
460-267360-19	L3-RI-SB-2B_28-30_20221012	Total/NA	Solid	Moisture	
460-267360-20	L3-RI-SB-2B_30-32_20221012	Total/NA	Solid	Moisture	
460-267360-21	L3-RI-SB-2B_32-34_20221012	Total/NA	Solid	Moisture	
460-267360-21 DU	L3-RI-SB-2B_32-34_20221012	Total/NA	Solid	Moisture	

Analysis Batch: 872476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-1	L3-PP-SB-1_5-6_20221013	Total/NA	Solid	Moisture	
460-267458-2	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	Moisture	
460-267458-3	L3-PP-SB-1_8-10_20221013	Total/NA	Solid	Moisture	
460-267458-4	L3-PP-SB-1_10-12_20221013	Total/NA	Solid	Moisture	
460-267458-5	L3-PP-SB-1_12-14_20221013	Total/NA	Solid	Moisture	
460-267458-2 MS	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	Moisture	
460-267458-2 MSD	L3-PP-SB-1_6-8_20221013	Total/NA	Solid	Moisture	
460-267458-5 DU	L3-PP-SB-1_12-14_20221013	Total/NA	Solid	Moisture	

Analysis Batch: 872477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267458-6	L3-PP-SB-1_14-15_20221013	Total/NA	Solid	Moisture	
460-267458-11	L3-SB-X2_20221013	Total/NA	Solid	Moisture	
460-267458-A-13 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-267458-A-13 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-267687-A-4 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 872779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-3	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 872779 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267521-4	L3-SB-X4_20221013	Total/NA	Solid	Moisture	
460-267521-5	L3-PP-SB-2_6-8_20221013	Total/NA	Solid	Moisture	
460-267521-6	L3-PP-SB-2_8-10_20221013	Total/NA	Solid	Moisture	
460-267521-7	L3-PP-SB-2_10-12_20221013	Total/NA	Solid	Moisture	
460-267521-8	L3-PP-SB-2_12-14_20221013	Total/NA	Solid	Moisture	
460-267521-9	L3-PP-SB-2_14-15_20221013	Total/NA	Solid	Moisture	
460-267521-3 MS	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	Moisture	
460-267521-3 MSD	L3-PP-SB-2_5-6_20221013	Total/NA	Solid	Moisture	
460-267672-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: L2-RI-SB-10B_15-16_20221012
Lab Sample ID: 460-267360-1
Date Collected: 10/12/22 12:00
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872256	CJC	EET EDI	10/16/22 16:17

Client Sample ID: L2-RI-SB-10B_15-16_20221012
Lab Sample ID: 460-267360-1
Date Collected: 10/12/22 12:00
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 11:11
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 09:02

Client Sample ID: L2-RI-SB-10B_16-18_20221012
Lab Sample ID: 460-267360-2
Date Collected: 10/12/22 12:10
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872256	CJC	EET EDI	10/16/22 16:17

Client Sample ID: L2-RI-SB-10B_16-18_20221012
Lab Sample ID: 460-267360-2
Date Collected: 10/12/22 12:10
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 11:07
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 13:35

Client Sample ID: L2-RI-SB-10B_18-20_20221012
Lab Sample ID: 460-267360-3
Date Collected: 10/12/22 12:15
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872256	CJC	EET EDI	10/16/22 16:17

Client Sample ID: L2-RI-SB-10B_18-20_20221012
Lab Sample ID: 460-267360-3
Date Collected: 10/12/22 12:15
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 11:03
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 14:00

Client Sample ID: L2-RI-SB-10B_20-22_20221012
Lab Sample ID: 460-267360-4
Date Collected: 10/12/22 12:20
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872256	CJC	EET EDI	10/16/22 16:17

Client Sample ID: L2-RI-SB-10B_20-22_20221012
Lab Sample ID: 460-267360-4

Date Collected: 10/12/22 12:20
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 11:04
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 14:24

Client Sample ID: L2-RI-SB-10B_22-24_20221012
Lab Sample ID: 460-267360-5

Date Collected: 10/12/22 12:35
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872256	CJC	EET EDI	10/16/22 16:17

Client Sample ID: L2-RI-SB-10B_22-24_20221012
Lab Sample ID: 460-267360-5

Date Collected: 10/12/22 12:35
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 11:06
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 14:50

Client Sample ID: L2-RI-SB-10B_24-26_20221012
Lab Sample ID: 460-267360-6

Date Collected: 10/12/22 12:30
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872256	CJC	EET EDI	10/16/22 16:17

Client Sample ID: L2-RI-SB-10B_24-26_20221012
Lab Sample ID: 460-267360-6

Date Collected: 10/12/22 12:30
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 11:01
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 15:14

Client Sample ID: L2-RI-SB-10B_26-28_20221012
Lab Sample ID: 460-267360-7

Date Collected: 10/12/22 12:35
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L2-RI-SB-10B_26-28_20221012
Lab Sample ID: 460-267360-7

Date Collected: 10/12/22 12:35
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 11:00
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 15:39

Client Sample ID: L2-RI-SB-10B_28-30_20221012
Lab Sample ID: 460-267360-8

Date Collected: 10/12/22 12:40
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L2-RI-SB-10B_28-30_20221012
Lab Sample ID: 460-267360-8

Date Collected: 10/12/22 12:40
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:59
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 16:03

Client Sample ID: L2-RI-SB-10B_30-32_20221012
Lab Sample ID: 460-267360-9

Date Collected: 10/12/22 12:45
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L2-RI-SB-10B_30-32_20221012
Lab Sample ID: 460-267360-9

Date Collected: 10/12/22 12:45
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:41
Total/NA	Analysis	8260D		1	872317	AAT	EET EDI	10/17/22 16:28

Client Sample ID: L2-RI-SB-10B_32-34_20221012
Lab Sample ID: 460-267360-10

Date Collected: 10/12/22 12:50
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L2-RI-SB-10B_32-34_20221012
Lab Sample ID: 460-267360-10

Date Collected: 10/12/22 12:50
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:44
Total/NA	Analysis	8260D		1	872430	AAT	EET EDI	10/18/22 00:07

Client Sample ID: L3-SB-X1_20221012
Lab Sample ID: 460-267360-11

Date Collected: 10/12/22 12:30
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-SB-X1_20221012
Lab Sample ID: 460-267360-11

Date Collected: 10/12/22 12:30
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:40
Total/NA	Analysis	8260D		1	872430	AAT	EET EDI	10/18/22 00:31

Client Sample ID: L3-RI-SB-2B_15-16_20221012
Lab Sample ID: 460-267360-12

Date Collected: 10/12/22 14:00
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_15-16_20221012
Lab Sample ID: 460-267360-12

Date Collected: 10/12/22 14:00
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:57
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 15:57

Client Sample ID: L3-RI-SB-2B_16-18_20221012
Lab Sample ID: 460-267360-13

Date Collected: 10/12/22 14:05
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_16-18_20221012
Lab Sample ID: 460-267360-13
Date Collected: 10/12/22 14:05
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:56
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 16:20

Client Sample ID: L3-RI-SB-2B_18-20_20221012
Lab Sample ID: 460-267360-14
Date Collected: 10/12/22 14:10
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_18-20_20221012
Lab Sample ID: 460-267360-14
Date Collected: 10/12/22 14:10
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:45
Total/NA	Analysis	8260D		1	872456	AAT	EET EDI	10/17/22 22:50

Client Sample ID: L3-RI-SB-2B_20-22_20221012
Lab Sample ID: 460-267360-15
Date Collected: 10/12/22 14:15
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_20-22_20221012
Lab Sample ID: 460-267360-15
Date Collected: 10/12/22 14:15
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:46
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 17:04

Client Sample ID: L3-RI-SB-2B_22-24_20221012
Lab Sample ID: 460-267360-16
Date Collected: 10/12/22 14:20
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_22-24_20221012
Lab Sample ID: 460-267360-16
Date Collected: 10/12/22 14:20
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:47
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 17:27

Client Sample ID: L3-RI-SB-2B_24-26_20221012
Lab Sample ID: 460-267360-17
Date Collected: 10/12/22 14:25
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_24-26_20221012
Lab Sample ID: 460-267360-17
Date Collected: 10/12/22 14:25
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:49
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 17:49

Client Sample ID: L3-RI-SB-2B_26-28_20221012
Lab Sample ID: 460-267360-18
Date Collected: 10/12/22 14:30
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_26-28_20221012
Lab Sample ID: 460-267360-18
Date Collected: 10/12/22 14:30
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:50
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 18:12

Client Sample ID: L3-RI-SB-2B_28-30_20221012
Lab Sample ID: 460-267360-19
Date Collected: 10/12/22 14:35
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_28-30_20221012
Lab Sample ID: 460-267360-19

Date Collected: 10/12/22 14:35
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:51
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 18:34

Client Sample ID: L3-RI-SB-2B_30-32_20221012
Lab Sample ID: 460-267360-20

Date Collected: 10/12/22 14:40
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_30-32_20221012
Lab Sample ID: 460-267360-20

Date Collected: 10/12/22 14:40
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:53
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 18:56

Client Sample ID: L3-RI-SB-2B_32-34_20221012
Lab Sample ID: 460-267360-21

Date Collected: 10/12/22 14:45
Matrix: Solid
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872257	CJC	EET EDI	10/16/22 16:18

Client Sample ID: L3-RI-SB-2B_32-34_20221012
Lab Sample ID: 460-267360-21

Date Collected: 10/12/22 14:45
Matrix: Solid
Date Received: 10/12/22 19:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			871955	SAS	EET EDI	10/14/22 10:54
Total/NA	Analysis	8260D		1	872353	EMM	EET EDI	10/17/22 19:18

Client Sample ID: L3-FB-01_20221012
Lab Sample ID: 460-267360-22

Date Collected: 10/12/22 15:00
Matrix: Water
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	871835	EMM	EET EDI	10/14/22 03:14

Client Sample ID: L3-TB-01_20221012
Lab Sample ID: 460-267360-23

Date Collected: 10/12/22 00:00
Matrix: Water
Date Received: 10/12/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	871835	EMM	EET EDI	10/14/22 07:26

Client Sample ID: L3-PP-SB-1_5-6_20221013
Lab Sample ID: 460-267458-1
Date Collected: 10/13/22 11:10
Matrix: Solid
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872476	CJC	EET EDI	10/17/22 20:24

Client Sample ID: L3-PP-SB-1_5-6_20221013
Lab Sample ID: 460-267458-1
Date Collected: 10/13/22 11:10
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872115	SAS	EET EDI	10/15/22 07:11
Total/NA	Analysis	8260D		50	872711	KLB	EET EDI	10/19/22 01:48

Client Sample ID: L3-PP-SB-1_6-8_20221013
Lab Sample ID: 460-267458-2
Date Collected: 10/13/22 11:20
Matrix: Solid
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872476	CJC	EET EDI	10/17/22 20:24

Client Sample ID: L3-PP-SB-1_6-8_20221013
Lab Sample ID: 460-267458-2
Date Collected: 10/13/22 11:20
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872117	SAS	EET EDI	10/15/22 07:33
Total/NA	Analysis	8260D		1	872315	AAT	EET EDI	10/17/22 14:25

Client Sample ID: L3-PP-SB-1_8-10_20221013
Lab Sample ID: 460-267458-3
Date Collected: 10/13/22 11:25
Matrix: Solid
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872476	CJC	EET EDI	10/17/22 20:24

Client Sample ID: L3-PP-SB-1_8-10_20221013
Lab Sample ID: 460-267458-3
Date Collected: 10/13/22 11:25
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872117	SAS	EET EDI	10/15/22 07:36
Total/NA	Analysis	8260D		1	872315	AAT	EET EDI	10/17/22 14:48

Client Sample ID: L3-PP-SB-1_10-12_20221013
Lab Sample ID: 460-267458-4
Date Collected: 10/13/22 11:30
Matrix: Solid
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872476	CJC	EET EDI	10/17/22 20:24

Client Sample ID: L3-PP-SB-1_10-12_20221013
Lab Sample ID: 460-267458-4

Date Collected: 10/13/22 11:30
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872117	SAS	EET EDI	10/15/22 07:38
Total/NA	Analysis	8260D		1	872434	AAT	EET EDI	10/17/22 22:40

Client Sample ID: L3-PP-SB-1_12-14_20221013
Lab Sample ID: 460-267458-5

Date Collected: 10/13/22 11:35
Matrix: Solid
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872476	CJC	EET EDI	10/17/22 20:24

Client Sample ID: L3-PP-SB-1_12-14_20221013
Lab Sample ID: 460-267458-5

Date Collected: 10/13/22 11:35
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872117	SAS	EET EDI	10/15/22 07:38
Total/NA	Analysis	8260D		1	872315	AAT	EET EDI	10/17/22 15:57

Client Sample ID: L3-PP-SB-1_14-15_20221013
Lab Sample ID: 460-267458-6

Date Collected: 10/13/22 11:40
Matrix: Solid
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872477	CJC	EET EDI	10/17/22 20:25

Client Sample ID: L3-PP-SB-1_14-15_20221013
Lab Sample ID: 460-267458-6

Date Collected: 10/13/22 11:40
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872117	SAS	EET EDI	10/15/22 07:39
Total/NA	Analysis	8260D		1	872315	AAT	EET EDI	10/17/22 16:19

Client Sample ID: L3-SB-X2_20221013
Lab Sample ID: 460-267458-11

Date Collected: 10/13/22 12:00
Matrix: Solid
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872477	CJC	EET EDI	10/17/22 20:25

Client Sample ID: L3-SB-X2_20221013
Lab Sample ID: 460-267458-11
Date Collected: 10/13/22 12:00
Matrix: Solid
Date Received: 10/13/22 19:00
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872117	SAS	EET EDI	10/15/22 07:45
Total/NA	Analysis	8260D		1	872315	AAT	EET EDI	10/17/22 16:42

Client Sample ID: L3-FB-02_20221013
Lab Sample ID: 460-267458-12
Date Collected: 10/13/22 12:00
Matrix: Water
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	872160	KLB	EET EDI	10/15/22 22:05

Client Sample ID: L3-TB-02_20221013
Lab Sample ID: 460-267458-33
Date Collected: 10/13/22 00:00
Matrix: Water
Date Received: 10/13/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	872160	KLB	EET EDI	10/15/22 21:22

Client Sample ID: L3-TB-01_20221013
Lab Sample ID: 460-267521-1
Date Collected: 10/13/22 00:00
Matrix: Water
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	872367	KLB	EET EDI	10/17/22 11:54

Client Sample ID: L3-FB-01_20221013
Lab Sample ID: 460-267521-2
Date Collected: 10/13/22 18:30
Matrix: Water
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	872160	KLB	EET EDI	10/15/22 23:08

Client Sample ID: L3-PP-SB-2_5-6_20221013
Lab Sample ID: 460-267521-3
Date Collected: 10/13/22 17:00
Matrix: Solid
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872779	RLL	EET EDI	10/19/22 07:34

Client Sample ID: L3-PP-SB-2_5-6_20221013
Lab Sample ID: 460-267521-3
Date Collected: 10/13/22 17:00
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872149	SAS	EET EDI	10/15/22 13:08
Total/NA	Analysis	8260D		50	872551	MZS	EET EDI	10/18/22 18:53

Client Sample ID: L3-SB-X4_20221013
Lab Sample ID: 460-267521-4
Date Collected: 10/13/22 18:00
Matrix: Solid
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872779	RLL	EET EDI	10/19/22 07:34

Client Sample ID: L3-SB-X4_20221013
Lab Sample ID: 460-267521-4
Date Collected: 10/13/22 18:00
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872153	SAS	EET EDI	10/15/22 13:22
Total/NA	Analysis	8260D		1	872520	AAT	EET EDI	10/18/22 16:38

Client Sample ID: L3-PP-SB-2_6-8_20221013
Lab Sample ID: 460-267521-5
Date Collected: 10/13/22 17:05
Matrix: Solid
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872779	RLL	EET EDI	10/19/22 07:34

Client Sample ID: L3-PP-SB-2_6-8_20221013
Lab Sample ID: 460-267521-5
Date Collected: 10/13/22 17:05
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872153	SAS	EET EDI	10/15/22 13:24
Total/NA	Analysis	8260D		1	872654	VBP	EET EDI	10/18/22 23:24

Client Sample ID: L3-PP-SB-2_8-10_20221013
Lab Sample ID: 460-267521-6
Date Collected: 10/13/22 17:10
Matrix: Solid
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872779	RLL	EET EDI	10/19/22 07:34

Client Sample ID: L3-PP-SB-2_8-10_20221013
Lab Sample ID: 460-267521-6
Date Collected: 10/13/22 17:10
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872153	SAS	EET EDI	10/15/22 13:25
Total/NA	Analysis	8260D		1	872520	AAT	EET EDI	10/18/22 17:23

Client Sample ID: L3-PP-SB-2_10-12_20221013
Lab Sample ID: 460-267521-7
Date Collected: 10/13/22 17:15
Matrix: Solid
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872779	RLL	EET EDI	10/19/22 07:34

Client Sample ID: L3-PP-SB-2_10-12_20221013
Lab Sample ID: 460-267521-7

Date Collected: 10/13/22 17:15
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872153	SAS	EET EDI	10/15/22 13:26
Total/NA	Analysis	8260D		1	872520	AAT	EET EDI	10/18/22 17:46

Client Sample ID: L3-PP-SB-2_12-14_20221013
Lab Sample ID: 460-267521-8

Date Collected: 10/13/22 17:20
Matrix: Solid
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872779	RLL	EET EDI	10/19/22 07:34

Client Sample ID: L3-PP-SB-2_12-14_20221013
Lab Sample ID: 460-267521-8

Date Collected: 10/13/22 17:20
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872153	SAS	EET EDI	10/15/22 13:27
Total/NA	Analysis	8260D		1	872520	AAT	EET EDI	10/18/22 18:08

Client Sample ID: L3-PP-SB-2_14-15_20221013
Lab Sample ID: 460-267521-9

Date Collected: 10/13/22 17:25
Matrix: Solid
Date Received: 10/14/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	872779	RLL	EET EDI	10/19/22 07:34

Client Sample ID: L3-PP-SB-2_14-15_20221013
Lab Sample ID: 460-267521-9

Date Collected: 10/13/22 17:25
Matrix: Solid
Date Received: 10/14/22 18:00
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			872153	SAS	EET EDI	10/15/22 13:29
Total/NA	Analysis	8260D		1	872987	AAT	EET EDI	10/20/22 09:45

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-267360-1
Project/Site: Atlantic Chestnut Lot 3

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
L2-RI-SB-10B_15-16_20221012	460-267360-1	120	118	102	105
L2-RI-SB-10B_16-18_20221012	460-267360-2	96	96	88	88
L2-RI-SB-10B_18-20_20221012	460-267360-3	114	108	101	100
L2-RI-SB-10B_20-22_20221012	460-267360-4	113	109	96	100
L2-RI-SB-10B_22-24_20221012	460-267360-5	113	109	98	101
L2-RI-SB-10B_24-26_20221012	460-267360-6	114	106	99	96
L2-RI-SB-10B_26-28_20221012	460-267360-7	93	92	82	80
L2-RI-SB-10B_28-30_20221012	460-267360-8	118	113	101	100
L2-RI-SB-10B_30-32_20221012	460-267360-9	113	106	97	96
L2-RI-SB-10B_32-34_20221012	460-267360-10	128	120	110	111
L3-SB-X1_20221012	460-267360-11	114	109	103	103
L3-RI-SB-2B_15-16_20221012	460-267360-12	105	101	98	99
L3-RI-SB-2B_16-18_20221012	460-267360-13	109	104	95	96
L3-RI-SB-2B_18-20_20221012	460-267360-14	113	104	97	98
L3-RI-SB-2B_20-22_20221012	460-267360-15	109	102	97	99
L3-RI-SB-2B_22-24_20221012	460-267360-16	109	102	96	97
L3-RI-SB-2B_24-26_20221012	460-267360-17	109	101	97	95
L3-RI-SB-2B_26-28_20221012	460-267360-18	103	102	97	97
L3-RI-SB-2B_28-30_20221012	460-267360-19	111	104	95	101
L3-RI-SB-2B_30-32_20221012	460-267360-20	111	102	95	97
L3-RI-SB-2B_32-34_20221012	460-267360-21	108	99	92	96
L3-PP-SB-1_6-8_20221013	460-267458-2	104	91	102	105
L3-PP-SB-1_8-10_20221013	460-267458-3	107	95	105	110
L3-PP-SB-1_10-12_20221013	460-267458-4	107	95	102	103
L3-PP-SB-1_12-14_20221013	460-267458-5	104	89	104	103

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-139
DCA = 1,2-Dichloroethane-d4 (Surr)	72-145
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	75-139

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
L3-PP-SB-1_14-15_20221013	460-267458-6	107	93	107	109
L3-SB-X2_20221013	460-267458-11	104	92	104	103
L3-SB-X4_20221013	460-267521-4	113	97	105	105
L3-PP-SB-2_6-8_20221013	460-267521-5	119	104	105	100
L3-PP-SB-2_8-10_20221013	460-267521-6	120	104	104	104
L3-PP-SB-2_10-12_20221013	460-267521-7	119	101	107	103
L3-PP-SB-2_12-14_20221013	460-267521-8	116	100	102	101
L3-PP-SB-2_14-15_20221013	460-267521-9	100	95	117	113
	MB 460-872315/22	103	95	101	102
	MB 460-872317/7	112	104	100	96
	MB 460-872353/8	107	101	93	96
	MB 460-872430/7	104	102	87	89
	MB 460-872434/31	111	103	105	104
	MB 460-872456/8	113	109	95	97
	MB 460-872520/9	113	101	101	99
	MB 460-872654/9	120	111	102	102
	MB 460-872987/8	97	93	114	110
	LB3 460-871955/1-A	115	107	100	100
	LB3 460-872117/1-A	103	91	103	104
	LB3 460-872153/1-A	98	98	116	110
	LCS 460-872315/18	99	93	103	100
	LCS 460-872317/3	115	109	103	102
	LCS 460-872353/3	105	104	98	97
	LCS 460-872430/4	112	108	99	97
	LCS 460-872434/3	105	97	102	98
	LCS 460-872456/3	107	108	97	96
	LCS 460-872520/4	109	102	104	101
	LCS 460-872654/4	118	112	103	99
	LCS 460-872987/3	91	93	113	106
	LCSD 460-872315/19	99	93	100	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-139
DCA = 1,2-Dichloroethane-d4 (Surr)	72-145
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	75-139

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	LCSD 460-872317/4	112	108	98	95
	LCSD 460-872353/4	108	106	98	98
	LCSD 460-872430/5	109	105	93	94
	LCSD 460-872434/4	101	97	98	97
	LCSD 460-872456/4	107	103	96	97
	LCSD 460-872520/5	106	97	99	95
	LCSD 460-872654/5	114	106	103	97
	LCSD 460-872987/4	95	96	115	109
L2-RI-SB-10B_15-16 20221012 MS	460-267360-1 MS	108	103	99	97
L3-PP-SB-1_6-8_202 21013 MS	460-267458-2 MS	99	86	104	101
L2-RI-SB-10B_15-16 20221012 MSD	460-267360-1 MSD	109	106	101	102
L3-PP-SB-1_6-8_202 21013 MSD	460-267458-2 MSD	99	87	105	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-139
DCA = 1,2-Dichloroethane-d4 (Surr)	72-145
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	75-139

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
L3-PP-SB-1_5-6_20221013	460-267458-1	73	106	109	89
L3-PP-SB-2_5-6_20221013	460-267521-3	112	116	116	95
	MB 460-872551/8	97	94	97	86
	MB 460-872711/9	91	91	99	89
	MB 460-873205/10	105	102	101	97
	LCS 460-872551/3	91	88	96	93
	LCS 460-872711/4	101	105	104	97
	LCS 460-873205/4	99	97	101	100
	LCSD 460-872551/4	93	91	95	90
	LCSD 460-872711/5	86	85	91	88
	LCSD 460-873205/5	96	96	99	99
L3-PP-SB-2_5-6_20221013 MS	460-267521-3 MS	96	98	97	97
L3-PP-SB-2_5-6_20221013 MSD	460-267521-3 MSD	101	103	100	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	68-150
DCA = 1,2-Dichloroethane-d4 (Surr)	68-150
TOL = Toluene-d8 (Surr)	80-147
BFB = Bromofluorobenzene	70-150

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

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 #
L3-FB-01_20221012	460-267360-22	93	91	98	95
L3-TB-01_20221012	460-267360-23	91	91	93	86
L3-FB-02_20221013	460-267458-12	119	112	99	118
L3-TB-02_20221013	460-267458-33	110	101	96	111
L3-TB-01_20221013	460-267521-1	113	105	96	114
L3-FB-01_20221013	460-267521-2	114	105	94	111
	MB 460-871835/8	95	91	99	95
	MB 460-872160/7	113	105	95	108
	MB 460-872260/8	112	104	97	110
	MB 460-872367/8	112	104	96	110
	LCS 460-871835/3	93	92	103	103
	LCS 460-872160/4	108	95	94	107
	LCS 460-872260/4	106	96	98	110
	LCS 460-872367/3	104	92	94	104
	LCSD 460-872260/5	108	100	96	111
	LCSD 460-872367/4	105	95	94	109
	460-267283-C-5 MS	95	93	100	101
	460-267472-A-3 MS	107	95	93	109
	460-267283-C-5 MSD	91	91	94	96
	460-267472-A-3 MSD	107	92	91	107

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O82696.d

Lab ID: LCS 460-871835/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.2	96	68-128	
1,1,2,2-Tetrachloroethane	20.0	24.5	122	63-139	
1,1,2-Trichloroethane	20.0	21.9	109	74-125	
1,1-Dichloroethane	20.0	19.1	96	73-130	
1,1-Dichloroethene	20.0	19.9	100	68-133	
1,2-Dichloroethane	20.0	19.2	96	66-129	
1,2-Dichloropropane	20.0	20.1	100	68-128	
Bromodichloromethane	20.0	18.9	95	76-121	
Carbon tetrachloride	20.0	19.0	95	61-131	
Chlorobenzene	20.0	20.3	101	80-120	
Chloroethane	20.0	20.9	104	42-150	
Chloroform	20.0	19.4	97	78-125	
Chloromethane	20.0	19.9	100	43-150	
cis-1,2-Dichloroethene	20.0	19.8	99	78-121	
cis-1,3-Dichloropropene	20.0	20.9	104	74-125	
Dibromochloromethane	20.0	20.5	103	62-130	
Methylene Chloride	20.0	20.0	100	74-127	
Tetrachloroethene	20.0	21.2	106	70-127	
trans-1,2-Dichloroethene	20.0	19.6	98	74-126	
trans-1,3-Dichloropropene	20.0	22.3	112	66-127	
Trichloroethene	20.0	18.8	94	71-121	
Vinyl chloride	20.0	18.6	93	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V26546.D

Lab ID: LCS 460-872160/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.3	112	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.3	97	63-139	
1,1,2-Trichloroethane	20.0	19.4	97	74-125	
1,1-Dichloroethane	20.0	21.1	105	73-130	
1,1-Dichloroethene	20.0	22.1	110	68-133	
1,2-Dichloroethane	20.0	22.0	110	66-129	
1,2-Dichloropropane	20.0	19.4	97	68-128	
Bromodichloromethane	20.0	21.2	106	76-121	
Carbon tetrachloride	20.0	23.5	117	61-131	
Chlorobenzene	20.0	20.3	101	80-120	
Chloroethane	20.0	17.4	87	42-150	
Chloroform	20.0	21.6	108	78-125	
Chloromethane	20.0	14.8	74	43-150	
cis-1,2-Dichloroethene	20.0	21.9	110	78-121	
cis-1,3-Dichloropropene	20.0	20.6	103	74-125	
Dibromochloromethane	20.0	20.3	102	62-130	
Methylene Chloride	20.0	21.4	107	74-127	
Tetrachloroethene	20.0	22.6	113	70-127	
trans-1,2-Dichloroethene	20.0	21.9	109	74-126	
trans-1,3-Dichloropropene	20.0	20.4	102	66-127	
Trichloroethene	20.0	21.6	108	71-121	
Vinyl chloride	20.0	16.6	83	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V26576.D

Lab ID: LCS 460-872260/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.9	109	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.3	97	63-139	
1,1,2-Trichloroethane	20.0	19.5	98	74-125	
1,1-Dichloroethane	20.0	20.3	101	73-130	
1,1-Dichloroethene	20.0	21.6	108	68-133	
1,2-Dichloroethane	20.0	21.1	106	66-129	
1,2-Dichloropropane	20.0	18.6	93	68-128	
Bromodichloromethane	20.0	20.3	102	76-121	
Carbon tetrachloride	20.0	22.4	112	61-131	
Chlorobenzene	20.0	20.5	103	80-120	
Chloroethane	20.0	16.8	84	42-150	
Chloroform	20.0	20.9	105	78-125	
Chloromethane	20.0	14.5	72	43-150	
cis-1,2-Dichloroethene	20.0	21.2	106	78-121	
cis-1,3-Dichloropropene	20.0	20.5	102	74-125	
Dibromochloromethane	20.0	20.9	104	62-130	
Methylene Chloride	20.0	21.0	105	74-127	
Tetrachloroethene	20.0	23.0	115	70-127	
trans-1,2-Dichloroethene	20.0	20.6	103	74-126	
trans-1,3-Dichloropropene	20.0	20.3	102	66-127	
Trichloroethene	20.0	21.6	108	71-121	
Vinyl chloride	20.0	15.8	79	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99218.D

Lab ID: LCS 460-872315/18 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0244	122	78-120	*
1,1,2,2-Tetrachloroethane	0.0200	0.0188	94	66-123	
1,1,2-Trichloroethane	0.0200	0.0205	103	80-120	
1,1-Dichloroethane	0.0200	0.0217	108	77-129	
1,1-Dichloroethene	0.0200	0.0253	126	70-132	
1,2-Dichloroethane	0.0200	0.0194	97	75-123	
1,2-Dichloropropane	0.0200	0.0218	109	73-124	
Bromodichloromethane	0.0200	0.0201	100	73-124	
Carbon tetrachloride	0.0200	0.0251	125	77-121	*
Chlorobenzene	0.0200	0.0222	111	80-120	
Chloroethane	0.0200	0.0229	115	68-132	
Chloroform	0.0200	0.0212	106	79-126	
Chloromethane	0.0200	0.0219	110	63-130	
cis-1,2-Dichloroethene	0.0200	0.0216	108	80-123	
cis-1,3-Dichloropropene	0.0200	0.0206	103	80-120	
Dibromochloromethane	0.0200	0.0206	103	80-120	
Methylene Chloride	0.0200	0.0213	106	76-120	
Tetrachloroethene	0.0200	0.0255	128	78-123	*
trans-1,2-Dichloroethene	0.0200	0.0229	115	78-120	
trans-1,3-Dichloropropene	0.0200	0.0200	100	80-120	
Trichloroethene	0.0200	0.0240	120	79-120	
Vinyl chloride	0.0200	0.0273	137	72-131	*

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B93110.D

Lab ID: LCS 460-872317/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0226	113	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0160	80	66-123	
1,1,2-Trichloroethane	0.0200	0.0172	86	80-120	
1,1-Dichloroethane	0.0200	0.0204	102	77-129	
1,1-Dichloroethene	0.0200	0.0218	109	70-132	
1,2-Dichloroethane	0.0200	0.0188	94	75-123	
1,2-Dichloropropane	0.0200	0.0191	95	73-124	
Bromodichloromethane	0.0200	0.0191	96	73-124	
Carbon tetrachloride	0.0200	0.0225	113	77-121	
Chlorobenzene	0.0200	0.0178	89	80-120	
Chloroethane	0.0200	0.0208	104	68-132	
Chloroform	0.0200	0.0196	98	79-126	
Chloromethane	0.0200	0.0190	95	63-130	
cis-1,2-Dichloroethene	0.0200	0.0208	104	80-123	
cis-1,3-Dichloropropene	0.0200	0.0172	86	80-120	
Dibromochloromethane	0.0200	0.0168	84	80-120	
Methylene Chloride	0.0200	0.0220	110	76-120	
Tetrachloroethene	0.0200	0.0202	101	78-123	
trans-1,2-Dichloroethene	0.0200	0.0226	113	78-120	
trans-1,3-Dichloropropene	0.0200	0.0170	85	80-120	
Trichloroethene	0.0200	0.0206	103	79-120	
Vinyl chloride	0.0200	0.0191	95	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K39149.D

Lab ID: LCS 460-872353/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0226	113	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0187	93	66-123	
1,1,2-Trichloroethane	0.0200	0.0196	98	80-120	
1,1-Dichloroethane	0.0200	0.0224	112	77-129	
1,1-Dichloroethene	0.0200	0.0238	119	70-132	
1,2-Dichloroethane	0.0200	0.0195	98	75-123	
1,2-Dichloropropane	0.0200	0.0208	104	73-124	
Bromodichloromethane	0.0200	0.0235	118	73-124	
Carbon tetrachloride	0.0200	0.0264	132	77-121	*
Chlorobenzene	0.0200	0.0192	96	80-120	
Chloroethane	0.0200	0.0178	89	68-132	
Chloroform	0.0200	0.0214	107	79-126	
Chloromethane	0.0200	0.0174	87	63-130	
cis-1,2-Dichloroethene	0.0200	0.0213	106	80-123	
cis-1,3-Dichloropropene	0.0200	0.0201	101	80-120	
Dibromochloromethane	0.0200	0.0264	132	80-120	*
Methylene Chloride	0.0200	0.0210	105	76-120	
Tetrachloroethene	0.0200	0.0195	97	78-123	
trans-1,2-Dichloroethene	0.0200	0.0219	109	78-120	
trans-1,3-Dichloropropene	0.0200	0.0189	94	80-120	
Trichloroethene	0.0200	0.0209	105	79-120	
Vinyl chloride	0.0200	0.0192	96	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V26612.D

Lab ID: LCS 460-872367/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.4	107	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.5	92	63-139	
1,1,2-Trichloroethane	20.0	19.1	95	74-125	
1,1-Dichloroethane	20.0	19.6	98	73-130	
1,1-Dichloroethene	20.0	21.2	106	68-133	
1,2-Dichloroethane	20.0	20.9	105	66-129	
1,2-Dichloropropane	20.0	18.0	90	68-128	
Bromodichloromethane	20.0	19.9	99	76-121	
Carbon tetrachloride	20.0	22.9	114	61-131	
Chlorobenzene	20.0	20.1	100	80-120	
Chloroethane	20.0	18.6	93	42-150	
Chloroform	20.0	20.8	104	78-125	
Chloromethane	20.0	17.5	87	43-150	
cis-1,2-Dichloroethene	20.0	21.1	106	78-121	
cis-1,3-Dichloropropene	20.0	20.3	101	74-125	
Dibromochloromethane	20.0	20.6	103	62-130	
Methylene Chloride	20.0	20.5	103	74-127	
Tetrachloroethene	20.0	22.9	114	70-127	
trans-1,2-Dichloroethene	20.0	20.8	104	74-126	
trans-1,3-Dichloropropene	20.0	19.4	97	66-127	
Trichloroethene	20.0	20.6	103	71-121	
Vinyl chloride	20.0	19.2	96	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B93142.D

Lab ID: LCS 460-872430/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0219	109	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0162	81	66-123	
1,1,2-Trichloroethane	0.0200	0.0172	86	80-120	
1,1-Dichloroethane	0.0200	0.0198	99	77-129	
1,1-Dichloroethene	0.0200	0.0214	107	70-132	
1,2-Dichloroethane	0.0200	0.0185	92	75-123	
1,2-Dichloropropane	0.0200	0.0188	94	73-124	
Bromodichloromethane	0.0200	0.0186	93	73-124	
Carbon tetrachloride	0.0200	0.0209	105	77-121	
Chlorobenzene	0.0200	0.0178	89	80-120	
Chloroethane	0.0200	0.0220	110	68-132	
Chloroform	0.0200	0.0197	98	79-126	
Chloromethane	0.0200	0.0211	106	63-130	
cis-1,2-Dichloroethene	0.0200	0.0206	103	80-123	
cis-1,3-Dichloropropene	0.0200	0.0171	85	80-120	
Dibromochloromethane	0.0200	0.0163	82	80-120	
Methylene Chloride	0.0200	0.0208	104	76-120	
Tetrachloroethene	0.0200	0.0192	96	78-123	
trans-1,2-Dichloroethene	0.0200	0.0220	110	78-120	
trans-1,3-Dichloropropene	0.0200	0.0167	84	80-120	
Trichloroethene	0.0200	0.0206	103	79-120	
Vinyl chloride	0.0200	0.0215	107	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99237.D

Lab ID: LCS 460-872434/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0196	98	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0171	85	66-123	
1,1,2-Trichloroethane	0.0200	0.0187	93	80-120	
1,1-Dichloroethane	0.0200	0.0192	96	77-129	
1,1-Dichloroethene	0.0200	0.0202	101	70-132	
1,2-Dichloroethane	0.0200	0.0187	93	75-123	
1,2-Dichloropropane	0.0200	0.0196	98	73-124	
Bromodichloromethane	0.0200	0.0190	95	73-124	
Carbon tetrachloride	0.0200	0.0200	100	77-121	
Chlorobenzene	0.0200	0.0189	94	80-120	
Chloroethane	0.0200	0.0187	93	68-132	
Chloroform	0.0200	0.0187	94	79-126	
Chloromethane	0.0200	0.0186	93	63-130	
cis-1,2-Dichloroethene	0.0200	0.0192	96	80-123	
cis-1,3-Dichloropropene	0.0200	0.0196	98	80-120	
Dibromochloromethane	0.0200	0.0192	96	80-120	
Methylene Chloride	0.0200	0.0195	97	76-120	
Tetrachloroethene	0.0200	0.0190	95	78-123	
trans-1,2-Dichloroethene	0.0200	0.0192	96	78-120	
trans-1,3-Dichloropropene	0.0200	0.0190	95	80-120	
Trichloroethene	0.0200	0.0201	100	79-120	
Vinyl chloride	0.0200	0.0199	99	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K39177.D

Lab ID: LCS 460-872456/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0226	113	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0207	103	66-123	
1,1,2-Trichloroethane	0.0200	0.0196	98	80-120	
1,1-Dichloroethane	0.0200	0.0226	113	77-129	
1,1-Dichloroethene	0.0200	0.0233	116	70-132	
1,2-Dichloroethane	0.0200	0.0199	100	75-123	
1,2-Dichloropropane	0.0200	0.0212	106	73-124	
Bromodichloromethane	0.0200	0.0239	119	73-124	
Carbon tetrachloride	0.0200	0.0263	131	77-121	*
Chlorobenzene	0.0200	0.0196	98	80-120	
Chloroethane	0.0200	0.0197	98	68-132	
Chloroform	0.0200	0.0218	109	79-126	
Chloromethane	0.0200	0.0195	98	63-130	
cis-1,2-Dichloroethene	0.0200	0.0220	110	80-123	
cis-1,3-Dichloropropene	0.0200	0.0201	100	80-120	
Dibromochloromethane	0.0200	0.0285	143	80-120	*
Methylene Chloride	0.0200	0.0214	107	76-120	
Tetrachloroethene	0.0200	0.0191	95	78-123	
trans-1,2-Dichloroethene	0.0200	0.0224	112	78-120	
trans-1,3-Dichloropropene	0.0200	0.0200	100	80-120	
Trichloroethene	0.0200	0.0204	102	79-120	
Vinyl chloride	0.0200	0.0208	104	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99268.D

Lab ID: LCS 460-872520/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0204	102	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0170	85	66-123	
1,1,2-Trichloroethane	0.0200	0.0185	92	80-120	
1,1-Dichloroethane	0.0200	0.0202	101	77-129	
1,1-Dichloroethene	0.0200	0.0211	105	70-132	
1,2-Dichloroethane	0.0200	0.0189	94	75-123	
1,2-Dichloropropane	0.0200	0.0210	105	73-124	
Bromodichloromethane	0.0200	0.0197	98	73-124	
Carbon tetrachloride	0.0200	0.0203	101	77-121	
Chlorobenzene	0.0200	0.0189	95	80-120	
Chloroethane	0.0200	0.0213	107	68-132	
Chloroform	0.0200	0.0196	98	79-126	
Chloromethane	0.0200	0.0216	108	63-130	
cis-1,2-Dichloroethene	0.0200	0.0199	100	80-123	
cis-1,3-Dichloropropene	0.0200	0.0198	99	80-120	
Dibromochloromethane	0.0200	0.0186	93	80-120	
Methylene Chloride	0.0200	0.0203	101	76-120	
Tetrachloroethene	0.0200	0.0193	97	78-123	
trans-1,2-Dichloroethene	0.0200	0.0201	100	78-120	
trans-1,3-Dichloropropene	0.0200	0.0185	93	80-120	
Trichloroethene	0.0200	0.0210	105	79-120	
Vinyl chloride	0.0200	0.0229	114	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O82879.d

Lab ID: LCS 460-872551/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	1.03	103	80-121	
1,1,2,2-Tetrachloroethane	1.00	1.07	107	74-138	
1,1,2-Trichloroethane	1.00	0.932	93	79-120	
1,1-Dichloroethane	1.00	0.928	93	79-124	
1,1-Dichloroethene	1.00	0.917	92	72-128	
1,2-Dichloroethane	1.00	0.892	89	75-124	
1,2-Dichloropropane	1.00	1.08	108	78-125	
Bromodichloromethane	1.00	0.978	98	77-120	
Carbon tetrachloride	1.00	0.990	99	77-123	
Chlorobenzene	1.00	0.944	94	80-120	
Chloroethane	1.00	1.13	113	68-133	
Chloroform	1.00	0.943	94	80-120	
Chloromethane	1.00	1.18	118	63-130	
cis-1,2-Dichloroethene	1.00	0.901	90	80-120	
cis-1,3-Dichloropropene	1.00	0.924	92	80-120	
Dibromochloromethane	1.00	0.894	89	80-120	
Methylene Chloride	1.00	1.19	119	74-120	
Tetrachloroethene	1.00	0.965	97	77-120	
trans-1,2-Dichloroethene	1.00	0.870	87	77-120	
trans-1,3-Dichloropropene	1.00	0.979	98	80-120	
Trichloroethene	1.00	1.03	103	77-120	
Vinyl chloride	1.00	1.09	109	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99300.D

Lab ID: LCS 460-872654/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0218	109	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0175	87	66-123	
1,1,2-Trichloroethane	0.0200	0.0184	92	80-120	
1,1-Dichloroethane	0.0200	0.0221	111	77-129	
1,1-Dichloroethene	0.0200	0.0234	117	70-132	
1,2-Dichloroethane	0.0200	0.0208	104	75-123	
1,2-Dichloropropane	0.0200	0.0218	109	73-124	
Bromodichloromethane	0.0200	0.0208	104	73-124	
Carbon tetrachloride	0.0200	0.0218	109	77-121	
Chlorobenzene	0.0200	0.0183	91	80-120	
Chloroethane	0.0200	0.0218	109	68-132	
Chloroform	0.0200	0.0211	105	79-126	
Chloromethane	0.0200	0.0222	111	63-130	
cis-1,2-Dichloroethene	0.0200	0.0216	108	80-123	
cis-1,3-Dichloropropene	0.0200	0.0187	93	80-120	
Dibromochloromethane	0.0200	0.0177	88	80-120	
Methylene Chloride	0.0200	0.0225	113	76-120	
Tetrachloroethene	0.0200	0.0180	90	78-123	
trans-1,2-Dichloroethene	0.0200	0.0220	110	78-120	
trans-1,3-Dichloropropene	0.0200	0.0176	88	80-120	
Trichloroethene	0.0200	0.0218	109	79-120	
Vinyl chloride	0.0200	0.0235	117	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O82911.d

Lab ID: LCS 460-872711/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	1.12	112	80-121	
1,1,2,2-Tetrachloroethane	1.00	1.13	113	74-138	
1,1,2-Trichloroethane	1.00	1.12	112	79-120	
1,1-Dichloroethane	1.00	1.17	117	79-124	
1,1-Dichloroethene	1.00	1.13	113	72-128	
1,2-Dichloroethane	1.00	1.04	104	75-124	
1,2-Dichloropropane	1.00	1.24	124	78-125	
Bromodichloromethane	1.00	1.09	109	77-120	
Carbon tetrachloride	1.00	1.07	107	77-123	
Chlorobenzene	1.00	1.03	103	80-120	
Chloroethane	1.00	1.10	110	68-133	
Chloroform	1.00	1.10	110	80-120	
Chloromethane	1.00	1.13	113	63-130	
cis-1,2-Dichloroethene	1.00	1.02	102	80-120	
cis-1,3-Dichloropropene	1.00	1.08	108	80-120	
Dibromochloromethane	1.00	0.996	100	80-120	
Methylene Chloride	1.00	1.34	134	74-120	*
Tetrachloroethene	1.00	1.13	113	77-120	
trans-1,2-Dichloroethene	1.00	1.11	111	77-120	
trans-1,3-Dichloropropene	1.00	1.17	117	80-120	
Trichloroethene	1.00	1.19	119	77-120	
Vinyl chloride	1.00	1.04	104	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99373.D

Lab ID: LCS 460-872987/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0169	85	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0187	93	66-123	
1,1,2-Trichloroethane	0.0200	0.0200	100	80-120	
1,1-Dichloroethane	0.0200	0.0184	92	77-129	
1,1-Dichloroethene	0.0200	0.0174	87	70-132	
1,2-Dichloroethane	0.0200	0.0174	87	75-123	
1,2-Dichloropropane	0.0200	0.0190	95	73-124	
Bromodichloromethane	0.0200	0.0168	84	73-124	
Carbon tetrachloride	0.0200	0.0169	85	77-121	
Chlorobenzene	0.0200	0.0195	97	80-120	
Chloroethane	0.0200	0.0186	93	68-132	
Chloroform	0.0200	0.0166	83	79-126	
Chloromethane	0.0200	0.0202	101	63-130	
cis-1,2-Dichloroethene	0.0200	0.0164	82	80-123	
cis-1,3-Dichloropropene	0.0200	0.0213	107	80-120	
Dibromochloromethane	0.0200	0.0190	95	80-120	
Methylene Chloride	0.0200	0.0171	85	76-120	
Tetrachloroethene	0.0200	0.0184	92	78-123	
trans-1,2-Dichloroethene	0.0200	0.0165	83	78-120	
trans-1,3-Dichloropropene	0.0200	0.0204	102	80-120	
Trichloroethene	0.0200	0.0171	85	79-120	
Vinyl chloride	0.0200	0.0188	94	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O83005.d

Lab ID: LCS 460-873205/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	0.945	94	80-121	
1,1,2,2-Tetrachloroethane	1.00	1.04	104	74-138	
1,1,2-Trichloroethane	1.00	0.979	98	79-120	
1,1-Dichloroethane	1.00	0.958	96	79-124	
1,1-Dichloroethene	1.00	0.934	93	72-128	
1,2-Dichloroethane	1.00	0.969	97	75-124	
1,2-Dichloropropane	1.00	1.04	104	78-125	
Bromodichloromethane	1.00	0.977	98	77-120	
Carbon tetrachloride	1.00	1.00	100	77-123	
Chlorobenzene	1.00	1.02	102	80-120	
Chloroethane	1.00	0.958	96	68-133	
Chloroform	1.00	0.937	94	80-120	
Chloromethane	1.00	0.896	90	63-130	
cis-1,2-Dichloroethene	1.00	0.946	95	80-120	
cis-1,3-Dichloropropene	1.00	1.01	101	80-120	
Dibromochloromethane	1.00	0.965	97	80-120	
Methylene Chloride	1.00	1.03	103	74-120	
Tetrachloroethene	1.00	1.02	102	77-120	
trans-1,2-Dichloroethene	1.00	0.912	91	77-120	
trans-1,3-Dichloropropene	1.00	1.10	110	80-120	
Trichloroethene	1.00	0.996	100	77-120	
Vinyl chloride	1.00	0.923	92	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V26577.D

Lab ID: LCSD 460-872260/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.1	105	4	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	8	30	63-139	
1,1,2-Trichloroethane	20.0	18.3	91	7	30	74-125	
1,1-Dichloroethane	20.0	20.0	100	1	30	73-130	
1,1-Dichloroethene	20.0	21.3	106	1	30	68-133	
1,2-Dichloroethane	20.0	20.4	102	4	30	66-129	
1,2-Dichloropropane	20.0	17.6	88	6	30	68-128	
Bromodichloromethane	20.0	19.8	99	3	30	76-121	
Carbon tetrachloride	20.0	21.7	109	3	30	61-131	
Chlorobenzene	20.0	19.3	96	6	30	80-120	
Chloroethane	20.0	16.2	81	3	30	42-150	
Chloroform	20.0	20.2	101	4	30	78-125	
Chloromethane	20.0	13.9	70	4	30	43-150	
cis-1,2-Dichloroethene	20.0	20.7	104	2	30	78-121	
cis-1,3-Dichloropropene	20.0	19.1	95	7	30	74-125	
Dibromochloromethane	20.0	19.0	95	9	30	62-130	
Methylene Chloride	20.0	20.4	102	2	30	74-127	
Tetrachloroethene	20.0	21.2	106	8	30	70-127	
trans-1,2-Dichloroethene	20.0	20.5	102	1	30	74-126	
trans-1,3-Dichloropropene	20.0	18.7	94	8	30	66-127	
Trichloroethene	20.0	20.4	102	6	30	71-121	
Vinyl chloride	20.0	15.9	79	1	30	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99219.D

Lab ID: LCSD 460-872315/19 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0189	95	26	30	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0171	85	10	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0185	93	10	30	80-120	
1,1-Dichloroethane	0.0200	0.0179	89	19	30	77-129	
1,1-Dichloroethene	0.0200	0.0193	96	27	30	70-132	
1,2-Dichloroethane	0.0200	0.0174	87	11	30	75-123	
1,2-Dichloropropane	0.0200	0.0187	94	15	30	73-124	
Bromodichloromethane	0.0200	0.0178	89	12	30	73-124	
Carbon tetrachloride	0.0200	0.0189	95	28	30	77-121	
Chlorobenzene	0.0200	0.0184	92	19	30	80-120	
Chloroethane	0.0200	0.0188	94	20	30	68-132	
Chloroform	0.0200	0.0178	89	18	30	79-126	
Chloromethane	0.0200	0.0181	90	19	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0180	90	18	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0184	92	11	30	80-120	
Dibromochloromethane	0.0200	0.0181	90	13	30	80-120	
Methylene Chloride	0.0200	0.0185	92	14	30	76-120	
Tetrachloroethene	0.0200	0.0193	96	28	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0184	92	22	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0182	91	10	30	80-120	
Trichloroethene	0.0200	0.0190	95	23	30	79-120	
Vinyl chloride	0.0200	0.0221	111	21	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B93111.D

Lab ID: LCSD 460-872317/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0226	113	0	30	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0178	89	11	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0184	92	7	30	80-120	
1,1-Dichloroethane	0.0200	0.0203	102	1	30	77-129	
1,1-Dichloroethene	0.0200	0.0216	108	1	30	70-132	
1,2-Dichloroethane	0.0200	0.0198	99	5	30	75-123	
1,2-Dichloropropane	0.0200	0.0200	100	5	30	73-124	
Bromodichloromethane	0.0200	0.0197	98	3	30	73-124	
Carbon tetrachloride	0.0200	0.0222	111	2	30	77-121	
Chlorobenzene	0.0200	0.0183	92	3	30	80-120	
Chloroethane	0.0200	0.0191	96	8	30	68-132	
Chloroform	0.0200	0.0206	103	5	30	79-126	
Chloromethane	0.0200	0.0175	88	8	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0213	106	2	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0184	92	7	30	80-120	
Dibromochloromethane	0.0200	0.0178	89	6	30	80-120	
Methylene Chloride	0.0200	0.0233	116	6	30	76-120	
Tetrachloroethene	0.0200	0.0196	98	3	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0229	114	1	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0184	92	8	30	80-120	
Trichloroethene	0.0200	0.0213	107	4	30	79-120	
Vinyl chloride	0.0200	0.0167	84	13	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K39150.D

Lab ID: LCSD 460-872353/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0243	122	7	30	78-120	*
1,1,2,2-Tetrachloroethane	0.0200	0.0215	108	14	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0201	100	3	30	80-120	
1,1-Dichloroethane	0.0200	0.0237	118	5	30	77-129	
1,1-Dichloroethene	0.0200	0.0240	120	1	30	70-132	
1,2-Dichloroethane	0.0200	0.0205	102	5	30	75-123	
1,2-Dichloropropane	0.0200	0.0225	112	8	30	73-124	
Bromodichloromethane	0.0200	0.0242	121	3	30	73-124	
Carbon tetrachloride	0.0200	0.0278	139	5	30	77-121	*
Chlorobenzene	0.0200	0.0201	101	5	30	80-120	
Chloroethane	0.0200	0.0178	89	0	30	68-132	
Chloroform	0.0200	0.0226	113	6	30	79-126	
Chloromethane	0.0200	0.0158	79	10	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0229	115	7	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0209	104	4	30	80-120	
Dibromochloromethane	0.0200	0.0301	151	13	30	80-120	*
Methylene Chloride	0.0200	0.0222	111	5	30	76-120	
Tetrachloroethene	0.0200	0.0208	104	7	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0238	119	8	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0212	106	11	30	80-120	
Trichloroethene	0.0200	0.0211	105	1	30	79-120	
Vinyl chloride	0.0200	0.0178	89	8	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V26613.D

Lab ID: LCSD 460-872367/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.6	108	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	3	30	63-139	
1,1,2-Trichloroethane	20.0	19.7	98	3	30	74-125	
1,1-Dichloroethane	20.0	20.1	101	3	30	73-130	
1,1-Dichloroethene	20.0	21.3	107	1	30	68-133	
1,2-Dichloroethane	20.0	21.4	107	2	30	66-129	
1,2-Dichloropropane	20.0	19.1	96	6	30	68-128	
Bromodichloromethane	20.0	20.3	101	2	30	76-121	
Carbon tetrachloride	20.0	22.4	112	2	30	61-131	
Chlorobenzene	20.0	20.6	103	2	30	80-120	
Chloroethane	20.0	17.7	88	5	30	42-150	
Chloroform	20.0	20.8	104	0	30	78-125	
Chloromethane	20.0	16.3	82	7	30	43-150	
cis-1,2-Dichloroethene	20.0	21.3	107	1	30	78-121	
cis-1,3-Dichloropropene	20.0	20.5	103	1	30	74-125	
Dibromochloromethane	20.0	21.0	105	2	30	62-130	
Methylene Chloride	20.0	20.8	104	2	30	74-127	
Tetrachloroethene	20.0	22.8	114	0	30	70-127	
trans-1,2-Dichloroethene	20.0	21.0	105	1	30	74-126	
trans-1,3-Dichloropropene	20.0	19.6	98	1	30	66-127	
Trichloroethene	20.0	21.0	105	2	30	71-121	
Vinyl chloride	20.0	18.1	90	6	30	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B93143.D

Lab ID: LCSD 460-872430/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0217	109	1	30	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0175	88	8	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0181	90	5	30	80-120	
1,1-Dichloroethane	0.0200	0.0205	103	4	30	77-129	
1,1-Dichloroethene	0.0200	0.0214	107	0	30	70-132	
1,2-Dichloroethane	0.0200	0.0198	99	7	30	75-123	
1,2-Dichloropropane	0.0200	0.0195	97	4	30	73-124	
Bromodichloromethane	0.0200	0.0194	97	4	30	73-124	
Carbon tetrachloride	0.0200	0.0220	110	5	30	77-121	
Chlorobenzene	0.0200	0.0180	90	1	30	80-120	
Chloroethane	0.0200	0.0226	113	3	30	68-132	
Chloroform	0.0200	0.0202	101	3	30	79-126	
Chloromethane	0.0200	0.0212	106	0	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0210	105	2	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0175	88	3	30	80-120	
Dibromochloromethane	0.0200	0.0172	86	5	30	80-120	
Methylene Chloride	0.0200	0.0224	112	8	30	76-120	
Tetrachloroethene	0.0200	0.0194	97	1	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0229	115	4	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0176	88	5	30	80-120	
Trichloroethene	0.0200	0.0209	105	1	30	79-120	
Vinyl chloride	0.0200	0.0207	103	4	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99238.D

Lab ID: LCSD 460-872434/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0202	101	3	30	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0182	91	7	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0186	93	1	30	80-120	
1,1-Dichloroethane	0.0200	0.0198	99	3	30	77-129	
1,1-Dichloroethene	0.0200	0.0212	106	5	30	70-132	
1,2-Dichloroethane	0.0200	0.0190	95	2	30	75-123	
1,2-Dichloropropane	0.0200	0.0198	99	1	30	73-124	
Bromodichloromethane	0.0200	0.0192	96	1	30	73-124	
Carbon tetrachloride	0.0200	0.0207	103	4	30	77-121	
Chlorobenzene	0.0200	0.0187	93	1	30	80-120	
Chloroethane	0.0200	0.0207	103	10	30	68-132	
Chloroform	0.0200	0.0192	96	2	30	79-126	
Chloromethane	0.0200	0.0205	102	10	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0197	98	2	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0193	97	1	30	80-120	
Dibromochloromethane	0.0200	0.0189	95	1	30	80-120	
Methylene Chloride	0.0200	0.0197	99	1	30	76-120	
Tetrachloroethene	0.0200	0.0196	98	3	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0201	101	5	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0188	94	1	30	80-120	
Trichloroethene	0.0200	0.0205	102	2	30	79-120	
Vinyl chloride	0.0200	0.0224	112	12	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K39178.D

Lab ID: LCSD 460-872456/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0245	123	8	30	78-120	*
1,1,2,2-Tetrachloroethane	0.0200	0.0203	102	2	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0197	99	1	30	80-120	
1,1-Dichloroethane	0.0200	0.0235	118	4	30	77-129	
1,1-Dichloroethene	0.0200	0.0234	117	0	30	70-132	
1,2-Dichloroethane	0.0200	0.0204	102	2	30	75-123	
1,2-Dichloropropane	0.0200	0.0215	107	1	30	73-124	
Bromodichloromethane	0.0200	0.0236	118	1	30	73-124	
Carbon tetrachloride	0.0200	0.0297	148	12	30	77-121	*
Chlorobenzene	0.0200	0.0193	96	2	30	80-120	
Chloroethane	0.0200	0.0204	102	3	30	68-132	
Chloroform	0.0200	0.0218	109	0	30	79-126	
Chloromethane	0.0200	0.0188	94	4	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0222	111	1	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0198	99	1	30	80-120	
Dibromochloromethane	0.0200	0.0287	143	1	30	80-120	*
Methylene Chloride	0.0200	0.0212	106	1	30	76-120	
Tetrachloroethene	0.0200	0.0199	100	4	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0225	113	1	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0193	97	3	30	80-120	
Trichloroethene	0.0200	0.0206	103	1	30	79-120	
Vinyl chloride	0.0200	0.0221	111	6	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99269.D

Lab ID: LCSD 460-872520/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0198	99	3	30	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0164	82	4	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0180	90	3	30	80-120	
1,1-Dichloroethane	0.0200	0.0197	98	2	30	77-129	
1,1-Dichloroethene	0.0200	0.0209	104	1	30	70-132	
1,2-Dichloroethane	0.0200	0.0186	93	2	30	75-123	
1,2-Dichloropropane	0.0200	0.0203	101	3	30	73-124	
Bromodichloromethane	0.0200	0.0191	95	3	30	73-124	
Carbon tetrachloride	0.0200	0.0199	100	2	30	77-121	
Chlorobenzene	0.0200	0.0181	91	4	30	80-120	
Chloroethane	0.0200	0.0199	100	7	30	68-132	
Chloroform	0.0200	0.0193	96	2	30	79-126	
Chloromethane	0.0200	0.0199	100	8	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0197	99	1	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0188	94	5	30	80-120	
Dibromochloromethane	0.0200	0.0178	89	4	30	80-120	
Methylene Chloride	0.0200	0.0201	100	1	30	76-120	
Tetrachloroethene	0.0200	0.0187	94	3	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0203	102	1	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0182	91	2	30	80-120	
Trichloroethene	0.0200	0.0202	101	4	30	79-120	
Vinyl chloride	0.0200	0.0215	108	6	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O82880.d

Lab ID: LCSD 460-872551/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	0.982	98	4	30	80-121	
1,1,2,2-Tetrachloroethane	1.00	1.06	106	0	30	74-138	
1,1,2-Trichloroethane	1.00	0.910	91	2	30	79-120	
1,1-Dichloroethane	1.00	0.930	93	0	30	79-124	
1,1-Dichloroethene	1.00	0.972	97	6	30	72-128	
1,2-Dichloroethane	1.00	0.885	89	1	30	75-124	
1,2-Dichloropropane	1.00	1.04	104	4	30	78-125	
Bromodichloromethane	1.00	0.963	96	2	30	77-120	
Carbon tetrachloride	1.00	0.953	95	4	30	77-123	
Chlorobenzene	1.00	0.905	90	4	30	80-120	
Chloroethane	1.00	1.06	106	7	30	68-133	
Chloroform	1.00	0.951	95	1	30	80-120	
Chloromethane	1.00	1.07	107	10	30	63-130	
cis-1,2-Dichloroethene	1.00	0.915	91	1	30	80-120	
cis-1,3-Dichloropropene	1.00	0.904	90	2	30	80-120	
Dibromochloromethane	1.00	0.886	89	1	30	80-120	
Methylene Chloride	1.00	1.10	110	7	30	74-120	
Tetrachloroethene	1.00	0.950	95	2	30	77-120	
trans-1,2-Dichloroethene	1.00	0.904	90	4	30	77-120	
trans-1,3-Dichloropropene	1.00	0.972	97	1	30	80-120	
Trichloroethene	1.00	0.982	98	5	30	77-120	
Vinyl chloride	1.00	1.00	100	8	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99301.D

Lab ID: LCSD 460-872654/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0205	102	6	30	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0166	83	5	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0177	88	4	30	80-120	
1,1-Dichloroethane	0.0200	0.0205	103	8	30	77-129	
1,1-Dichloroethene	0.0200	0.0218	109	7	30	70-132	
1,2-Dichloroethane	0.0200	0.0194	97	7	30	75-123	
1,2-Dichloropropane	0.0200	0.0207	103	6	30	73-124	
Bromodichloromethane	0.0200	0.0193	96	8	30	73-124	
Carbon tetrachloride	0.0200	0.0207	104	5	30	77-121	
Chlorobenzene	0.0200	0.0178	89	2	30	80-120	
Chloroethane	0.0200	0.0190	95	14	30	68-132	
Chloroform	0.0200	0.0199	99	6	30	79-126	
Chloromethane	0.0200	0.0189	95	16	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0203	102	6	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0186	93	0	30	80-120	
Dibromochloromethane	0.0200	0.0174	87	1	30	80-120	
Methylene Chloride	0.0200	0.0203	101	10	30	76-120	
Tetrachloroethene	0.0200	0.0185	93	3	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0205	102	7	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0180	90	2	30	80-120	
Trichloroethene	0.0200	0.0208	104	4	30	79-120	
Vinyl chloride	0.0200	0.0207	103	13	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O82912.d

Lab ID: LCSD 460-872711/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	0.931	93	18	30	80-121	
1,1,2,2-Tetrachloroethane	1.00	1.13	113	1	30	74-138	
1,1,2-Trichloroethane	1.00	0.917	92	20	30	79-120	
1,1-Dichloroethane	1.00	0.908	91	25	30	79-124	
1,1-Dichloroethene	1.00	0.769	77	38	30	72-128	*
1,2-Dichloroethane	1.00	0.874	87	18	30	75-124	
1,2-Dichloropropane	1.00	0.963	96	25	30	78-125	
Bromodichloromethane	1.00	0.831	83	27	30	77-120	
Carbon tetrachloride	1.00	0.824	82	26	30	77-123	
Chlorobenzene	1.00	0.919	92	12	30	80-120	
Chloroethane	1.00	0.938	94	16	30	68-133	
Chloroform	1.00	0.875	87	23	30	80-120	
Chloromethane	1.00	0.973	97	15	30	63-130	
cis-1,2-Dichloroethene	1.00	0.863	86	16	30	80-120	
cis-1,3-Dichloropropene	1.00	0.865	86	22	30	80-120	
Dibromochloromethane	1.00	0.849	85	16	30	80-120	
Methylene Chloride	1.00	1.08	108	21	30	74-120	
Tetrachloroethene	1.00	0.936	94	19	30	77-120	
trans-1,2-Dichloroethene	1.00	0.864	86	25	30	77-120	
trans-1,3-Dichloropropene	1.00	0.962	96	20	30	80-120	
Trichloroethene	1.00	0.928	93	25	30	77-120	
Vinyl chloride	1.00	0.846	85	20	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99374.D

Lab ID: LCSD 460-872987/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0168	84	1	30	78-120	
1,1,2,2-Tetrachloroethane	0.0200	0.0197	98	5	30	66-123	
1,1,2-Trichloroethane	0.0200	0.0200	100	0	30	80-120	
1,1-Dichloroethane	0.0200	0.0185	92	0	30	77-129	
1,1-Dichloroethene	0.0200	0.0171	85	2	30	70-132	
1,2-Dichloroethane	0.0200	0.0175	87	0	30	75-123	
1,2-Dichloropropane	0.0200	0.0192	96	1	30	73-124	
Bromodichloromethane	0.0200	0.0172	86	2	30	73-124	
Carbon tetrachloride	0.0200	0.0170	85	0	30	77-121	
Chlorobenzene	0.0200	0.0199	99	2	30	80-120	
Chloroethane	0.0200	0.0195	97	4	30	68-132	
Chloroform	0.0200	0.0169	84	1	30	79-126	
Chloromethane	0.0200	0.0211	105	4	30	63-130	
cis-1,2-Dichloroethene	0.0200	0.0167	83	2	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0219	110	3	30	80-120	
Dibromochloromethane	0.0200	0.0190	95	0	30	80-120	
Methylene Chloride	0.0200	0.0175	87	2	30	76-120	
Tetrachloroethene	0.0200	0.0189	94	2	30	78-123	
trans-1,2-Dichloroethene	0.0200	0.0169	84	2	30	78-120	
trans-1,3-Dichloropropene	0.0200	0.0207	103	1	30	80-120	
Trichloroethene	0.0200	0.0176	88	3	30	79-120	
Vinyl chloride	0.0200	0.0196	98	4	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O83006.d

Lab ID: LCSD 460-873205/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	1.06	106	11	30	80-121	
1,1,2,2-Tetrachloroethane	1.00	1.11	111	7	30	74-138	
1,1,2-Trichloroethane	1.00	1.10	110	12	30	79-120	
1,1-Dichloroethane	1.00	1.04	104	9	30	79-124	
1,1-Dichloroethene	1.00	1.06	106	13	30	72-128	
1,2-Dichloroethane	1.00	1.02	102	5	30	75-124	
1,2-Dichloropropane	1.00	1.12	112	8	30	78-125	
Bromodichloromethane	1.00	1.07	107	9	30	77-120	
Carbon tetrachloride	1.00	1.11	111	10	30	77-123	
Chlorobenzene	1.00	1.10	110	8	30	80-120	
Chloroethane	1.00	1.06	106	10	30	68-133	
Chloroform	1.00	1.03	103	10	30	80-120	
Chloromethane	1.00	0.978	98	9	30	63-130	
cis-1,2-Dichloroethene	1.00	1.05	105	11	30	80-120	
cis-1,3-Dichloropropene	1.00	1.10	110	8	30	80-120	
Dibromochloromethane	1.00	1.10	110	13	30	80-120	
Methylene Chloride	1.00	1.08	108	5	30	74-120	
Tetrachloroethene	1.00	1.18	118	14	30	77-120	
trans-1,2-Dichloroethene	1.00	1.02	102	11	30	77-120	
trans-1,3-Dichloropropene	1.00	1.21	121	9	30	80-120	*
Trichloroethene	1.00	1.08	108	9	30	77-120	
Vinyl chloride	1.00	1.05	105	13	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B93164.D

Lab ID: 460-267360-1 MS Client ID: L2-RI-SB-10B_15-16_20221012 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0211	0.0010 U	0.0179	85	78-120	
1,1,2,2-Tetrachloroethane	0.0211	0.0010 U	0.0116	55	66-123	*
1,1,2-Trichloroethane	0.0211	0.0010 U	0.0140	66	80-120	*
1,1-Dichloroethane	0.0211	0.0010 U	0.0195	92	77-129	
1,1-Dichloroethene	0.0211	0.0010 U	0.0211	100	70-132	
1,2-Dichloroethane	0.0211	0.0010 U	0.0175	83	75-123	
1,2-Dichloropropane	0.0211	0.0010 U	0.0166	78	73-124	
Bromodichloromethane	0.0211	0.0010 U	0.0152	72	73-124	*
Carbon tetrachloride	0.0211	0.0010 U	0.0162	77	77-121	
Chlorobenzene	0.0211	0.0010 U	0.00970	46	80-120	*
Chloroethane	0.0211	0.0010 U	0.0244	116	68-132	
Chloroform	0.0211	0.0010 U	0.0175	83	79-126	
Chloromethane	0.0211	0.0010 U	0.0242	115	63-130	
cis-1,2-Dichloroethene	0.0211	0.0010 U	0.0191	90	80-123	
cis-1,3-Dichloropropene	0.0211	0.0010 U	0.0144	68	80-120	*
Dibromochloromethane	0.0211	0.0010 U	0.0119	57	80-120	*
Methylene Chloride	0.0211	0.0021 U	0.0217	103	76-120	
Tetrachloroethene	0.0211	0.0072	0.0323	119	78-123	
trans-1,2-Dichloroethene	0.0211	0.0010 U	0.0205	97	78-120	
trans-1,3-Dichloropropene	0.0211	0.0010 U	0.0124	59	80-120	*
Trichloroethene	0.0211	0.0078	0.0538	217	79-120	*
Vinyl chloride	0.0211	0.0010 U	0.0244	115	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99231.D

Lab ID: 460-267458-2 MS Client ID: L3-PP-SB-1_6-8_20221013 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0240	0.0010 U	0.0191	79	78-120	
1,1,2,2-Tetrachloroethane	0.0240	0.0010 U	0.0159	66	66-123	
1,1,2-Trichloroethane	0.0240	0.0010 U	0.0184	77	80-120	*
1,1-Dichloroethane	0.0240	0.0010 U	0.0190	79	77-129	
1,1-Dichloroethene	0.0240	0.0010 U	0.0202	84	70-132	
1,2-Dichloroethane	0.0240	0.0010 U	0.0172	72	75-123	*
1,2-Dichloropropane	0.0240	0.0010 U	0.0194	81	73-124	
Bromodichloromethane	0.0240	0.0010 U	0.0179	75	73-124	
Carbon tetrachloride	0.0240	0.0010 U	0.0190	79	77-121	
Chlorobenzene	0.0240	0.0010 U	0.0189	79	80-120	*
Chloroethane	0.0240	0.0010 U	0.0191	80	68-132	
Chloroform	0.0240	0.0010 U	0.0185	77	79-126	*
Chloromethane	0.0240	0.0010 U	0.0190	79	63-130	
cis-1,2-Dichloroethene	0.0240	0.0010 U	0.0187	78	80-123	*
cis-1,3-Dichloropropene	0.0240	0.0010 U	0.0183	76	80-120	*
Dibromochloromethane	0.0240	0.0010 U	0.0177	74	80-120	*
Methylene Chloride	0.0240	0.0020 U	0.0190	79	76-120	
Tetrachloroethene	0.0240	0.0010 U	0.0194	81	78-123	
trans-1,2-Dichloroethene	0.0240	0.0010 U	0.0191	80	78-120	
trans-1,3-Dichloropropene	0.0240	0.0010 U	0.0175	73	80-120	*
Trichloroethene	0.0240	0.0010 U	0.0196	82	79-120	
Vinyl chloride	0.0240	0.0010 U	0.0221	92	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O83025.d

Lab ID: 460-267521-3 MS Client ID: L3-PP-SB-2_5-6_20221013 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2.62	0.13 U	2.13	81	80-121	
1,1,2,2-Tetrachloroethane	2.62	0.13 U	2.48	95	74-138	
1,1,2-Trichloroethane	2.62	0.13 U	2.35	90	79-120	
1,1-Dichloroethane	2.62	0.13 U	2.56	98	79-124	
1,1-Dichloroethene	2.62	0.13 U	2.60	99	72-128	
1,2-Dichloroethane	2.62	0.13 U	2.30	88	75-124	
1,2-Dichloropropane	2.62	0.13 U	2.48	95	78-125	
Bromodichloromethane	2.62	0.13 U	2.18	83	77-120	
Carbon tetrachloride	2.62	0.13 U	2.17	83	77-123	
Chlorobenzene	2.62	0.13 U	2.52	96	80-120	
Chloroethane	2.62	0.13 U	0.778	30	68-133	*
Chloroform	2.62	0.13 U	2.39	91	80-120	
Chloromethane	2.62	0.13 U	2.42	92	63-130	
cis-1,2-Dichloroethene	2.62	0.16	2.47	88	80-120	
cis-1,3-Dichloropropene	2.62	0.13 U	2.34	89	80-120	
Dibromochloromethane	2.62	0.13 U	2.09	80	80-120	
Methylene Chloride	2.62	0.068 J	2.85	106	74-120	
Tetrachloroethene	2.62	0.13 U	2.53	97	77-120	
trans-1,2-Dichloroethene	2.62	0.045 J	2.21	83	77-120	
trans-1,3-Dichloropropene	2.62	0.13 U	2.49	95	80-120	
Trichloroethene	2.62	17	23.9	258	77-120	*
Vinyl chloride	2.62	0.13 U	2.21	85	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O82722.d

Lab ID: 460-267283-C-5 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.1	95	68-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	22.2	111	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	18.8	94	74-125	
1,1-Dichloroethane	20.0	1.0 U	18.8	94	73-130	
1,1-Dichloroethene	20.0	1.0 U	19.2	96	68-133	
1,2-Dichloroethane	20.0	1.0 U	18.1	90	66-129	
1,2-Dichloropropane	20.0	1.0 U	19.7	99	68-128	
Bromodichloromethane	20.0	1.0 U	19.0	95	76-121	
Carbon tetrachloride	20.0	1.0 U	18.7	93	61-131	
Chlorobenzene	20.0	1.0 U	19.2	96	80-120	
Chloroethane	20.0	1.0 U	22.4	112	42-150	
Chloroform	20.0	1.0 U	19.3	96	78-125	
Chloromethane	20.0	1.0 U	21.2	106	43-150	
cis-1,2-Dichloroethene	20.0	1.0 U	18.9	94	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	18.5	92	74-125	
Dibromochloromethane	20.0	1.0 U	18.8	94	62-130	
Methylene Chloride	20.0	1.0 U	20.7	103	74-127	
Tetrachloroethene	20.0	1.0 U	20.4	102	70-127	
trans-1,2-Dichloroethene	20.0	1.0 U	18.8	94	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	19.0	95	66-127	
Trichloroethene	20.0	1.0 U	18.7	93	71-121	
Vinyl chloride	20.0	1.0 U	19.8	99	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V26602.D

Lab ID: 460-267472-A-3 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	40.0	2.0 U	42.8	107	68-128	
1,1,2,2-Tetrachloroethane	40.0	2.0 U	35.0	87	63-139	
1,1,2-Trichloroethane	40.0	2.0 U	35.7	89	74-125	
1,1-Dichloroethane	40.0	13	53.5	102	73-130	
1,1-Dichloroethene	40.0	2.0 U	41.4	104	68-133	
1,2-Dichloroethane	40.0	2.0 U	41.6	104	66-129	
1,2-Dichloropropane	40.0	2.0 U	37.1	93	68-128	
Bromodichloromethane	40.0	2.0 U	40.0	100	76-121	
Carbon tetrachloride	40.0	2.0 U	45.3	113	61-131	
Chlorobenzene	40.0	32	71.0	97	80-120	
Chloroethane	40.0	2.0 U	34.2	85	42-150	
Chloroform	40.0	2.0 U	42.0	105	78-125	
Chloromethane	40.0	2.0 U	31.0	78	43-150	
cis-1,2-Dichloroethene	40.0	2.0 U	41.9	105	78-121	
cis-1,3-Dichloropropene	40.0	2.0 U	35.3	88	74-125	
Dibromochloromethane	40.0	2.0 U	39.2	98	62-130	
Methylene Chloride	40.0	2.0 U	42.4	106	74-127	
Tetrachloroethene	40.0	0.96 J	43.5	106	70-127	
trans-1,2-Dichloroethene	40.0	0.66 J	41.4	102	74-126	
trans-1,3-Dichloropropene	40.0	2.0 U	33.3	83	66-127	
Trichloroethene	40.0	2.0 U	41.1	103	71-121	
Vinyl chloride	40.0	0.92 J	34.8	85	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B93165.D

Lab ID: 460-267360-1 MSD Client ID: L2-RI-SB-10B_15-16_20221012 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0208	0.0173	83	3	30	78-120	
1,1,2,2-Tetrachloroethane	0.0208	0.0138	67	18	30	66-123	
1,1,2-Trichloroethane	0.0208	0.0158	76	12	30	80-120	*
1,1-Dichloroethane	0.0208	0.0201	97	3	30	77-129	
1,1-Dichloroethene	0.0208	0.0198	96	6	30	70-132	
1,2-Dichloroethane	0.0208	0.0193	93	10	30	75-123	
1,2-Dichloropropane	0.0208	0.0175	84	5	30	73-124	
Bromodichloromethane	0.0208	0.0164	79	8	30	73-124	
Carbon tetrachloride	0.0208	0.0158	76	3	30	77-121	*
Chlorobenzene	0.0208	0.0111	53	13	30	80-120	*
Chloroethane	0.0208	0.0234	113	4	30	68-132	
Chloroform	0.0208	0.0184	89	5	30	79-126	
Chloromethane	0.0208	0.0228	110	6	30	63-130	
cis-1,2-Dichloroethene	0.0208	0.0200	96	4	30	80-123	
cis-1,3-Dichloropropene	0.0208	0.0161	77	11	30	80-120	*
Dibromochloromethane	0.0208	0.0136	66	13	30	80-120	*
Methylene Chloride	0.0208	0.0218	105	0	30	76-120	
Tetrachloroethene	0.0208	0.0250	86	25	30	78-123	
trans-1,2-Dichloroethene	0.0208	0.0218	105	6	30	78-120	
trans-1,3-Dichloropropene	0.0208	0.0150	72	19	30	80-120	*
Trichloroethene	0.0208	0.0306	110	55	30	79-120	*
Vinyl chloride	0.0208	0.0224	108	8	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D99232.D

Lab ID: 460-267458-2 MSD Client ID: L3-PP-SB-1_6-8_20221013 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0211	0.0173	82	10	30	78-120	
1,1,2,2-Tetrachloroethane	0.0211	0.0148	70	7	30	66-123	
1,1,2-Trichloroethane	0.0211	0.0160	76	14	30	80-120	*
1,1-Dichloroethane	0.0211	0.0170	80	11	30	77-129	
1,1-Dichloroethene	0.0211	0.0185	88	9	30	70-132	
1,2-Dichloroethane	0.0211	0.0150	71	14	30	75-123	*
1,2-Dichloropropane	0.0211	0.0172	81	12	30	73-124	
Bromodichloromethane	0.0211	0.0160	76	11	30	73-124	
Carbon tetrachloride	0.0211	0.0171	81	11	30	77-121	
Chlorobenzene	0.0211	0.0165	78	14	30	80-120	*
Chloroethane	0.0211	0.0175	83	9	30	68-132	
Chloroform	0.0211	0.0166	79	11	30	79-126	
Chloromethane	0.0211	0.0173	82	9	30	63-130	
cis-1,2-Dichloroethene	0.0211	0.0168	79	11	30	80-123	*
cis-1,3-Dichloropropene	0.0211	0.0161	76	13	30	80-120	*
Dibromochloromethane	0.0211	0.0152	72	15	30	80-120	*
Methylene Chloride	0.0211	0.0171	81	10	30	76-120	
Tetrachloroethene	0.0211	0.0169	80	14	30	78-123	
trans-1,2-Dichloroethene	0.0211	0.0170	81	11	30	78-120	
trans-1,3-Dichloropropene	0.0211	0.0152	72	14	30	80-120	*
Trichloroethene	0.0211	0.0174	82	12	30	79-120	
Vinyl chloride	0.0211	0.0213	101	4	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: O83026.d

Lab ID: 460-267521-3 MSD Client ID: L3-PP-SB-2_5-6_20221013 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	2.62	2.45	93	14	30	80-121	
1,1,2,2-Tetrachloroethane	2.62	2.79	106	12	30	74-138	
1,1,2-Trichloroethane	2.62	2.57	98	9	30	79-120	
1,1-Dichloroethane	2.62	2.80	107	9	30	79-124	
1,1-Dichloroethene	2.62	2.96	113	13	30	72-128	
1,2-Dichloroethane	2.62	2.53	97	10	30	75-124	
1,2-Dichloropropane	2.62	2.76	105	11	30	78-125	
Bromodichloromethane	2.62	2.45	93	12	30	77-120	
Carbon tetrachloride	2.62	2.49	95	14	30	77-123	
Chlorobenzene	2.62	2.74	105	8	30	80-120	
Chloroethane	2.62	0.795	30	2	30	68-133	*
Chloroform	2.62	2.60	99	9	30	80-120	
Chloromethane	2.62	2.72	104	11	30	63-130	
cis-1,2-Dichloroethene	2.62	2.85	103	15	30	80-120	
cis-1,3-Dichloropropene	2.62	2.61	100	11	30	80-120	
Dibromochloromethane	2.62	2.37	90	12	30	80-120	
Methylene Chloride	2.62	3.22	120	12	30	74-120	
Tetrachloroethene	2.62	2.87	109	12	30	77-120	
trans-1,2-Dichloroethene	2.62	2.61	98	17	30	77-120	
trans-1,3-Dichloropropene	2.62	2.80	107	12	30	80-120	
Trichloroethene	2.62	25.8	330	8	30	77-120	*
Vinyl chloride	2.62	2.67	102	19	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O82723.d

Lab ID: 460-267283-C-5 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.4	102	7	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	22.6	113	2	30	63-139	
1,1,2-Trichloroethane	20.0	19.7	99	5	30	74-125	
1,1-Dichloroethane	20.0	19.9	99	5	30	73-130	
1,1-Dichloroethene	20.0	20.8	104	8	30	68-133	
1,2-Dichloroethane	20.0	19.1	95	5	30	66-129	
1,2-Dichloropropane	20.0	20.5	103	4	30	68-128	
Bromodichloromethane	20.0	19.9	100	5	30	76-121	
Carbon tetrachloride	20.0	19.7	99	5	30	61-131	
Chlorobenzene	20.0	19.5	97	1	30	80-120	
Chloroethane	20.0	21.5	108	4	30	42-150	
Chloroform	20.0	20.2	101	5	30	78-125	
Chloromethane	20.0	20.8	104	2	30	43-150	
cis-1,2-Dichloroethene	20.0	20.6	103	9	30	78-121	
cis-1,3-Dichloropropene	20.0	18.7	93	1	30	74-125	
Dibromochloromethane	20.0	19.0	95	1	30	62-130	
Methylene Chloride	20.0	21.1	106	2	30	74-127	
Tetrachloroethene	20.0	20.3	101	1	30	70-127	
trans-1,2-Dichloroethene	20.0	19.9	99	6	30	74-126	
trans-1,3-Dichloropropene	20.0	19.9	100	5	30	66-127	
Trichloroethene	20.0	19.0	95	2	30	71-121	
Vinyl chloride	20.0	19.4	97	2	30	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V26603.D

Lab ID: 460-267472-A-3 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	40.0	50.0	125	15	30	68-128	
1,1,2,2-Tetrachloroethane	40.0	37.7	94	7	30	63-139	
1,1,2-Trichloroethane	40.0	40.5	101	12	30	74-125	
1,1-Dichloroethane	40.0	60.0	119	11	30	73-130	
1,1-Dichloroethene	40.0	49.5	124	18	30	68-133	
1,2-Dichloroethane	40.0	47.9	120	14	30	66-129	
1,2-Dichloropropane	40.0	42.5	106	13	30	68-128	
Bromodichloromethane	40.0	46.9	117	16	30	76-121	
Carbon tetrachloride	40.0	51.1	128	12	30	61-131	
Chlorobenzene	40.0	76.3	110	7	30	80-120	
Chloroethane	40.0	34.9	87	2	30	42-150	
Chloroform	40.0	48.0	120	13	30	78-125	
Chloromethane	40.0	31.2	78	1	30	43-150	
cis-1,2-Dichloroethene	40.0	49.4	123	16	30	78-121	*
cis-1,3-Dichloropropene	40.0	39.4	99	11	30	74-125	
Dibromochloromethane	40.0	43.8	110	11	30	62-130	
Methylene Chloride	40.0	47.3	118	11	30	74-127	
Tetrachloroethene	40.0	49.7	122	13	30	70-127	
trans-1,2-Dichloroethene	40.0	48.3	119	15	30	74-126	
trans-1,3-Dichloropropene	40.0	39.5	99	17	30	66-127	
Trichloroethene	40.0	46.7	117	13	30	71-121	
Vinyl chloride	40.0	38.4	94	10	30	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: O82884.d Lab Sample ID: MB 460-872551/8

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 10/18/2022 10:57

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 460-872551/3	O82879.d	10/18/2022 08:51
	LCSD 460-872551/4	O82880.d	10/18/2022 09:16
L3-PP-SB-2_5-6_20221013	460-267521-3	O82903.d	10/18/2022 18:53

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: O82916.d Lab Sample ID: MB 460-872711/9

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 10/19/2022 00:07

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 460-872711/4	O82911.d	10/18/2022 22:01
	LCSD 460-872711/5	O82912.d	10/18/2022 22:27
L3-PP-SB-1_5-6_20221013	460-267458-1	O82920.d	10/19/2022 01:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: O83011.d Lab Sample ID: MB 460-873205/10

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 10/21/2022 01:04

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 460-873205/4	O83005.d	10/20/2022 21:54
	LCSD 460-873205/5	O83006.d	10/20/2022 22:19
L3-PP-SB-2_5-6_20221013 MS	460-267521-3 MS	O83025.d	10/21/2022 07:01
L3-PP-SB-2_5-6_20221013 MSD	460-267521-3 MSD	O83026.d	10/21/2022 07:26

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: B93114.D Lab Sample ID: MB 460-872317/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 10/17/2022 06:57

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 460-872317/3	B93110.D	10/17/2022 05:06
	LCSD 460-872317/4	B93111.D	10/17/2022 05:31
	LB3 460-871955/1-A	B93115.D	10/17/2022 07:22
L2-RI-SB-10B_15-16_20221012	460-267360-1	B93119.D	10/17/2022 09:02
L2-RI-SB-10B_16-18_20221012	460-267360-2	B93130.D	10/17/2022 13:35
L2-RI-SB-10B_18-20_20221012	460-267360-3	B93131.D	10/17/2022 14:00
L2-RI-SB-10B_20-22_20221012	460-267360-4	B93132.D	10/17/2022 14:24
L2-RI-SB-10B_22-24_20221012	460-267360-5	B93133.D	10/17/2022 14:50
L2-RI-SB-10B_24-26_20221012	460-267360-6	B93134.D	10/17/2022 15:14
L2-RI-SB-10B_26-28_20221012	460-267360-7	B93135.D	10/17/2022 15:39
L2-RI-SB-10B_28-30_20221012	460-267360-8	B93136.D	10/17/2022 16:03
L2-RI-SB-10B_30-32_20221012	460-267360-9	B93137.D	10/17/2022 16:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: B93145.D Lab Sample ID: MB 460-872430/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 10/17/2022 20:19

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 460-872430/4	B93142.D	10/17/2022 19:04
	LCSD 460-872430/5	B93143.D	10/17/2022 19:30
L2-RI-SB-10B_32-34_20221012	460-267360-10	B93154.D	10/18/2022 00:07
L3-SB-X1_20221012	460-267360-11	B93155.D	10/18/2022 00:31
L2-RI-SB-10B_15-16_20221012 MS	460-267360-1 MS	B93164.D	10/18/2022 05:04
L2-RI-SB-10B_15-16_20221012 MSD	460-267360-1 MSD	B93165.D	10/18/2022 05:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: D99222.D Lab Sample ID: MB 460-872315/22

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 10/17/2022 13:41

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 460-872315/18	D99218.D	10/17/2022 12:11
	LCSD 460-872315/19	D99219.D	10/17/2022 12:33
	LB3 460-872117/1-A	D99223.D	10/17/2022 14:03
L3-PP-SB-1_6-8_20221013	460-267458-2	D99224.D	10/17/2022 14:25
L3-PP-SB-1_8-10_20221013	460-267458-3	D99225.D	10/17/2022 14:48
L3-PP-SB-1_12-14_20221013	460-267458-5	D99227a.D	10/17/2022 15:57
L3-PP-SB-1_14-15_20221013	460-267458-6	D99228.D	10/17/2022 16:19
L3-SB-X2_20221013	460-267458-11	D99229.D	10/17/2022 16:42
L3-PP-SB-1_6-8_20221013 MS	460-267458-2 MS	D99231.D	10/17/2022 17:27
L3-PP-SB-1_6-8_20221013 MSD	460-267458-2 MSD	D99232.D	10/17/2022 17:49

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: D99243.D Lab Sample ID: MB 460-872434/31

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 10/17/2022 21:54

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 460-872434/3	D99237.D	10/17/2022 19:22
	LCSD 460-872434/4	D99238.D	10/17/2022 19:45
L3-PP-SB-1_10-12_20221013	460-267458-4	D99245.D	10/17/2022 22:40

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: D99273.D Lab Sample ID: MB 460-872520/9

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 10/18/2022 09:20

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-872520/4	D99268.D	10/18/2022 07:26
	LCSD 460-872520/5	D99269.D	10/18/2022 07:48
L3-SB-X4_20221013	460-267521-4	D99292.D	10/18/2022 16:38
L3-PP-SB-2_8-10_20221013	460-267521-6	D99294.D	10/18/2022 17:23
L3-PP-SB-2_10-12_20221013	460-267521-7	D99295.D	10/18/2022 17:46
L3-PP-SB-2_12-14_20221013	460-267521-8	D99296.D	10/18/2022 18:08

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: D99305.D Lab Sample ID: MB 460-872654/9

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 10/18/2022 21:31

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 460-872654/4	D99300.D	10/18/2022 19:39
	LCSD 460-872654/5	D99301.D	10/18/2022 20:01
L3-PP-SB-2_6-8_20221013	460-267521-5	D99310.D	10/18/2022 23:24

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: D99378.D Lab Sample ID: MB 460-872987/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 10/20/2022 07:53

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 460-872987/3	D99373.D	10/20/2022 05:50
	LCSD 460-872987/4	D99374.D	10/20/2022 06:12
L3-PP-SB-2_14-15_20221013	460-267521-9	D99383.D	10/20/2022 09:45
	LB3 460-872153/1-A	D99387.D	10/20/2022 11:15

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: K39154.D Lab Sample ID: MB 460-872353/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 10/17/2022 11:49

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 460-872353/3	K39149.D	10/17/2022 09:30
	LCSD 460-872353/4	K39150.D	10/17/2022 09:53
L3-RI-SB-2B_15-16_20221012	460-267360-12	K39165.D	10/17/2022 15:57
L3-RI-SB-2B_16-18_20221012	460-267360-13	K39166.D	10/17/2022 16:20
L3-RI-SB-2B_20-22_20221012	460-267360-15	K39168.D	10/17/2022 17:04
L3-RI-SB-2B_22-24_20221012	460-267360-16	K39169.D	10/17/2022 17:27
L3-RI-SB-2B_24-26_20221012	460-267360-17	K39170.D	10/17/2022 17:49
L3-RI-SB-2B_26-28_20221012	460-267360-18	K39171.D	10/17/2022 18:12
L3-RI-SB-2B_28-30_20221012	460-267360-19	K39172.D	10/17/2022 18:34
L3-RI-SB-2B_30-32_20221012	460-267360-20	K39173.D	10/17/2022 18:56
L3-RI-SB-2B_32-34_20221012	460-267360-21	K39174.D	10/17/2022 19:18

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: K39182.D Lab Sample ID: MB 460-872456/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 10/17/2022 22:05

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 460-872456/3	K39177.D	10/17/2022 20:13
	LCSD 460-872456/4	K39178.D	10/17/2022 20:35
L3-RI-SB-2B_18-20_20221012	460-267360-14	K39184.D	10/17/2022 22:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: O82701.d Lab Sample ID: MB 460-871835/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 10/14/2022 00:43

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 460-871835/3	O82696.d	10/13/2022 22:37
L3-FB-01_20221012	460-267360-22	O82707.d	10/14/2022 03:14
L3-TB-01_20221012	460-267360-23	O82717.d	10/14/2022 07:26
	460-267283-C-5 MS	O82722.d	10/14/2022 09:32
	460-267283-C-5 MSD	O82723.d	10/14/2022 09:57

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: V26549.D Lab Sample ID: MB 460-872160/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS7 Date Analyzed: 10/15/2022 20:18

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 460-872160/4	V26546.D	10/15/2022 19:15
L3-TB-02_20221013	460-267458-33	V26552.D	10/15/2022 21:22
L3-FB-02_20221013	460-267458-12	V26554.D	10/15/2022 22:05
L3-FB-01_20221013	460-267521-2	V26557.D	10/15/2022 23:08

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: V26580.D Lab Sample ID: MB 460-872260/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS7 Date Analyzed: 10/16/2022 18:50

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 460-872260/4	V26576.D	10/16/2022 17:25
	LCSD 460-872260/5	V26577.D	10/16/2022 17:46
	460-267472-A-3 MS	V26602.D	10/17/2022 02:37
	460-267472-A-3 MSD	V26603.D	10/17/2022 02:58

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: V26617.D Lab Sample ID: MB 460-872367/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS7 Date Analyzed: 10/17/2022 11:33

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 460-872367/3	V26612.D	10/17/2022 09:47
	LCSD 460-872367/4	V26613.D	10/17/2022 10:08
L3-TB-01_20221013	460-267521-1	V26618.D	10/17/2022 11:54

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: O82139.d BFB Injection Date: 10/03/2022

Instrument ID: CVOAMS12 BFB Injection Time: 20:18

Analysis Batch No.: 869787

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	109.0
96	5 - 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	91.8
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	97.6
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 460-869787/3	O82141.d	10/03/2022	21:13
	STD1 460-869787/4	O82142.d	10/03/2022	21:38
	STD5 460-869787/5	O82143.d	10/03/2022	22:04
	STD20 460-869787/6	O82144.d	10/03/2022	22:29
	STD50 460-869787/7	O82145.d	10/03/2022	22:54
	STD200 460-869787/8	O82146.d	10/03/2022	23:19
	STD500 460-869787/9	O82147.d	10/03/2022	23:44
	ICV 460-869787/17	O82155.d	10/04/2022	3:05

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: O82985.d BFB Injection Date: 10/20/2022

Instrument ID: CVOAMS12 BFB Injection Time: 13:04

Analysis Batch No.: 873073

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	143.6
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	69.6
175	5 - 9% of m/z 174	7.3
176	95 -105% of m/z 174	95.7
177	5 - 10% of m/z 176	6.1

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
	STD7 460-873073/3	O82987.d	10/20/2022	13:52
	STD1 460-873073/4	O82988.d	10/20/2022	14:17
	STD5 460-873073/5	O82989.d	10/20/2022	14:42
	STD20 460-873073/6	O82990.d	10/20/2022	15:08
	STD50 460-873073/7	O82991.d	10/20/2022	15:33
	STD200 460-873073/8	O82992.d	10/20/2022	15:58
	STD500 460-873073/9	O82993.d	10/20/2022	16:23
	ICV 460-873073/17	O83001.d	10/20/2022	19:44

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: B92940a.D BFB Injection Date: 10/12/2022

Instrument ID: CVOAMS2 BFB Injection Time: 16:26

Analysis Batch No.: 871531

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	139.2
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	1.3
174	50 - 200% of m/z 95	71.8
175	5 - 9% of m/z 174	7.3
176	95 -105% of m/z 174	96.7
177	5 - 10% of m/z 176	6.0

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
	STD5 460-871531/5	B92944.D	10/12/2022	18:32
	STD20 460-871531/6	B92945.D	10/12/2022	18:57
	STD50 460-871531/7	B92946.D	10/12/2022	19:22
	STD200 460-871531/8	B92947.D	10/12/2022	19:47
	STD500 460-871531/9	B92948.D	10/12/2022	20:12
	STD1 460-871531/19	B92958.D	10/13/2022	4:16
	ICV 460-871531/20	B92959.D	10/13/2022	4:40

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: D99201.D BFB Injection Date: 10/17/2022

Instrument ID: CVOAMS4 BFB Injection Time: 04:01

Analysis Batch No.: 872315

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	109.4
96	5 - 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	91.4
175	5 - 9% of m/z 174	8.8
176	95 -105% of m/z 174	98.3
177	5 - 10% of m/z 176	6.6

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
	STD1 460-872315/3	D99203.D	10/17/2022	5:24
	STD5 460-872315/4	D99204.D	10/17/2022	5:47
	STD20 460-872315/5	D99205.D	10/17/2022	6:09
	STD50 460-872315/6	D99206.D	10/17/2022	6:32
	STD200 460-872315/7	D99207.D	10/17/2022	6:54
	STD500 460-872315/8	D99208.D	10/17/2022	7:17
	ICV 460-872315/17	D99217.D	10/17/2022	11:48
	LCS 460-872315/18	D99218.D	10/17/2022	12:11
	LCSD 460-872315/19	D99219.D	10/17/2022	12:33
	MB 460-872315/22	D99222.D	10/17/2022	13:41
	LB3 460-872117/1-A	D99223.D	10/17/2022	14:03
L3-PP-SB-1_6-8_20221013	460-267458-2	D99224.D	10/17/2022	14:25
L3-PP-SB-1_8-10_20221013	460-267458-3	D99225.D	10/17/2022	14:48
L3-PP-SB-1_12-14_20221013	460-267458-5	D99227a.D	10/17/2022	15:57
L3-PP-SB-1_14-15_20221013	460-267458-6	D99228.D	10/17/2022	16:19
L3-SB-X2_20221013	460-267458-11	D99229.D	10/17/2022	16:42
L3-PP-SB-1_6-8_20221013 MS	460-267458-2 MS	D99231.D	10/17/2022	17:27
L3-PP-SB-1_6-8_20221013 MSD	460-267458-2 MSD	D99232.D	10/17/2022	17:49

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: V25688.D BFB Injection Date: 10/01/2022

Instrument ID: CVOAMS7 BFB Injection Time: 15:10

Analysis Batch No.: 869565

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	164.1
96	5 - 9% of m/z 95	7.0
173	Less than 2% of m/z 174	1.1
174	50 - 200% of m/z 95	60.9
175	5 - 9% of m/z 174	7.9
176	95 -105% of m/z 174	96.6
177	5 - 10% of m/z 176	6.8

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 460-869565/3	V25690.D	10/01/2022	15:52
	STD05 460-869565/4	V25691.D	10/01/2022	16:14
	STD1 460-869565/5	V25692.D	10/01/2022	16:35
	STD5 460-869565/6	V25693.D	10/01/2022	16:56
	STD20 460-869565/7	V25694.D	10/01/2022	17:17
	STD50 460-869565/8	V25695.D	10/01/2022	17:38
	STD200 460-869565/9	V25696.D	10/01/2022	17:59
	STD500 460-869565/10	V25697.D	10/01/2022	18:20
	ICV 460-869565/18	V25705.D	10/01/2022	21:09

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab File ID: K38860.D BFB Injection Date: 10/04/2022

Instrument ID: CVOAMS9 BFB Injection Time: 12:07

Analysis Batch No.: 870018

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	133.9
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.5
174	50 - 200% of m/z 95	74.7
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	98.2
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
	STD1 460-870018/3	K38862.D	10/04/2022	12:52
	STD5 460-870018/4	K38863.D	10/04/2022	13:14
	STD20 460-870018/5	K38864.D	10/04/2022	13:36
	STD50 460-870018/6	K38865.D	10/04/2022	13:58
	STD200 460-870018/7	K38866.D	10/04/2022	14:21
	STD500 460-870018/8	K38867.D	10/04/2022	14:43
	ICV 460-870018/14	K38873.D	10/04/2022	16:57

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-869787/6 Date Analyzed: 10/03/2022 22:29

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82144.d Heated Purge: (Y/N) N

Calibration ID: 91473

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		117460	1.88	124786	2.67	512552	3.66
UPPER LIMIT		234920	2.38	249572	3.17	1025104	4.16
LOWER LIMIT		58730	1.38	62393	2.17	256276	3.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-869787/17		129008	1.88	137165	2.67	549604	3.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-869787/6 Date Analyzed: 10/03/2022 22:29

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82144.d Heated Purge: (Y/N) N

Calibration ID: 91473

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		25947	4.34	396797	7.22	216137	10.88
UPPER LIMIT		51894	4.84	793594	7.72	432274	11.38
LOWER LIMIT		12974	3.84	198399	6.72	108069	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-869787/17		30006	4.34	436592	7.22	236188	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-871835/2 Date Analyzed: 10/13/2022 22:12

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82695.d Heated Purge: (Y/N) N

Calibration ID: 91473

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		109867	1.88	117854	2.67	509957	3.65
UPPER LIMIT		219734	2.38	235708	3.17	1019914	4.15
LOWER LIMIT		54934	1.38	58927	2.17	254979	3.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-871835/3		117570	1.88	124673	2.67	548353	3.65
MB 460-871835/8		106135	1.88	102287	2.67	461039	3.66
460-267360-22	L3-FB-01_20221012	103320	1.88	103948	2.67	455952	3.66
460-267360-23	L3-TB-01_20221012	127061	1.88	121883	2.67	481099	3.66
460-267283-C-5 MS		102933	1.88	115871	2.67	495323	3.65
460-267283-C-5 MSD		121553	1.88	133744	2.67	534275	3.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-871835/2 Date Analyzed: 10/13/2022 22:12

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82695.d Heated Purge: (Y/N) N

Calibration ID: 91473

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		29510	4.34	452387	7.22	240373	10.88
UPPER LIMIT		59020	4.84	904774	7.72	480746	11.38
LOWER LIMIT		14755	3.84	226194	6.72	120187	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-871835/3		27697	4.34	429894	7.22	230565	10.88
MB 460-871835/8		22377	4.34	381026	7.22	187023	10.88
460-267360-22	L3-FB-01_20221012	24134	4.34	379004	7.22	185730	10.88
460-267360-23	L3-TB-01_20221012	27851	4.34	404312	7.22	196298	10.88
460-267283-C-5 MS		25555	4.34	416187	7.22	219351	10.88
460-267283-C-5 MSD		29537	4.34	452703	7.22	235325	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872551/2 Date Analyzed: 10/18/2022 08:25

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82878.d Heated Purge: (Y/N) N

Calibration ID: 91473

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		94979	1.88	104299	2.67	462837	3.66
UPPER LIMIT		189958	2.38	208598	3.17	925674	4.16
LOWER LIMIT		47490	1.38	52150	2.17	231419	3.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872551/3		90098	1.88	98952	2.67	477711	3.65
LCSD 460-872551/4		111285	1.88	121222	2.67	510016	3.65
MB 460-872551/8		94528	1.88	90152	2.67	412558	3.67
460-267521-3	L3-PP-SB-2_5-6_20221013	138175	1.91	127494	2.68	455689	3.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872551/2 Date Analyzed: 10/18/2022 08:25

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82878.d Heated Purge: (Y/N) N

Calibration ID: 91473

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		29454	4.34	445500	7.22	237184	10.88
UPPER LIMIT		58908	4.84	891000	7.72	474368	11.38
LOWER LIMIT		14727	3.84	222750	6.72	118592	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872551/3		27597	4.34	451206	7.22	239005	10.88
LCSD 460-872551/4		30654	4.34	469112	7.22	247488	10.88
MB 460-872551/8		21434	4.34	387590	7.22	186493	10.88
460-267521-3	L3-PP-SB-2_5-6_20221013	31311	4.43	407091	7.22	189440	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872711/3 Date Analyzed: 10/18/2022 21:36

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82910.d Heated Purge: (Y/N) N

Calibration ID: 91473

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		127818	1.88	148537	2.67	580729	3.65
UPPER LIMIT		255636	2.38	297074	3.17	1161458	4.15
LOWER LIMIT		63909	1.38	74269	2.17	290365	3.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872711/4		118617	1.88	132875	2.67	517667	3.65
LCSD 460-872711/5		118312	1.88	140858	2.67	588309	3.65
MB 460-872711/9		104744	1.88	114762	2.67	424249	3.67
460-267458-1	L3-PP-SB-1_5-6_20221013	142332	1.92	145159	2.68	456896	3.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872711/3 Date Analyzed: 10/18/2022 21:36

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82910.d Heated Purge: (Y/N) N

Calibration ID: 91473

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		33737	4.33	538301	7.22	258433	10.88
UPPER LIMIT		67474	4.83	1076602	7.72	516866	11.38
LOWER LIMIT		16869	3.83	269151	6.72	129217	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872711/4		32458	4.33	464870	7.22	257517	10.88
LCSD 460-872711/5		32545	4.34	503078	7.22	254211	10.88
MB 460-872711/9		24172	4.34	391718	7.22	198075	10.88
460-267458-1	L3-PP-SB-1_5-6_20221013	32811	4.43	422030	7.22	208463	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-873073/6 Date Analyzed: 10/20/2022 15:08

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82990.d Heated Purge: (Y/N) N

Calibration ID: 91540

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		102608	1.87	126626	2.67	584715	3.65
UPPER LIMIT		205216	2.37	253252	3.17	1169430	4.15
LOWER LIMIT		51304	1.37	63313	2.17	292358	3.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-873073/17		95613	1.88	118551	2.67	582125	3.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-873073/6 Date Analyzed: 10/20/2022 15:08

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O82990.d Heated Purge: (Y/N) N

Calibration ID: 91540

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28417	4.34	458103	7.22	218447	10.88
UPPER LIMIT		56834	4.84	916206	7.72	436894	11.38
LOWER LIMIT		14209	3.84	229052	6.72	109224	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-873073/17		26045	4.33	445973	7.22	212655	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-873205/3 Date Analyzed: 10/20/2022 21:28

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O83004.d Heated Purge: (Y/N) N

Calibration ID: 91540

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		101523	1.88	121490	2.67	574973	3.65
UPPER LIMIT		203046	2.38	242980	3.17	1149946	4.15
LOWER LIMIT		50762	1.38	60745	2.17	287487	3.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-873205/4		112970	1.88	132489	2.67	580716	3.65
LCSD 460-873205/5		110303	1.88	130825	2.67	594884	3.65
MB 460-873205/10		119261	1.87	125391	2.67	549205	3.65
460-267521-3 MS	L3-PP-SB-2_5-6_20221013 MS	123360	1.91	133029	2.68	572300	3.65
460-267521-3 MSD	L3-PP-SB-2_5-6_20221013 MSD	130715	1.91	140364	2.68	573407	3.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-873205/3 Date Analyzed: 10/20/2022 21:28

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O83004.d Heated Purge: (Y/N) N

Calibration ID: 91540

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27845	4.33	449820	7.22	209631	10.88
UPPER LIMIT		55690	4.83	899640	7.72	419262	11.38
LOWER LIMIT		13923	3.83	224910	6.72	104816	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-873205/4		29472	4.33	449391	7.22	213326	10.88
LCSD 460-873205/5		29199	4.34	455739	7.22	220299	10.88
MB 460-873205/10		28131	4.34	435426	7.22	196457	10.88
460-267521-3 MS	L3-PP-SB-2_5-6_20221013 MS	31865	4.41	445393	7.22	211328	10.88
460-267521-3 MSD	L3-PP-SB-2_5-6_20221013 MSD	33059	4.41	453324	7.22	207545	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-871531/6 Date Analyzed: 10/12/2022 18:57

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B92945.D Heated Purge: (Y/N) Y

Calibration ID: 91507

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		455329	2.17	525710	3.10	701787	4.31
UPPER LIMIT		910658	2.67	1051420	3.60	1403574	4.81
LOWER LIMIT		227665	1.67	262855	2.60	350894	3.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-871531/20		440099	2.16	476066	3.09	660365	4.31

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-871531/6 Date Analyzed: 10/12/2022 18:57

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B92945.D Heated Purge: (Y/N) Y

Calibration ID: 91507

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		31980	5.21	460266	8.88	249014	12.88
UPPER LIMIT		63960	5.71	920532	9.38	498028	13.38
LOWER LIMIT		15990	4.71	230133	8.38	124507	12.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-871531/20		29621	5.23	439153	8.88	238974	12.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872317/2 Date Analyzed: 10/17/2022 04:40

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B93109.D Heated Purge: (Y/N) Y

Calibration ID: 91507

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		515367	2.16	516332	3.10	716167	4.31
UPPER LIMIT		1030734	2.66	1032664	3.60	1432334	4.81
LOWER LIMIT		257684	1.66	258166	2.60	358084	3.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872317/3		477661	2.14	469589	3.08	693555	4.30
LCSD 460-872317/4		569860	2.15	562488	3.09	717064	4.31
MB 460-872317/7		373978	2.15	392816	3.09	656433	4.31
LB3 460-871955/1-A		411839	2.16	428617	3.10	643457	4.31
460-267360-1	L2-RI-SB-10B_15-16_20221012	516921	2.15	500492	3.09	617804	4.31
460-267360-2	L2-RI-SB-10B_16-18_20221012	426737	2.17	450722	3.10	609962	4.31
460-267360-3	L2-RI-SB-10B_18-20_20221012	410095	2.16	438225	3.10	623531	4.31
460-267360-4	L2-RI-SB-10B_20-22_20221012	446251	2.17	465667	3.10	619959	4.31
460-267360-5	L2-RI-SB-10B_22-24_20221012	509168	2.15	479284	3.09	589868	4.31
460-267360-6	L2-RI-SB-10B_24-26_20221012	423740	2.15	441446	3.09	626004	4.31
460-267360-7	L2-RI-SB-10B_26-28_20221012	452038	2.14	466796	3.09	627982	4.30
460-267360-8	L2-RI-SB-10B_28-30_20221012	424905	2.17	467141	3.11	632686	4.31
460-267360-9	L2-RI-SB-10B_30-32_20221012	456480	2.16	462979	3.10	653464	4.31

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872317/2 Date Analyzed: 10/17/2022 04:40

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B93109.D Heated Purge: (Y/N) Y

Calibration ID: 91507

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36563	5.21	531852	8.88	290345	12.88
UPPER LIMIT		73126	5.71	1063704	9.38	580690	13.38
LOWER LIMIT		18282	4.71	265926	8.38	145173	12.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872317/3		35202	5.21	524374	8.88	291372	12.88
LCSD 460-872317/4		40038	5.22	542303	8.89	303332	12.88
MB 460-872317/7		25782	5.21	480197	8.88	261803	12.88
LB3 460-871955/1-A		26822	5.22	491308	8.89	263045	12.88
460-267360-1	L2-RI-SB-10B_15-16_20221012	34032	5.21	452540	8.88	229612	12.88
460-267360-2	L2-RI-SB-10B_16-18_20221012	29507	5.23	444566	8.88	232305	12.88
460-267360-3	L2-RI-SB-10B_18-20_20221012	28665	5.22	444573	8.89	229794	12.88
460-267360-4	L2-RI-SB-10B_20-22_20221012	28925	5.20	453784	8.88	234289	12.88
460-267360-5	L2-RI-SB-10B_22-24_20221012	32766	5.21	416862	8.88	208274	12.88
460-267360-6	L2-RI-SB-10B_24-26_20221012	29015	5.21	456590	8.88	250255	12.88
460-267360-7	L2-RI-SB-10B_26-28_20221012	32050	5.22	465002	8.89	253746	12.88
460-267360-8	L2-RI-SB-10B_28-30_20221012	28825	5.22	478320	8.88	262813	12.88
460-267360-9	L2-RI-SB-10B_30-32_20221012	27090	5.23	480267	8.88	259092	12.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872430/3 Date Analyzed: 10/17/2022 18:38

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B93141.D Heated Purge: (Y/N) Y

Calibration ID: 91507

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		466279	2.15	490506	3.09	656508	4.31
UPPER LIMIT		932558	2.65	981012	3.59	1313016	4.81
LOWER LIMIT		233140	1.65	245253	2.59	328254	3.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872430/4		511016	2.16	501702	3.09	651750	4.31
LCSD 460-872430/5		543413	2.17	542868	3.10	679309	4.31
MB 460-872430/7		509775	2.16	525843	3.10	631779	4.31
460-267360-10	L2-RI-SB-10B_32-34_20221012	440450	2.17	470264	3.10	695684	4.31
460-267360-11	L3-SB-X1_20221012	423584	2.16	439707	3.09	645688	4.31
460-267360-1 MS	L2-RI-SB-10B_15-16_20221012 MS	470264	2.15	465580	3.09	664192	4.31
460-267360-1 MSD	L2-RI-SB-10B_15-16_20221012 MSD	496876	2.16	482710	3.10	679181	4.31

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872430/3 Date Analyzed: 10/17/2022 18:38

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B93141.D Heated Purge: (Y/N) Y

Calibration ID: 91507

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34949	5.23	493637	8.88	279013	12.88
UPPER LIMIT		69898	5.73	987274	9.38	558026	13.38
LOWER LIMIT		17475	4.73	246819	8.38	139507	12.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872430/4		35950	5.22	481619	8.88	269968	12.88
LCSD 460-872430/5		37644	5.21	506048	8.88	276491	12.88
MB 460-872430/7		28797	5.21	470331	8.88	245614	12.88
460-267360-10	L2-RI-SB-10B_32-34_20221012	31062	5.21	549221	8.89	311290	12.88
460-267360-11	L3-SB-X1_20221012	30198	5.21	469264	8.89	246750	12.88
460-267360-1 MS	L2-RI-SB-10B_15-16_20221012 MS	30645	5.21	463621	8.88	231601	12.88
460-267360-1 MSD	L2-RI-SB-10B_15-16_20221012 MSD	28700	5.21	472940	8.88	230043	12.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-872315/5 Date Analyzed: 10/17/2022 06:09

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99205.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		154732	3.13	151599	4.35	507963	5.64
UPPER LIMIT		309464	3.63	303198	4.85	1015926	6.14
LOWER LIMIT		77366	2.63	75800	3.85	253982	5.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-872315/17		153157	3.13	152989	4.36	505814	5.64
LCS 460-872315/18		146158	3.13	145203	4.36	477038	5.64
LCSD 460-872315/19		156772	3.13	154243	4.36	523239	5.65
MB 460-872315/22		133548	3.13	133710	4.36	439981	5.65
LB3 460-872117/1-A		131142	3.13	122468	4.36	431158	5.65
460-267458-2	L3-PP-SB-1_6-8_20221013	107615	3.13	117277	4.36	466148	5.65
460-267458-3	L3-PP-SB-1_8-10_20221013	94164	3.14	115380	4.36	454921	5.65
460-267458-5	L3-PP-SB-1_12-14_20221013	83251	3.14	100084	4.36	442249	5.66
460-267458-6	L3-PP-SB-1_14-15_20221013	76034*	3.14	103364	4.36	428468	5.66
460-267458-11	L3-SB-X2_20221013	108633	3.14	109607	4.36	445404	5.66
460-267458-2 MS	L3-PP-SB-1_6-8_20221013 MS	105579	3.14	114335	4.36	486939	5.65
460-267458-2 MSD	L3-PP-SB-1_6-8_20221013 MSD	121955	3.14	121572	4.36	502041	5.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-872315/5 Date Analyzed: 10/17/2022 06:09

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99205.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		15987	6.50	386947	8.94	207303	10.78
UPPER LIMIT		31974	7.00	773894	9.44	414606	11.28
LOWER LIMIT		7994	6.00	193474	8.44	103652	10.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-872315/17		15404	6.50	394666	8.94	216166	10.78
LCS 460-872315/18		15669	6.50	362804	8.94	201122	10.78
LCSD 460-872315/19		17647	6.50	403577	8.94	222317	10.78
MB 460-872315/22		14015	6.51	358964	8.94	187025	10.78
LB3 460-872117/1-A		12462	6.51	352639	8.94	178699	10.78
460-267458-2	L3-PP-SB-1_6-8_20221013	9418	6.51	383110	8.94	194820	10.78
460-267458-3	L3-PP-SB-1_8-10_20221013	6634*	6.51	375180	8.94	189704	10.78
460-267458-5	L3-PP-SB-1_12-14_20221013	6205*	6.52	361865	8.94	183869	10.78
460-267458-6	L3-PP-SB-1_14-15_20221013	5309*	6.52	351604	8.94	176391	10.78
460-267458-11	L3-SB-X2_20221013	9012	6.51	368564	8.94	189326	10.78
460-267458-2 MS	L3-PP-SB-1_6-8_20221013 MS	8659	6.52	377873	8.94	202551	10.78
460-267458-2 MSD	L3-PP-SB-1_6-8_20221013 MSD	11630	6.51	391531	8.94	205180	10.78

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872434/2 Date Analyzed: 10/17/2022 19:00

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99236.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		172065	3.14	164270	4.36	517613	5.66
UPPER LIMIT		344130	3.64	328540	4.86	1035226	6.16
LOWER LIMIT		86033	2.64	82135	3.86	258807	5.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872434/3		183625	3.14	171723	4.36	524777	5.65
LCSD 460-872434/4		191712	3.14	177643	4.36	494161	5.65
MB 460-872434/31		164741	3.13	149147	4.36	428807	5.65
460-267458-4	L3-PP-SB-1_10-12_2022 1013	102335	3.14	115180	4.36	430297	5.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872434/2 Date Analyzed: 10/17/2022 19:00

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99236.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		17034	6.52	419968	8.94	233803	10.78
UPPER LIMIT		34068	7.02	839936	9.44	467606	11.28
LOWER LIMIT		8517	6.02	209984	8.44	116902	10.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872434/3		19713	6.51	420211	8.94	237403	10.78
LCSD 460-872434/4		18928	6.51	401402	8.94	218774	10.78
MB 460-872434/31		15064	6.51	361428	8.94	182805	10.78
460-267458-4	L3-PP-SB-1_10-12_2022 1013	7220*	6.52	369106	8.94	189037	10.78

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872520/3 Date Analyzed: 10/18/2022 07:03

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99267.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		219569	3.13	208950	4.36	632204	5.65
UPPER LIMIT		439138	3.63	417900	4.86	1264408	6.15
LOWER LIMIT		109785	2.63	104475	3.86	316102	5.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872520/4		206544	3.13	196919	4.36	628902	5.65
LCSD 460-872520/5		212642	3.13	204939	4.36	643736	5.65
MB 460-872520/9		164537	3.13	150680	4.36	510210	5.64
460-267521-4	L3-SB-X4_20221013	145559	3.13	150395	4.36	574401	5.64
460-267521-6	L3-PP-SB-2_8-10_20221013	135567	3.13	138538	4.36	519386	5.64
460-267521-7	L3-PP-SB-2_10-12_20221013	107393*	3.13	128687	4.36	510619	5.64
460-267521-8	L3-PP-SB-2_12-14_20221013	138053	3.13	143902	4.36	534509	5.64

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872520/3 Date Analyzed: 10/18/2022 07:03

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99267.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21391	6.50	531408	8.94	292331	10.78
UPPER LIMIT		42782	7.00	1062816	9.44	584662	11.28
LOWER LIMIT		10696	6.00	265704	8.44	146166	10.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872520/4		20874	6.51	524131	8.94	291539	10.78
LCSD 460-872520/5		20966	6.50	543365	8.94	301080	10.78
MB 460-872520/9		15183	6.51	459992	8.94	241494	10.78
460-267521-4	L3-SB-X4_20221013	10883	6.50	509846	8.94	249101	10.78
460-267521-6	L3-PP-SB-2_8-10_20221013	10731	6.51	484428	8.94	247258	10.78
460-267521-7	L3-PP-SB-2_10-12_20221013	7152*	6.51	465264	8.94	243897	10.78
460-267521-8	L3-PP-SB-2_12-14_20221013	10037*	6.50	491126	8.94	256060	10.78

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872654/3 Date Analyzed: 10/18/2022 19:06

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99299.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		240465	3.13	221410	4.36	578993	5.65
UPPER LIMIT		480930	3.63	442820	4.86	1157986	6.15
LOWER LIMIT		120233	2.63	110705	3.86	289497	5.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872654/4		246053	3.13	222611	4.36	574857	5.64
LCSD 460-872654/5		236515	3.13	215759	4.35	606435	5.64
MB 460-872654/9		203221	3.13	177137	4.35	519038	5.64
460-267521-5	L3-PP-SB-2_6-8_20221013	130340	3.13	145461	4.35	513400	5.64

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872654/3 Date Analyzed: 10/18/2022 19:06

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99299.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		25175	6.50	525721	8.94	294658	10.78
UPPER LIMIT		50350	7.00	1051442	9.44	589316	11.28
LOWER LIMIT		12588	6.00	262861	8.44	147329	10.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872654/4		25617	6.50	525053	8.94	293490	10.78
LCSD 460-872654/5		24633	6.50	532922	8.94	301044	10.78
MB 460-872654/9		19717	6.50	490289	8.94	258623	10.78
460-267521-5	L3-PP-SB-2_6-8_20221013	9580*	6.50	481720	8.94	251124	10.78

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872987/2 Date Analyzed: 10/20/2022 05:27

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99372.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		180977	3.12	204708	4.34	670802	5.63
UPPER LIMIT		361954	3.62	409416	4.84	1341604	6.13
LOWER LIMIT		90489	2.62	102354	3.84	335401	5.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872987/3		180713	3.12	206169	4.34	669108	5.63
LCSD 460-872987/4		179202	3.12	202180	4.34	664985	5.63
MB 460-872987/8		126883	3.12	141236	4.34	519405	5.63
460-267521-9	L3-PP-SB-2_14-15_2022 1013	103211	3.12	128041	4.34	506697	5.63
LB3 460-872153/1-A		122347	3.12	137467	4.34	481317	5.63

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872987/2 Date Analyzed: 10/20/2022 05:27

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D99372.D Heated Purge: (Y/N) Y

Calibration ID: 91531

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		17267	6.49	447917	8.92	235707	10.77
UPPER LIMIT		34534	6.99	895834	9.42	471414	11.27
LOWER LIMIT		8634	5.99	223959	8.42	117854	10.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872987/3		17397	6.49	450848	8.92	238990	10.77
LCSD 460-872987/4		18416	6.49	452398	8.92	236773	10.77
MB 460-872987/8		11622	6.49	374826	8.92	183417	10.77
460-267521-9	L3-PP-SB-2_14-15_2022 1013	8360*	6.49	369034	8.92	177244	10.77
LB3 460-872153/1-A		10687	6.49	355656	8.92	172976	10.77

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-869565/7 Date Analyzed: 10/01/2022 17:17

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V25694.D Heated Purge: (Y/N) N

Calibration ID: 91464

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		50751	2.56	716807	3.49	836380	4.53
UPPER LIMIT		101502	3.06	1433614	3.99	1672760	5.03
LOWER LIMIT		25376	2.06	358404	2.99	418190	4.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-869565/18		54626	2.56	776411	3.49	913018	4.53

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-869565/7 Date Analyzed: 10/01/2022 17:17

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V25694.D Heated Purge: (Y/N) N

Calibration ID: 91464

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		21977	5.24	498421	8.18	219314	10.48
UPPER LIMIT		43954	5.74	996842	8.68	438628	10.98
LOWER LIMIT		10989	4.74	249211	7.68	109657	9.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-869565/18		26741	5.25	543056	8.18	238097	10.48

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872160/3 Date Analyzed: 10/15/2022 18:54

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V26545.D Heated Purge: (Y/N) N

Calibration ID: 91464

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		32233	2.56	369582	3.49	451773	4.53
UPPER LIMIT		64466	3.06	739164	3.99	903546	5.03
LOWER LIMIT		16117	2.06	184791	2.99	225887	4.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872160/4		30344	2.56	357301	3.49	478520	4.53
MB 460-872160/7		26798	2.56	301977	3.49	441066	4.53
460-267458-33	L3-TB-02_20221013	27785	2.56	305450	3.49	434825	4.53
460-267458-12	L3-FB-02_20221013	23928	2.56	301781	3.49	424646	4.53
460-267521-2	L3-FB-01_20221013	26149	2.56	301064	3.49	439032	4.53

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872160/3 Date Analyzed: 10/15/2022 18:54

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V26545.D Heated Purge: (Y/N) N

Calibration ID: 91464

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15329	5.24	306708	8.17	140417	10.46
UPPER LIMIT		30658	5.74	613416	8.67	280834	10.96
LOWER LIMIT		7665	4.74	153354	7.67	70209	9.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872160/4		15766	5.24	308320	8.17	138526	10.46
MB 460-872160/7		13870	5.26	280267	8.17	129404	10.46
460-267458-33	L3-TB-02_20221013	13825	5.25	271625	8.17	127413	10.46
460-267458-12	L3-FB-02_20221013	12308	5.25	272482	8.17	129893	10.46
460-267521-2	L3-FB-01_20221013	13534	5.24	280737	8.17	132384	10.46

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872260/3 Date Analyzed: 10/16/2022 17:04

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V26575.D Heated Purge: (Y/N) N

Calibration ID: 91464

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		49019	2.57	524331	3.49	689203	4.53
UPPER LIMIT		98038	3.07	1048662	3.99	1378406	5.03
LOWER LIMIT		24510	2.07	262166	2.99	344602	4.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872260/4		39020	2.56	472943	3.49	674817	4.53
LCSD 460-872260/5		45373	2.56	553478	3.48	706633	4.53
MB 460-872260/8		40619	2.56	475497	3.49	652032	4.53
460-267472-A-3 MS		35172	2.56	400510	3.49	606056	4.53
460-267472-A-3 MSD		33842	2.57	413236	3.49	594912	4.53

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872260/3 Date Analyzed: 10/16/2022 17:04

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V26575.D Heated Purge: (Y/N) N

Calibration ID: 91464

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21944	5.24	444974	8.17	207686	10.46
UPPER LIMIT		43888	5.74	889948	8.67	415372	10.96
LOWER LIMIT		10972	4.74	222487	7.67	103843	9.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872260/4		20054	5.24	423089	8.17	190932	10.46
LCSD 460-872260/5		21665	5.24	455449	8.17	207378	10.46
MB 460-872260/8		19226	5.24	406089	8.17	191145	10.46
460-267472-A-3 MS		18272	5.24	396838	8.17	183890	10.46
460-267472-A-3 MSD		15269	5.24	396240	8.17	189557	10.46

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872367/2 Date Analyzed: 10/17/2022 09:25

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V26611.D Heated Purge: (Y/N) N

Calibration ID: 91464

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34640	2.56	432962	3.49	677360	4.53
UPPER LIMIT		69280	3.06	865924	3.99	1354720	5.03
LOWER LIMIT		17320	2.06	216481	2.99	338680	4.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872367/3		45023	2.56	515173	3.49	698468	4.53
LCSD 460-872367/4		39279	2.57	475964	3.49	671592	4.53
MB 460-872367/8		38869	2.56	450727	3.49	659372	4.53
460-267521-1	L3-TB-01_20221013	40557	2.57	500914	3.49	677076	4.53

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872367/2 Date Analyzed: 10/17/2022 09:25

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V26611.D Heated Purge: (Y/N) N

Calibration ID: 91464

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		18256	5.24	442632	8.17	216259	10.46
UPPER LIMIT		36512	5.74	885264	8.67	432518	10.96
LOWER LIMIT		9128	4.74	221316	7.67	108130	9.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872367/3		19730	5.24	440248	8.17	200735	10.46
LCSD 460-872367/4		18219	5.25	426661	8.17	194548	10.46
MB 460-872367/8		17800	5.24	414775	8.17	194171	10.46
460-267521-1	L3-TB-01_20221013	18586	5.25	433994	8.17	206360	10.46

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-870018/5 Date Analyzed: 10/04/2022 13:36

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K38864.D Heated Purge: (Y/N) Y

Calibration ID: 91486

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		303459	2.59	267286	3.47	700525	4.60
UPPER LIMIT		606918	3.09	534572	3.97	1401050	5.10
LOWER LIMIT		151730	2.09	133643	2.97	350263	4.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-870018/14		383523	2.57	273526	3.47	697870	4.60

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: STD20 460-870018/5 Date Analyzed: 10/04/2022 13:36

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K38864.D Heated Purge: (Y/N) Y

Calibration ID: 91486

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		38001	5.42	442973	8.45	239060	11.01
UPPER LIMIT		76002	5.92	885946	8.95	478120	11.51
LOWER LIMIT		19001	4.92	221487	7.95	119530	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-870018/14		37463	5.36	440298	8.45	240684	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872353/2 Date Analyzed: 10/17/2022 09:07

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K39148.D Heated Purge: (Y/N) Y

Calibration ID: 91486

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		399270	2.56	295933	3.46	758856	4.60
UPPER LIMIT		798540	3.06	591866	3.96	1517712	5.10
LOWER LIMIT		199635	2.06	147967	2.96	379428	4.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872353/3		414231	2.56	306079	3.47	791368	4.60
LCSD 460-872353/4		433477	2.57	309116	3.47	766951	4.60
MB 460-872353/8		338779	2.56	256383	3.46	702309	4.60
460-267360-12	L3-RI-SB-2B_15-16_20221012	356884	2.57	295783	3.44	797911	4.60
460-267360-13	L3-RI-SB-2B_16-18_20221012	396567	2.54	300928	3.44	752375	4.60
460-267360-15	L3-RI-SB-2B_20-22_20221012	359190	2.56	289601	3.44	787812	4.60
460-267360-16	L3-RI-SB-2B_22-24_20221012	352856	2.56	281231	3.44	740937	4.60
460-267360-17	L3-RI-SB-2B_24-26_20221012	373107	2.56	300115	3.44	744182	4.60
460-267360-18	L3-RI-SB-2B_26-28_20221012	338391	2.54	278364	3.44	756966	4.60
460-267360-19	L3-RI-SB-2B_28-30_20221012	364190	2.56	284858	3.44	740349	4.60
460-267360-20	L3-RI-SB-2B_30-32_20221012	384207	2.57	289077	3.44	764832	4.60
460-267360-21	L3-RI-SB-2B_32-34_20221012	302829	2.57	249935	3.44	720195	4.60

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872353/2 Date Analyzed: 10/17/2022 09:07

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K39148.D Heated Purge: (Y/N) Y

Calibration ID: 91486

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		43169	5.35	512333	8.45	273105	11.01
UPPER LIMIT		86338	5.85	1024666	8.95	546210	11.51
LOWER LIMIT		21585	4.85	256167	7.95	136553	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872353/3		43363	5.34	519675	8.45	287417	11.01
LCSD 460-872353/4		46170	5.35	526783	8.45	278750	11.01
MB 460-872353/8		40110	5.34	473527	8.45	251285	11.01
460-267360-12	L3-RI-SB-2B_15-16_20221012	43144	5.35	539142	8.45	293480	11.01
460-267360-13	L3-RI-SB-2B_16-18_20221012	42410	5.34	532220	8.45	280423	11.01
460-267360-15	L3-RI-SB-2B_20-22_20221012	40292	5.35	540075	8.45	298729	11.01
460-267360-16	L3-RI-SB-2B_22-24_20221012	40663	5.36	514449	8.45	276348	11.01
460-267360-17	L3-RI-SB-2B_24-26_20221012	44685	5.36	501404	8.45	268299	11.01
460-267360-18	L3-RI-SB-2B_26-28_20221012	37028	5.36	514398	8.45	271388	11.01
460-267360-19	L3-RI-SB-2B_28-30_20221012	41782	5.36	531049	8.45	300016	11.01
460-267360-20	L3-RI-SB-2B_30-32_20221012	41399	5.34	544181	8.45	297093	11.01
460-267360-21	L3-RI-SB-2B_32-34_20221012	32546	5.34	529742	8.45	286373	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872456/2 Date Analyzed: 10/17/2022 19:46

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K39176.D Heated Purge: (Y/N) Y

Calibration ID: 91486

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		452068	2.57	339230	3.44	798056	4.60
UPPER LIMIT		904136	3.07	678460	3.94	1596112	5.10
LOWER LIMIT		226034	2.07	169615	2.94	399028	4.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872456/3		490150	2.57	351596	3.47	813093	4.60
LCSD 460-872456/4		482733	2.56	328238	3.46	780353	4.60
MB 460-872456/8		525457	2.56	360500	3.47	714472	4.60
460-267360-14	L3-RI-SB-2B_18-20_20221012	330621	2.56	271014	3.47	740302	4.60

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Sample No.: CCVIS 460-872456/2 Date Analyzed: 10/17/2022 19:46

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K39176.D Heated Purge: (Y/N) Y

Calibration ID: 91486

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		41033	5.35	568683	8.45	316011	11.01
UPPER LIMIT		82066	5.85	1137366	8.95	632022	11.51
LOWER LIMIT		20517	4.85	284342	7.95	158006	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-872456/3		47161	5.34	552178	8.45	299248	11.01
LCSD 460-872456/4		48611	5.36	540718	8.45	291576	11.01
MB 460-872456/8		56441	5.35	487570	8.45	267362	11.01
460-267360-14	L3-RI-SB-2B_18-20_20221012	32468	5.37	502897	8.45	272600	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_15-16_20221012 | Lab Sample ID: 460-267360-1

Matrix: Solid | Lab File ID: B93119.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:00

Sample wt/vol: 5.33(g) | Date Analyzed: 10/17/2022 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 9.9 % Solids: 90.1 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00040
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00054
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0072		0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.0078		0.0010	0.00033
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		72-145
460-00-4	Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	120		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93119.D
Lims ID: 460-267360-C-1-C
Client ID: L2-RI-SB-10B_15-16_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 09:02:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-1-C
Misc. Info.: 460-0151824-012
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:14:29 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 11:15:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.154	2.142	0.012	0	516921	1000.0	
* 40 2-Butanone-d5	46	3.093	3.081	0.013	0	500492	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.574	0.007	96	175806	59.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	218557	59.2	
* 60 Fluorobenzene	96	4.306	4.300	0.006	98	617804	50.0	
63 Trichloroethene	95	4.751	4.739	0.012	93	21597	7.51	
* 69 1,4-Dioxane-d8	96	5.208	5.208	0.000	0	34032	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	695663	51.1	
85 Tetrachloroethene	166	7.427	7.421	0.006	93	18650	6.91	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	452540	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	86	176193	52.5	
* 117 1,4-Dichlorobenzene-d4	152	12.878	12.883	-0.005	98	229612	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

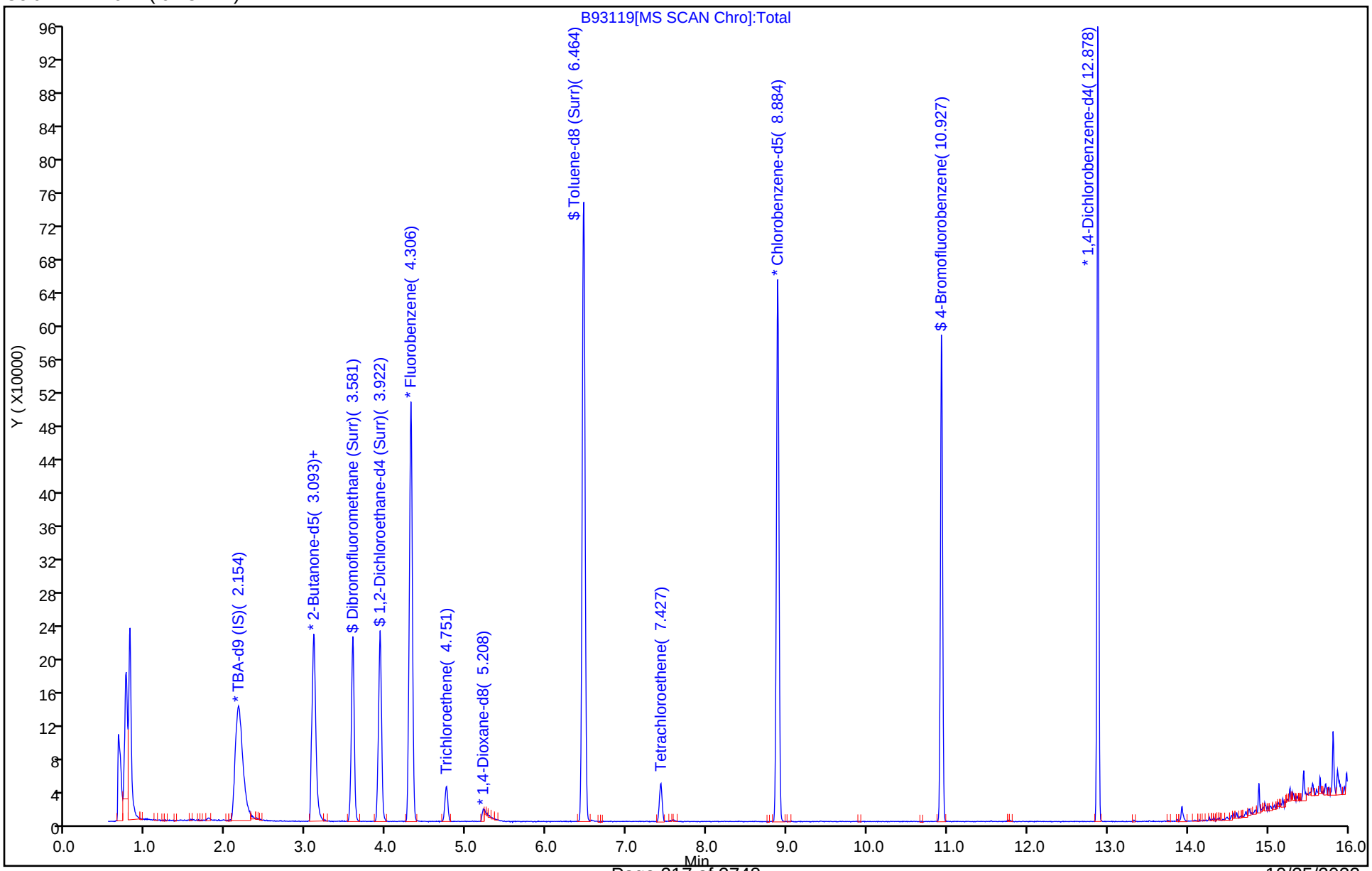
Report Date: 17-Oct-2022 11:15:31 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93119.D

Injection Date:	17-Oct-2022 09:02:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-1-C	Lab Sample ID:	460-267360-1	Worklist Smp#:	12
Client ID:	L2-RI-SB-10B_15-16_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93119.D
Lims ID: 460-267360-C-1-C
Client ID: L2-RI-SB-10B_15-16_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 09:02:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-1-C
Misc. Info.: 460-0151824-012
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:14:29 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

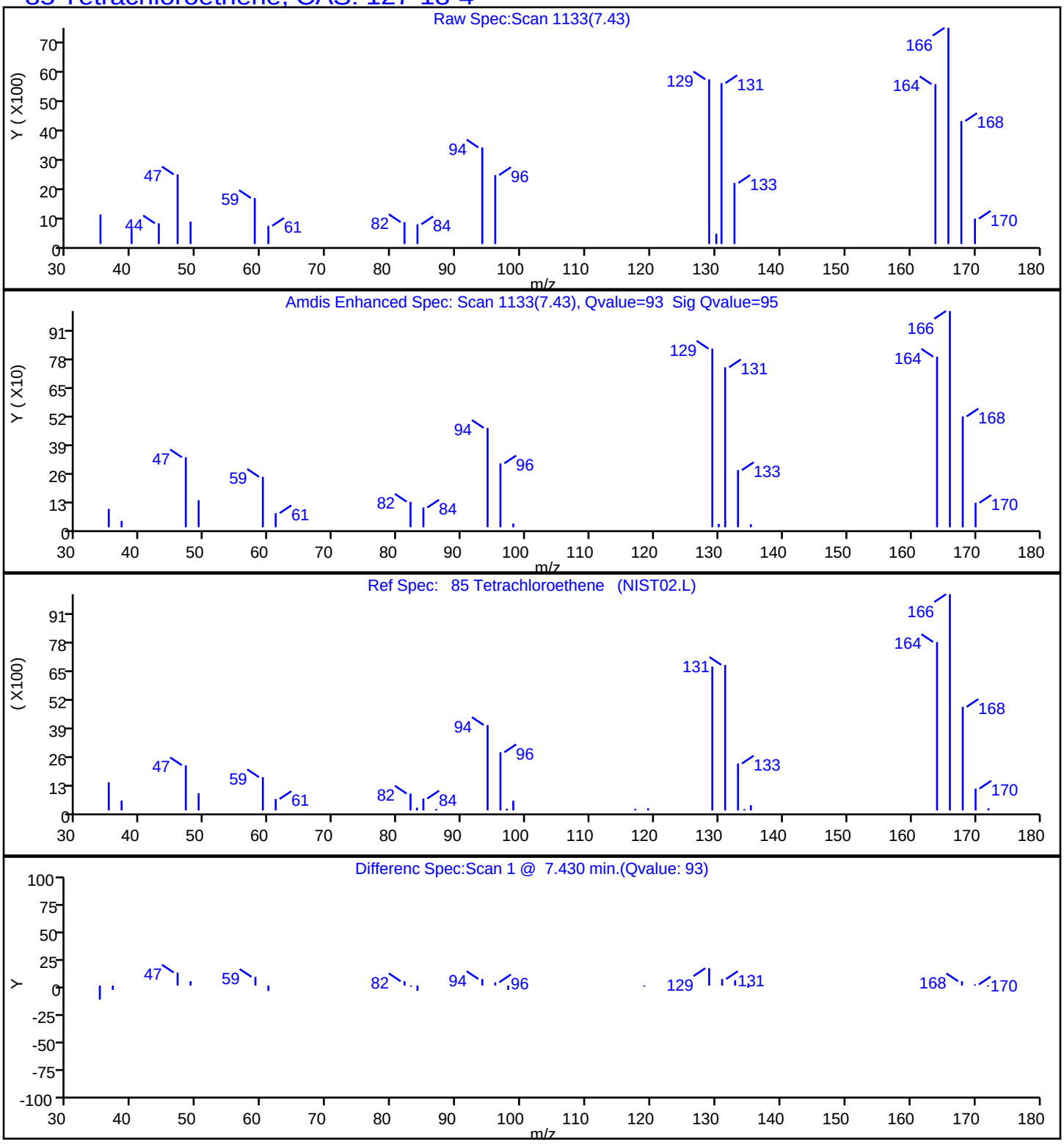
First Level Reviewer: NN6A Date: 17-Oct-2022 11:15:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	59.9	119.88
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	59.2	118.49
$ 79 Toluene-d8 (Surr)	50.0	51.1	102.23
$ 103 4-Bromofluorobenzene	50.0	52.5	104.93

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93119.D
Injection Date: 17-Oct-2022 09:02:30 Instrument ID: CVOAMS2
Lims ID: 460-267360-C-1-C Lab Sample ID: 460-267360-1
Client ID: L2-RI-SB-10B_15-16_20221012
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

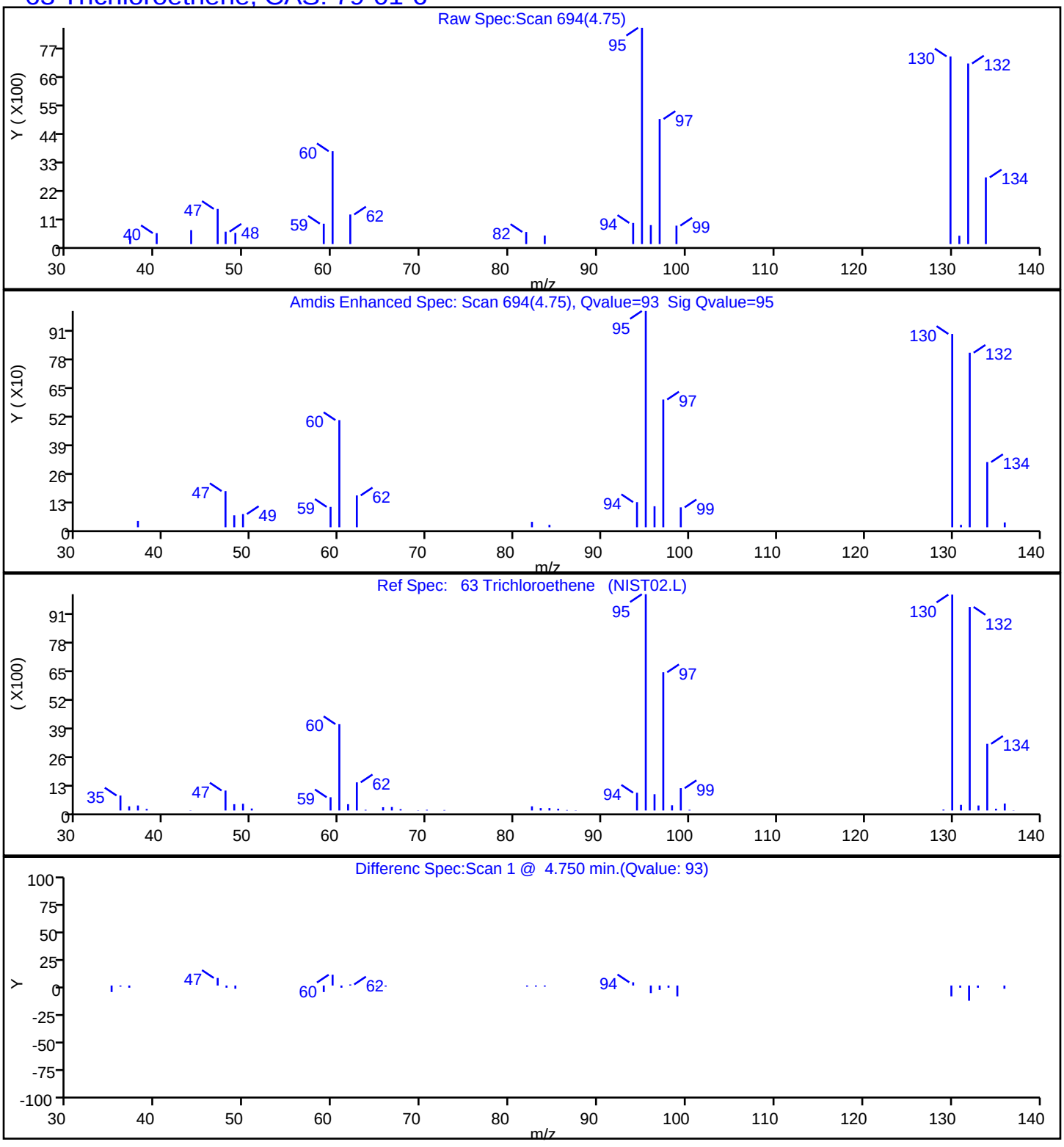
85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93119.D		
Injection Date:	17-Oct-2022 09:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-1-C	Lab Sample ID:	460-267360-1
Client ID:	L2-RI-SB-10B_15-16_20221012		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_16-18_20221012 | Lab Sample ID: 460-267360-2

Matrix: Solid | Lab File ID: B93130.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:10

Sample wt/vol: 4.80(g) | Date Analyzed: 10/17/2022 13:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00047
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0029		0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00022
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
127-18-4	Tetrachloroethene	0.0022		0.0011	0.00034
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.040		0.0011	0.00036
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00061

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	Bromofluorobenzene	88		75-139
1868-53-7	Dibromofluoromethane (Surr)	96		73-139
2037-26-5	Toluene-d8 (Surr)	88		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93130.D
Lims ID: 460-267360-C-2-A
Client ID: L2-RI-SB-10B_16-18_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 13:35:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-2-A
Misc. Info.: 460-0151824-023
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:18:47 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:19:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.166	2.142	0.024	0	426737	1000.0	
* 40 2-Butanone-d5	46	3.099	3.081	0.019	0	450722	250.0	
41 cis-1,2-Dichloroethene	96	3.105	3.093	0.012	29	8221	2.58	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.574	0.007	96	139212	48.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	175536	48.2	
* 60 Fluorobenzene	96	4.312	4.300	0.012	97	609962	50.0	
63 Trichloroethene	95	4.751	4.739	0.012	96	103419	36.4	
* 69 1,4-Dioxane-d8	96	5.227	5.208	0.019	0	29507	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	587271	43.9	
85 Tetrachloroethene	166	7.421	7.421	0.000	88	5262	1.99	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	444566	50.0	
$ 103 4-Bromofluorobenzene	174	10.927	10.933	-0.006	85	149480	44.0	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	97	232305	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

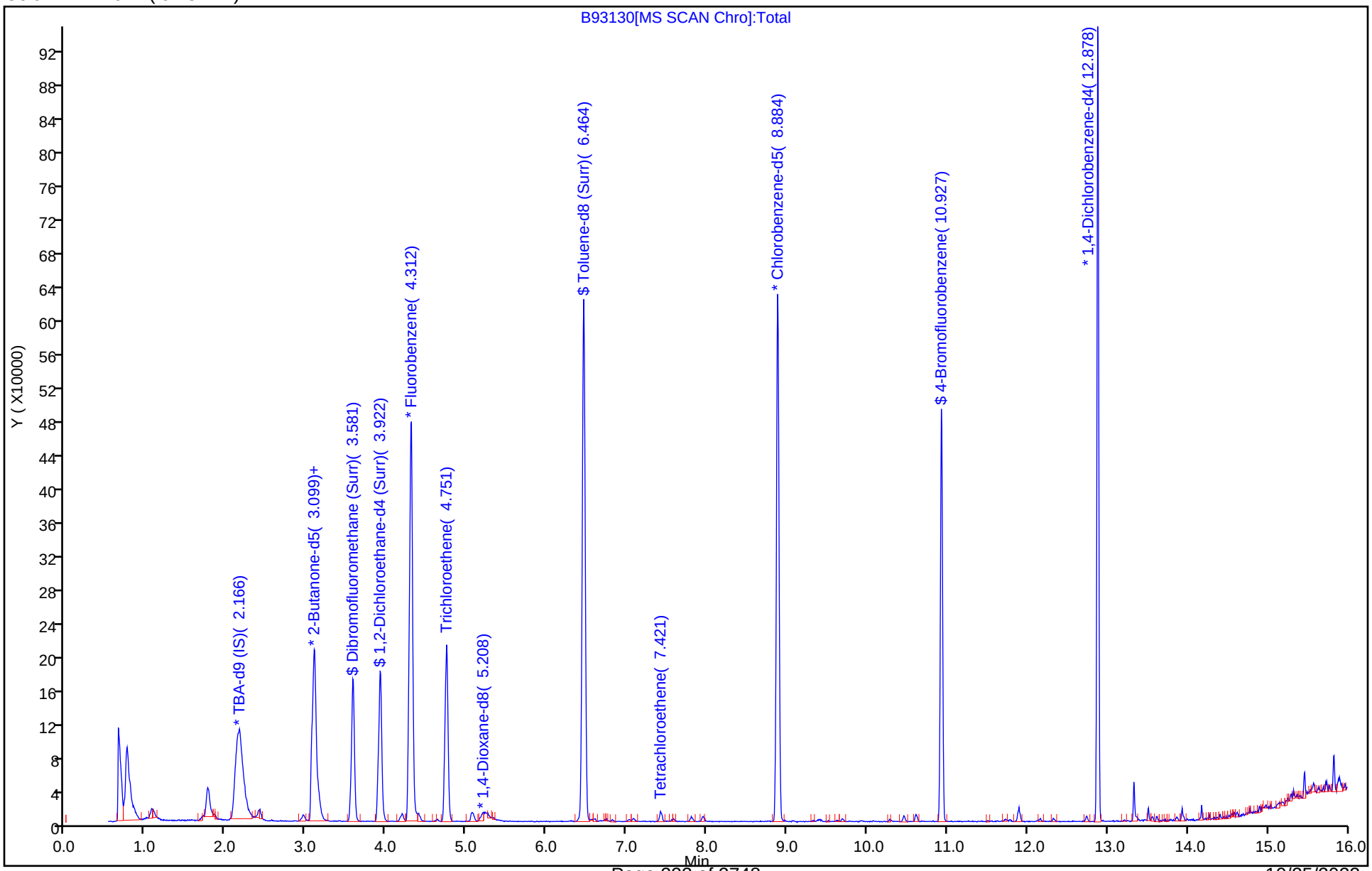
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93130.D

Injection Date:	17-Oct-2022 13:35:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-2-A	Lab Sample ID:	460-267360-2	Worklist Smp#:	23
Client ID:	L2-RI-SB-10B_16-18_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93130.D
Lims ID: 460-267360-C-2-A
Client ID: L2-RI-SB-10B_16-18_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 13:35:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-2-A
Misc. Info.: 460-0151824-023
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:18:47 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

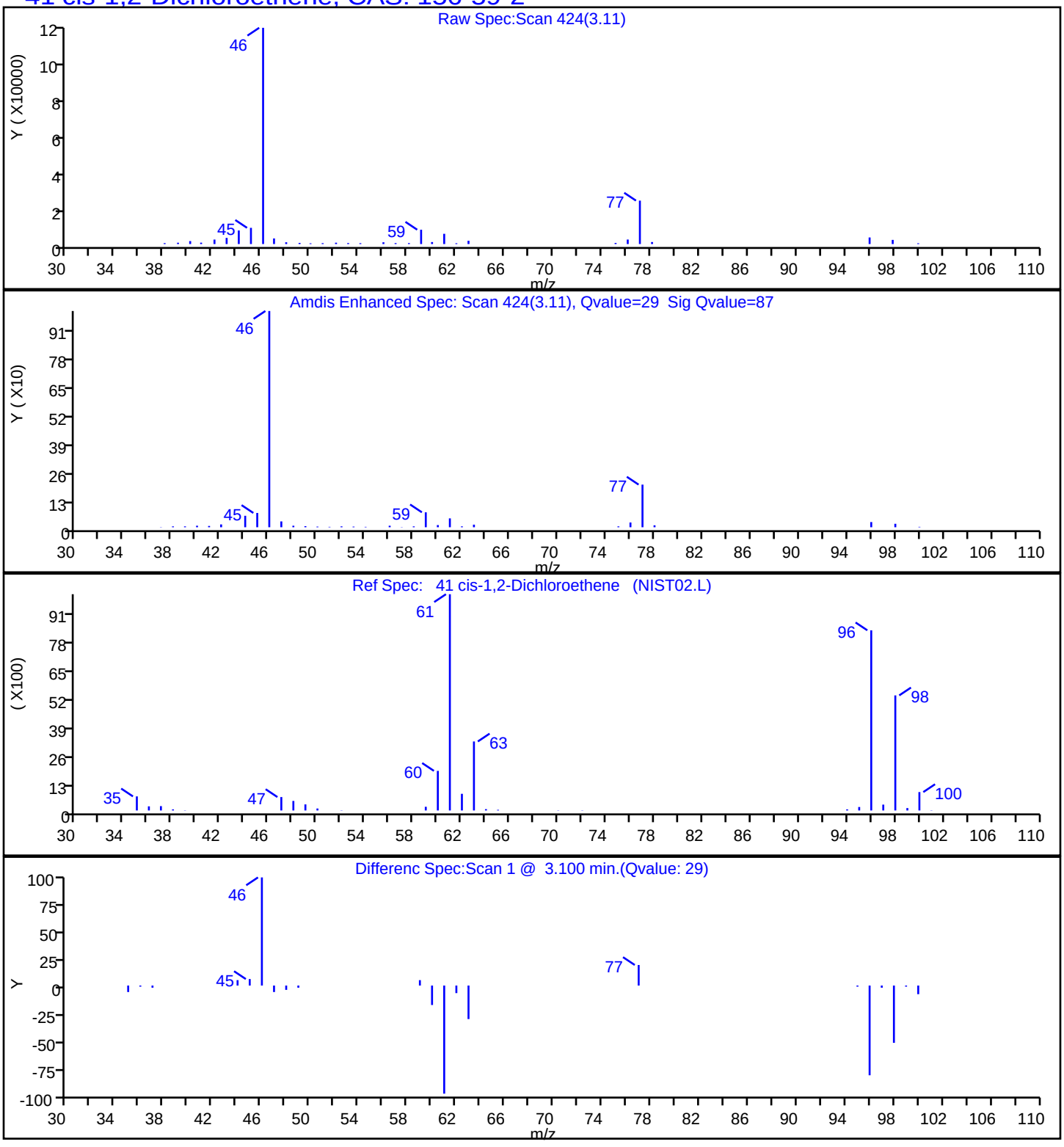
First Level Reviewer: C1JX Date: 17-Oct-2022 16:19:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	48.1	96.14
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	48.2	96.39
$ 79 Toluene-d8 (Surr)	50.0	43.9	87.85
$ 103 4-Bromofluorobenzene	50.0	44.0	87.99

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93130.D				
Injection Date:	17-Oct-2022 13:35:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-2-A	Lab Sample ID:	460-267360-2		
Client ID:	L2-RI-SB-10B_16-18_20221012				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

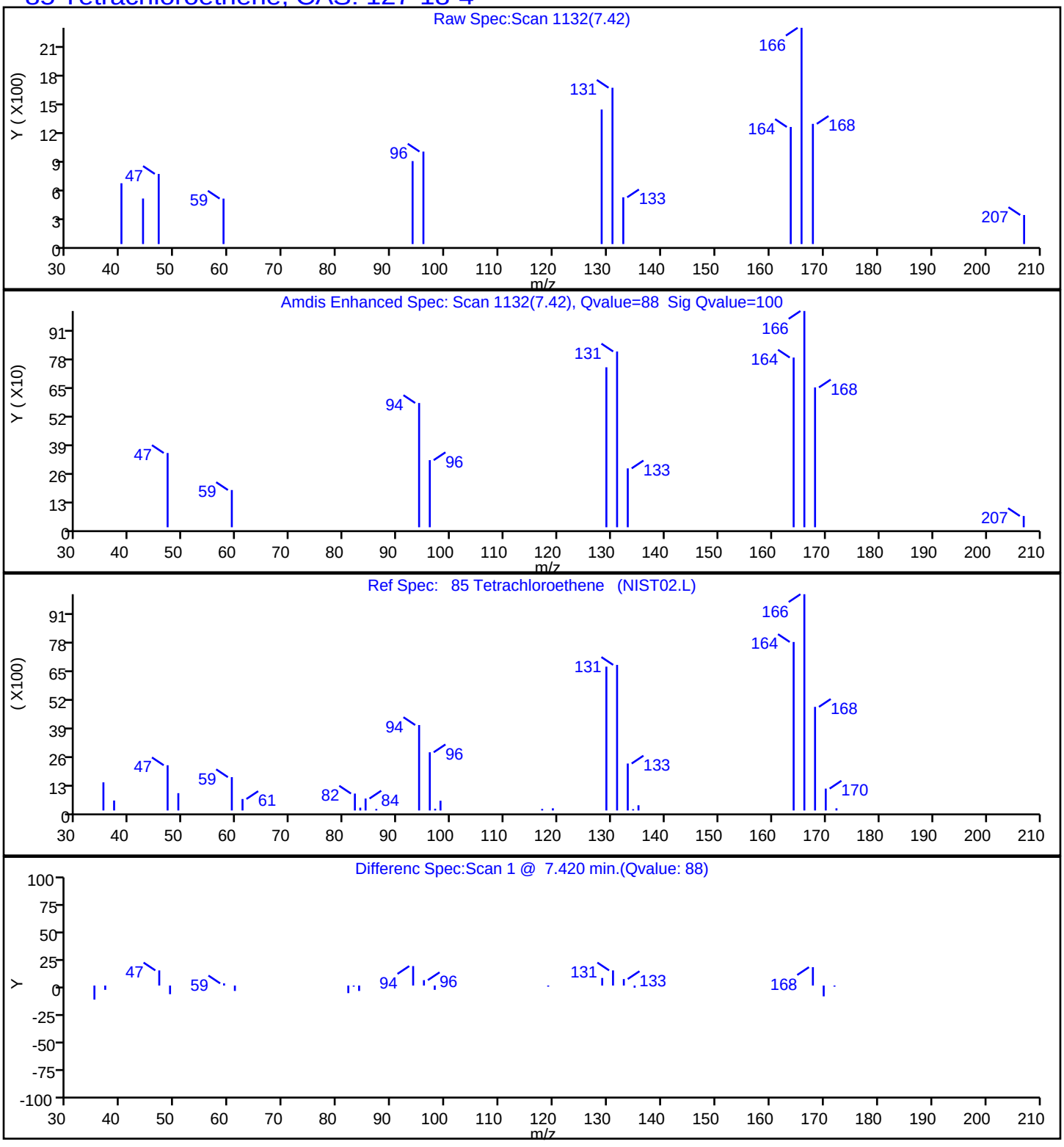
41 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93130.D		
Injection Date:	17-Oct-2022 13:35:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-2-A	Lab Sample ID:	460-267360-2
Client ID:	L2-RI-SB-10B_16-18_20221012		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

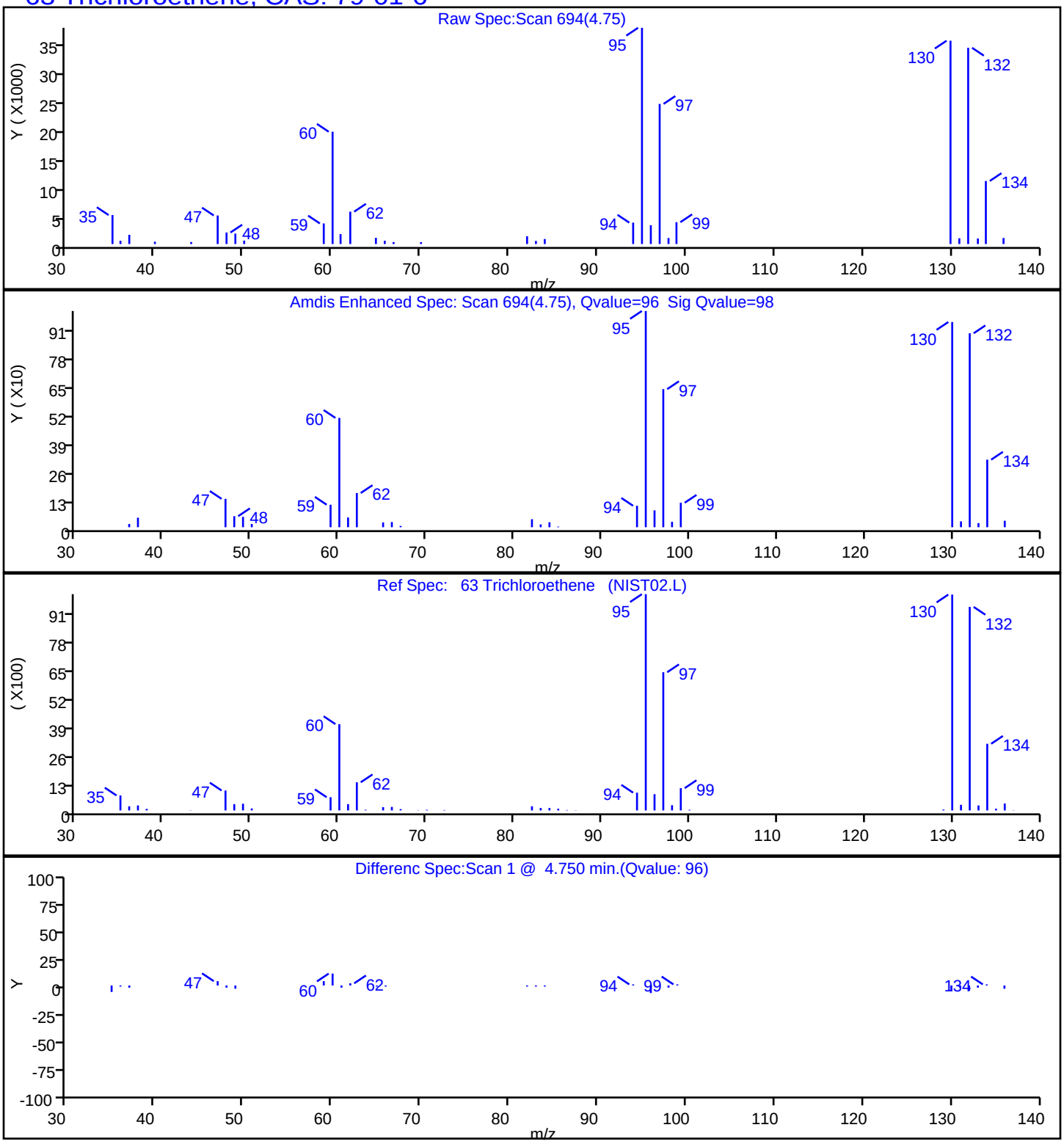
85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93130.D		
Injection Date:	17-Oct-2022 13:35:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-2-A	Lab Sample ID:	460-267360-2
Client ID:	L2-RI-SB-10B_16-18_20221012		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_18-20_20221012 | Lab Sample ID: 460-267360-3

Matrix: Solid | Lab File ID: B93131.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:15

Sample wt/vol: 4.95(g) | Date Analyzed: 10/17/2022 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.6 % Solids: 96.4 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0011		0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00022
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00024
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00041
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00055
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0034		0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.0036		0.0010	0.00034
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93131.D
Lims ID: 460-267360-C-3-A
Client ID: L2-RI-SB-10B_18-20_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 14:00:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-3-A
Misc. Info.: 460-0151824-024
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:18:47 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:19:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.160	2.142	0.018	0	410095	1000.0	
* 40 2-Butanone-d5	46	3.099	3.081	0.019	0	438225	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.574	0.013	96	168121	56.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	200849	53.9	
* 60 Fluorobenzene	96	4.312	4.300	0.012	97	623531	50.0	
63 Trichloroethene	95	4.751	4.739	0.012	90	10044	3.46	
* 69 1,4-Dioxane-d8	96	5.215	5.208	0.006	0	28665	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	673572	50.4	
85 Tetrachloroethene	166	7.421	7.421	0.000	86	8503	3.21	
* 91 Chlorobenzene-d5	117	8.885	8.884	0.001	90	444573	50.0	
$ 103 4-Bromofluorobenzene	174	10.927	10.933	-0.006	85	168658	50.2	
106 1,1,2,2-Tetrachloroethane	83	11.274	11.280	-0.006	94	3462	1.05	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	98	229794	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

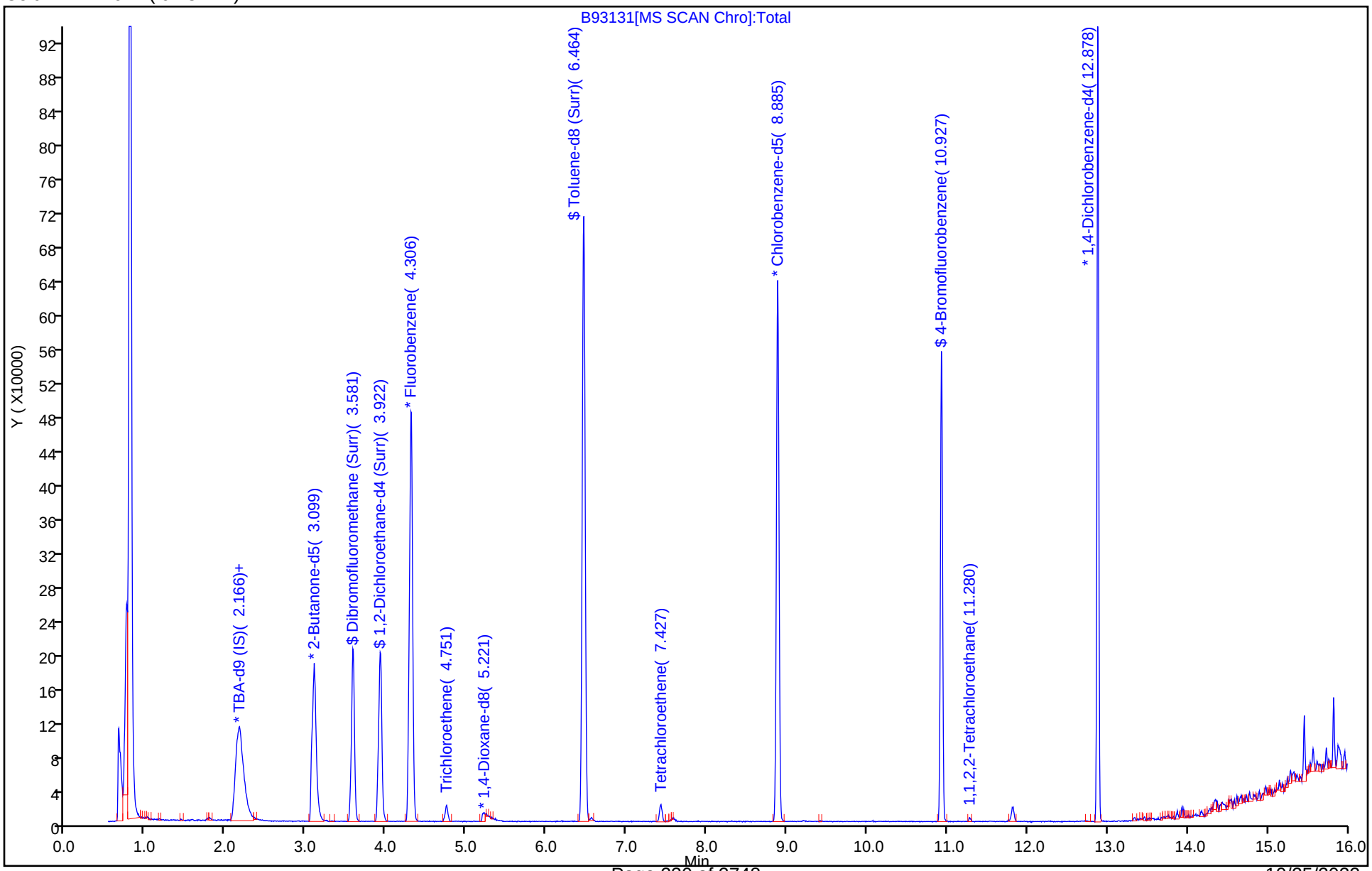
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93131.D

Injection Date:	17-Oct-2022 14:00:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-3-A	Lab Sample ID:	460-267360-3	Worklist Smp#:	24
Client ID:	L2-RI-SB-10B_18-20_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93131.D
Lims ID: 460-267360-C-3-A
Client ID: L2-RI-SB-10B_18-20_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 14:00:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-3-A
Misc. Info.: 460-0151824-024
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:18:47 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

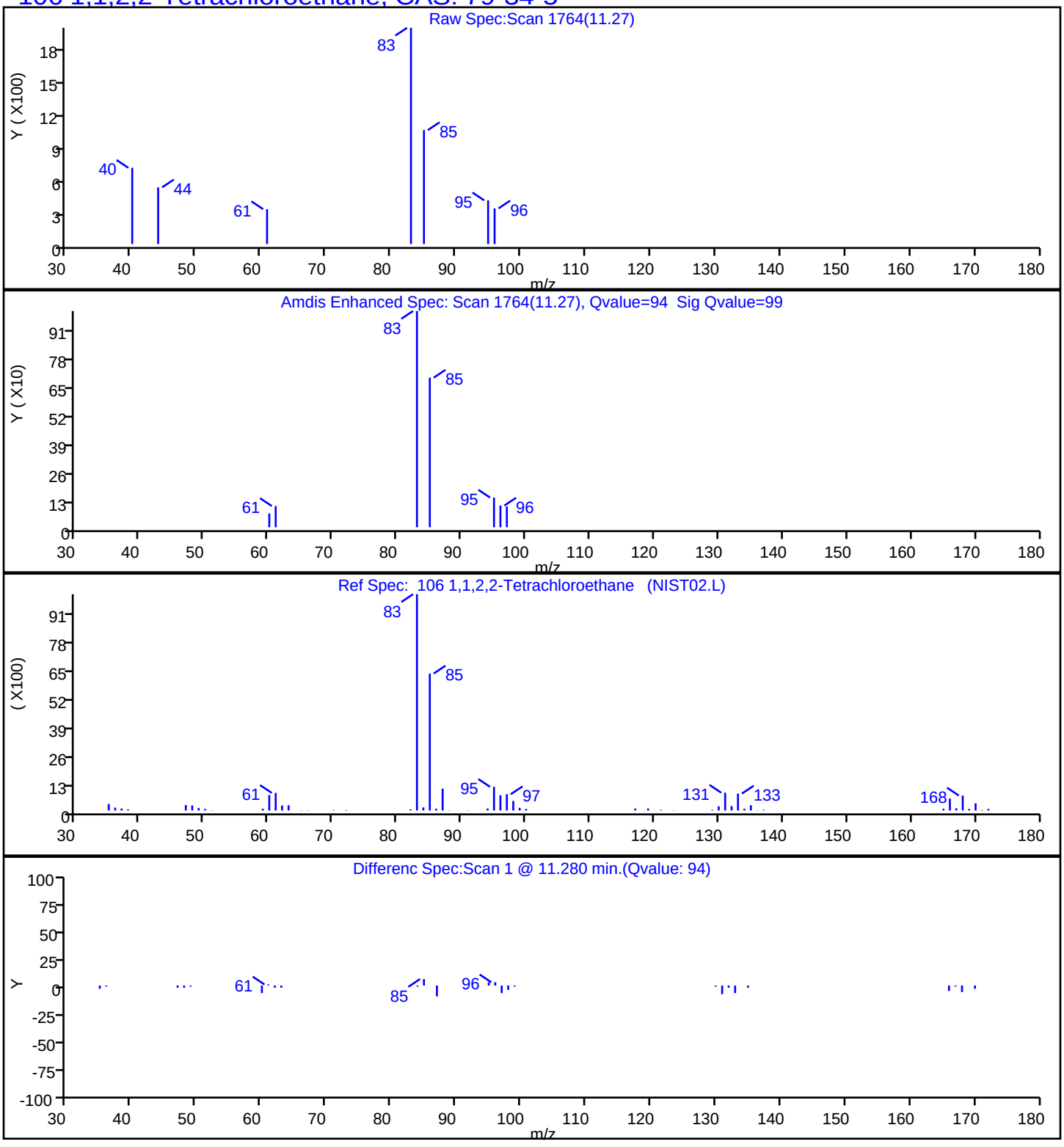
First Level Reviewer: C1JX Date: 17-Oct-2022 16:19:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	56.8	113.58
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	53.9	107.89
$ 79 Toluene-d8 (Surr)	50.0	50.4	100.76
$ 103 4-Bromofluorobenzene	50.0	50.2	100.36

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93131.D		
Injection Date:	17-Oct-2022 14:00:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-3-A	Lab Sample ID:	460-267360-3
Client ID:	L2-RI-SB-10B_18-20_20221012		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

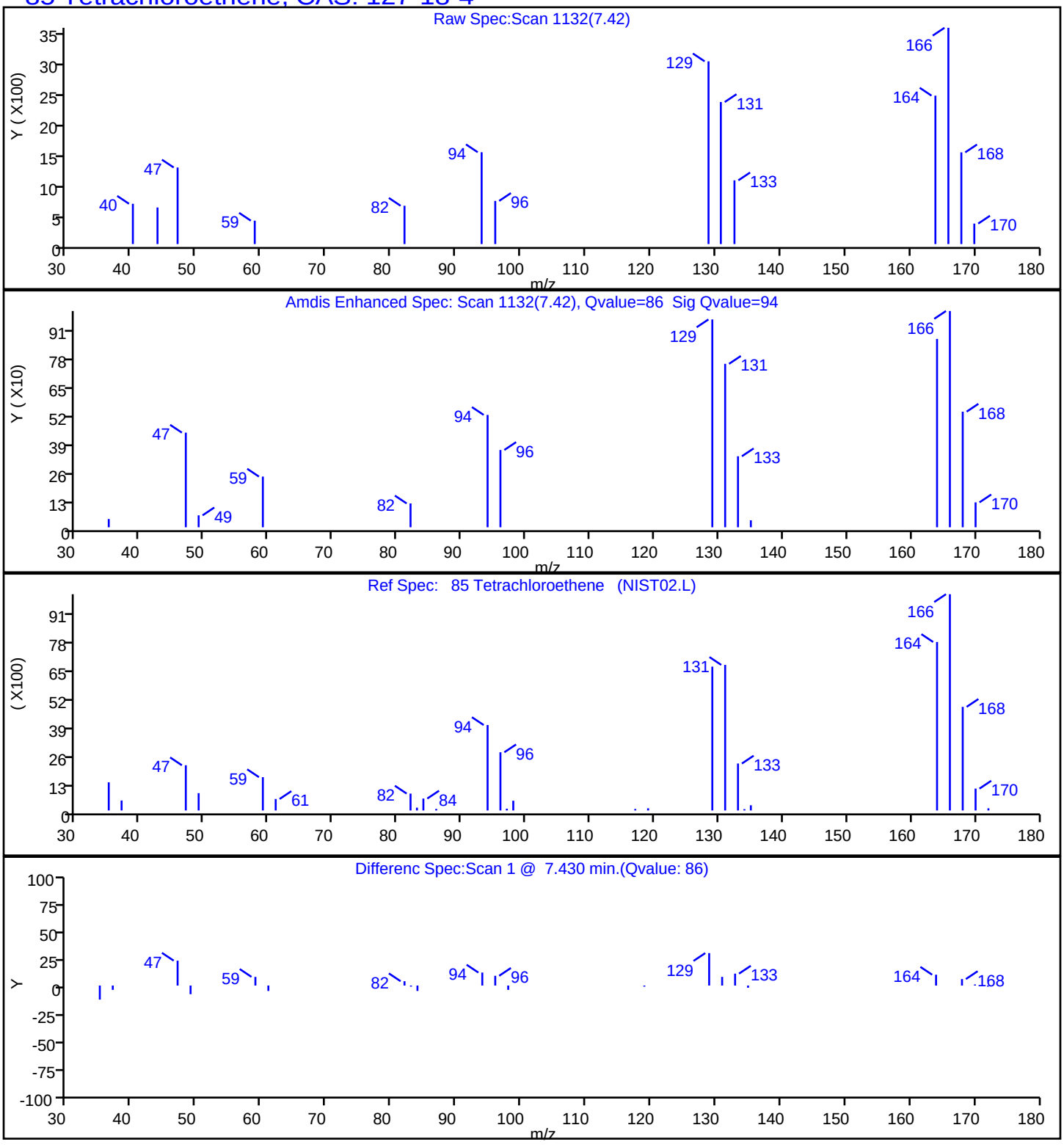
106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93131.D
Injection Date: 17-Oct-2022 14:00:30 Instrument ID: CVOAMS2
Lims ID: 460-267360-C-3-A Lab Sample ID: 460-267360-3
Client ID: L2-RI-SB-10B_18-20_20221012
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

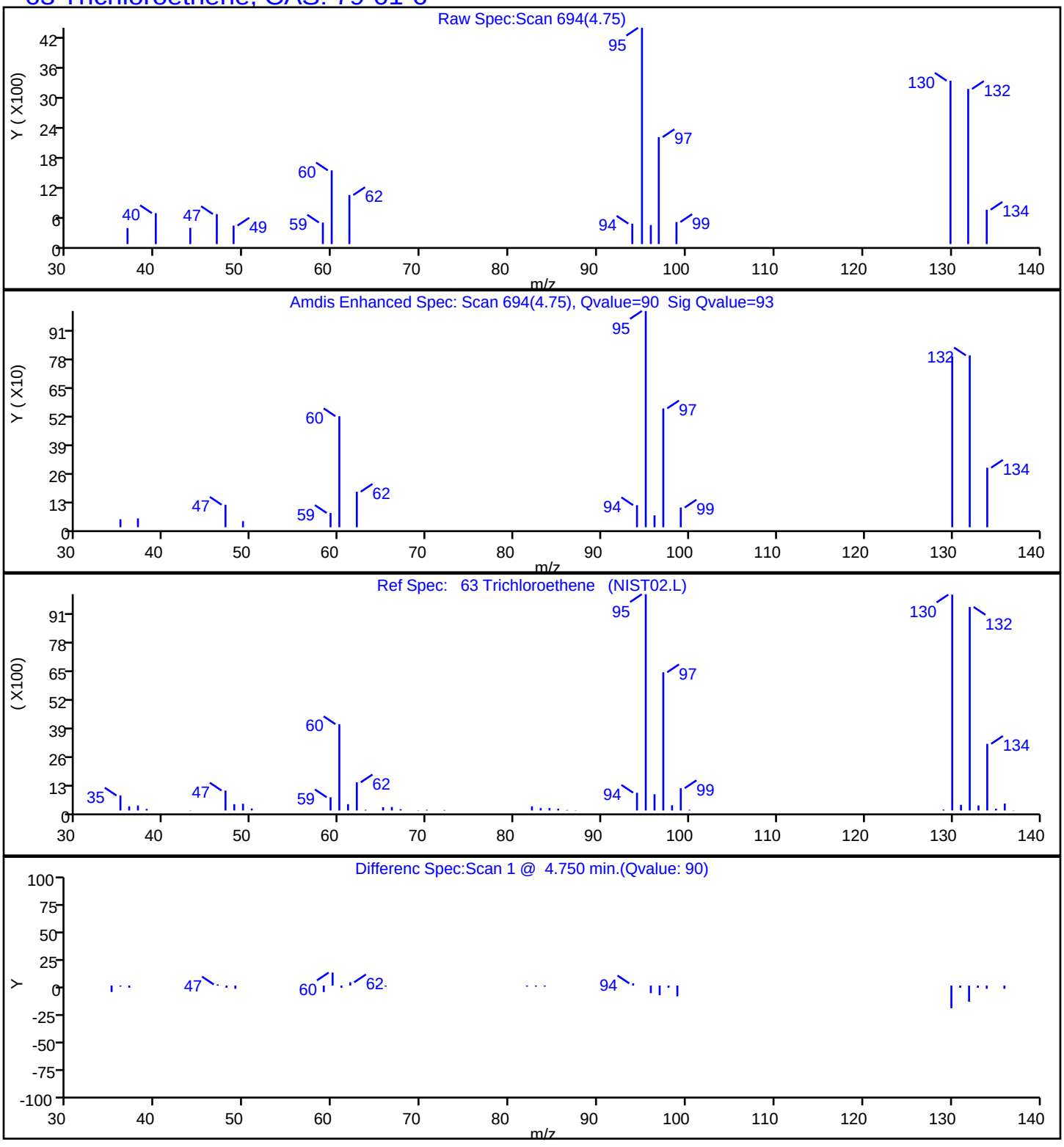
85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93131.D		
Injection Date:	17-Oct-2022 14:00:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-3-A	Lab Sample ID:	460-267360-3
Client ID:	L2-RI-SB-10B_18-20_20221012		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_20-22_20221012 | Lab Sample ID: 460-267360-4

Matrix: Solid | Lab File ID: B93132.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:20

Sample wt/vol: 5.09(g) | Date Analyzed: 10/17/2022 14:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0032		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.011		0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.012		0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00059

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93132.D
Lims ID: 460-267360-C-4-A
Client ID: L2-RI-SB-10B_20-22_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 14:24:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-4-A
Misc. Info.: 460-0151824-025
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:19:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.166	2.142	0.024	0	446251	1000.0	
* 40 2-Butanone-d5	46	3.099	3.081	0.019	0	465667	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.574	0.007	96	166902	56.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.910	0.018	0	201129	54.3	
* 60 Fluorobenzene	96	4.306	4.300	0.006	98	619959	50.0	
63 Trichloroethene	95	4.751	4.739	0.012	96	33548	11.6	
* 69 1,4-Dioxane-d8	96	5.202	5.208	-0.006	0	28925	1000.0	a
$ 79 Toluene-d8 (Surr)	98	6.458	6.458	0.000	98	658224	48.2	
85 Tetrachloroethene	166	7.421	7.421	0.000	95	28502	10.5	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	453784	50.0	
$ 103 4-Bromofluorobenzene	174	10.927	10.933	-0.006	86	171675	50.1	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	93	10017	2.97	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	97	234289	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

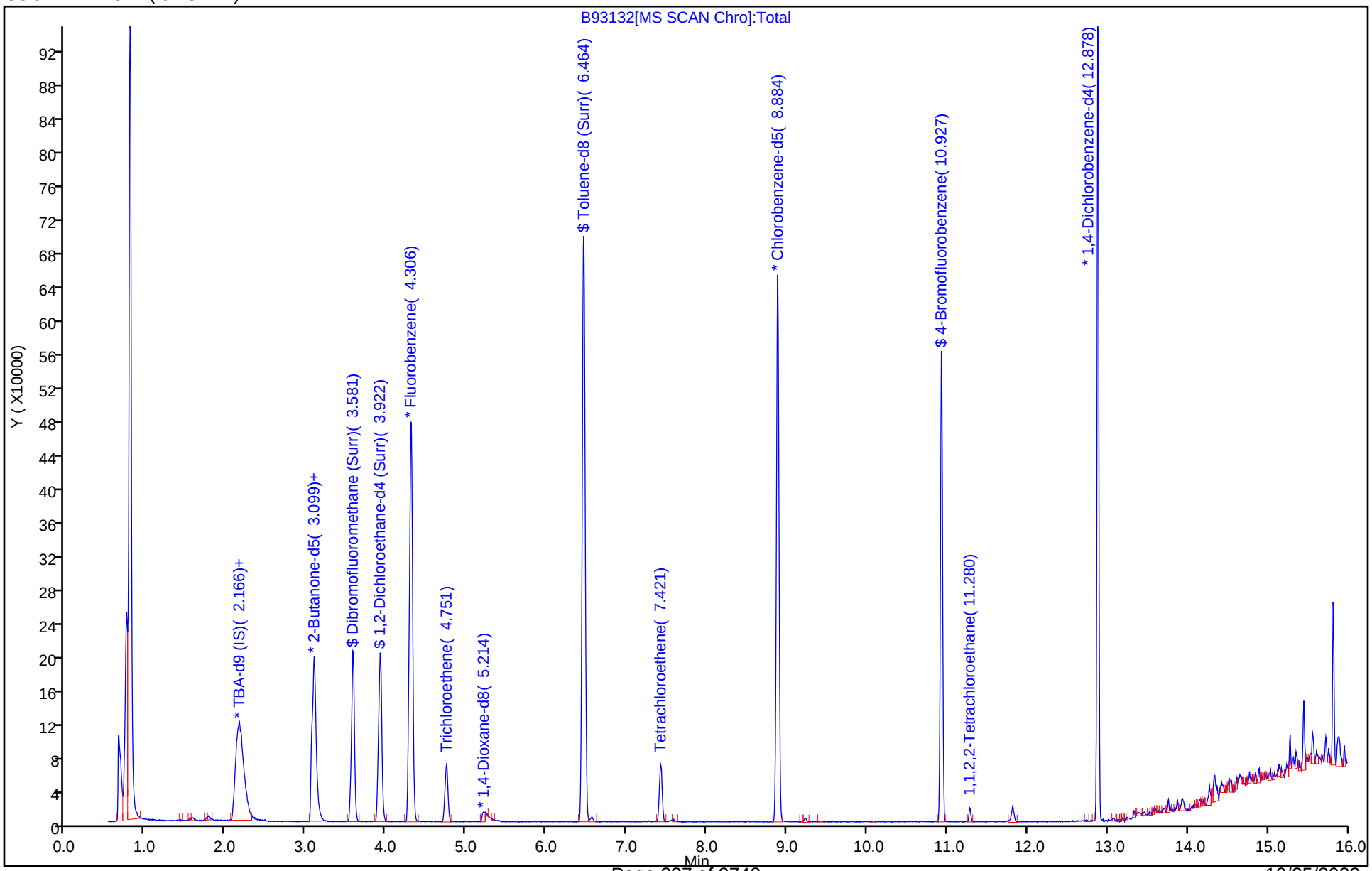
Report Date: 17-Oct-2022 16:19:43 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93132.D

Injection Date:	17-Oct-2022 14:24:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-4-A	Lab Sample ID:	460-267360-4	Worklist Smp#:	25
Client ID:	L2-RI-SB-10B_20-22_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93132.D
Lims ID: 460-267360-C-4-A
Client ID: L2-RI-SB-10B_20-22_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 14:24:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-4-A
Misc. Info.: 460-0151824-025
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:19:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	56.7	113.41
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.3	108.66
$ 79 Toluene-d8 (Surr)	50.0	48.2	96.47
$ 103 4-Bromofluorobenzene	50.0	50.1	100.20

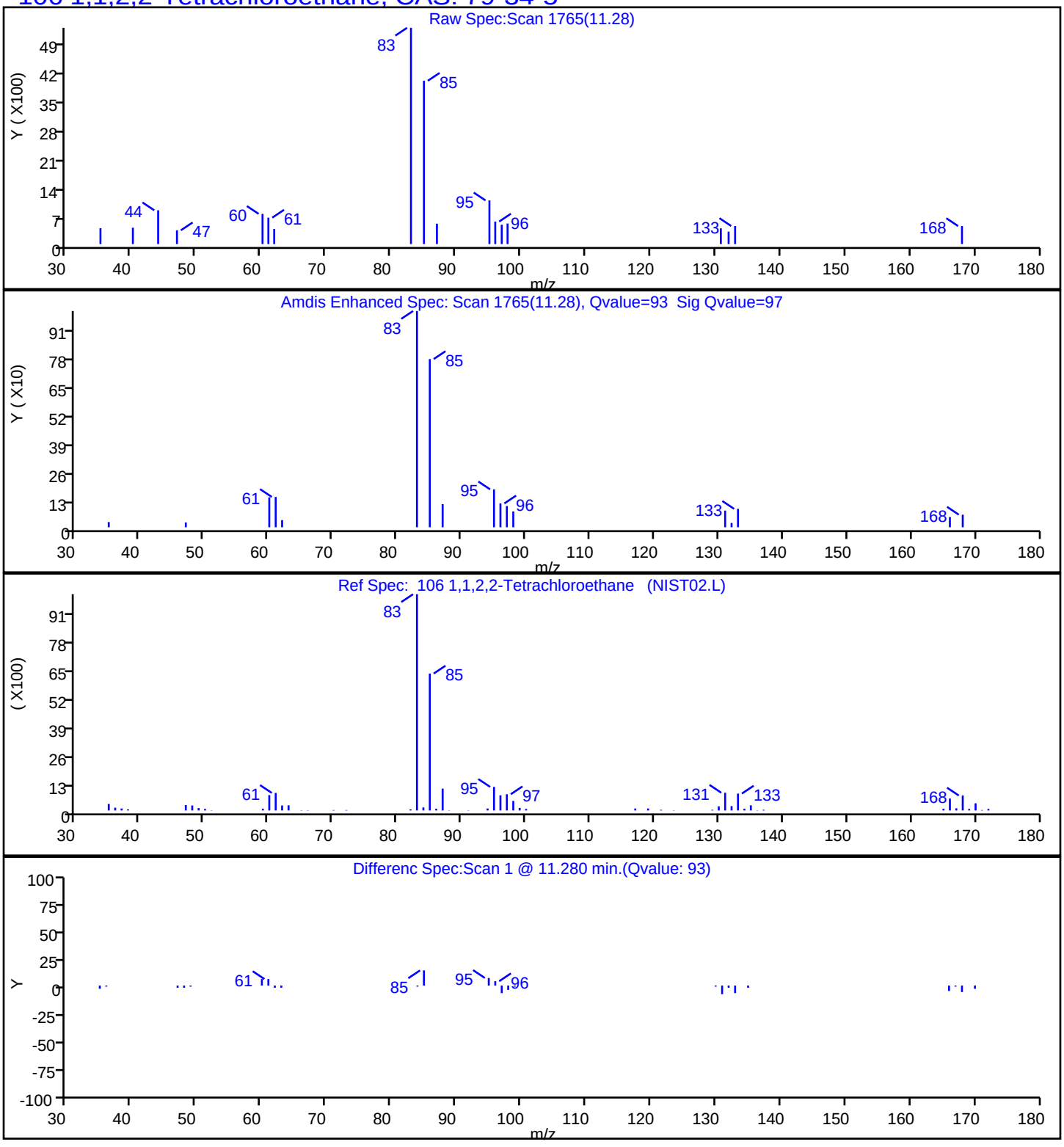
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93132.D

Injection Date:	17-Oct-2022 14:24:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-4-A	Lab Sample ID:	460-267360-4		
Client ID:	L2-RI-SB-10B_20-22_20221012				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

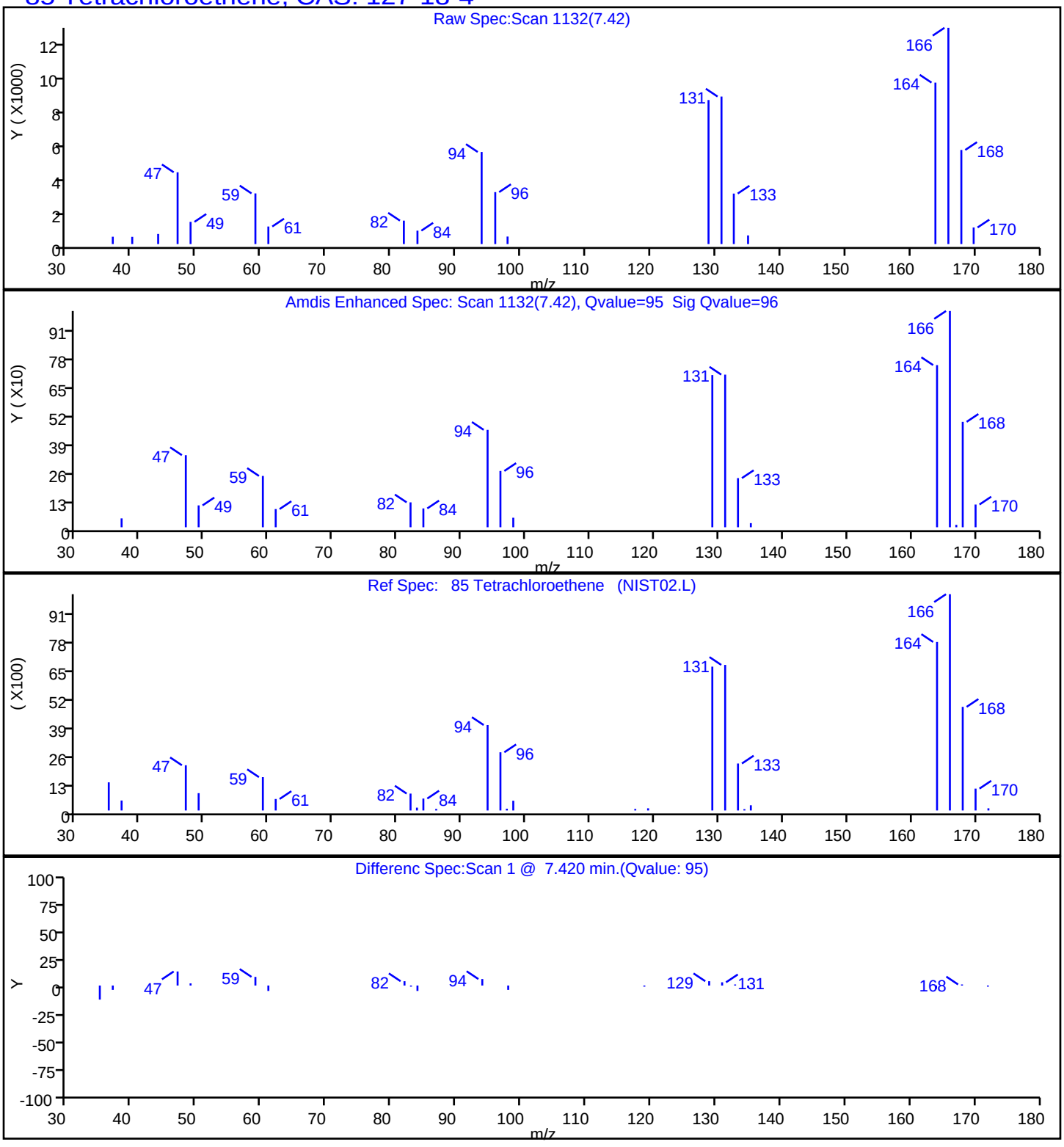
106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93132.D		
Injection Date:	17-Oct-2022 14:24:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-4-A	Lab Sample ID:	460-267360-4
Client ID:	L2-RI-SB-10B_20-22_20221012		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

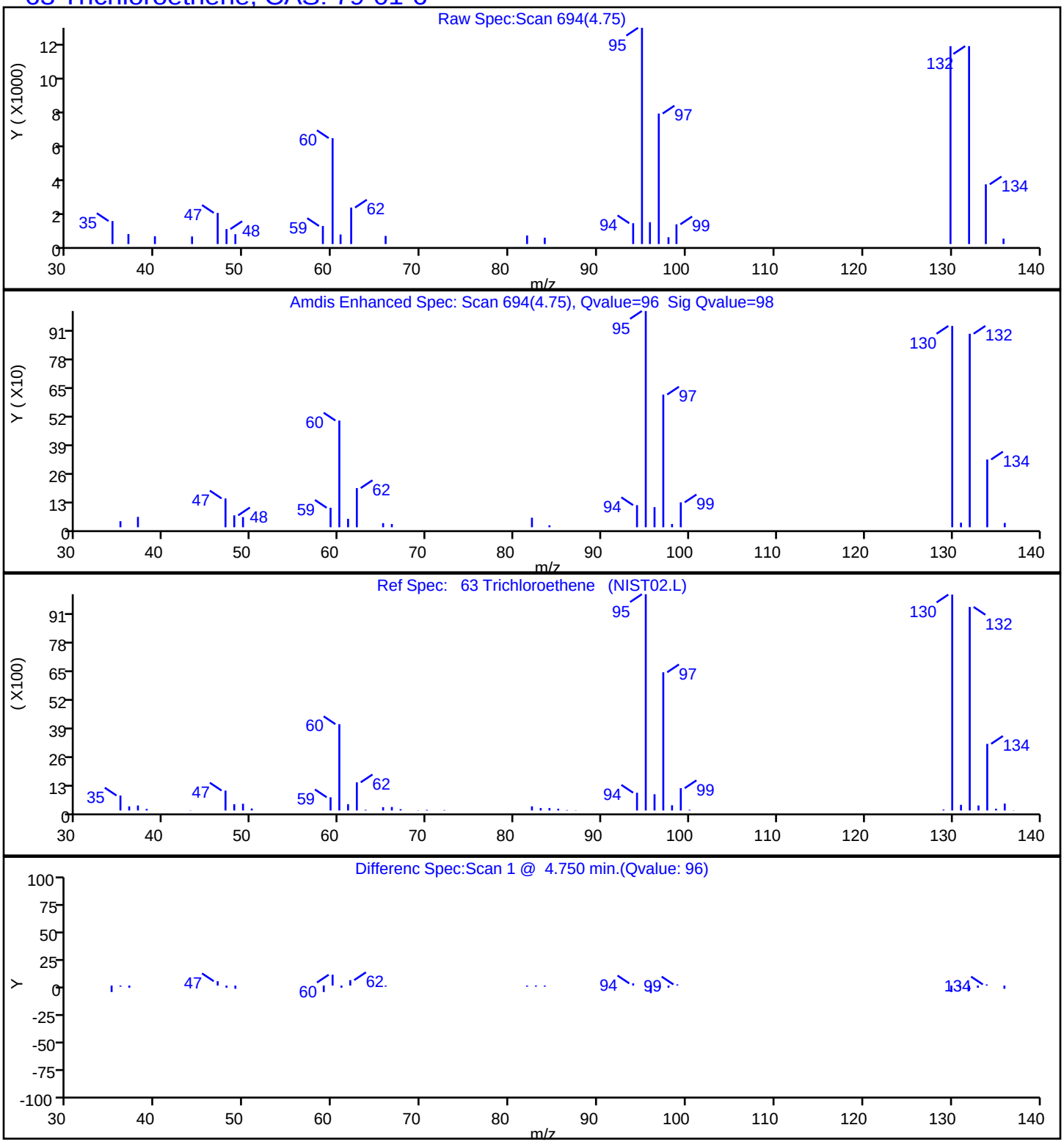
85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93132.D		
Injection Date:	17-Oct-2022 14:24:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-4-A	Lab Sample ID:	460-267360-4
Client ID:	L2-RI-SB-10B_20-22_20221012		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

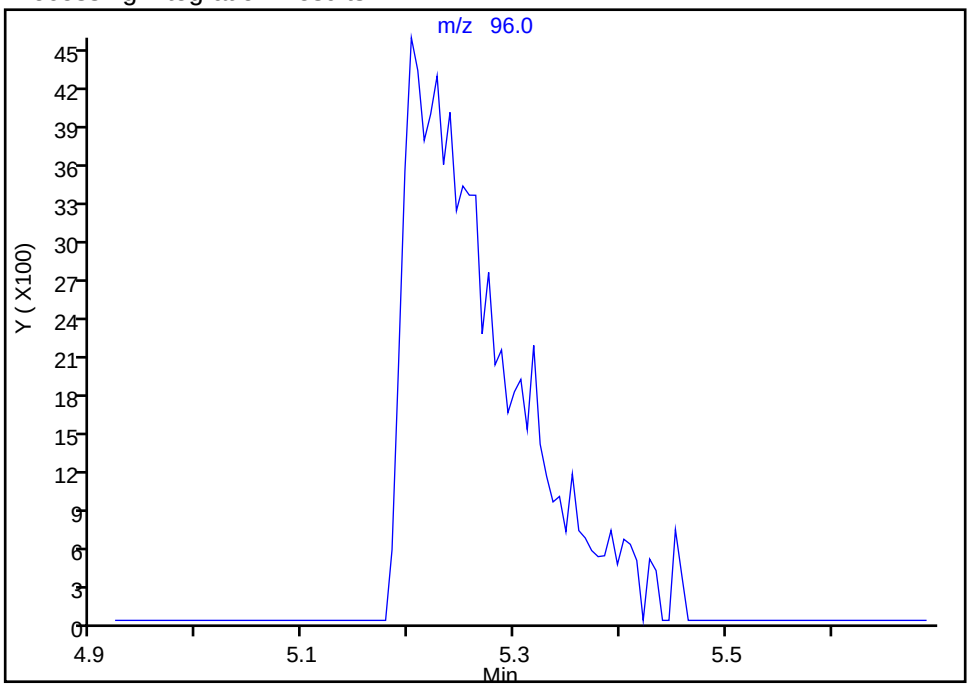
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Injection Date:	17-Oct-2022 14:24:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-4-A	Lab Sample ID:	460-267360-4		
Client ID:	L2-RI-SB-10B_20-22_20221012				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

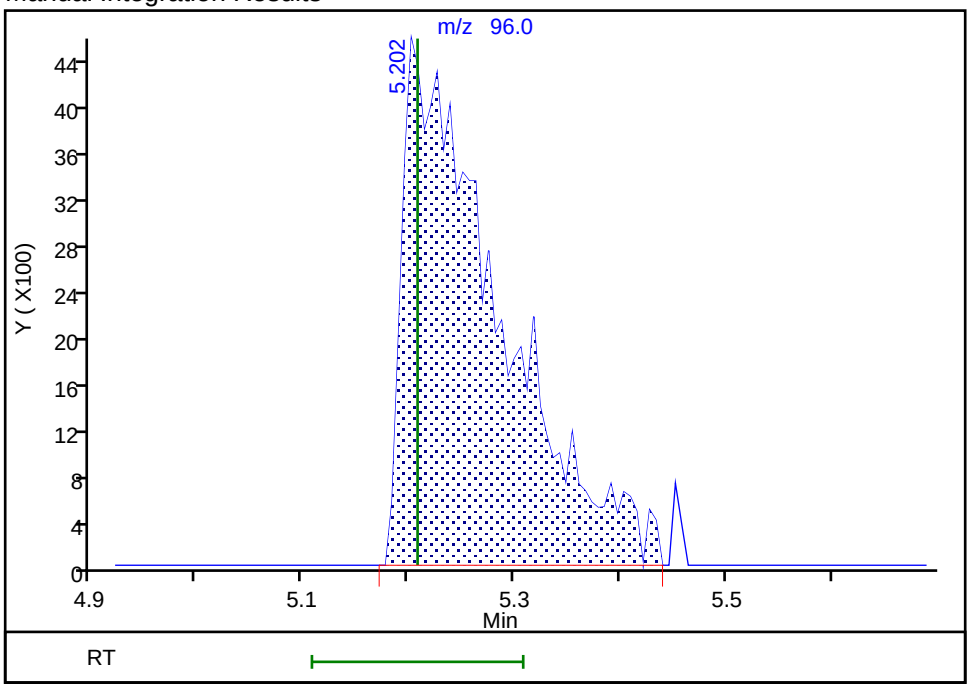
Not Detected
Expected RT: 5.21

Processing Integration Results



Manual Integration Results

RT: 5.20
Area: 28925
Amount: 1000.0000
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 16:19:32
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.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_22-24_20221012 | Lab Sample ID: 460-267360-5

Matrix: Solid | Lab File ID: B93133.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:35

Sample wt/vol: 4.84(g) | Date Analyzed: 10/17/2022 14:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.7 % Solids: 96.3 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0050		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0019		0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0016		0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00059

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93133.D
Lims ID: 460-267360-C-5-A
Client ID: L2-RI-SB-10B_22-24_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 14:50:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-5-A
Misc. Info.: 460-0151824-026
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:20:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.154	2.142	0.012	0	509168	1000.0	
* 40 2-Butanone-d5	46	3.093	3.081	0.013	0	479284	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.574	0.013	96	158426	56.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	191986	54.5	
* 60 Fluorobenzene	96	4.306	4.300	0.006	97	589868	50.0	
63 Trichloroethene	95	4.751	4.739	0.012	91	4153	1.51	
* 69 1,4-Dioxane-d8	96	5.208	5.208	0.000	0	32766	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	612298	48.8	
85 Tetrachloroethene	166	7.415	7.421	-0.006	86	4458	1.79	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	91	416862	50.0	
$ 103 4-Bromofluorobenzene	174	10.927	10.933	-0.006	85	154452	50.7	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.280	0.006	95	14090	4.70	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	97	208274	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

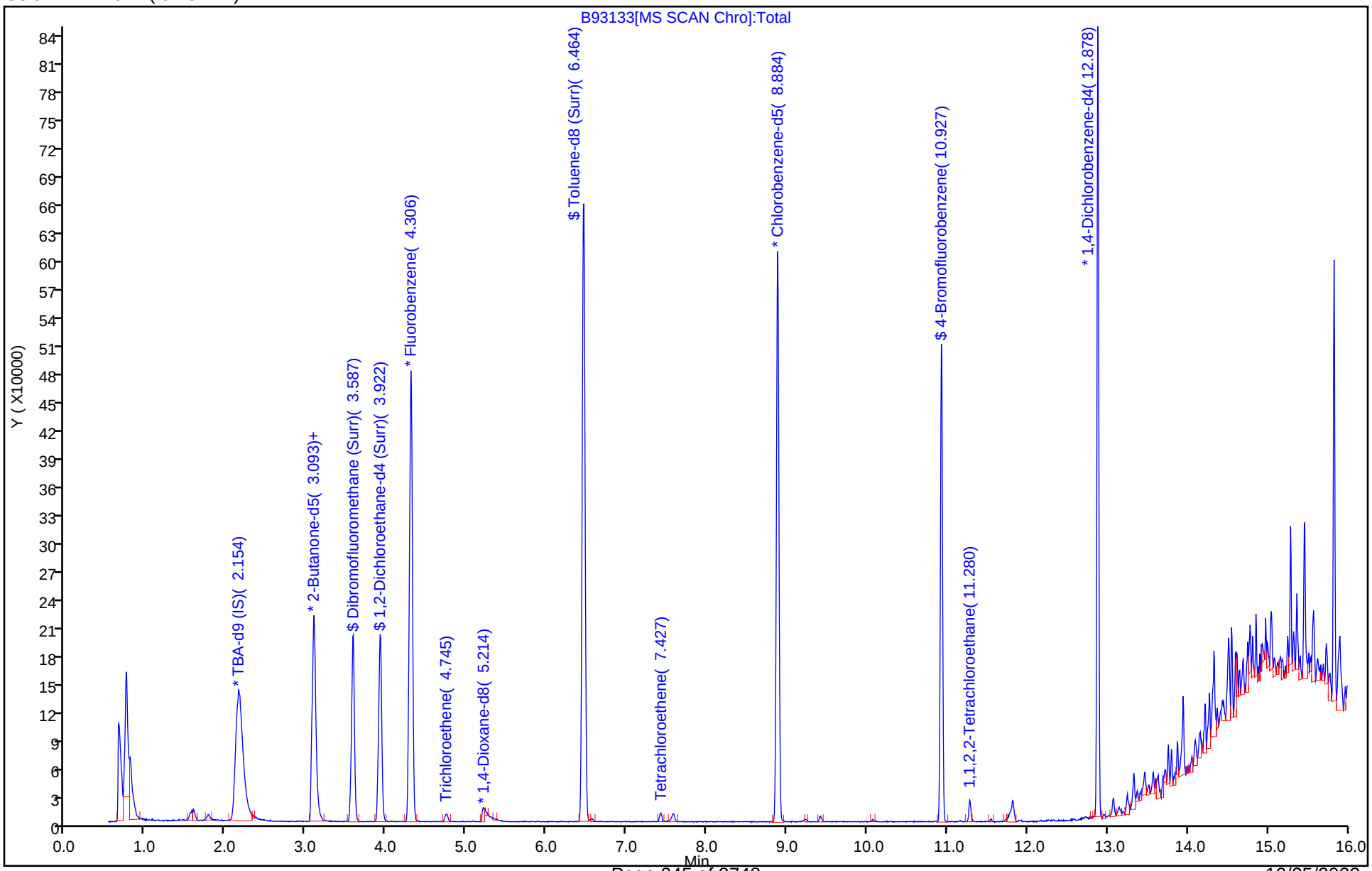
Report Date: 17-Oct-2022 16:20:01 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93133.D

Injection Date:	17-Oct-2022 14:50:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-5-A	Lab Sample ID:	460-267360-5	Worklist Smp#:	26
Client ID:	L2-RI-SB-10B_22-24_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93133.D
Lims ID: 460-267360-C-5-A
Client ID: L2-RI-SB-10B_22-24_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 14:50:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-5-A
Misc. Info.: 460-0151824-026
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

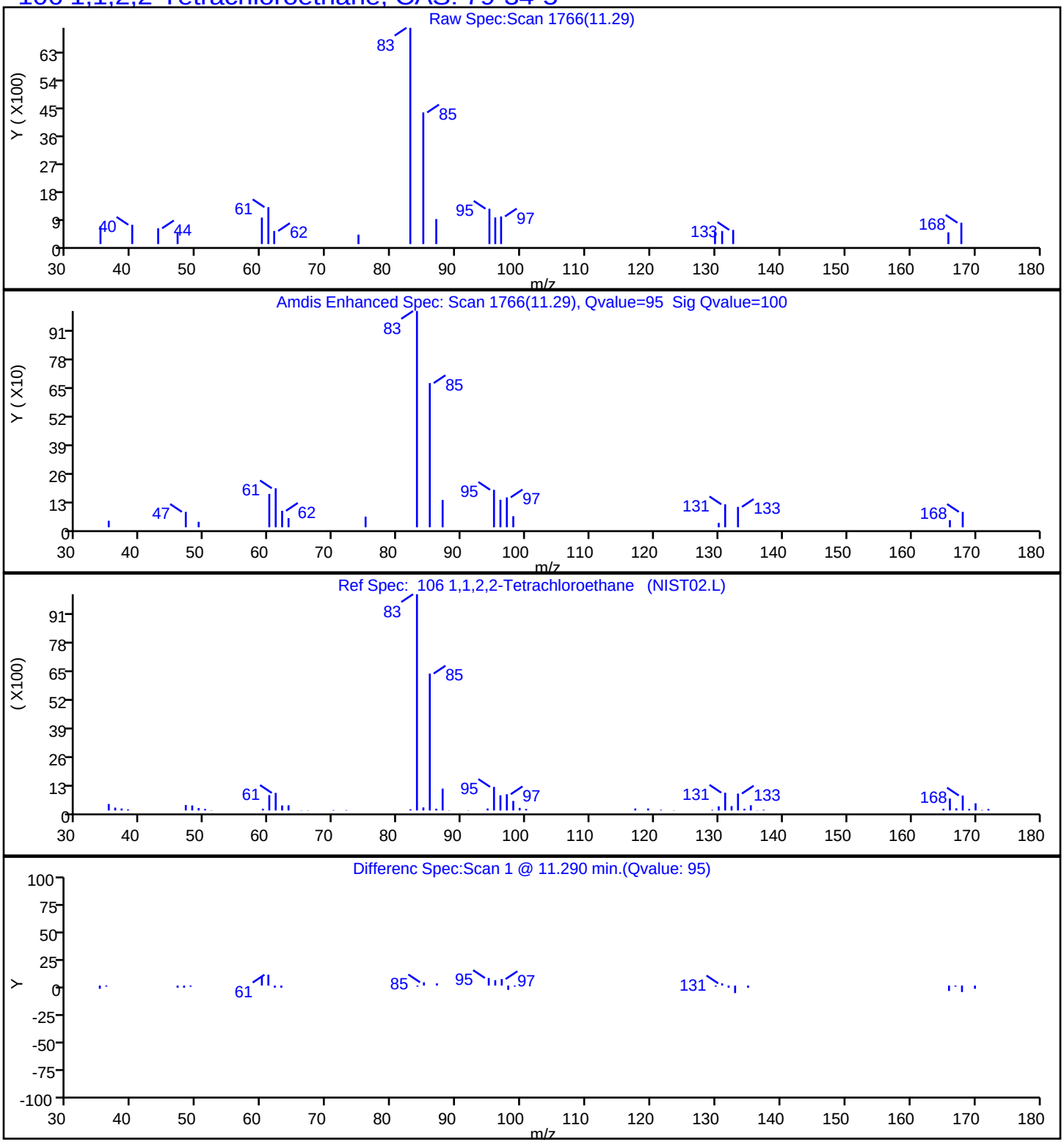
First Level Reviewer: C1JX Date: 17-Oct-2022 16:20:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	56.6	113.14
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.5	109.01
$ 79 Toluene-d8 (Surr)	50.0	48.8	97.68
$ 103 4-Bromofluorobenzene	50.0	50.7	101.40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93133.D				
Injection Date:	17-Oct-2022 14:50:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-5-A	Lab Sample ID:	460-267360-5		
Client ID:	L2-RI-SB-10B_22-24_20221012				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

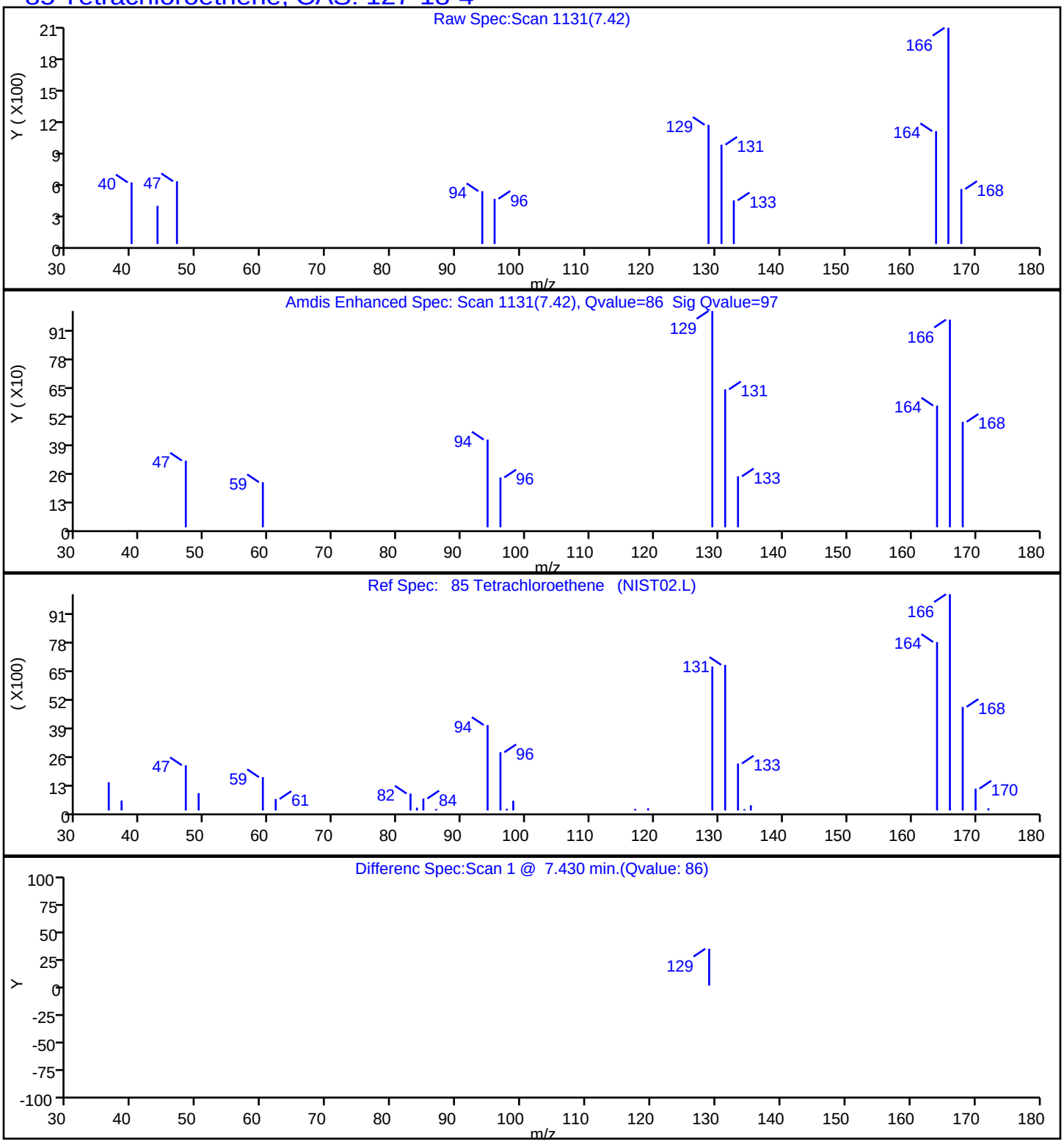
106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93133.D		
Injection Date:	17-Oct-2022 14:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-5-A	Lab Sample ID:	460-267360-5
Client ID:	L2-RI-SB-10B_22-24_20221012		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



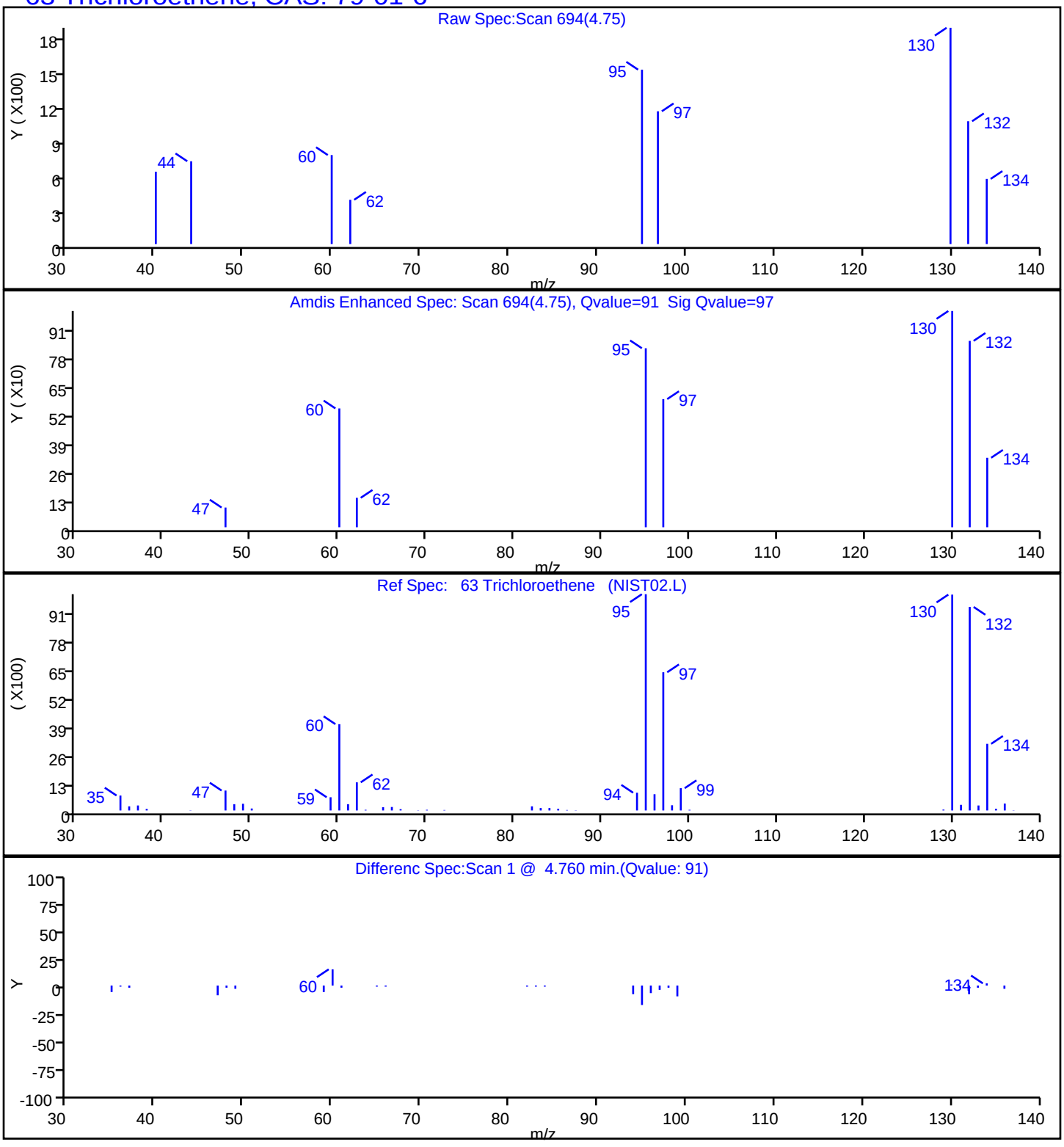
Report Date: 17-Oct-2022 16:20:01 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93133.D

Injection Date:	17-Oct-2022 14:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-5-A	Lab Sample ID:	460-267360-5
Client ID:	L2-RI-SB-10B_22-24_20221012		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_24-26_20221012 | Lab Sample ID: 460-267360-6

Matrix: Solid | Lab File ID: B93134.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:30

Sample wt/vol: 5.27(g) | Date Analyzed: 10/17/2022 15:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 11.1 % Solids: 88.9 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0017		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00027
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00041
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.00072	J	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028
79-01-6	Trichloroethene	0.0042		0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00058

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93134.D
Lims ID: 460-267360-C-6-A
Client ID: L2-RI-SB-10B_24-26_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 15:14:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-6-A
Misc. Info.: 460-0151824-027
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:20:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.154	2.142	0.012	0	423740	1000.0	
* 40 2-Butanone-d5	46	3.093	3.081	0.013	0	441446	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.580	3.574	0.006	96	169775	57.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	197328	52.8	
* 60 Fluorobenzene	96	4.306	4.300	0.006	97	626004	50.0	
63 Trichloroethene	95	4.751	4.739	0.012	94	11391	3.91	
* 69 1,4-Dioxane-d8	96	5.208	5.208	0.000	0	29015	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	679147	49.5	
85 Tetrachloroethene	166	7.421	7.421	0.000	88	1849	0.6792	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	91	456590	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	90	176020	48.1	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	96	5883	1.63	
* 117 1,4-Dichlorobenzene-d4	152	12.883	12.883	0.000	97	250255	50.0	

QC Flag Legend
Processing Flags

Reagents:
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8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

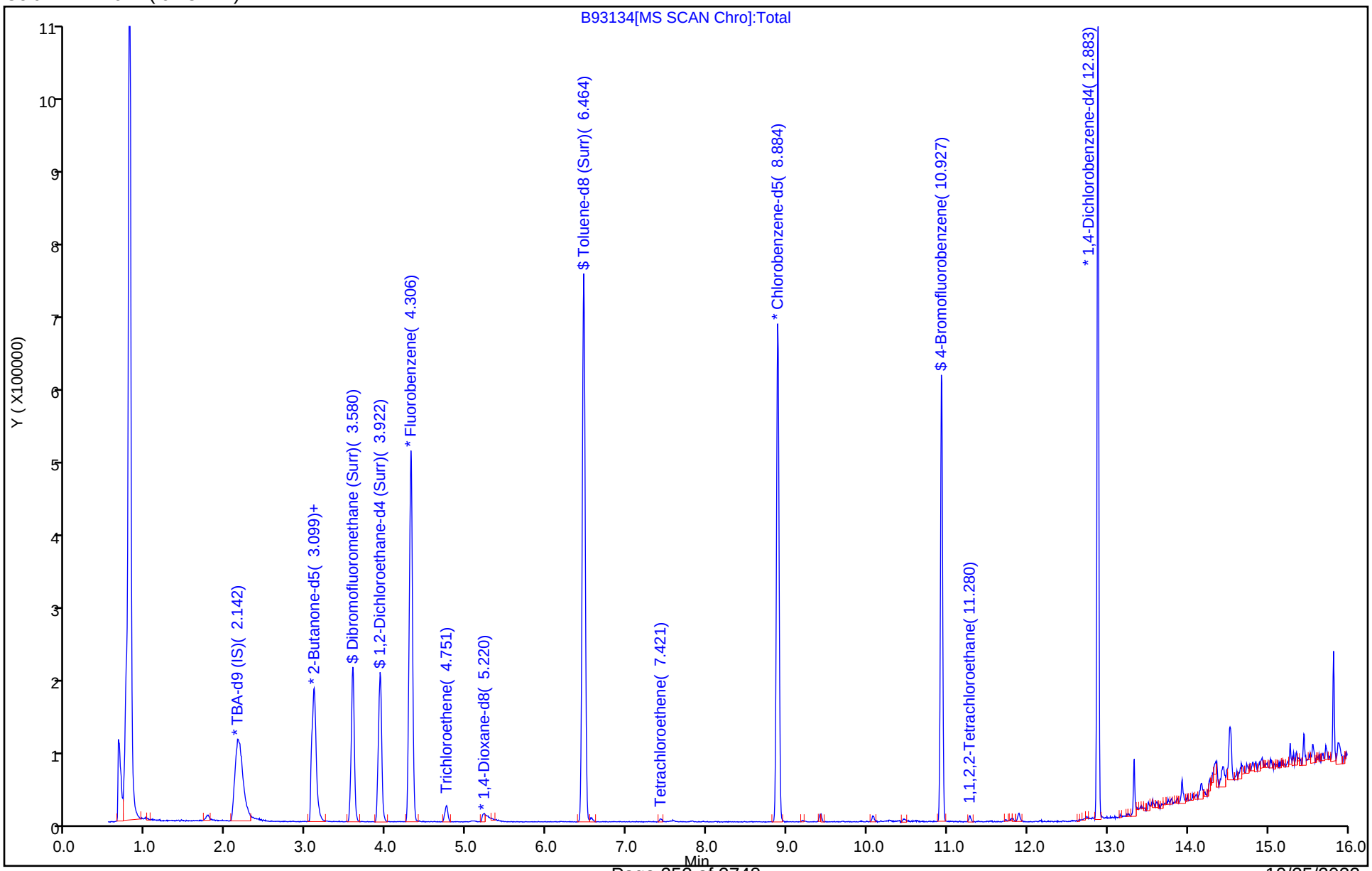
Report Date: 17-Oct-2022 16:20:20 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93134.D

Injection Date:	17-Oct-2022 15:14:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-6-A	Lab Sample ID:	460-267360-6	Worklist Smp#:	27
Client ID:	L2-RI-SB-10B_24-26_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93134.D
Lims ID: 460-267360-C-6-A
Client ID: L2-RI-SB-10B_24-26_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 15:14:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-6-A
Misc. Info.: 460-0151824-027
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

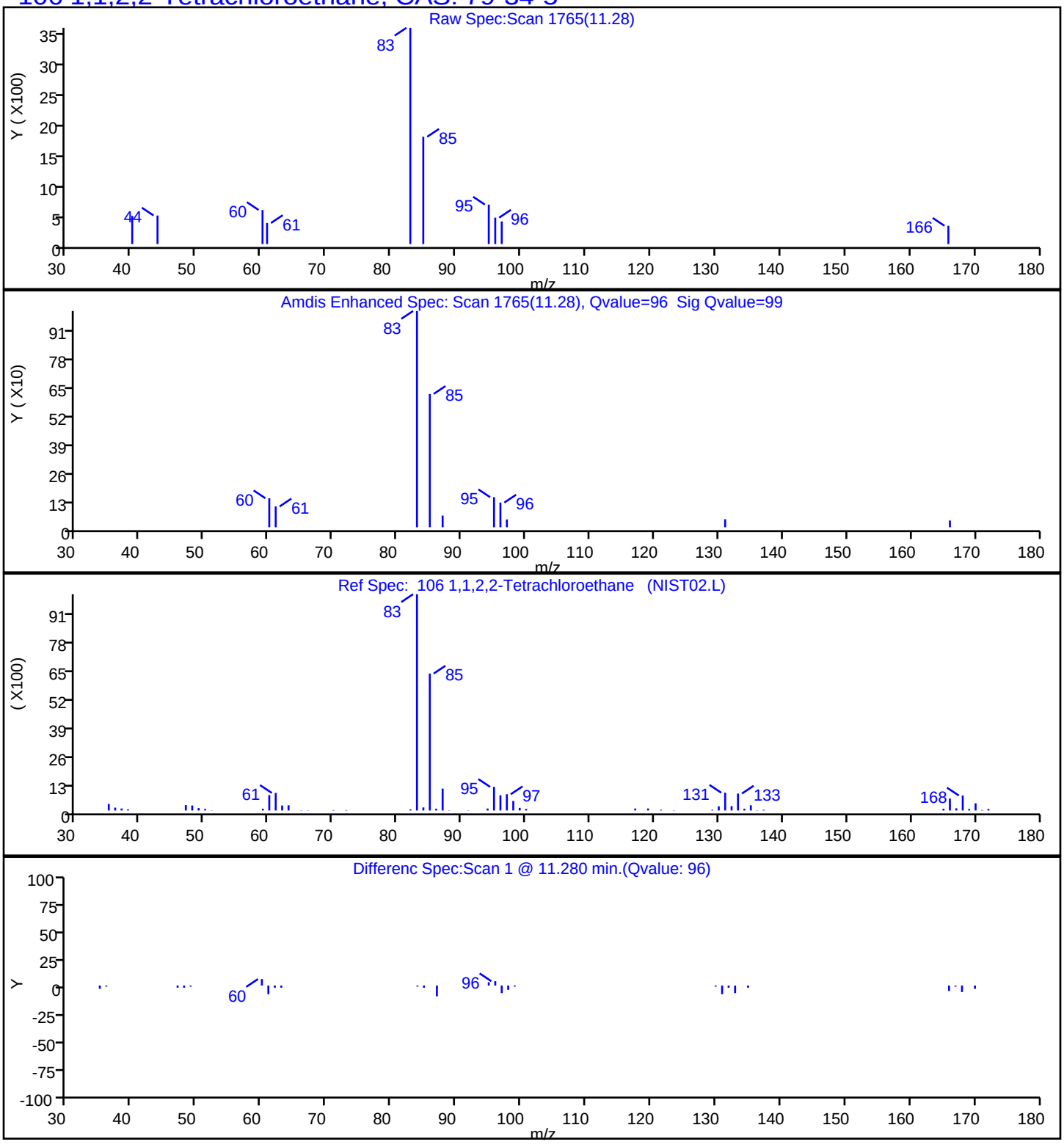
First Level Reviewer: C1JX Date: 17-Oct-2022 16:20:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	57.1	114.25
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.58
$ 79 Toluene-d8 (Surr)	50.0	49.5	98.92
$ 103 4-Bromofluorobenzene	50.0	48.1	96.18

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93134.D		
Injection Date:	17-Oct-2022 15:14:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-6-A	Lab Sample ID:	460-267360-6
Client ID:	L2-RI-SB-10B_24-26_20221012		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

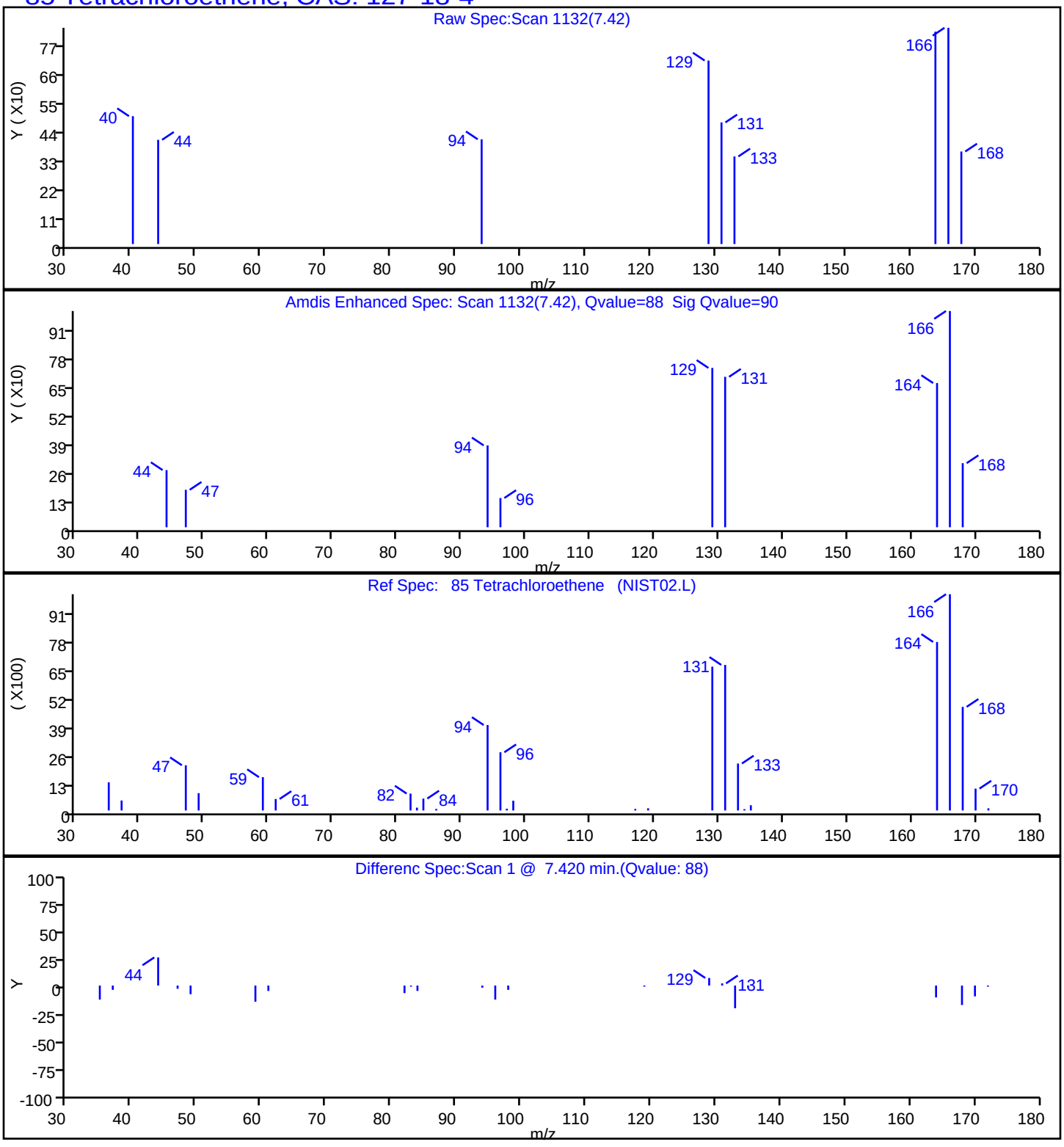
106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93134.D		
Injection Date:	17-Oct-2022 15:14:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-6-A	Lab Sample ID:	460-267360-6
Client ID:	L2-RI-SB-10B_24-26_20221012		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



Report Date: 17-Oct-2022 16:20:20 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93134.D

Injection Date: 17-Oct-2022 15:14:30 Instrument ID: CVOAMS2

Lims ID: 460-267360-C-6-A Lab Sample ID: 460-267360-6

Client ID: L2-RI-SB-10B_24-26_20221012

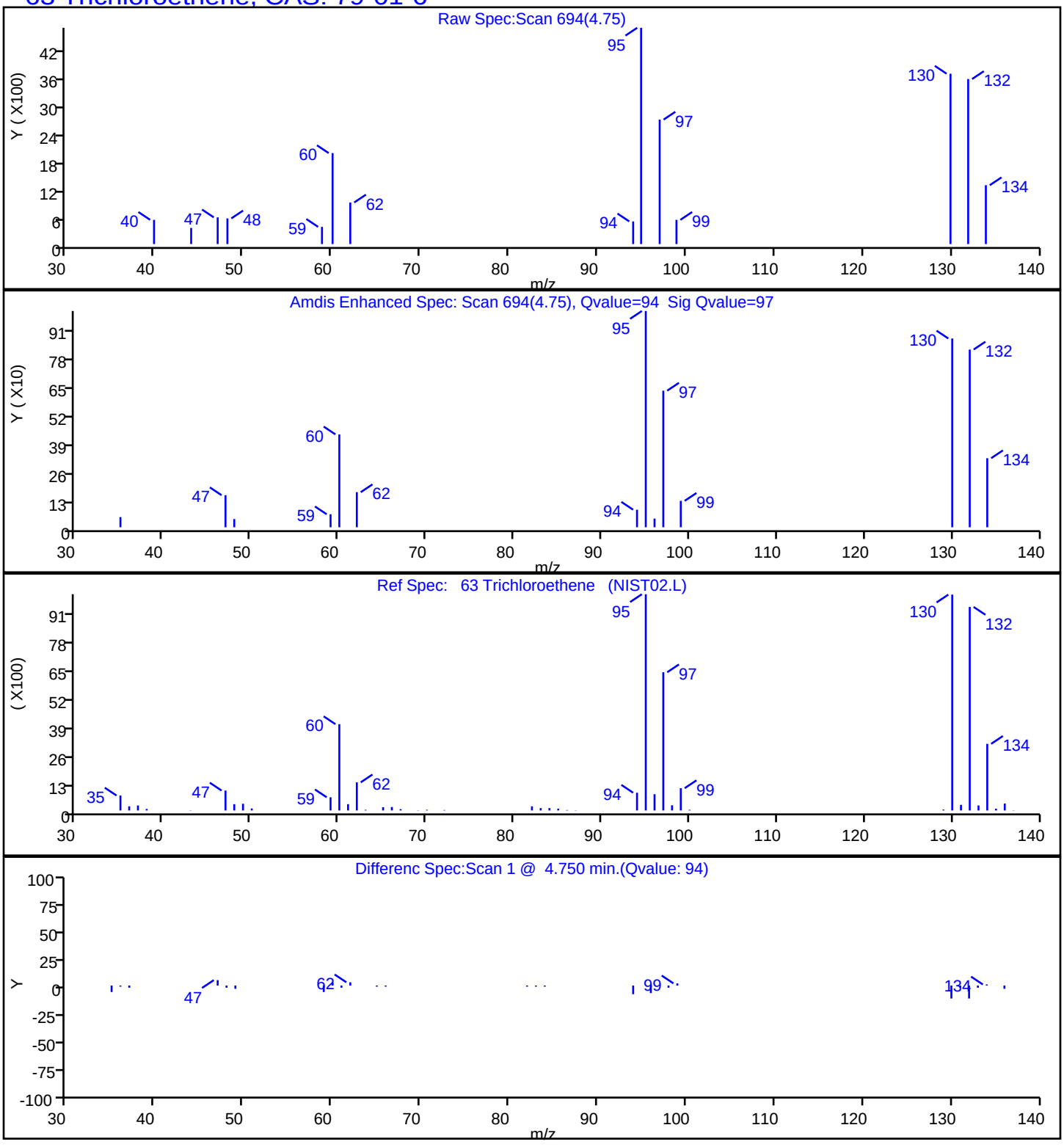
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_26-28_20221012 | Lab Sample ID: 460-267360-7

Matrix: Solid | Lab File ID: B93135.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:35

Sample wt/vol: 4.39(g) | Date Analyzed: 10/17/2022 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.1 % Solids: 97.9 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00026
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00034
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00049
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00045
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00061
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00052	J	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.030		0.0012	0.00037
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		72-145
460-00-4	Bromofluorobenzene	80		75-139
1868-53-7	Dibromofluoromethane (Surr)	93		73-139
2037-26-5	Toluene-d8 (Surr)	82		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93135.D
Lims ID: 460-267360-C-7-A
Client ID: L2-RI-SB-10B_26-28_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 15:39:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-7-A
Misc. Info.: 460-0151824-028
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:20:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.142	2.142	0.000	0	452038	1000.0	
* 40 2-Butanone-d5	46	3.087	3.081	0.007	0	466796	250.0	
41 cis-1,2-Dichloroethene	96	3.093	3.093	0.000	27	1462	0.4449	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.574	0.007	96	139172	46.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.910	0.006	0	172873	46.1	
* 60 Fluorobenzene	96	4.300	4.300	0.000	97	627982	50.0	
63 Trichloroethene	95	4.745	4.739	0.006	96	75788	25.9	
* 69 1,4-Dioxane-d8	96	5.215	5.208	0.006	0	32050	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.458	6.458	0.000	98	576715	41.2	
* 91 Chlorobenzene-d5	117	8.885	8.884	0.001	90	465002	50.0	
$ 103 4-Bromofluorobenzene	174	10.927	10.933	-0.006	85	149307	40.2	
* 117 1,4-Dichlorobenzene-d4	152	12.878	12.883	-0.005	98	253746	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

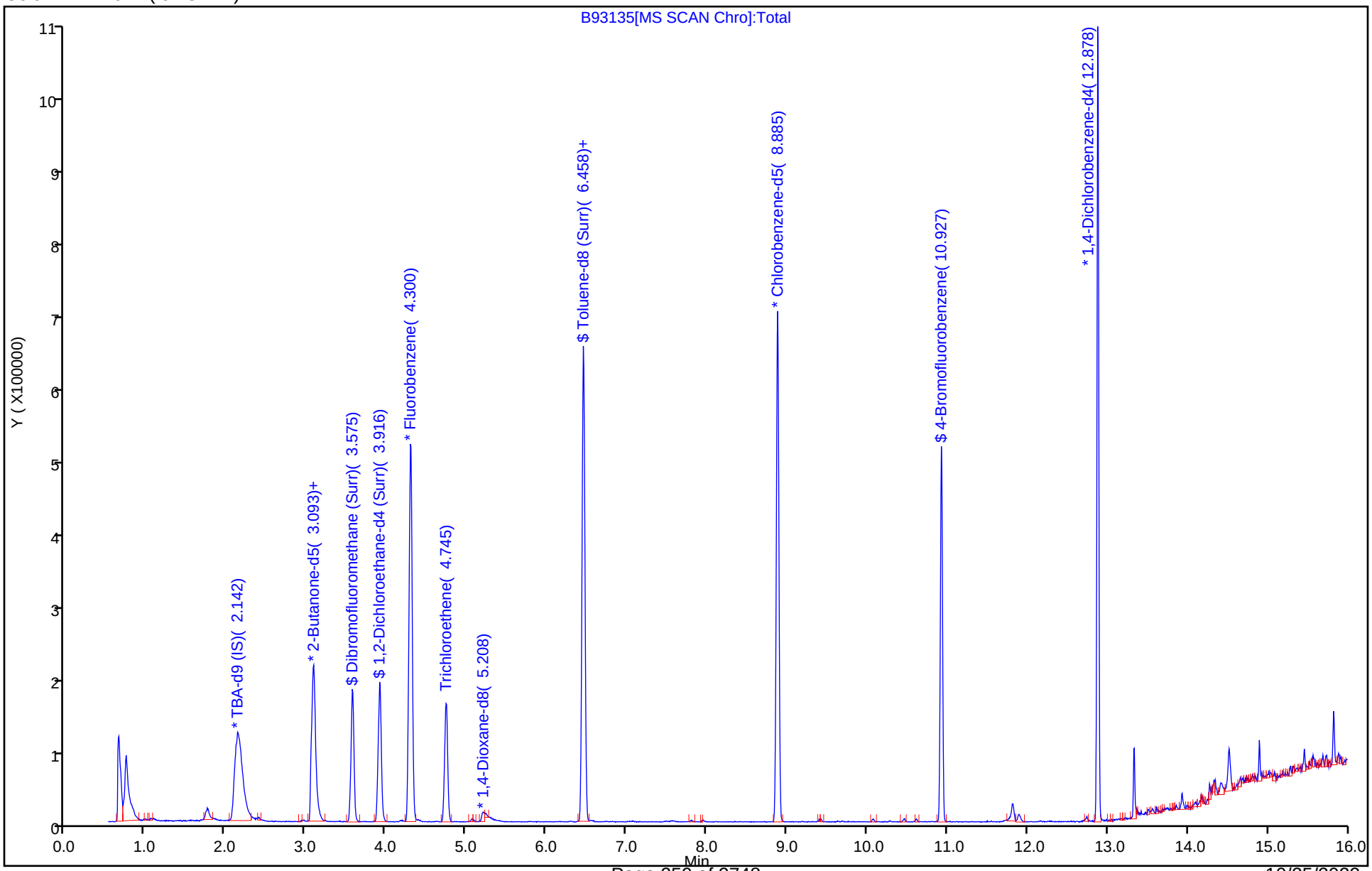
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93135.D

Injection Date:	17-Oct-2022 15:39:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-7-A	Lab Sample ID:	460-267360-7	Worklist Smp#:	28
Client ID:	L2-RI-SB-10B_26-28_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93135.D
Lims ID: 460-267360-C-7-A
Client ID: L2-RI-SB-10B_26-28_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 15:39:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-7-A
Misc. Info.: 460-0151824-028
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 16:19:43 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

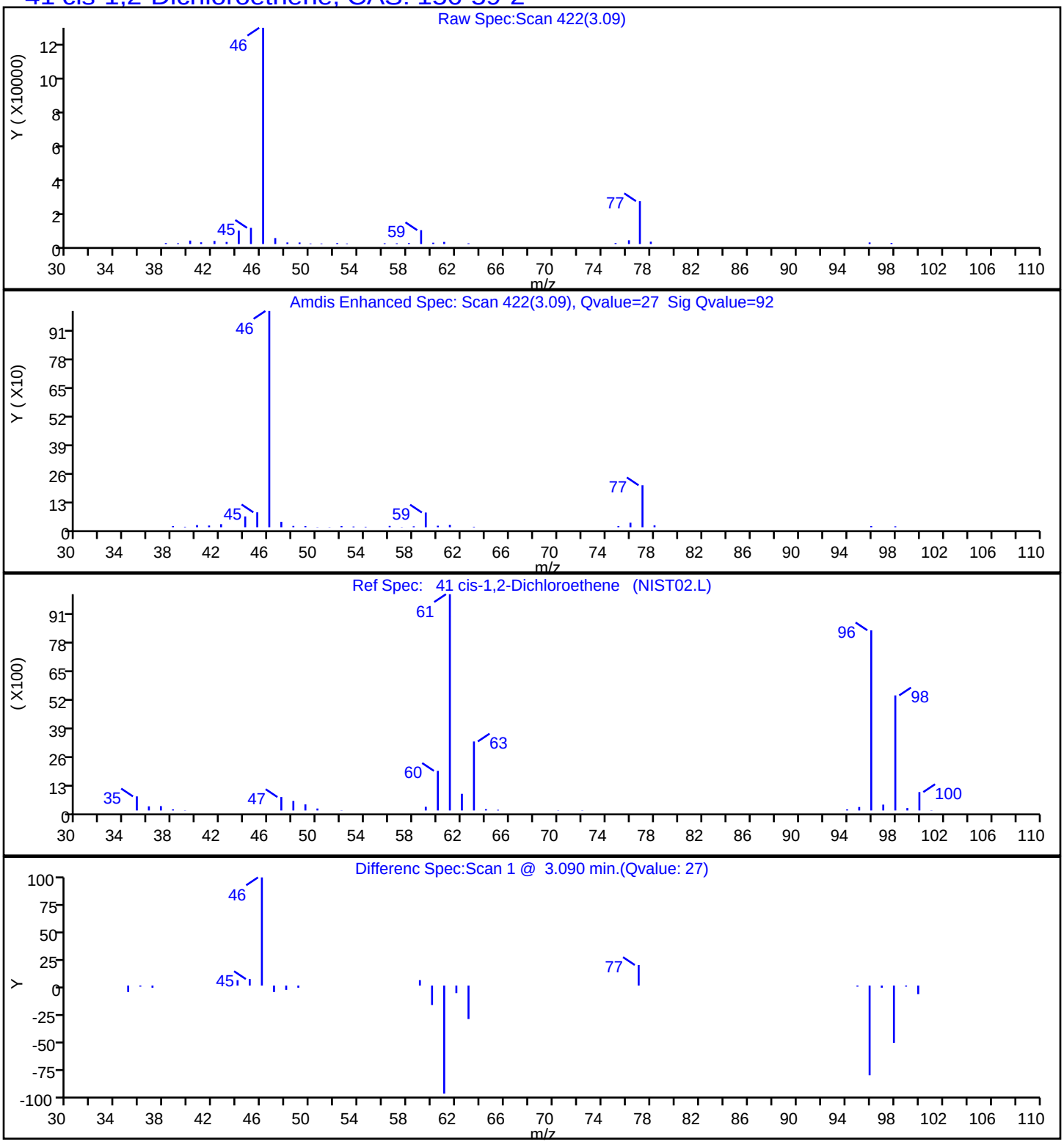
First Level Reviewer: C1JX Date: 17-Oct-2022 16:20:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	46.7	93.36
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	46.1	92.20
$ 79 Toluene-d8 (Surr)	50.0	41.2	82.48
$ 103 4-Bromofluorobenzene	50.0	40.2	80.46

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93135.D				
Injection Date:	17-Oct-2022 15:39:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-7-A	Lab Sample ID:	460-267360-7		
Client ID:	L2-RI-SB-10B_26-28_20221012				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

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



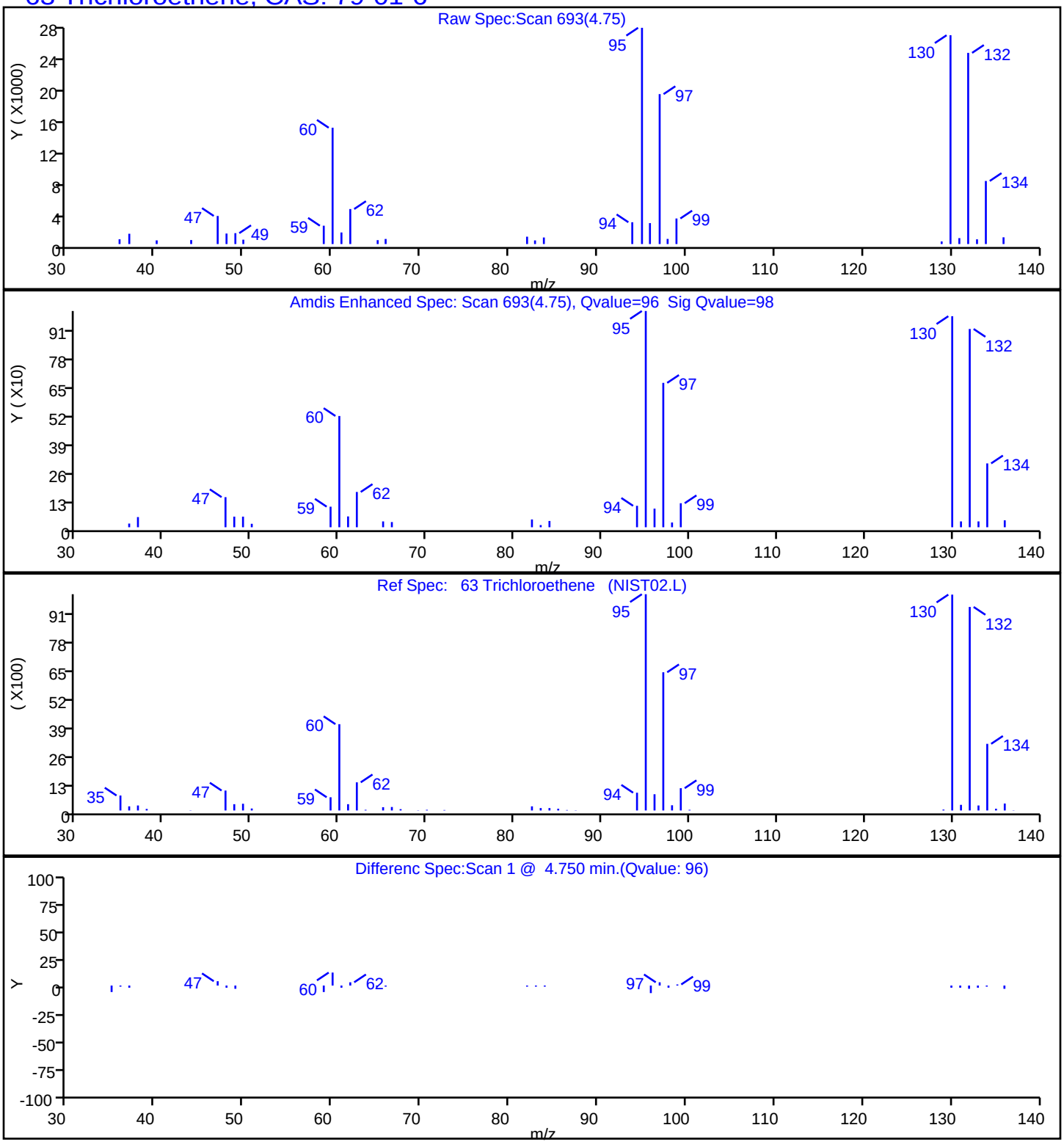
Report Date: 17-Oct-2022 16:20:38 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93135.D

Injection Date:	17-Oct-2022 15:39:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-7-A	Lab Sample ID:	460-267360-7		
Client ID:	L2-RI-SB-10B_26-28_20221012				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_28-30_20221012 | Lab Sample ID: 460-267360-8

Matrix: Solid | Lab File ID: B93136.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:40

Sample wt/vol: 4.28(g) | Date Analyzed: 10/17/2022 16:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.0 % Solids: 96.0 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	118		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93136.D
Lims ID: 460-267360-C-8-A
Client ID: L2-RI-SB-10B_28-30_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 16:03:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-8-A
Misc. Info.: 460-0151824-029
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:21:16 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:22:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.166	2.142	0.024	0	424905	1000.0	
* 40 2-Butanone-d5	46	3.105	3.081	0.025	0	467141	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.574	0.013	96	176688	58.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.910	0.018	0	213976	56.6	
* 60 Fluorobenzene	96	4.312	4.300	0.012	97	632686	50.0	
* 69 1,4-Dioxane-d8	96	5.220	5.208	0.012	0	28825	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	728046	50.6	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	478320	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	90	191320	49.8	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	98	262813	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

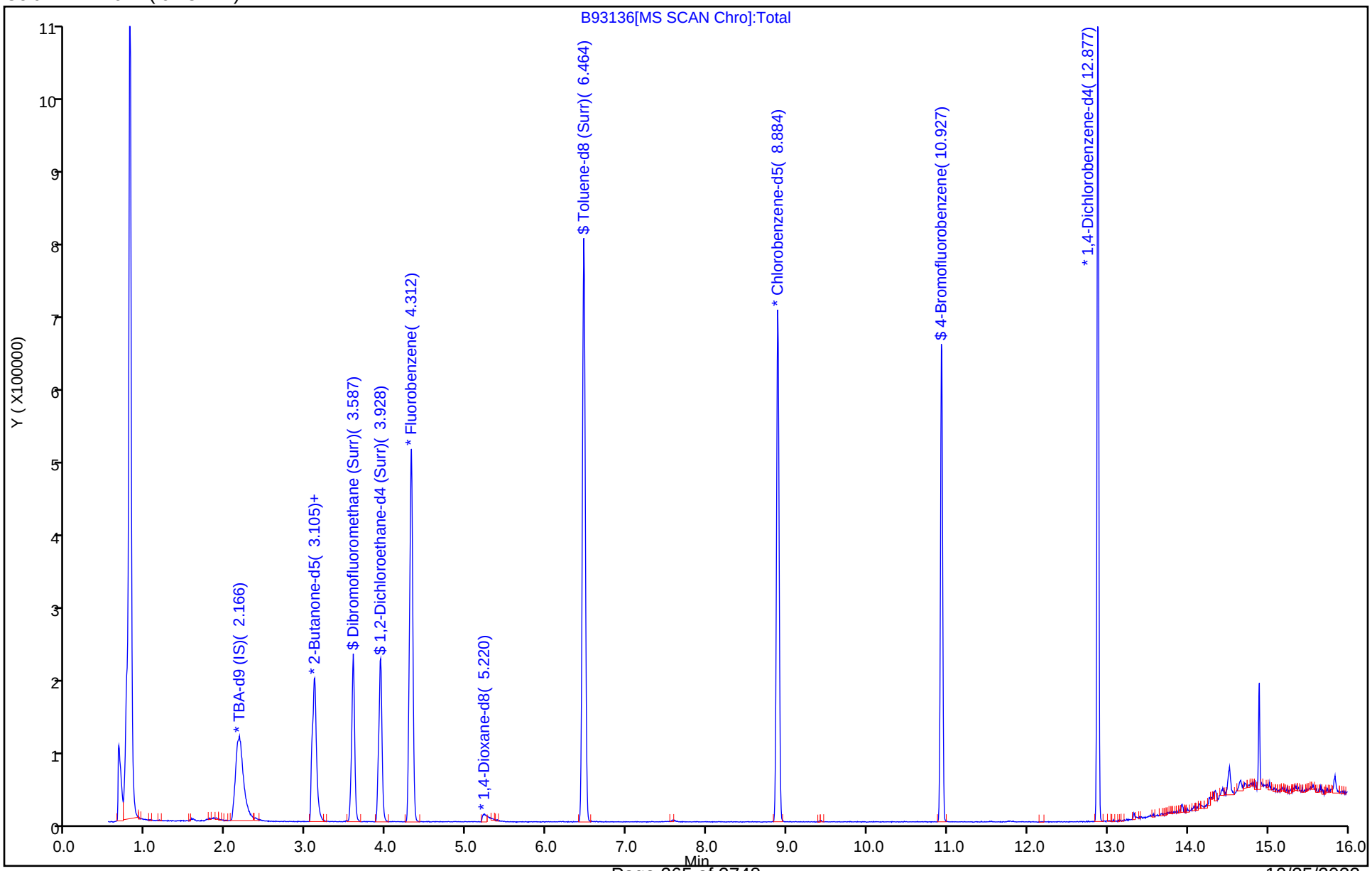
Report Date: 17-Oct-2022 16:22:48 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93136.D

Injection Date:	17-Oct-2022 16:03:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-8-A	Lab Sample ID:	460-267360-8	Worklist Smp#:	29
Client ID:	L2-RI-SB-10B_28-30_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93136.D
Lims ID: 460-267360-C-8-A
Client ID: L2-RI-SB-10B_28-30_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 16:03:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-8-A
Misc. Info.: 460-0151824-029
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:21:16 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 16:22:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	58.8	117.64
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	56.6	113.28
$ 79 Toluene-d8 (Surr)	50.0	50.6	101.22
$ 103 4-Bromofluorobenzene	50.0	49.8	99.54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_30-32_20221012 | Lab Sample ID: 460-267360-9

Matrix: Solid | Lab File ID: B93137.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:45

Sample wt/vol: 4.59(g) | Date Analyzed: 10/17/2022 16:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.0 % Solids: 96.0 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00059
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00049
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00022
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.0012		0.0011	0.00036
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93137.D
Lims ID: 460-267360-C-9-A
Client ID: L2-RI-SB-10B_30-32_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 16:28:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-9-A
Misc. Info.: 460-0151824-030
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:02:21 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 17:02:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.160	2.142	0.018	0	456480	1000.0	
* 40 2-Butanone-d5	46	3.099	3.081	0.019	0	462979	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.574	0.013	96	174781	56.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	206889	53.0	
* 60 Fluorobenzene	96	4.312	4.300	0.012	97	653464	50.0	
63 Trichloroethene	95	4.757	4.739	0.018	91	3265	1.07	
* 69 1,4-Dioxane-d8	96	5.226	5.208	0.018	0	27090	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	697976	48.3	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	480267	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	86	181286	47.8	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	98	259092	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

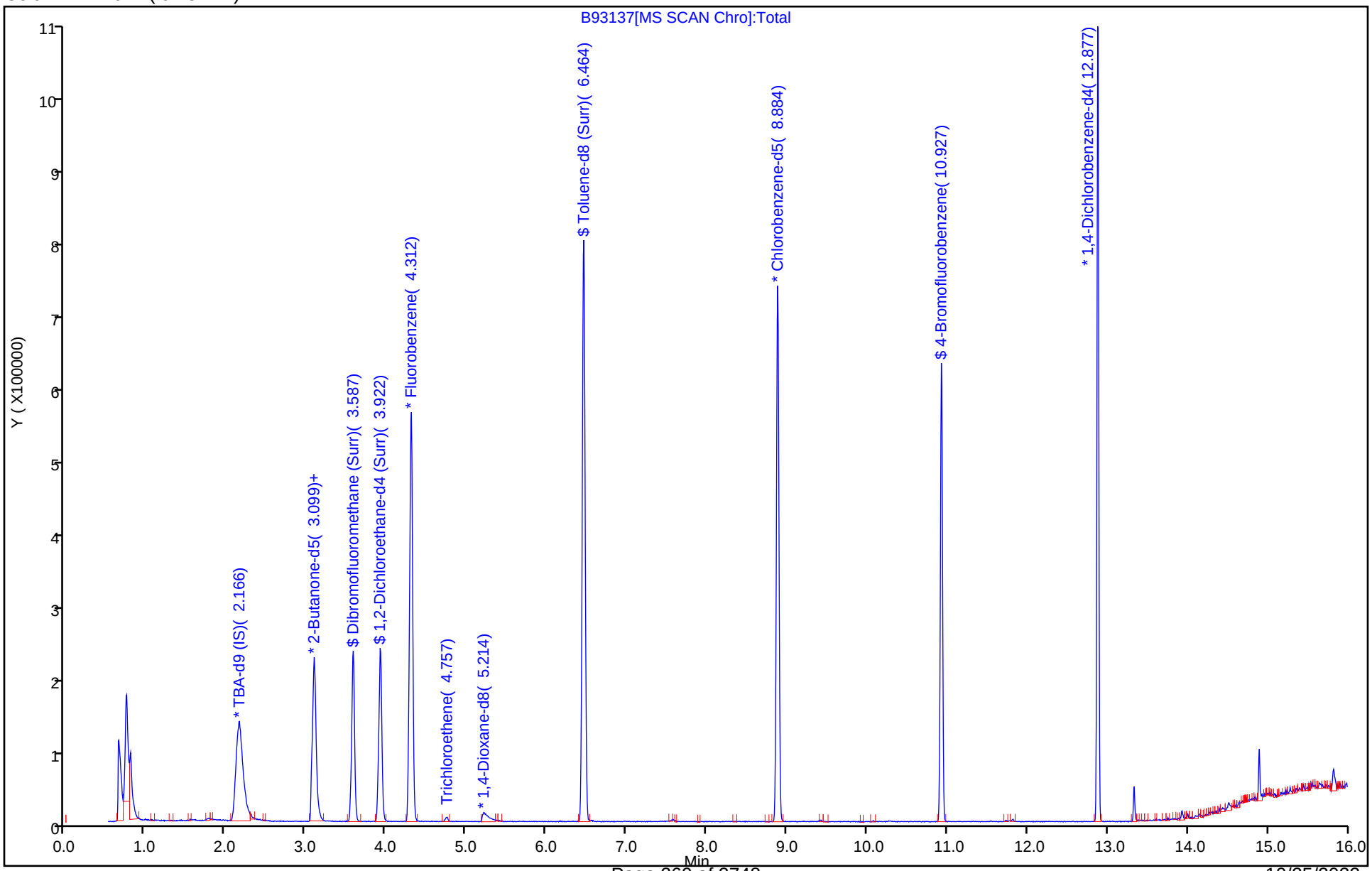
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93137.D

Injection Date:	17-Oct-2022 16:28:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-9-A	Lab Sample ID:	460-267360-9	Worklist Smp#:	30
Client ID:	L2-RI-SB-10B_30-32_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93137.D
Lims ID: 460-267360-C-9-A
Client ID: L2-RI-SB-10B_30-32_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 16:28:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-9-A
Misc. Info.: 460-0151824-030
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:02:21 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

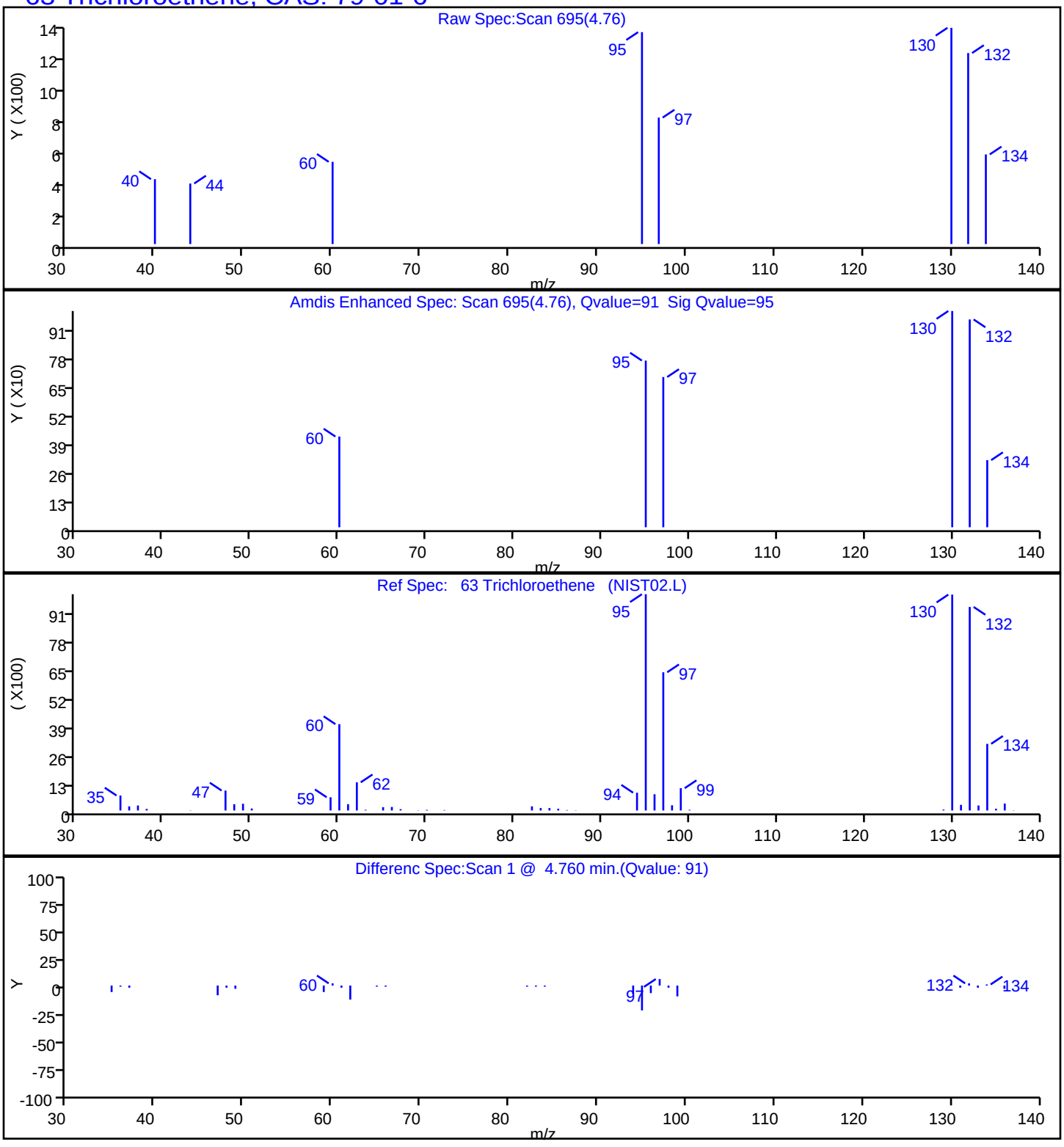
First Level Reviewer: C1JX Date: 17-Oct-2022 17:02:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	56.3	112.67
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	53.0	106.04
$ 79 Toluene-d8 (Surr)	50.0	48.3	96.65
$ 103 4-Bromofluorobenzene	50.0	47.8	95.68

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93137.D		
Injection Date:	17-Oct-2022 16:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-9-A	Lab Sample ID:	460-267360-9
Client ID:	L2-RI-SB-10B_30-32_20221012		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

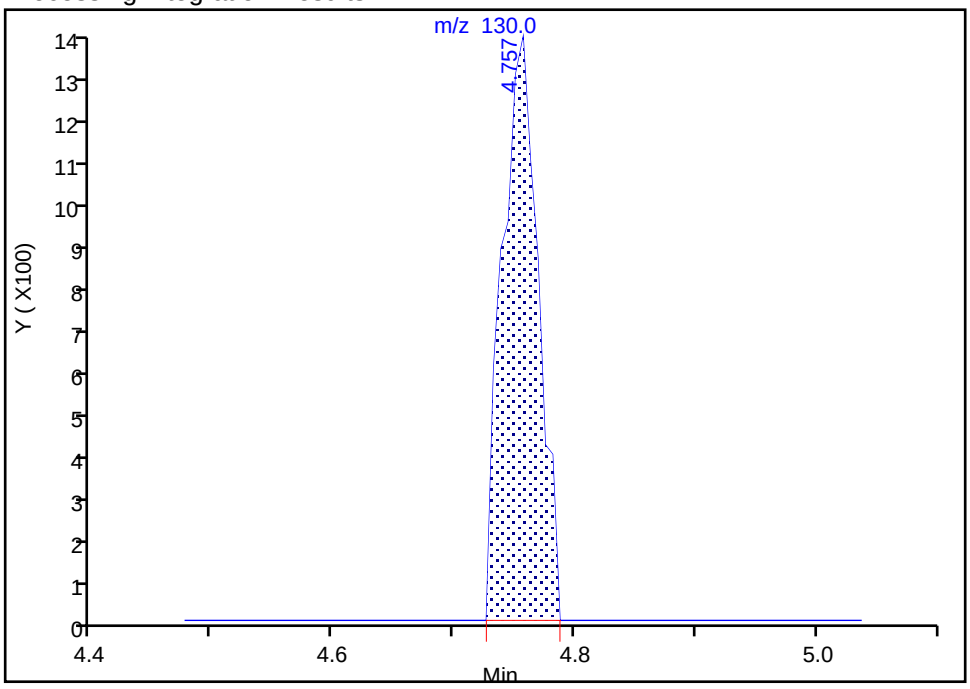
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Lims ID:	460-267360-C-9-A	Lab Sample ID:	460-267360-9		
Client ID:	L2-RI-SB-10B_30-32_20221012				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 Trichloroethene, CAS: 79-01-6

Signal: 2

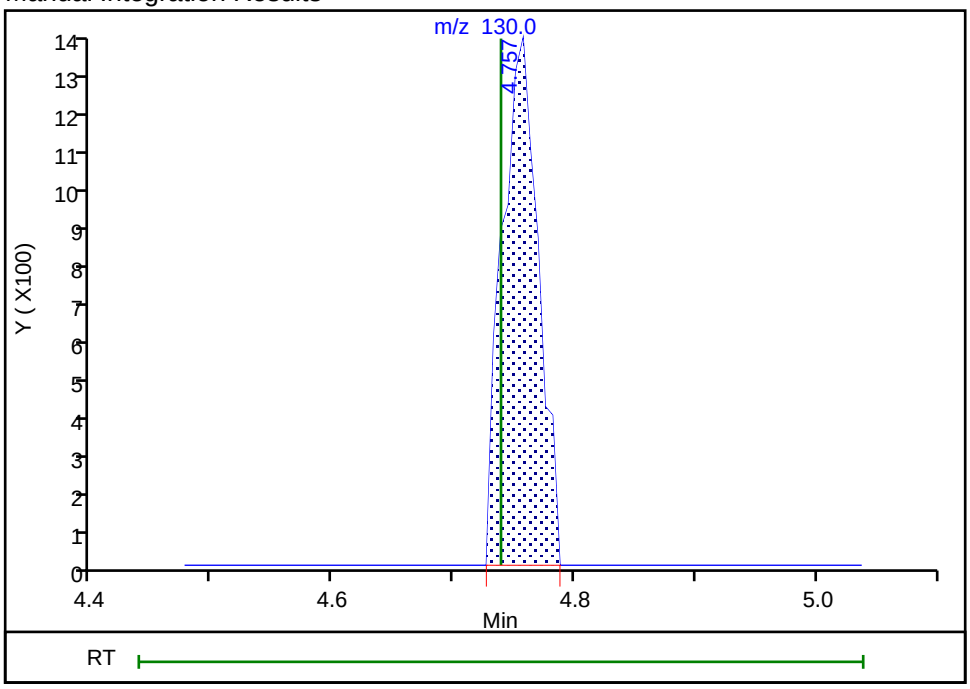
Processing Integration Results

RT: 4.76
Area: 2905
Amount: 1.073691
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 2905
Amount: 1.073691
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 17:02:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

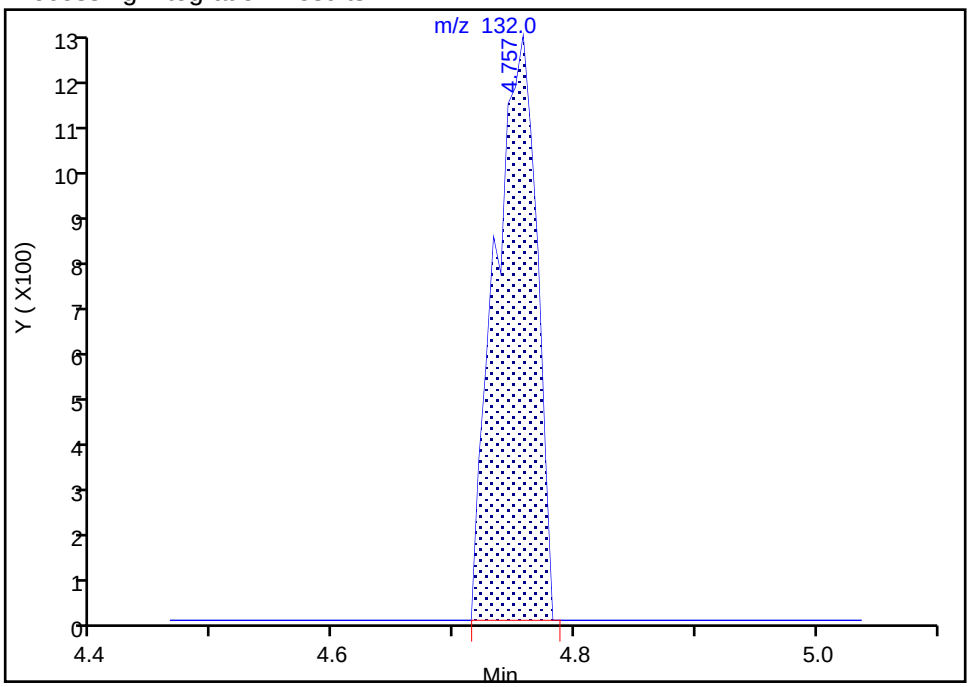
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Injection Date:	17-Oct-2022 16:28:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-9-A	Lab Sample ID:	460-267360-9		
Client ID:	L2-RI-SB-10B_30-32_20221012				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 Trichloroethene, CAS: 79-01-6

Signal: 3

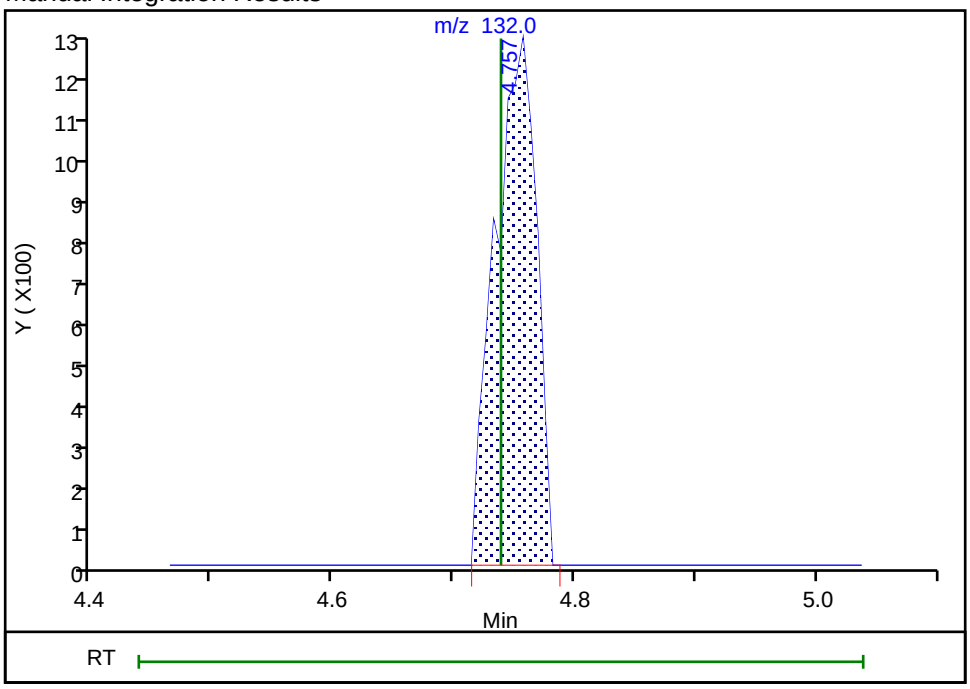
Processing Integration Results

RT: 4.76
Area: 2938
Amount: 1.073691
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 2938
Amount: 1.073691
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 17:02:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_32-34_20221012 | Lab Sample ID: 460-267360-10

Matrix: Solid | Lab File ID: B93154.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:50

Sample wt/vol: 4.26(g) | Date Analyzed: 10/18/2022 00:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.0013	U	0.0013	0.00029
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00038
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00054
75-27-4	Bromodichloromethane	0.0013	U	0.0013	0.00033
56-23-5	Carbon tetrachloride	0.0013	U	0.0013	0.00049
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00023
75-00-3	Chloroethane	0.0013	U	0.0013	0.00067
67-66-3	Chloroform	0.0013	U	0.0013	0.0012
74-87-3	Chloromethane	0.0013	U	0.0013	0.00056
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
124-48-1	Dibromochloromethane	0.0013	U	0.0013	0.00025
75-09-2	Methylene Chloride	0.0026	U	0.0026	0.0015
127-18-4	Tetrachloroethene	0.0013	U	0.0013	0.00039
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034
79-01-6	Trichloroethene	0.0013	U	0.0013	0.00041
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		72-145
460-00-4	Bromofluorobenzene	111		75-139
1868-53-7	Dibromofluoromethane (Surr)	128		73-139
2037-26-5	Toluene-d8 (Surr)	110		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93154.D
Lims ID: 460-267360-D-10-A
Client ID: L2-RI-SB-10B_32-34_20221012
Sample Type: Client
Inject. Date: 18-Oct-2022 00:07:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-10-A
Misc. Info.: 460-0151860-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 05:22:09 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 18-Oct-2022 05:22:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.166	2.160	0.006	0	440450	1000.0	
* 40 2-Butanone-d5	46	3.099	3.099	0.000	0	470264	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.581	0.006	96	210689	63.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.922	0.006	0	250030	60.2	
* 60 Fluorobenzene	96	4.312	4.312	0.000	97	695684	50.0	
* 69 1,4-Dioxane-d8	96	5.208	5.227	-0.019	0	31062	1000.0	a
$ 79 Toluene-d8 (Surr)	98	6.470	6.464	0.006	98	910434	55.1	
* 91 Chlorobenzene-d5	117	8.891	8.884	0.007	90	549221	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	86	251950	55.3	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.878	0.006	97	311290	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

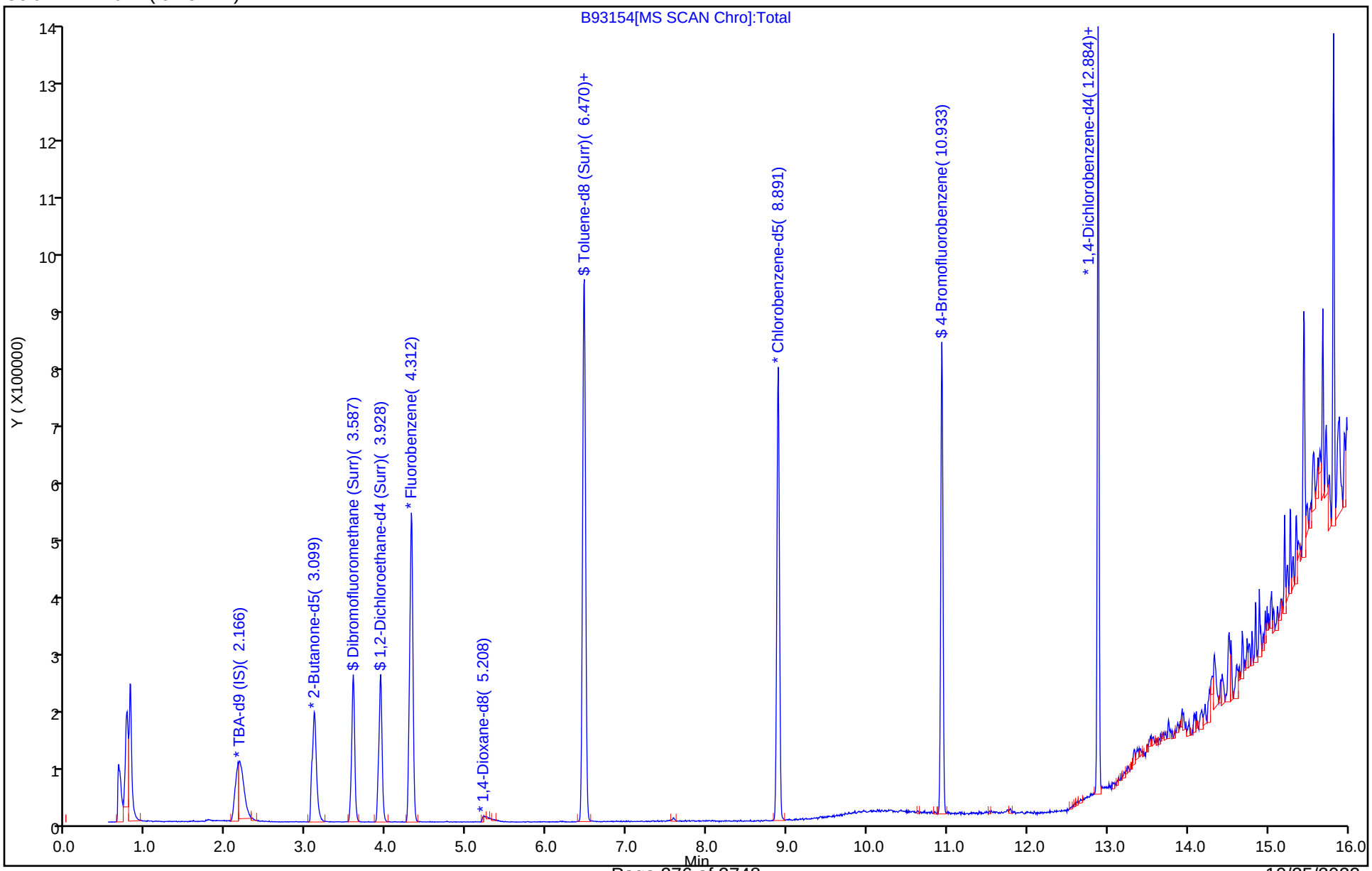
Report Date: 18-Oct-2022 05:22:09 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93154.D

Injection Date:	18-Oct-2022 00:07:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-D-10-A	Lab Sample ID:	460-267360-10	Worklist Smp#:	16
Client ID:	L2-RI-SB-10B_32-34_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93154.D
Lims ID: 460-267360-D-10-A
Client ID: L2-RI-SB-10B_32-34_20221012
Sample Type: Client
Inject. Date: 18-Oct-2022 00:07:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-10-A
Misc. Info.: 460-0151860-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 05:22:09 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 18-Oct-2022 05:22:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	63.8	127.58
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	60.2	120.38
$ 79 Toluene-d8 (Surr)	50.0	55.1	110.24
$ 103 4-Bromofluorobenzene	50.0	55.3	110.67

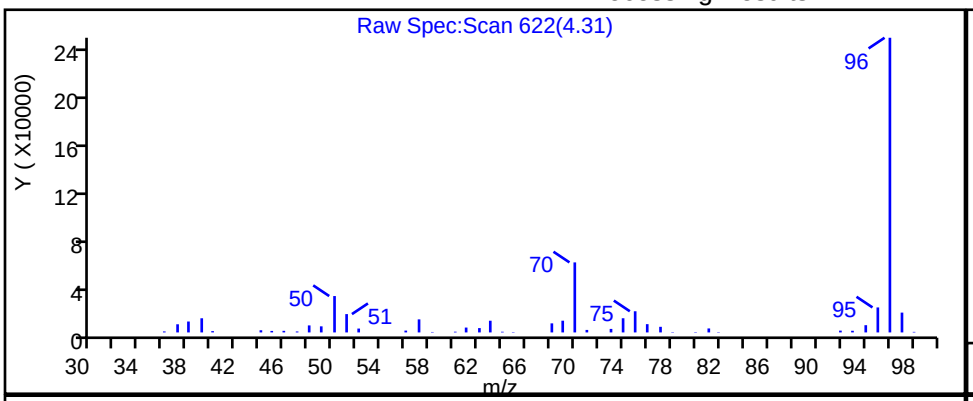
User Disabled Compound Report

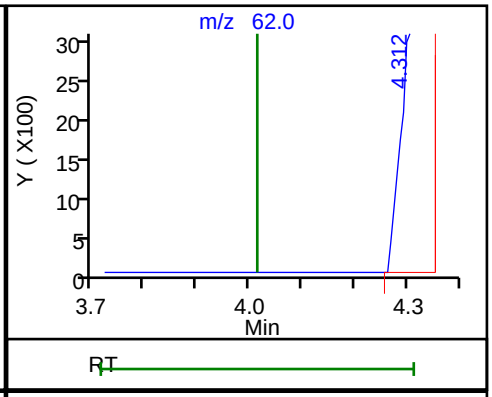
Eurofins Edison

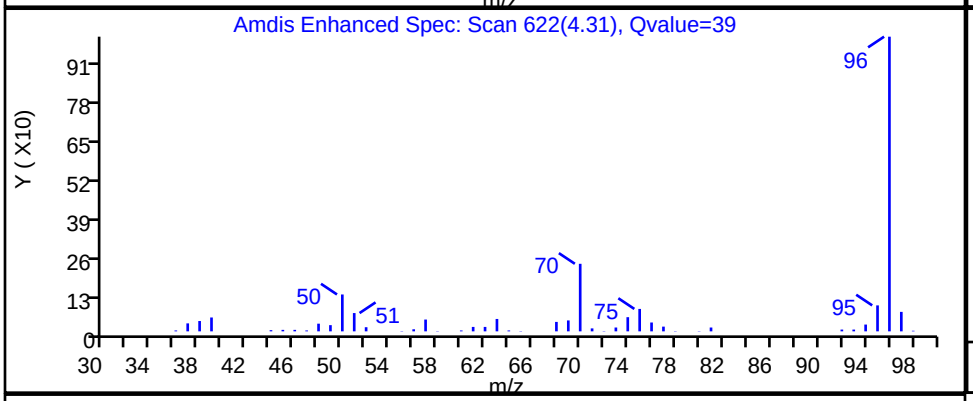
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Injection Date:	18-Oct-2022 00:07:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-D-10-A	Lab Sample ID:	460-267360-10		
Client ID:	L2-RI-SB-10B_32-34_20221012				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

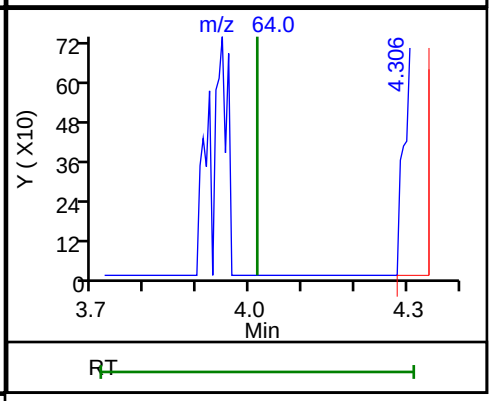
57 1,2-Dichloroethane, CAS: 107-06-2

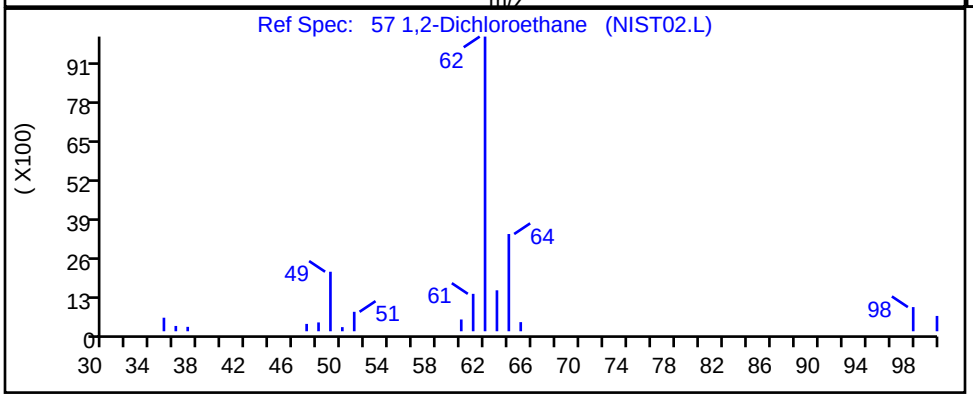
Processing Results











RT	Mass	Response	Amount
4.31	62.00	10049	2.180757
4.31	64.00	1453	

Reviewer: N1JZ, 18-Oct-2022 05:22:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

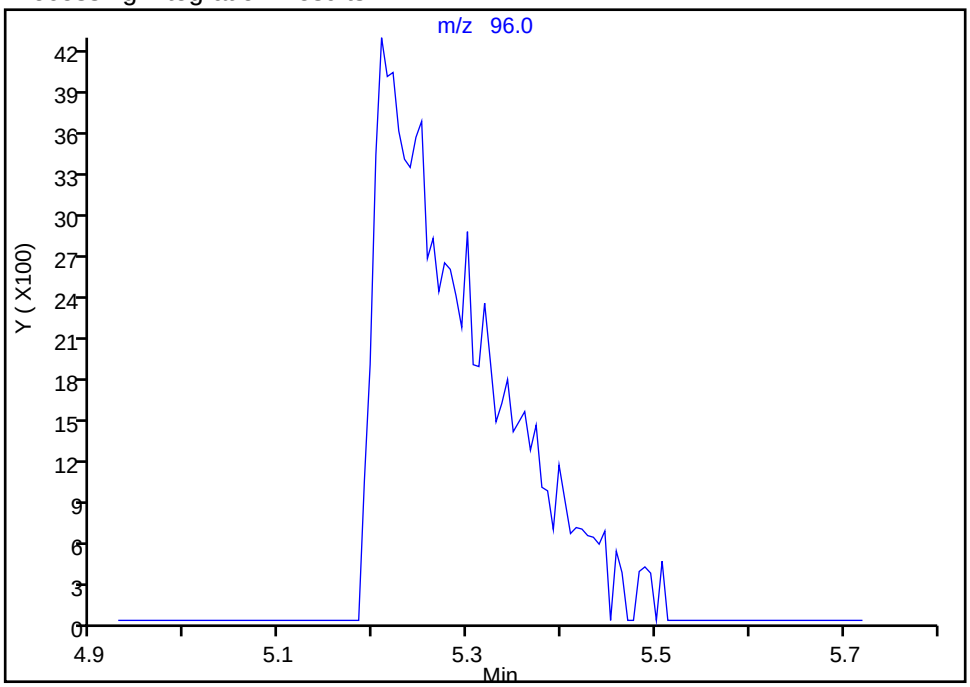
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93154.D				
Injection Date:	18-Oct-2022 00:07:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-D-10-A	Lab Sample ID:	460-267360-10		
Client ID:	L2-RI-SB-10B_32-34_20221012				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

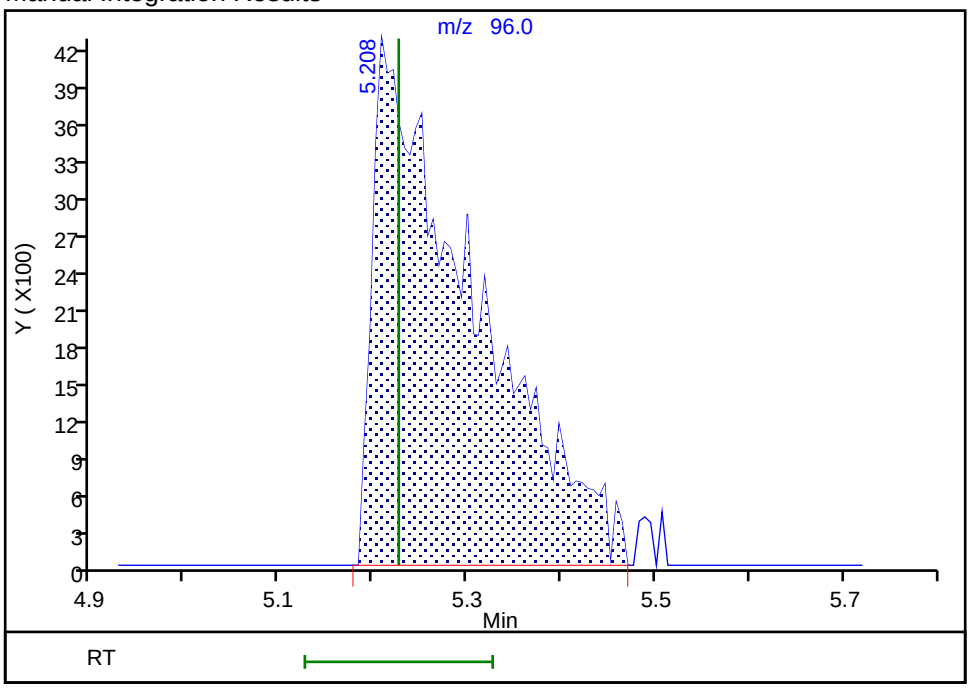
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.21
Area: 31062
Amount: 1000.0000
Amount Units: ug/l



Reviewer: N1JZ, 18-Oct-2022 05:21:55
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.: 460-267360-1

SDG No.:

Client Sample ID: L3-SB-X1_20221012 | Lab Sample ID: 460-267360-11

Matrix: Solid | Lab File ID: B93155.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:30

Sample wt/vol: 4.75(g) | Date Analyzed: 10/18/2022 00:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 7.9 % Solids: 92.1 | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00024
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00060
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00050
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00022
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.026		0.0011	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.063		0.0011	0.00037
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93155.D
Lims ID: 460-267360-C-11-A
Client ID: L3-SB-X1_20221012
Sample Type: Client
Inject. Date: 18-Oct-2022 00:31:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-11-A
Misc. Info.: 460-0151860-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:20:28 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 05:22:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.160	2.160	0.000	0	423584	1000.0	
* 40 2-Butanone-d5	46	3.093	3.099	-0.006	0	439707	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.581	0.000	96	175353	57.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.922	-0.006	0	209438	54.3	
* 60 Fluorobenzene	96	4.306	4.312	-0.006	97	645688	50.0	
63 Trichloroethene	95	4.745	4.745	0.000	96	166360	55.4	
* 69 1,4-Dioxane-d8	96	5.208	5.227	-0.019	0	30198	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	98	727553	51.6	
85 Tetrachloroethene	166	7.421	7.421	0.000	95	63625	22.7	
* 91 Chlorobenzene-d5	117	8.885	8.884	0.000	90	469264	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	86	186236	51.6	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.878	0.006	98	246750	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

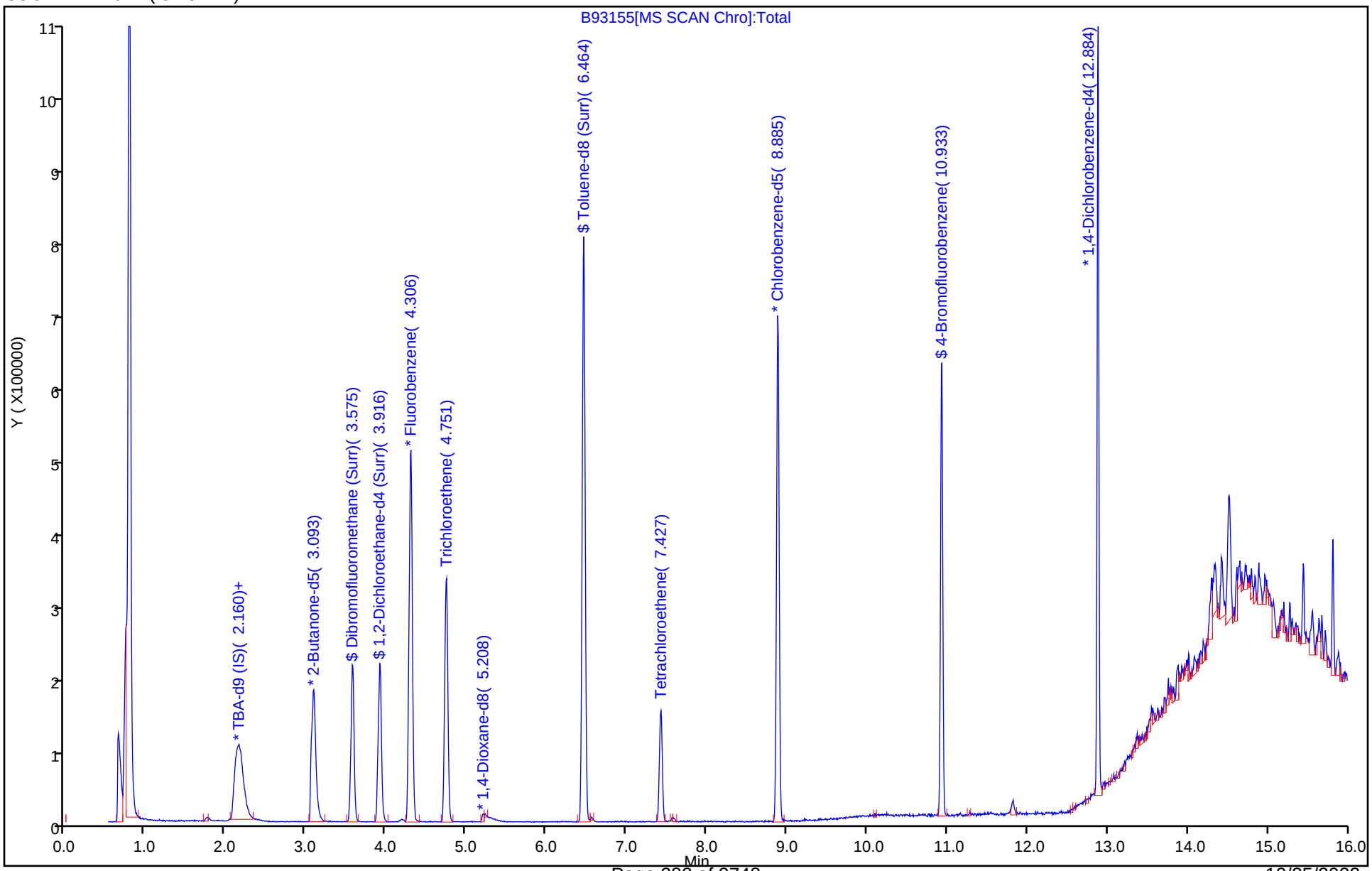
Report Date: 18-Oct-2022 14:20:28 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93155.D

Injection Date:	18-Oct-2022 00:31:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-267360-C-11-A	Lab Sample ID:	460-267360-11	Worklist Smp#:	17
Client ID:	L3-SB-X1_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93155.D
Lims ID: 460-267360-C-11-A
Client ID: L3-SB-X1_20221012
Sample Type: Client
Inject. Date: 18-Oct-2022 00:31:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-11-A
Misc. Info.: 460-0151860-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:20:28 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

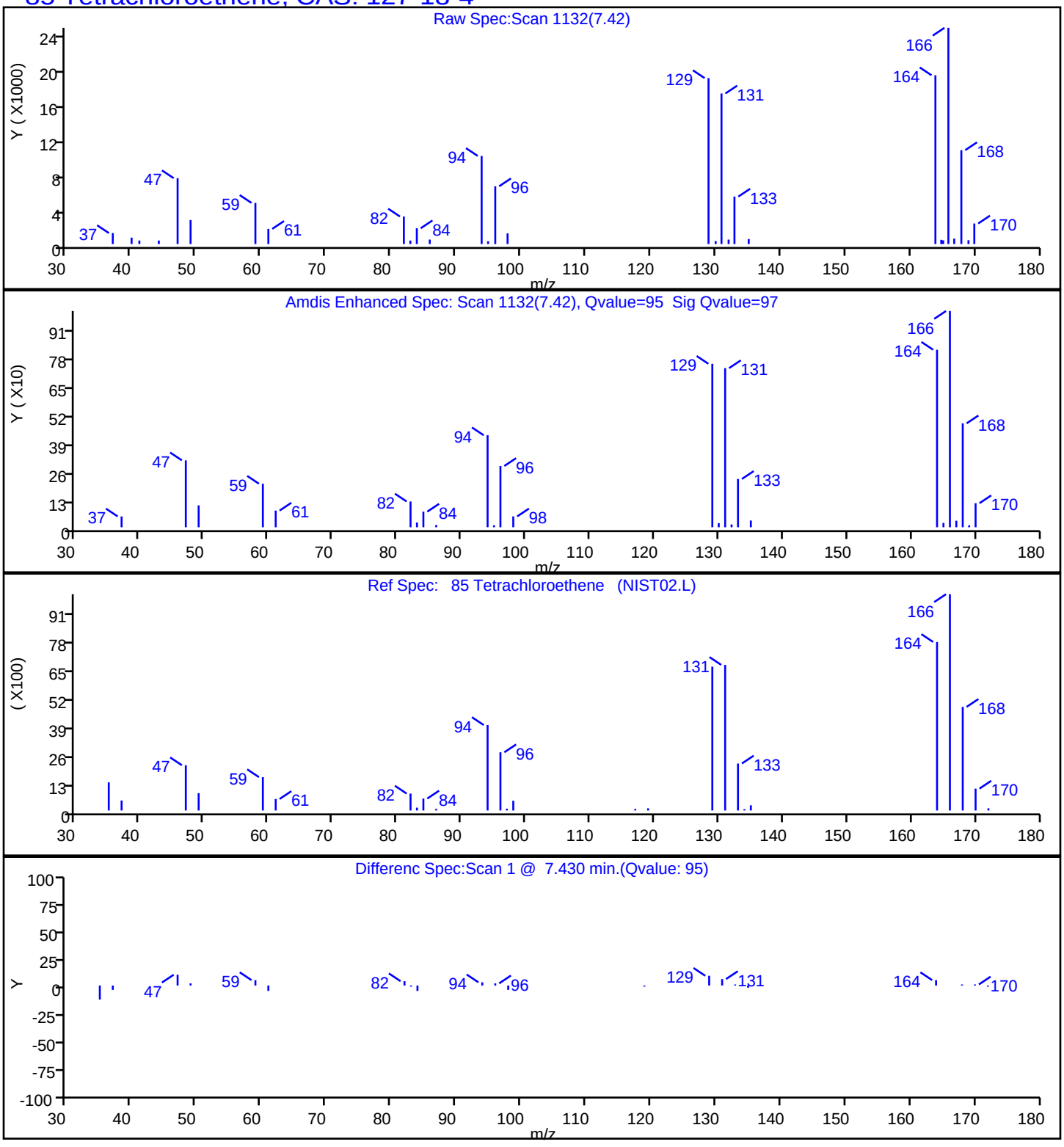
First Level Reviewer: N1JZ Date: 18-Oct-2022 05:22:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	57.2	114.40
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.3	108.64
$ 79 Toluene-d8 (Surr)	50.0	51.6	103.11
$ 103 4-Bromofluorobenzene	50.0	51.6	103.20

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93155.D		
Injection Date:	18-Oct-2022 00:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-11-A	Lab Sample ID:	460-267360-11
Client ID:	L3-SB-X1_20221012		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

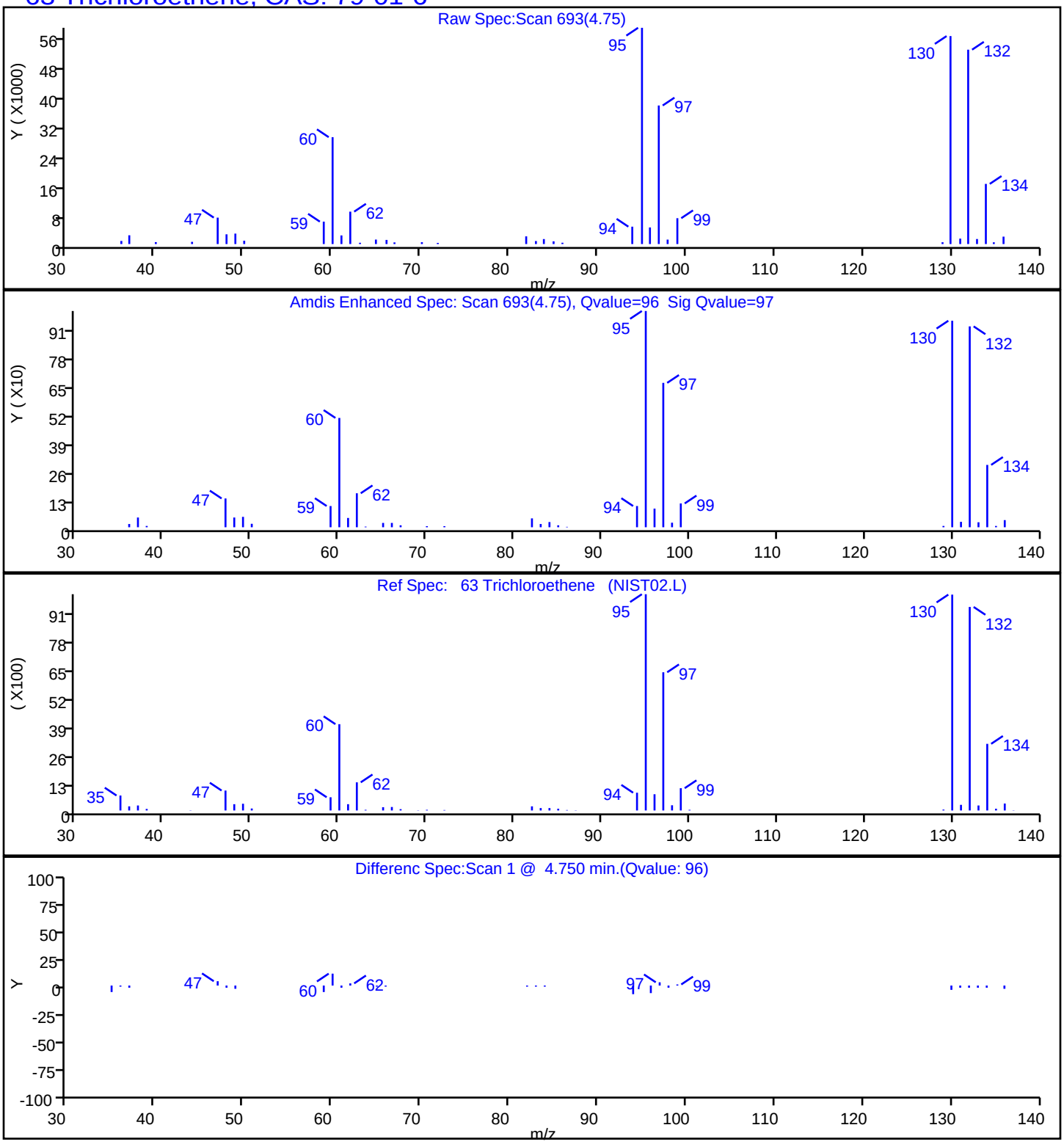
85 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93155.D		
Injection Date:	18-Oct-2022 00:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-11-A	Lab Sample ID:	460-267360-11
Client ID:	L3-SB-X1_20221012		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



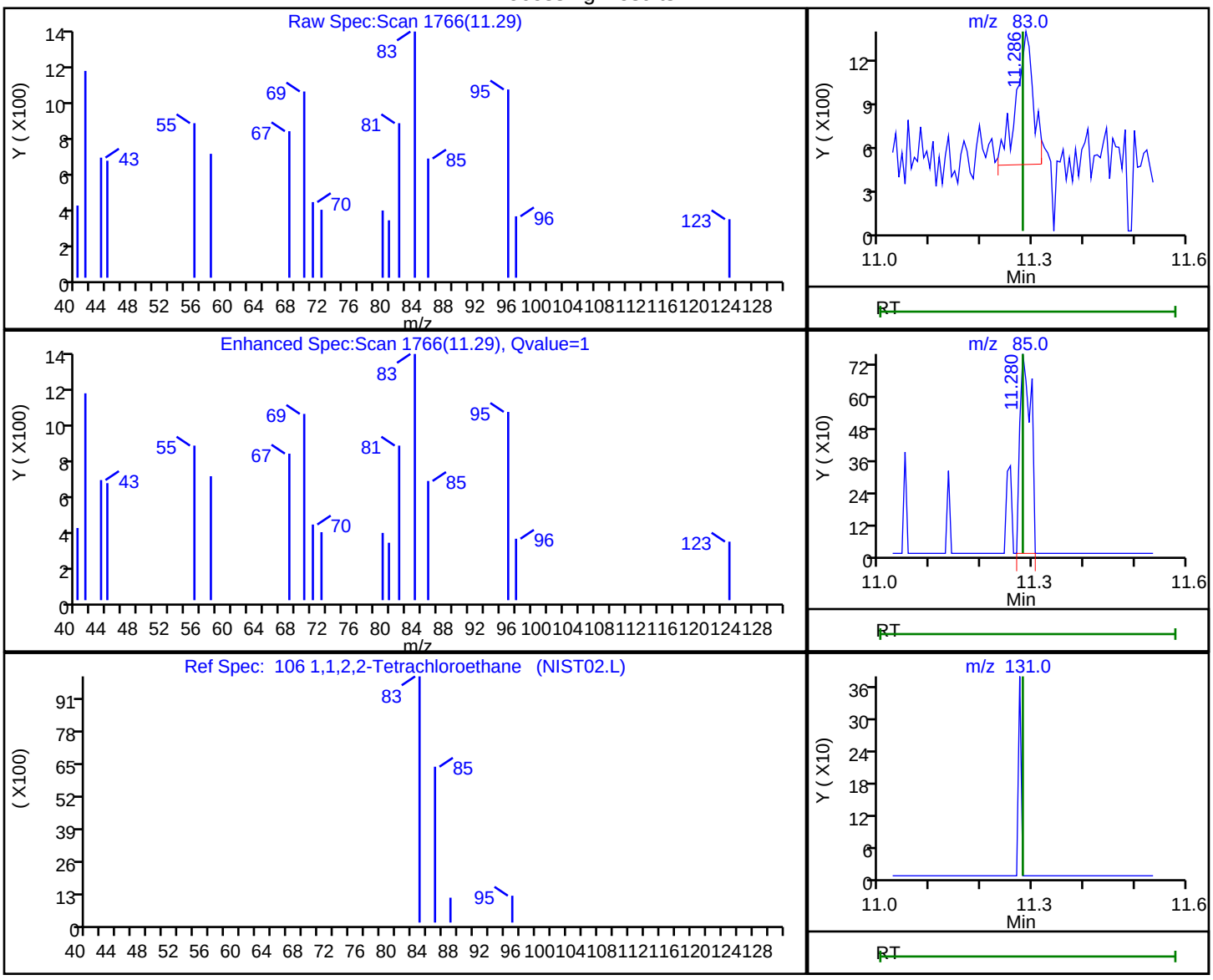
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93155.D		
Injection Date:	18-Oct-2022 00:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-267360-C-11-A	Lab Sample ID:	460-267360-11
Client ID:	L3-SB-X1_20221012		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
11.29	83.00	2113	0.595251
11.28	85.00	1121	
11.28	131.00	0	

Reviewer: NN6A, 18-Oct-2022 14:20:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

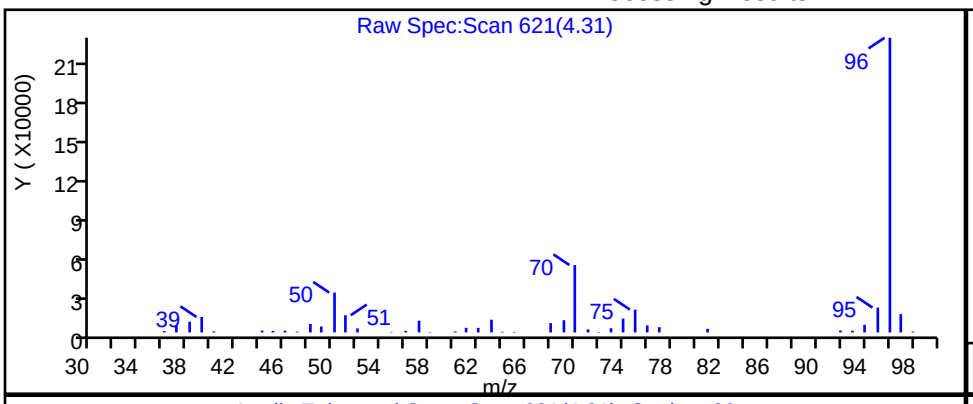
User Disabled Compound Report

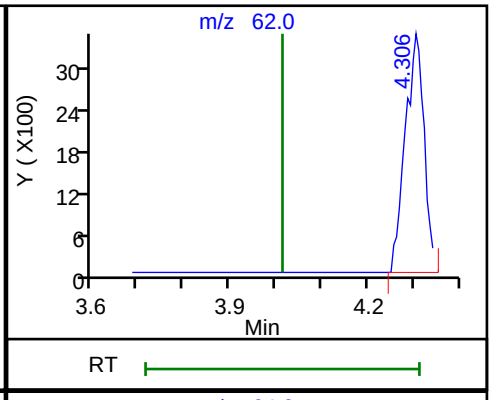
Eurofins Edison

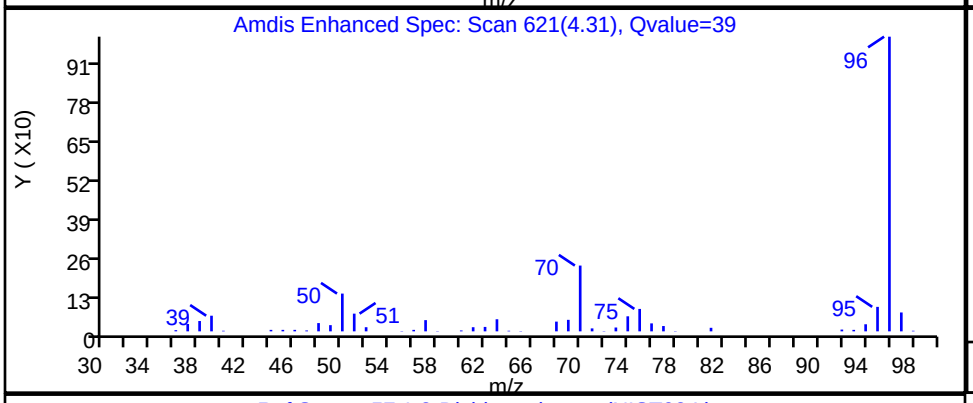
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93155.D				
Injection Date:	18-Oct-2022 00:31:30	Instrument ID:	CVOAMS2		
Lims ID:	460-267360-C-11-A	Lab Sample ID:	460-267360-11		
Client ID:	L3-SB-X1_20221012				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

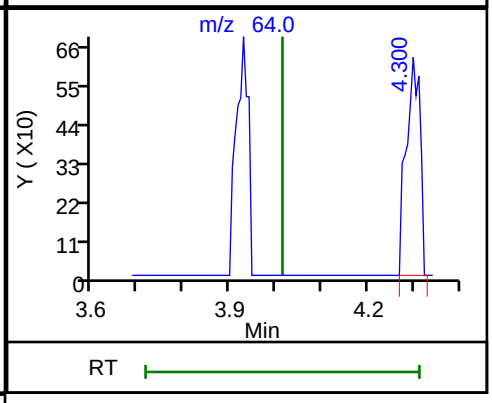
57 1,2-Dichloroethane, CAS: 107-06-2

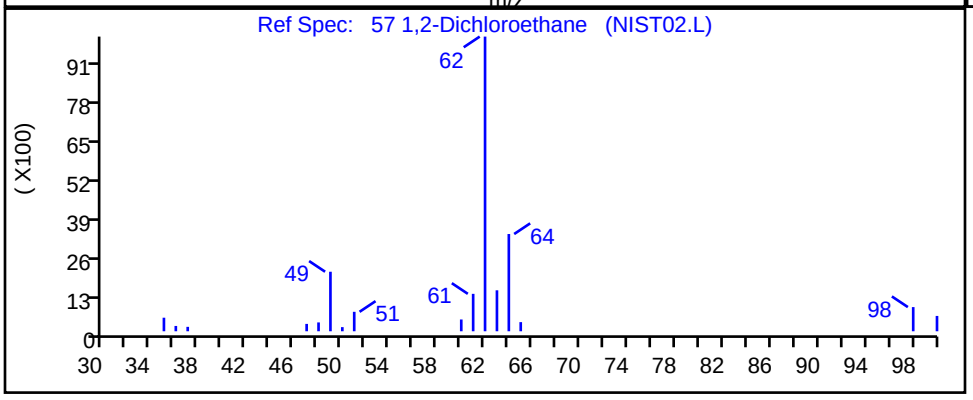
Processing Results











RT	Mass	Response	Amount
4.31	62.00	9687	2.264973
4.30	64.00	1309	

Reviewer: N1JZ, 18-Oct-2022 05:22:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_15-16_20221012 | Lab Sample ID: 460-267360-12

Matrix: Solid | Lab File ID: K39165.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:00

Sample wt/vol: 4.47(g) | Date Analyzed: 10/17/2022 15:57

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.1 % Solids: 95.9 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00026
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00049
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U *	0.0012	0.00045
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00061
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00061	J	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U *	0.0012	0.00023
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.082		0.0012	0.00037
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	105		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39165.D
Lims ID: 460-267360-C-12-A
Client ID: L3-RI-SB-2B_15-16_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 15:57:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-12-A
Misc. Info.: 460-0151838-019
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:09:12 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 17:14:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.567	2.556	0.011	96	356884	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	98	295783	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	26	2831	0.5231	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.927	0.012	95	220730	52.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	213732	50.5	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	797911	50.0	
69 Trichloroethene	95	4.990	4.990	0.000	99	317411	70.0	
* 73 1,4-Dioxane-d8	96	5.345	5.345	-0.001	97	43144	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	810103	49.1	
88 Tetrachloroethene	166	7.253	7.265	-0.012	54	641	0.1538	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	539142	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	206084	49.3	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	293480	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

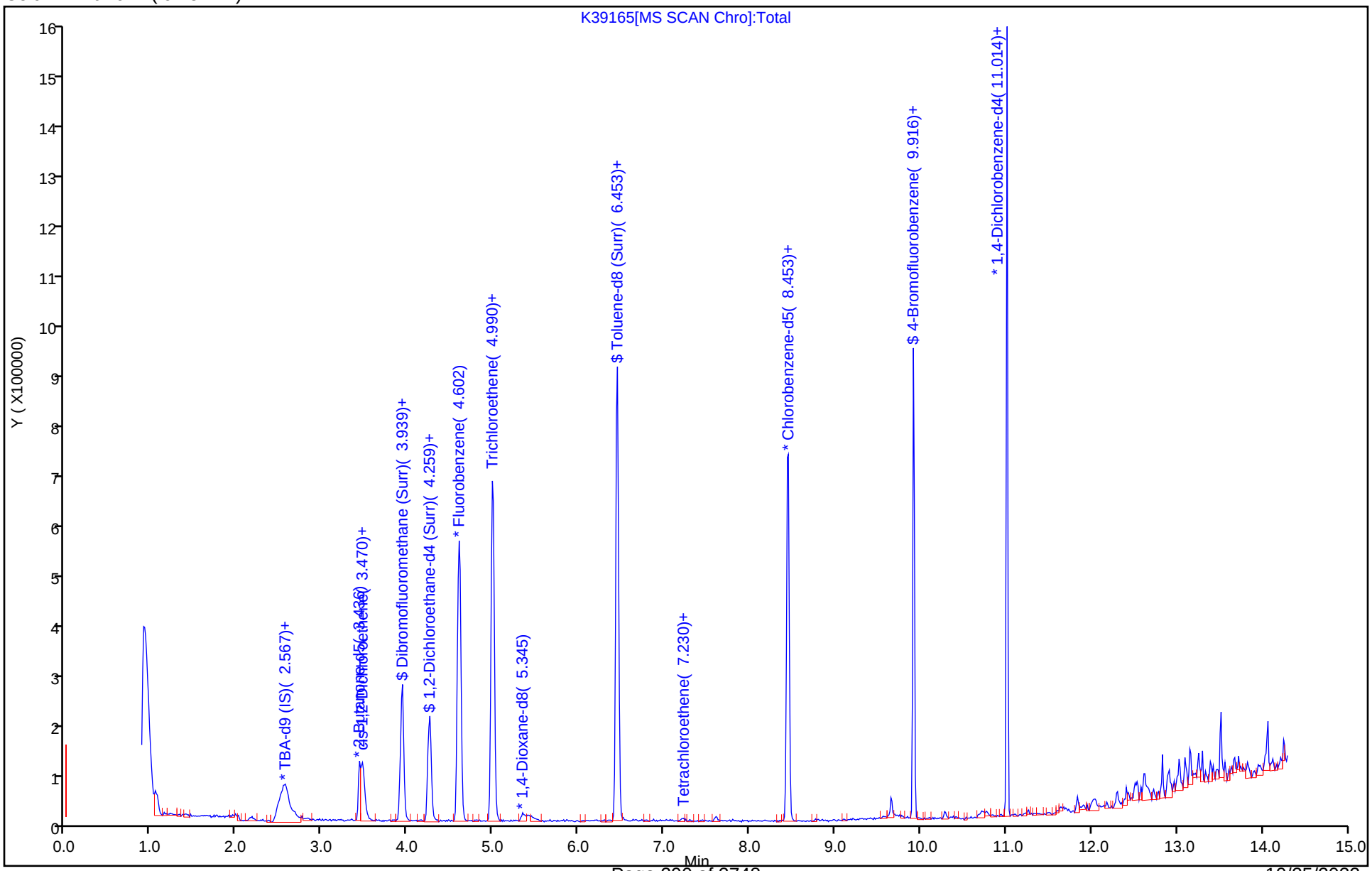
Report Date: 18-Oct-2022 13:09:12 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39165.D

Injection Date:	17-Oct-2022 15:57:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-12-A	Lab Sample ID:	460-267360-12	Worklist Smp#:	19
Client ID:	L3-RI-SB-2B_15-16_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39165.D
Lims ID: 460-267360-C-12-A
Client ID: L3-RI-SB-2B_15-16_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 15:57:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-12-A
Misc. Info.: 460-0151838-019
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:09:12 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 17:14:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.5	105.06
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	100.97
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.19
$ 105 4-Bromofluorobenzene	50.0	49.3	98.58

Report Date: 18-Oct-2022 13:09:13 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39165.D

Injection Date: 17-Oct-2022 15:57:30 Instrument ID: CVOAMS9

Lims ID: 460-267360-C-12-A Lab Sample ID: 460-267360-12

Client ID: L3-RI-SB-2B_15-16_20221012

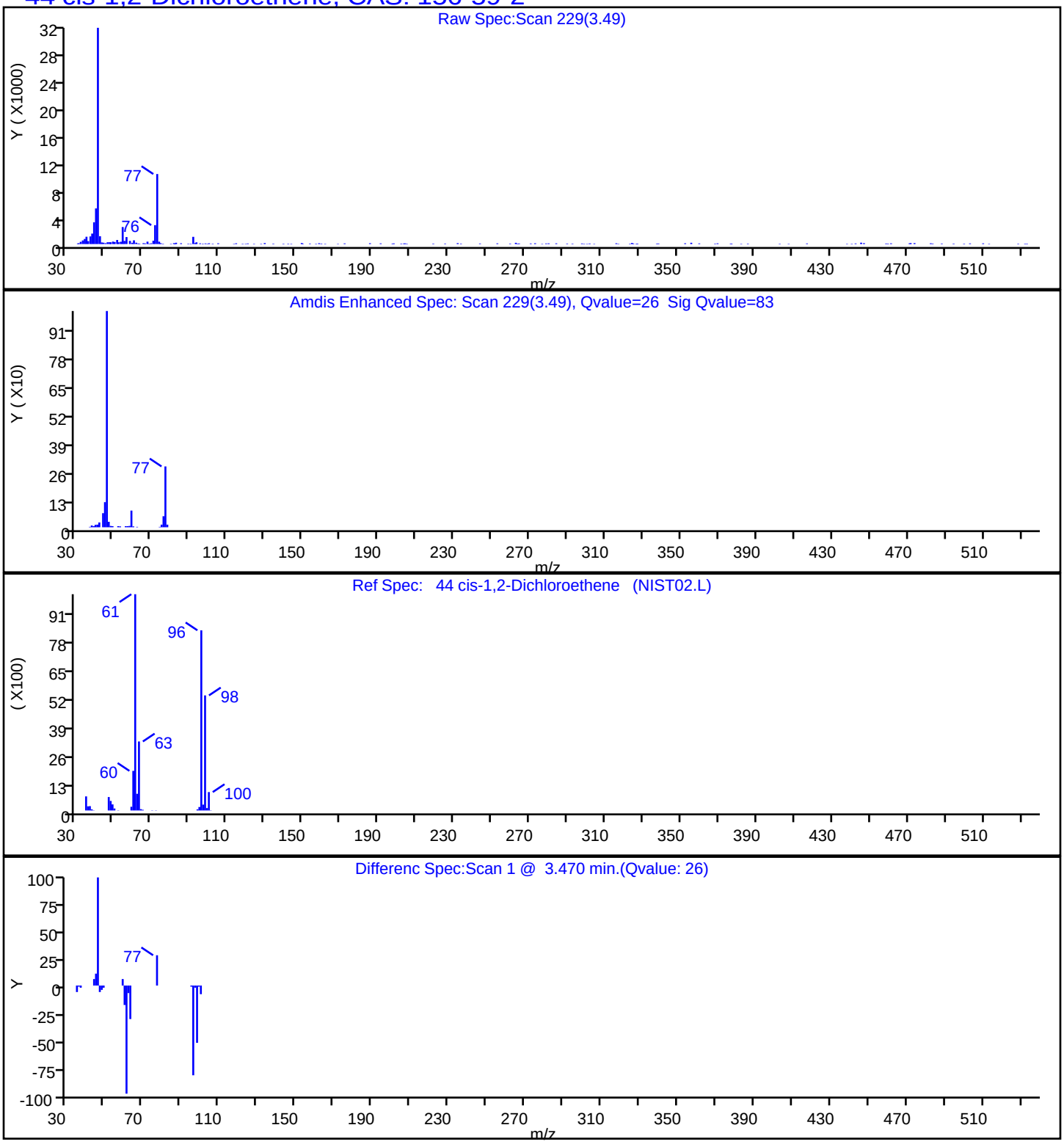
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

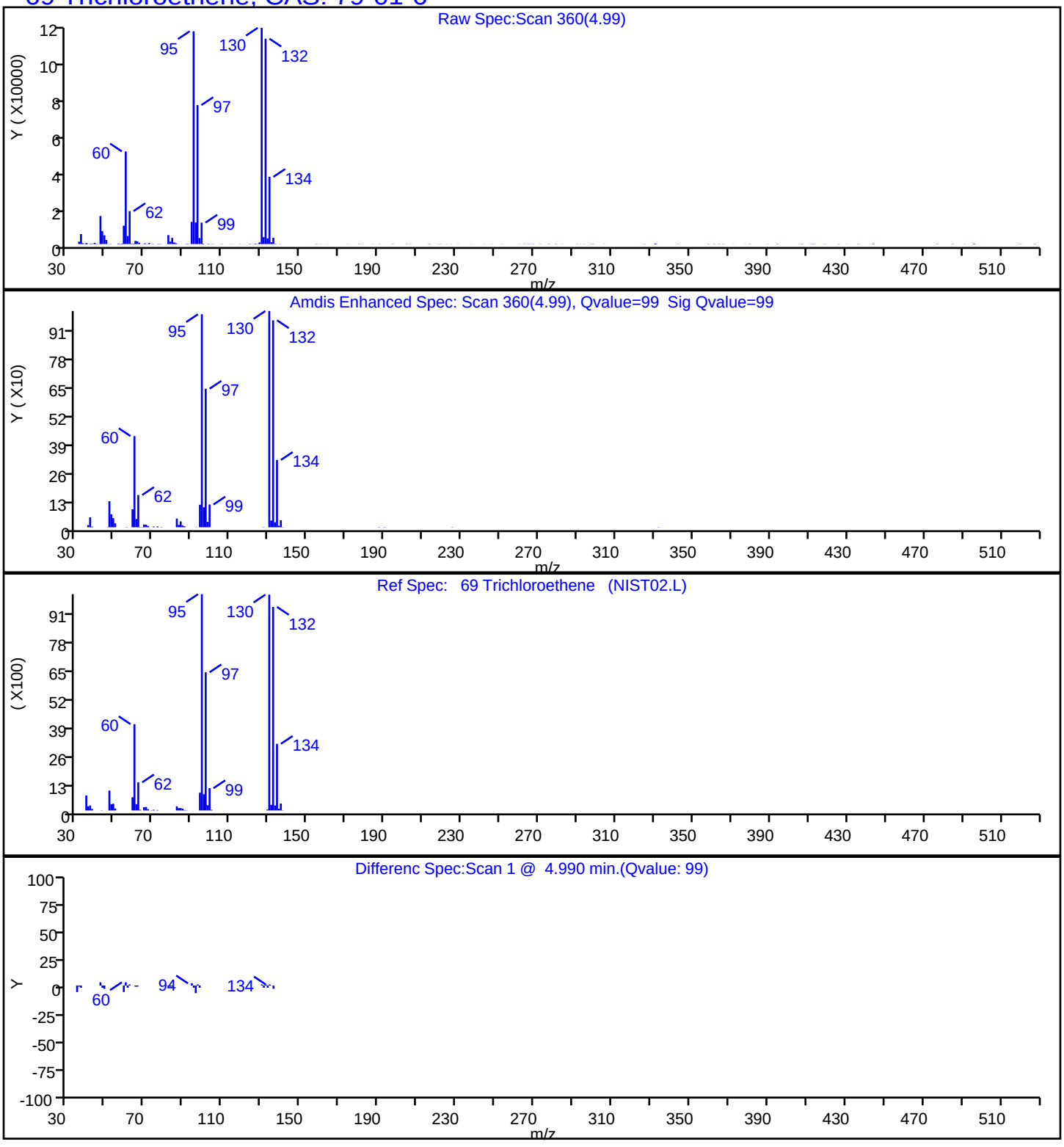
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39165.D		
Injection Date:	17-Oct-2022 15:57:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-12-A	Lab Sample ID:	460-267360-12
Client ID:	L3-RI-SB-2B_15-16_20221012		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



Eurofins Edison

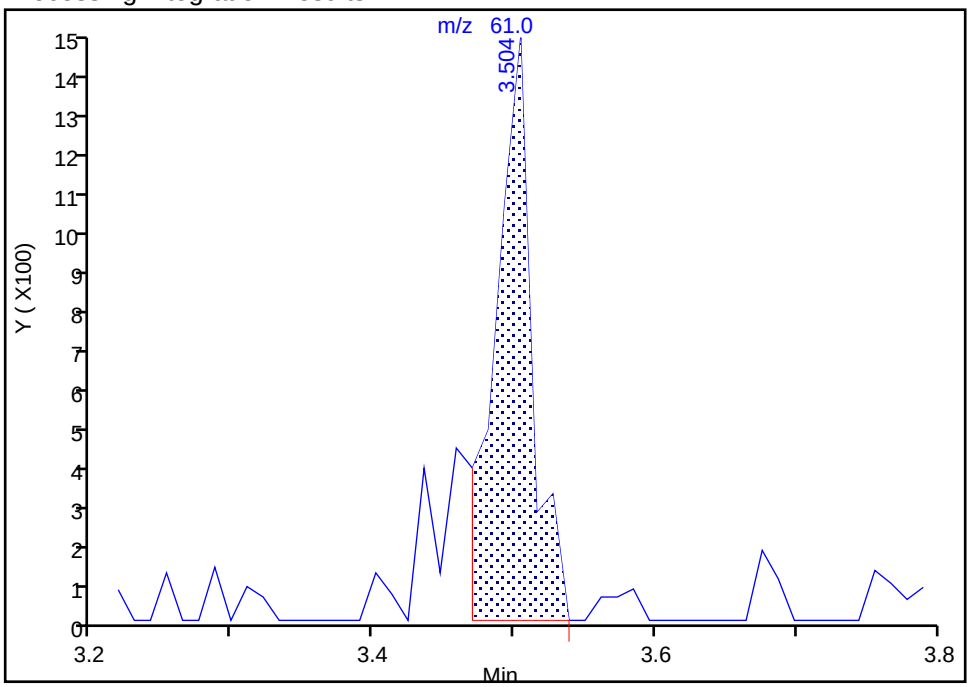
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Injection Date:	17-Oct-2022 15:57:30	Instrument ID:	CVOAMS9		
Lims ID:	460-267360-C-12-A	Lab Sample ID:	460-267360-12		
Client ID:	L3-RI-SB-2B_15-16_20221012				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Signal: 2

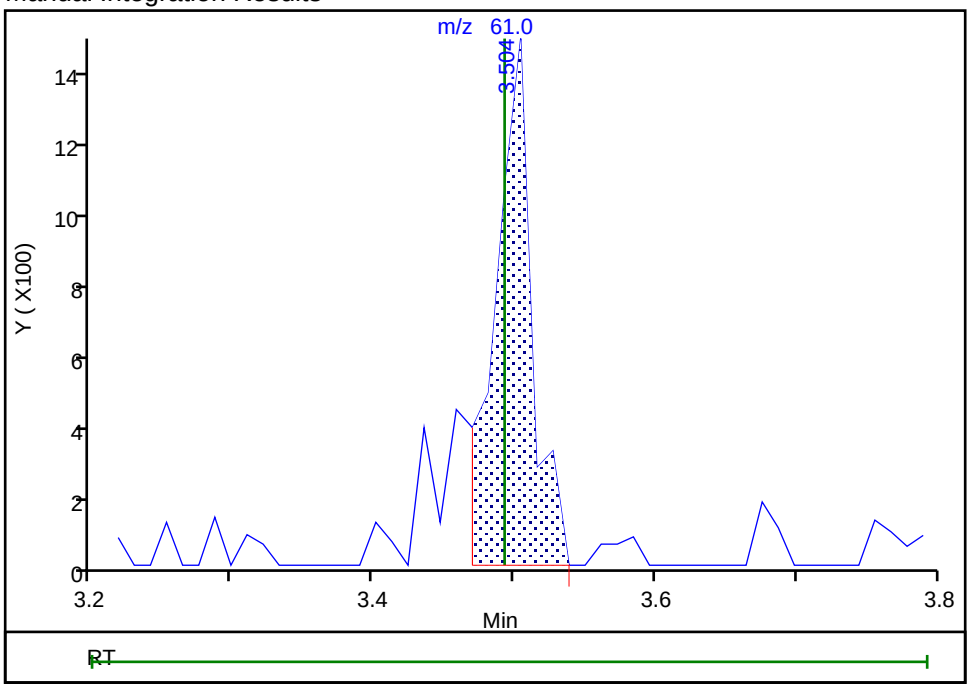
Processing Integration Results

RT: 3.50
Area: 2682
Amount: 0.523118
Amount Units: ug/l



Manual Integration Results

RT: 3.50
Area: 2682
Amount: 0.523118
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 17:14:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

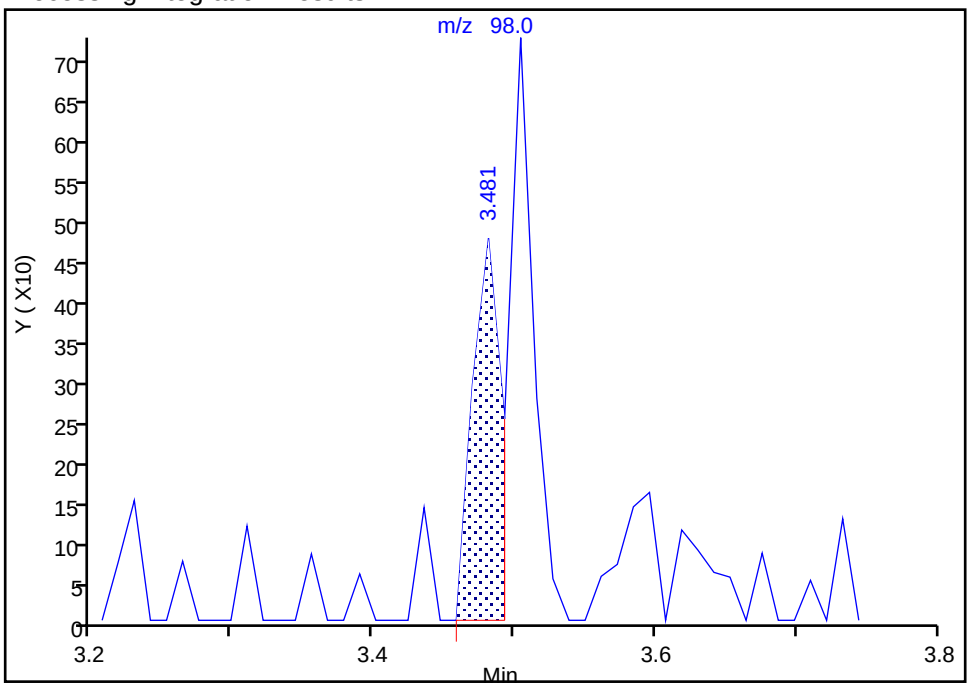
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39165.D				
Injection Date:	17-Oct-2022 15:57:30	Instrument ID:	CVOAMS9		
Lims ID:	460-267360-C-12-A	Lab Sample ID:	460-267360-12		
Client ID:	L3-RI-SB-2B_15-16_20221012				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Signal: 3

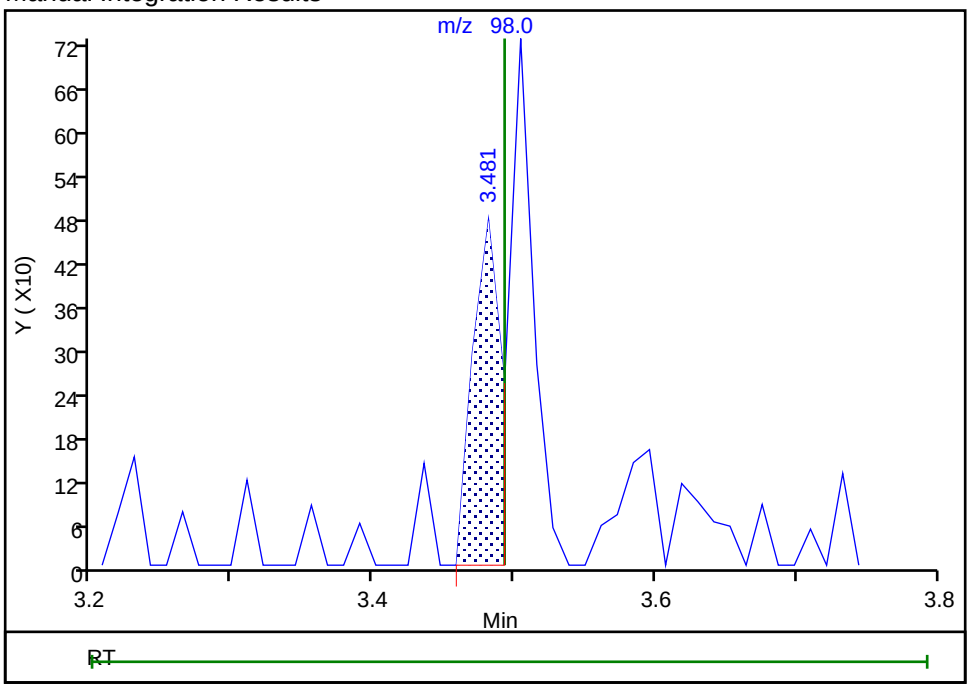
Processing Integration Results

RT: 3.48
Area: 703
Amount: 0.523118
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 703
Amount: 0.523118
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 17:14:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_16-18_20221012 | Lab Sample ID: 460-267360-13

Matrix: Solid | Lab File ID: K39166.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:05

Sample wt/vol: 3.85(g) | Date Analyzed: 10/17/2022 16:20

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.9 % Solids: 96.1 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0014	U *	0.0014	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029
79-00-5	1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024
75-34-3	1,1-Dichloroethane	0.0014	U	0.0014	0.00028
75-35-4	1,1-Dichloroethene	0.0014	U	0.0014	0.00030
107-06-2	1,2-Dichloroethane	0.0014	U	0.0014	0.00040
78-87-5	1,2-Dichloropropane	0.0014	U	0.0014	0.00057
75-27-4	Bromodichloromethane	0.0014	U	0.0014	0.00035
56-23-5	Carbon tetrachloride	0.0014	U *	0.0014	0.00052
108-90-7	Chlorobenzene	0.0014	U	0.0014	0.00024
75-00-3	Chloroethane	0.0014	U	0.0014	0.00071
67-66-3	Chloroform	0.0014	U	0.0014	0.0013
74-87-3	Chloromethane	0.0014	U	0.0014	0.00059
156-59-2	cis-1,2-Dichloroethene	0.00098	J	0.0014	0.00048
10061-01-5	cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037
124-48-1	Dibromochloromethane	0.0014	U *	0.0014	0.00026
75-09-2	Methylene Chloride	0.0027	U	0.0027	0.0015
127-18-4	Tetrachloroethene	0.0014	U	0.0014	0.00041
156-60-5	trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036
79-01-6	Trichloroethene	0.085		0.0014	0.00043
75-01-4	Vinyl chloride	0.0014	U	0.0014	0.00074

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39166.D
Lims ID: 460-267360-C-13-A
Client ID: L3-RI-SB-2B_16-18_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 16:20:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-13-A
Misc. Info.: 460-0151838-020
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:14:53 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 17:15:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.544	2.556	-0.012	96	396567	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	98	300928	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	31	3693	0.7237	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.927	0.012	95	216065	54.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	207865	52.1	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	752375	50.0	
69 Trichloroethene	95	4.990	4.990	0.000	98	268647	62.8	
* 73 1,4-Dioxane-d8	96	5.344	5.345	-0.001	98	42410	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	777550	47.7	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	84	532220	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	198241	48.0	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	280423	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

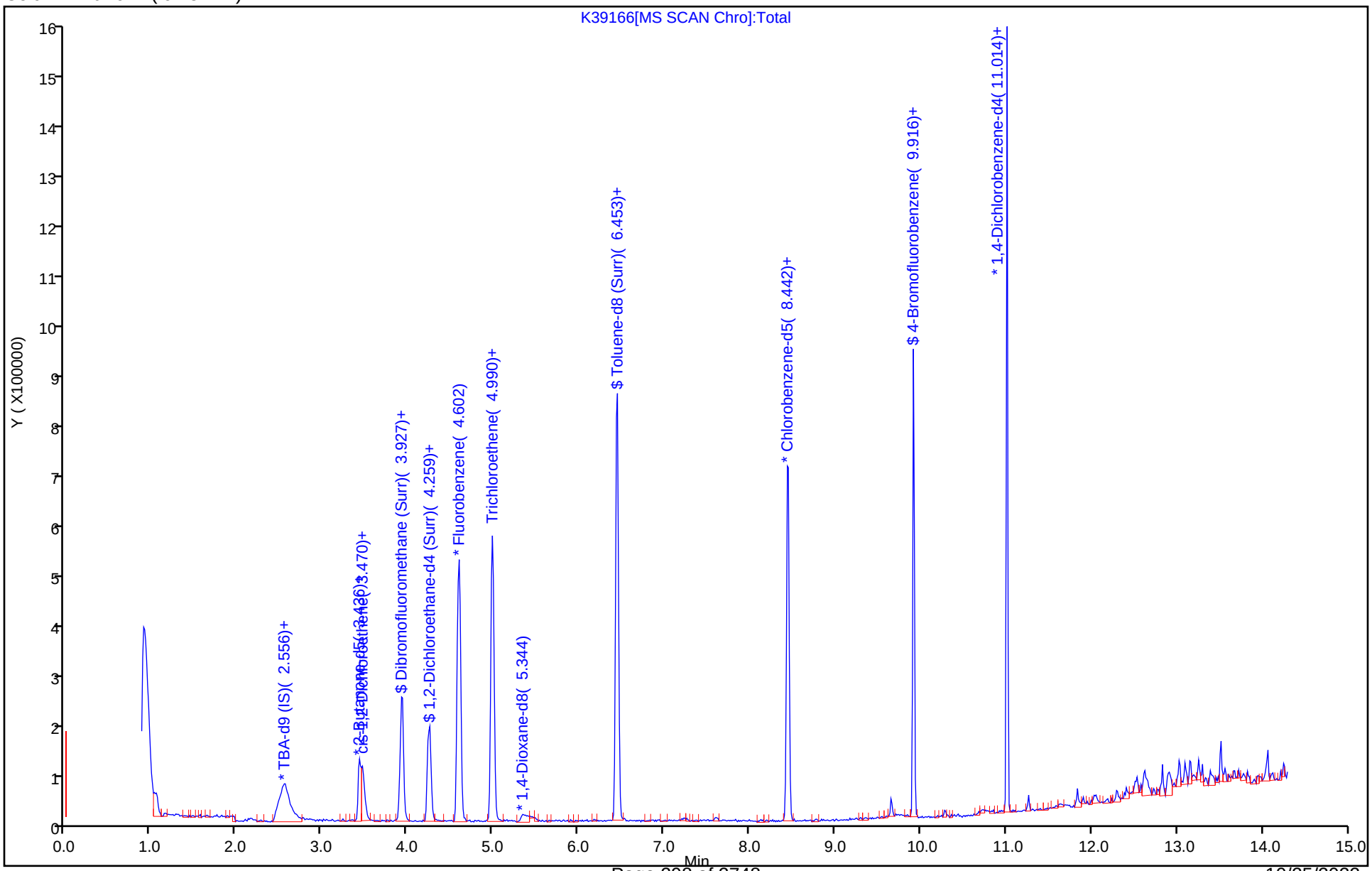
Report Date: 17-Oct-2022 17:15:10 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39166.D

Injection Date:	17-Oct-2022 16:20:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-13-A	Lab Sample ID:	460-267360-13	Worklist Smp#:	20
Client ID:	L3-RI-SB-2B_16-18_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39166.D
Lims ID: 460-267360-C-13-A
Client ID: L3-RI-SB-2B_16-18_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 16:20:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-13-A
Misc. Info.: 460-0151838-020
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:14:53 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 17:15:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.5	109.06
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.1	104.14
$ 83 Toluene-d8 (Surr)	50.0	47.7	95.47
$ 105 4-Bromofluorobenzene	50.0	48.0	96.06

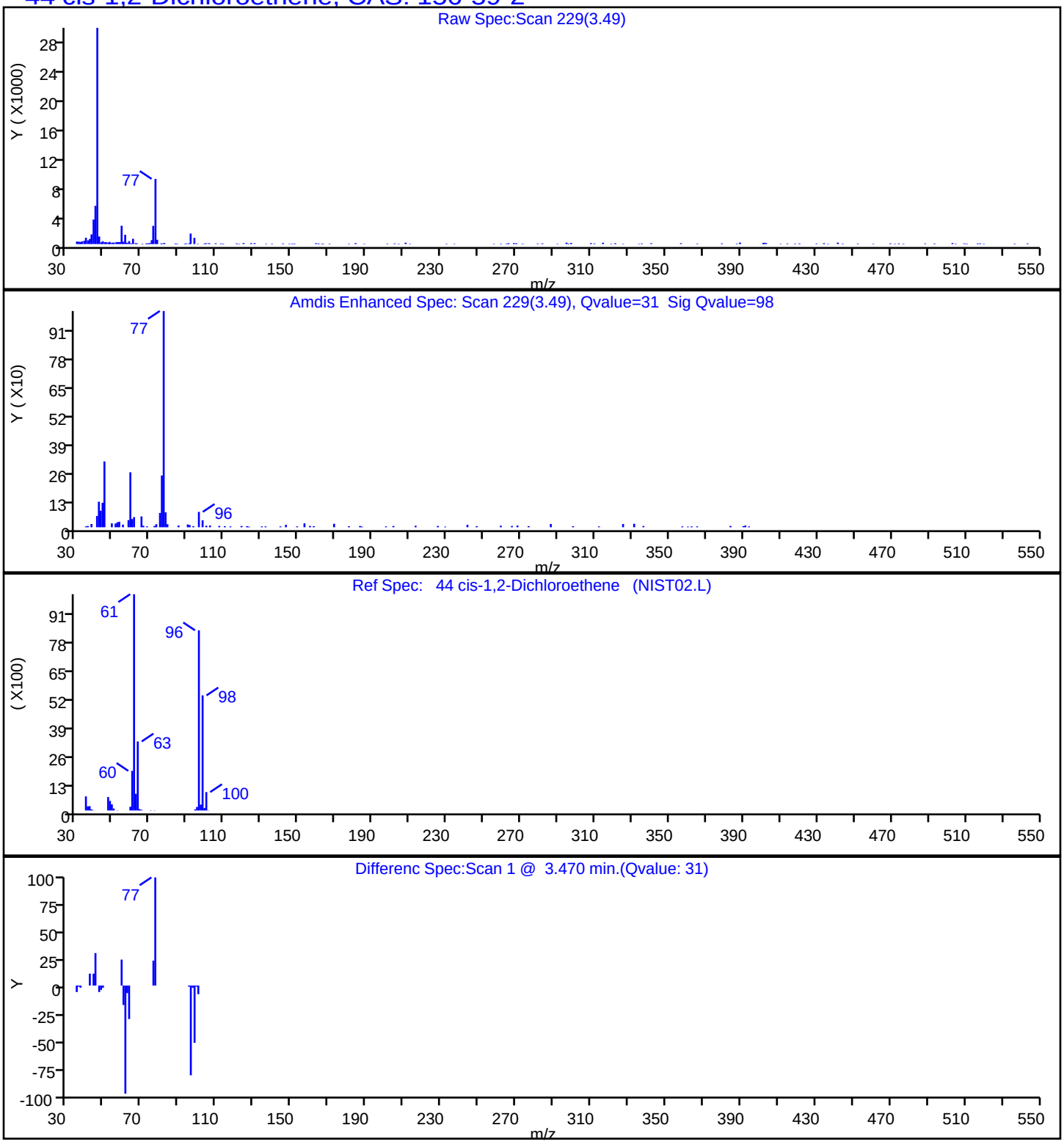
Report Date: 17-Oct-2022 17:15:10 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39166.D

Injection Date:	17-Oct-2022 16:20:30	Instrument ID:	CVOAMS9		
Lims ID:	460-267360-C-13-A	Lab Sample ID:	460-267360-13		
Client ID:	L3-RI-SB-2B_16-18_20221012				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

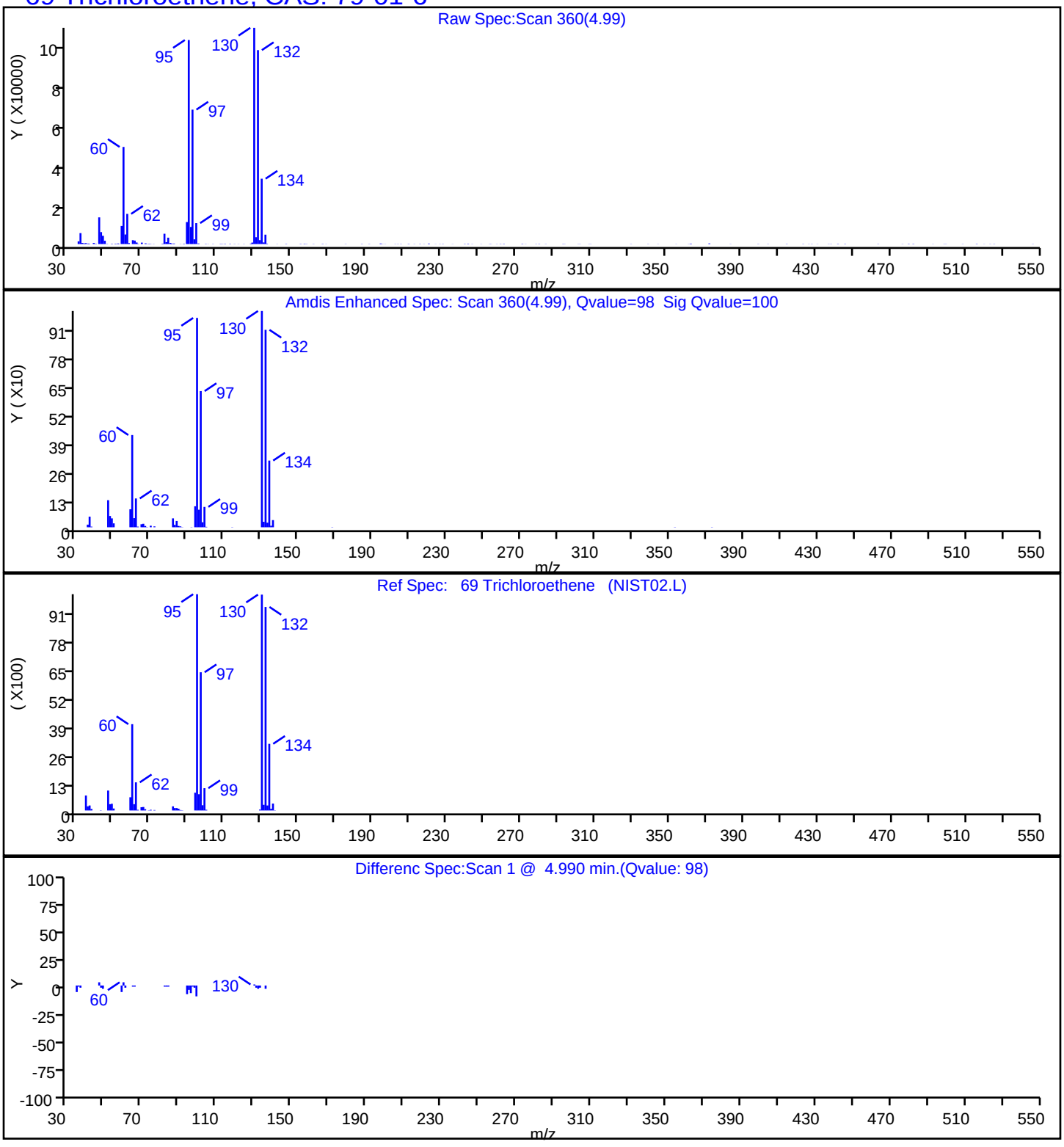
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39166.D		
Injection Date:	17-Oct-2022 16:20:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-13-A	Lab Sample ID:	460-267360-13
Client ID:	L3-RI-SB-2B_16-18_20221012		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_18-20_20221012 | Lab Sample ID: 460-267360-14

Matrix: Solid | Lab File ID: K39184.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:10

Sample wt/vol: 4.77(g) | Date Analyzed: 10/17/2022 22:50

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.8 % Solids: 96.2 | Level: (low/med) Low

Analysis Batch No.: 872456 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U *	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	U *	0.0011	0.00021
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0012
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39184.D
Lims ID: 460-267360-D-14-A
Client ID: L3-RI-SB-2B_18-20_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 22:50:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-14-A
Misc. Info.: 460-0151865-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 23:13:14 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 23:14:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.556	2.567	-0.011	96	330621	1000.0	
* 42 2-Butanone-d5	46	3.470	3.436	0.034	98	271014	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	95	220488	56.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	203934	51.9	
* 66 Fluorobenzene	96	4.602	4.602	0.000	100	740302	50.0	
69 Trichloroethene	95	5.002	5.002	0.000	59	1331	0.3163	
* 73 1,4-Dioxane-d8	96	5.367	5.345	0.022	93	32468	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	745401	48.4	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	502897	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	191971	49.2	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	272600	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

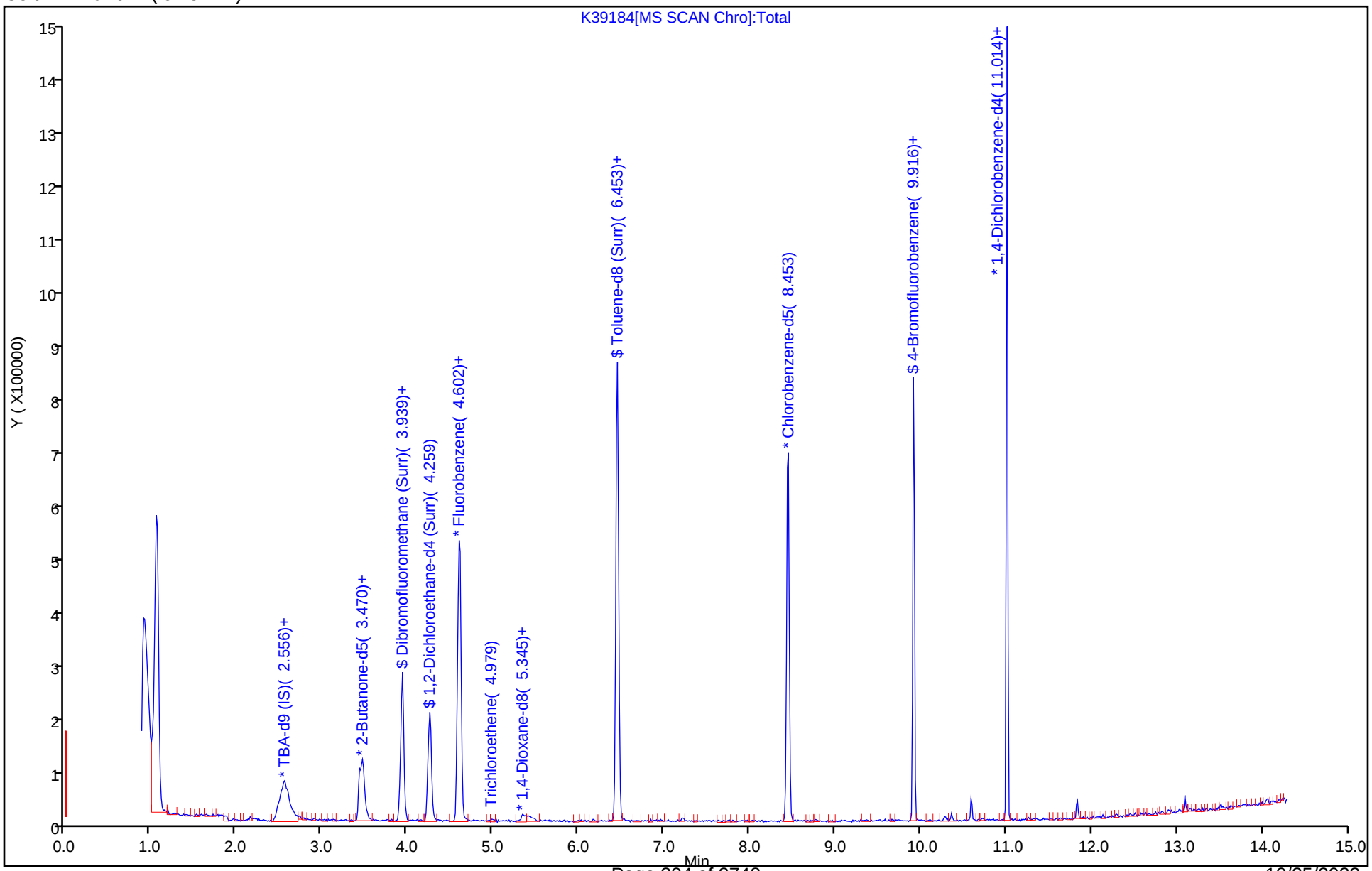
Report Date: 17-Oct-2022 23:14:29 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39184.D

Injection Date:	17-Oct-2022 22:50:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-D-14-A	Lab Sample ID:	460-267360-14	Worklist Smp#:	10
Client ID:	L3-RI-SB-2B_18-20_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39184.D
Lims ID: 460-267360-D-14-A
Client ID: L3-RI-SB-2B_18-20_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 22:50:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-14-A
Misc. Info.: 460-0151865-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 23:13:14 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 23:14:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	56.6	113.11
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.84
$ 83 Toluene-d8 (Surr)	50.0	48.4	96.86
$ 105 4-Bromofluorobenzene	50.0	49.2	98.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_20-22_20221012 | Lab Sample ID: 460-267360-15

Matrix: Solid | Lab File ID: K39168.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:15

Sample wt/vol: 4.40(g) | Date Analyzed: 10/17/2022 17:04

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.9 % Solids: 96.1 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U *	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U *	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.037		0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00065

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39168.D
Lims ID: 460-267360-C-15-A
Client ID: L3-RI-SB-2B_20-22_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 17:04:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-15-A
Misc. Info.: 460-0151838-022
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:22:43 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 17:37:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.556	2.556	0.000	96	359190	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	97	289601	250.0	
44 cis-1,2-Dichloroethene	96	3.504	3.493	0.011	39	1788	0.3346	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.927	0.012	96	225725	54.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	213301	51.0	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	787812	50.0	
69 Trichloroethene	95	4.990	4.990	0.000	97	141046	31.5	
* 73 1,4-Dioxane-d8	96	5.345	5.345	0.000	93	40292	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	805018	48.7	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	86	540075	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	207888	49.6	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	298729	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

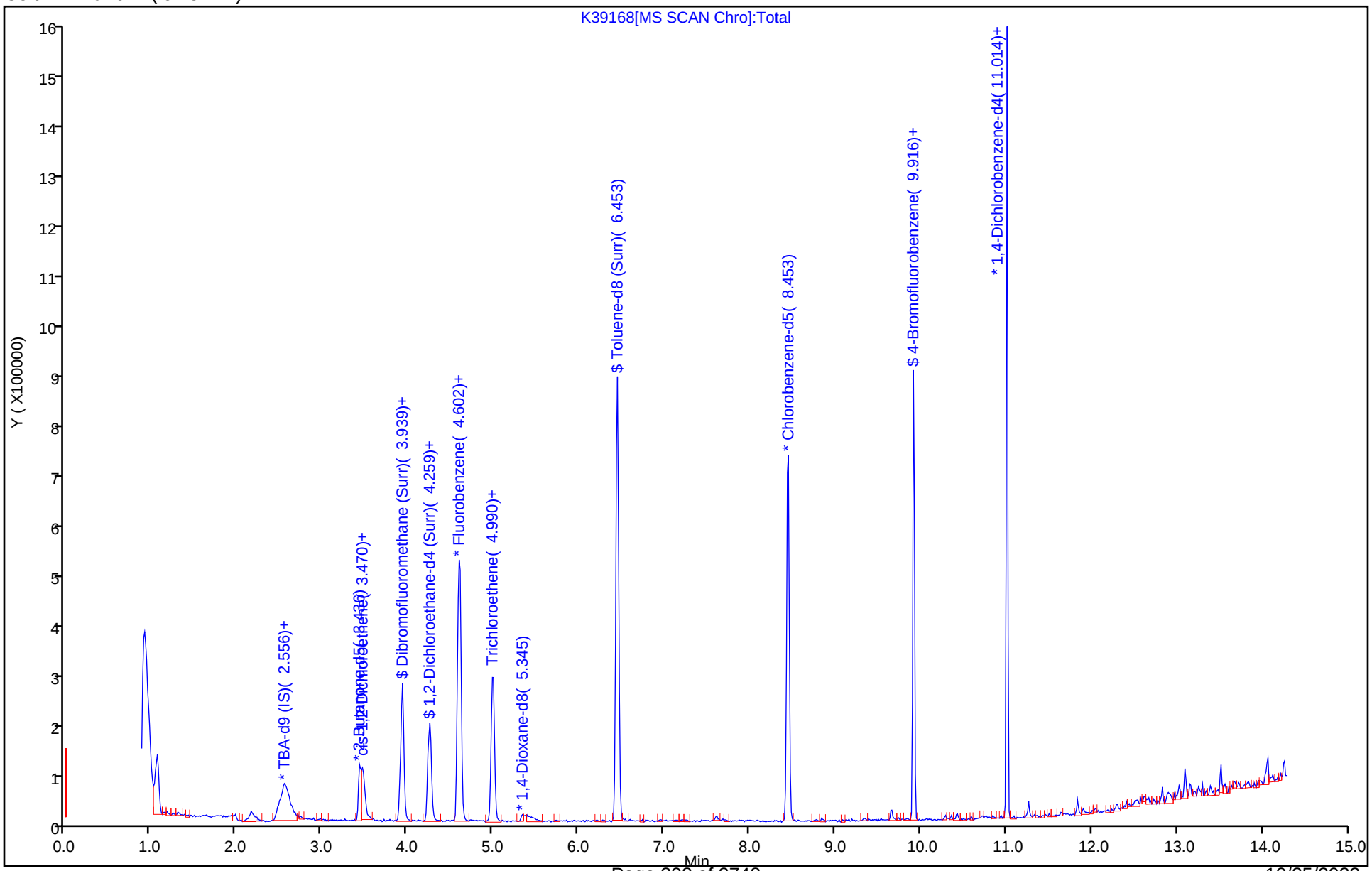
Report Date: 17-Oct-2022 17:37:35 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39168.D

Injection Date:	17-Oct-2022 17:04:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-15-A	Lab Sample ID:	460-267360-15	Worklist Smp#:	22
Client ID:	L3-RI-SB-2B_20-22_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39168.D
Lims ID: 460-267360-C-15-A
Client ID: L3-RI-SB-2B_20-22_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 17:04:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-15-A
Misc. Info.: 460-0151838-022
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:22:43 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

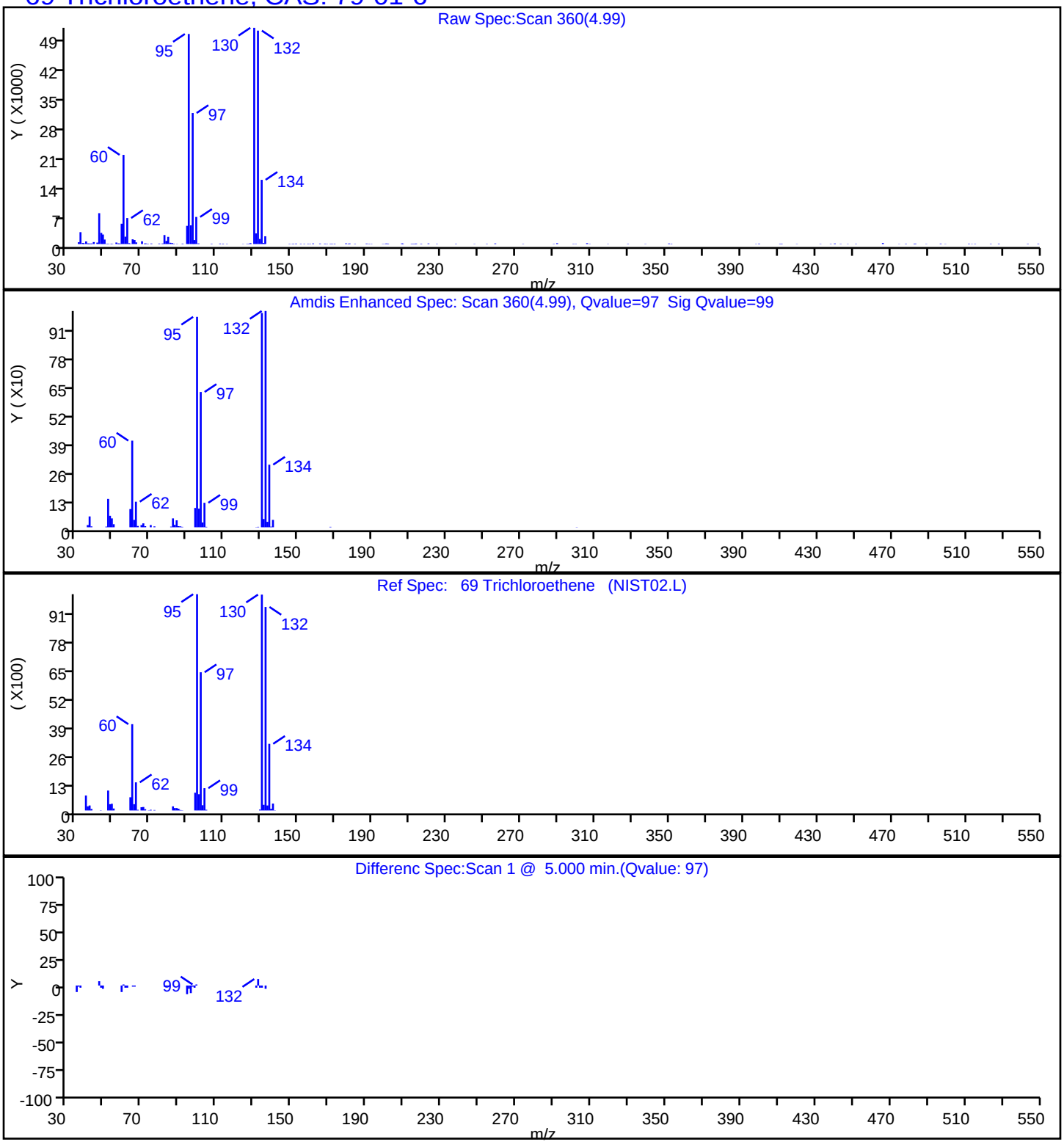
First Level Reviewer: C1JX Date: 17-Oct-2022 17:37:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.4	108.81
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.0	102.06
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.40
$ 105 4-Bromofluorobenzene	50.0	49.6	99.27

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39168.D		
Injection Date:	17-Oct-2022 17:04:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-15-A	Lab Sample ID:	460-267360-15
Client ID:	L3-RI-SB-2B_20-22_20221012		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_22-24_20221012 | Lab Sample ID: 460-267360-16

Matrix: Solid | Lab File ID: K39169.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:20

Sample wt/vol: 4.27(g) | Date Analyzed: 10/17/2022 17:27

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.8 % Solids: 97.2 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U *	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00063
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00052
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	U *	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0033		0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39169.D
Lims ID: 460-267360-C-16-A
Client ID: L3-RI-SB-2B_22-24_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 17:27:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-16-A
Misc. Info.: 460-0151838-023
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:43:02 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 17:49:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.556	2.556	0.000	96	352856	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	97	281231	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.927	3.927	0.000	96	213194	54.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.247	4.259	-0.012	0	200701	51.1	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	740937	50.0	
69 Trichloroethene	95	4.990	4.990	0.000	96	11437	2.72	
* 73 1,4-Dioxane-d8	96	5.356	5.345	0.011	92	40663	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	754890	47.9	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	514449	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	194373	48.7	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	276348	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

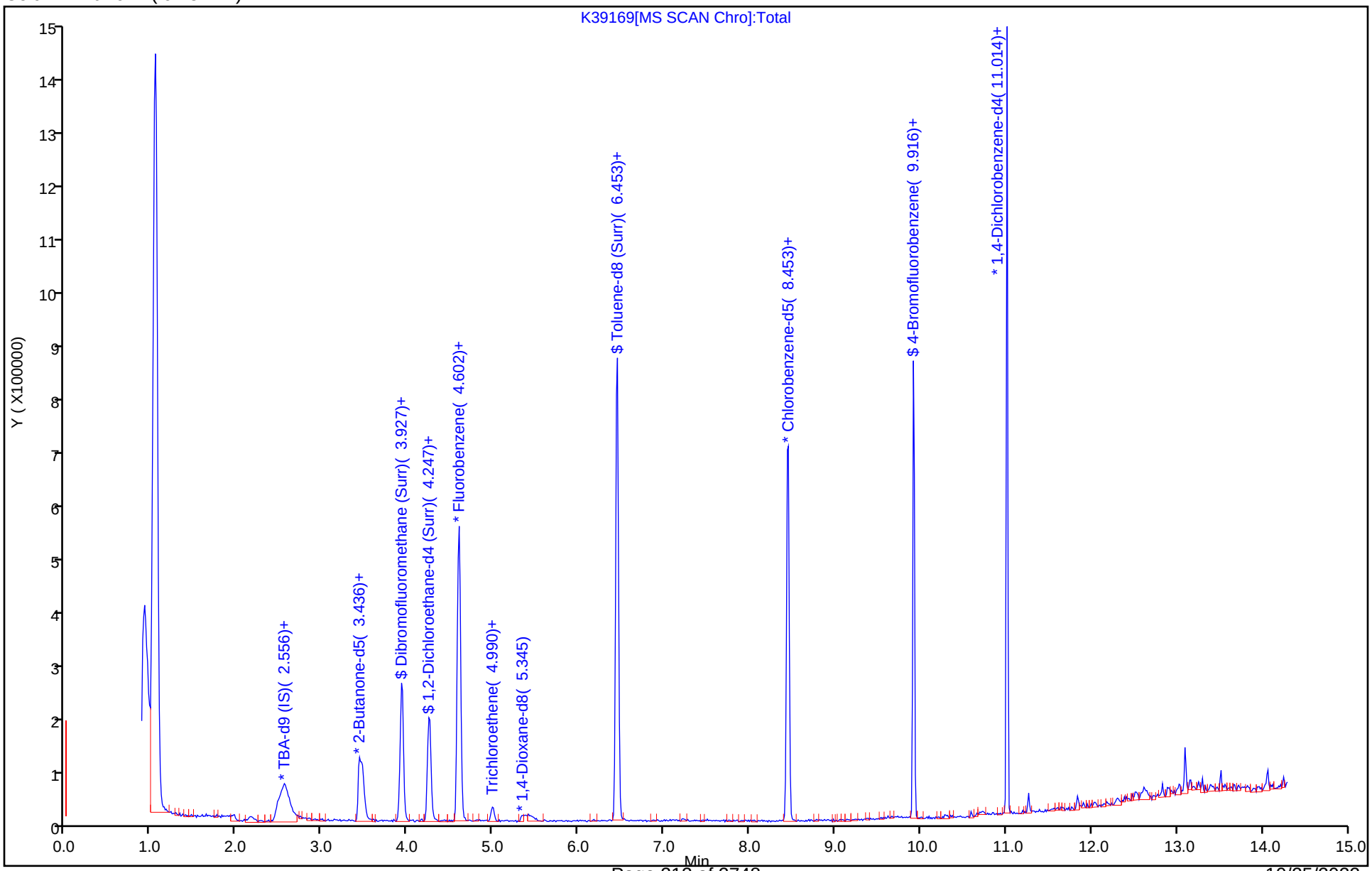
Report Date: 17-Oct-2022 17:49:20 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39169.D

Injection Date:	17-Oct-2022 17:27:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-16-A	Lab Sample ID:	460-267360-16	Worklist Smp#:	23
Client ID:	L3-RI-SB-2B_22-24_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39169.D
Lims ID: 460-267360-C-16-A
Client ID: L3-RI-SB-2B_22-24_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 17:27:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-16-A
Misc. Info.: 460-0151838-023
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:43:02 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

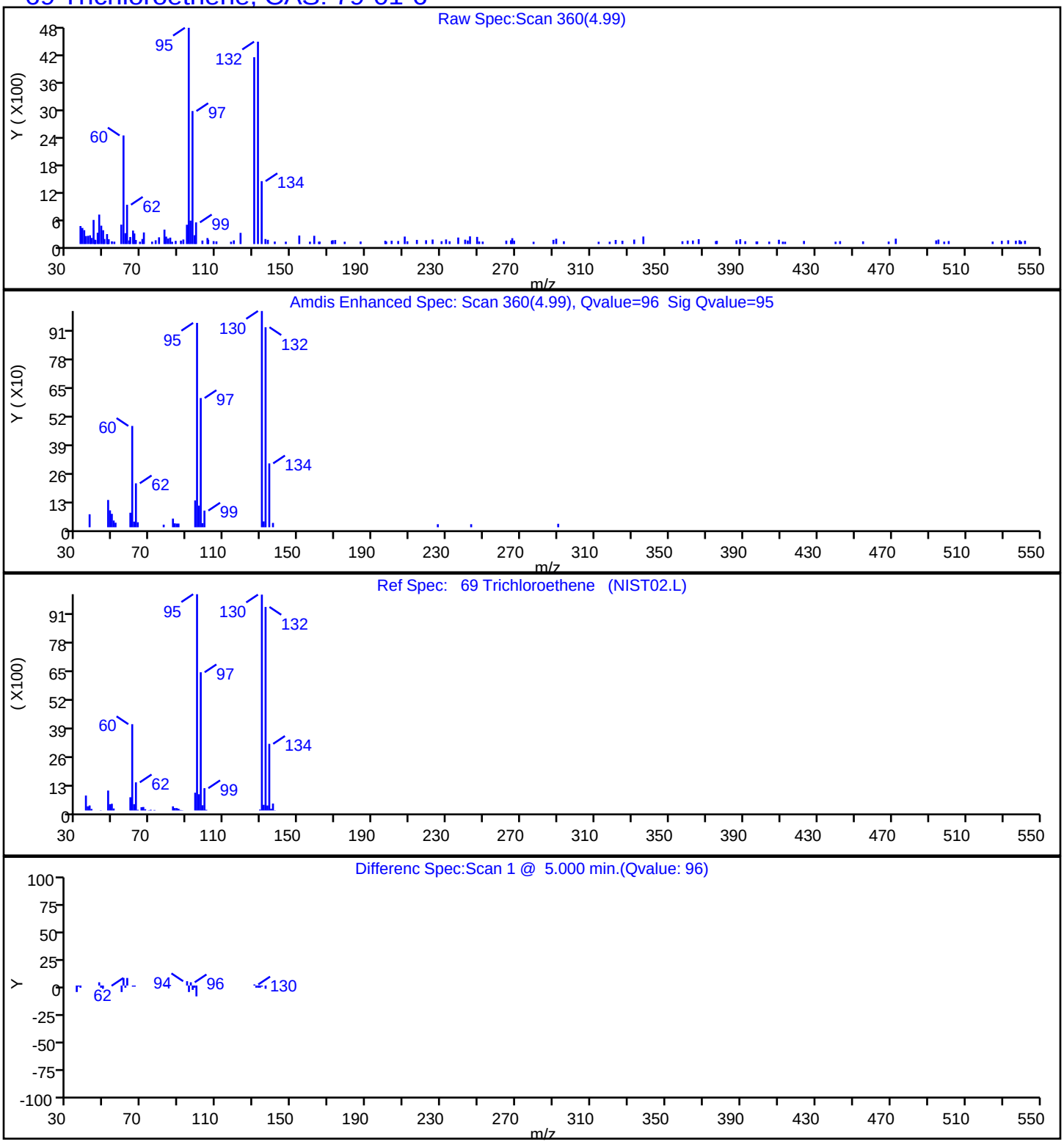
First Level Reviewer: C1JX Date: 17-Oct-2022 17:49:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.6	109.27
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.11
$ 83 Toluene-d8 (Surr)	50.0	47.9	95.89
$ 105 4-Bromofluorobenzene	50.0	48.7	97.44

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39169.D				
Injection Date:	17-Oct-2022 17:27:30	Instrument ID:	CVOAMS9		
Lims ID:	460-267360-C-16-A	Lab Sample ID:	460-267360-16		
Client ID:	L3-RI-SB-2B_22-24_20221012				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

69 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_24-26_20221012 | Lab Sample ID: 460-267360-17

Matrix: Solid | Lab File ID: K39170.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:25

Sample wt/vol: 5.02(g) | Date Analyzed: 10/17/2022 17:49

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.9 % Solids: 95.1 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00022
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00024
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U *	0.0010	0.00041
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00055
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029
124-48-1	Dibromochloromethane	0.0010	U *	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.015		0.0010	0.00034
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	95		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39170.D
Lims ID: 460-267360-C-17-A
Client ID: L3-RI-SB-2B_24-26_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 17:49:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-17-A
Misc. Info.: 460-0151838-024
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:10:29 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 18:30:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.556	2.556	0.000	95	373107	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	98	300115	250.0	
44 cis-1,2-Dichloroethene	96	3.516	3.493	0.023	27	1140	0.2259	M
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.927	0.012	95	212639	54.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.247	4.259	-0.012	0	199537	50.5	
* 66 Fluorobenzene	96	4.601	4.602	-0.001	99	744182	50.0	
69 Trichloroethene	95	4.990	4.990	0.000	97	59203	14.0	
* 73 1,4-Dioxane-d8	96	5.356	5.345	0.011	97	44685	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	745766	48.6	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	501404	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	184477	47.4	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	268299	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

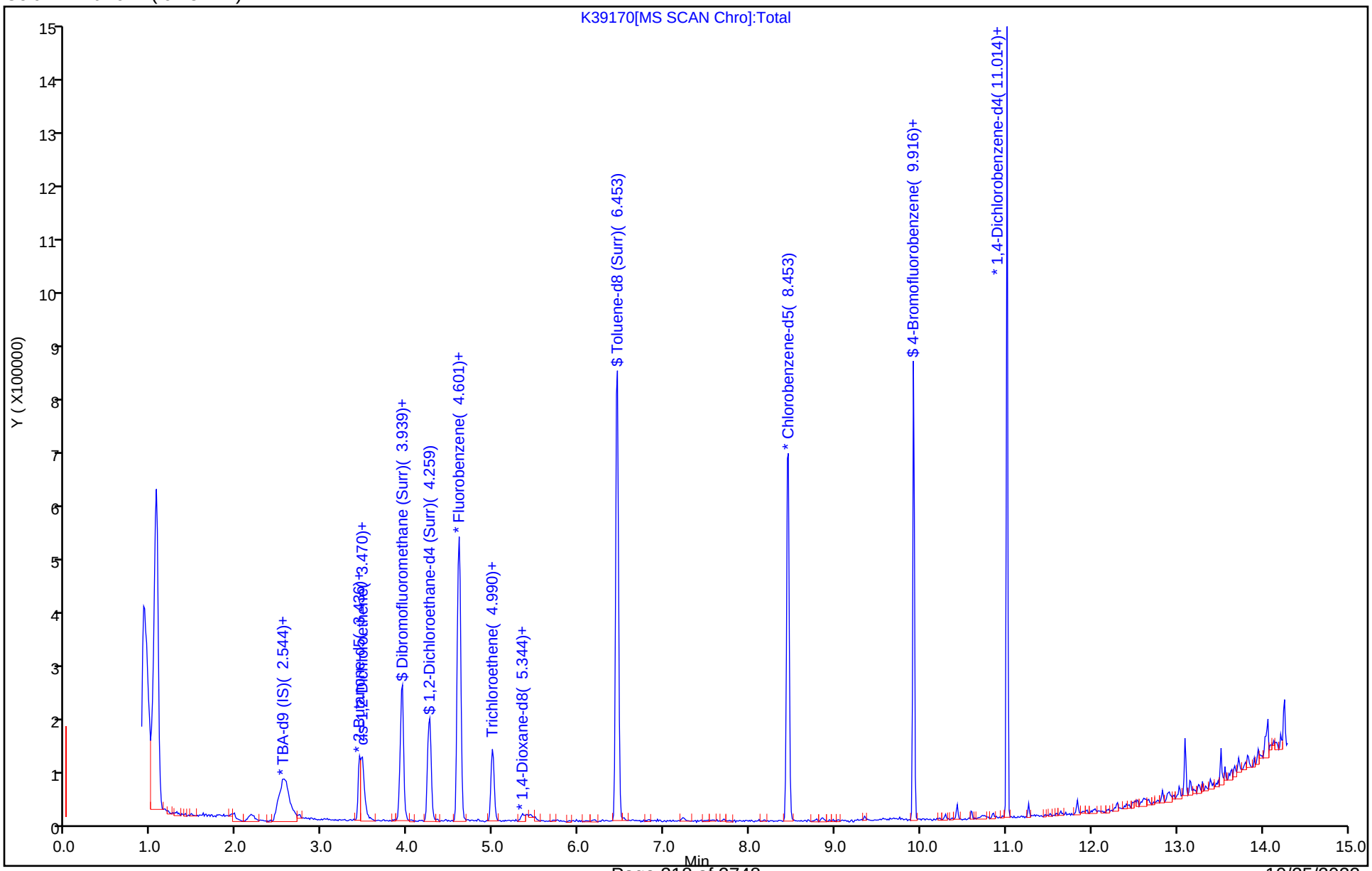
Report Date: 18-Oct-2022 13:10:30 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39170.D

Injection Date:	17-Oct-2022 17:49:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-17-A	Lab Sample ID:	460-267360-17	Worklist Smp#:	24
Client ID:	L3-RI-SB-2B_24-26_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39170.D
Lims ID: 460-267360-C-17-A
Client ID: L3-RI-SB-2B_24-26_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 17:49:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-17-A
Misc. Info.: 460-0151838-024
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:10:29 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 18:30:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.3	108.51
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	101.07
$ 83 Toluene-d8 (Surr)	50.0	48.6	97.19
$ 105 4-Bromofluorobenzene	50.0	47.4	94.89

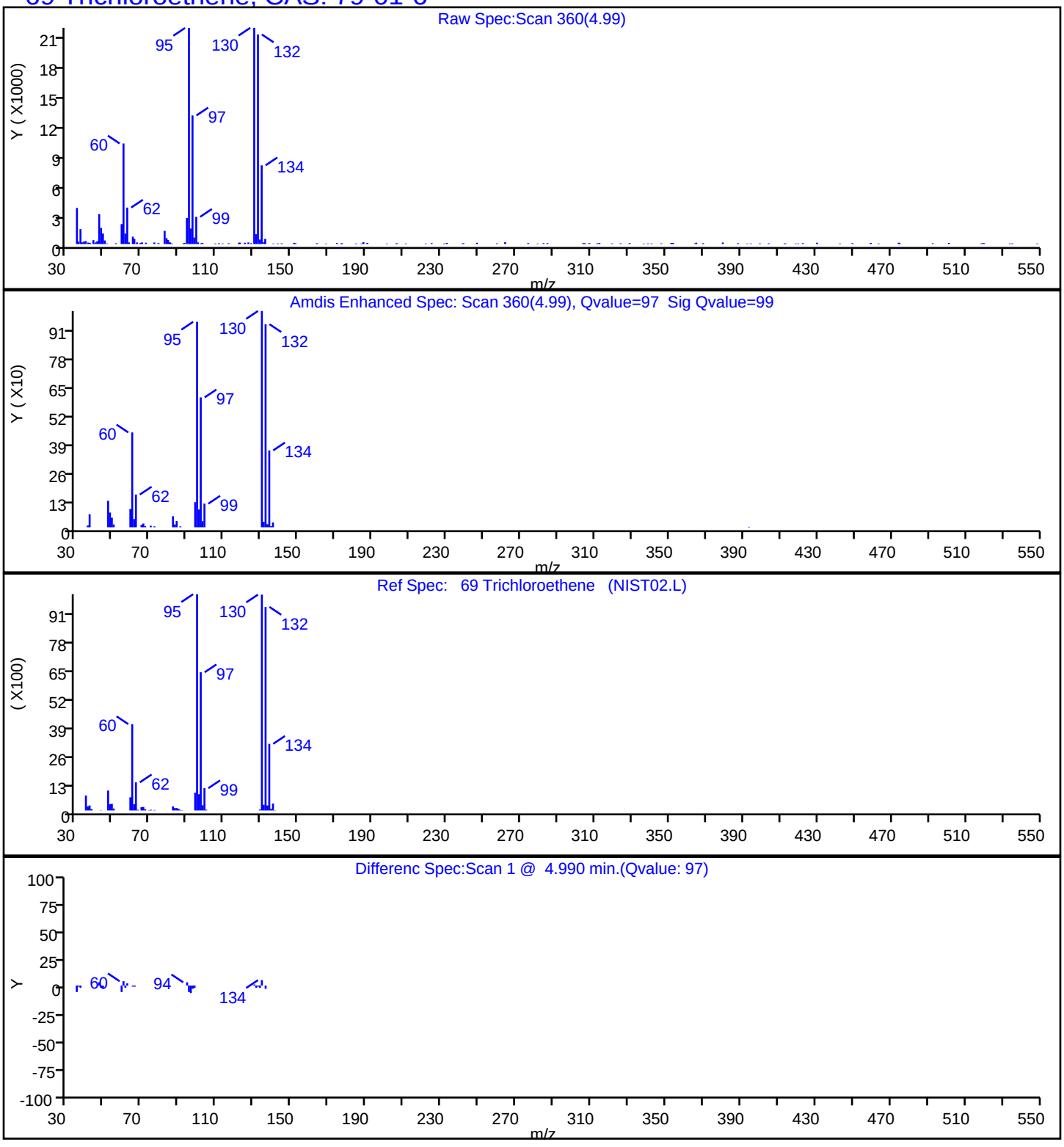
Report Date: 18-Oct-2022 13:10:30 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39170.D

Injection Date:	17-Oct-2022 17:49:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-17-A	Lab Sample ID:	460-267360-17
Client ID:	L3-RI-SB-2B_24-26_20221012		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

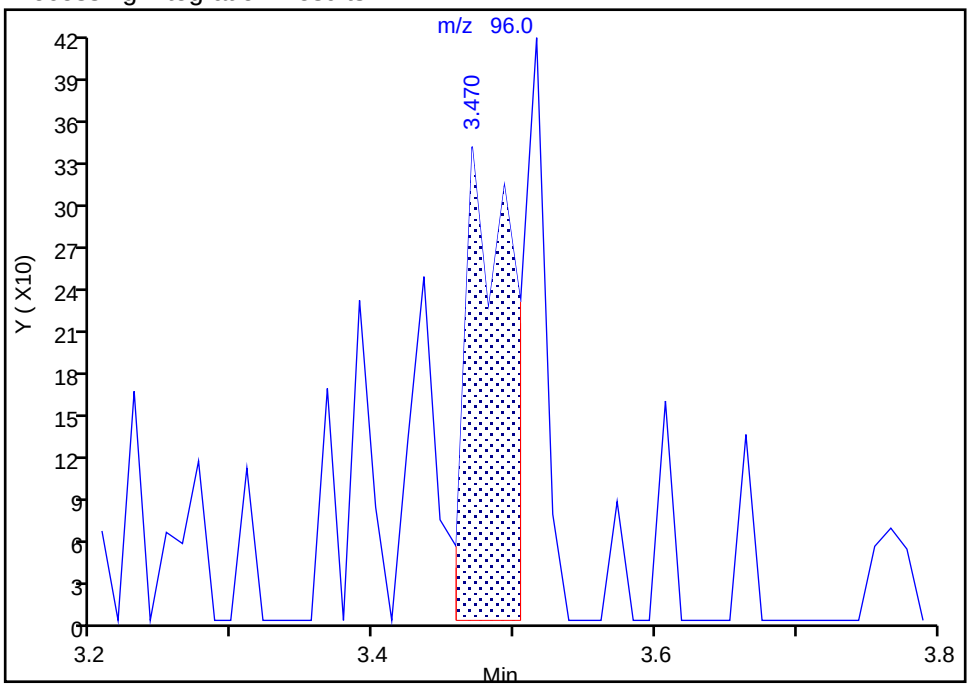
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Injection Date:	17-Oct-2022 17:49:30	Instrument ID:	CVOAMS9		
Lims ID:	460-267360-C-17-A	Lab Sample ID:	460-267360-17		
Client ID:	L3-RI-SB-2B_24-26_20221012				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

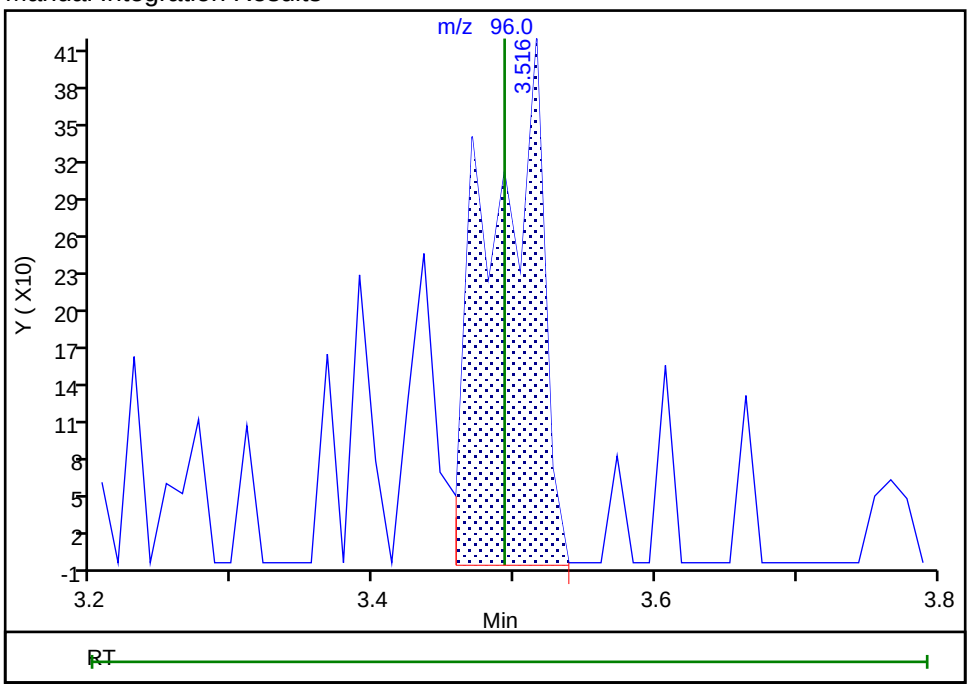
Processing Integration Results

RT: 3.47
Area: 791
Amount: 0.156715
Amount Units: ug/l



Manual Integration Results

RT: 3.52
Area: 1140
Amount: 0.225860
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 13:10:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_26-28_20221012 | Lab Sample ID: 460-267360-18

Matrix: Solid | Lab File ID: K39171.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:30

Sample wt/vol: 4.42(g) | Date Analyzed: 10/17/2022 18:12

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.3 % Solids: 95.7 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U *	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00074	J	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U *	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.14		0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00065

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	103		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39171.D
Lims ID: 460-267360-C-18-A
Client ID: L3-RI-SB-2B_26-28_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 18:12:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-18-A
Misc. Info.: 460-0151838-025
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:11:16 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 18:31:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
8 Vinyl chloride	62	1.344	1.367	-0.023	40	1651	0.2713	7M
31 Methylene Chloride	84	2.464	2.464	0.000	60	2656	0.4999	
* 30 TBA-d9 (IS)	65	2.544	2.556	-0.012	96	338391	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	98	278364	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	86	3216	0.6264	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.927	0.012	95	206040	51.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	204417	50.9	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	756966	50.0	
69 Trichloroethene	95	4.990	4.990	0.000	98	503577	117.0	
* 73 1,4-Dioxane-d8	96	5.356	5.345	0.011	96	37028	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	767354	48.7	
88 Tetrachloroethene	166	7.265	7.265	0.000	53	1055	0.2652	M
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	514398	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	193894	48.6	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	271388	50.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

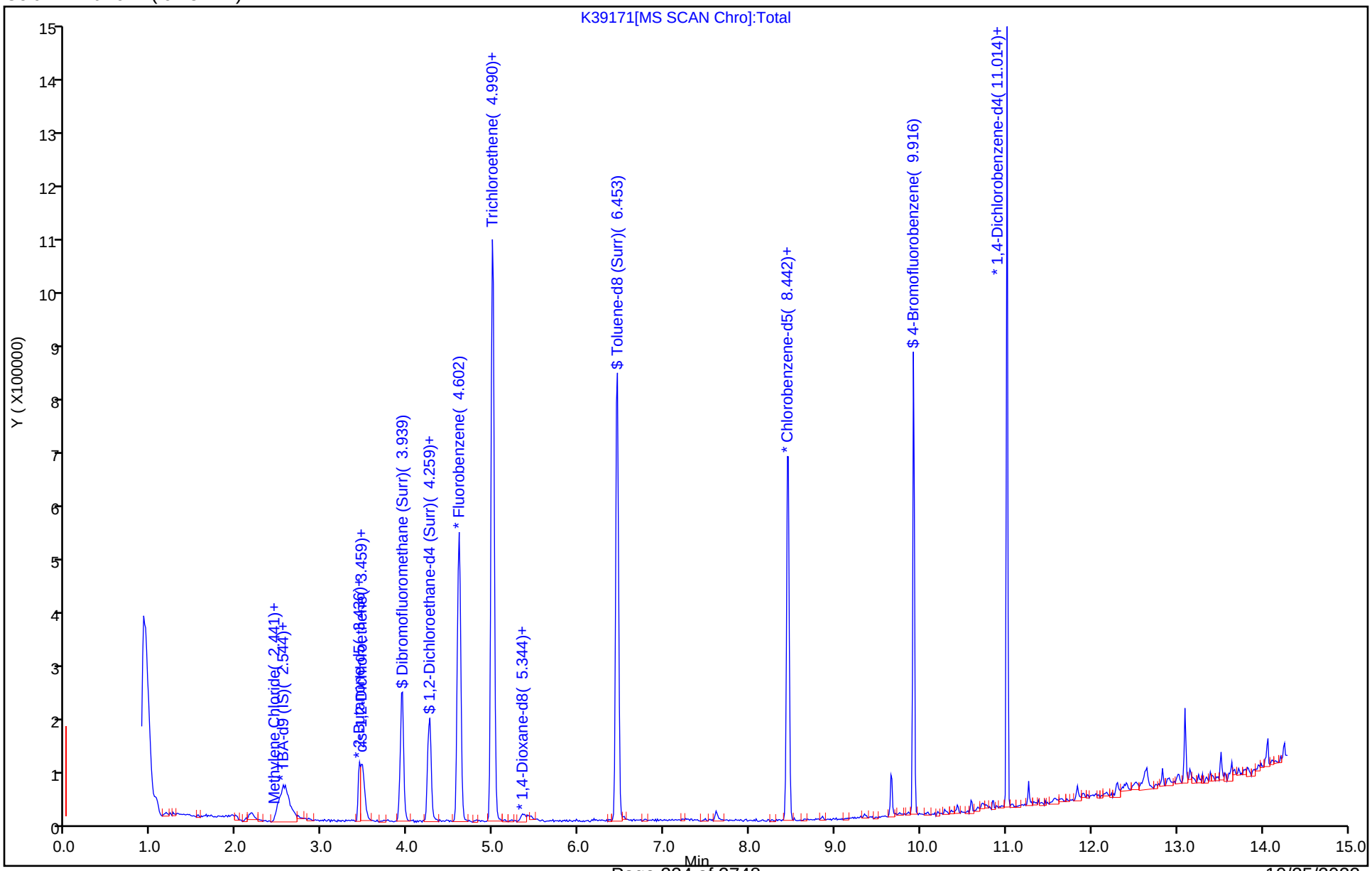
Report Date: 18-Oct-2022 13:11:17 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39171.D

Injection Date:	17-Oct-2022 18:12:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-18-A	Lab Sample ID:	460-267360-18	Worklist Smp#:	25
Client ID:	L3-RI-SB-2B_26-28_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39171.D
Lims ID: 460-267360-C-18-A
Client ID: L3-RI-SB-2B_26-28_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 18:12:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-18-A
Misc. Info.: 460-0151838-025
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:11:16 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

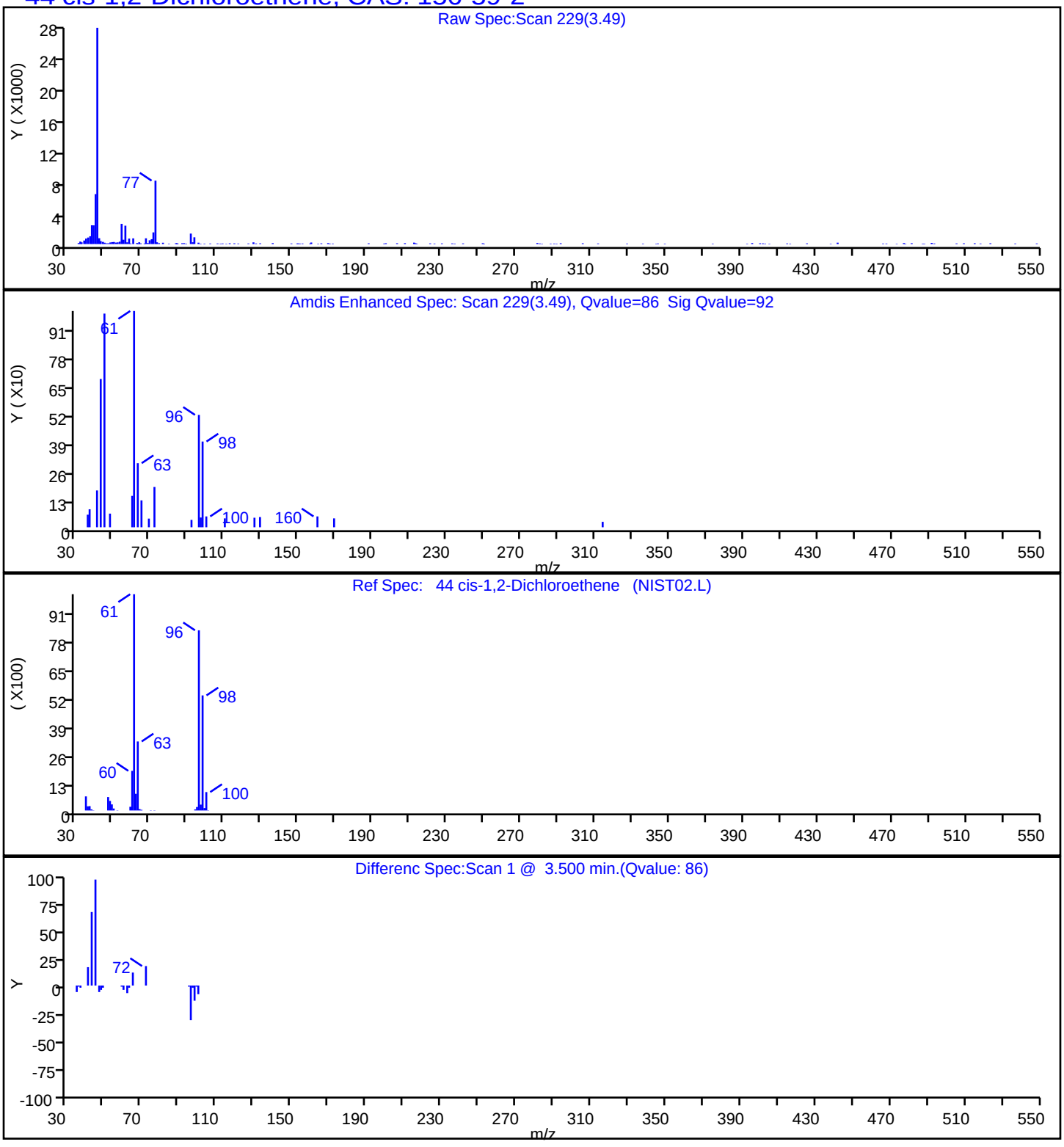
First Level Reviewer: C1JX Date: 17-Oct-2022 18:31:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.7	103.37
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.9	101.79
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.48
$ 105 4-Bromofluorobenzene	50.0	48.6	97.21

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39171.D		
Injection Date:	17-Oct-2022 18:12:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-18-A	Lab Sample ID:	460-267360-18
Client ID:	L3-RI-SB-2B_26-28_20221012		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

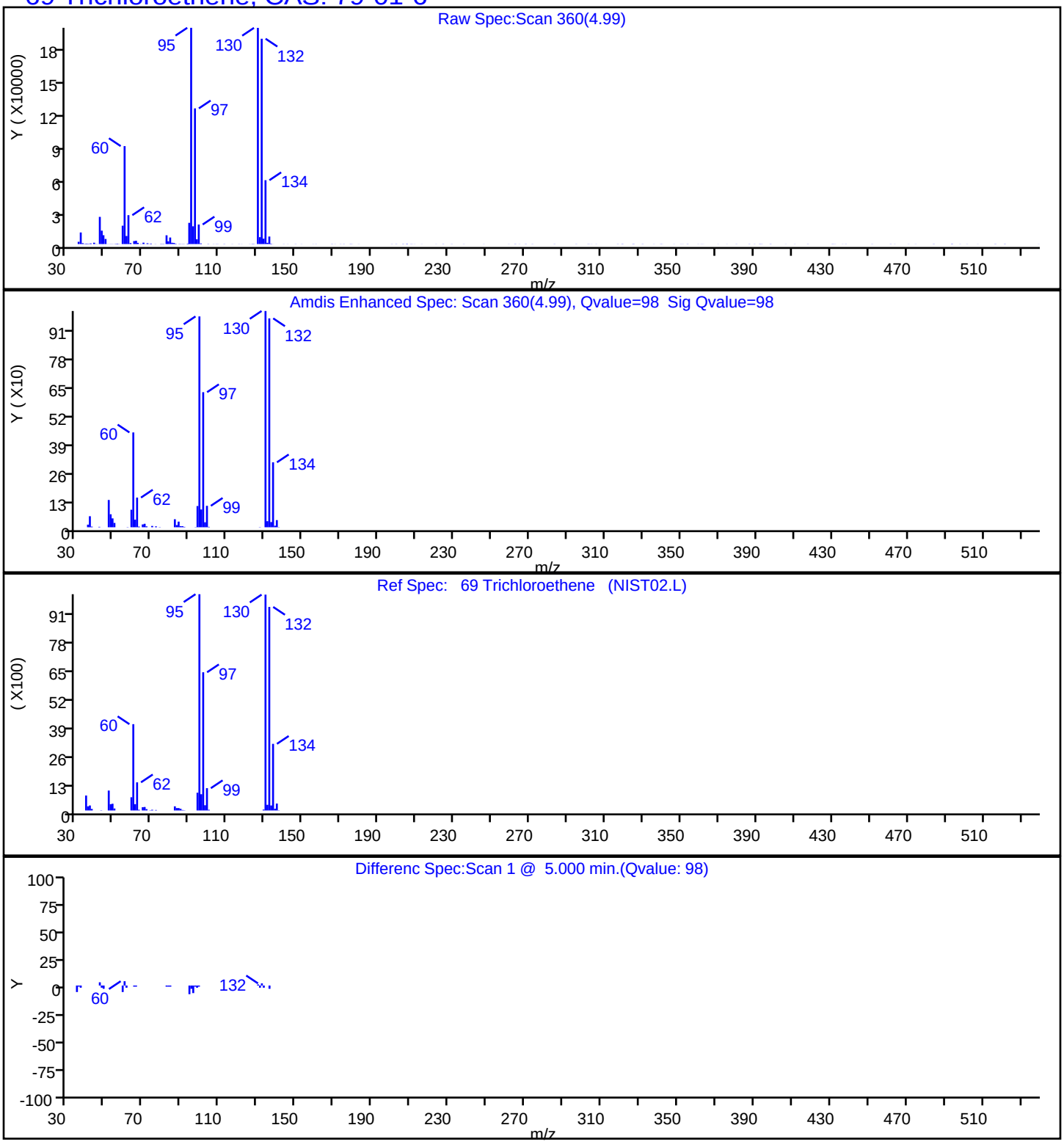
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39171.D		
Injection Date:	17-Oct-2022 18:12:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-18-A	Lab Sample ID:	460-267360-18
Client ID:	L3-RI-SB-2B_26-28_20221012		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

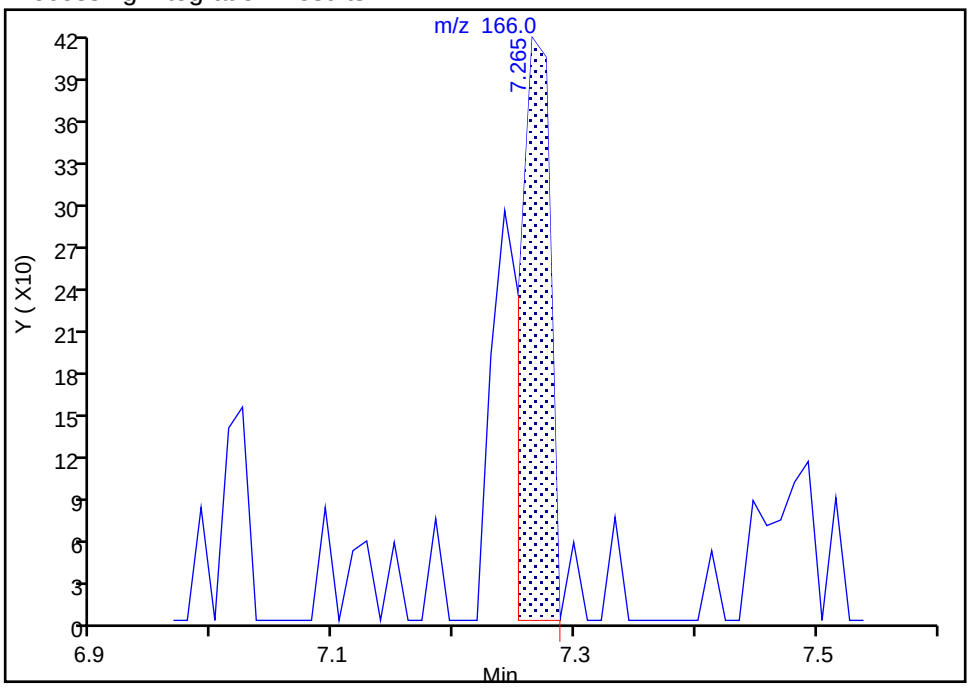
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Injection Date:	17-Oct-2022 18:12:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-18-A	Lab Sample ID:	460-267360-18
Client ID:	L3-RI-SB-2B_26-28_20221012		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Signal: 1

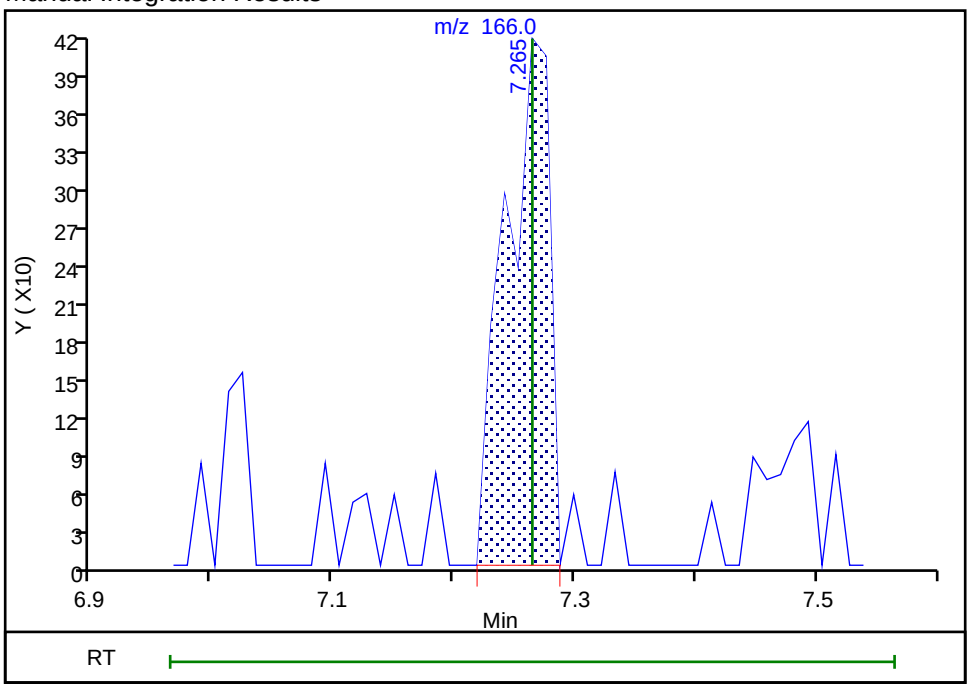
Processing Integration Results

RT: 7.26
Area: 724
Amount: 0.182026
Amount Units: ug/l



Manual Integration Results

RT: 7.26
Area: 1055
Amount: 0.265245
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 13:11:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

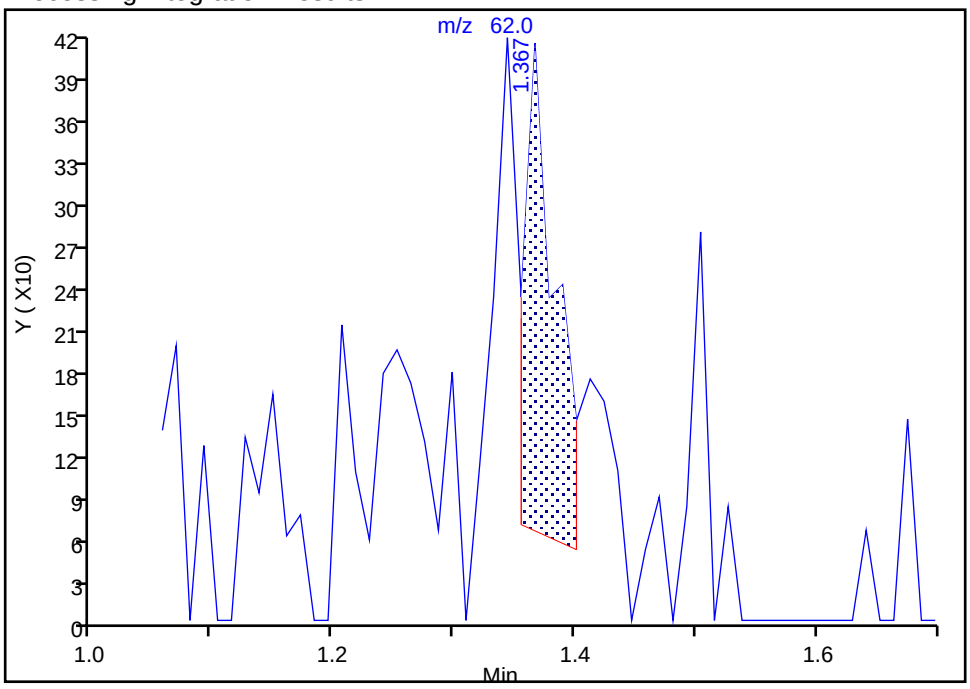
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39171.D				
Injection Date:	17-Oct-2022 18:12:30	Instrument ID:	CVOAMS9		
Lims ID:	460-267360-C-18-A	Lab Sample ID:	460-267360-18		
Client ID:	L3-RI-SB-2B_26-28_20221012				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

8 Vinyl chloride, CAS: 75-01-4

Signal: 1

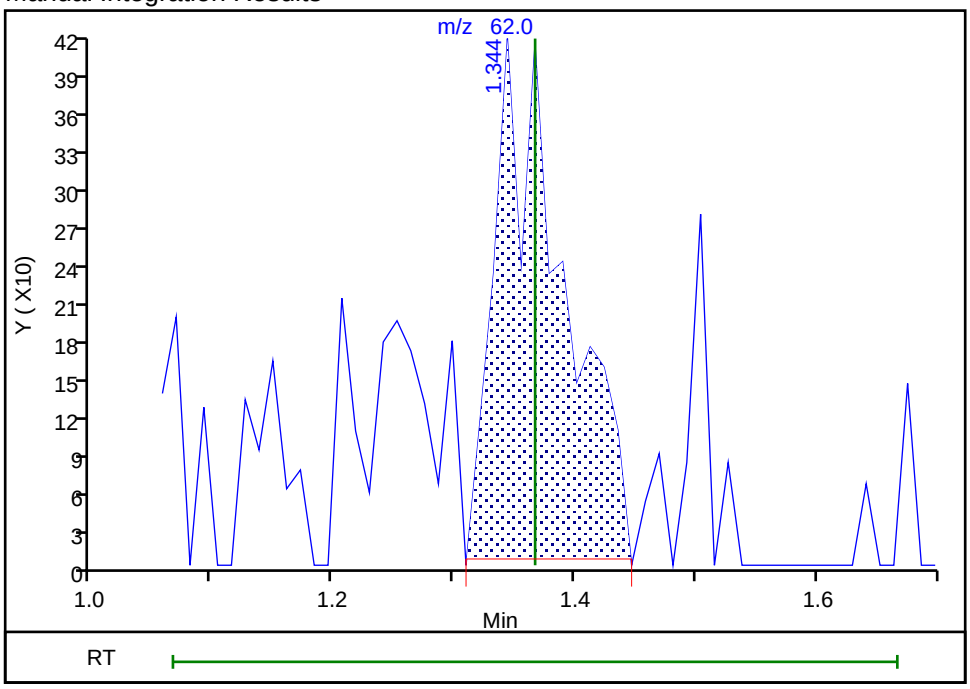
Processing Integration Results

RT: 1.37
Area: 663
Amount: 0.108945
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 1651
Amount: 0.271294
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 13:10:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_28-30_20221012 | Lab Sample ID: 460-267360-19

Matrix: Solid | Lab File ID: K39172.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:35

Sample wt/vol: 3.88(g) | Date Analyzed: 10/17/2022 18:34

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.8 % Solids: 97.2 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	U *	0.0013	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00028
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00024
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00027
75-35-4	1,1-Dichloroethene	0.0013	U	0.0013	0.00030
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00039
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00056
75-27-4	Bromodichloromethane	0.0013	U	0.0013	0.00034
56-23-5	Carbon tetrachloride	0.0013	U *	0.0013	0.00051
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00023
75-00-3	Chloroethane	0.0013	U	0.0013	0.00069
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
74-87-3	Chloromethane	0.0013	U	0.0013	0.00058
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036
124-48-1	Dibromochloromethane	0.0013	U *	0.0013	0.00026
75-09-2	Methylene Chloride	0.0027	U	0.0027	0.0015
127-18-4	Tetrachloroethene	0.0013	U	0.0013	0.00040
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
79-01-6	Trichloroethene	0.00046	J	0.0013	0.00043
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00072

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	111		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39172.D
Lims ID: 460-267360-C-19-A
Client ID: L3-RI-SB-2B_28-30_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 18:34:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-19-A
Misc. Info.: 460-0151838-026
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:11:42 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 18:54:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.556	2.556	0.000	96	364190	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	98	284858	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.927	0.012	95	216612	55.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	204128	52.0	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	740349	50.0	
69 Trichloroethene	95	5.002	4.990	0.012	48	1454	0.3455	Ma
* 73 1,4-Dioxane-d8	96	5.356	5.345	0.011	95	41782	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	100	769650	47.4	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	531049	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	207661	50.4	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	300016	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

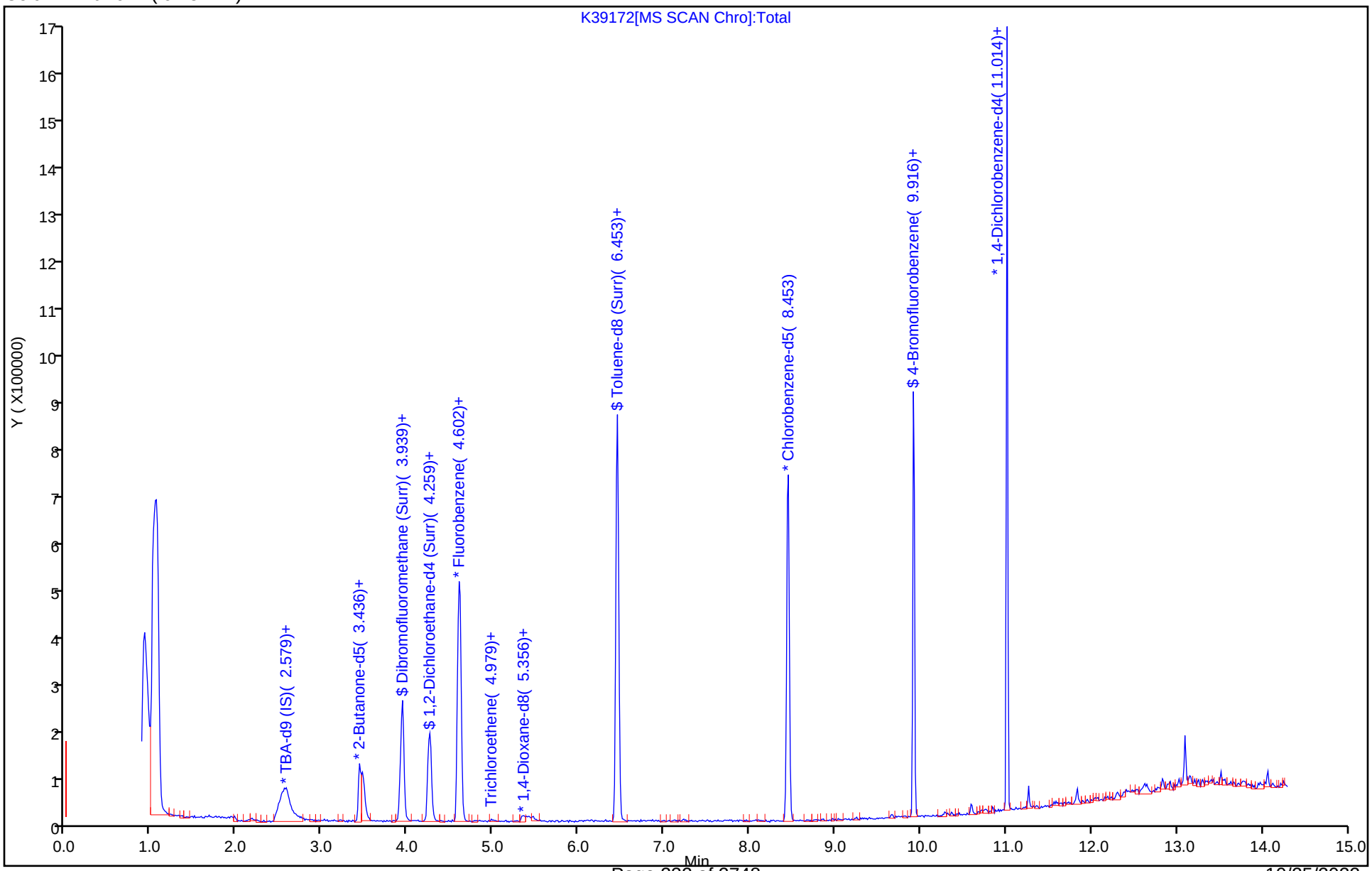
Report Date: 18-Oct-2022 13:11:43 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39172.D

Injection Date:	17-Oct-2022 18:34:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-19-A	Lab Sample ID:	460-267360-19	Worklist Smp#:	26
Client ID:	L3-RI-SB-2B_28-30_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39172.D
Lims ID: 460-267360-C-19-A
Client ID: L3-RI-SB-2B_28-30_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 18:34:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-19-A
Misc. Info.: 460-0151838-026
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:11:42 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 18:54:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.6	111.11
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.0	103.93
$ 83 Toluene-d8 (Surr)	50.0	47.4	94.71
$ 105 4-Bromofluorobenzene	50.0	50.4	100.85

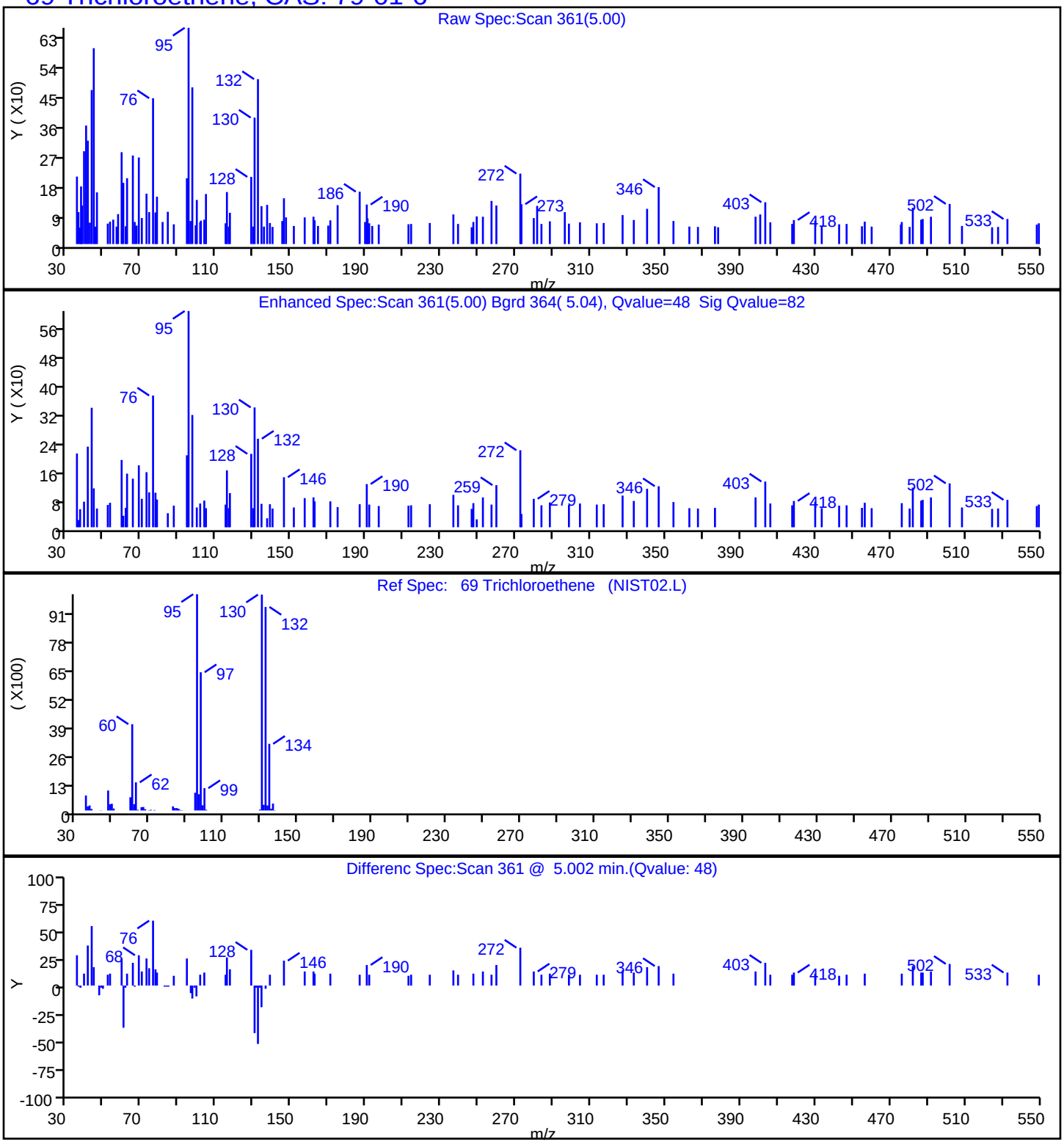
Report Date: 18-Oct-2022 13:11:43 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39172.D

Injection Date:	17-Oct-2022 18:34:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-19-A	Lab Sample ID:	460-267360-19
Client ID:	L3-RI-SB-2B_28-30_20221012		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

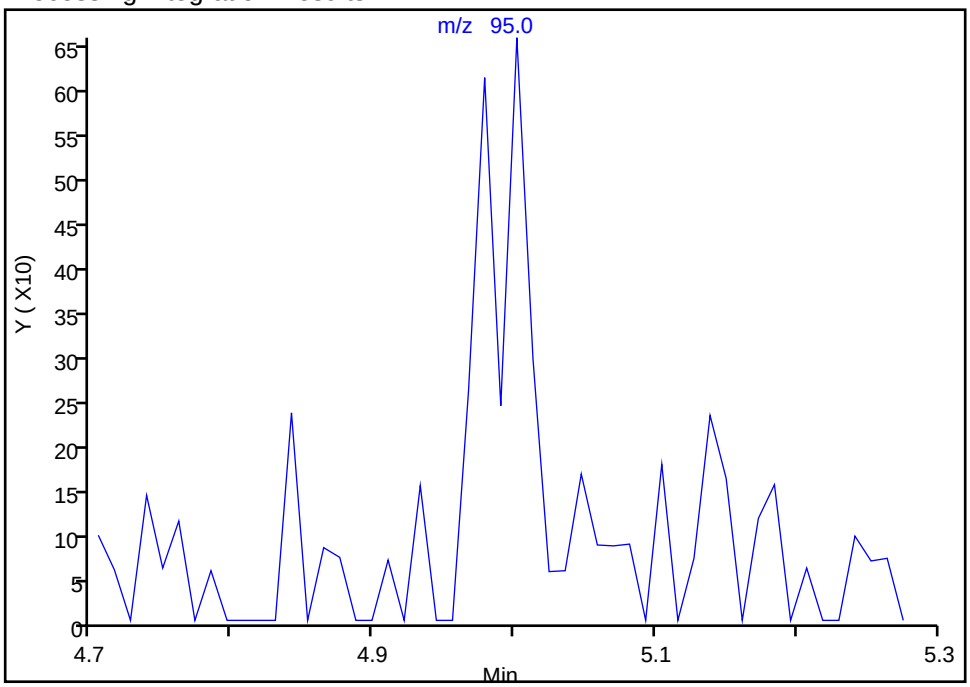
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Injection Date:	17-Oct-2022 18:34:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-19-A	Lab Sample ID:	460-267360-19
Client ID:	L3-RI-SB-2B_28-30_20221012		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6

Signal: 1

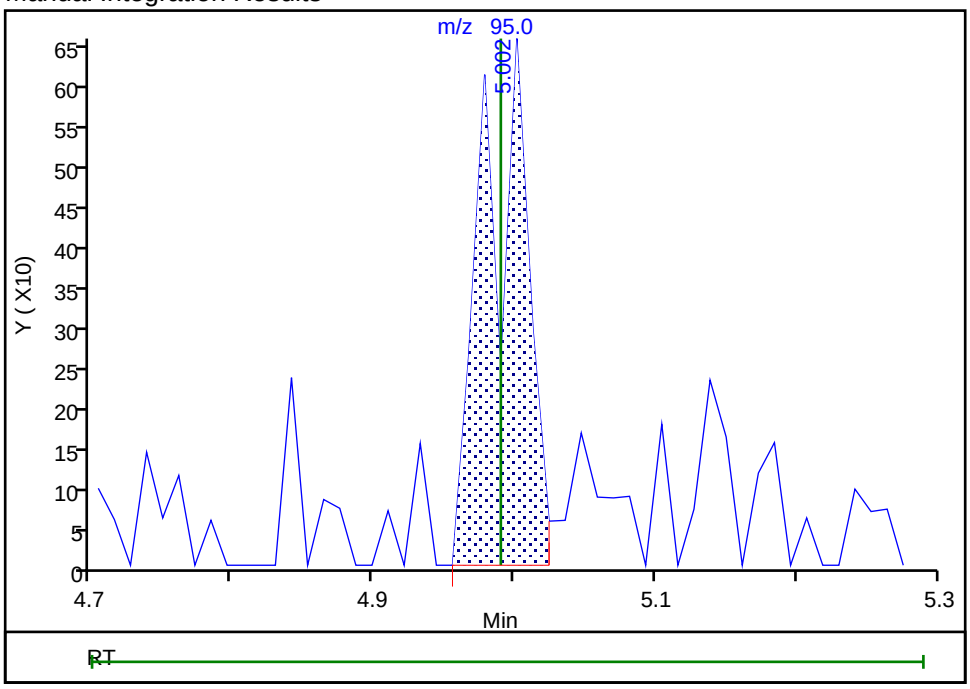
Not Detected
Expected RT: 4.99

Processing Integration Results



Manual Integration Results

RT: 5.00
Area: 1454
Amount: 0.345520
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 13:11:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_30-32_20221012 | Lab Sample ID: 460-267360-20

Matrix: Solid | Lab File ID: K39173.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:40

Sample wt/vol: 4.51(g) | Date Analyzed: 10/17/2022 18:56

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.5 % Solids: 95.5 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00026
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00034
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00049
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U *	0.0012	0.00045
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00061
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U *	0.0012	0.00023
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.017		0.0012	0.00037
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00063

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	111		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39173.D
Lims ID: 460-267360-C-20-A
Client ID: L3-RI-SB-2B_30-32_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 18:56:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-20-A
Misc. Info.: 460-0151838-027
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:33:30 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 19:38:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.567	2.556	0.011	96	384207	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	99	289077	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.938	3.927	0.011	96	222705	55.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	-0.001	0	207461	51.1	
* 66 Fluorobenzene	96	4.601	4.602	-0.001	99	764832	50.0	
69 Trichloroethene	95	5.001	4.990	0.011	98	62083	14.3	
* 73 1,4-Dioxane-d8	96	5.344	5.345	-0.001	95	41399	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	100	787540	47.3	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	544181	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	203795	48.3	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.014	-0.001	96	297093	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

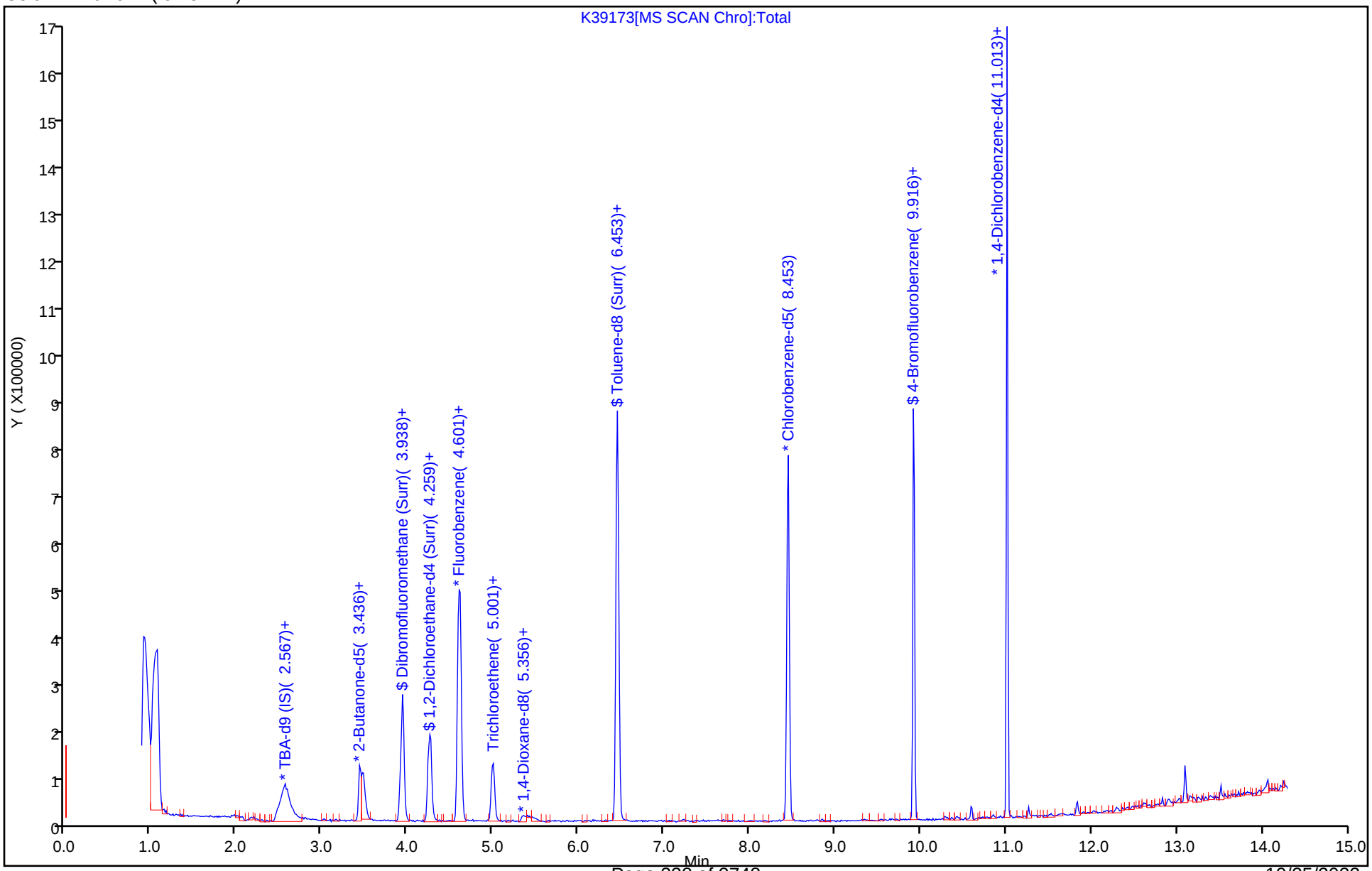
Report Date: 17-Oct-2022 19:38:40 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39173.D

Injection Date:	17-Oct-2022 18:56:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-20-A	Lab Sample ID:	460-267360-20	Worklist Smp#:	27
Client ID:	L3-RI-SB-2B_30-32_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39173.D
Lims ID: 460-267360-C-20-A
Client ID: L3-RI-SB-2B_30-32_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 18:56:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-20-A
Misc. Info.: 460-0151838-027
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:33:30 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 19:38:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.3	110.58
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.25
$ 83 Toluene-d8 (Surr)	50.0	47.3	94.57
$ 105 4-Bromofluorobenzene	50.0	48.3	96.58

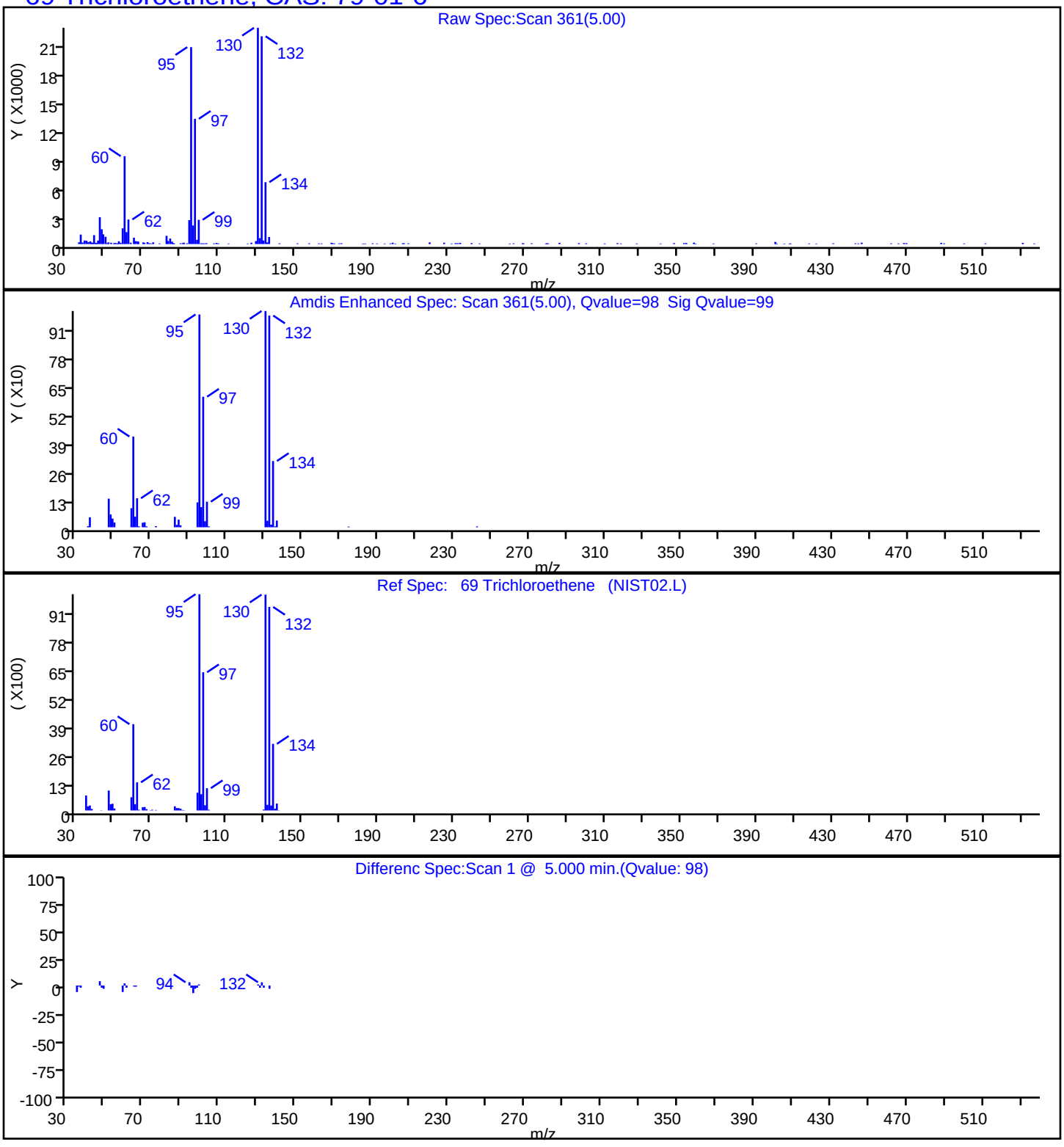
Report Date: 17-Oct-2022 19:38:40 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39173.D

Injection Date:	17-Oct-2022 18:56:30	Instrument ID:	CVOAMS9
Lims ID:	460-267360-C-20-A	Lab Sample ID:	460-267360-20
Client ID:	L3-RI-SB-2B_30-32_20221012		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_32-34_20221012 | Lab Sample ID: 460-267360-21

Matrix: Solid | Lab File ID: K39174.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:45

Sample wt/vol: 4.44(g) | Date Analyzed: 10/17/2022 19:18

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.5 % Solids: 95.5 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U *	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U *	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	108		73-139
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39174.D
Lims ID: 460-267360-C-21-A
Client ID: L3-RI-SB-2B_32-34_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 19:18:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-21-A
Misc. Info.: 460-0151838-028
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:33:30 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 19:39:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.567	2.556	0.011	96	302829	1000.0	
* 42 2-Butanone-d5	46	3.436	3.459	-0.023	97	249935	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.927	3.927	0.000	94	204597	53.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.247	4.259	-0.012	0	189451	49.6	
* 66 Fluorobenzene	96	4.601	4.602	-0.001	99	720195	50.0	
69 Trichloroethene	95	5.001	4.990	0.011	47	903	0.2206	
* 73 1,4-Dioxane-d8	96	5.344	5.345	-0.001	97	32546	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	747802	46.1	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	529742	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	197477	48.1	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	94	286373	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

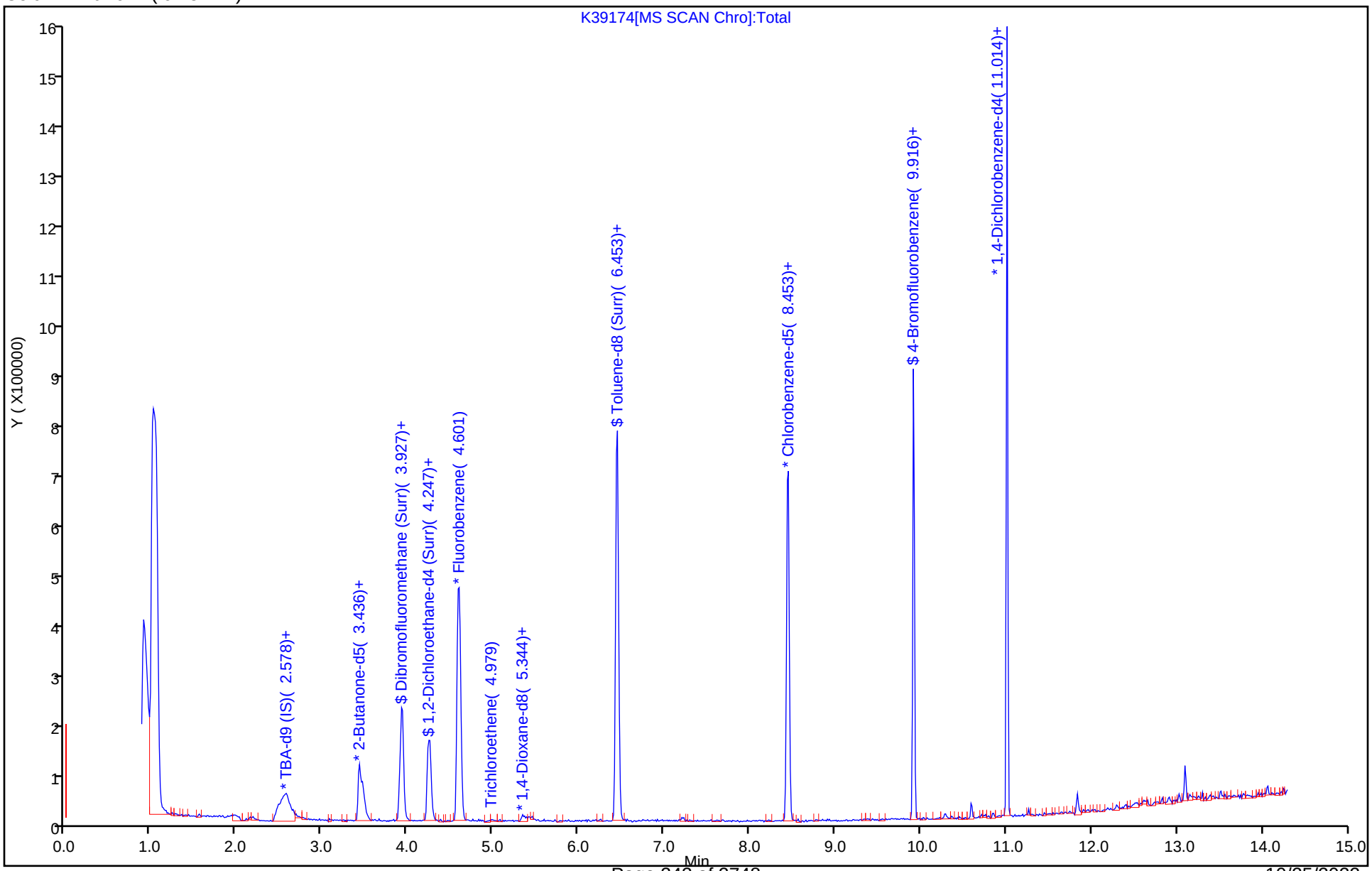
Report Date: 17-Oct-2022 19:39:02 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39174.D

Injection Date:	17-Oct-2022 19:18:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-267360-C-21-A	Lab Sample ID:	460-267360-21	Worklist Smp#:	28
Client ID:	L3-RI-SB-2B_32-34_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39174.D
Lims ID: 460-267360-C-21-A
Client ID: L3-RI-SB-2B_32-34_20221012
Sample Type: Client
Inject. Date: 17-Oct-2022 19:18:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-C-21-A
Misc. Info.: 460-0151838-028
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 17:33:30 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 19:39:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.9	107.89
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.6	99.16
$ 83 Toluene-d8 (Surr)	50.0	46.1	92.25
$ 105 4-Bromofluorobenzene	50.0	48.1	96.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-FB-01_20221012 | Lab Sample ID: 460-267360-22

Matrix: Water | Lab File ID: O82707.d

Analysis Method: 8260D | Date Collected: 10/12/2022 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/14/2022 03:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82707.d
Lims ID: 460-267360-A-22
Client ID: FB1_20221012
Sample Type: Client
Inject. Date: 14-Oct-2022 03:14:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-A-22
Misc. Info.: 460-0151704-014
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 07:51:15 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 09:59:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	98	103320	1000.0	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	103948	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	107633	46.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.356	3.345	0.011	0	105370	45.7	
* 65 Fluorobenzene	96	3.664	3.653	0.011	99	455952	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	24134	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	467228	49.0	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	379004	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	89	139245	47.5	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	95	185730	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00231 Amount Added: 1.00 Units: uL Run Reagent

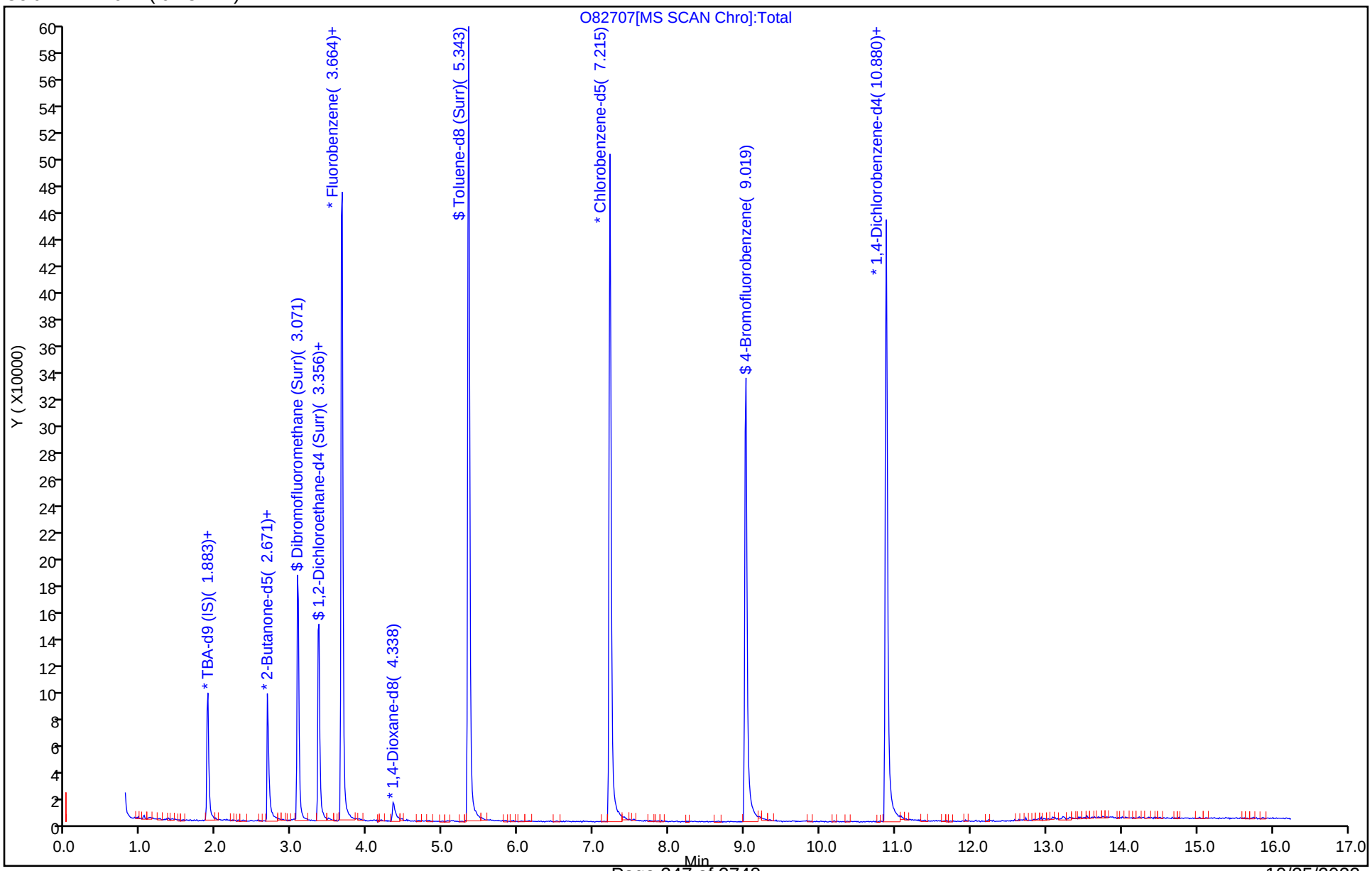
Report Date: 14-Oct-2022 09:59:37 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82707.d

Injection Date:	14-Oct-2022 03:14:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-267360-A-22	Lab Sample ID:	460-267360-22	Worklist Smp#:	14
Client ID:	FB1_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82707.d
Lims ID: 460-267360-A-22
Client ID: FB1_20221012
Sample Type: Client
Inject. Date: 14-Oct-2022 03:14:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-A-22
Misc. Info.: 460-0151704-014
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 07:51:15 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 09:59:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	46.6	93.21
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.7	91.49
$ 83 Toluene-d8 (Surr)	50.0	49.0	98.06
$ 105 4-Bromofluorobenzene	50.0	47.5	94.91

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-TB-01_20221012 | Lab Sample ID: 460-267360-23

Matrix: Water | Lab File ID: O82717.d

Analysis Method: 8260D | Date Collected: 10/12/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/14/2022 07:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	86		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82717.d
Lims ID: 460-267360-A-23
Client ID: TB1_20221012
Sample Type: Client
Inject. Date: 14-Oct-2022 07:26:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-A-23
Misc. Info.: 460-0151704-024
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 10:00:57 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 10:02:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	127061	1000.0	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	121883	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	111463	45.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.356	3.345	0.011	0	111050	45.7	
* 65 Fluorobenzene	96	3.664	3.653	0.011	100	481099	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	27851	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	-0.001	99	474128	46.6	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	404312	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	134314	42.9	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	95	196298	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00231 Amount Added: 1.00 Units: uL Run Reagent

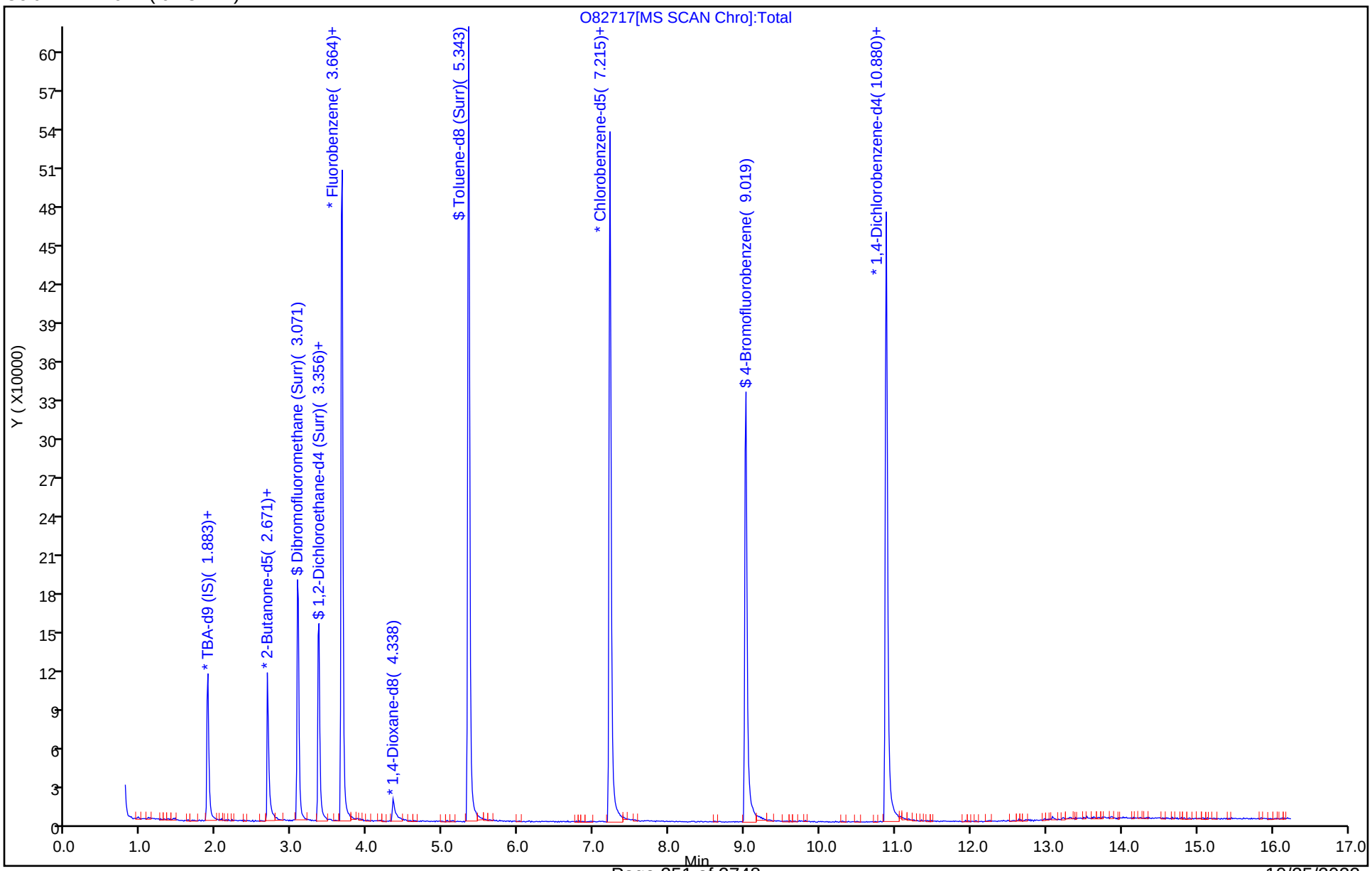
Report Date: 14-Oct-2022 10:02:54 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82717.d

Injection Date:	14-Oct-2022 07:26:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-267360-A-23	Lab Sample ID:	460-267360-23	Worklist Smp#:	24
Client ID:	TB1_20221012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82717.d
Lims ID: 460-267360-A-23
Client ID: TB1_20221012
Sample Type: Client
Inject. Date: 14-Oct-2022 07:26:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-A-23
Misc. Info.: 460-0151704-024
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 10:00:57 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 10:02:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.7	91.49
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.7	91.38
$ 83 Toluene-d8 (Surr)	50.0	46.6	93.28
$ 105 4-Bromofluorobenzene	50.0	42.9	85.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_5-6_20221013 | Lab Sample ID: 460-267458-1

Matrix: Solid | Lab File ID: O82920.d

Analysis Method: 8260D | Date Collected: 10/13/2022 11:10

Sample wt/vol: 4.00(g) | Date Analyzed: 10/19/2022 01:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: 5.6 % Solids: 94.4 | Level: (low/med) Medium

Analysis Batch No.: 872711 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	0.14	0.038
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.027
79-00-5	1,1,2-Trichloroethane	0.14	U	0.14	0.028
75-34-3	1,1-Dichloroethane	0.14	U	0.14	0.033
75-35-4	1,1-Dichloroethene	0.14	U *	0.14	0.036
107-06-2	1,2-Dichloroethane	0.14	U	0.14	0.034
78-87-5	1,2-Dichloropropane	0.14	U	0.14	0.024
75-27-4	Bromodichloromethane	0.14	U	0.14	0.020
56-23-5	Carbon tetrachloride	0.14	U	0.14	0.045
108-90-7	Chlorobenzene	0.14	U	0.14	0.033
75-00-3	Chloroethane	0.14	U	0.14	0.050
67-66-3	Chloroform	0.14	U	0.14	0.030
74-87-3	Chloromethane	0.14	U	0.14	0.054
156-59-2	cis-1,2-Dichloroethene	0.088	J	0.14	0.035
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.14	0.030
124-48-1	Dibromochloromethane	0.14	U	0.14	0.030
75-09-2	Methylene Chloride	0.14	U *	0.14	0.028
127-18-4	Tetrachloroethene	0.25		0.14	0.049
156-60-5	trans-1,2-Dichloroethene	0.14	U	0.14	0.024
10061-02-6	trans-1,3-Dichloropropene	0.14	U	0.14	0.030
79-01-6	Trichloroethene	37		0.14	0.030
75-01-4	Vinyl chloride	0.14	U	0.14	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		68-150
460-00-4	Bromofluorobenzene	89		70-150
1868-53-7	Dibromofluoromethane (Surr)	73		68-150
2037-26-5	Toluene-d8 (Surr)	109		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82920.d
Lims ID: 460-267458-B-1-A
Client ID: L3-PP-SB-1_5-6_20221013
Sample Type: Client
Inject. Date: 19-Oct-2022 01:48:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267458-B-1-A
Misc. Info.: 460-0151922-013
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 14:53:06 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: NN6A Date: 19-Oct-2022 14:53:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	1.917	1.883	0.034	100	142332	1000.0	M
* 43 2-Butanone-d5	46	2.682	2.671	0.011	100	145159	250.0	
45 cis-1,2-Dichloroethene	96	2.705	2.694	0.011	27	1747	0.6492	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	82390	35.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	120174	52.1	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	456896	50.0	
67 Trichloroethene	95	4.007	4.007	0.000	97	758603	271.3	
* 72 1,4-Dioxane-d8	96	4.429	4.327	0.102	0	32811	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	565769	53.3	
88 Tetrachloroethene	166	6.107	6.096	0.011	88	5247	1.85	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	422030	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	89	142461	43.6	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	95	208463	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

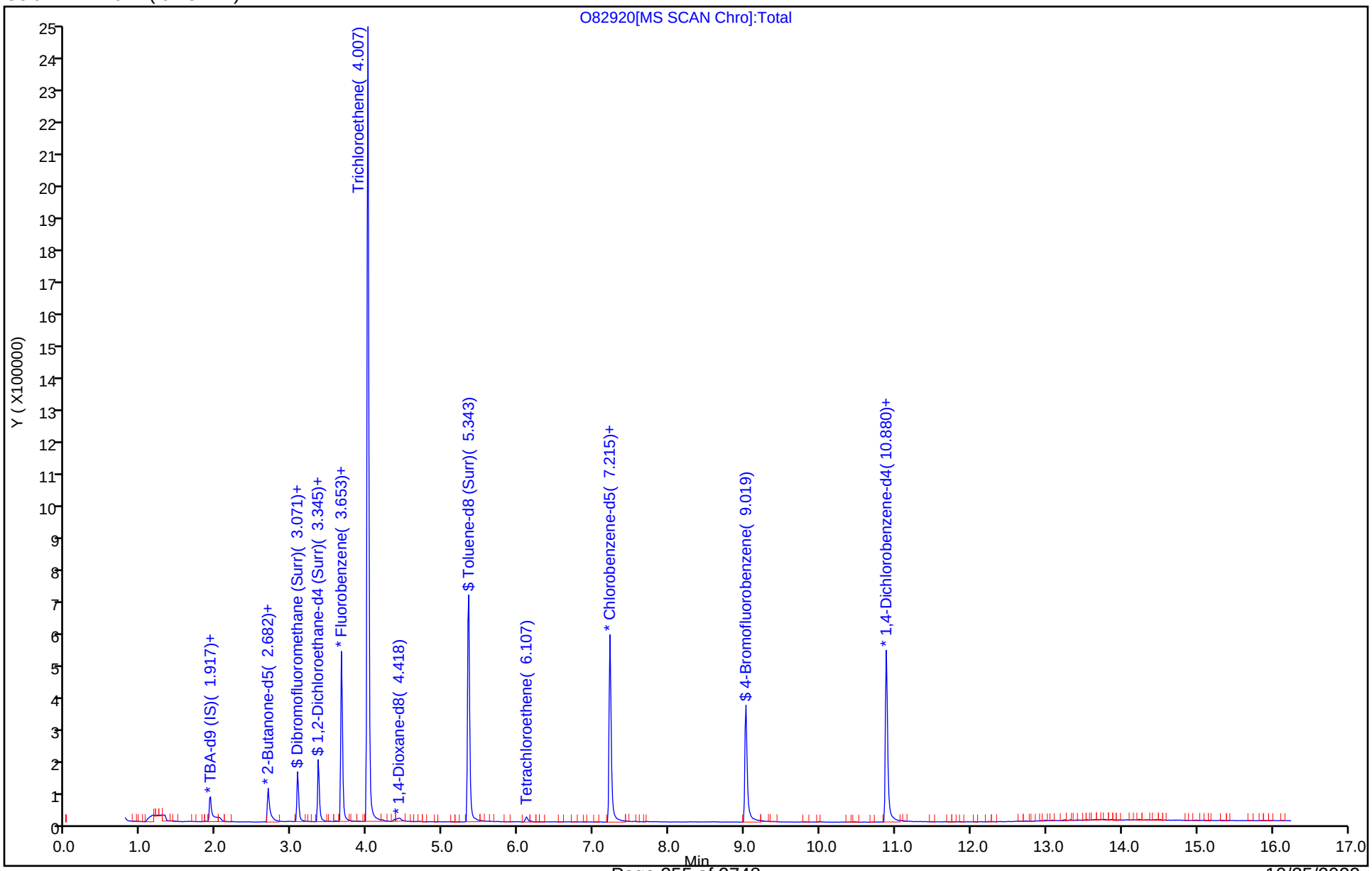
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82920.d

Injection Date:	19-Oct-2022 01:48:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-267458-B-1-A	Lab Sample ID:	460-267458-1	Worklist Smp#:	13
Client ID:	L3-PP-SB-1_5-6_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	12
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82920.d
Lims ID: 460-267458-B-1-A
Client ID: L3-PP-SB-1_5-6_20221013
Sample Type: Client
Inject. Date: 19-Oct-2022 01:48:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267458-B-1-A
Misc. Info.: 460-0151922-013
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 14:53:06 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

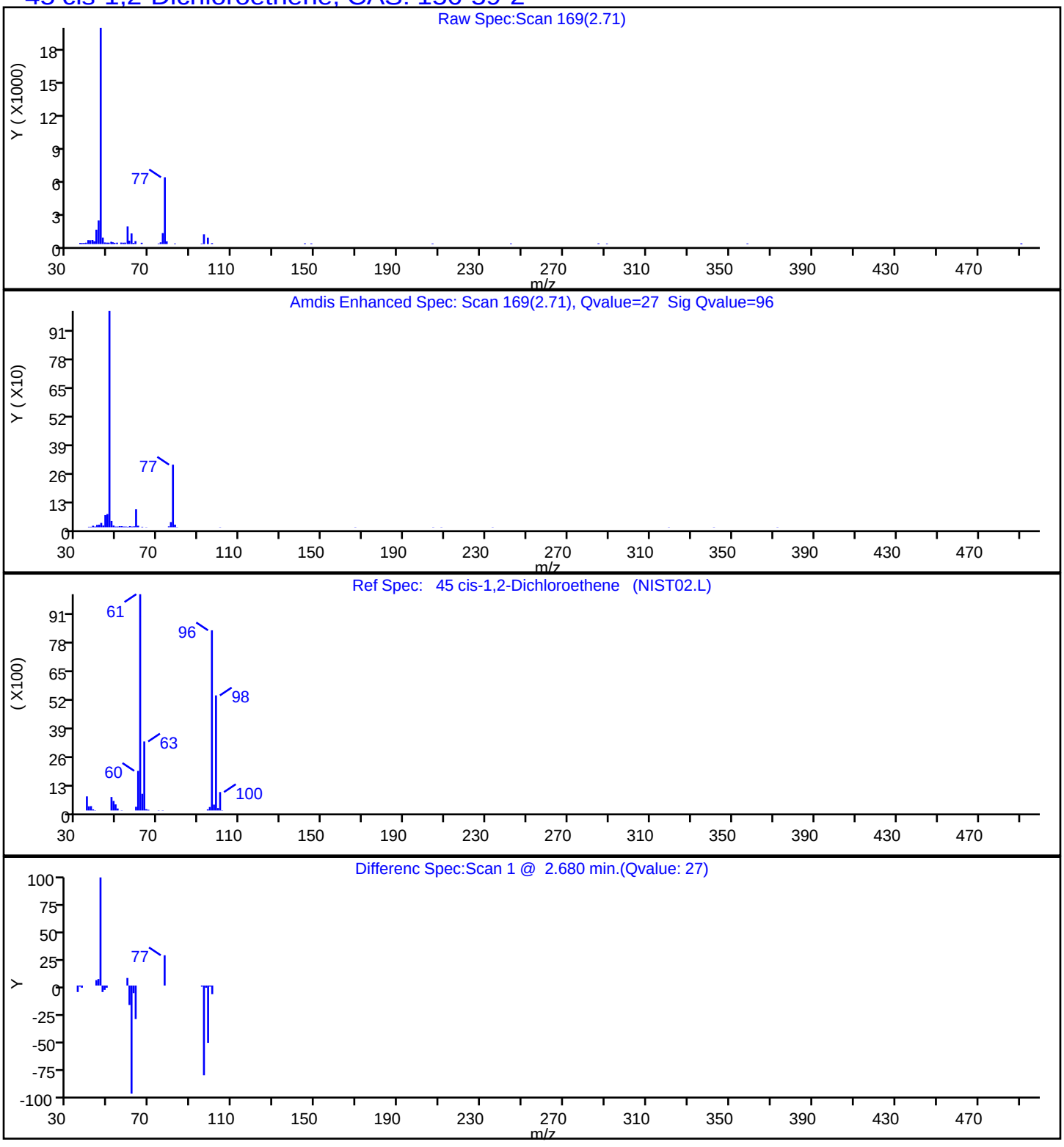
First Level Reviewer: NN6A Date: 19-Oct-2022 14:53:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	2444.9	35.6	72.81
$ 58 1,2-Dichloroethane-d4 (Surr)	2444.9	52.1	106.48
$ 83 Toluene-d8 (Surr)	2444.9	53.3	109.04
$ 105 4-Bromofluorobenzene	2444.9	43.6	89.17

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82920.d
Injection Date: 19-Oct-2022 01:48:30 Instrument ID: CVOAMS12
Lims ID: 460-267458-B-1-A Lab Sample ID: 460-267458-1
Client ID: L3-PP-SB-1_5-6_20221013
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

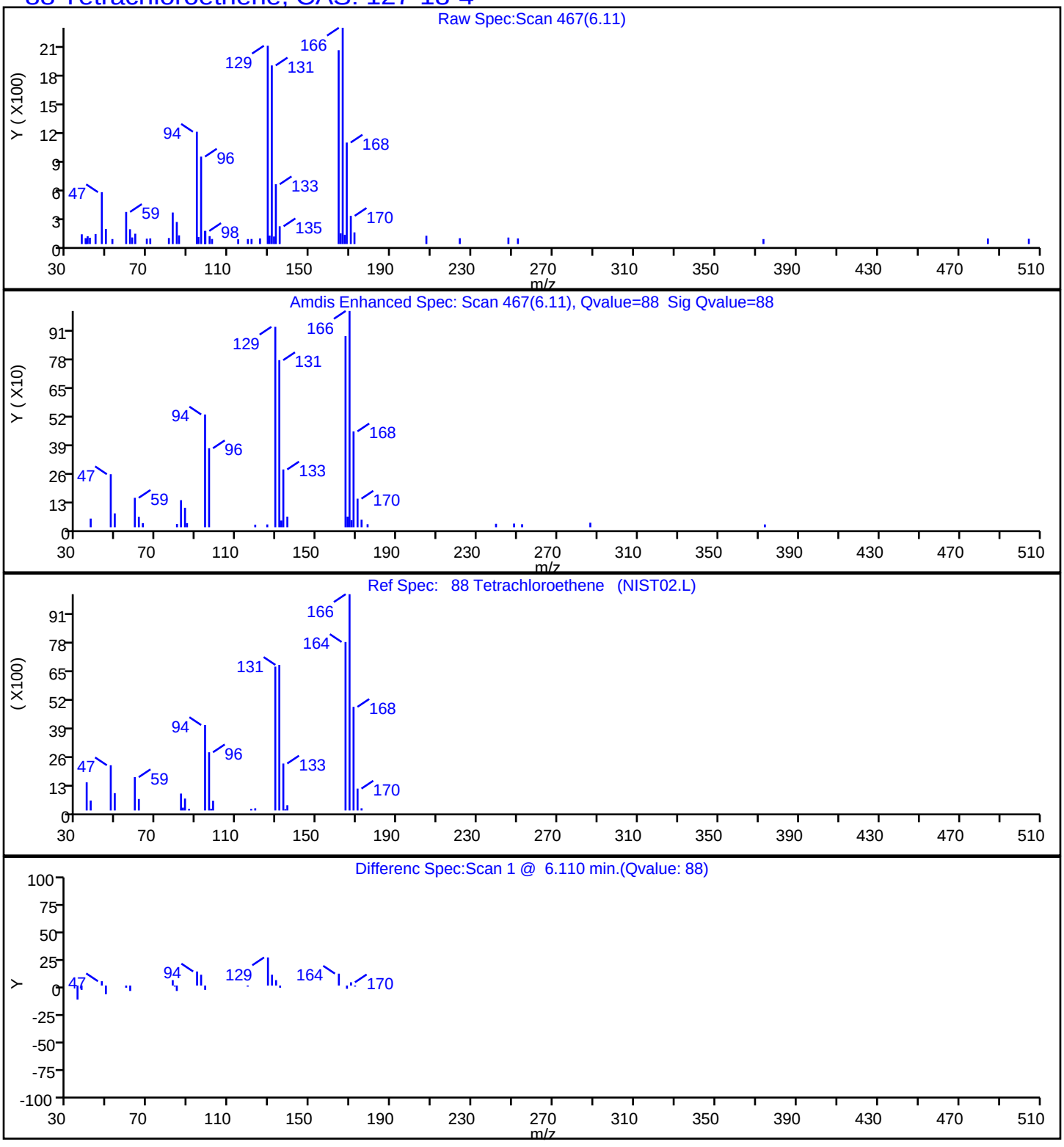
45 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82920.d
Injection Date: 19-Oct-2022 01:48:30 Instrument ID: CVOAMS12
Lims ID: 460-267458-B-1-A Lab Sample ID: 460-267458-1
Client ID: L3-PP-SB-1_5-6_20221013
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

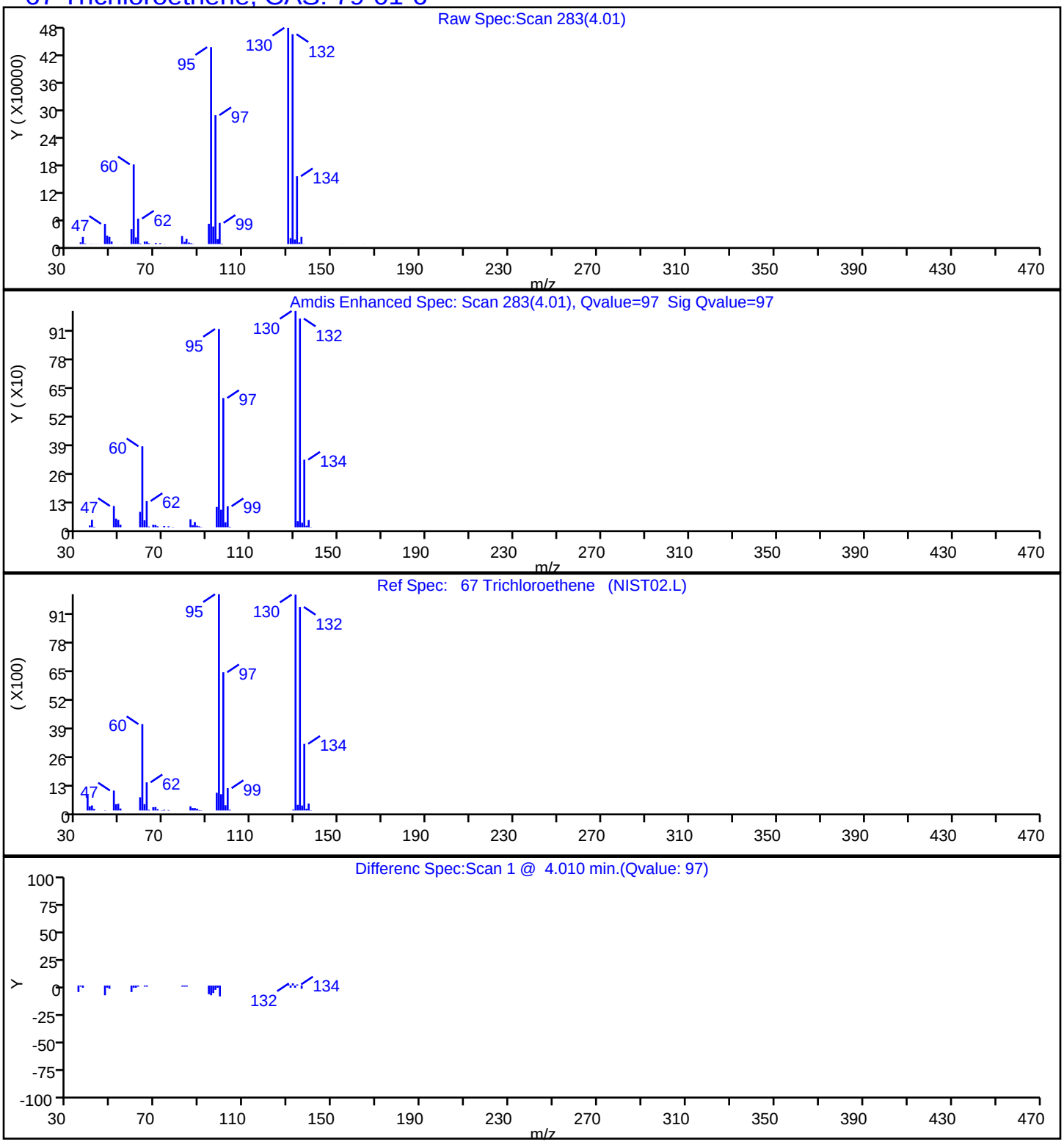
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82920.d
Injection Date: 19-Oct-2022 01:48:30 Instrument ID: CVOAMS12
Lims ID: 460-267458-B-1-A Lab Sample ID: 460-267458-1
Client ID: L3-PP-SB-1_5-6_20221013
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

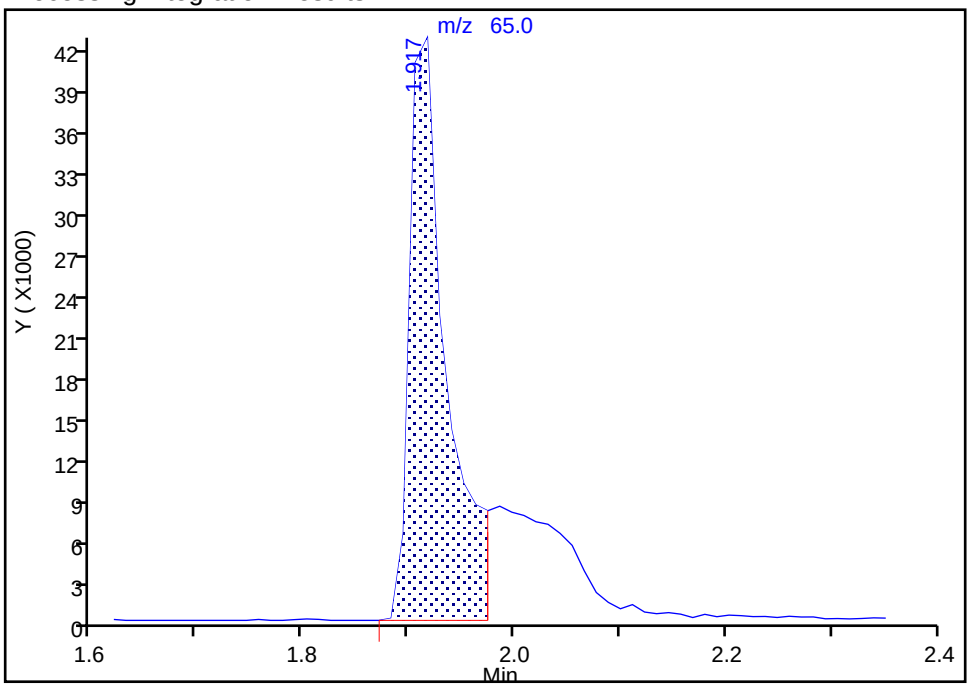
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Injection Date:	19-Oct-2022 01:48:30	Instrument ID:	CVOAMS12		
Lims ID:	460-267458-B-1-A	Lab Sample ID:	460-267458-1		
Client ID:	L3-PP-SB-1_5-6_20221013				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

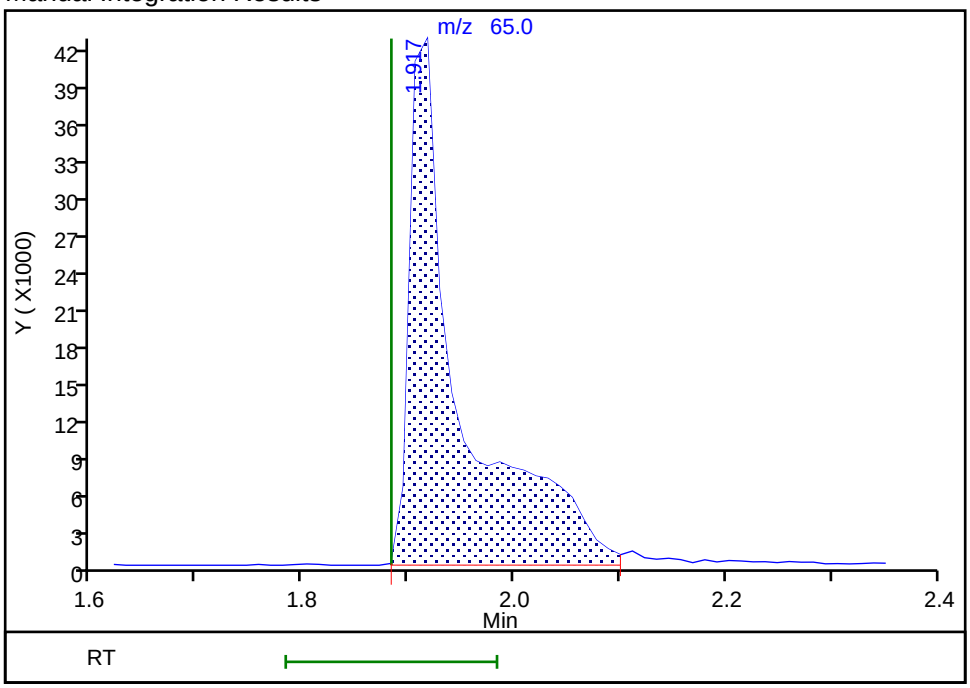
Processing Integration Results

RT: 1.92
Area: 103316
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 142332
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 19-Oct-2022 14:52:51

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_6-8_20221013 | Lab Sample ID: 460-267458-2

Matrix: Solid | Lab File ID: D99224.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:20

Sample wt/vol: 5.19(g) | Date Analyzed: 10/17/2022 14:25

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.5 % Solids: 95.5 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00043
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U *	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00053
67-66-3	Chloroform	0.0010	U	0.0010	0.00098
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00020
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0012
127-18-4	Tetrachloroethene	0.0010	U *	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U *	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		72-145
460-00-4	Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99224.D
Lims ID: 460-267458-C-2-A
Client ID: L3-PP-SB-1_6-8_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 14:25:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-2-A
Misc. Info.: 460-0151823-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:44:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.132	3.126	0.006	0	107615	1000.0	
* 42 2-Butanone-d5	46	4.363	4.351	0.012	73	117277	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.912	0.006	97	169822	51.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	126589	45.4	
* 65 Fluorobenzene	96	5.649	5.643	0.006	99	466148	50.0	
* 71 1,4-Dioxane-d8	96	6.509	6.497	0.012	0	9418	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	561788	51.0	
* 93 Chlorobenzene-d5	117	8.941	8.935	0.006	85	383110	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	164621	52.3	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	194820	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

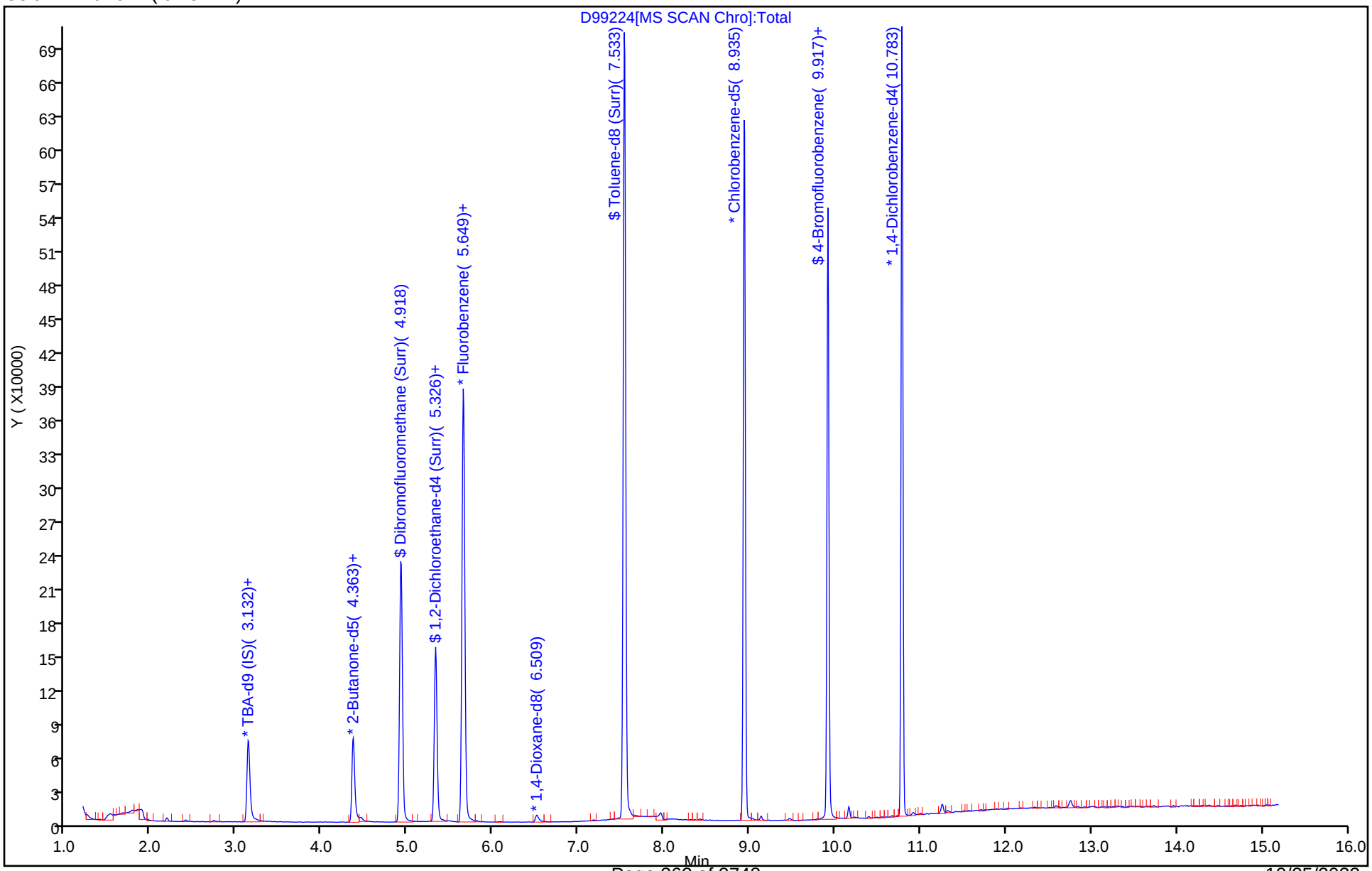
Report Date: 19-Oct-2022 13:28:09 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99224.D

Injection Date:	17-Oct-2022 14:25:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267458-C-2-A	Lab Sample ID:	460-267458-2	Worklist Smp#:	24
Client ID:	L3-PP-SB-1_6-8_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99224.D
Lims ID: 460-267458-C-2-A
Client ID: L3-PP-SB-1_6-8_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 14:25:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-2-A
Misc. Info.: 460-0151823-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:44:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.9	103.82
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	45.4	90.84
$ 82 Toluene-d8 (Surr)	50.0	51.0	101.95
$ 104 4-Bromofluorobenzene	50.0	52.3	104.60

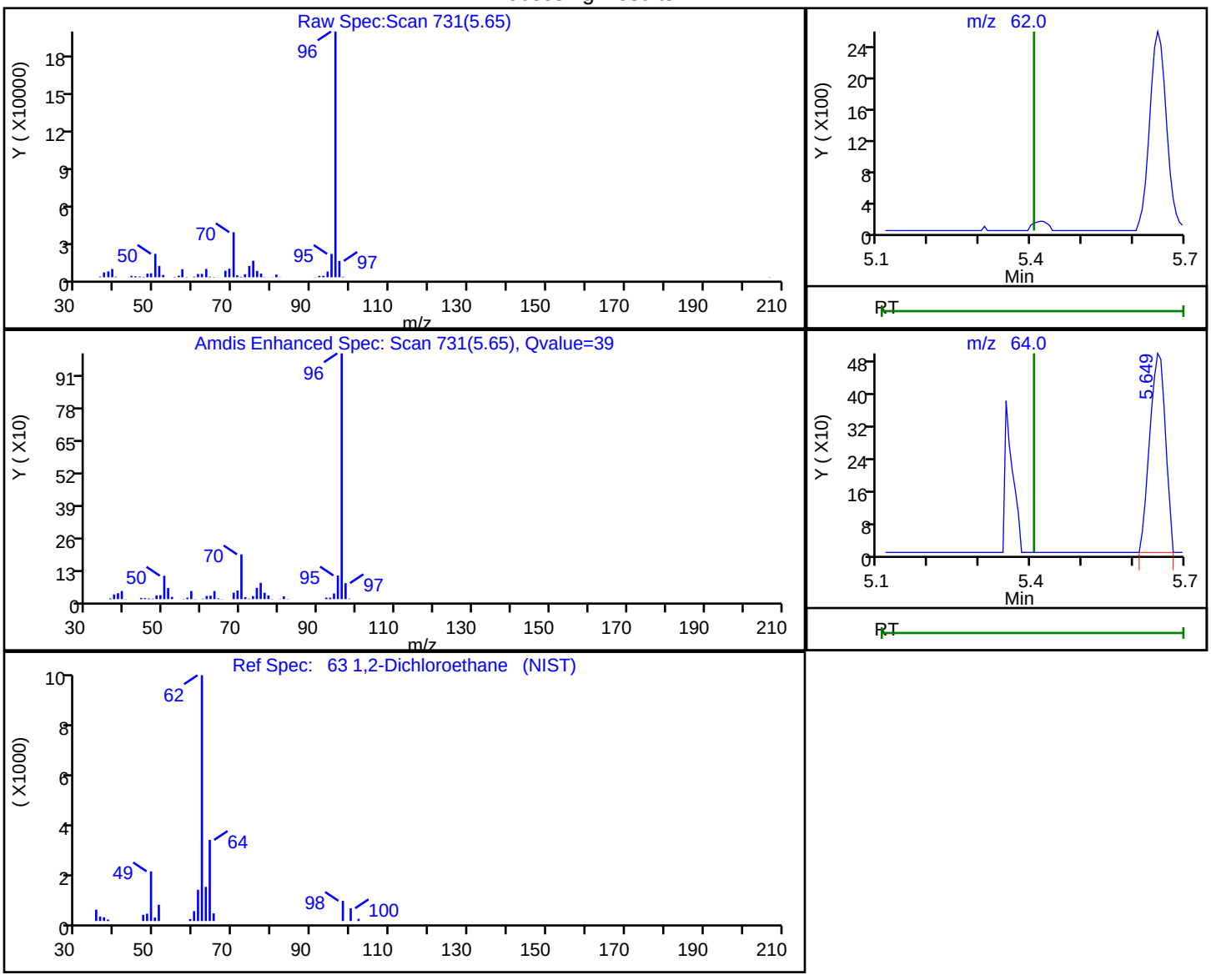
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99224.D
Injection Date: 17-Oct-2022 14:25:30 Instrument ID: CVOAMS4
Lims ID: 460-267458-C-2-A Lab Sample ID: 460-267458-2
Client ID: L3-PP-SB-1_6-8_20221013
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.65	62.00	5986	1.568692
5.65	64.00	1069	

Reviewer: C1JX, 17-Oct-2022 16:21:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_8-10_20221013 | Lab Sample ID: 460-267458-3

Matrix: Solid | Lab File ID: D99225.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:25

Sample wt/vol: 4.90(g) | Date Analyzed: 10/17/2022 14:48

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.5 % Solids: 97.5 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00022
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00024
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U *	0.0010	0.00041
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00055
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0010	U *	0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00034
75-01-4	Vinyl chloride	0.0010	U *	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
460-00-4	Bromofluorobenzene	110		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99225.D
Lims ID: 460-267458-C-3-A
Client ID: L3-PP-SB-1_8-10_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 14:48:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-3-A
Misc. Info.: 460-0151823-025
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:44:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.138	3.126	0.012	0	94164	1000.0	
* 42 2-Butanone-d5	46	4.363	4.351	0.012	63	115380	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.912	0.012	97	171377	53.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	128945	47.4	
* 65 Fluorobenzene	96	5.650	5.643	0.007	99	454921	50.0	
* 71 1,4-Dioxane-d8	96	6.509	6.497	0.012	0	6634	1000.0	s
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	568976	52.7	
* 93 Chlorobenzene-d5	117	8.942	8.935	0.007	84	375180	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	167946	54.8	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	189704	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

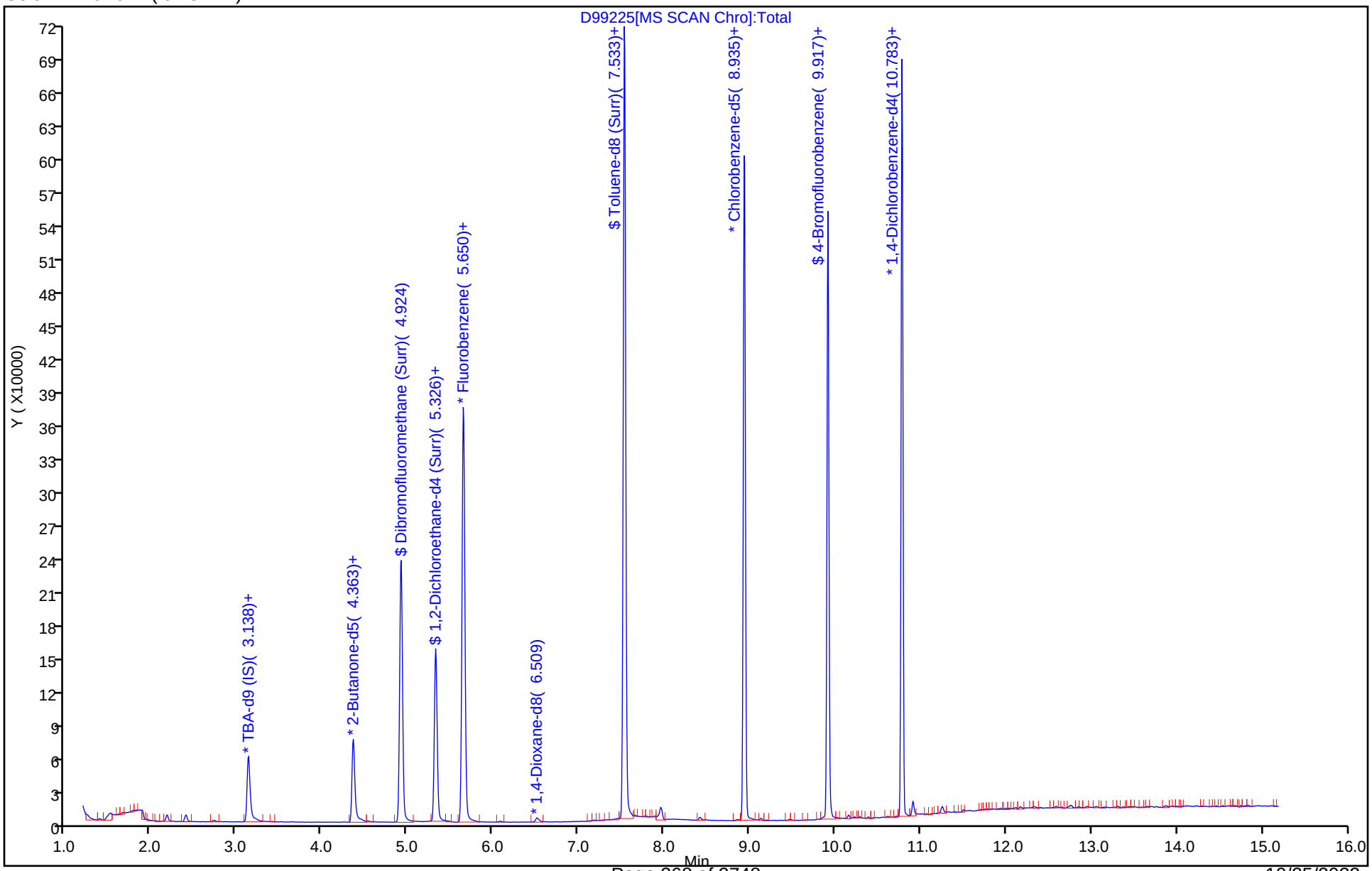
Report Date: 19-Oct-2022 13:28:18 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99225.D

Injection Date:	17-Oct-2022 14:48:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267458-C-3-A	Lab Sample ID:	460-267458-3	Worklist Smp#:	25
Client ID:	L3-PP-SB-1_8-10_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99225.D
Lims ID: 460-267458-C-3-A
Client ID: L3-PP-SB-1_8-10_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 14:48:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-3-A
Misc. Info.: 460-0151823-025
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:44:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.7	107.36
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.81
$ 82 Toluene-d8 (Surr)	50.0	52.7	105.44
$ 104 4-Bromofluorobenzene	50.0	54.8	109.59

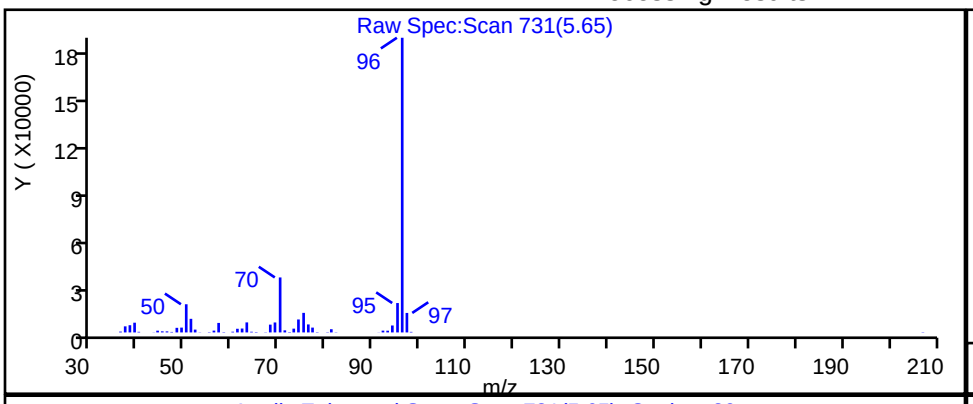
User Disabled Compound Report

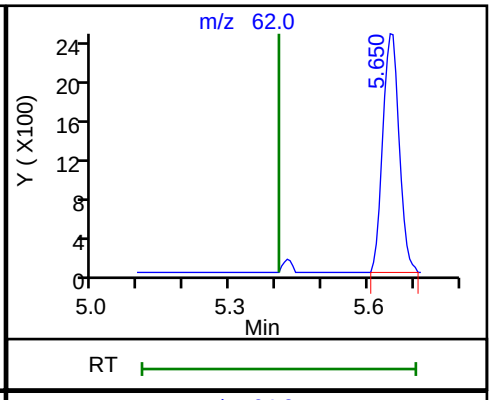
Eurofins Edison

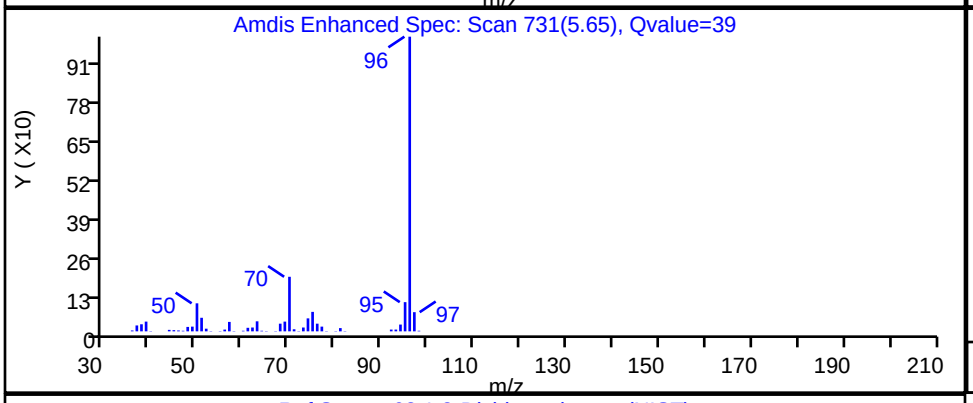
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Injection Date:	17-Oct-2022 14:48:30	Instrument ID:	CVOAMS4
Lims ID:	460-267458-C-3-A	Lab Sample ID:	460-267458-3
Client ID:	L3-PP-SB-1_8-10_20221013		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

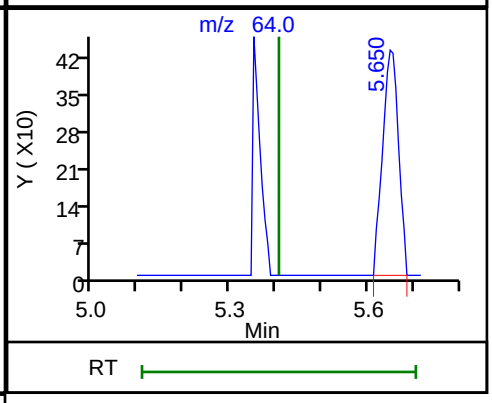
63 1,2-Dichloroethane, CAS: 107-06-2

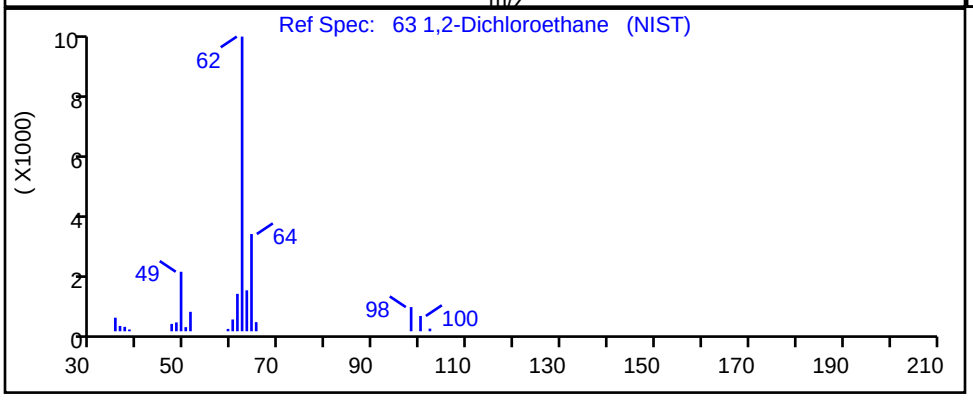
Processing Results











RT	Mass	Response	Amount
5.65	62.00	6111	1.640971
5.65	64.00	1048	

Reviewer: C1JX, 17-Oct-2022 16:21:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_10-12_20221013 | Lab Sample ID: 460-267458-4

Matrix: Solid | Lab File ID: D99245.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:30

Sample wt/vol: 4.24(g) | Date Analyzed: 10/17/2022 22:40

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.5 % Solids: 96.5 | Level: (low/med) Low

Analysis Batch No.: 872434 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00052
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
79-01-6	Trichloroethene	0.0042		0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00067

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99245.D
Lims ID: 460-267458-D-4-A
Client ID: L3-PP-SB-1_10-12_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 22:40:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-D-4-A
Misc. Info.: 460-0151861-010
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:14:30 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 23:12:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.138	3.138	0.000	0	102335	1000.0	
* 42 2-Butanone-d5	46	4.363	4.363	0.000	37	115180	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.924	0.000	97	161132	53.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.326	0.000	96	121977	47.4	
* 65 Fluorobenzene	96	5.649	5.655	-0.006	99	430297	50.0	
67 Trichloroethene	95	6.082	6.082	0.000	96	12191	3.45	
* 71 1,4-Dioxane-d8	96	6.515	6.515	0.000	0	7220	1000.0	s
$ 82 Toluene-d8 (Surr)	98	7.539	7.539	0.000	99	539700	50.8	
* 93 Chlorobenzene-d5	117	8.941	8.941	0.000	85	369106	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	156875	51.4	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.001	94	189037	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

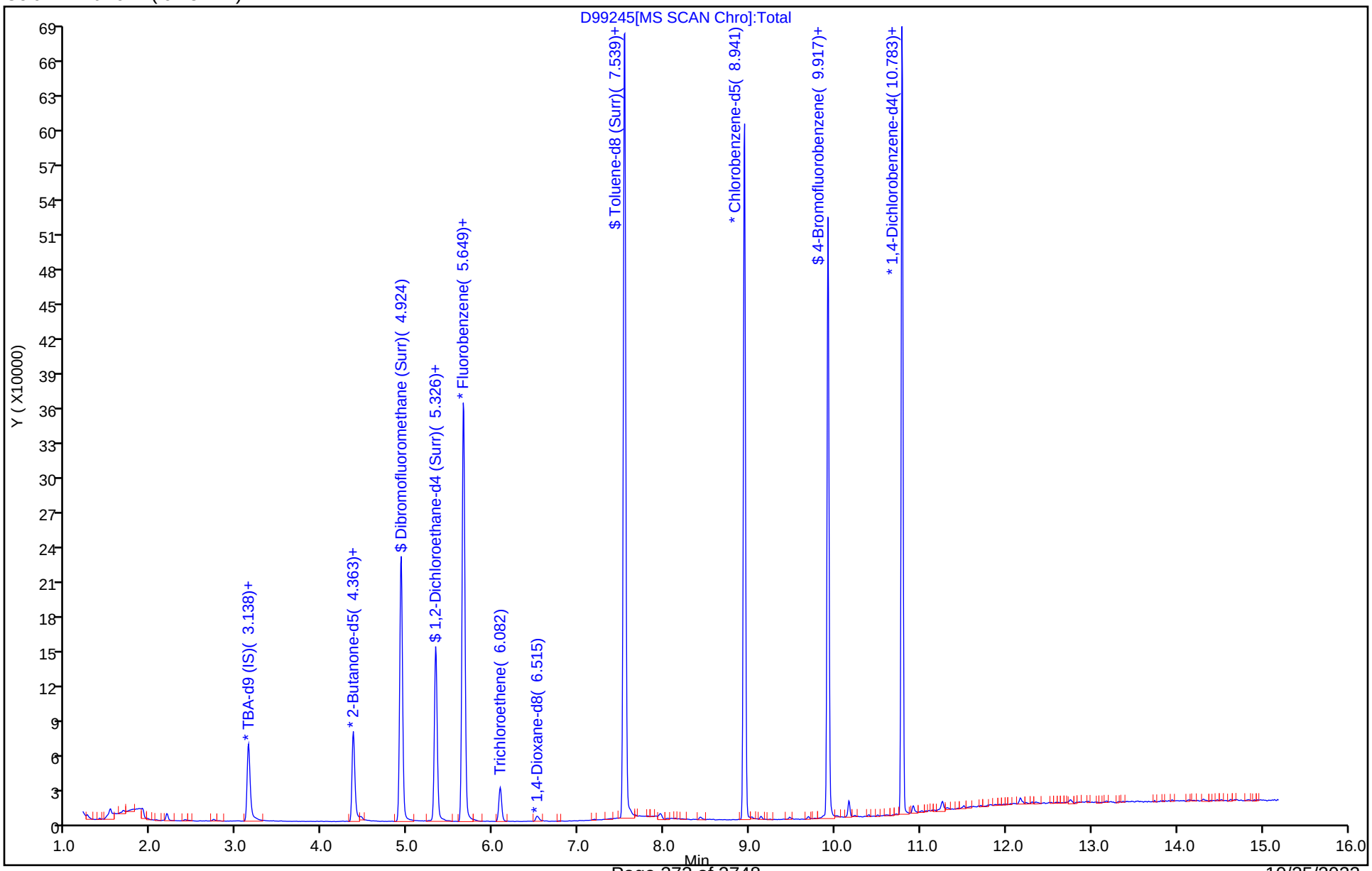
Report Date: 18-Oct-2022 17:14:40 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99245.D

Injection Date:	17-Oct-2022 22:40:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267458-D-4-A	Lab Sample ID:	460-267458-4	Worklist Smp#:	10
Client ID:	L3-PP-SB-1_10-12_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99245.D
Lims ID: 460-267458-D-4-A
Client ID: L3-PP-SB-1_10-12_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 22:40:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-D-4-A
Misc. Info.: 460-0151861-010
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:14:30 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

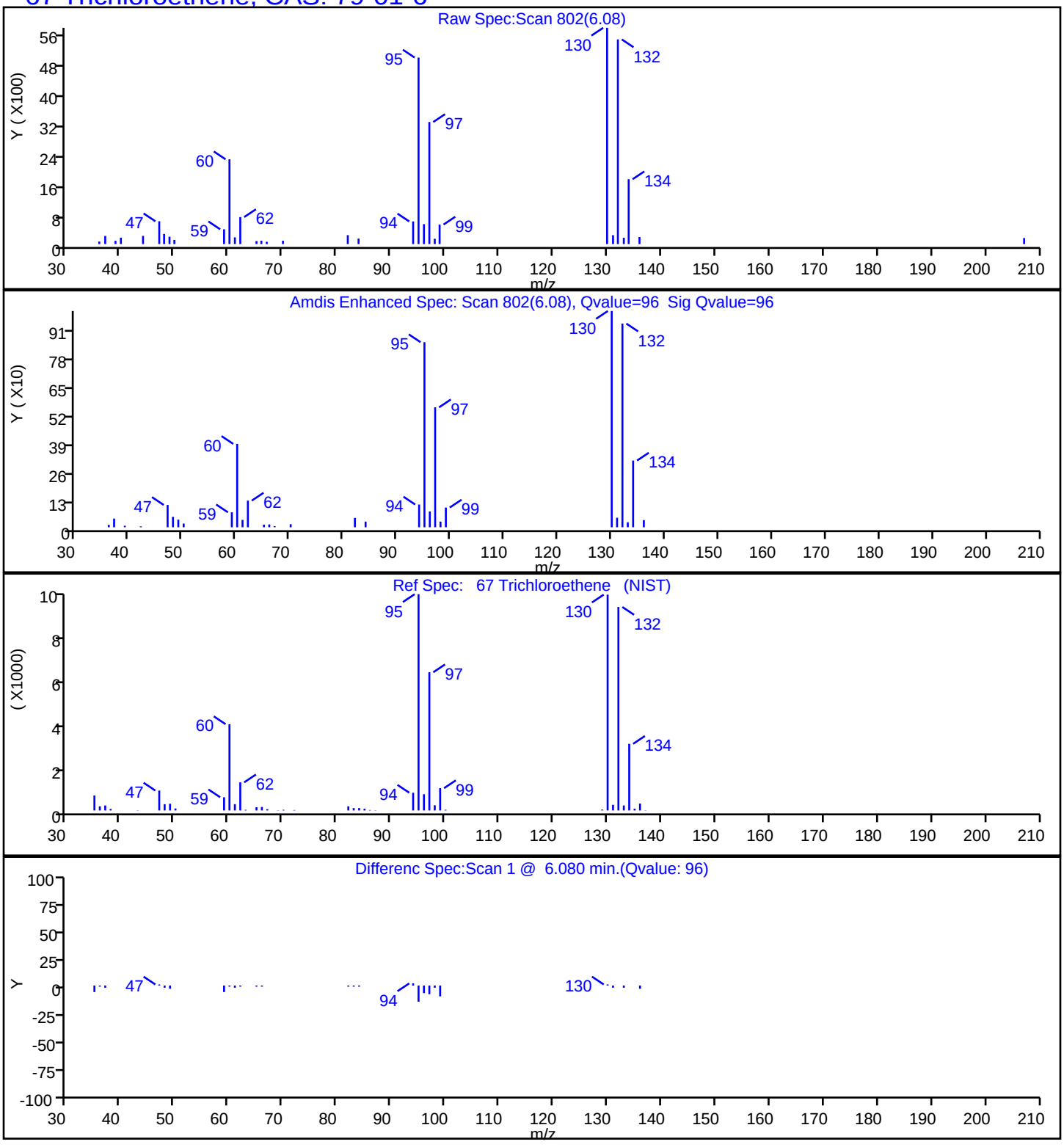
First Level Reviewer: C1JX Date: 17-Oct-2022 23:12:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.4	106.72
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.82
$ 82 Toluene-d8 (Surr)	50.0	50.8	101.66
$ 104 4-Bromofluorobenzene	50.0	51.4	102.73

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99245.D
Injection Date: 17-Oct-2022 22:40:30 Instrument ID: CVOAMS4
Lims ID: 460-267458-D-4-A Lab Sample ID: 460-267458-4
Client ID: L3-PP-SB-1_10-12_20221013
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



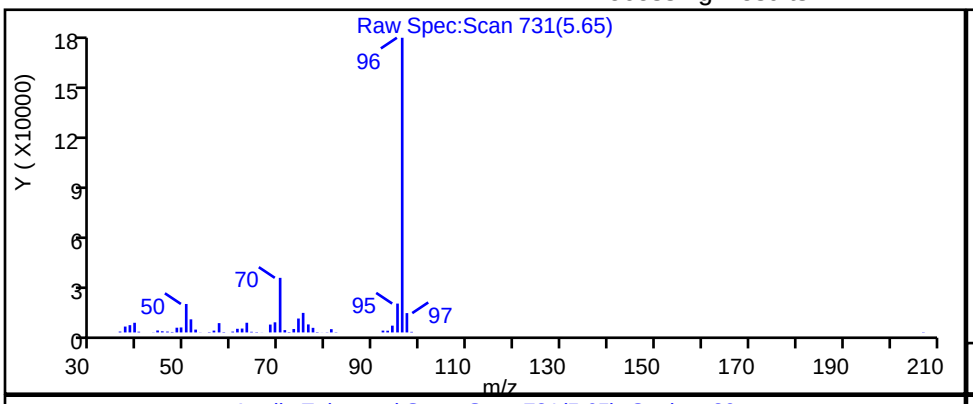
User Disabled Compound Report

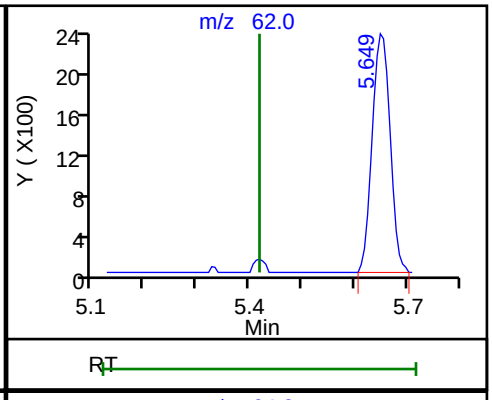
Eurofins Edison

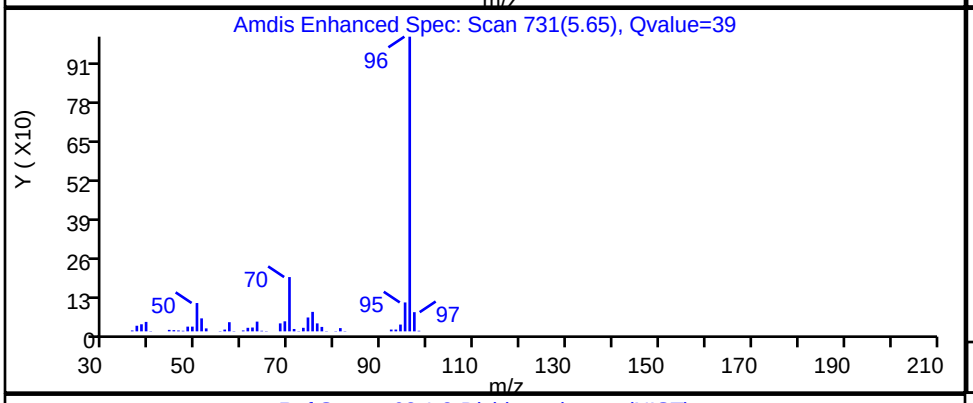
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99245.D				
Injection Date:	17-Oct-2022 22:40:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267458-D-4-A	Lab Sample ID:	460-267458-4		
Client ID:	L3-PP-SB-1_10-12_20221013				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

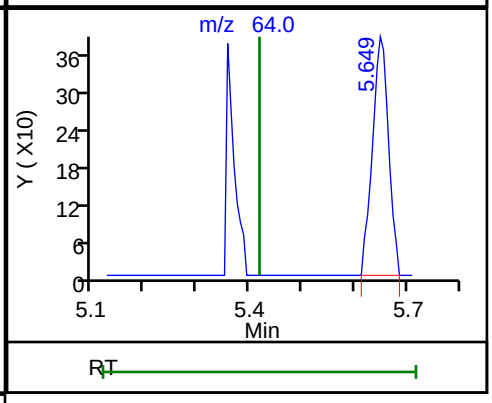
63 1,2-Dichloroethane, CAS: 107-06-2

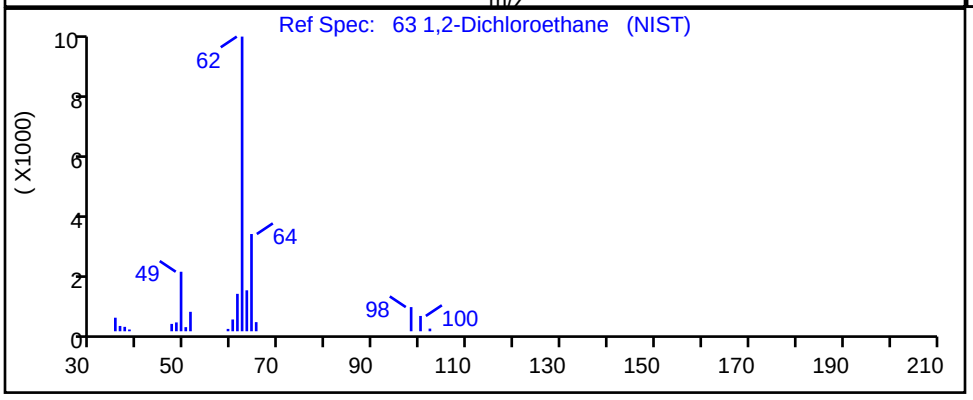
Processing Results











RT	Mass	Response	Amount
5.65	62.00	5566	1.603281
5.65	64.00	828	

Reviewer: C1JX, 17-Oct-2022 23:12:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_12-14_20221013 | Lab Sample ID: 460-267458-5

Matrix: Solid | Lab File ID: D99227a.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:35

Sample wt/vol: 4.27(g) | Date Analyzed: 10/17/2022 15:57

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.8 % Solids: 96.2 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U *	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U *	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U *	0.0012	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99227a.D
Lims ID: 460-267458-C-5-A
Client ID: L3-PP-SB-1_12-14_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 15:57:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-5-A
Misc. Info.: 460-0151823-027
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:45:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.138	3.126	0.012	0	83251	1000.0	
* 42 2-Butanone-d5	46	4.363	4.351	0.012	36	100084	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.912	0.012	97	161082	51.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	117830	44.6	
* 65 Fluorobenzene	96	5.656	5.643	0.013	99	442249	50.0	
* 71 1,4-Dioxane-d8	96	6.515	6.497	0.018	0	6205	1000.0	s
$ 82 Toluene-d8 (Surr)	98	7.539	7.527	0.012	99	542735	52.1	
* 93 Chlorobenzene-d5	117	8.942	8.935	0.007	85	361865	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	152568	51.4	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	183869	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

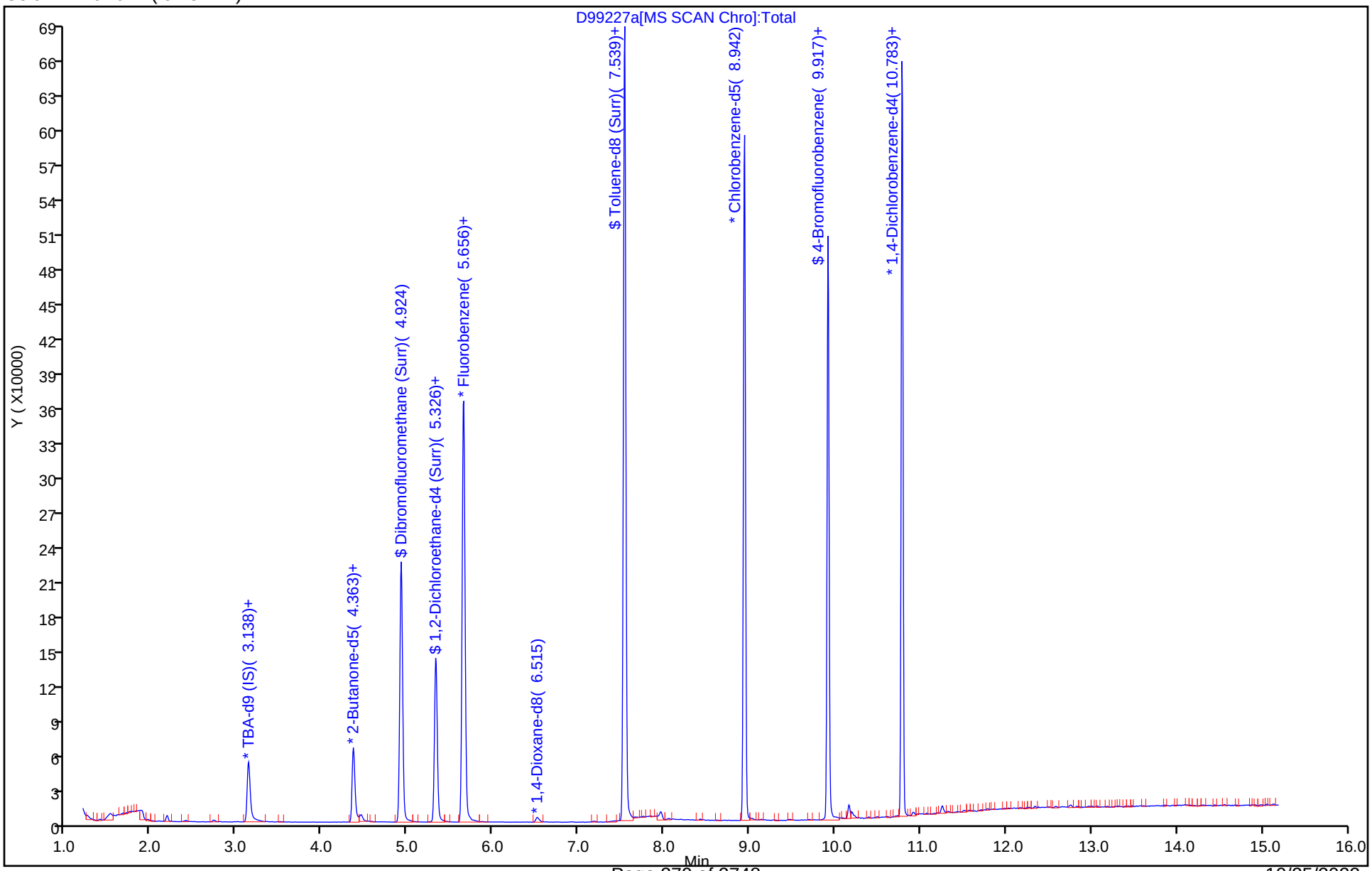
Report Date: 19-Oct-2022 13:29:01 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99227a.D

Injection Date:	17-Oct-2022 15:57:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267458-C-5-A	Lab Sample ID:	460-267458-5	Worklist Smp#:	27
Client ID:	L3-PP-SB-1_12-14_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99227a.D
Lims ID: 460-267458-C-5-A
Client ID: L3-PP-SB-1_12-14_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 15:57:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-5-A
Misc. Info.: 460-0151823-027
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:45:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.9	103.80
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	44.6	89.12
$ 82 Toluene-d8 (Surr)	50.0	52.1	104.28
$ 104 4-Bromofluorobenzene	50.0	51.4	102.72

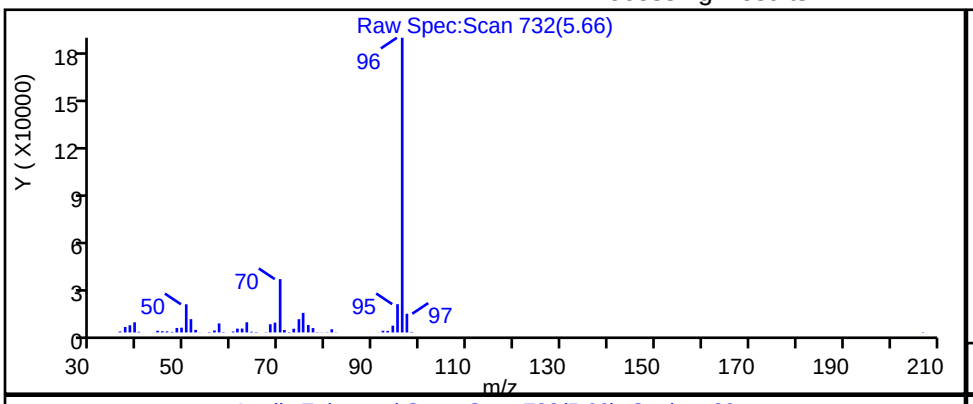
User Disabled Compound Report

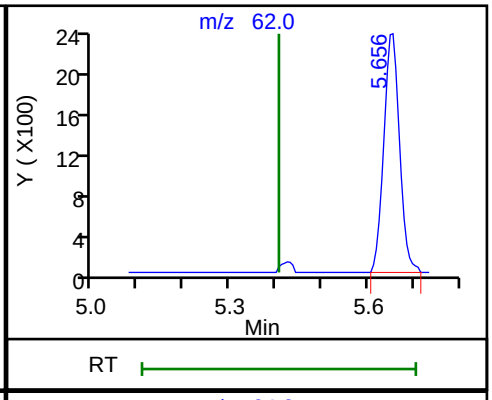
Eurofins Edison

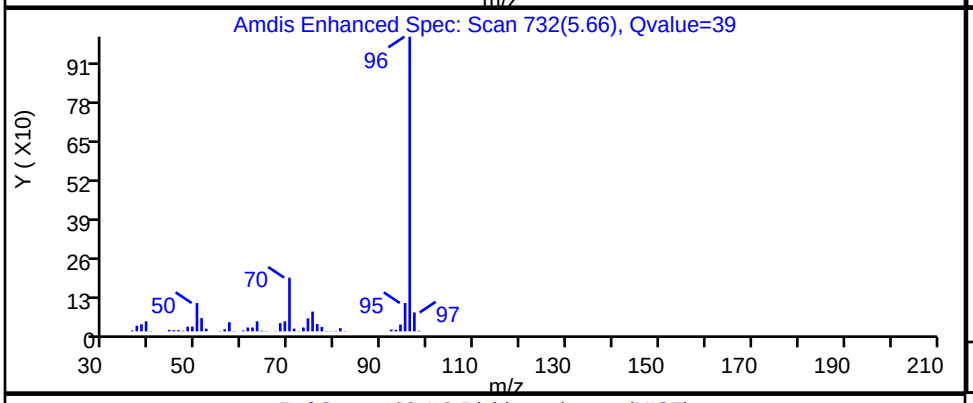
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99227a.D				
Injection Date:	17-Oct-2022 15:57:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267458-C-5-A	Lab Sample ID:	460-267458-5		
Client ID:	L3-PP-SB-1_12-14_20221013				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

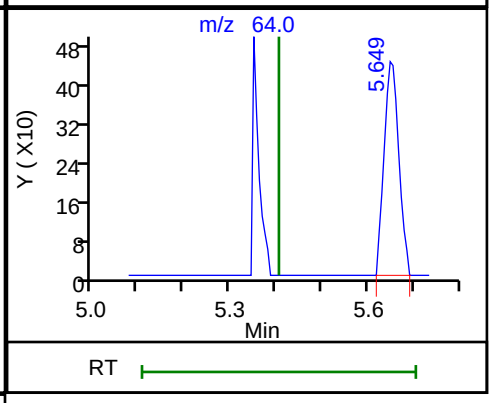
63 1,2-Dichloroethane, CAS: 107-06-2

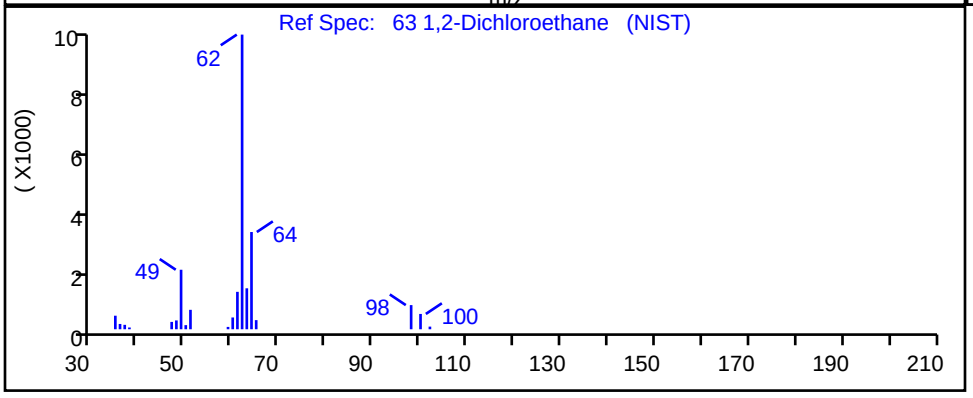
Processing Results











RT	Mass	Response	Amount
5.66	62.00	5716	1.578883
5.65	64.00	997	

Reviewer: C1JX, 17-Oct-2022 16:22:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_14-15_20221013 | Lab Sample ID: 460-267458-6

Matrix: Solid | Lab File ID: D99228.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:40

Sample wt/vol: 4.83(g) | Date Analyzed: 10/17/2022 16:19

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.3 % Solids: 94.7 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U *	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
127-18-4	Tetrachloroethene	0.0011	U *	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-01-4	Vinyl chloride	0.0011	U *	0.0011	0.00060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		72-145
460-00-4	Bromofluorobenzene	109		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99228.D
Lims ID: 460-267458-C-6-A
Client ID: L3-PP-SB-1_14-15_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 16:19:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-6-A
Misc. Info.: 460-0151823-028
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:45:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.138	3.126	0.012	0	76034	1000.0	s
* 42 2-Butanone-d5	46	4.363	4.351	0.012	74	103364	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.912	0.012	97	161128	53.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	119430	46.6	
* 65 Fluorobenzene	96	5.655	5.643	0.012	99	428468	50.0	
* 71 1,4-Dioxane-d8	96	6.515	6.497	0.018	0	5309	1000.0	s
$ 82 Toluene-d8 (Surr)	98	7.539	7.527	0.012	99	541473	53.5	
* 93 Chlorobenzene-d5	117	8.941	8.935	0.006	85	351604	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	154711	54.3	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	-0.001	94	176391	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

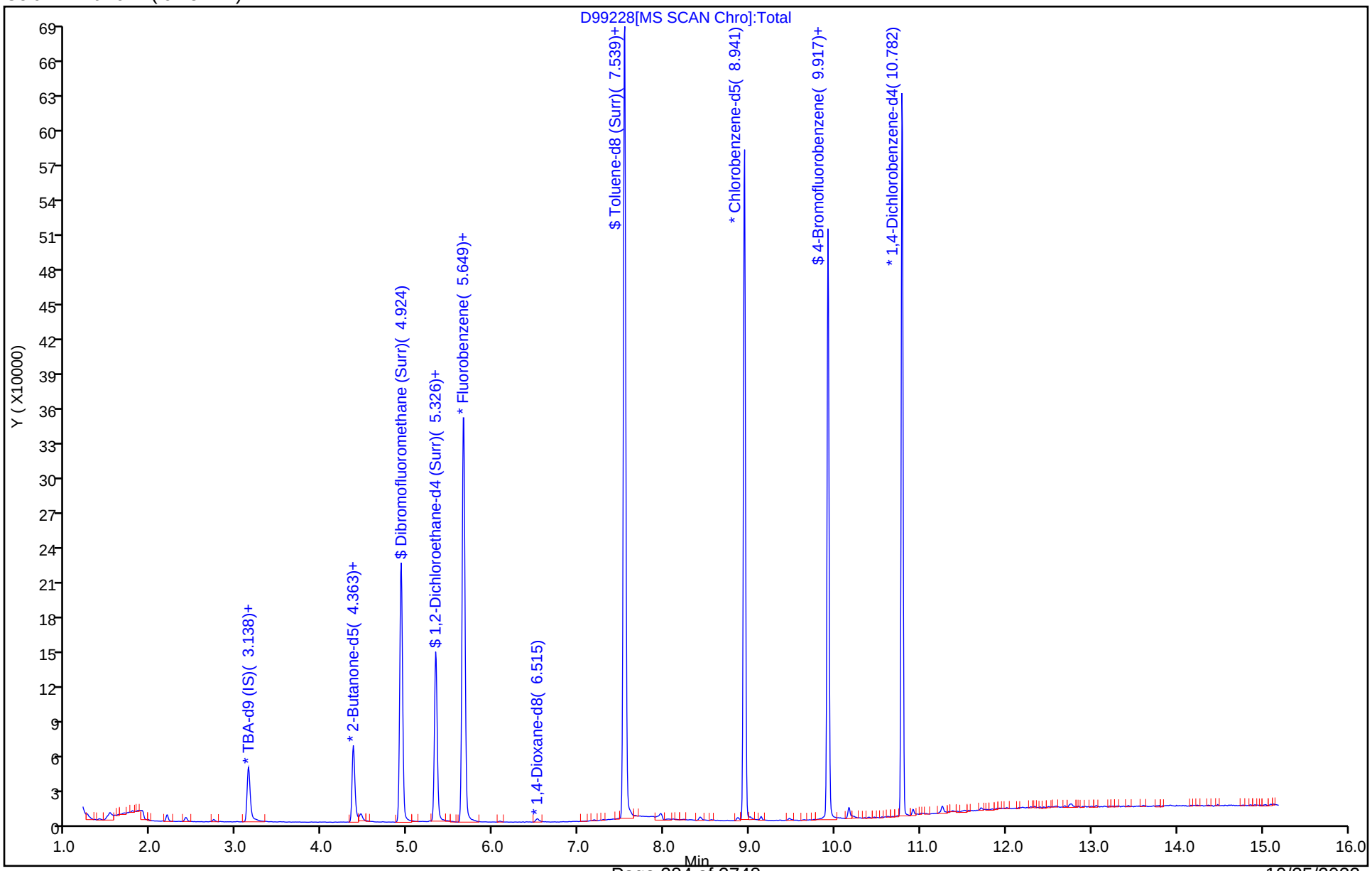
Report Date: 19-Oct-2022 13:29:11 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99228.D

Injection Date:	17-Oct-2022 16:19:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267458-C-6-A	Lab Sample ID:	460-267458-6	Worklist Smp#:	28
Client ID:	L3-PP-SB-1_14-15_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99228.D
Lims ID: 460-267458-C-6-A
Client ID: L3-PP-SB-1_14-15_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 16:19:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-6-A
Misc. Info.: 460-0151823-028
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:45:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.6	107.17
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.6	93.24
$ 82 Toluene-d8 (Surr)	50.0	53.5	107.07
$ 104 4-Bromofluorobenzene	50.0	54.3	108.57

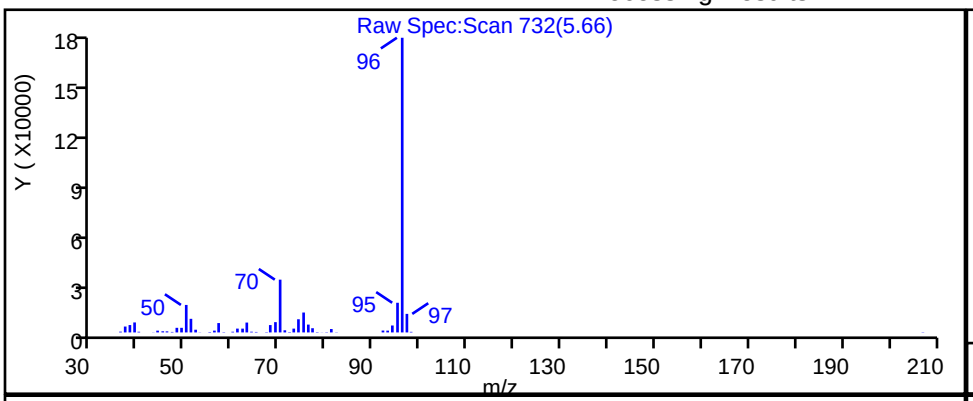
User Disabled Compound Report

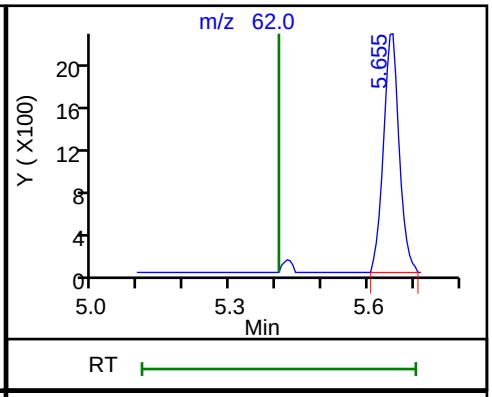
Eurofins Edison

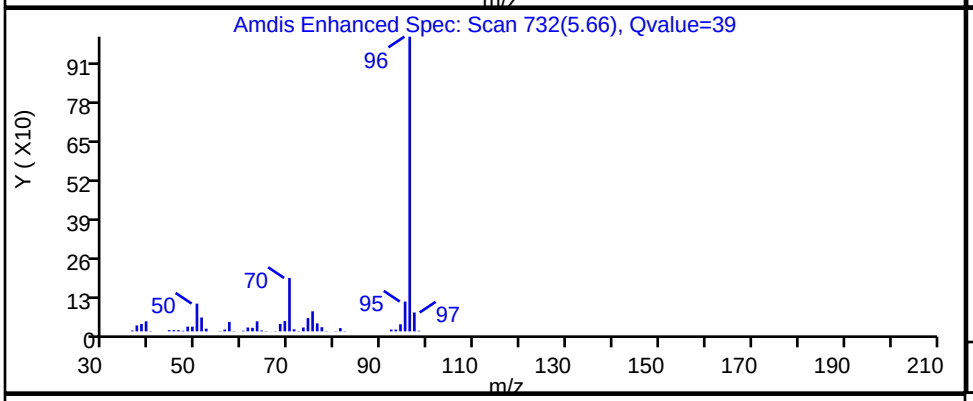
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99228.D				
Injection Date:	17-Oct-2022 16:19:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267458-C-6-A	Lab Sample ID:	460-267458-6		
Client ID:	L3-PP-SB-1_14-15_20221013				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

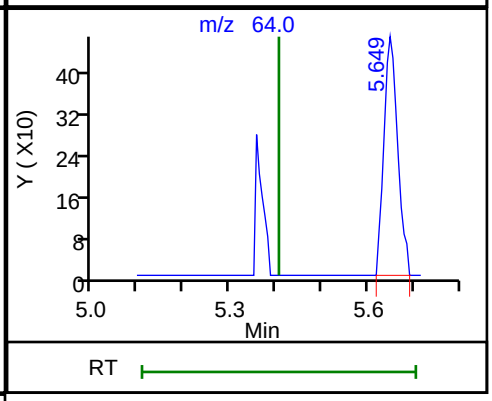
63 1,2-Dichloroethane, CAS: 107-06-2

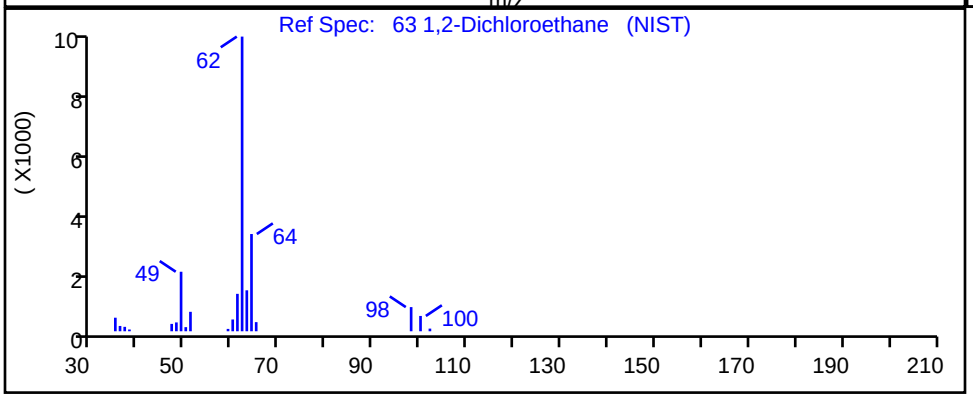
Processing Results











RT	Mass	Response	Amount
5.66	62.00	5322	1.517334
5.65	64.00	985	

Reviewer: C1JX, 17-Oct-2022 16:42:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

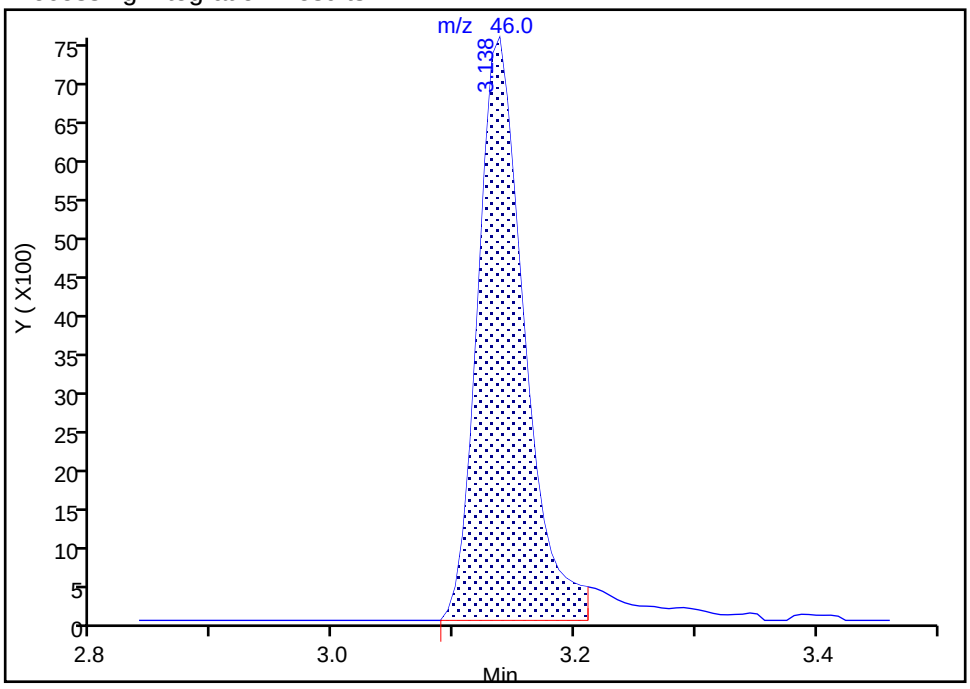
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99228.D
Injection Date: 17-Oct-2022 16:19:30 Instrument ID: CVOAMS4
Lims ID: 460-267458-C-6-A Lab Sample ID: 460-267458-6
Client ID: L3-PP-SB-1_14-15_20221013
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 2

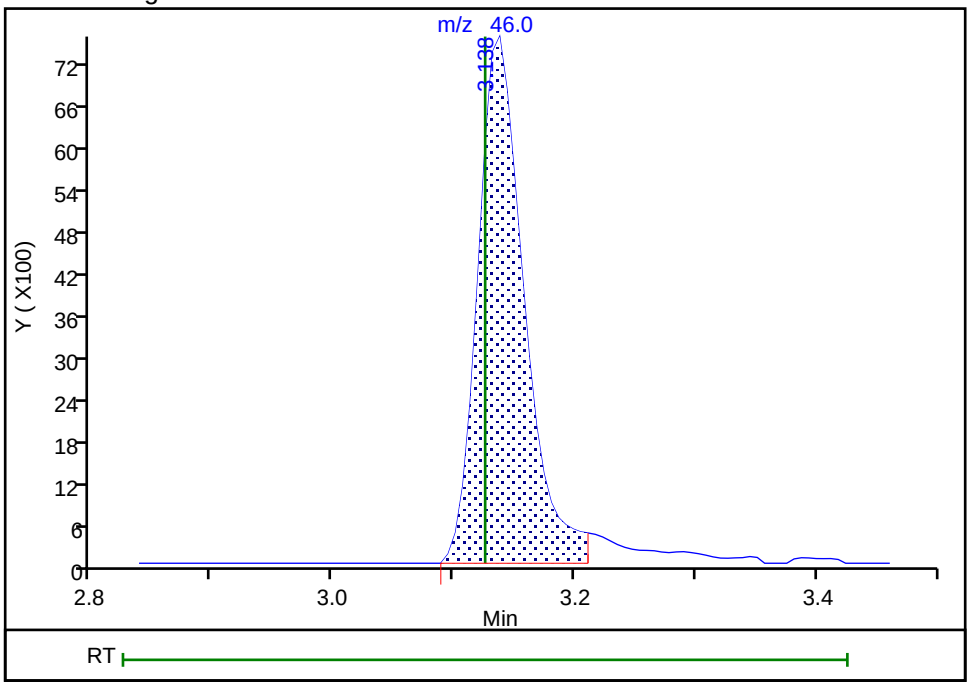
RT: 3.14
Area: 20155
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 3.14
Area: 20155
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 17-Oct-2022 18:45:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-SB-X2_20221013 | Lab Sample ID: 460-267458-11

Matrix: Solid | Lab File ID: D99229.D

Analysis Method: 8260D | Date Collected: 10/13/2022 12:00

Sample wt/vol: 5.46(g) | Date Analyzed: 10/17/2022 16:42

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.4 % Solids: 95.6 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00096	U *	0.00096	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00021
79-00-5	1,1,2-Trichloroethane	0.00096	U	0.00096	0.00017
75-34-3	1,1-Dichloroethane	0.00096	U	0.00096	0.00020
75-35-4	1,1-Dichloroethene	0.00096	U	0.00096	0.00022
107-06-2	1,2-Dichloroethane	0.00096	U	0.00096	0.00028
78-87-5	1,2-Dichloropropane	0.00096	U	0.00096	0.00041
75-27-4	Bromodichloromethane	0.00096	U	0.00096	0.00025
56-23-5	Carbon tetrachloride	0.00096	U *	0.00096	0.00037
108-90-7	Chlorobenzene	0.00096	U	0.00096	0.00017
75-00-3	Chloroethane	0.00096	U	0.00096	0.00050
67-66-3	Chloroform	0.00096	U	0.00096	0.00093
74-87-3	Chloromethane	0.00096	U	0.00096	0.00042
156-59-2	cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034
10061-01-5	cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026
124-48-1	Dibromochloromethane	0.00096	U	0.00096	0.00019
75-09-2	Methylene Chloride	0.0019	U	0.0019	0.0011
127-18-4	Tetrachloroethene	0.00096	U *	0.00096	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025
79-01-6	Trichloroethene	0.00096	U	0.00096	0.00031
75-01-4	Vinyl chloride	0.00096	U *	0.00096	0.00052

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99229.D
Lims ID: 460-267458-C-11-A
Client ID: L3-SB-X2_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 16:42:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-11-A
Misc. Info.: 460-0151823-029
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:45:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.138	3.126	0.012	0	108633	1000.0	
* 42 2-Butanone-d5	46	4.363	4.351	0.012	36	109607	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.912	0.012	97	163310	52.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	122369	45.9	
* 65 Fluorobenzene	96	5.656	5.643	0.013	99	445404	50.0	
67 Trichloroethene	95	6.082	6.070	0.012	82	593	0.1621	
* 71 1,4-Dioxane-d8	96	6.509	6.497	0.012	0	9012	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.539	7.527	0.012	99	549015	51.8	
* 93 Chlorobenzene-d5	117	8.941	8.935	0.006	85	368564	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	157889	51.6	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	189326	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

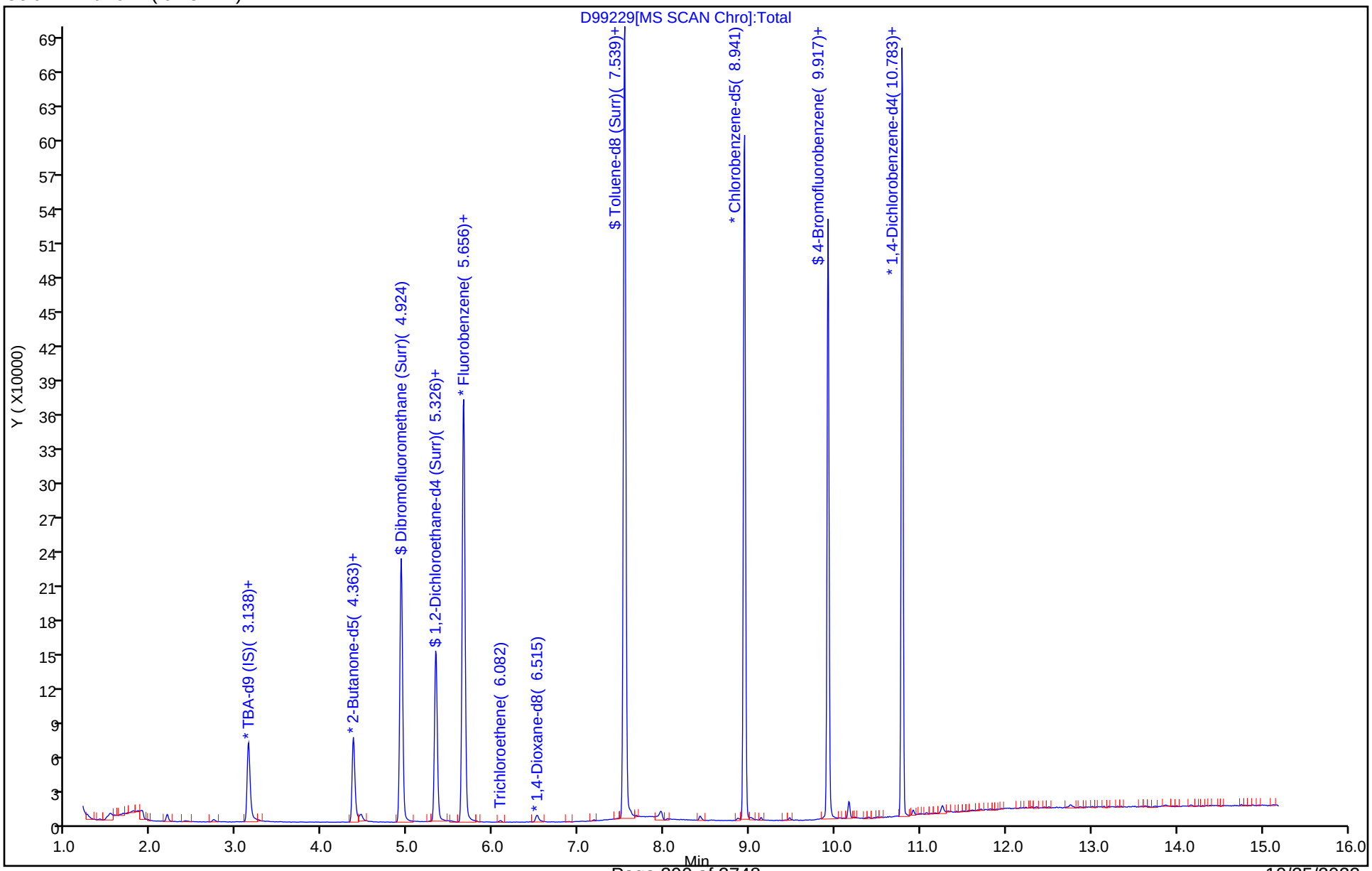
Report Date: 19-Oct-2022 13:29:27 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99229.D

Injection Date:	17-Oct-2022 16:42:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267458-C-11-A	Lab Sample ID:	460-267458-11	Worklist Smp#:	29
Client ID:	L3-SB-X2_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99229.D
Lims ID: 460-267458-C-11-A
Client ID: L3-SB-X2_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 16:42:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-11-A
Misc. Info.: 460-0151823-029
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:28:08 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:45:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.2	104.49
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.90
$ 82 Toluene-d8 (Surr)	50.0	51.8	103.57
$ 104 4-Bromofluorobenzene	50.0	51.6	103.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-FB-02_20221013 | Lab Sample ID: 460-267458-12

Matrix: Water | Lab File ID: V26554.D

Analysis Method: 8260D | Date Collected: 10/13/2022 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 22:05

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0		1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	0.43	J	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	Bromofluorobenzene	118		76-120
1868-53-7	Dibromofluoromethane (Surr)	119		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26554.D
Lims ID: 460-267458-A-12
Client ID: FB-2_20221013
Sample Type: Client
Inject. Date: 15-Oct-2022 22:05:30 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-A-12
Misc. Info.: 460-0151790-012
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: HVW2 Date: 16-Oct-2022 21:06:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	96	23928	1000.0	
29 Methylene Chloride	84	2.589	2.589	0.000	93	1723	0.4320	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	301781	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	117514	59.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	177917	55.8	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	424646	50.0	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	91	12308	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.247	6.247	0.000	97	510829	49.4	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	272482	50.0	
95 Chlorobenzene	112	8.212	8.201	0.011	93	10158	1.02	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	121624	58.8	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	98	129893	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 19-Oct-2022 18:49:05 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26554.D

Injection Date: 15-Oct-2022 22:05:30 Instrument ID: CVOAMS7

Lims ID: 460-267458-A-12 Lab Sample ID: 460-267458-12

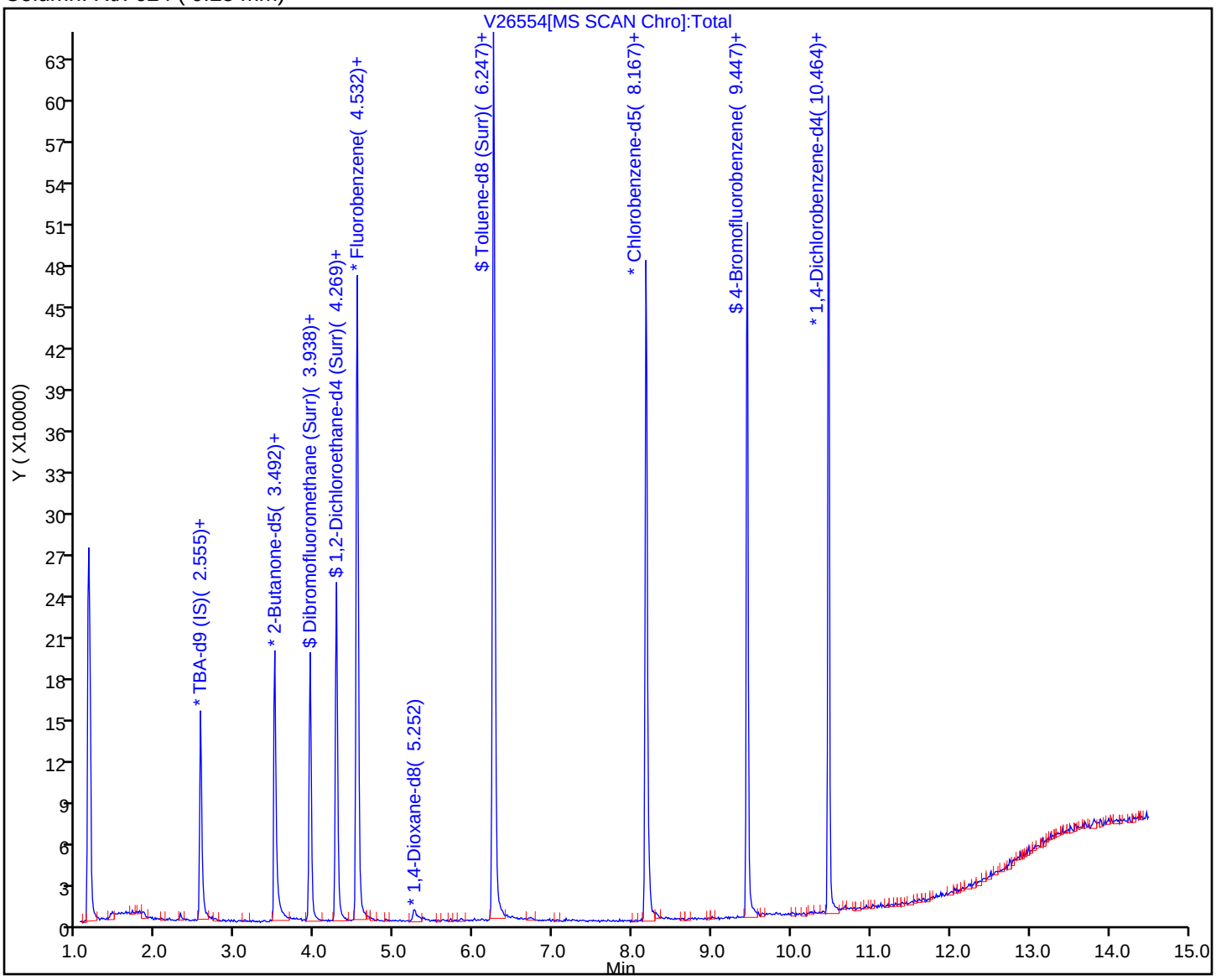
Client ID: FB-2_20221013

Operator ID: ALS Bottle#: 61 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)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26554.D
Lims ID: 460-267458-A-12
Client ID: FB-2_20221013
Sample Type: Client
Inject. Date: 15-Oct-2022 22:05:30 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-A-12
Misc. Info.: 460-0151790-012
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

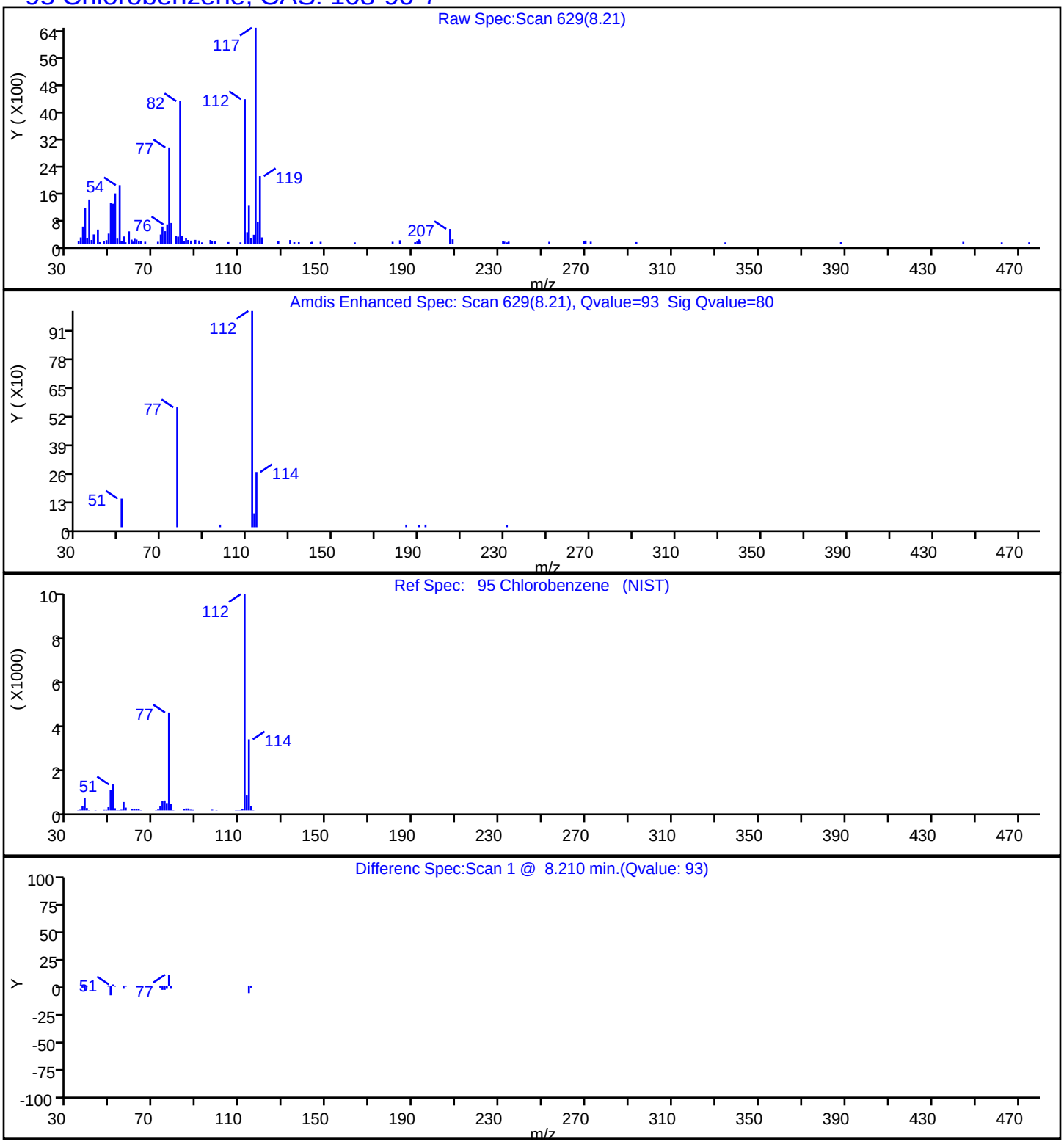
First Level Reviewer: HVW2 Date: 16-Oct-2022 21:06:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	59.3	118.66
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.8	111.67
$ 82 Toluene-d8 (Surr)	50.0	49.4	98.70
$ 105 4-Bromofluorobenzene	50.0	58.8	117.64

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26554.D				
Injection Date:	15-Oct-2022 22:05:30	Instrument ID:	CVOAMS7		
Lims ID:	460-267458-A-12	Lab Sample ID:	460-267458-12		
Client ID:	FB-2_20221013				
Operator ID:		ALS Bottle#:	61	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)	Detector	MS Quad		

95 Chlorobenzene, CAS: 108-90-7



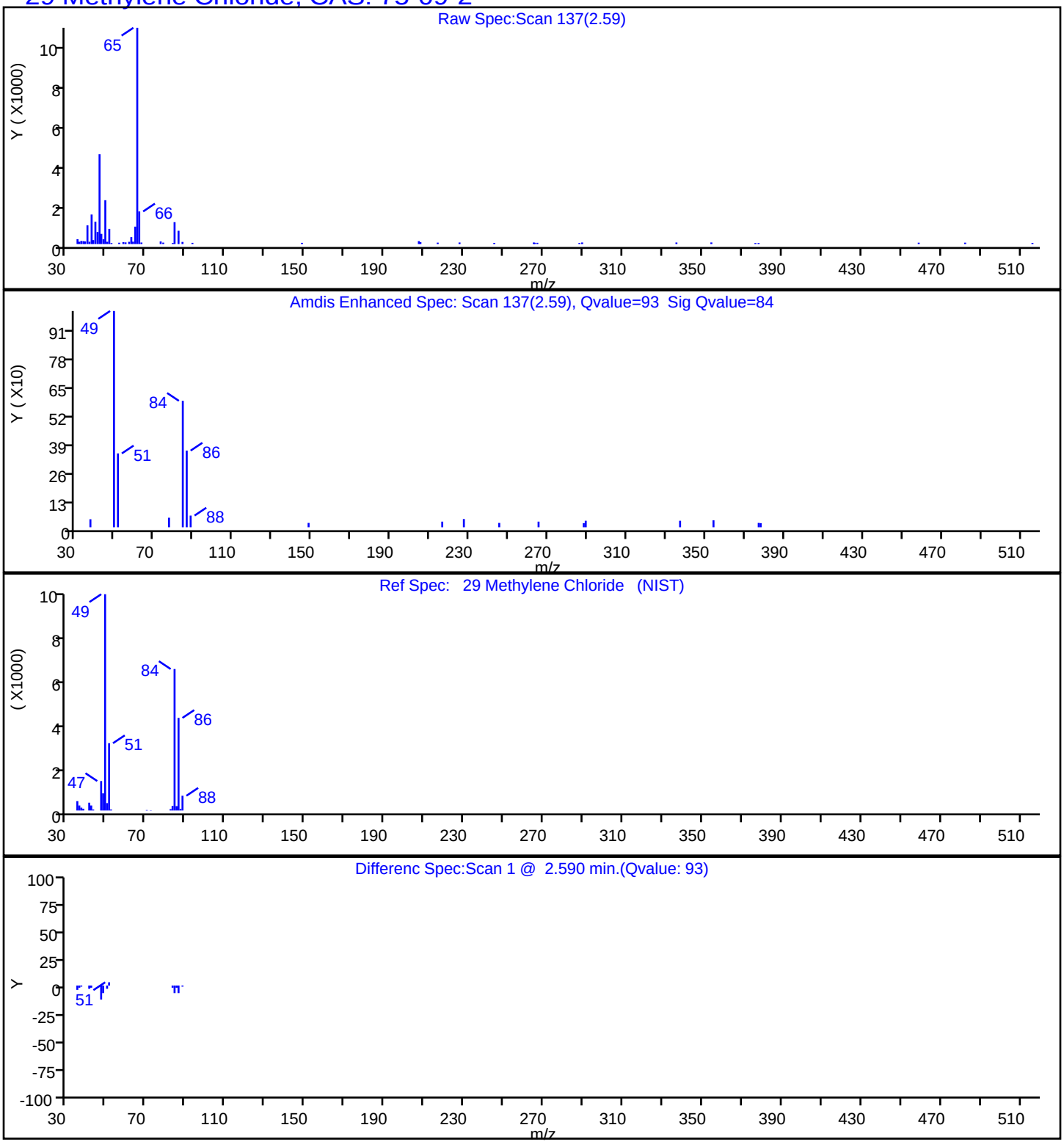
Report Date: 19-Oct-2022 18:49:05 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26554.D

Injection Date:	15-Oct-2022 22:05:30	Instrument ID:	CVOAMS7		
Lims ID:	460-267458-A-12	Lab Sample ID:	460-267458-12		
Client ID:	FB-2_20221013				
Operator ID:		ALS Bottle#:	61	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)	Detector	MS Quad		

29 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-TB-02_20221013 | Lab Sample ID: 460-267458-33

Matrix: Water | Lab File ID: V26552.D

Analysis Method: 8260D | Date Collected: 10/13/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 21:22

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26552.D
Lims ID: 460-267458-A-33
Client ID: TB-2_20221013
Sample Type: Client
Inject. Date: 15-Oct-2022 21:22:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-A-33
Misc. Info.: 460-0151790-010
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: HVW2 Date: 16-Oct-2022 21:04:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	97	27785	1000.0	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	99	305450	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	111491	55.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	98	165305	50.7	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	434825	50.0	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	93	13825	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.247	6.247	0.000	98	496912	48.2	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	271625	50.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	114763	55.7	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	98	127413	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 19-Oct-2022 18:47:34 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26552.D

Injection Date: 15-Oct-2022 21:22:30 Instrument ID: CVOAMS7

Lims ID: 460-267458-A-33 Lab Sample ID: 460-267458-33

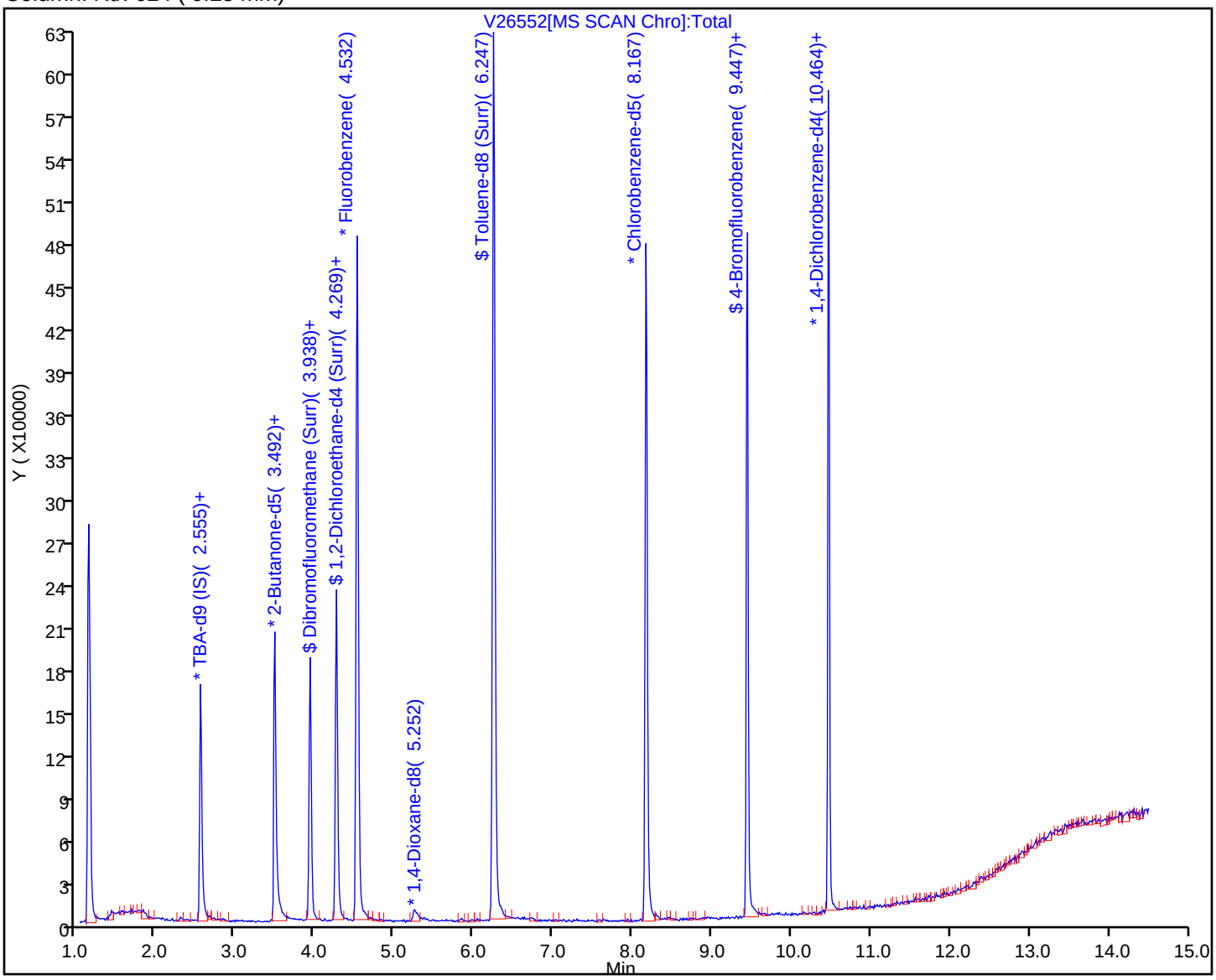
Client ID: TB-2_20221013

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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26552.D
Lims ID: 460-267458-A-33
Client ID: TB-2_20221013
Sample Type: Client
Inject. Date: 15-Oct-2022 21:22:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-A-33
Misc. Info.: 460-0151790-010
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: HVW2 Date: 16-Oct-2022 21:04:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	55.0	109.95
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.7	101.33
$ 82 Toluene-d8 (Surr)	50.0	48.2	96.32
$ 105 4-Bromofluorobenzene	50.0	55.7	111.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-TB-01_20221013 | Lab Sample ID: 460-267521-1

Matrix: Water | Lab File ID: V26618.D

Analysis Method: 8260D | Date Collected: 10/13/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 11:54

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872367 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	0.44	J	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26618.D
Lims ID: 460-267521-B-1
Client ID: L3-TB-01_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 11:54:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-B-1
Misc. Info.: 460-0151847-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 21:03:05 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:03:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.566	2.555	0.011	97	40557	1000.0	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	99	500914	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	178062	56.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	266104	52.4	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	677076	50.0	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	93	18586	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.246	6.247	-0.001	98	791753	48.0	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	433994	50.0	
95 Chlorobenzene	112	8.212	8.201	0.011	87	7040	0.4418	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	187219	56.8	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	98	206360	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 17-Oct-2022 21:03:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26618.D

Injection Date: 17-Oct-2022 11:54:30 Instrument ID: CVOAMS7

Lims ID: 460-267521-B-1 Lab Sample ID: 460-267521-1

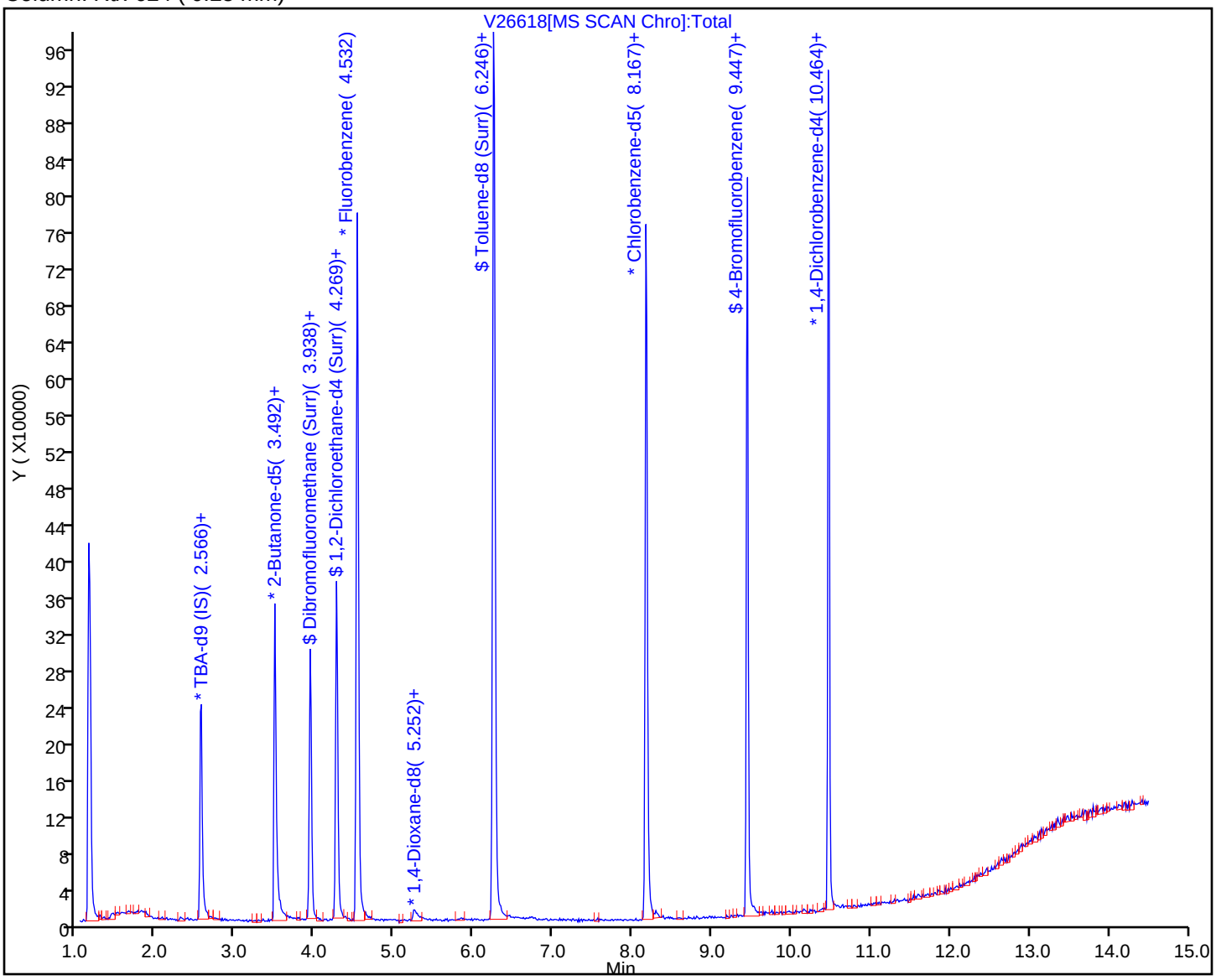
Client ID: L3-TB-01_20221013

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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26618.D
Lims ID: 460-267521-B-1
Client ID: L3-TB-01_20221013
Sample Type: Client
Inject. Date: 17-Oct-2022 11:54:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-B-1
Misc. Info.: 460-0151847-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 21:03:05 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:03:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	56.4	112.77
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.75
$ 82 Toluene-d8 (Surr)	50.0	48.0	96.05
$ 105 4-Bromofluorobenzene	50.0	56.8	113.69

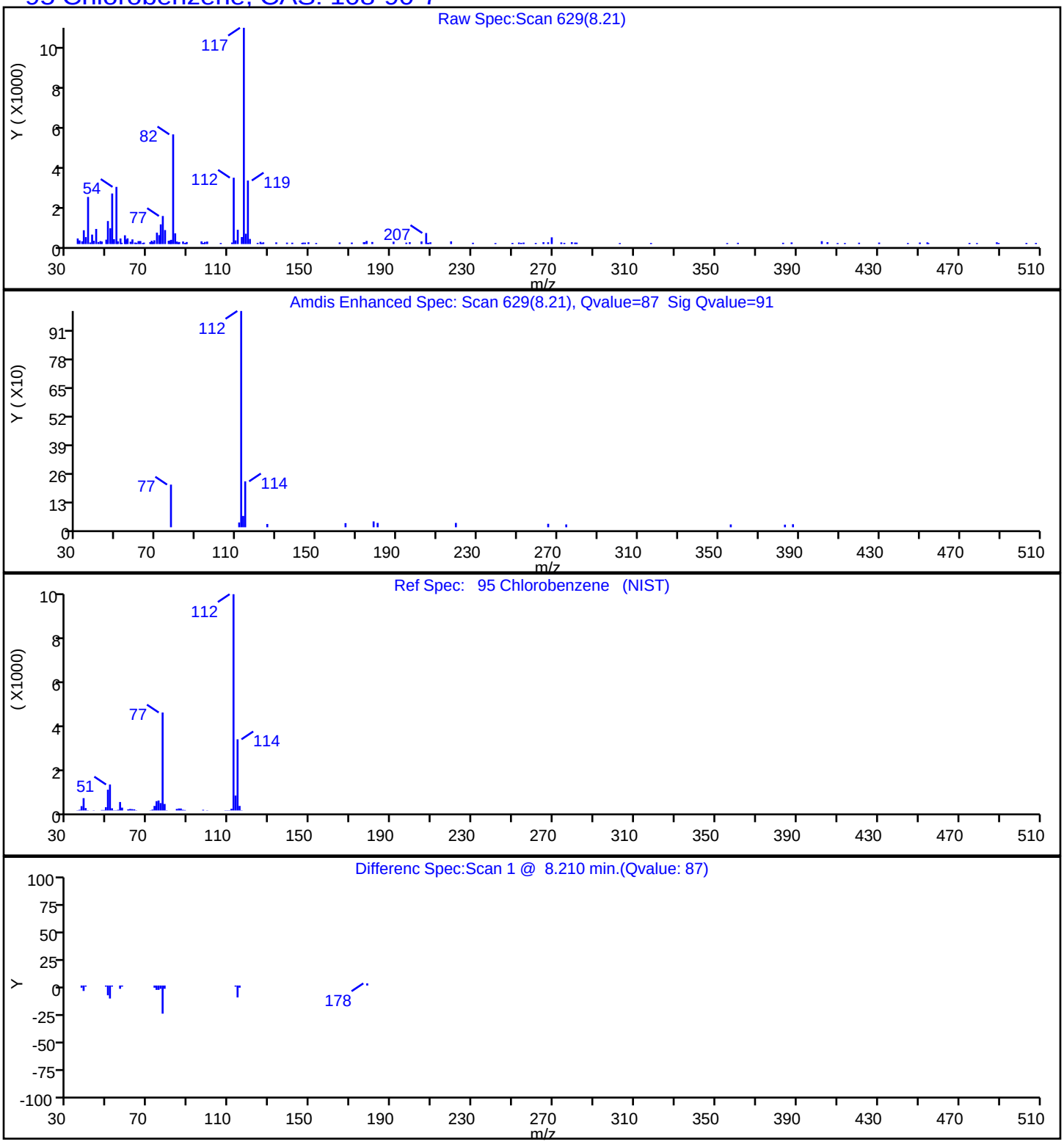
Report Date: 17-Oct-2022 21:03:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26618.D

Injection Date:	17-Oct-2022 11:54:30	Instrument ID:	CVOAMS7
Lims ID:	460-267521-B-1	Lab Sample ID:	460-267521-1
Client ID:	L3-TB-01_20221013		
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

95 Chlorobenzene, CAS: 108-90-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-FB-01_20221013 | Lab Sample ID: 460-267521-2

Matrix: Water | Lab File ID: V26557.D

Analysis Method: 8260D | Date Collected: 10/13/2022 18:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 23:08

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26557.D
Lims ID: 460-267521-A-2
Client ID: L3-FB-01_20221013
Sample Type: Client
Inject. Date: 15-Oct-2022 23:08:30 ALS Bottle#: 64 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-A-2
Misc. Info.: 460-0151790-015
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: HVW2 Date: 16-Oct-2022 21:06:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	96	26149	1000.0	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	99	301064	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	117193	57.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	172387	52.3	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	439032	50.0	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	91	13534	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.247	6.247	0.000	98	499503	46.8	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	93	280737	50.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	118278	55.5	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	98	132384	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 19-Oct-2022 18:52:51 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26557.D

Injection Date: 15-Oct-2022 23:08:30 Instrument ID: CVOAMS7

Lims ID: 460-267521-A-2 Lab Sample ID: 460-267521-2

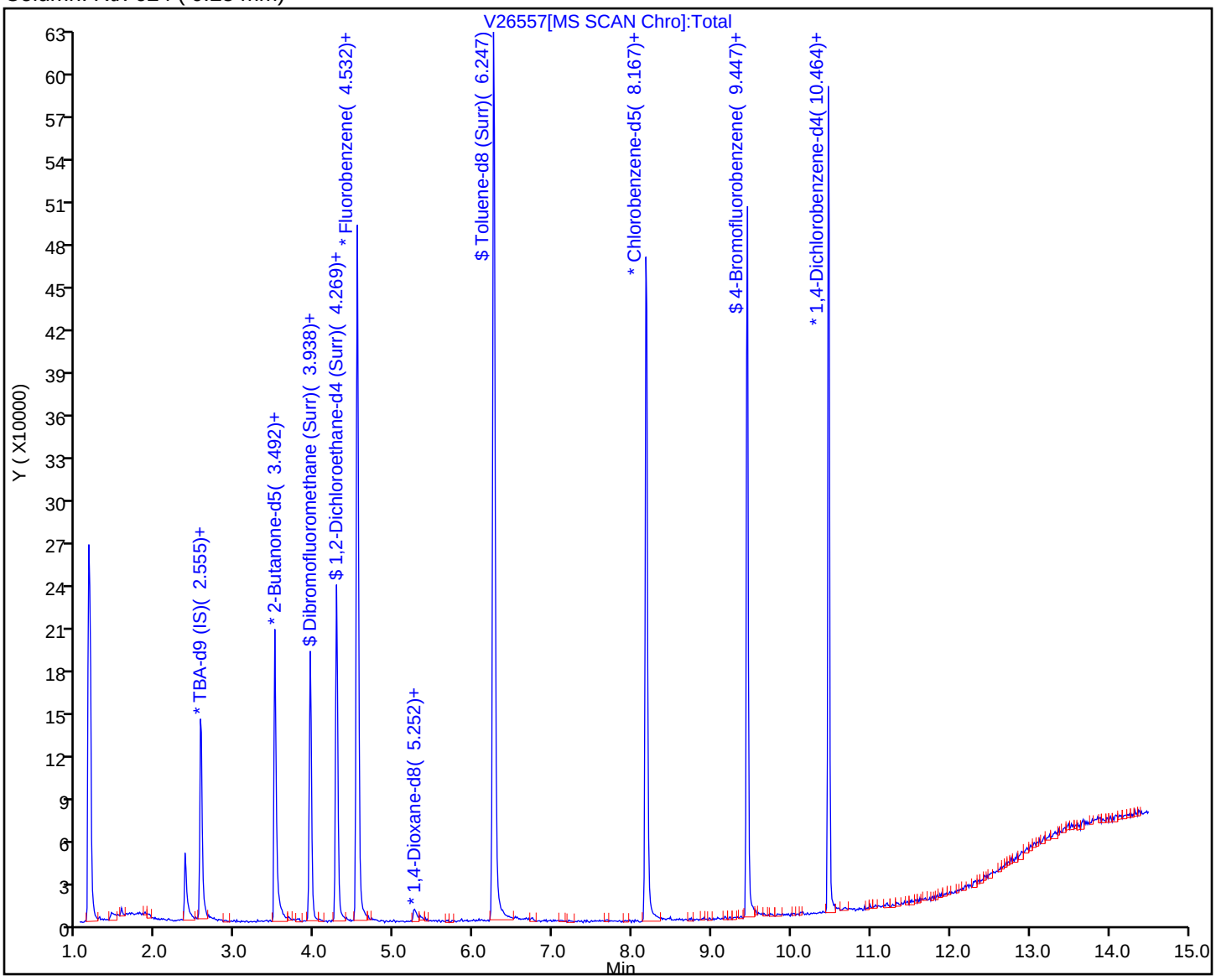
Client ID: L3-FB-01_20221013

Operator ID: ALS Bottle#: 64 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)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26557.D
Lims ID: 460-267521-A-2
Client ID: L3-FB-01_20221013
Sample Type: Client
Inject. Date: 15-Oct-2022 23:08:30 ALS Bottle#: 64 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-A-2
Misc. Info.: 460-0151790-015
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: HVW2 Date: 16-Oct-2022 21:06:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	57.2	114.46
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.65
$ 82 Toluene-d8 (Surr)	50.0	46.8	93.68
$ 105 4-Bromofluorobenzene	50.0	55.5	111.04

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_5-6_20221013 | Lab Sample ID: 460-267521-3

Matrix: Solid | Lab File ID: O82903.d

Analysis Method: 8260D | Date Collected: 10/13/2022 17:00

Sample wt/vol: 4.42(g) | Date Analyzed: 10/18/2022 18:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: 9.9 % Solids: 90.1 | Level: (low/med) Medium

Analysis Batch No.: 872551 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.13	0.037
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	0.13	0.026
79-00-5	1,1,2-Trichloroethane	0.13	U	0.13	0.027
75-34-3	1,1-Dichloroethane	0.13	U	0.13	0.031
75-35-4	1,1-Dichloroethene	0.13	U	0.13	0.035
107-06-2	1,2-Dichloroethane	0.13	U	0.13	0.033
78-87-5	1,2-Dichloropropane	0.13	U	0.13	0.024
75-27-4	Bromodichloromethane	0.13	U	0.13	0.020
56-23-5	Carbon tetrachloride	0.13	U	0.13	0.043
108-90-7	Chlorobenzene	0.13	U	0.13	0.031
75-00-3	Chloroethane	0.13	U	0.13	0.048
67-66-3	Chloroform	0.13	U	0.13	0.029
74-87-3	Chloromethane	0.13	U	0.13	0.053
156-59-2	cis-1,2-Dichloroethene	0.16		0.13	0.034
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.13	0.029
124-48-1	Dibromochloromethane	0.13	U	0.13	0.029
75-09-2	Methylene Chloride	0.068	J	0.13	0.028
127-18-4	Tetrachloroethene	0.13	U	0.13	0.047
156-60-5	trans-1,2-Dichloroethene	0.045	J	0.13	0.024
10061-02-6	trans-1,3-Dichloropropene	0.13	U	0.13	0.029
79-01-6	Trichloroethene	17		0.13	0.029
75-01-4	Vinyl chloride	0.13	U	0.13	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		68-150
460-00-4	Bromofluorobenzene	95		70-150
1868-53-7	Dibromofluoromethane (Surr)	112		68-150
2037-26-5	Toluene-d8 (Surr)	116		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d
Lims ID: 460-267521-B-3-A
Client ID: L3-PP-SB-2_5-6_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 18:53:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267521-B-3-A
Misc. Info.: 460-0151895-026
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 08:39:09 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: NN6A Date: 19-Oct-2022 08:39:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	1.849	1.860	-0.011	87	1386	0.5200	M
* 31 TBA-d9 (IS)	65	1.906	1.883	0.023	99	138175	1000.0	M
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	45	827	0.3417	
* 43 2-Butanone-d5	46	2.682	2.671	0.011	100	127494	250.0	
45 cis-1,2-Dichloroethene	96	2.694	2.705	-0.011	28	3247	1.21	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	124299	53.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	127617	55.4	
* 65 Fluorobenzene	96	3.653	3.664	-0.011	99	455689	50.0	
67 Trichloroethene	95	4.007	4.007	0.000	96	365404	131.0	
* 72 1,4-Dioxane-d8	96	4.429	4.338	0.091	0	31311	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.001	99	570642	55.8	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	85	407091	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	89	143314	45.5	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	95	189440	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

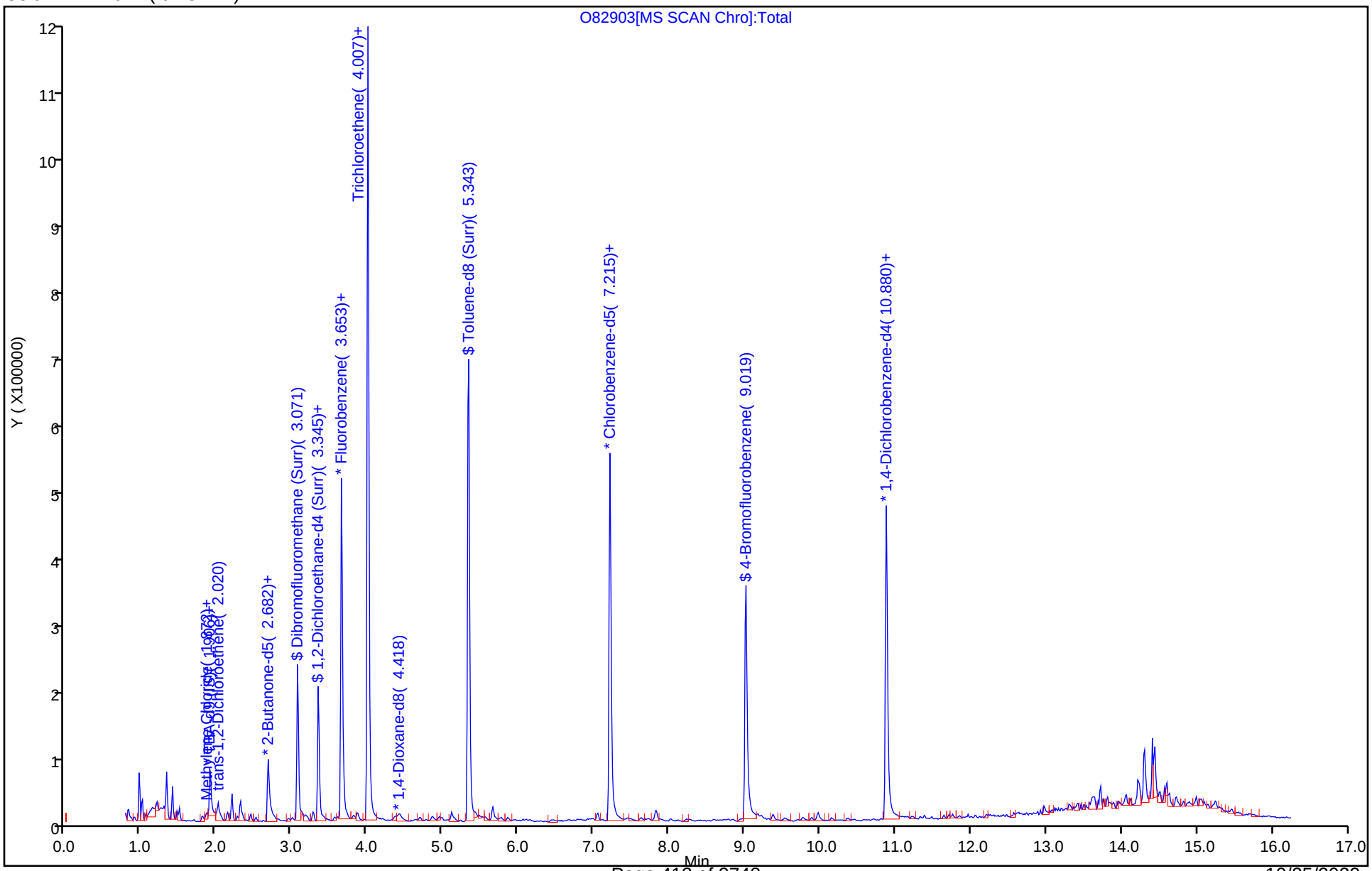
Report Date: 19-Oct-2022 08:39:09 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d

Injection Date:	18-Oct-2022 18:53:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-267521-B-3-A	Lab Sample ID:	460-267521-3	Worklist Smp#:	26
Client ID:	L3-PP-SB-2_5-6_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	26
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d
Lims ID: 460-267521-B-3-A
Client ID: L3-PP-SB-2_5-6_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 18:53:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267521-B-3-A
Misc. Info.: 460-0151895-026
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 08:39:09 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

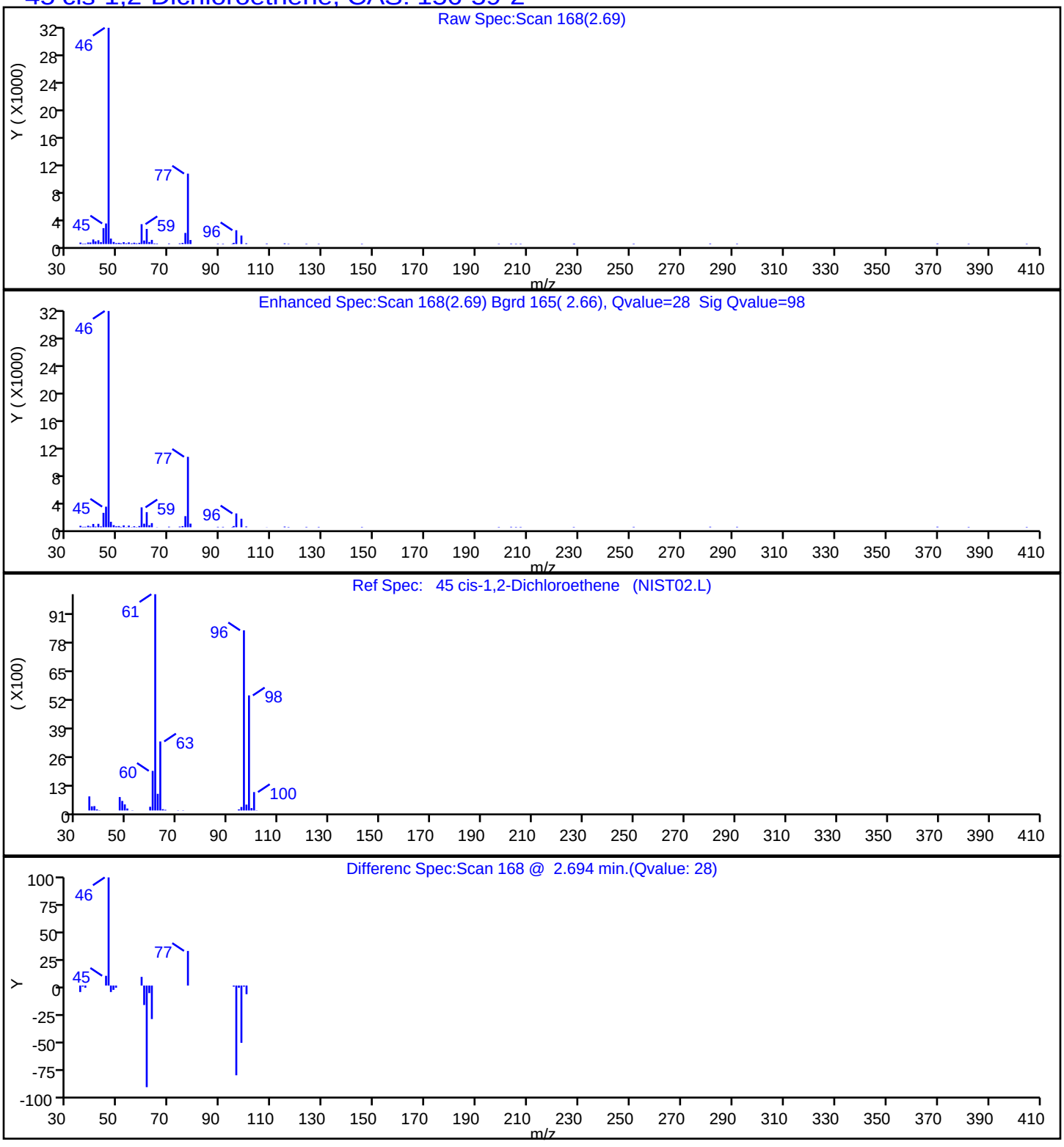
First Level Reviewer: NN6A Date: 19-Oct-2022 08:39:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	2500.0	53.9	107.71
$ 58 1,2-Dichloroethane-d4 (Surr)	2500.0	55.4	110.87
$ 83 Toluene-d8 (Surr)	2500.0	55.8	111.50
$ 105 4-Bromofluorobenzene	2500.0	45.5	90.95

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d
Injection Date: 18-Oct-2022 18:53:30 Instrument ID: CVOAMS12
Lims ID: 460-267521-B-3-A Lab Sample ID: 460-267521-3
Client ID: L3-PP-SB-2_5-6_20221013
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

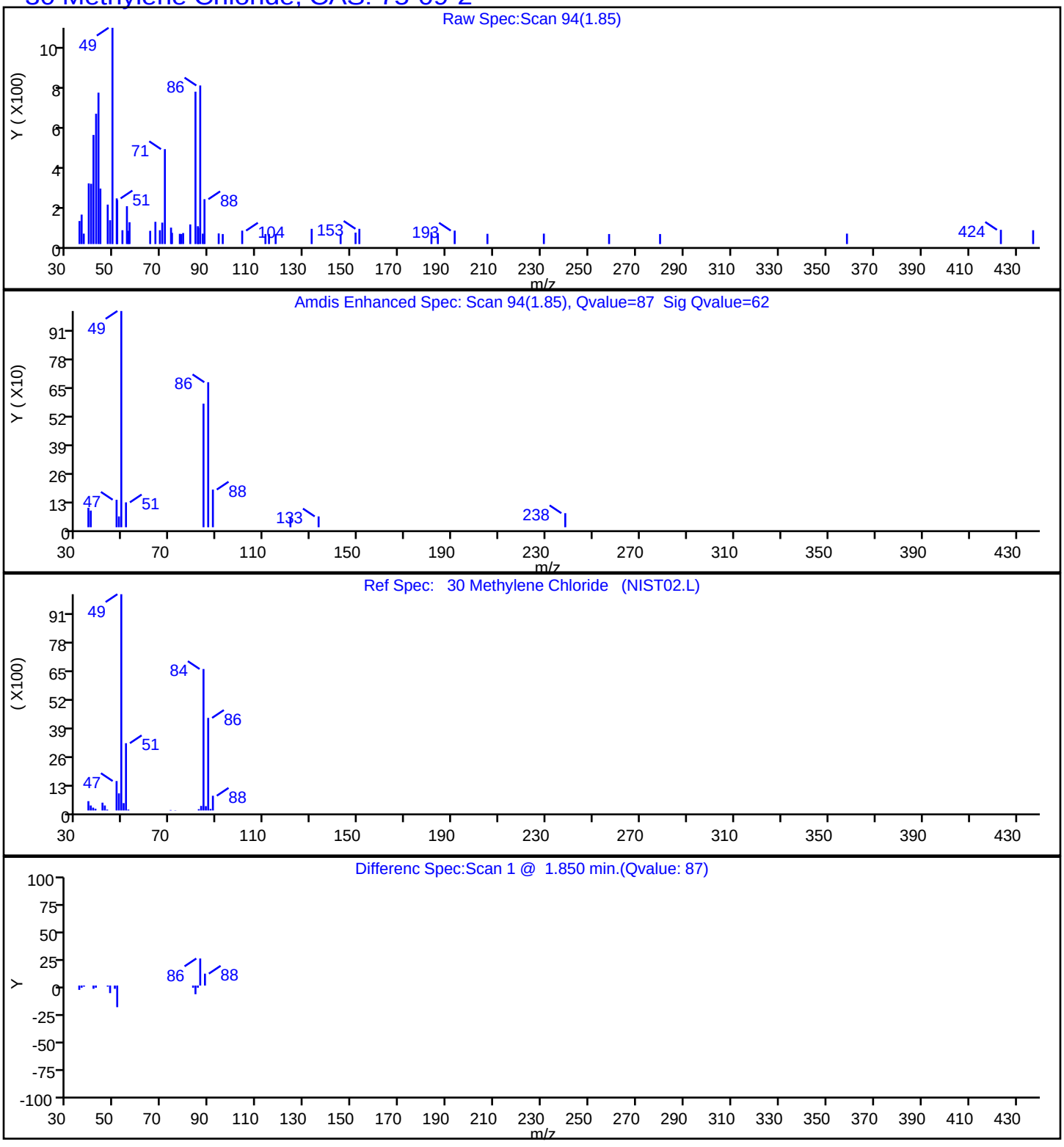
45 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d
Injection Date: 18-Oct-2022 18:53:30 Instrument ID: CVOAMS12
Lims ID: 460-267521-B-3-A Lab Sample ID: 460-267521-3
Client ID: L3-PP-SB-2_5-6_20221013
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

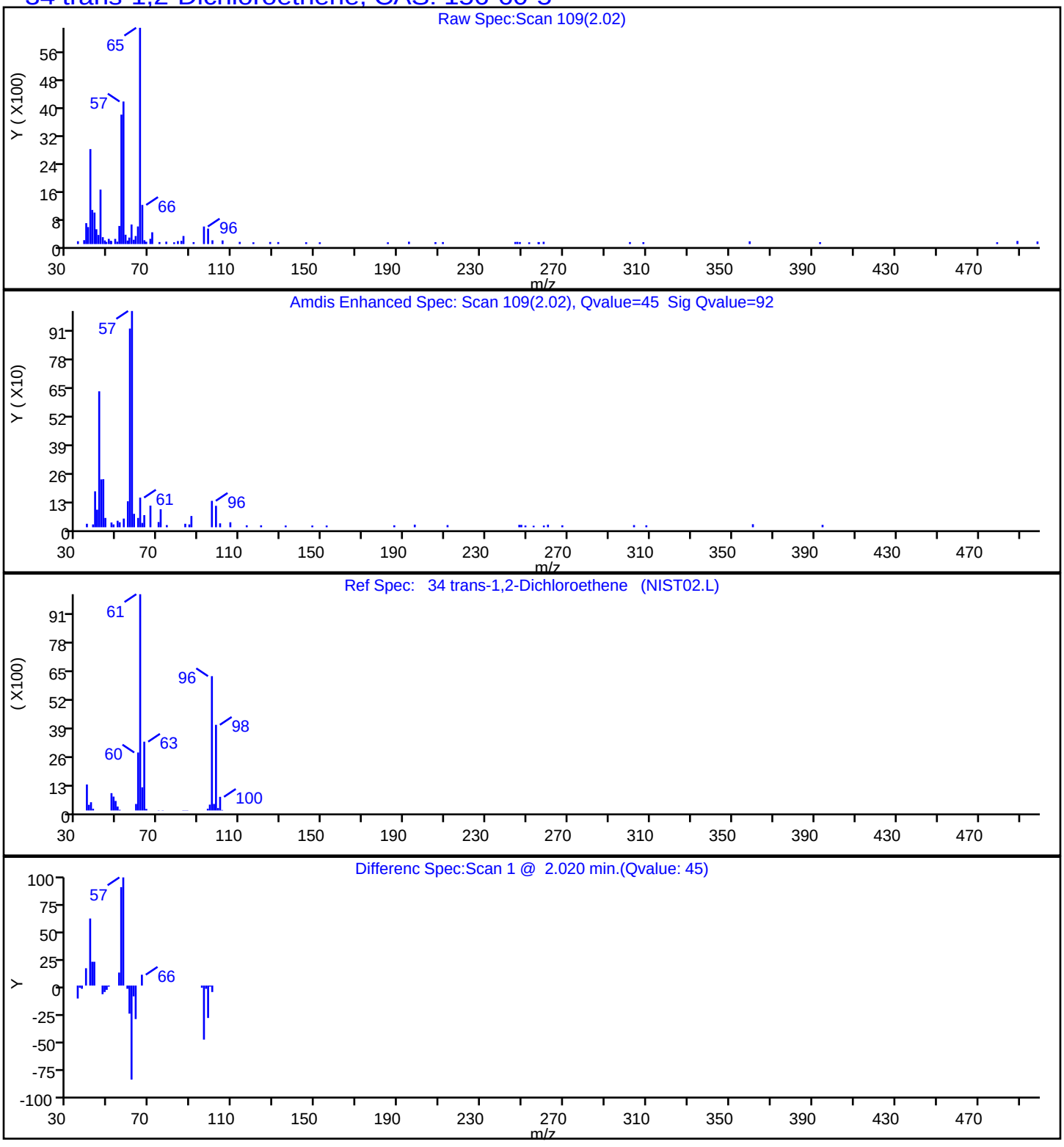
30 Methylene Chloride, CAS: 75-09-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d
Injection Date: 18-Oct-2022 18:53:30 Instrument ID: CVOAMS12
Lims ID: 460-267521-B-3-A Lab Sample ID: 460-267521-3
Client ID: L3-PP-SB-2_5-6_20221013
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

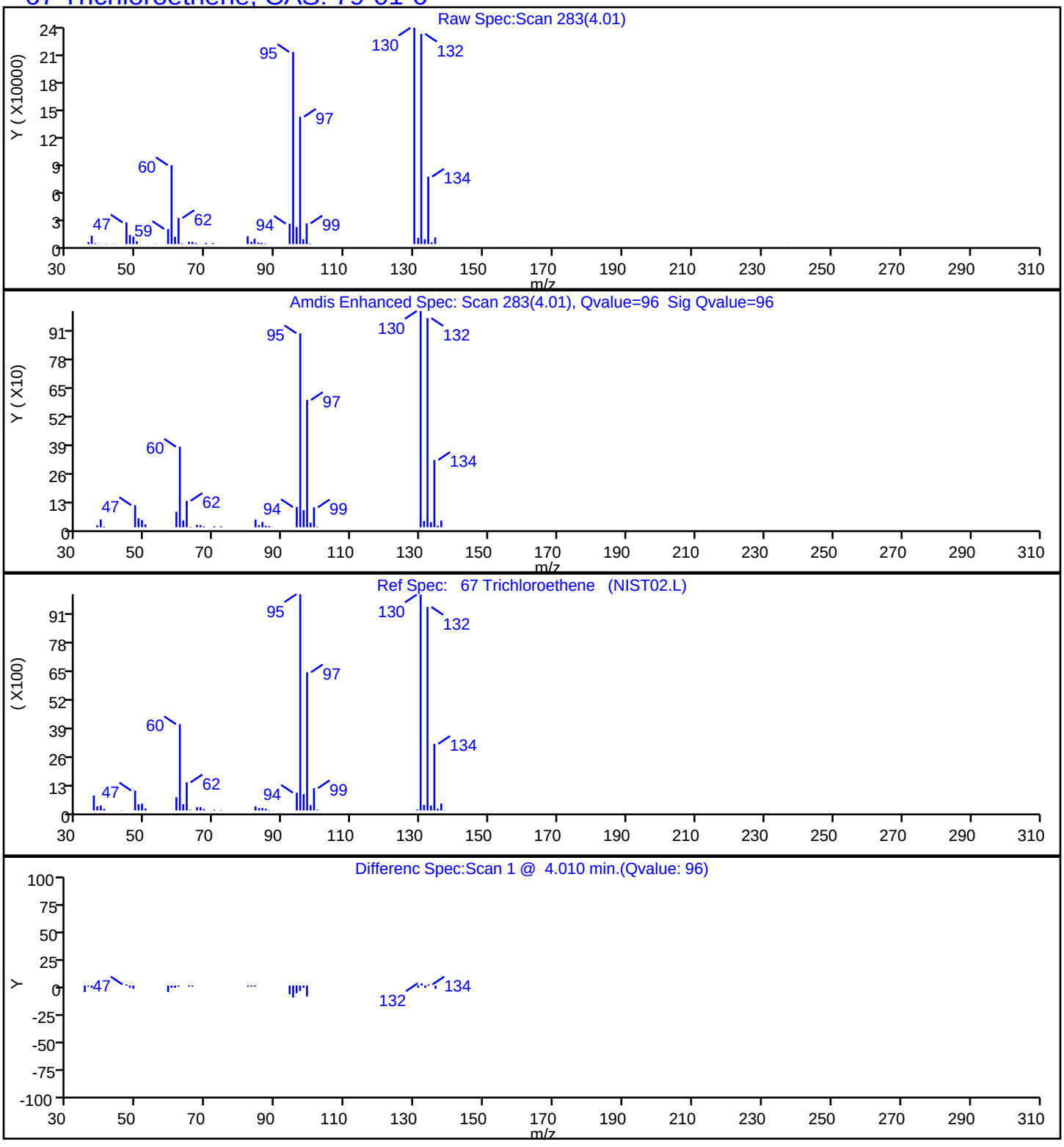
34 trans-1,2-Dichloroethene, CAS: 156-60-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d
Injection Date: 18-Oct-2022 18:53:30 Instrument ID: CVOAMS12
Lims ID: 460-267521-B-3-A Lab Sample ID: 460-267521-3
Client ID: L3-PP-SB-2_5-6_20221013
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



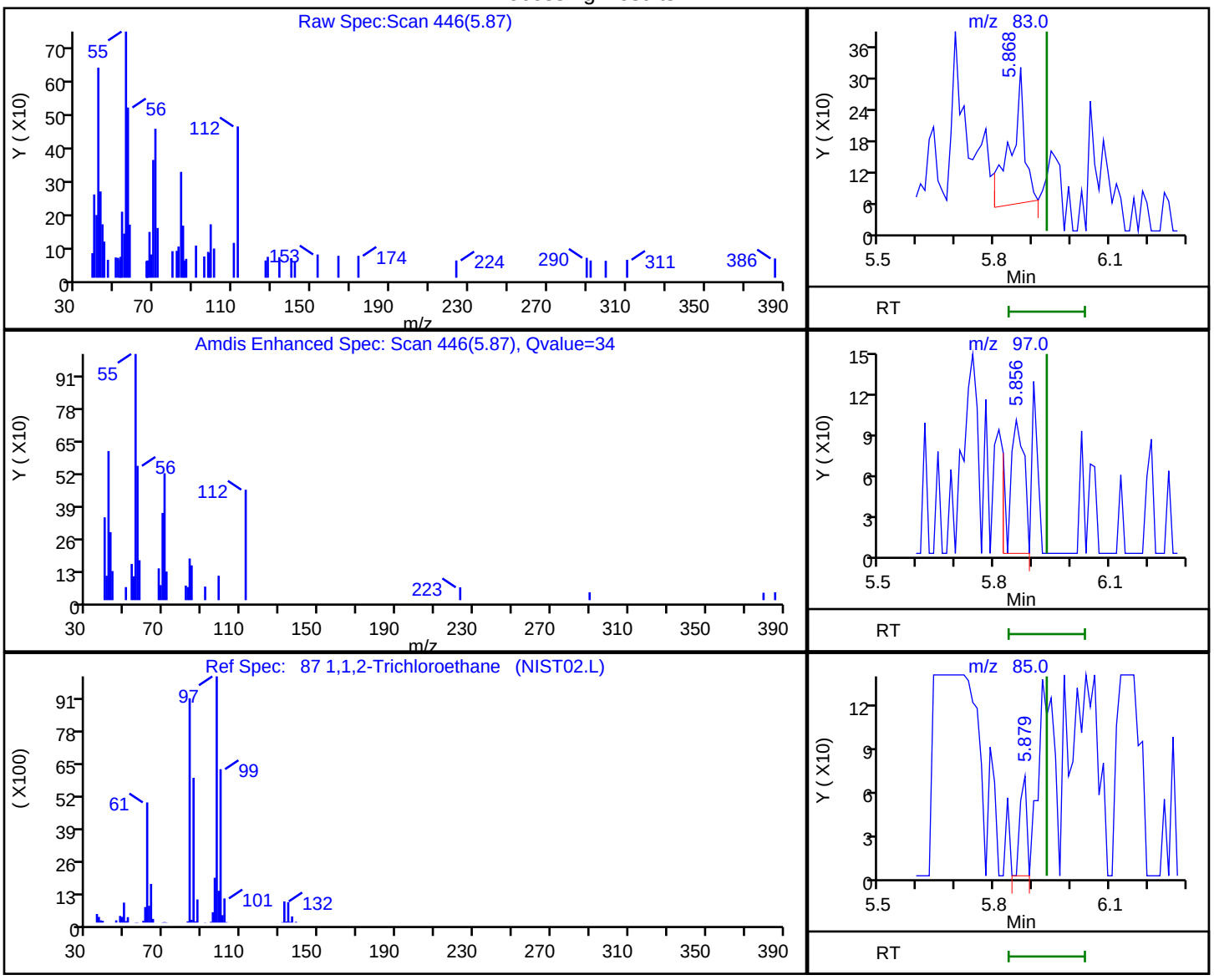
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d				
Injection Date:	18-Oct-2022 18:53:30	Instrument ID:	CVOAMS12		
Lims ID:	460-267521-B-3-A	Lab Sample ID:	460-267521-3		
Client ID:	L3-PP-SB-2_5-6_20221013				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.87	83.00	666	0.345408
5.86	97.00	269	
5.88	85.00	83	

Reviewer: HVW2, 18-Oct-2022 23:55:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

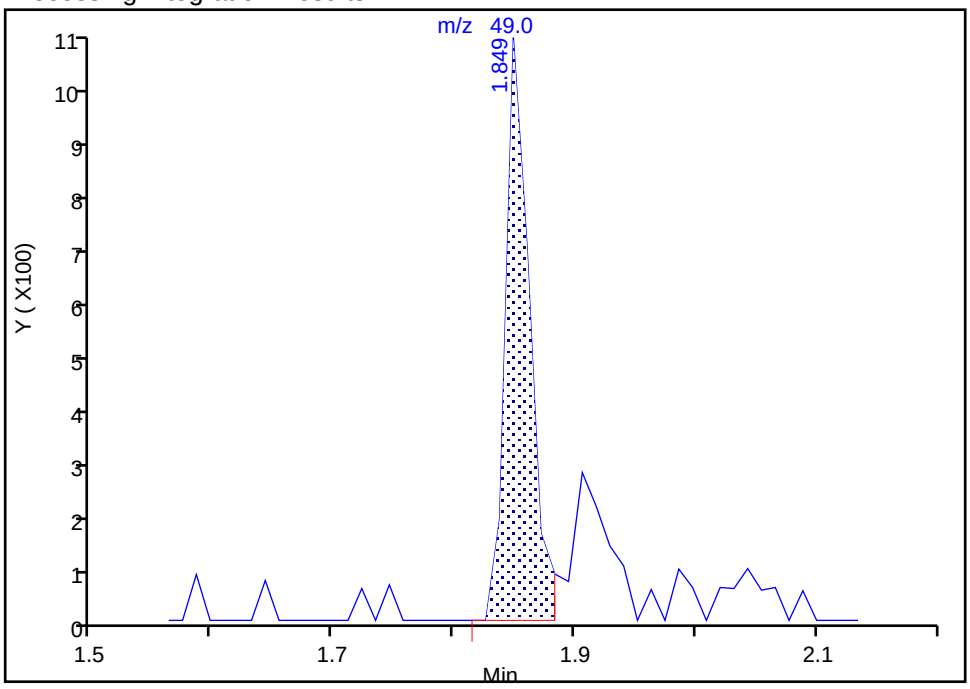
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Injection Date: 18-Oct-2022 18:53:30 Instrument ID: CVOAMS12
Lims ID: 460-267521-B-3-A Lab Sample ID: 460-267521-3
Client ID: L3-PP-SB-2_5-6_20221013
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 2

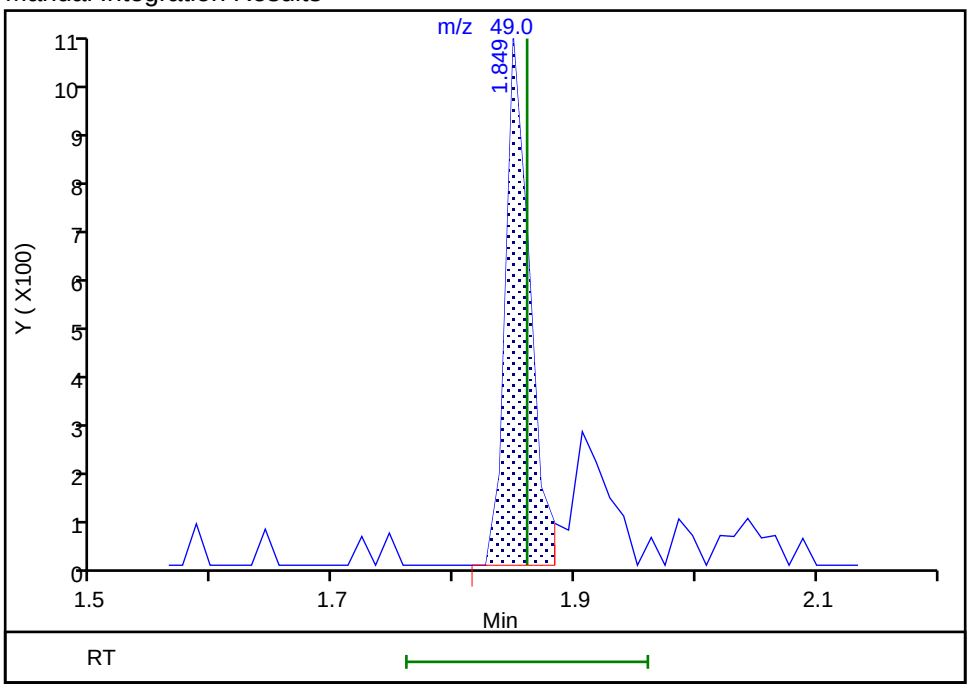
Processing Integration Results

RT: 1.85
Area: 1510
Amount: 0.920376
Amount Units: ug/l



Manual Integration Results

RT: 1.85
Area: 1510
Amount: 0.520033
Amount Units: ug/l



Reviewer: HVW2, 18-Oct-2022 23:55:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d

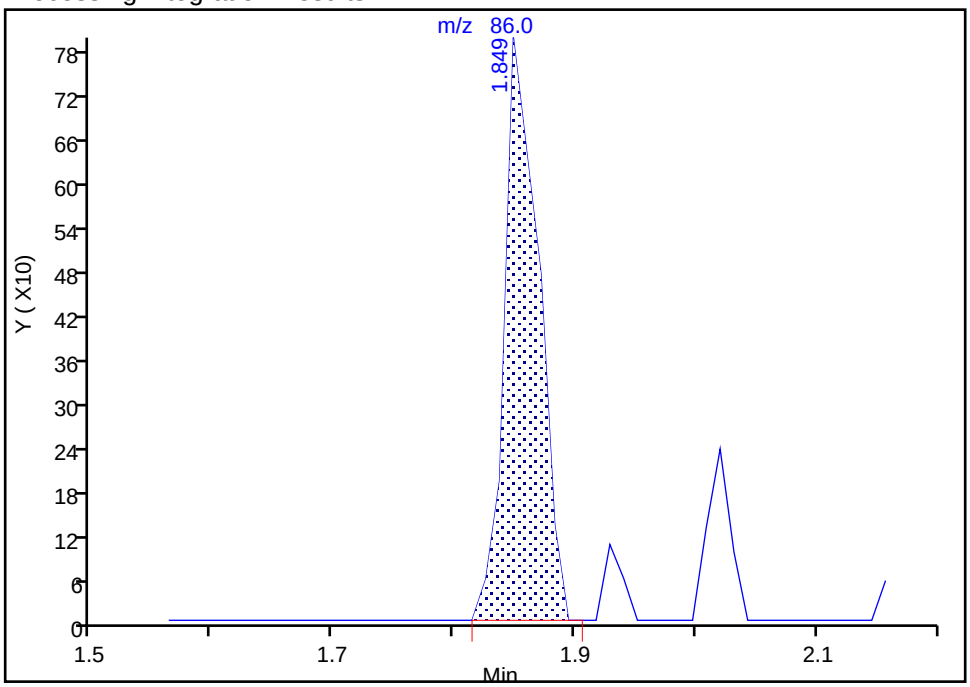
Injection Date:	18-Oct-2022 18:53:30	Instrument ID:	CVOAMS12		
Lims ID:	460-267521-B-3-A	Lab Sample ID:	460-267521-3		
Client ID:	L3-PP-SB-2_5-6_20221013				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

Signal: 3

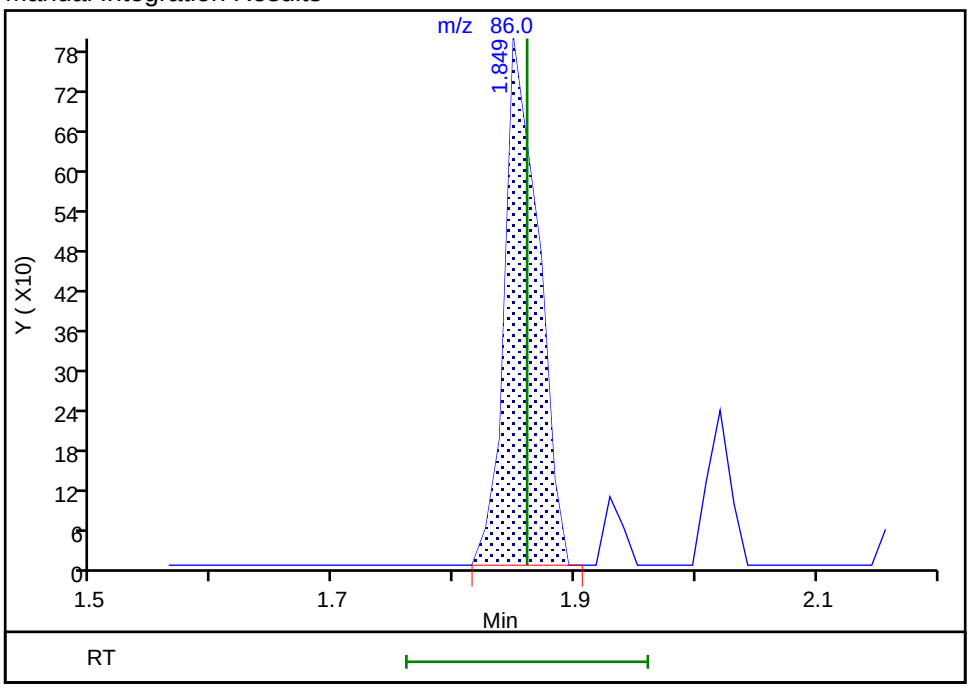
Processing Integration Results

RT: 1.85
Area: 1555
Amount: 0.920376
Amount Units: ug/l



Manual Integration Results

RT: 1.85
Area: 1555
Amount: 0.520033
Amount Units: ug/l



Reviewer: HVW2, 18-Oct-2022 23:55:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

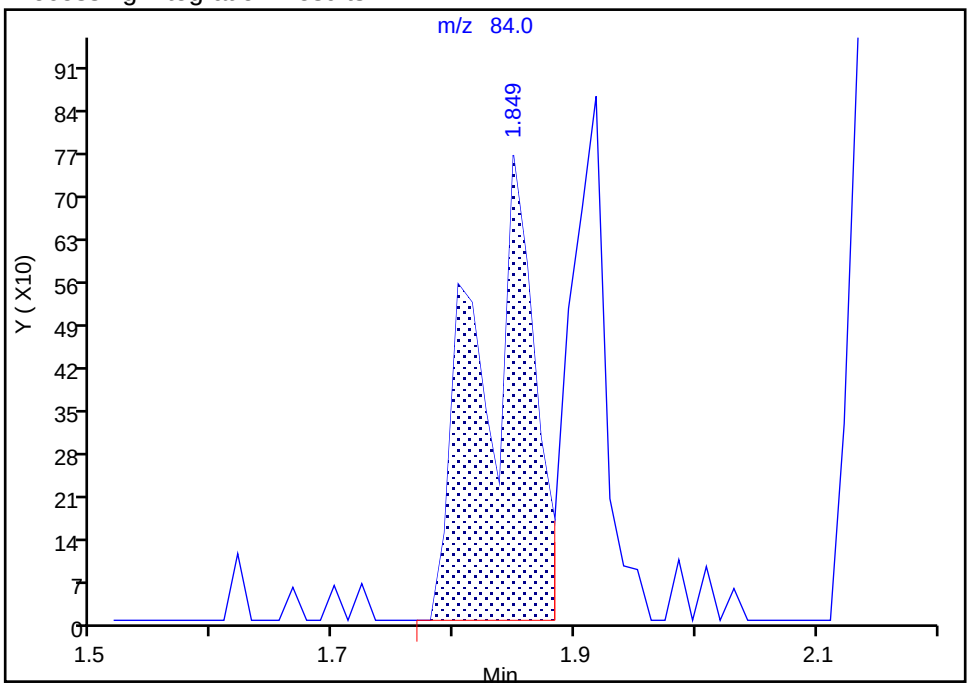
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d				
Injection Date:	18-Oct-2022 18:53:30	Instrument ID:	CVOAMS12		
Lims ID:	460-267521-B-3-A	Lab Sample ID:	460-267521-3		
Client ID:	L3-PP-SB-2_5-6_20221013				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

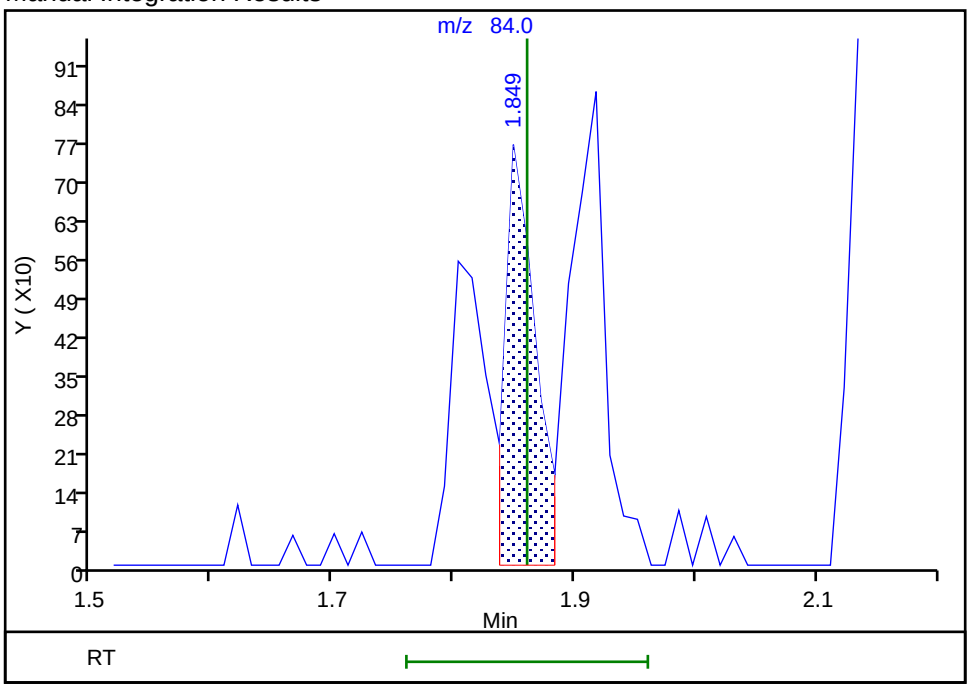
Processing Integration Results

RT: 1.85
Area: 2453
Amount: 0.920376
Amount Units: ug/l



Manual Integration Results

RT: 1.85
Area: 1386
Amount: 0.520033
Amount Units: ug/l



Reviewer: NN6A, 19-Oct-2022 08:38:51
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

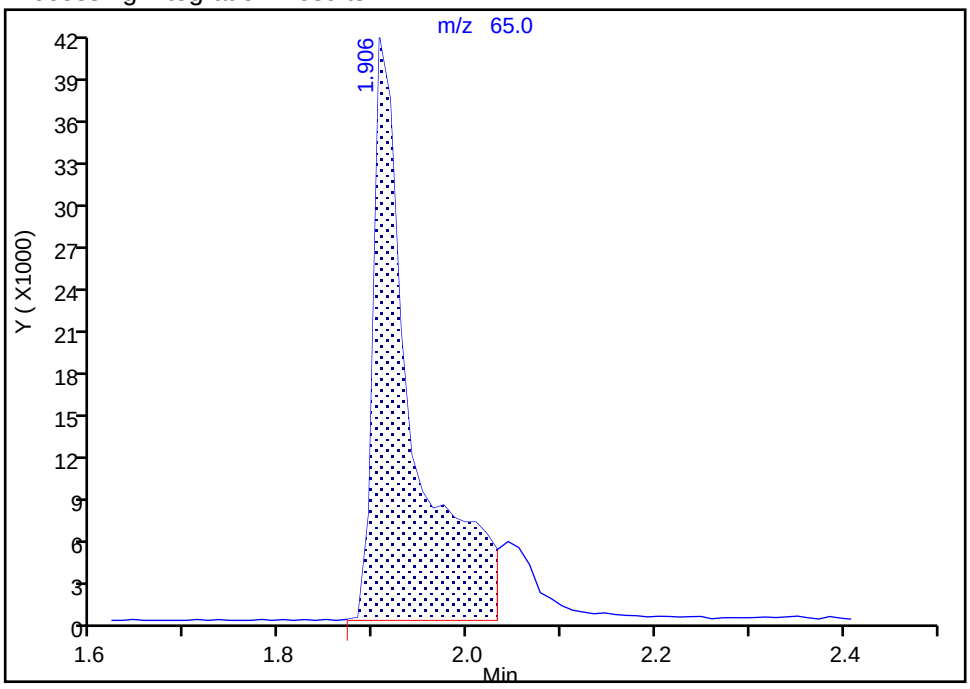
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82903.d
Injection Date: 18-Oct-2022 18:53:30 Instrument ID: CVOAMS12
Lims ID: 460-267521-B-3-A Lab Sample ID: 460-267521-3
Client ID: L3-PP-SB-2_5-6_20221013
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

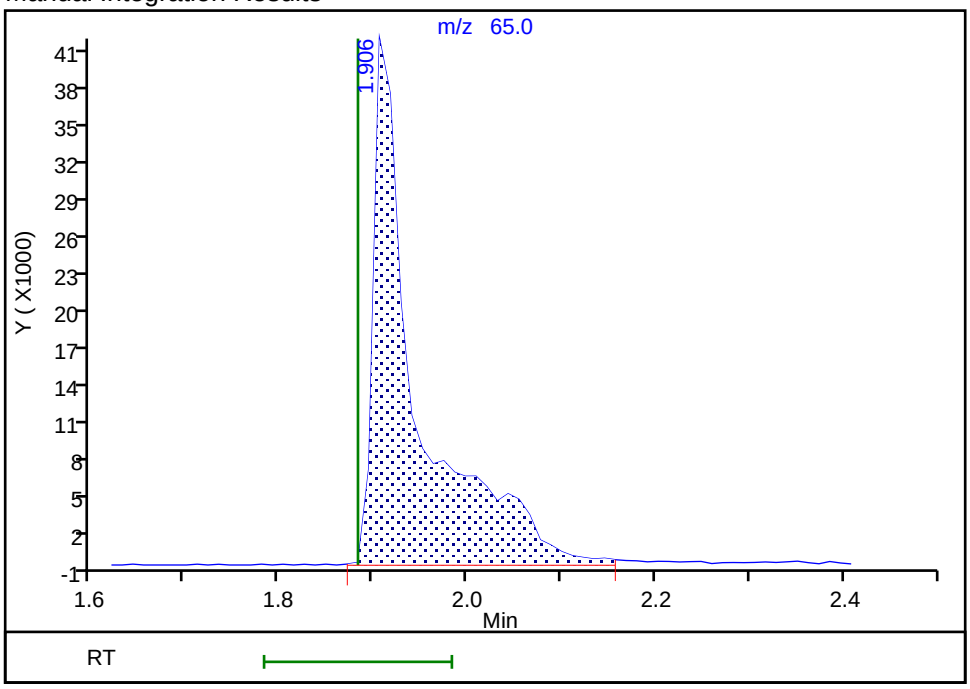
Processing Integration Results

RT: 1.91
Area: 122516
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.91
Area: 138175
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 19-Oct-2022 08:38:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-SB-X4_20221013 | Lab Sample ID: 460-267521-4

Matrix: Solid | Lab File ID: D99292.D

Analysis Method: 8260D | Date Collected: 10/13/2022 18:00

Sample wt/vol: 3.14(g) | Date Analyzed: 10/18/2022 16:38

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.1 % Solids: 89.9 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041
79-34-5	1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00038
79-00-5	1,1,2-Trichloroethane	0.0018	U	0.0018	0.00032
75-34-3	1,1-Dichloroethane	0.0018	U	0.0018	0.00036
75-35-4	1,1-Dichloroethene	0.00075	J	0.0018	0.00040
107-06-2	1,2-Dichloroethane	0.0018	U	0.0018	0.00052
78-87-5	1,2-Dichloropropane	0.0018	U	0.0018	0.00075
75-27-4	Bromodichloromethane	0.0018	U	0.0018	0.00046
56-23-5	Carbon tetrachloride	0.0018	U	0.0018	0.00069
108-90-7	Chlorobenzene	0.0018	U	0.0018	0.00031
75-00-3	Chloroethane	0.0018	U	0.0018	0.00092
67-66-3	Chloroform	0.0018	U	0.0018	0.0017
74-87-3	Chloromethane	0.0018	U	0.0018	0.00077
156-59-2	cis-1,2-Dichloroethene	0.0068		0.0018	0.00063
10061-01-5	cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00048
124-48-1	Dibromochloromethane	0.0018	U	0.0018	0.00034
75-09-2	Methylene Chloride	0.0036		0.0035	0.0020
127-18-4	Tetrachloroethene	0.0018	U	0.0018	0.00054
156-60-5	trans-1,2-Dichloroethene	0.0011	J	0.0018	0.00044
10061-02-6	trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047
79-01-6	Trichloroethene	0.41		0.0018	0.00057
75-01-4	Vinyl chloride	0.0018	U	0.0018	0.00097

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D
Lims ID: 460-267521-C-4-A
Client ID: L3-SB-X4_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 16:38:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-4-A
Misc. Info.: 460-0151878-028
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 16:26:07 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 10:49:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 1,1-Dichloroethene	96	2.613	2.613	0.000	95	2079	0.4213	
30 Methylene Chloride	84	3.113	3.119	-0.006	90	9713	2.01	
* 31 TBA-d9 (IS)	65	3.132	3.132	0.000	0	145559	1000.0	
34 trans-1,2-Dichloroethene	96	3.327	3.327	0.000	92	3319	0.6127	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	41	150395	250.0	
44 cis-1,2-Dichloroethene	96	4.394	4.394	0.000	98	20449	3.86	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	227572	56.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	167388	48.7	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	574401	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	98	1093107	231.7	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	10883	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	766726	52.3	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	509846	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	211784	52.6	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.001	94	249101	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 20-Oct-2022 10:49:26 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D

Injection Date:	18-Oct-2022 16:38:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267521-C-4-A	Lab Sample ID:	460-267521-4	Worklist Smp#:	28
Client ID:	L3-SB-X4_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D
Lims ID: 460-267521-C-4-A
Client ID: L3-SB-X4_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 16:38:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-4-A
Misc. Info.: 460-0151878-028
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 16:26:07 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 10:49:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	56.5	112.91
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.7	97.48
$ 82 Toluene-d8 (Surr)	50.0	52.3	104.56
$ 104 4-Bromofluorobenzene	50.0	52.6	105.24

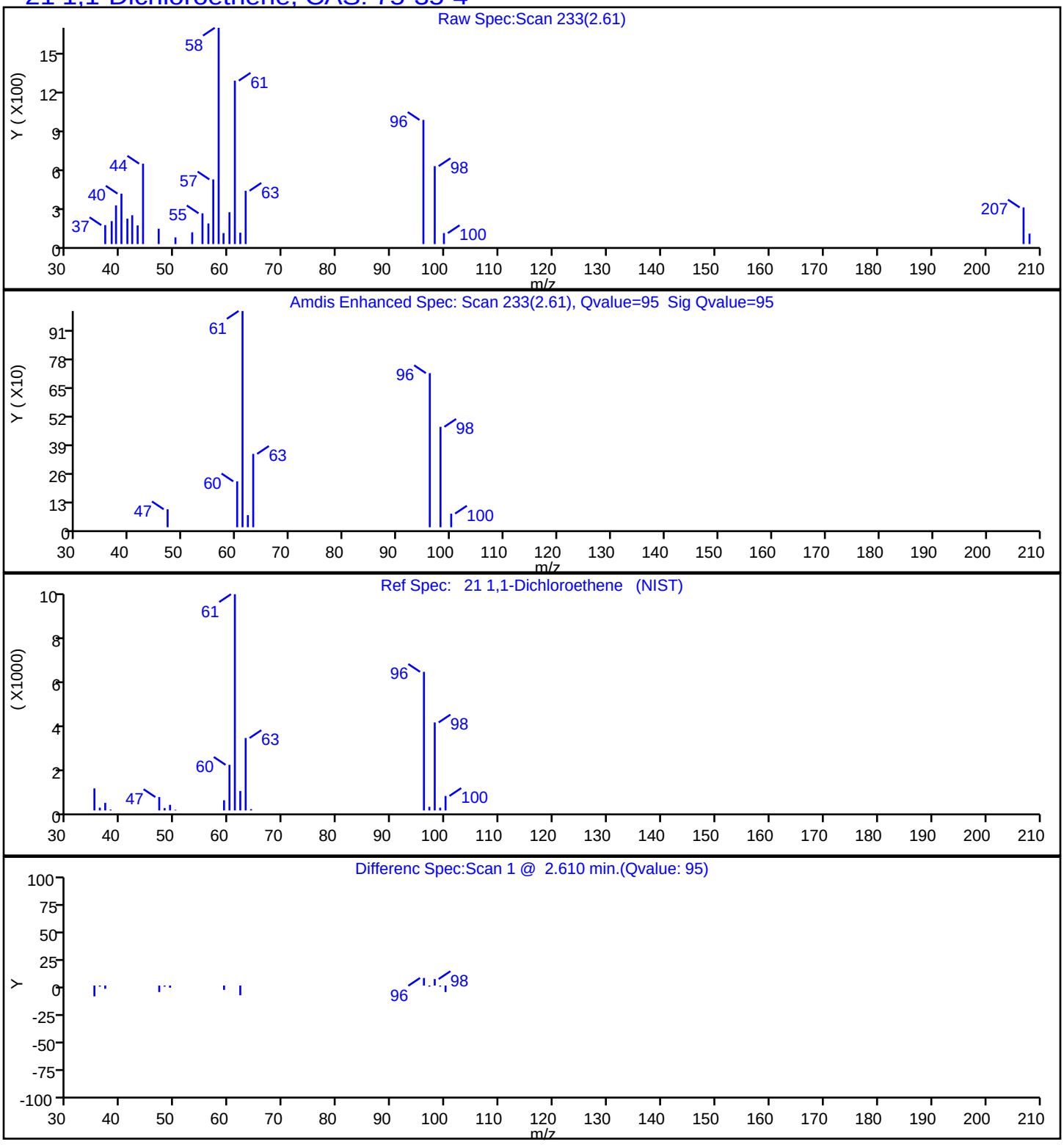
Report Date: 20-Oct-2022 10:49:26 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D

Injection Date:	18-Oct-2022 16:38:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267521-C-4-A	Lab Sample ID:	460-267521-4		
Client ID:	L3-SB-X4_20221013				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

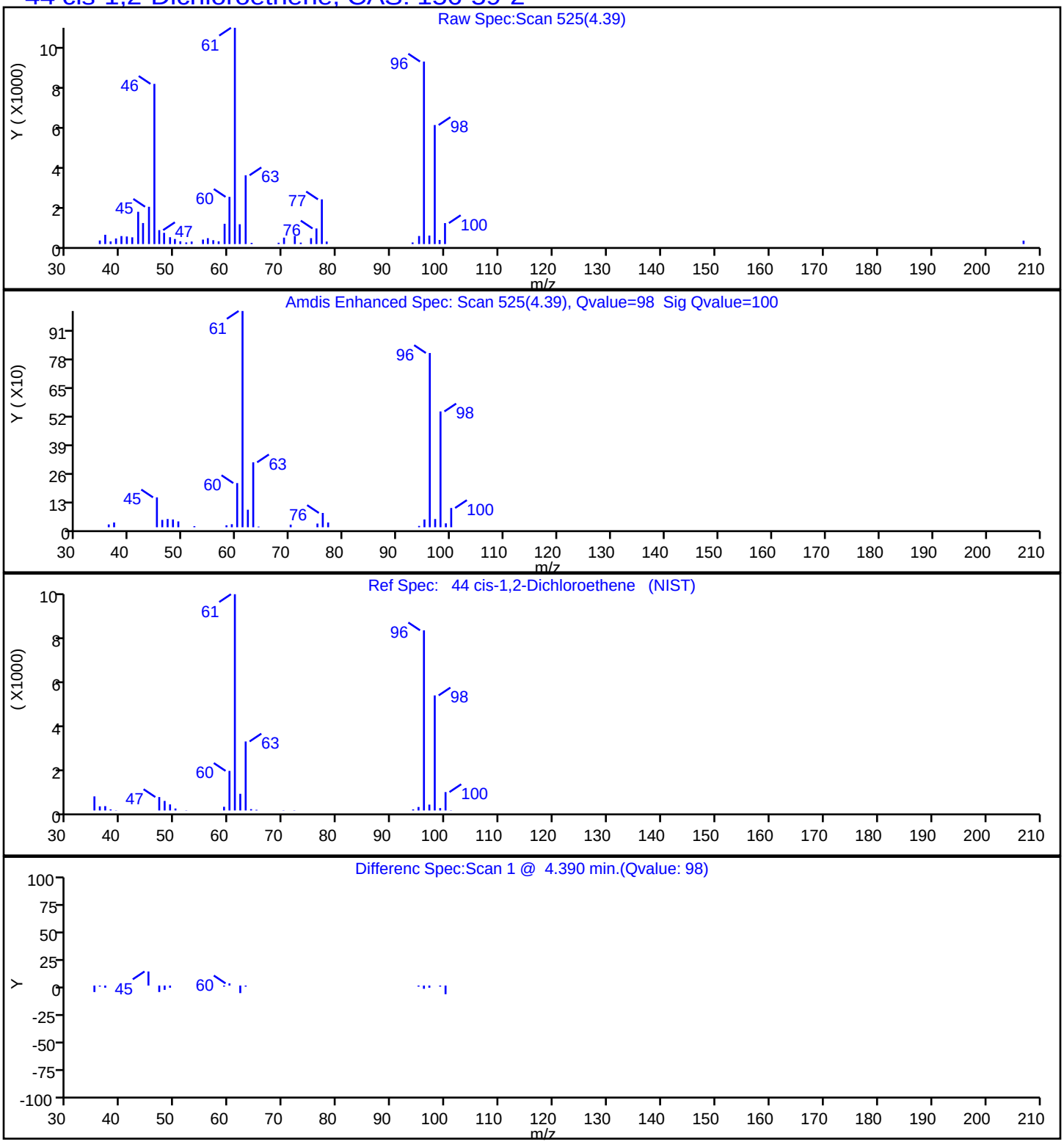
21 1,1-Dichloroethene, CAS: 75-35-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D
Injection Date: 18-Oct-2022 16:38:30 Instrument ID: CVOAMS4
Lims ID: 460-267521-C-4-A Lab Sample ID: 460-267521-4
Client ID: L3-SB-X4_20221013
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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



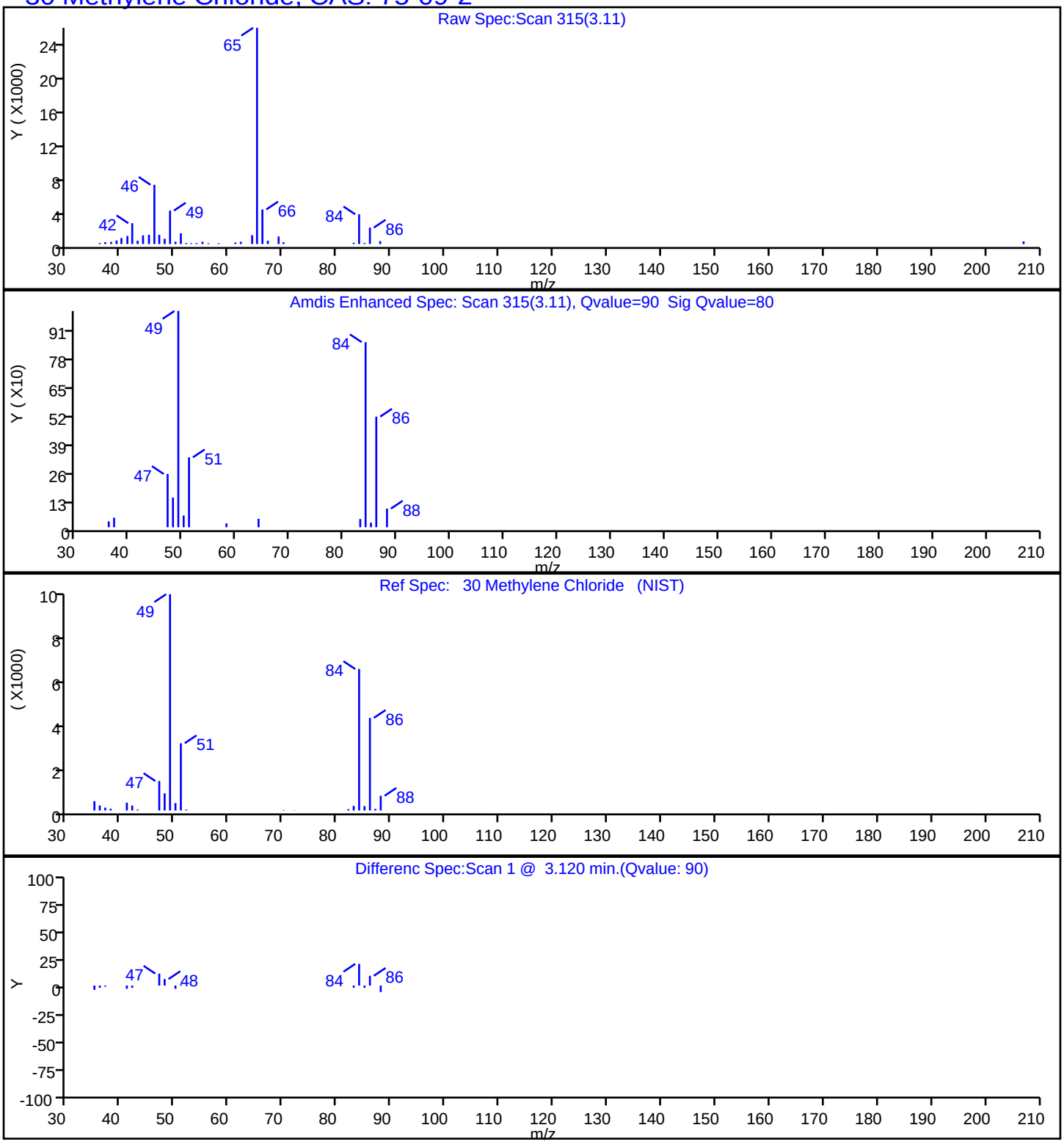
Report Date: 20-Oct-2022 10:49:26 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D

Injection Date:	18-Oct-2022 16:38:30	Instrument ID:	CVOAMS4
Lims ID:	460-267521-C-4-A	Lab Sample ID:	460-267521-4
Client ID:	L3-SB-X4_20221013		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

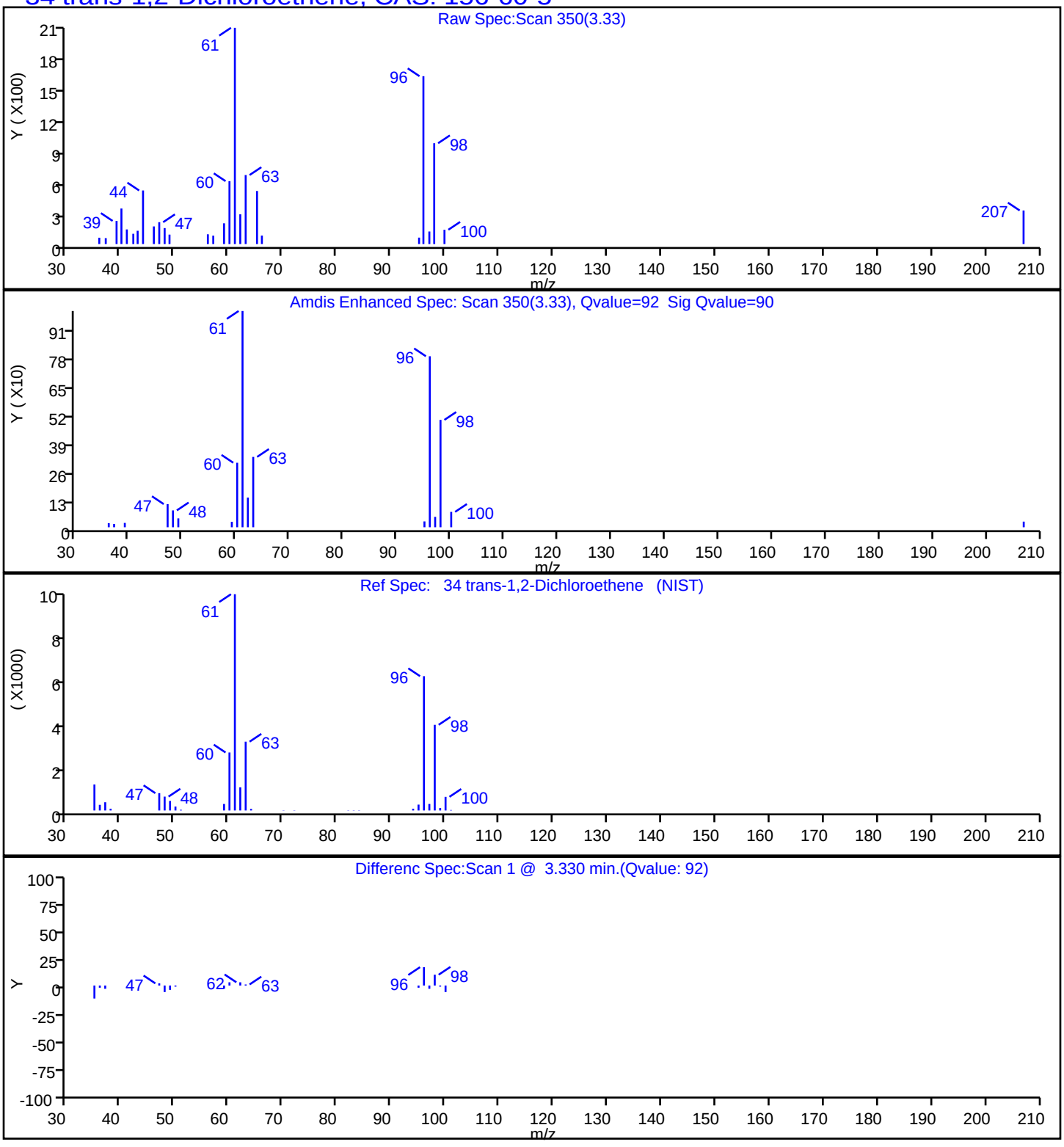
30 Methylene Chloride, CAS: 75-09-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D
Injection Date: 18-Oct-2022 16:38:30 Instrument ID: CVOAMS4
Lims ID: 460-267521-C-4-A Lab Sample ID: 460-267521-4
Client ID: L3-SB-X4_20221013
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

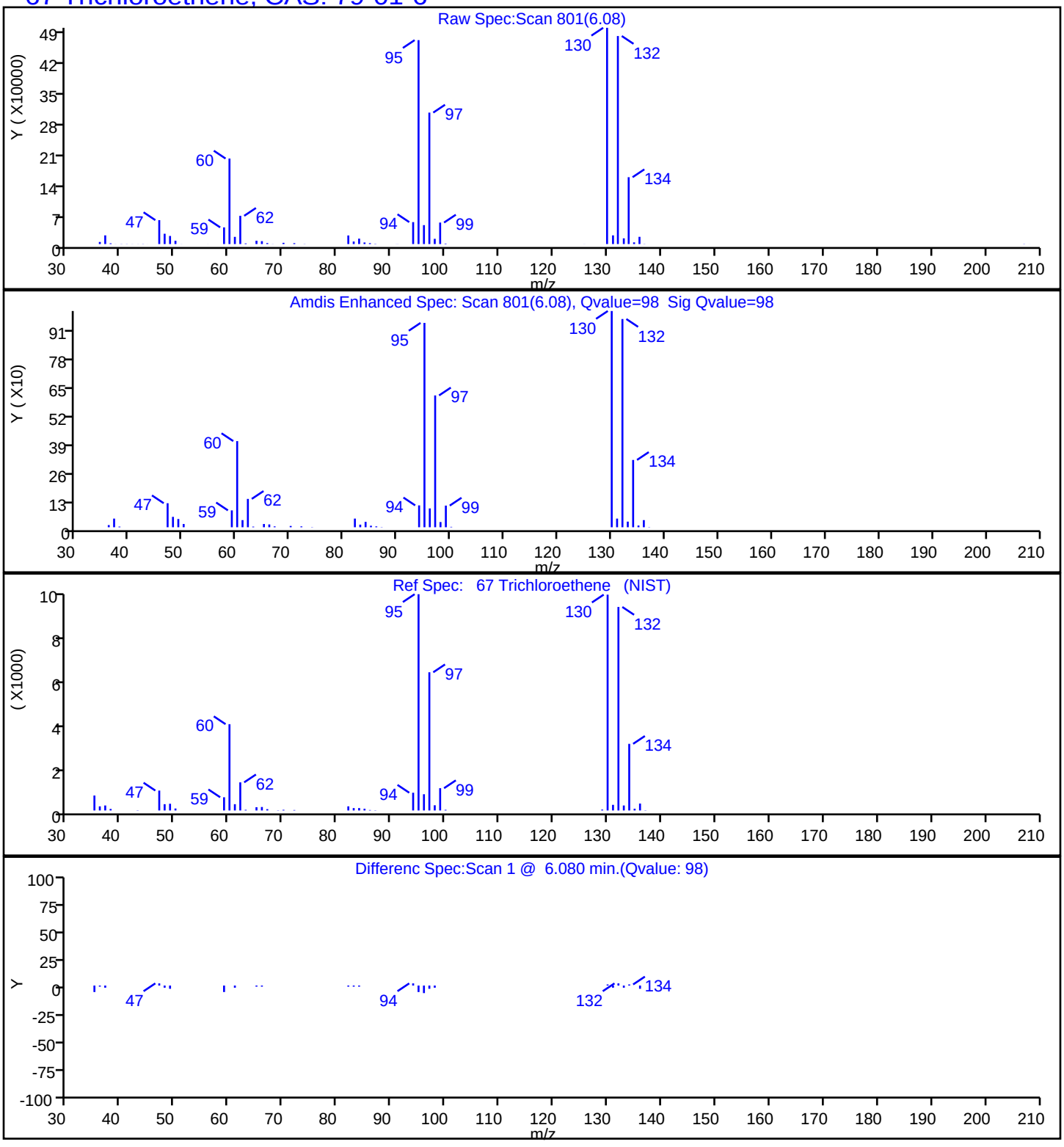
34 trans-1,2-Dichloroethene, CAS: 156-60-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99292.D
Injection Date: 18-Oct-2022 16:38:30 Instrument ID: CVOAMS4
Lims ID: 460-267521-C-4-A Lab Sample ID: 460-267521-4
Client ID: L3-SB-X4_20221013
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_6-8_20221013 | Lab Sample ID: 460-267521-5

Matrix: Solid | Lab File ID: D99310.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:05

Sample wt/vol: 4.90(g) | Date Analyzed: 10/18/2022 23:24

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.4 % Solids: 95.6 | Level: (low/med) Low

Analysis Batch No.: 872654 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00027
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00041
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00058

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	119		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99310.D
Lims ID: 460-267521-D-5-A
Client ID: L3-PP-SB-2_6-8_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 23:24:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-D-5-A
Misc. Info.: 460-0151912-013
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 12:47:45 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 23:42:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.132	3.131	0.001	0	130340	1000.0	
* 42 2-Butanone-d5	46	4.351	4.357	-0.006	36	145461	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.918	-0.006	97	214298	59.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.314	5.320	-0.006	96	159634	52.0	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	513400	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	91	1321	0.3133	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	9580	1000.0	s
$ 82 Toluene-d8 (Surr)	98	7.527	7.533	-0.006	99	725091	52.3	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	87	481720	50.0	
$ 104 4-Bromofluorobenzene	174	9.911	9.917	-0.006	0	203836	50.2	
* 120 1,4-Dichlorobenzene-d4	152	10.776	10.782	-0.006	95	251124	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00233 Amount Added: 1.00 Units: uL Run Reagent

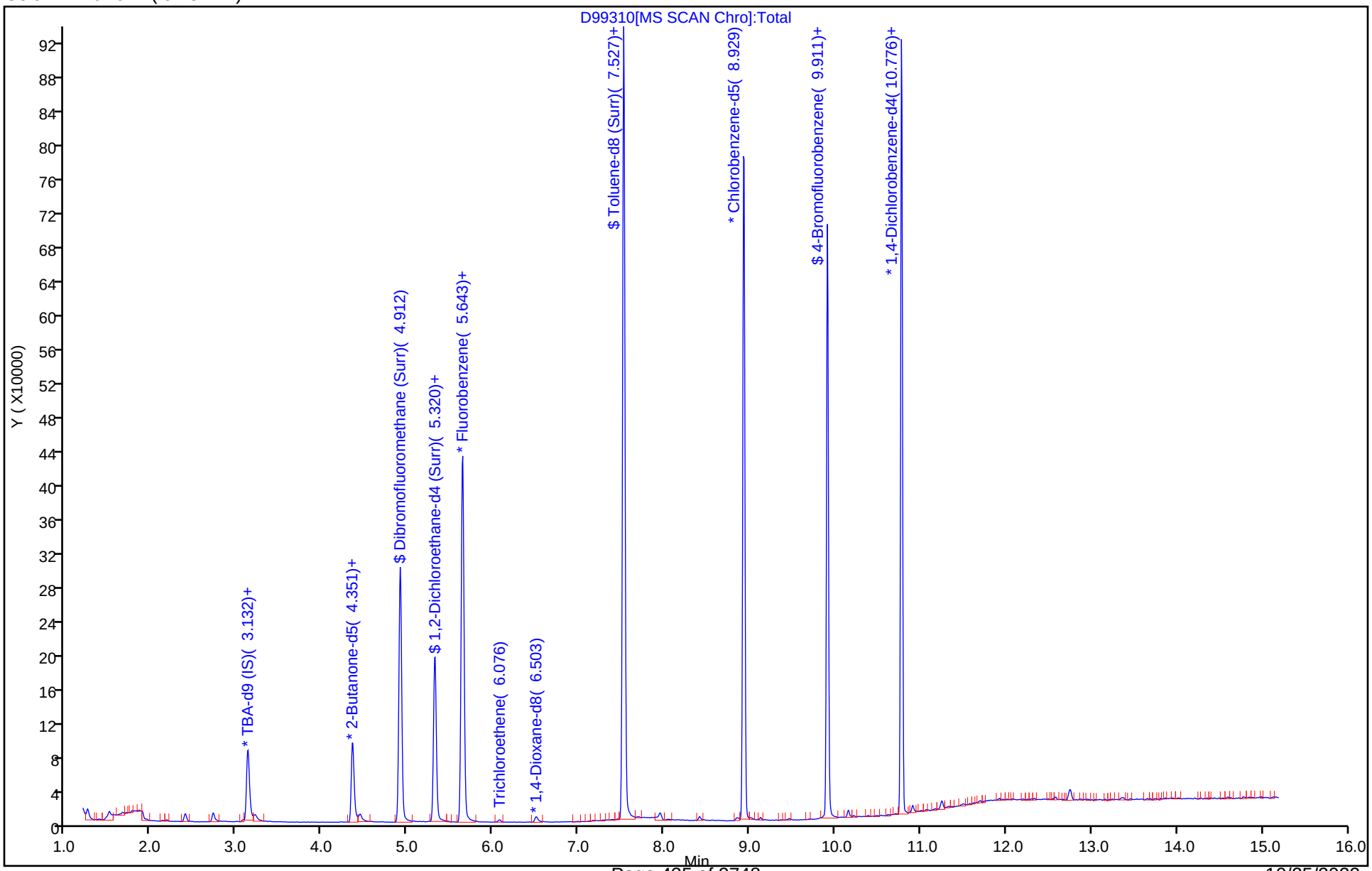
Report Date: 19-Oct-2022 13:06:06 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99310.D

Injection Date:	18-Oct-2022 23:24:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267521-D-5-A	Lab Sample ID:	460-267521-5	Worklist Smp#:	13
Client ID:	L3-PP-SB-2_6-8_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99310.D
Lims ID: 460-267521-D-5-A
Client ID: L3-PP-SB-2_6-8_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 23:24:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-D-5-A
Misc. Info.: 460-0151912-013
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 12:47:45 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 23:42:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	59.5	118.96
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.0	104.01
$ 82 Toluene-d8 (Surr)	50.0	52.3	104.65
$ 104 4-Bromofluorobenzene	50.0	50.2	100.48

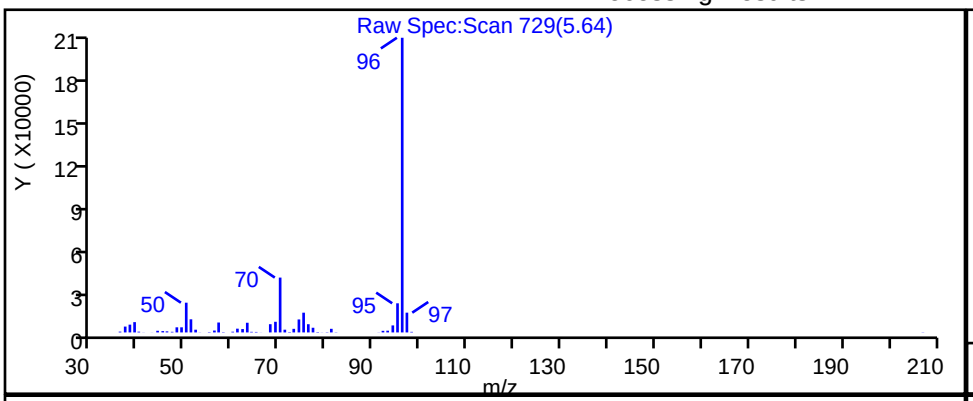
User Disabled Compound Report

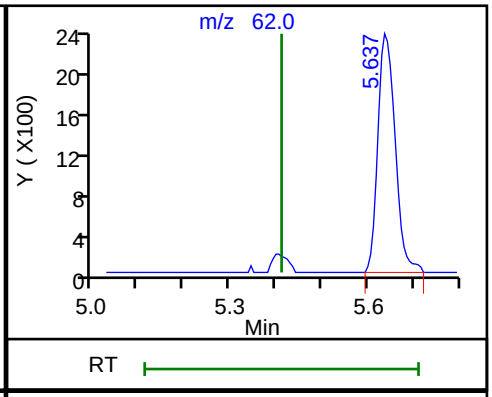
Eurofins Edison

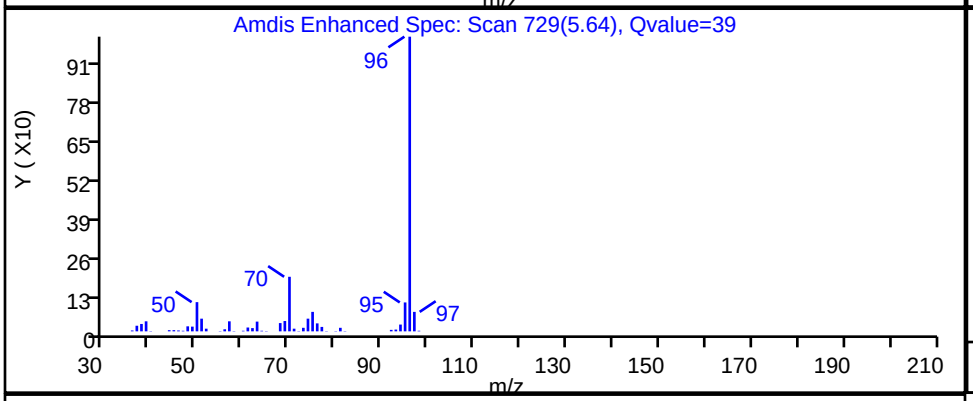
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99310.D				
Injection Date:	18-Oct-2022 23:24:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267521-D-5-A	Lab Sample ID:	460-267521-5		
Client ID:	L3-PP-SB-2_6-8_20221013				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

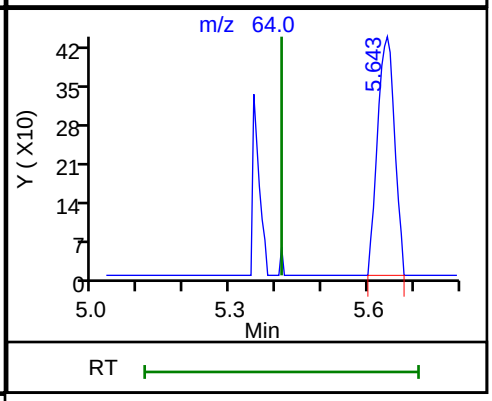
63 1,2-Dichloroethane, CAS: 107-06-2

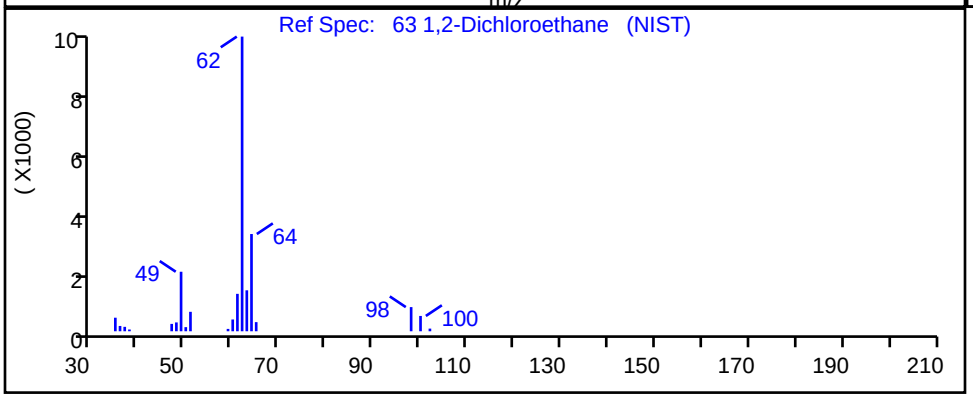
Processing Results











RT	Mass	Response	Amount
5.64	62.00	6222	1.502135
5.64	64.00	1144	

Reviewer: C1JX, 18-Oct-2022 23:42:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_8-10_20221013 | Lab Sample ID: 460-267521-6

Matrix: Solid | Lab File ID: D99294.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:10

Sample wt/vol: 4.39(g) | Date Analyzed: 10/18/2022 17:23

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.6 % Solids: 96.4 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.00058	J	0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00065

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	104		75-139
1868-53-7	Dibromofluoromethane (Surr)	120		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99294.D
Lims ID: 460-267521-C-6-A
Client ID: L3-PP-SB-2_8-10_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 17:23:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-6-A
Misc. Info.: 460-0151878-030
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:49:52 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 10:49:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.131	3.132	-0.001	0	135567	1000.0	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	36	138538	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	219540	60.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	161091	51.9	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	519386	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	95	2100	0.4924	
* 71 1,4-Dioxane-d8	96	6.509	6.503	0.006	0	10731	1000.0	M
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	726638	52.1	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	484428	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	207099	51.8	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	0.000	94	247258	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

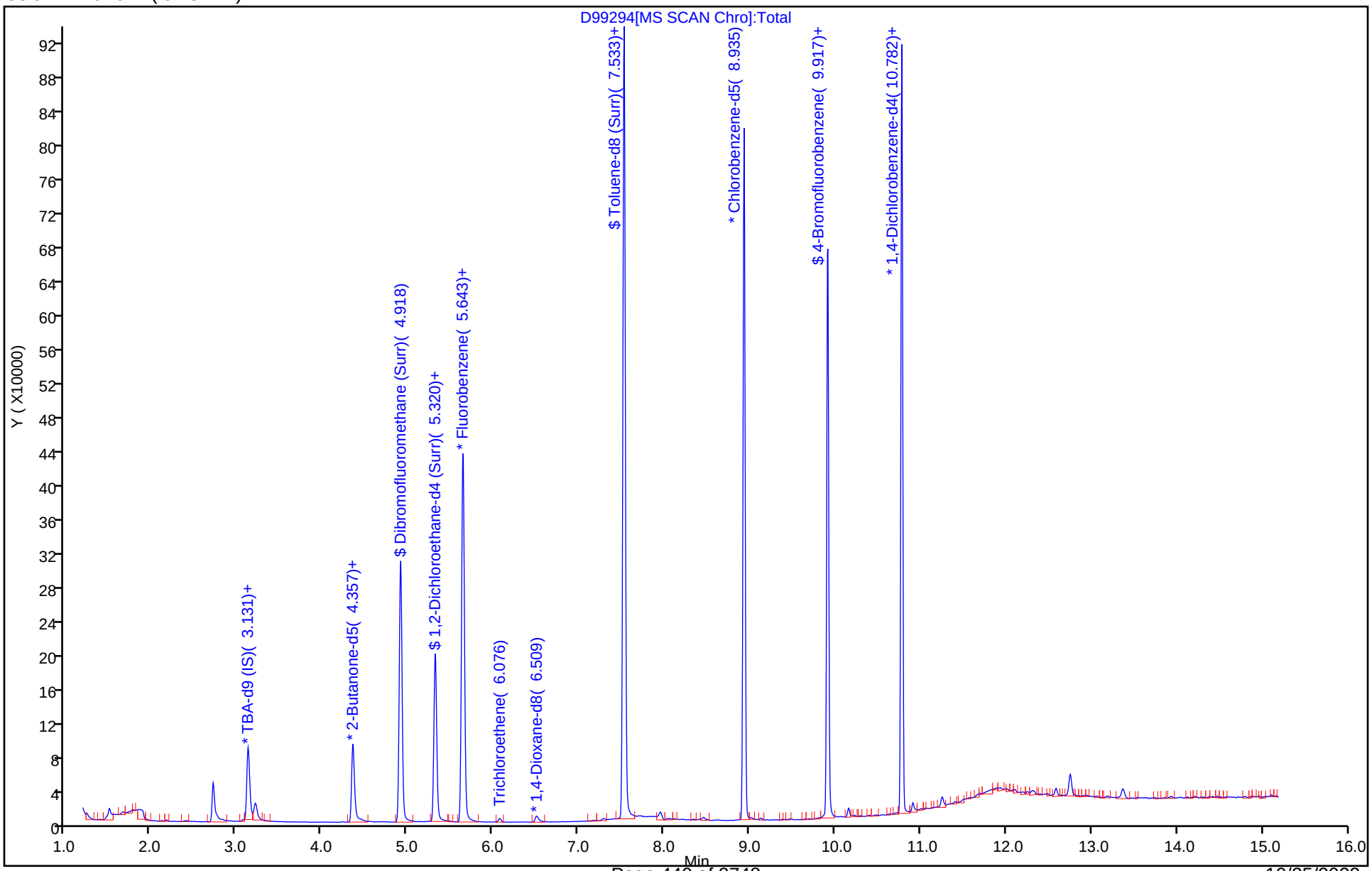
Report Date: 20-Oct-2022 10:49:52 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99294.D

Injection Date:	18-Oct-2022 17:23:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267521-C-6-A	Lab Sample ID:	460-267521-6	Worklist Smp#:	30
Client ID:	L3-PP-SB-2_8-10_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99294.D
Lims ID: 460-267521-C-6-A
Client ID: L3-PP-SB-2_8-10_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 17:23:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-6-A
Misc. Info.: 460-0151878-030
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:49:52 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 10:49:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	60.2	120.46
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.75
$ 82 Toluene-d8 (Surr)	50.0	52.1	104.29
$ 104 4-Bromofluorobenzene	50.0	51.8	103.68

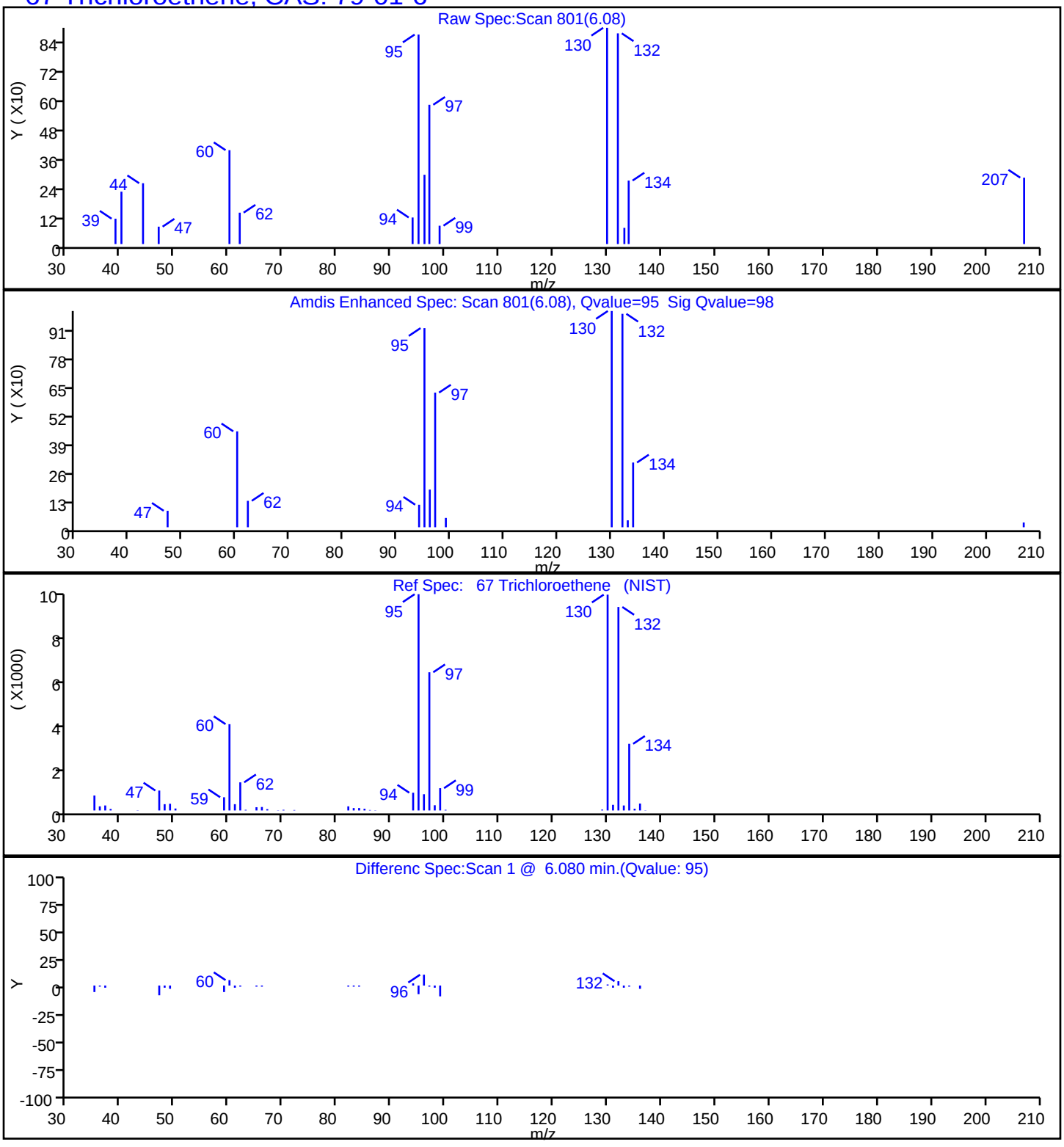
Report Date: 20-Oct-2022 10:49:52 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99294.D

Injection Date:	18-Oct-2022 17:23:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267521-C-6-A	Lab Sample ID:	460-267521-6		
Client ID:	L3-PP-SB-2_8-10_20221013				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

67 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

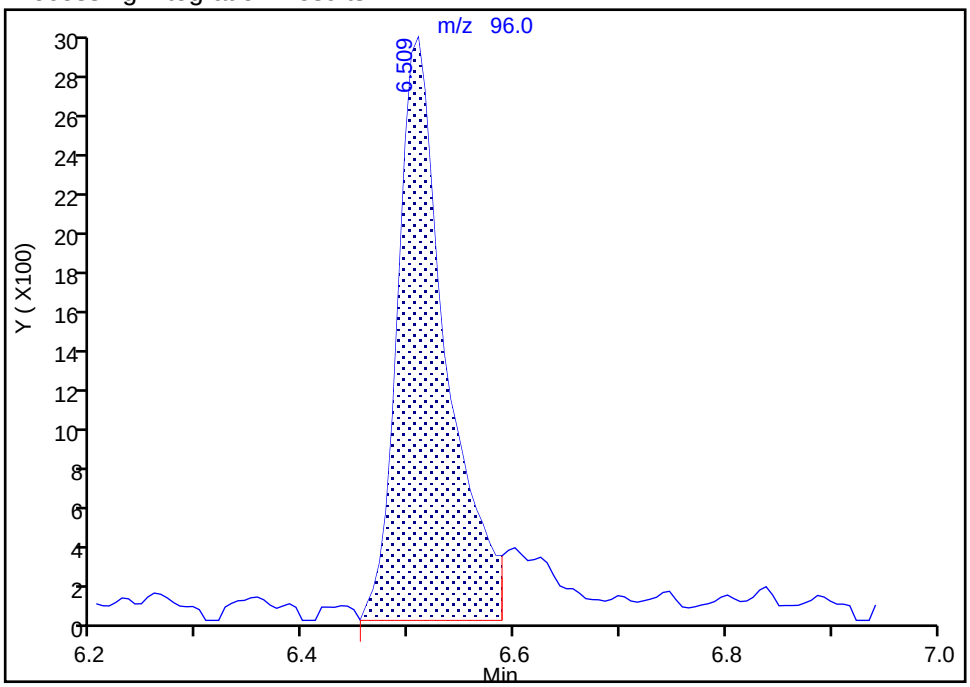
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99294.D				
Injection Date:	18-Oct-2022 17:23:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267521-C-6-A	Lab Sample ID:	460-267521-6		
Client ID:	L3-PP-SB-2_8-10_20221013				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

* 71 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

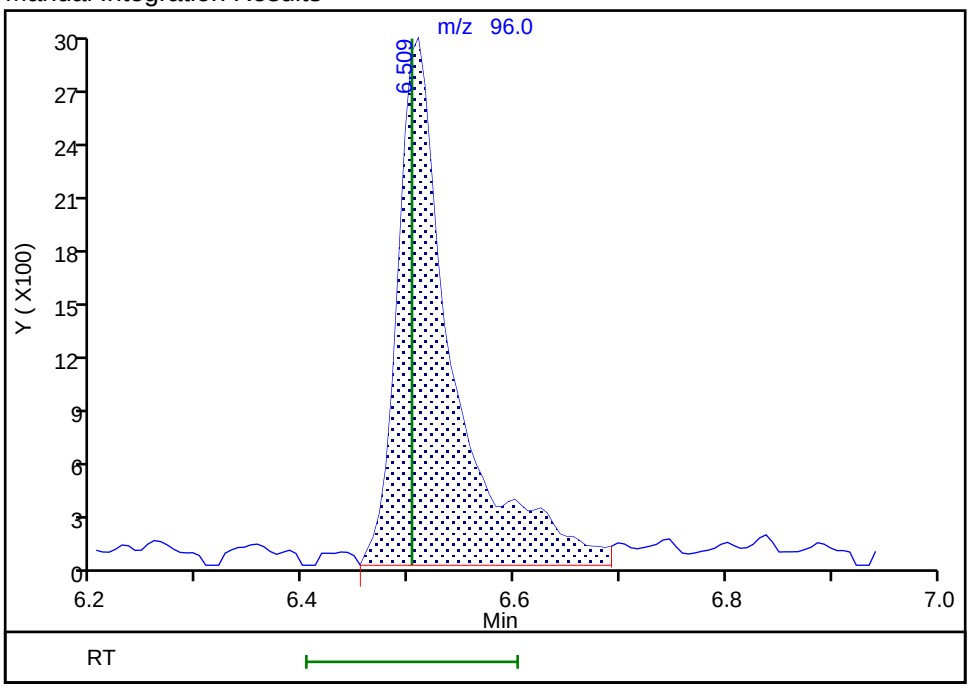
Processing Integration Results

RT: 6.51
Area: 9394
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.51
Area: 10731
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 20-Oct-2022 10:49:41

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_10-12_20221013 | Lab Sample ID: 460-267521-7

Matrix: Solid | Lab File ID: D99295.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:15

Sample wt/vol: 5.41(g) | Date Analyzed: 10/18/2022 17:46

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.4 % Solids: 83.6 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00047
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00034
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0079		0.0011	0.00035
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	119		73-139
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99295.D
Lims ID: 460-267521-C-7-A
Client ID: L3-PP-SB-2_10-12_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 17:46:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-7-A
Misc. Info.: 460-0151878-031
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 18:06:01 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: C1JX Date: 18-Oct-2022 18:06:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.132	3.132	0.000	0	107393	1000.0	s
* 42 2-Butanone-d5	46	4.357	4.357	0.000	39	128687	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	212760	59.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	96	154336	50.6	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	510619	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	97	30019	7.16	
* 71 1,4-Dioxane-d8	96	6.509	6.503	0.006	0	7152	1000.0	s
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	717971	53.6	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	465264	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	202291	51.3	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	243897	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

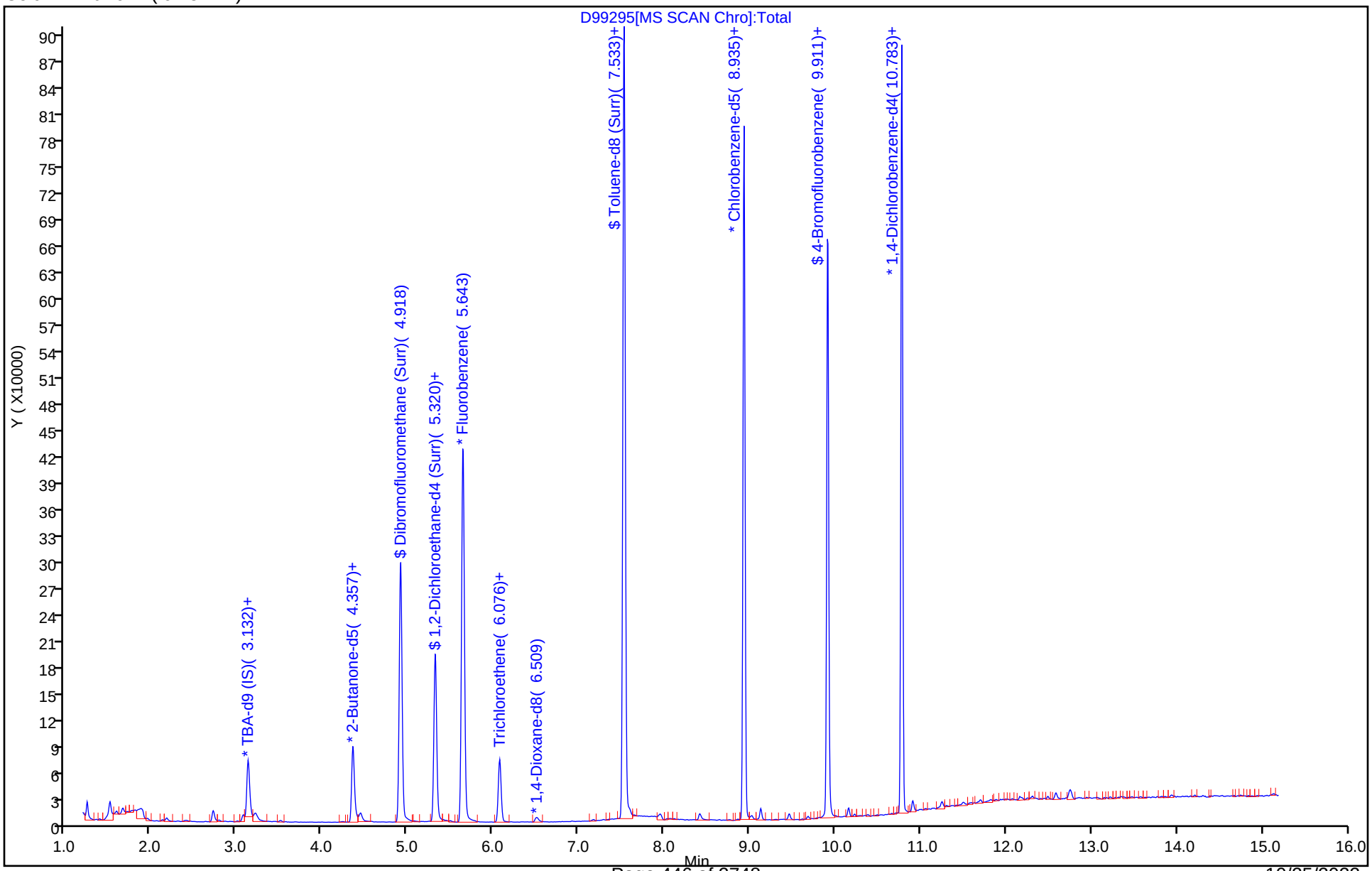
Report Date: 18-Oct-2022 18:06:02 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99295.D

Injection Date:	18-Oct-2022 17:46:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267521-C-7-A	Lab Sample ID:	460-267521-7	Worklist Smp#:	31
Client ID:	L3-PP-SB-2_10-12_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99295.D
Lims ID: 460-267521-C-7-A
Client ID: L3-PP-SB-2_10-12_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 17:46:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-7-A
Misc. Info.: 460-0151878-031
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 18:06:01 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1603

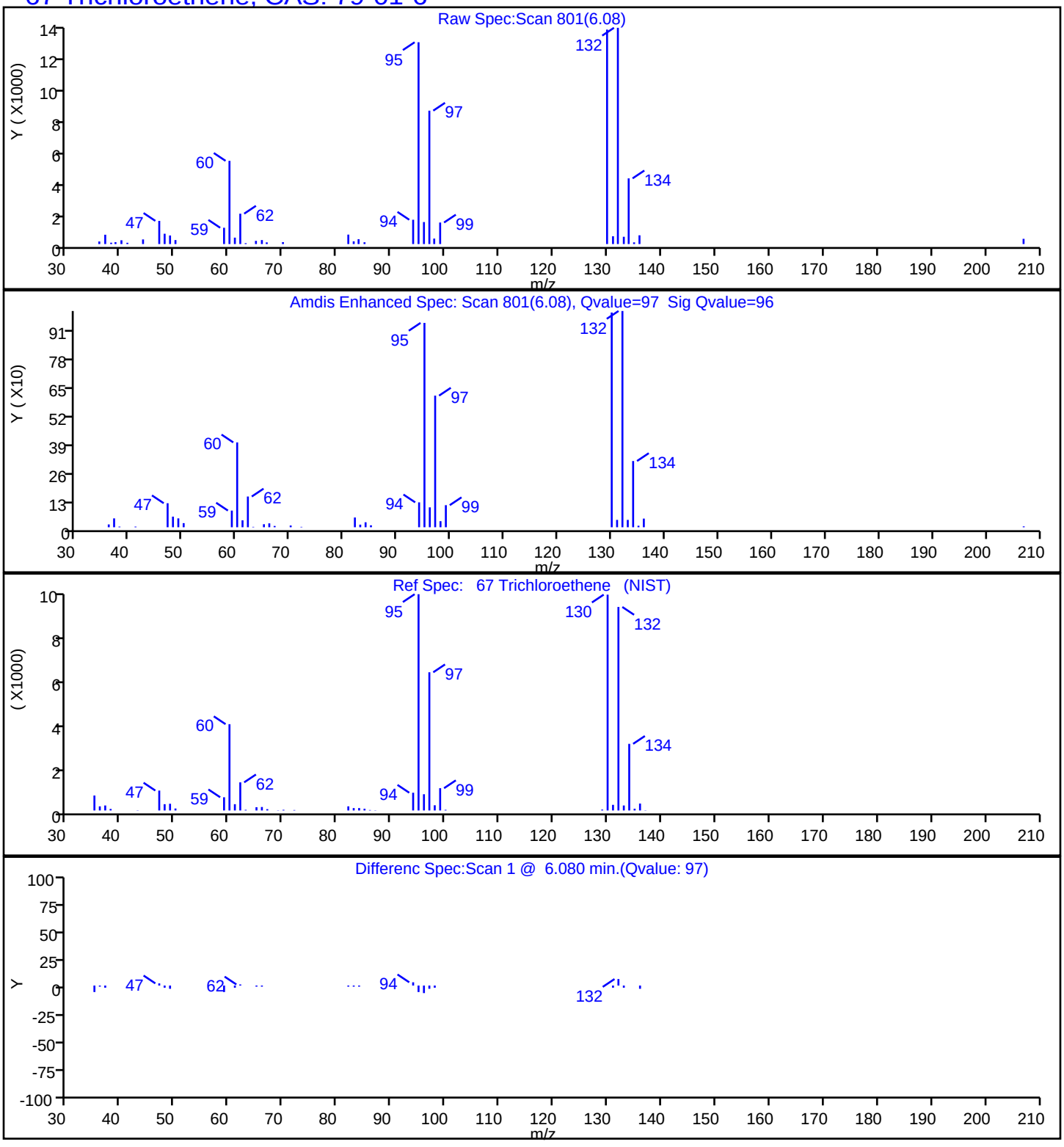
First Level Reviewer: C1JX Date: 18-Oct-2022 18:06:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	59.4	118.75
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.6	101.10
$ 82 Toluene-d8 (Surr)	50.0	53.6	107.29
$ 104 4-Bromofluorobenzene	50.0	51.3	102.67

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99295.D
Injection Date: 18-Oct-2022 17:46:30 Instrument ID: CVOAMS4
Lims ID: 460-267521-C-7-A Lab Sample ID: 460-267521-7
Client ID: L3-PP-SB-2_10-12_20221013
Operator ID: ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

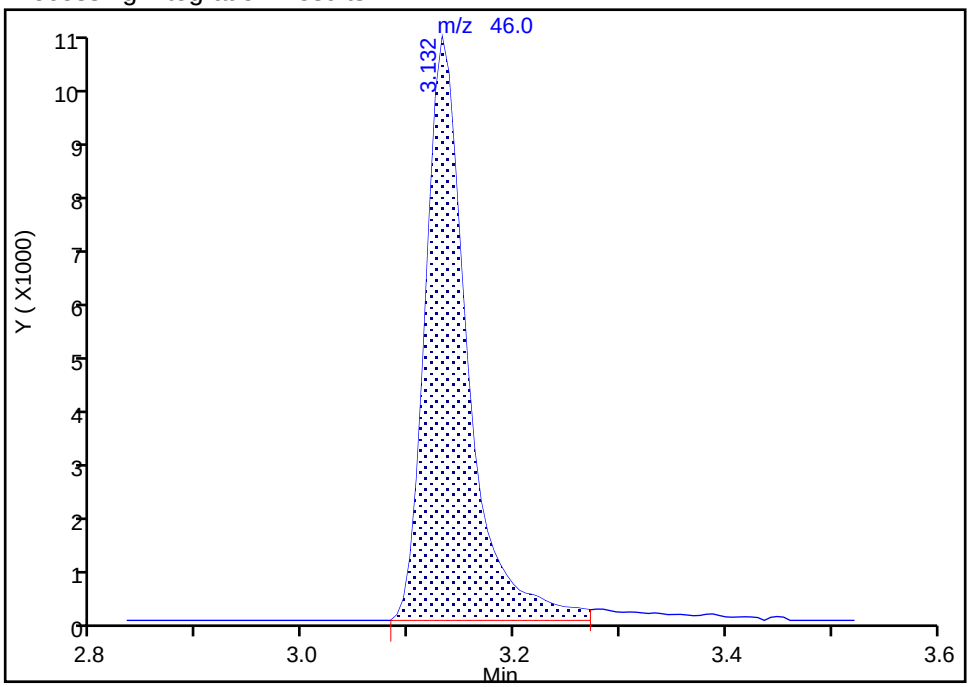
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Injection Date:	18-Oct-2022 17:46:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267521-C-7-A	Lab Sample ID:	460-267521-7		
Client ID:	L3-PP-SB-2_10-12_20221013				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 2

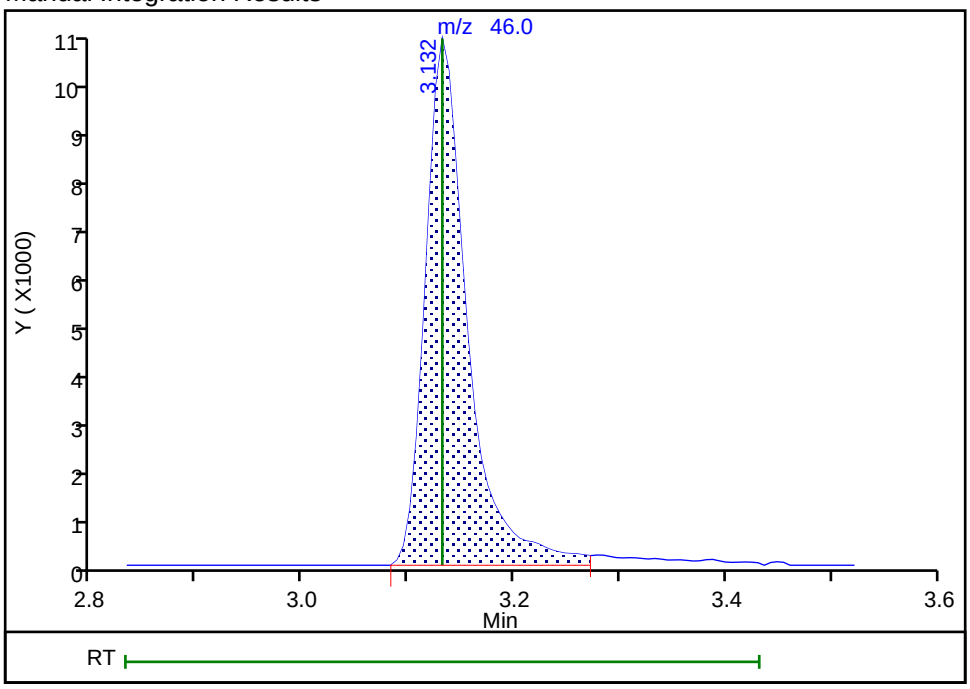
Processing Integration Results

RT: 3.13
Area: 30483
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.13
Area: 30483
Amount: 1000.0000
Amount Units: ug/l



Reviewer: C1JX, 18-Oct-2022 18:05:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

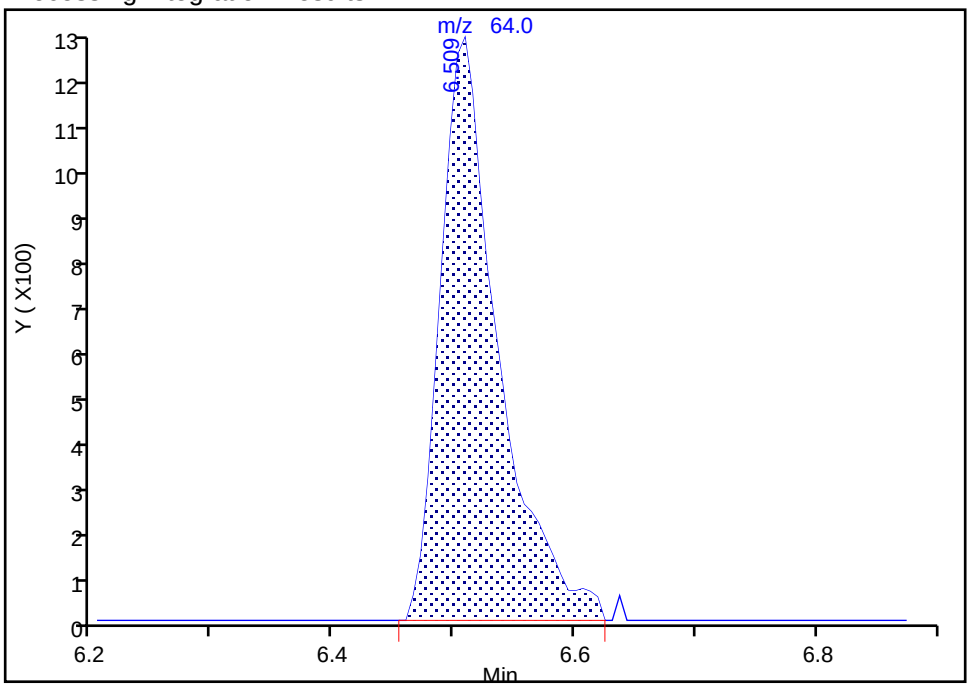
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99295.D				
Injection Date:	18-Oct-2022 17:46:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267521-C-7-A	Lab Sample ID:	460-267521-7		
Client ID:	L3-PP-SB-2_10-12_20221013				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

* 71 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 2

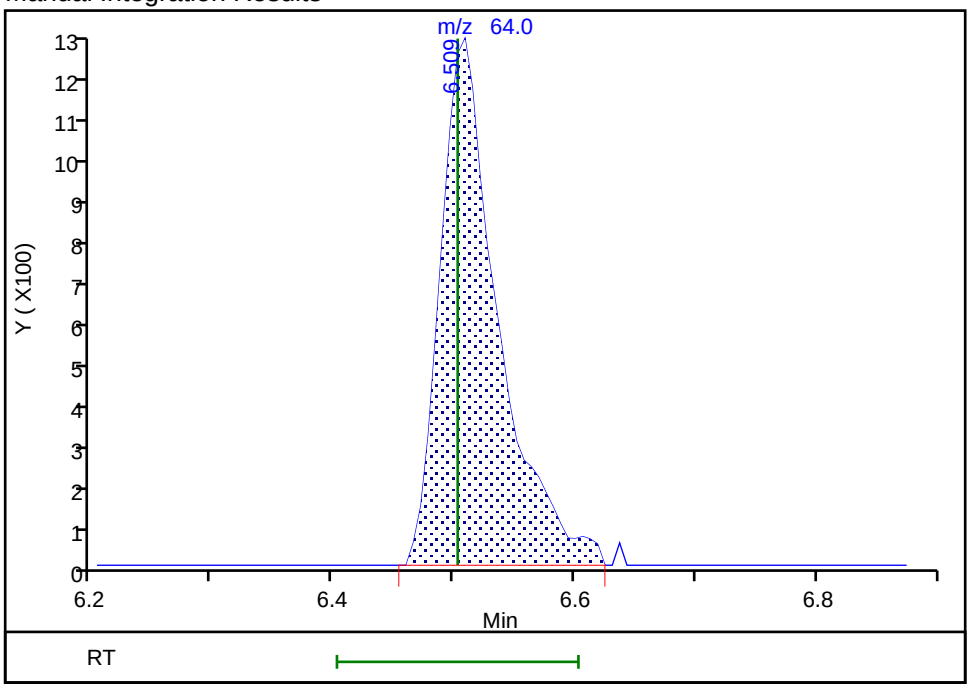
Processing Integration Results

RT: 6.51
Area: 4240
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.51
Area: 4240
Amount: 1000.0000
Amount Units: ug/l



Reviewer: C1JX, 18-Oct-2022 18:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_12-14_20221013 | Lab Sample ID: 460-267521-8

Matrix: Solid | Lab File ID: D99296.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:20

Sample wt/vol: 4.26(g) | Date Analyzed: 10/18/2022 18:08

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.2 % Solids: 94.8 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00027
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00026
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00028
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00037
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00052
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00048
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00065
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00054
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0025	U	0.0025	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00038
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
79-01-6	Trichloroethene	0.0011	J	0.0012	0.00040
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00068

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	116		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99296.D
Lims ID: 460-267521-C-8-A
Client ID: L3-PP-SB-2_12-14_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 18:08:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-8-A
Misc. Info.: 460-0151878-032
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 16:26:07 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: C1JX Date: 18-Oct-2022 18:26:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.132	3.132	0.000	0	138053	1000.0	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	36	143902	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.918	-0.006	97	216735	57.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	160268	50.1	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	534509	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	95	3769	0.8587	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	10037	1000.0	s
$ 82 Toluene-d8 (Surr)	98	7.527	7.533	-0.006	99	722505	51.1	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	491126	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	208024	50.3	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.001	94	256060	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

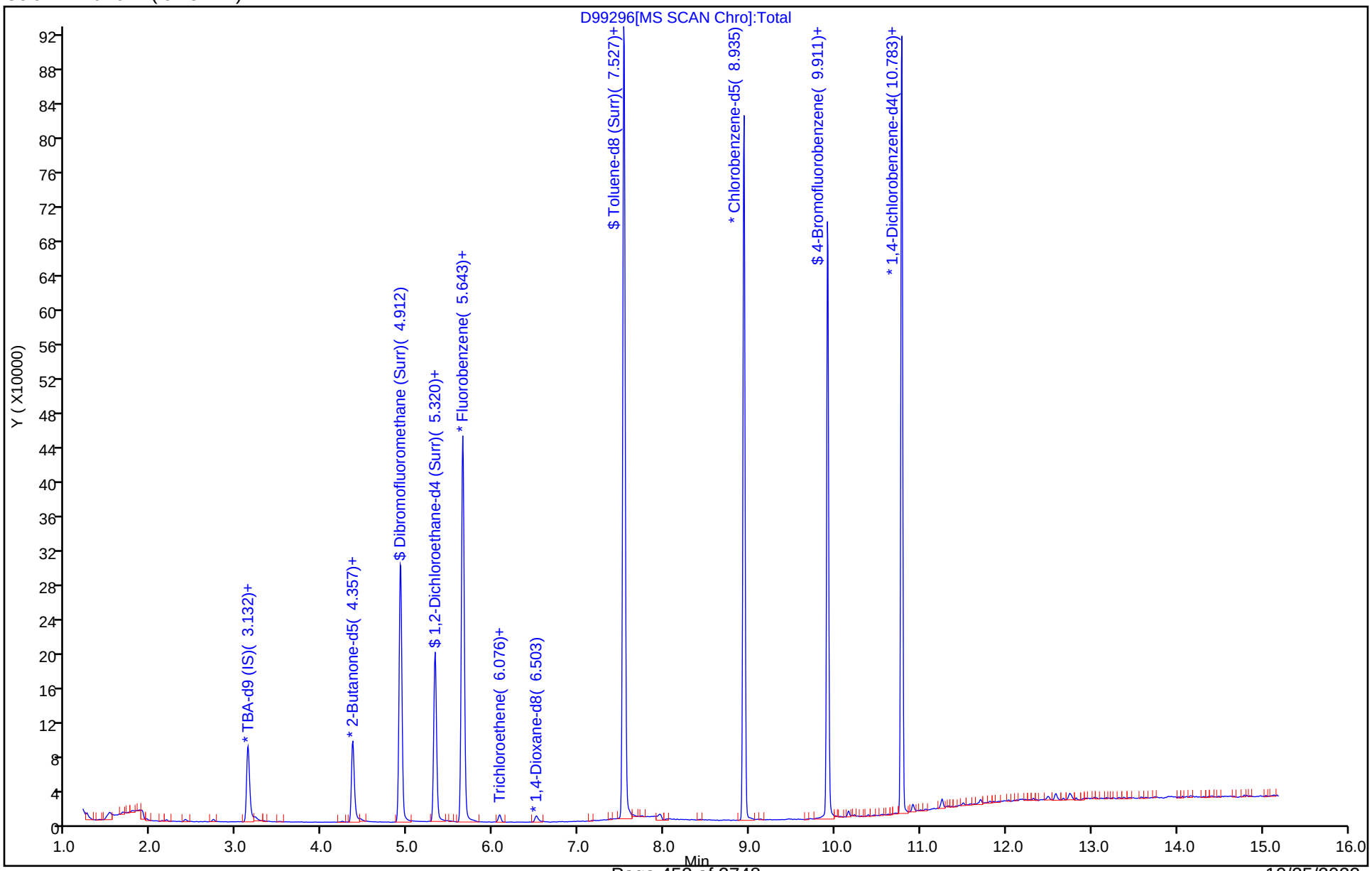
Report Date: 18-Oct-2022 18:26:26 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99296.D

Injection Date:	18-Oct-2022 18:08:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267521-C-8-A	Lab Sample ID:	460-267521-8	Worklist Smp#:	32
Client ID:	L3-PP-SB-2_12-14_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99296.D
Lims ID: 460-267521-C-8-A
Client ID: L3-PP-SB-2_12-14_20221013
Sample Type: Client
Inject. Date: 18-Oct-2022 18:08:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-C-8-A
Misc. Info.: 460-0151878-032
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 16:26:07 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1603

First Level Reviewer: C1JX Date: 18-Oct-2022 18:26:26

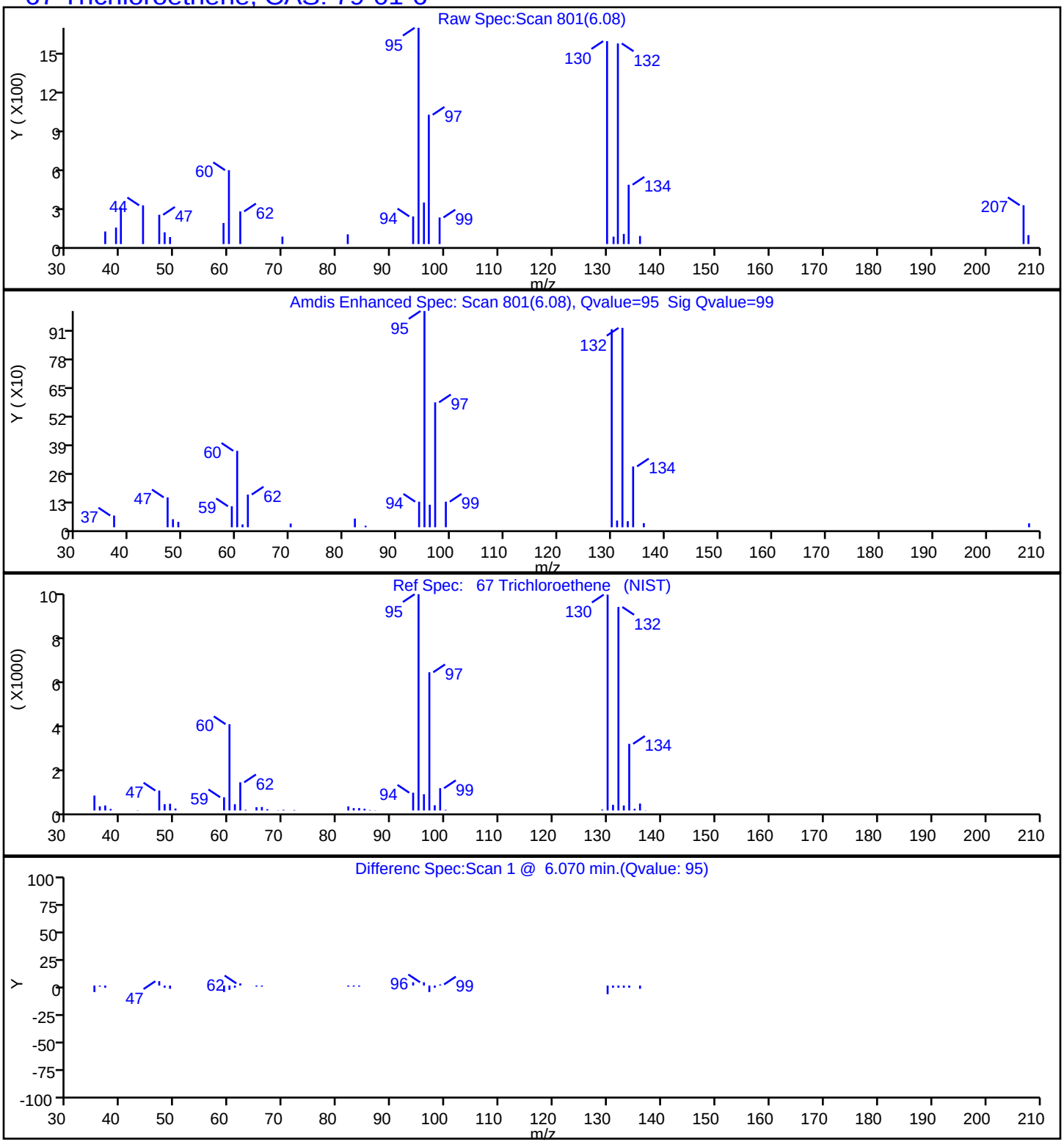
Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	57.8	115.56
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.30
$ 82 Toluene-d8 (Surr)	50.0	51.1	102.28
$ 104 4-Bromofluorobenzene	50.0	50.3	100.57

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99296.D

Injection Date:	18-Oct-2022 18:08:30	Instrument ID:	CVOAMS4
Lims ID:	460-267521-C-8-A	Lab Sample ID:	460-267521-8
Client ID:	L3-PP-SB-2_12-14_20221013		
Operator ID:		ALS Bottle#:	31 Worklist Smp#: 32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_14-15_20221013 | Lab Sample ID: 460-267521-9

Matrix: Solid | Lab File ID: D99383.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:25

Sample wt/vol: 4.70(g) | Date Analyzed: 10/20/2022 09:45

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.9 % Solids: 94.1 | Level: (low/med) Low

Analysis Batch No.: 872987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00059
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00049
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00022
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00034
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.00082	J	0.0011	0.00036
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
460-00-4	Bromofluorobenzene	113		75-139
1868-53-7	Dibromofluoromethane (Surr)	100		73-139
2037-26-5	Toluene-d8 (Surr)	117		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99383.D
Lims ID: 460-267521-D-9-A
Client ID: L3-PP-SB-2_14-15_20221013
Sample Type: Client
Inject. Date: 20-Oct-2022 09:45:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-D-9-A
Misc. Info.: 460-0151989-013
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:37:01 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 10:37:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.119	3.119	0.000	0	103211	1000.0	
* 42 2-Butanone-d5	46	4.339	4.339	0.000	66	128041	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.899	4.900	-0.001	96	177010	49.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.302	5.302	0.000	97	144032	47.5	
* 65 Fluorobenzene	96	5.625	5.625	0.000	98	506697	50.0	
67 Trichloroethene	95	6.058	6.058	0.000	96	3021	0.7260	
* 71 1,4-Dioxane-d8	96	6.485	6.485	-0.001	0	8360	1000.0	sM
$ 82 Toluene-d8 (Surr)	98	7.515	7.515	0.000	99	620834	58.5	
* 93 Chlorobenzene-d5	117	8.923	8.923	0.000	87	369034	50.0	
$ 104 4-Bromofluorobenzene	174	9.905	9.905	0.000	0	162430	56.7	
* 120 1,4-Dichlorobenzene-d4	152	10.770	10.770	0.000	96	177244	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00233 Amount Added: 1.00 Units: uL Run Reagent

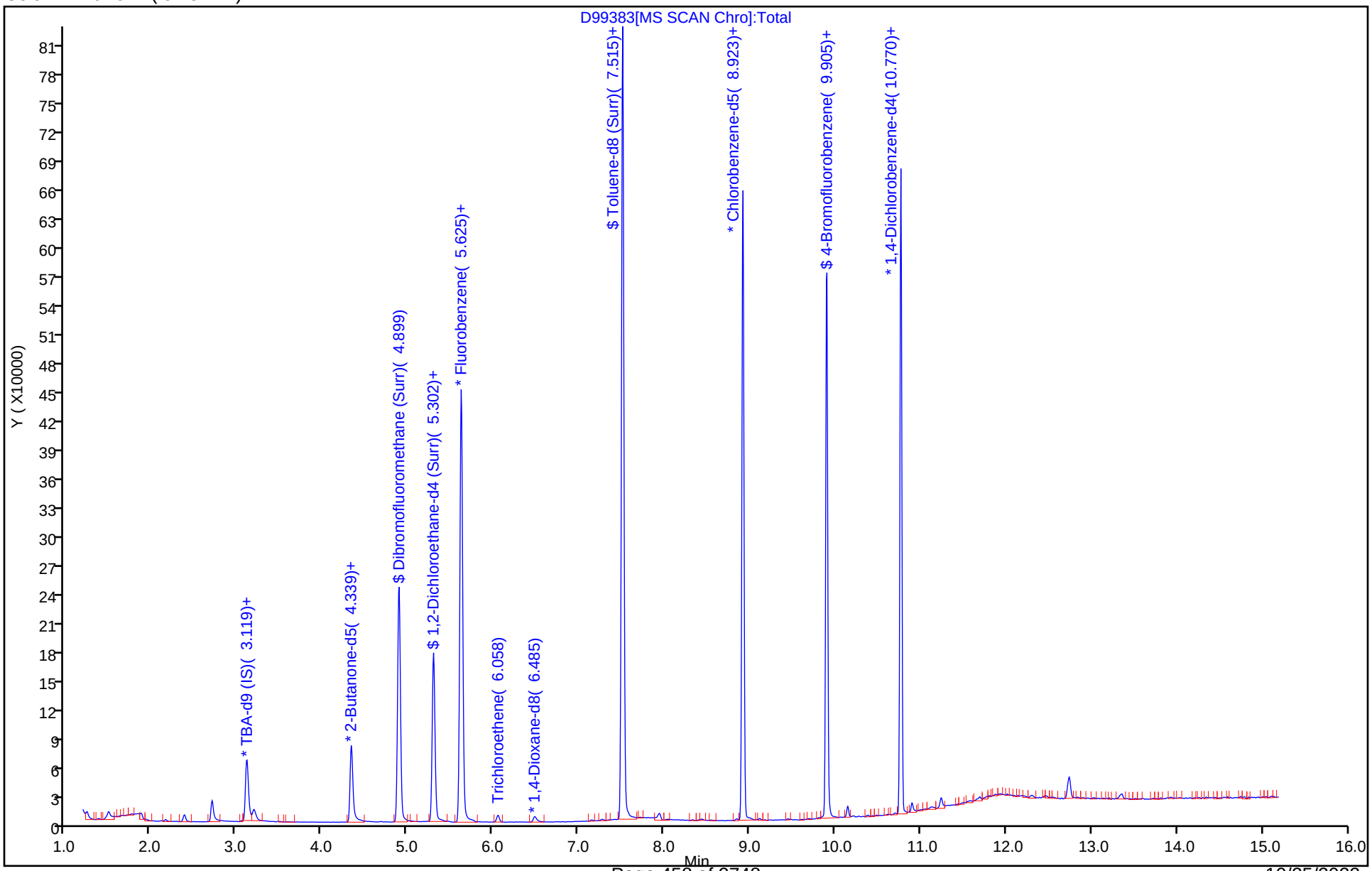
Report Date: 20-Oct-2022 10:37:02 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99383.D

Injection Date:	20-Oct-2022 09:45:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-267521-D-9-A	Lab Sample ID:	460-267521-9	Worklist Smp#:	13
Client ID:	L3-PP-SB-2_14-15_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99383.D
Lims ID: 460-267521-D-9-A
Client ID: L3-PP-SB-2_14-15_20221013
Sample Type: Client
Inject. Date: 20-Oct-2022 09:45:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267521-D-9-A
Misc. Info.: 460-0151989-013
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:37:01 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

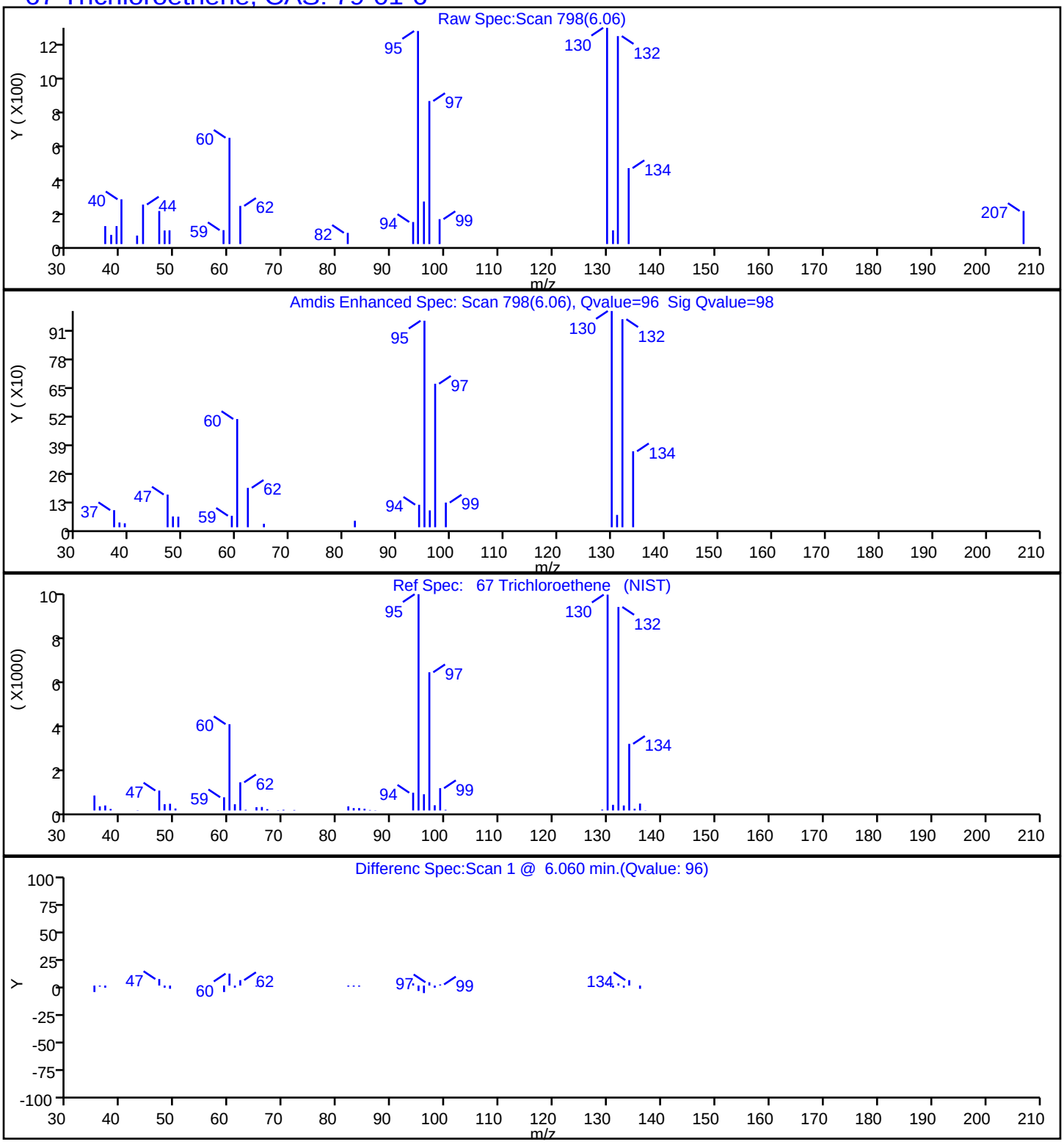
First Level Reviewer: NN6A Date: 20-Oct-2022 10:37:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.56
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.5	95.08
$ 82 Toluene-d8 (Surr)	50.0	58.5	116.97
$ 104 4-Bromofluorobenzene	50.0	56.7	113.44

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99383.D		
Injection Date:	20-Oct-2022 09:45:30	Instrument ID:	CVOAMS4
Lims ID:	460-267521-D-9-A	Lab Sample ID:	460-267521-9
Client ID:	L3-PP-SB-2_14-15_20221013		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

67 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

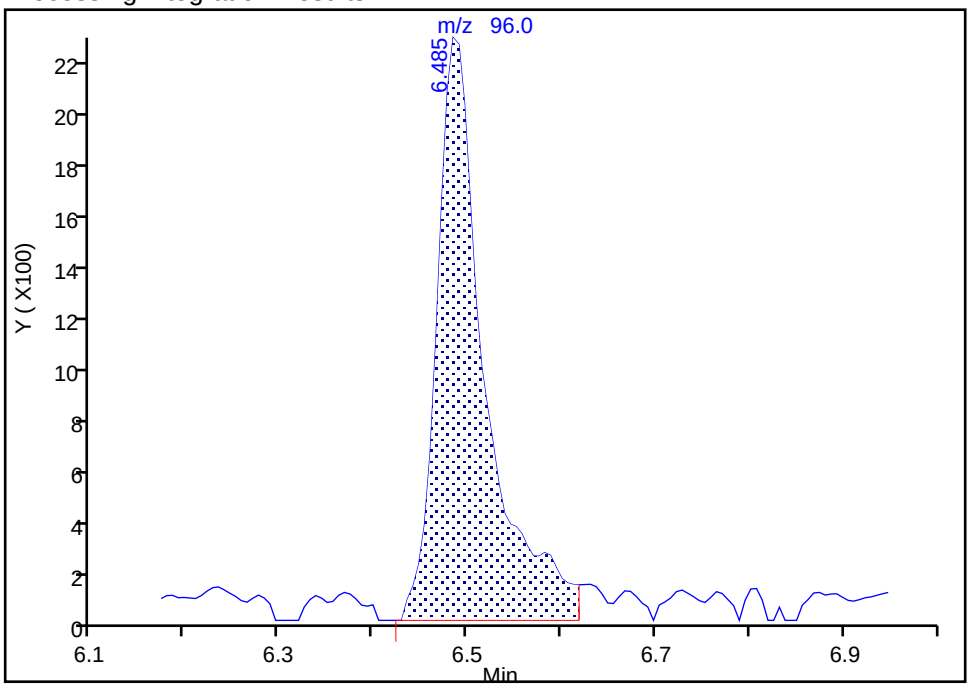
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99383.D				
Injection Date:	20-Oct-2022 09:45:30	Instrument ID:	CVOAMS4		
Lims ID:	460-267521-D-9-A	Lab Sample ID:	460-267521-9		
Client ID:	L3-PP-SB-2_14-15_20221013				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

* 71 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

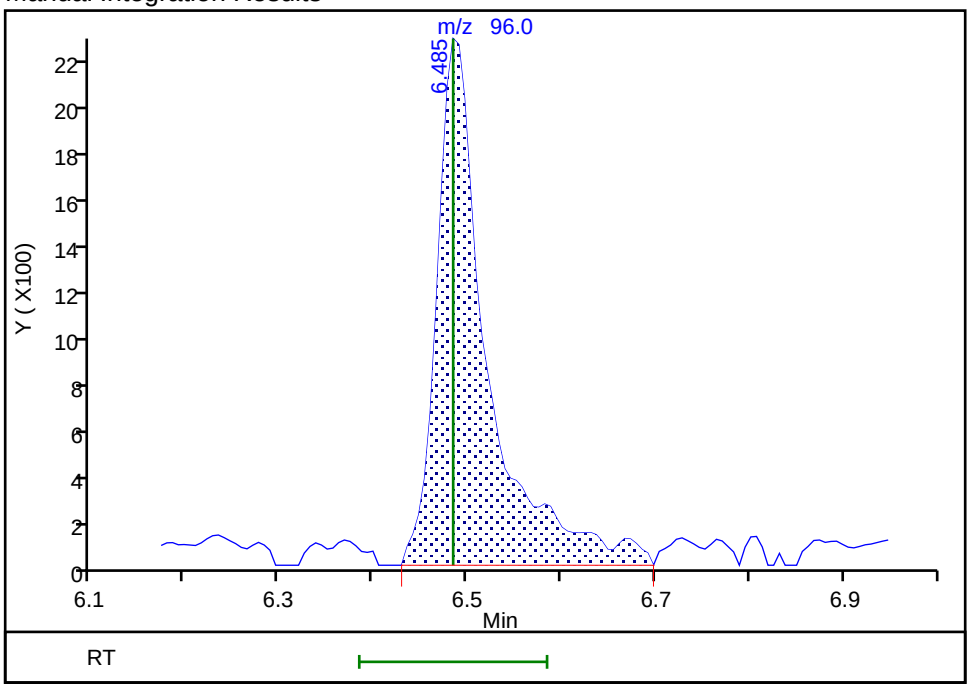
Processing Integration Results

RT: 6.48
Area: 7939
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.48
Area: 8360
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 20-Oct-2022 10:36:45

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-869787/3	O82141.d
Level 2	STD1 460-869787/4	O82142.d
Level 3	STD5 460-869787/5	O82143.d
Level 4	STD20 460-869787/6	O82144.d
Level 5	STD50 460-869787/7	O82145.d
Level 6	STD200 460-869787/8	O82146.d
Level 7	STD500 460-869787/9	O82147.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	+++++ 1.8363	2.0842 1.8598	1.8542	2.2430	1.9053	Ave		1.9638				8.4		20.0			
Dichlorodifluoromethane	+++++ 0.3027	0.4698 0.2979	0.3543	0.3724	0.2824	Lin2	0.1614	0.3122			0.1000				0.9900		0.9900
Chlorodifluoromethane	+++++ 0.0567	0.0761 0.0549	0.0652	0.0588	0.0418	Ave		0.0589				19.3		20.0			
Chloromethane	+++++ 0.2617	0.4026 0.2534	0.3019	0.3063	0.2319	Lin2	0.1435	0.2624			0.1000				0.9910		0.9900
Vinyl chloride	+++++ 0.2531	0.3856 0.2376	0.2956	0.2926	0.2380	Ave		0.2838			0.1000	19.8		20.0			
Butadiene	0.2863 0.2248	0.3014 0.2197	0.2396	0.2624	0.2077	Ave		0.2488				14.3		20.0			
Bromomethane	+++++ 0.1589	0.2568 +++++	0.2281	0.2073	0.1749	Ave		0.2052			0.1000	19.3		20.0			
Chloroethane	+++++ 0.1795	0.2444 0.1392	0.1909	0.1966	0.1607	Ave		0.1852			0.1000	19.3		20.0			
Dichlorofluoromethane	+++++ 0.4754	0.6143 0.4525	0.4787	0.5077	0.4330	Ave		0.4936				13.0		20.0			
Trichlorofluoromethane	+++++ 0.4234	0.5307 0.4176	0.4402	0.4571	0.3974	Ave		0.4444			0.1000	10.5		20.0			
Pentane	+++++ 0.0430	0.0514 0.0423	0.0511	0.0420	0.0473	Ave		0.0462				9.5		20.0			
Ethanol	+++++ 0.0705	0.1068 +++++	0.0828	0.0986	0.0858	Ave		0.0889				15.9		20.0			
Ethyl ether	+++++ 0.1731	0.1605 0.1737	0.1592	0.1715	0.1683	Ave		0.1677				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.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2519	0.2691 0.2473	0.2438	0.2520	0.2527	Ave		0.2528				3.4		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2006	0.2298 0.1934	0.1749	0.2084	0.2100	Ave		0.2028				9.0		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3313	0.3563 0.3443	0.3406	0.3425	0.3465	Ave		0.3436				2.4		20.0			
Acrolein	+++++ 1.4534	1.3920 1.6197	1.1027	1.4213	1.3671	Ave		1.3927				12.0		20.0			
1,1-Dichloroethene	+++++ 0.2249	0.2645 0.2278	0.2317	0.2388	0.2255	Ave		0.2355			0.1000	6.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2182	0.2711 0.2210	0.2320	0.2278	0.2221	Ave		0.2320			0.1000	8.5		20.0			
Acetone	+++++ 0.2416	0.3427 0.2390	0.2077	0.2516	0.2227	Ave		0.2509			0.0500	19.0		20.0			
Iodomethane	+++++ 0.4614	0.3586 0.4351	0.3436	0.4180	0.4362	Ave		0.4088				11.5		20.0			
Isopropyl alcohol	+++++ 0.6970	0.6625 0.6476	0.4100	0.6267	0.6066	Ave		0.6084				16.8		20.0			
Carbon disulfide	+++++ 0.7284	0.8677 0.7230	0.8096	0.8101	0.7442	Ave		0.7805			0.1000	7.4		20.0			
3-Chloro-1-propene	+++++ 0.1654	0.1466 0.1744	0.1711	0.1656	0.1555	Ave		0.1631				6.3		20.0			
Acetonitrile	+++++ 0.5489	0.4488 0.4108	0.5887	0.7486	0.6005	QuaF		0.6412	-0.000046						1.0000		0.9900
Methyl acetate	+++++ 7.2246	5.7945 6.7998	4.3551	6.0963	5.6597	Ave		5.9883			0.1000	16.7		20.0			
Cyclopentene	+++++ 0.5628	0.5836 0.5419	0.5124	0.5337	0.5472	Ave		0.5469				4.5		20.0			
Methylene Chloride	+++++ 0.2675	0.3602 0.2658	0.2849	0.3025	0.2738	Ave		0.2924			0.1000	12.3		20.0			
2-Methyl-2-propanol	+++++ 1.0824	1.5068 1.0277	1.1995	1.2922	1.0657	Ave		1.1957				15.2		20.0			
Acrylonitrile	0.0756 0.0609	0.0497 0.0665	0.0431	0.0538	0.0539	Ave		0.0577				18.9		20.0			
trans-1,2-Dichloroethene	+++++ 0.2631	0.2984 0.2626	0.2533	0.2660	0.2501	Ave		0.2656			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.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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								
Methyl tert-butyl ether	+++++ 0.6429	0.6430 0.6527	0.6255	0.6564	0.6226	Ave		0.6405			0.1000	2.2		20.0			
Hexane	+++++ 0.1612	0.2175 0.1671	0.1661	0.1713	0.1663	Ave		0.1749				12.1		20.0			
1,1-Dichloroethane	+++++ 0.4362	0.4861 0.4328	0.4364	0.4495	0.4229	Ave		0.4440			0.2000	5.0		20.0			
Vinyl acetate	+++++ 0.3482	0.2185 +++++	0.2333	0.2916	0.3063	Ave		0.2796				19.1		20.0			
Isopropyl ether	+++++ 0.6603	0.7088 0.5953	0.6643	0.7163	0.6984	Ave		0.6739				6.7		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2650	0.2168 0.2549	0.2328	0.2537	0.2670	Ave		0.2484				7.9		20.0			
Tert-butyl ethyl ether	+++++ 0.7580	0.6683 0.7279	0.6966	0.7473	0.7593	Ave		0.7262				5.1		20.0			
2,2-Dichloropropane	+++++ 0.0740	0.0742 0.0734	0.0771	0.0747	0.0690	Ave		0.0737				3.6		20.0			
cis-1,2-Dichloroethene	+++++ 0.2926	0.3249 0.2971	0.2776	0.2942	0.2805	Ave		0.2945			0.1000	5.7		20.0			
2-Butanone (MEK)	+++++ 0.3333	0.4413 0.3218	0.3449	0.3928	0.3283	Ave		0.3604			0.0500	13.1		20.0			
Propionitrile	+++++ 1.7882	1.3035 1.5760	1.4142	1.8371	1.7187	Ave		1.6063				13.3		20.0			
Ethyl acetate	+++++ 0.3125	+++++ 0.3008	0.4038	0.3872	0.3331	Ave		0.3475				13.2		20.0			
Methyl acrylate	+++++ 0.1687	0.1679 0.1775	0.1464	0.1490	0.1564	Ave		0.1610				7.6		20.0			
Methacrylonitrile	+++++ 0.0766	0.0665 0.0761	0.0613	0.0655	0.0709	Ave		0.0695				8.8		20.0			
Chlorobromomethane	+++++ 0.1512	0.1698 0.1490	0.1580	0.1578	0.1483	Ave		0.1557				5.2		20.0			
Tetrahydrofuran	+++++ 0.6732	0.9157 0.7017	0.6797	0.8031	0.6056	Ave		0.7298				15.2		20.0			
Chloroform	+++++ 0.4490	0.4859 0.4532	0.4381	0.4560	0.4425	Ave		0.4541			0.2000	3.7		20.0			
1,1,1-Trichloroethane	+++++ 0.4222	0.4775 0.4231	0.4139	0.4153	0.3985	Ave		0.4251			0.1000	6.4		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.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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								
Cyclohexane	+++++ 0.3031	0.3375 0.2992	0.3183	0.3266	0.2973	Ave		0.3137			0.1000	5.2		20.0			
Carbon tetrachloride	+++++ 0.3617	0.3578 0.3677	0.3353	0.3517	0.3428	Ave		0.3528			0.1000	3.4		20.0			
1,1-Dichloropropene	+++++ 0.3425	0.3466 0.3304	0.3437	0.3559	0.3369	Ave		0.3427				2.5		20.0			
Isobutyl alcohol	+++++ 0.4516	+++++ 0.3896	0.2669	0.4862	0.4450	Ave		0.4079				21.1	*	20.0			
Benzene	+++++ 1.1596	1.4897 1.0810	1.2988	1.3786	1.1903	Ave		1.2663			0.5000	12.0		20.0			
1,2-Dichloroethane	+++++ 0.3269	0.3846 0.3271	0.3178	0.3324	0.3184	Ave		0.3345			0.1000	7.5		20.0			
Isooctane	+++++ 0.3513	0.4816 0.3482	0.3230	0.3507	0.3691	Ave		0.3706				15.2		20.0			
Isopropyl acetate	+++++ 0.0779	0.0623 0.0741	0.0668	0.0726	0.0775	Ave		0.0719				8.6		20.0			
Tert-amyl methyl ether	+++++ 0.7247	0.7535 0.6964	0.7078	0.7629	0.7505	Ave		0.7326				3.7		20.0			
n-Heptane	+++++ 0.1074	0.1458 0.1087	0.1259	0.1205	0.1111	Ave		0.1199				12.2		20.0			
Trichloroethene	+++++ 0.3022	0.3080 0.2709	0.3143	0.3347	0.3063	Ave		0.3060			0.2000	6.8		20.0			
n-Butanol	+++++ 0.3463	+++++ 0.3057	+++++	0.2370	0.3285	Ave		0.3044				15.7		20.0			
Ethyl acrylate	+++++ 0.4358	0.2019 0.4272	0.3241	0.4221	0.4320	Lin2	-0.231	0.4229							0.9960		0.9900
Methylcyclohexane	+++++ 0.2635	0.2698 0.2640	0.2549	0.2855	0.2592	Ave		0.2662			0.1000	4.0		20.0			
1,2-Dichloropropane	+++++ 0.2448	0.2670 0.2445	0.2521	0.2533	0.2479	Ave		0.2516			0.1000	3.3		20.0			
Dibromomethane	+++++ 0.1581	0.1944 0.1637	0.1351	0.1621	0.1560	Ave		0.1616				11.8		20.0			
1,4-Dioxane	+++++ 0.9831	1.1783 0.8452	1.1721	1.2472	1.0294	Ave		1.0759				14.0		20.0			
Methyl methacrylate	+++++ 0.0707	0.0409 0.0701	0.0613	0.0706	0.0704	Ave		0.0640				18.6		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 Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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	+++++ 0.2551	0.1561 0.2533	0.1854	0.2365	0.2529	Ave		0.2232				18.9		20.0			
Bromodichloromethane	+++++ 0.3602	0.2991 0.3717	0.3215	0.3402	0.3394	Ave		0.3387			0.2000	7.7		20.0			
2-Nitropropane	+++++ 0.0538	0.0235 0.0616	0.0387	0.0455	0.0468	QuaF		0.0481	0.0000135						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1622	0.0752 0.1619	0.0956	0.1536	0.1522	QuaF		0.1607	0.0000024						1.0000		0.9900
Epichlorohydrin	0.1812 0.3058	0.2516 0.3010	0.2818	0.3680	0.2986	QuaF		0.3090	-0.000001						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.5098	0.5027 0.4881	0.4891	0.5517	0.4970	Ave		0.5064			0.2000	4.7		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.7672	2.3147 2.5115	2.9678	3.8397	2.9987	Ave		2.8999			0.0500	18.3		20.0			
Toluene	+++++ 1.3084	1.7286 1.2300	1.5176	1.5774	1.3318	Ave		1.4490			0.4000	13.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.4775	0.3270 0.4642	0.4037	0.4855	0.4566	Ave		0.4358			0.1000	13.9		20.0			
Ethyl methacrylate	+++++ 0.3618	+++++ 0.3524	0.3555	0.3933	0.3727	Ave		0.3671				4.5		20.0			
1,1,2-Trichloroethane	+++++ 0.2216	0.2932 0.2159	0.2149	0.2514	0.2239	Ave		0.2368			0.1000	13.0		20.0			
Tetrachloroethene	+++++ 0.3085	0.3979 0.2927	0.3454	0.3571	0.3108	Ave		0.3354			0.2000	11.6		20.0			
1,3-Dichloropropane	+++++ 0.4586	0.4921 0.4456	0.5031	0.5305	0.4731	Ave		0.4838				6.4		20.0			
2-Hexanone	+++++ 1.9503	1.0303 1.7949	1.5172	2.5152	2.0540	QuaF		2.0676	-0.000109		0.0500				1.0000		0.9900
Dibromochloromethane	+++++ 0.3564	0.2337 0.3576	0.2934	0.3370	0.3290	Ave		0.3179			0.1000	14.9		20.0			
Ethylene Dibromide	+++++ 0.3027	0.3111 0.2963	0.3001	0.3428	0.3077	Ave		0.3101			0.1000	5.4		20.0			
n-Butyl acetate	+++++ 0.3553	+++++ 0.3158	0.2675	0.3830	0.3709	Ave		0.3385				13.9		20.0			
Chlorobenzene	+++++ 0.9312	1.3753 0.9019	1.0551	1.1142	0.9389	Ave		1.0527			0.5000	16.9		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.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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								
1,1,1,2-Tetrachloroethane	+++++ 0.3384	0.3377 0.3317	0.3087	0.3630	0.3232	Ave		0.3338				5.4		20.0			
Ethylbenzene	+++++ 0.4638	0.5111 0.4522	0.4775	0.5344	0.4673	Ave		0.4844			0.1000	6.5		20.0			
m-Xylene & p-Xylene	+++++ 0.5840	0.6416 0.5653	0.5987	0.6581	0.5876	Ave		0.6059			0.1000	6.0		20.0			
o-Xylene	+++++ 0.6039	0.5926 0.5914	0.6250	0.6666	0.5959	Ave		0.6126			0.3000	4.8		20.0			
Styrene	+++++ 0.9953	1.0023 0.9642	0.9673	1.1207	0.9976	Ave		1.0079			0.3000	5.7		20.0			
n-Butyl acrylate	+++++ 0.2279	+++++ 0.2228	0.1755	0.2186	0.2212	Ave		0.2132				10.0		20.0			
Bromoform	+++++ 0.2300	0.1772 0.2425	0.1538	0.2150	0.2103	Ave		0.2048			0.1000	16.3		20.0			
Amyl acetate (mixed isomers)	+++++ 0.7676	+++++ 0.7437	0.5064	0.8091	0.7884	Ave		0.7230				17.1		20.0			
Isopropylbenzene	+++++ 1.2551	1.3484 1.1986	1.2373	1.3962	1.2416	Ave		1.2795			0.1000	5.9		20.0			
Bromobenzene	+++++ 0.7048	0.7504 0.6936	0.7925	0.8561	0.7067	Ave		0.7507				8.5		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5532	0.7144 0.6163	0.5820	0.5690	0.5217	Ave		0.5928			0.3000	11.4		20.0			
1,2,3-Trichloropropane	+++++ 0.4715	0.6379 0.4598	0.5252	0.5606	0.4753	Ave		0.5217				13.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2321	0.1948 0.2491	0.1758	0.2345	0.2219	Ave		0.2181				12.6		20.0			
N-Propylbenzene	+++++ 2.2408	1.9203 2.1657	2.2698	2.5995	2.2053	Ave		2.2336				9.8		20.0			
2-Chlorotoluene	+++++ 1.6847	2.4222 1.5672	2.0520	1.9465	1.7224	Ave		1.8991				16.4		20.0			
4-Ethyltoluene	+++++ 2.1491	2.2213 2.0348	2.0949	2.3048	2.1427	Ave		2.1579				4.4		20.0			
4-Chlorotoluene	+++++ 1.5228	1.5314 1.5052	1.8986	1.6524	1.3979	Ave		1.5847				11.0		20.0			
1,3,5-Trimethylbenzene	+++++ 1.6798	1.9721 1.6413	2.0128	1.9809	1.7101	Ave		1.8328				9.4		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.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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	+++++ 0.7687	0.4488 0.7847	0.5724	0.7241	0.7258	Ave		0.6708				19.7		20.0			
tert-Butylbenzene	+++++ 1.4020	1.5114 1.3750	1.4531	1.5422	1.3599	Ave		1.4406				5.2		20.0			
1,2,4-Trimethylbenzene	+++++ 1.7612	2.0118 1.7255	1.9740	2.0982	1.7837	Ave		1.8924				8.2		20.0			
sec-Butylbenzene	+++++ 1.8010	2.0323 1.7822	1.7505	1.9193	1.7395	Ave		1.8375				6.3		20.0			
1,3-Dichlorobenzene	+++++ 1.1856	1.2931 1.1336	1.2678	1.3817	1.1886	Ave		1.2417			0.6000	7.3		20.0			
1,4-Dichlorobenzene	+++++ 1.2099	1.5366 1.1788	1.4378	1.4214	1.2436	Ave		1.3380			0.5000	10.9		20.0			
4-Isopropyltoluene	+++++ 1.4943	1.5766 1.4897	1.6495	1.6865	1.4896	Ave		1.5644				5.6		20.0			
1,2,3-Trimethylbenzene	+++++ 1.9547	2.3875 1.8390	2.1220	2.2454	2.0763	Ave		2.1042				9.4		20.0			
Benzyl chloride	+++++ 0.1999	0.1988 0.1938	0.1594	0.1956	0.1869	Ave		0.1890				8.1		20.0			
Indan	+++++ 2.2243	2.4890 2.0315	2.2420	2.4884	2.2586	Ave		2.2890				7.7		20.0			
1,2-Dichlorobenzene	+++++ 1.1808	1.2621 1.1179	1.3460	1.3925	1.2083	Ave		1.2513			0.4000	8.3		20.0			
p-Diethylbenzene	+++++ 0.7928	0.8603 0.7753	0.8475	0.9147	0.8326	Ave		0.8372				6.0		20.0			
n-Butylbenzene	+++++ 0.6020	0.7139 0.6196	0.6588	0.7391	0.6219	Ave		0.6592				8.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1502	0.1302 0.1578	0.1346	0.1563	0.1414	Ave		0.1451			0.0500	7.9		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.6269	1.7049 1.3657	1.8035	1.8352	1.7628	Ave		1.6832				10.2		20.0			
1,3,5-Trichlorobenzene	+++++ 0.5919	0.7099 0.5202	0.6359	0.6784	0.6363	Ave		0.6288				10.6		20.0			
1,2,4-Trichlorobenzene	+++++ 0.5366	0.5585 0.4942	0.6262	0.6264	0.5853	Ave		0.5712			0.2000	9.1		20.0			
Hexachlorobutadiene	+++++ 0.1796	0.2453 0.1712	0.2005	0.2051	0.1908	Ave		0.1987				13.1		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 Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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	+++++ 1.5070	1.5248 1.3721	1.6092	1.9692	1.7358	Ave		1.6197				12.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4583	0.5848 0.4291	0.5646	0.5888	0.5208	Ave		0.5244				12.9		20.0			
Dibromofluoromethane (Surr)	0.2456 0.2625	0.2581 0.2711	0.2349	0.2496	0.2510	Ave		0.2532				4.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2478 0.2634	0.2570 0.2742	0.2370	0.2414	0.2473	Ave		0.2526				5.2		20.0			
Toluene-d8 (Surr)	1.2918 1.1895	1.3902 1.1574	1.2379	1.3310	1.2020	Ave		1.2571				6.7		20.0			
Bromofluorobenzene	0.3741 0.3894	0.4018 0.3853	0.3613	0.4124	0.3853	Ave		0.3871				4.4		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-869787/3	O82141.d
Level 2	STD1 460-869787/4	O82142.d
Level 3	STD5 460-869787/5	O82143.d
Level 4	STD20 460-869787/6	O82144.d
Level 5	STD50 460-869787/7	O82145.d
Level 6	STD200 460-869787/8	O82146.d
Level 7	STD500 460-869787/9	O82147.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	BUT	Ave	+++++ 255926	973 689992	5010	22392	61916	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Lin2	+++++ 642895	4637 1598741	18800	76342	149601	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 120450	751 294762	3459	12050	22133	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Lin2	+++++ 555825	3974 1359478	16019	62800	122855	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 537554	3806 1275071	15684	59991	126082	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	728 477399	2975 1178723	12714	53801	110040	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 337572	2535 +++++	12103	42502	92661	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 381217	2412 746969	10130	40307	85120	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1009822	6063 2428134	25398	104099	229416	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 899306	5238 2240924	23359	93713	210559	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 182665	1015 454245	5422	17212	50115	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 84508	538 +++++	2325	9266	23789	+++++ 8000	40.0 +++++	200	800	2000
Ethyl ether	FB	Ave	+++++ 367732	1584 932119	8446	35166	89184	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 535084	2656 1327076	12935	51670	133896	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 426163	2268 1037713	9279	42717	111276	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 703755	3517 1847460	18074	70224	183608	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 43543	701 119228	3096	6678	18953	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 477645	2611 1222100	12295	48965	119496	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 463482	2676 1186076	12310	46698	117686	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 168350	800 443286	2806	12557	36179	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 979918	3539 2334926	18231	85701	231124	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 208829	834 595886	2878	14723	42051	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1547154	8564 3879600	42954	166084	394280	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 351217	1447 935580	9080	33955	82379	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	QuaF	+++++ 164449	565 377945	4132	17587	41624	+++++ 2000	10.0 5000	50.0	200	500
Methyl acetate	TBAd9	Ave	+++++ 432901	1459 1251340	6114	28643	78464	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1195423	5760 2907898	27187	109418	289914	+++++ 200	1.00 500	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++	3555	15117	62016	145041	+++++	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 Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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
			568124	1426314				200	500			
2-Methyl-2-propanol	TBAd9	Ave	+++++ 324276	1897 945579	8420	30357	73875	+++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	FB	Ave	1539 1294216	4909 3566132	22877	110350	285449	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 558839	2945 1409253	13442	54539	132506	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1365581	6347 3502392	33186	134575	329851	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	+++++ 342446	2147 896550	8813	35114	88115	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 926425	4798 2322157	23153	92155	224041	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 97057	204 +++++	1261	5823	19905	+++++ 400	2.00 +++++	10.0	40.0	100
Isopropyl ether	FB	Ave	+++++ 1402444	6996 3194491	35248	146860	370029	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 562814	2140 1367756	12350	52008	141447	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1610044	6596 3905588	36962	153217	402287	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 157074	732 393707	4093	15323	36580	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 621474	3207 1594408	14730	60316	148632	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 232250	1030 597010	4659	19606	53349	+++++ 1000	5.00 2500	25.0	100	250
Propionitrile	TBAd9	Ave	+++++ 535744	1641 1450160	9927	43156	119139	+++++ 2000	10.0 5000	50.0	200	500
Ethyl acetate	BUT	Ave	+++++ 87103	+++++ 223201	2182	7730	21647	+++++ 400	+++++ 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 358406	1657 952427	7770	30550	82870	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++	6560	32529	134376	375417	+++++	10.0	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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
			1626107	4085277				2000	5000			
Chlorobromomethane	FB	Ave	+++++ 321062	1676 799400	8384	32348	78568	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 187656	855 520628	3673	16035	39360	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 953632	4796 2431880	23243	93489	234423	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 896659	4713 2270291	21960	85148	211129	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 643680	3331 1605291	16889	66958	157526	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 768210	3532 1973013	17790	72109	181633	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 727391	3421 1773099	18235	72965	178520	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 338264	+++++ 896167	4684	28552	77117	+++++ 5000	+++++ 12500	125	500	1250
Benzene	CBNZd5	Ave	+++++ 2147466	10971 5270945	54222	218803	532353	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 694432	3796 1755023	16862	68146	168707	+++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	+++++ 746075	4753 1868534	17139	71902	195561	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 165436	615 397815	3544	14884	41046	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1539302	7437 3736765	37553	156418	397616	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 228048	1439 583464	6682	24705	58887	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 641852	3040 1453574	16675	68615	162261	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 259411	+++++ 703319	+++++	13921	56926	+++++ 5000	+++++ 12500	+++++	500	1250

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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
Ethyl acrylate	FB	Lin2	+++++ 925626	1993 2292038	17197	86546	228874	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 559719	2663 1416561	13525	58532	137325	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 519868	2635 1311879	13374	51927	131331	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 335817	1919 878156	7167	33235	82651	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 126761	1459 335457	3169	12944	32282	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	Ave	+++++ 300299	807 752077	6505	28965	74617	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	+++++ 541799	1541 1359291	9835	48496	134014	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 765120	2952 1994388	17057	69752	179808	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	QuaF	+++++ 228715	464 661443	4107	18667	49638	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	QuaF	+++++ 345377	744 870804	5087	31561	80853	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	QuaF	452 852278	2349 2233082	15227	73480	194101	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 944010	3702 2379967	20418	87563	222264	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 1928322	5403 4658791	40096	191658	487237	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2423066	12730 5997526	63357	250361	595638	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 884361	2408 2263436	16855	77057	204221	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 670019	+++++ 1718485	14841	62427	166673	+++++ 200	+++++ 500	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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	+++++ 410429	2159 1052574	8974	39907	100133	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 571287	2930 1427340	14421	56676	139002	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 849198	3624 2172749	21006	84208	211605	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	QuaF	+++++ 1359046	2405 3329493	20498	125543	333737	+++++ 1000	5.00 2500	25.0	100	250
Dibromochloromethane	CBNZ d5	Ave	+++++ 660060	1721 1743807	12248	53493	147156	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 560625	2291 1444879	12529	54414	137630	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 657985	+++++ 1539968	11166	60793	165865	+++++ 200	+++++ 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1724399	10128 4397670	44049	176849	419901	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 626680	2487 1617399	12888	57619	144544	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 858962	3764 2204994	19937	84821	208998	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1081560	4725 2756568	24995	104452	262808	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1118415	4364 2883631	26095	105800	266507	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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
Styrene	CBNZ d5	Ave	+++++ 1843204	7381 4701484	40383	177869	446154	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 422087	+++++ 1086550	7328	34696	98924	+++++ 200	+++++ 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 425955	1305 1182284	6423	34121	94051	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 820085	+++++ 2089186	10664	69951	199716	+++++ 200	+++++ 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2324263	9930 5844600	51658	221609	555310	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 752981	2854 1948336	16689	74011	179014	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 590953	2717 1731373	12256	49197	132156	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 503707	2426 1291674	11059	48469	120403	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 247999	741 699780	3703	20277	56224	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2393933	7303 6083786	47797	224738	558659	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1799750	9212 4402416	43210	168281	436330	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 2295923	8448 5715878	44114	199259	542816	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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	+++++ 1626790	5824 4228220	39981	142857	354124	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1794543	7500 4610660	42386	171261	433223	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 821218	1707 2204429	12053	62604	183864	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1497776	5748 3862431	30599	133331	344506	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1881511	7651 4847005	41569	181397	451858	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1924065	7729 5006532	36861	165936	440657	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1266551	4918 3184557	26697	119453	301112	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1292511	5844 3311465	30277	122883	315030	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1596377	5996 4184877	34734	145803	377366	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 2088243	9080 5166078	44685	194124	525990	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 213539	756 544319	3356	16913	47337	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2376237	9466 5706661	47212	215132	572171	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1261508	4800 3140179	28344	120385	306094	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 847007	3272 2177840	17846	79077	210925	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 643149	2715 1740434	13872	63901	157550	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 160499	495 443144	2834	13516	35826	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 1738092	6484 3836512	37978	158666	446576	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 632350	2700 1461187	13390	58654	161196	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 573260	2124 1388215	13187	54154	148272	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 191827	933 480813	4223	17728	48343	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1609994	5799 3854524	33886	170247	439713	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 489558	2224 1205455	11890	50906	131927	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	124925 139365	127363 145453	124639	127932	132977	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	126022 139850	126852 147135	125756	123727	131033	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	507867	511898	516832	528137	537566	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.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

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
			550711	564390				50.0	50.0			
Bromofluorobenzene	CBNZ d5	Ave	147062 180298	147967 187864	150829	163651	172328	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
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.: 460-267360-1 Analy Batch No.: 869787

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2022 21:13 Calibration End Date: 10/03/2022 23:44 Calibration ID: 91473

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-869787/3	O82141.d
Level 2	STD1 460-869787/4	O82142.d
Level 3	STD5 460-869787/5	O82143.d
Level 4	STD20 460-869787/6	O82144.d
Level 5	STD50 460-869787/7	O82145.d
Level 6	STD200 460-869787/8	O82146.d
Level 7	STD500 460-869787/9	O82147.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	+++++	-1.2						30				
Chloromethane	+++++	-1.3						30				
Ethyl acrylate	+++++	2.3						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Oct-2022 21:13:30 ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0151211-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:16:07 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 03-Oct-2022 21:35:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.993	0.993	0.000	74	728	0.2500	0.2876	M
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	100	136159	1000.0	1000.0	
33 Acrylonitrile	53	2.043	1.998	0.045	77	1539	2.00	2.62	Ma
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	124733	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	97	124925	50.0	48.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	126022	50.0	49.0	
* 65 Fluorobenzene	96	3.664	3.664	0.000	99	508613	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	23784	1000.0	1000.0	
80 Epichlorohydrin	57	4.955	4.932	0.023	1	452	5.00	2.93	a
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	507867	50.0	51.4	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	83	393138	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	147062	50.0	48.3	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	200777	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00144	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00105	Amount Added:	20.00	Units: uL	
Ethanol mix_00069	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	0.00	Units: uL	
14DIOXNEAT_00003	Amount Added:	0.00	Units: uL	
524freon_00058	Amount Added:	0.00	Units: uL	
8FreonHi_00049	Amount Added:	0.00	Units: uL	
GAS Hi_00425	Amount Added:	0.00	Units: uL	
MIX I Hi_00155	Amount Added:	0.00	Units: uL	
GASES Li_00496	Amount Added:	2.50	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

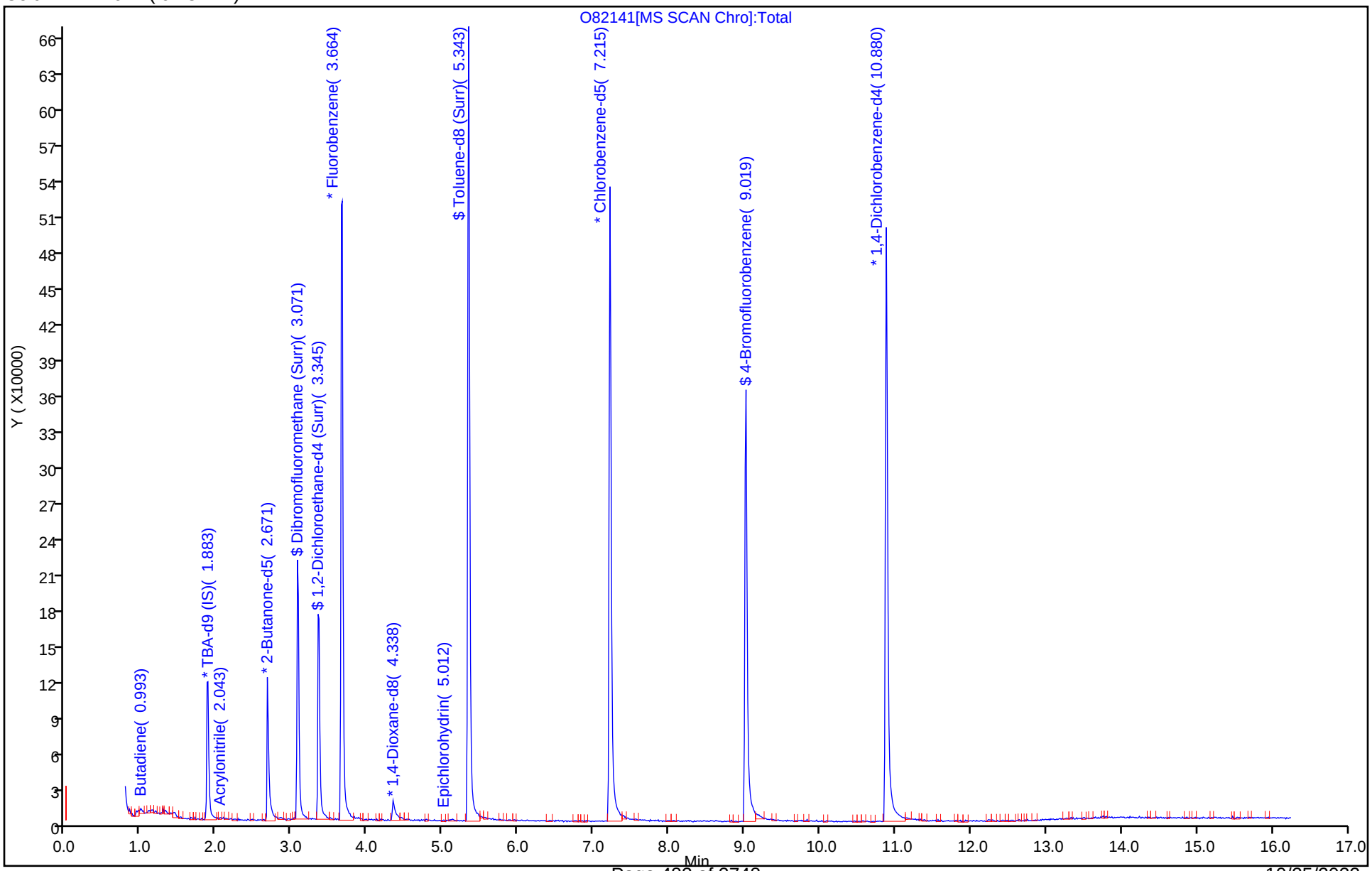
Report Date: 04-Oct-2022 17:16:08 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d

Injection Date:	03-Oct-2022 21:13:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

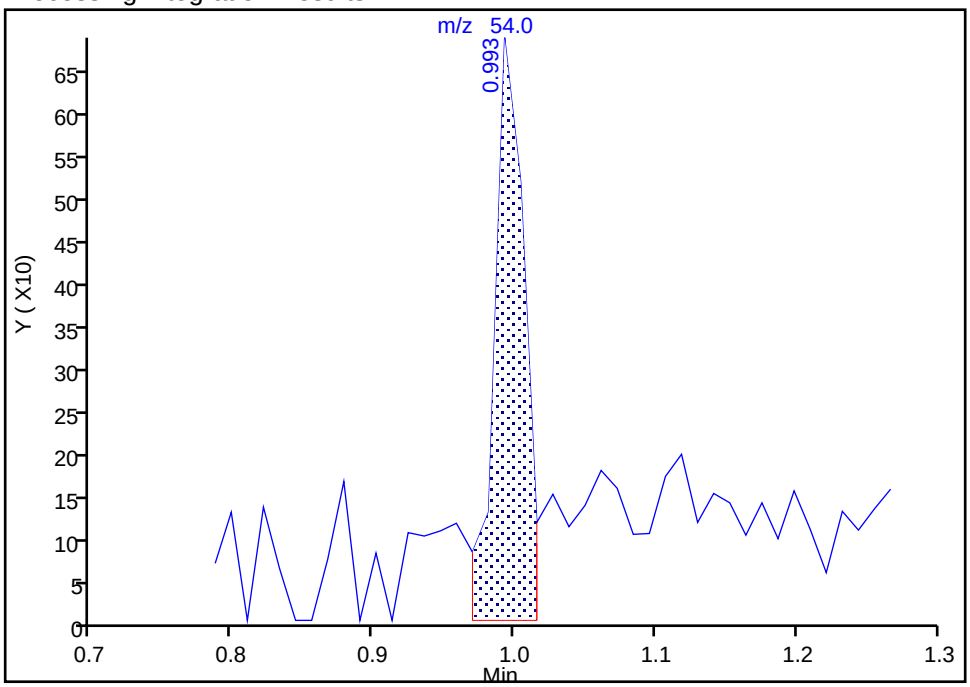
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

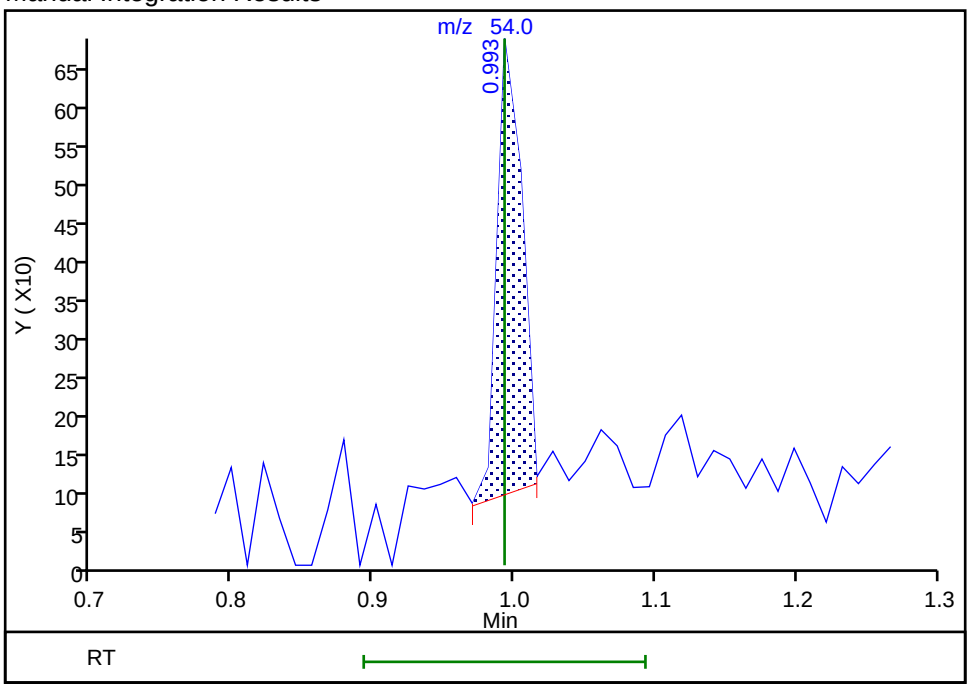
Processing Integration Results

RT: 0.99
Area: 1042
Amount: 0.430397
Amount Units: ug/l



Manual Integration Results

RT: 0.99
Area: 728
Amount: 0.287607
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:08:48
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

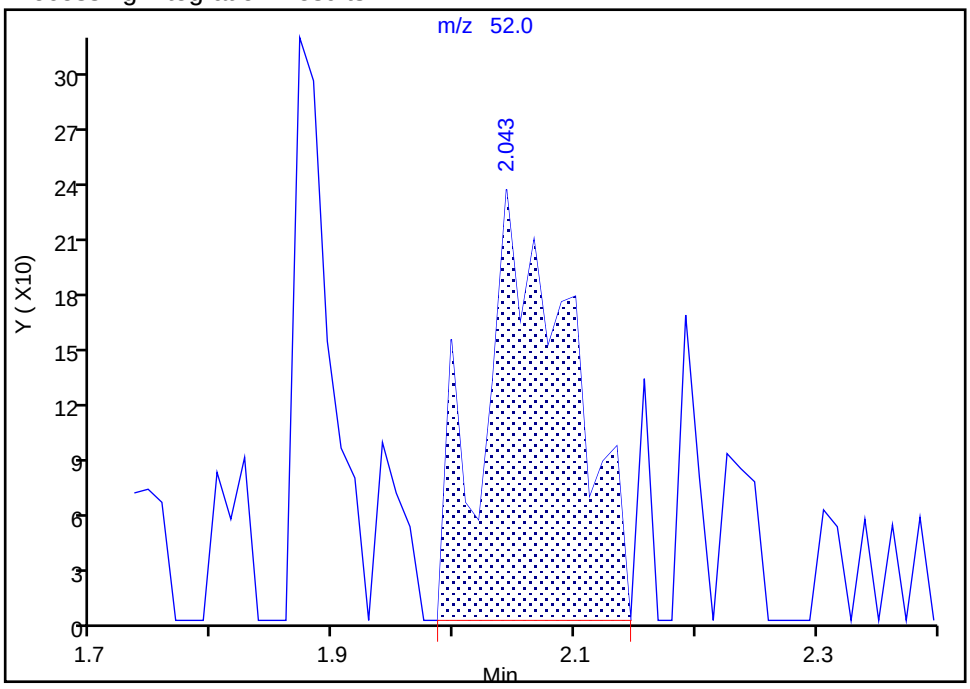
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

33 Acrylonitrile, CAS: 107-13-1

Signal: 2

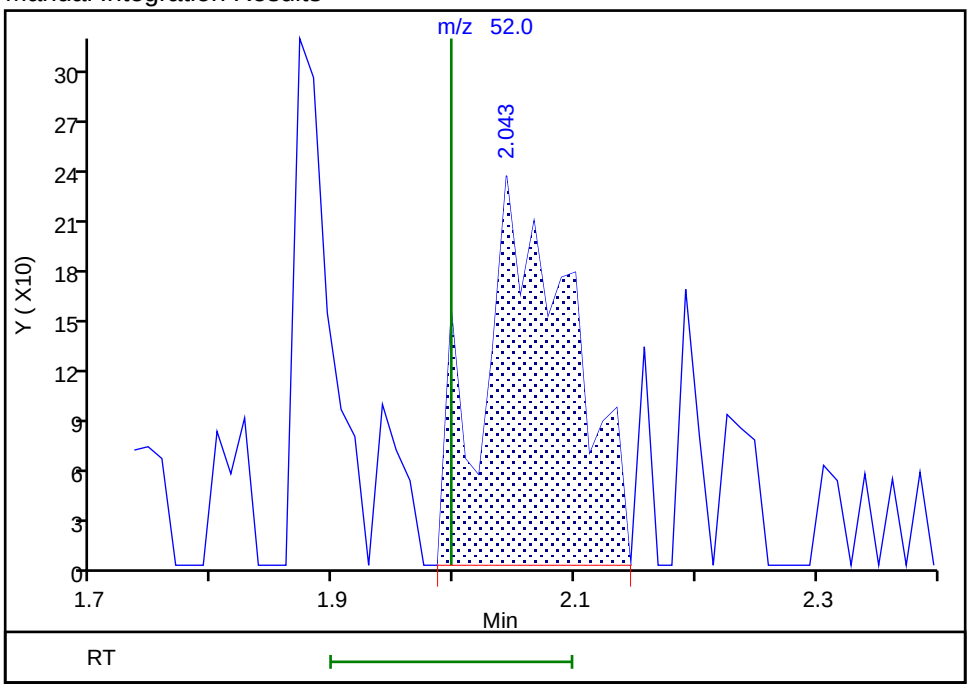
Processing Integration Results

RT: 2.04
Area: 1176
Amount: 2.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 1176
Amount: 2.624067
Amount Units: ug/l



Reviewer: HVW2, 04-Oct-2022 00:26:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

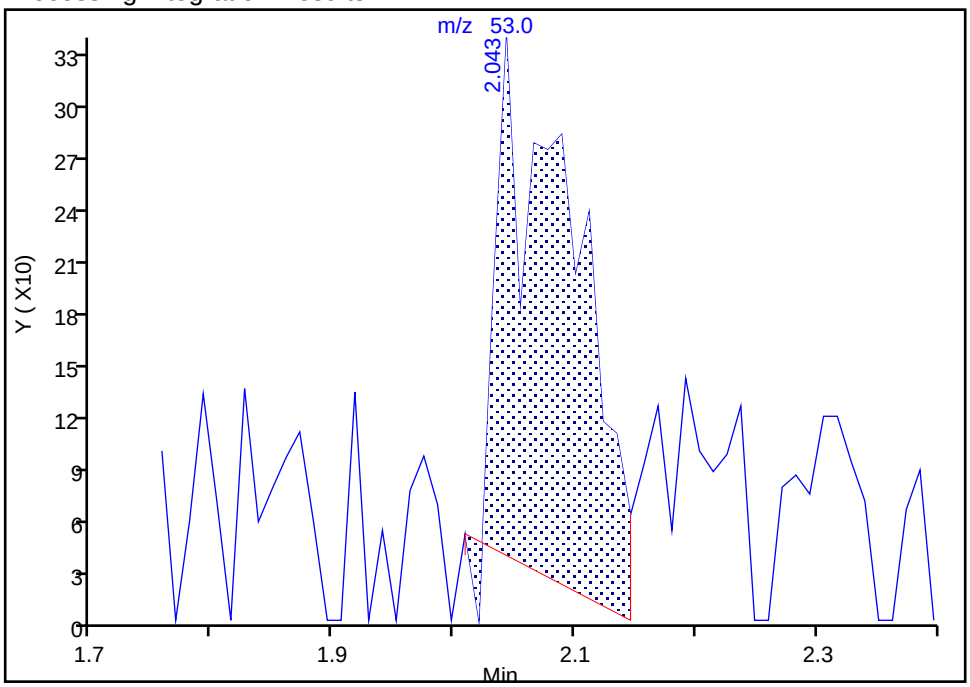
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

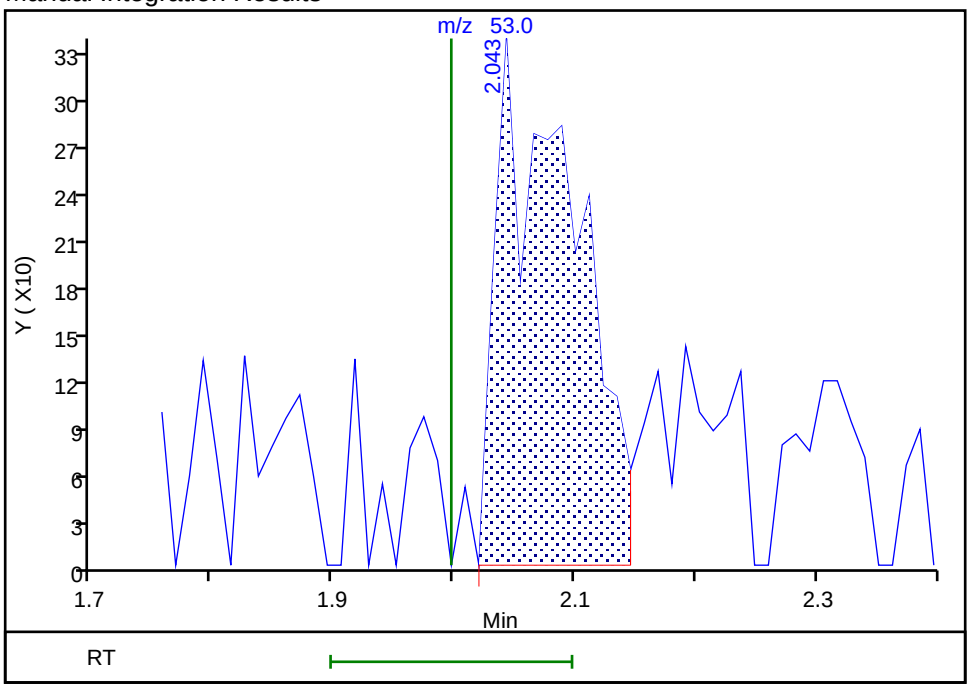
Processing Integration Results

RT: 2.04
Area: 1351
Amount: 2.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 1539
Amount: 2.624067
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:09:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

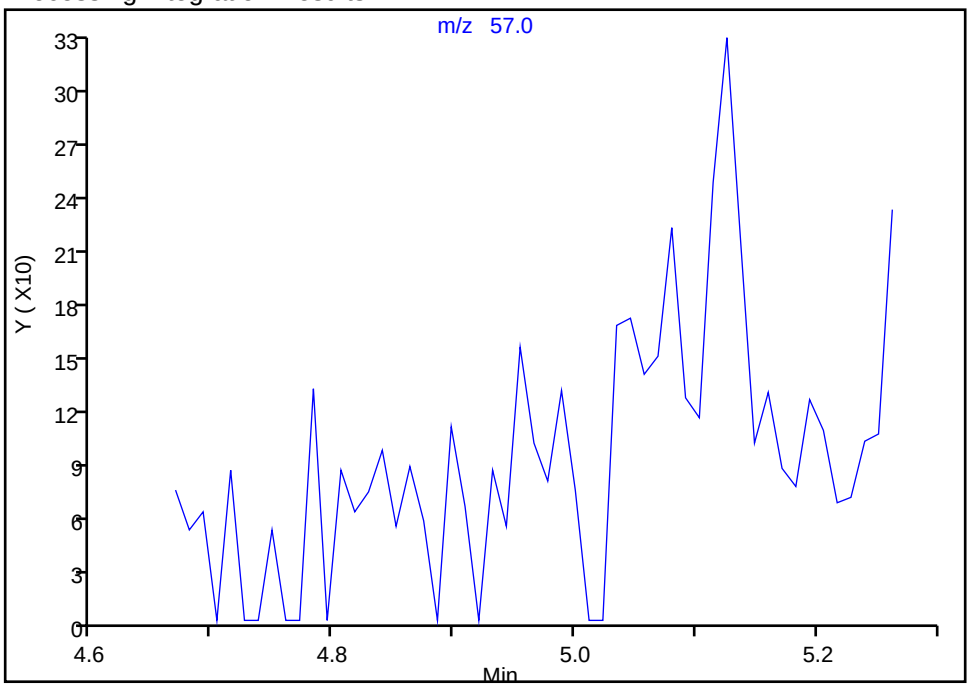
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

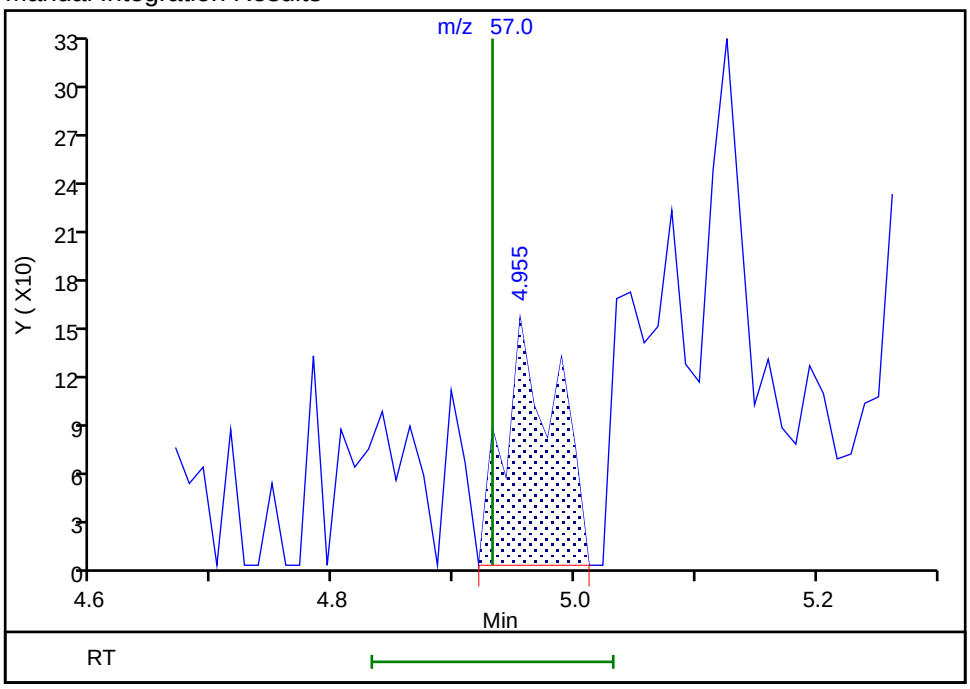
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 452
Amount: 2.931754
Amount Units: ug/l



Reviewer: HVW2, 03-Oct-2022 21:34:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

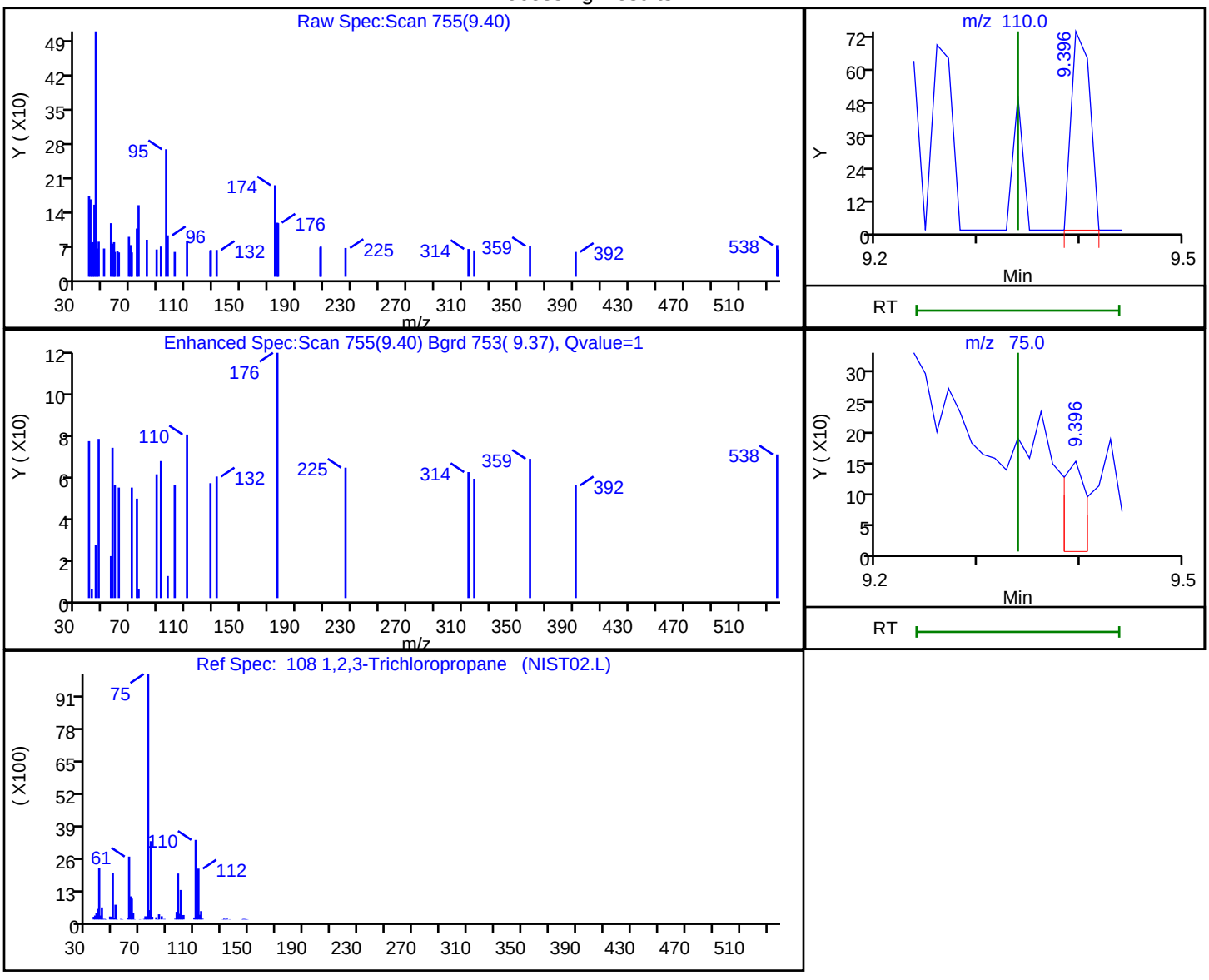
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

108 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.40	110.00	95	
9.40	75.00	245	0.095647

Reviewer: HVW2, 04-Oct-2022 00:27:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

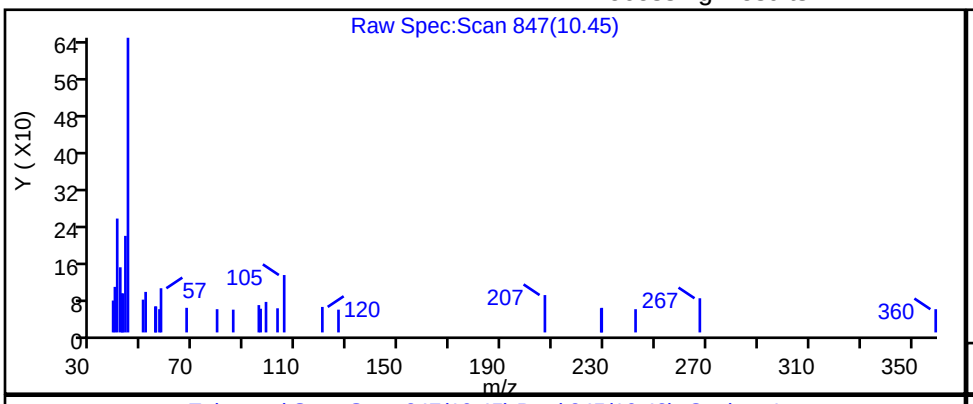
User Disabled Compound Report

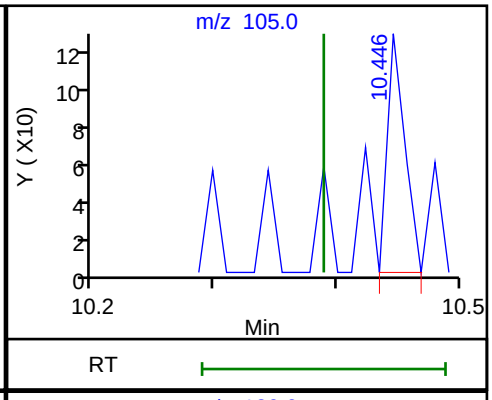
Eurofins Edison

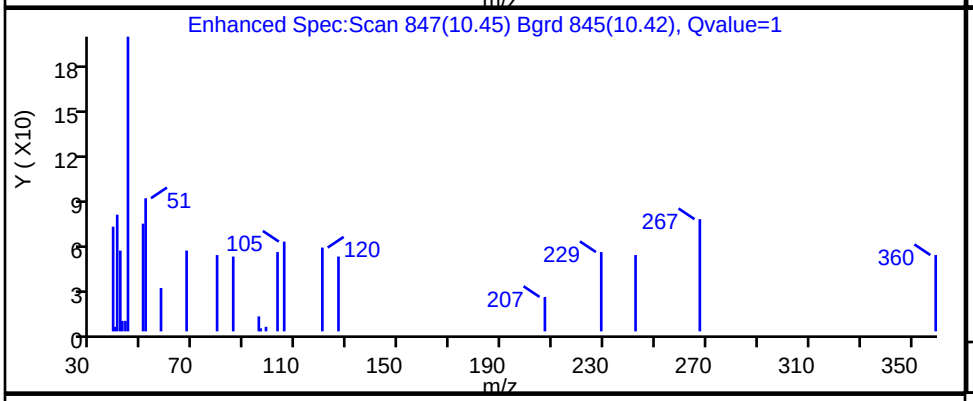
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

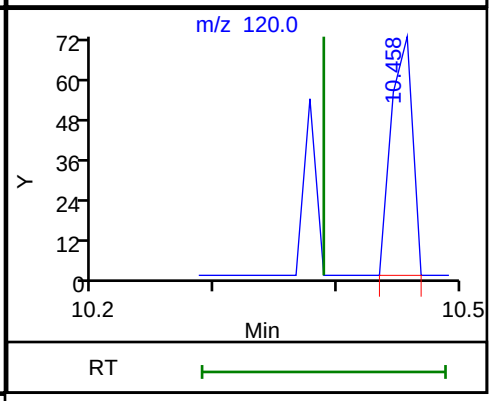
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

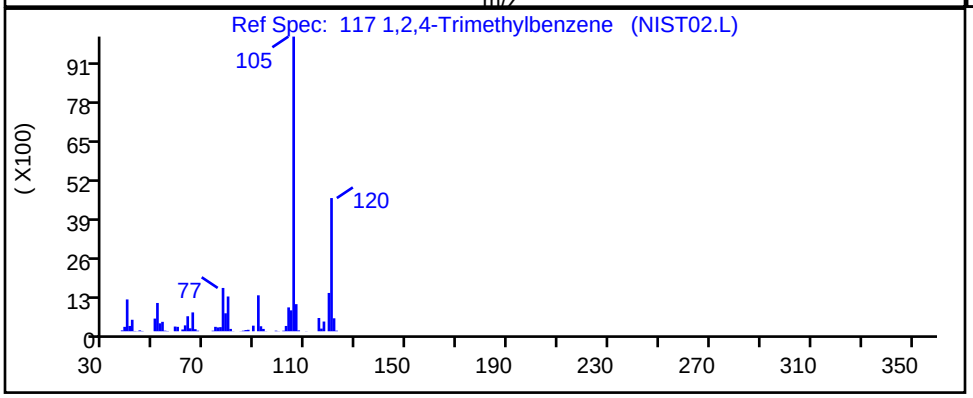
Processing Results











RT	Mass	Response	Amount
10.45	105.00	125	0.015473
10.46	120.00	88	

Reviewer: HVW2, 04-Oct-2022 00:27:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

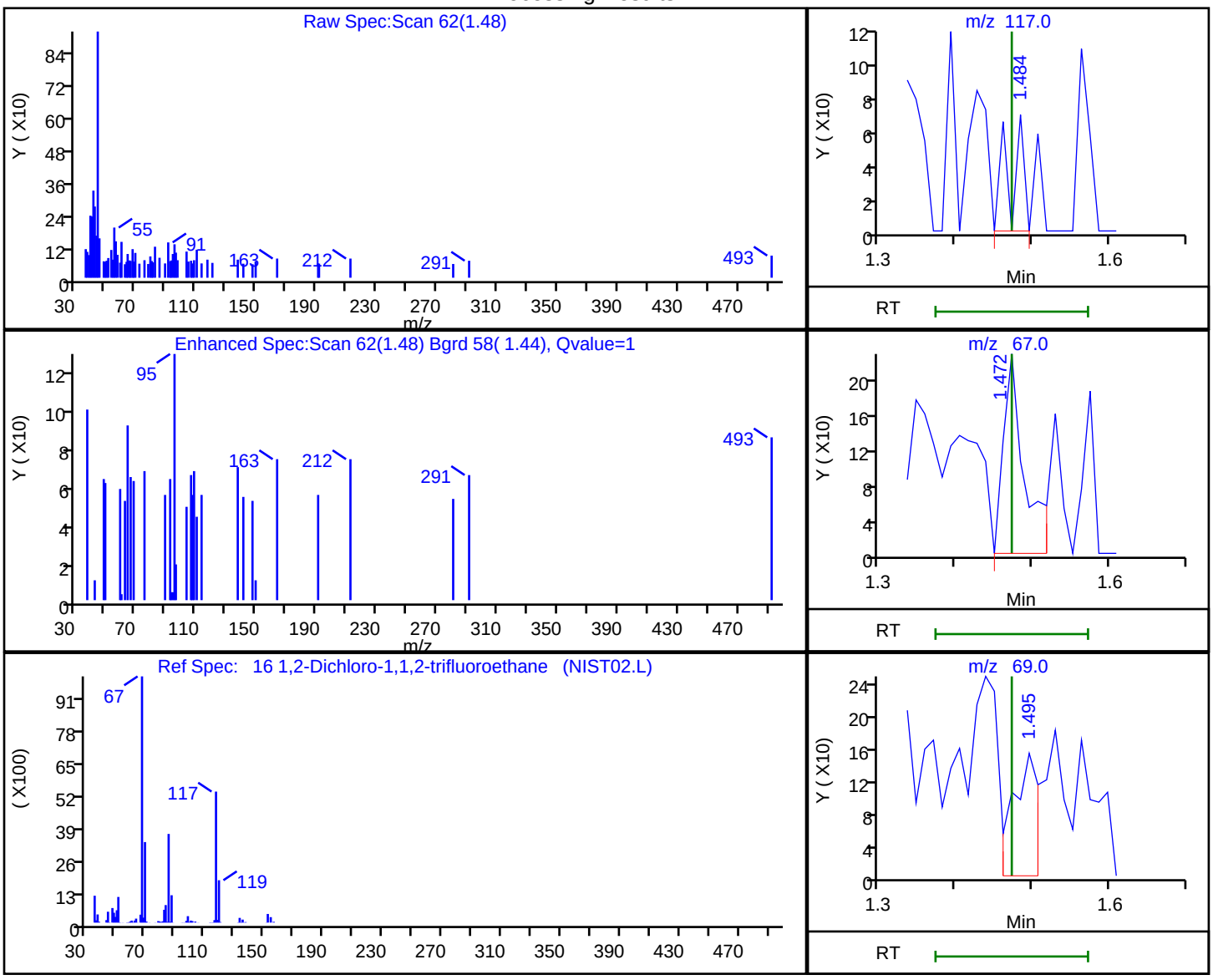
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.48	117.00	89	0.032514
1.47	67.00	434	
1.50	69.00	344	
1.46	119.00	93	

Reviewer: HVW2, 04-Oct-2022 00:26:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

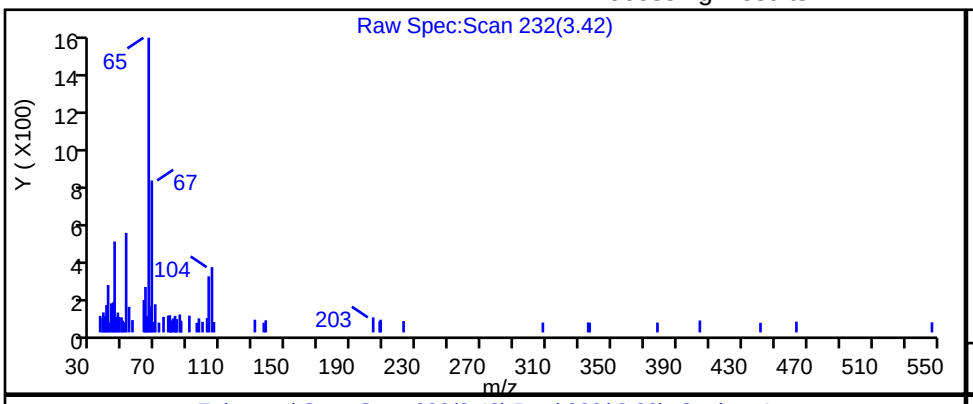
User Disabled Compound Report

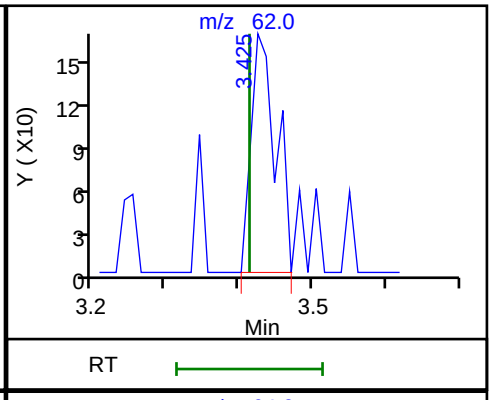
Eurofins Edison

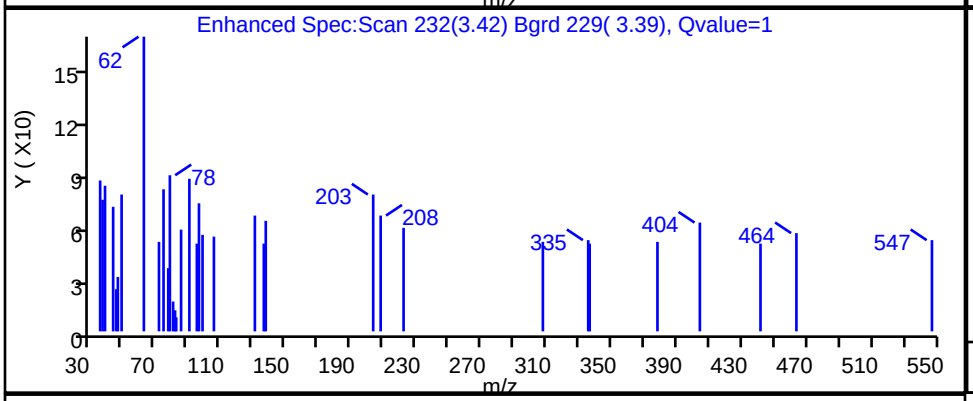
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

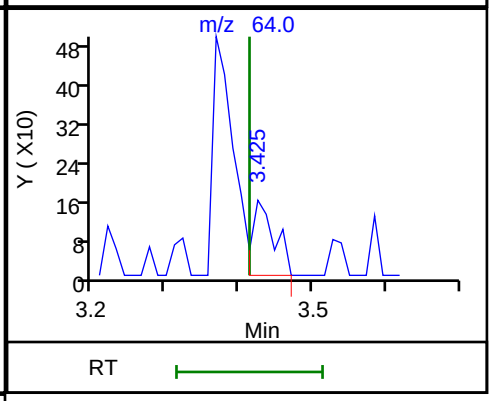
60 1,2-Dichloroethane, CAS: 107-06-2

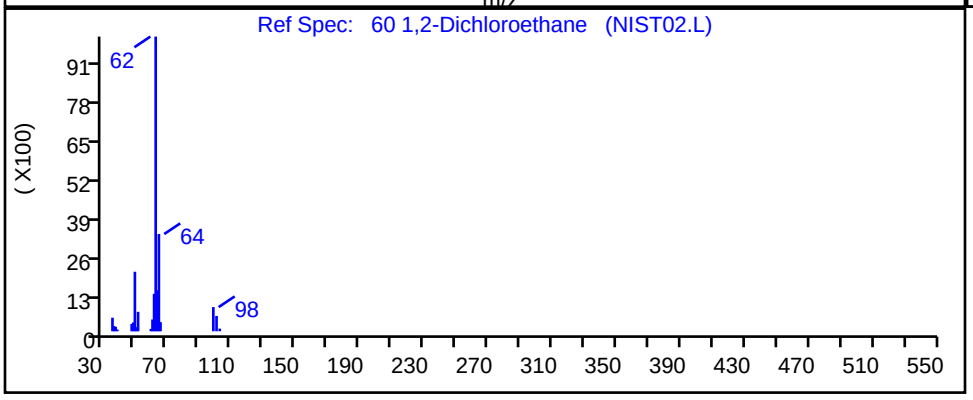
Processing Results











RT	Mass	Response	Amount
3.42	62.00	396	0.101222
3.42	64.00	329	

Reviewer: HVW2, 04-Oct-2022 00:26:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

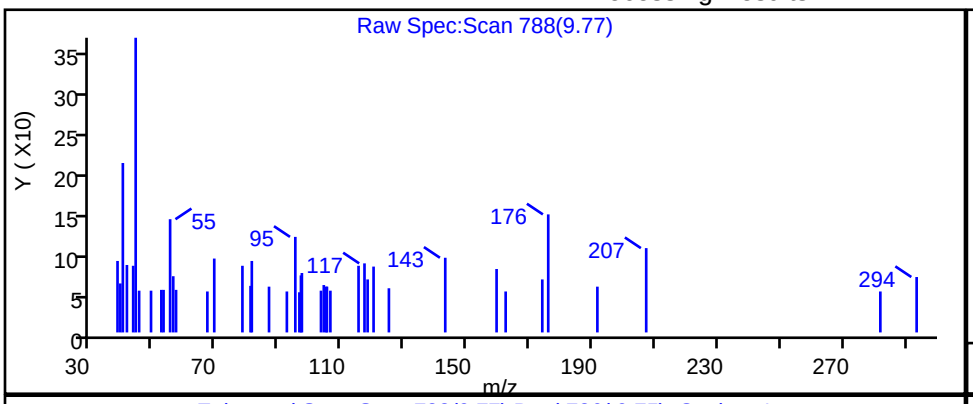
User Disabled Compound Report

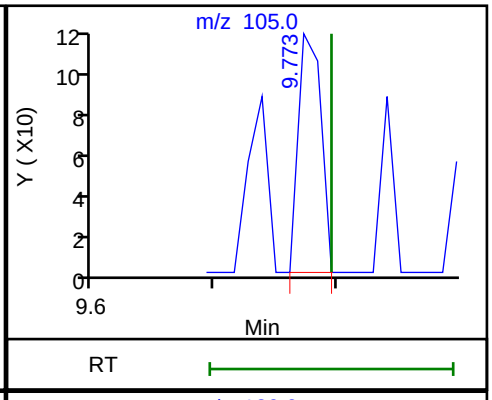
Eurofins Edison

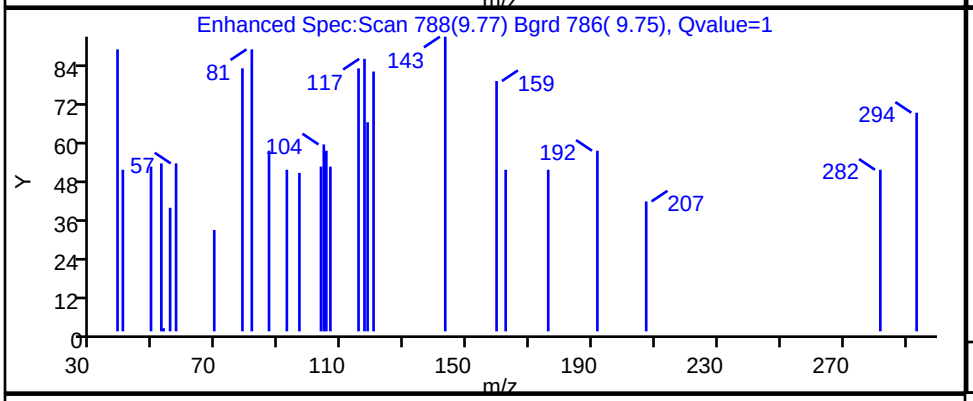
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

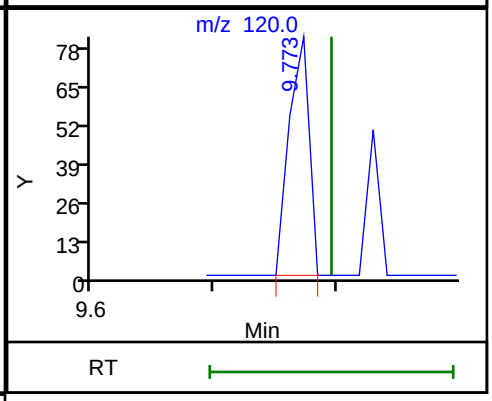
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

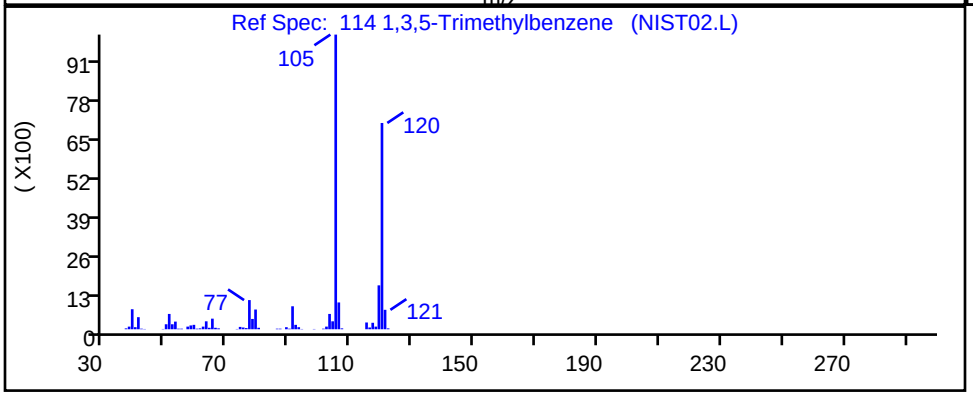
Processing Results











RT	Mass	Response	Amount
9.77	105.00	147	0.018563
9.77	120.00	94	

Reviewer: HVW2, 04-Oct-2022 00:27:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

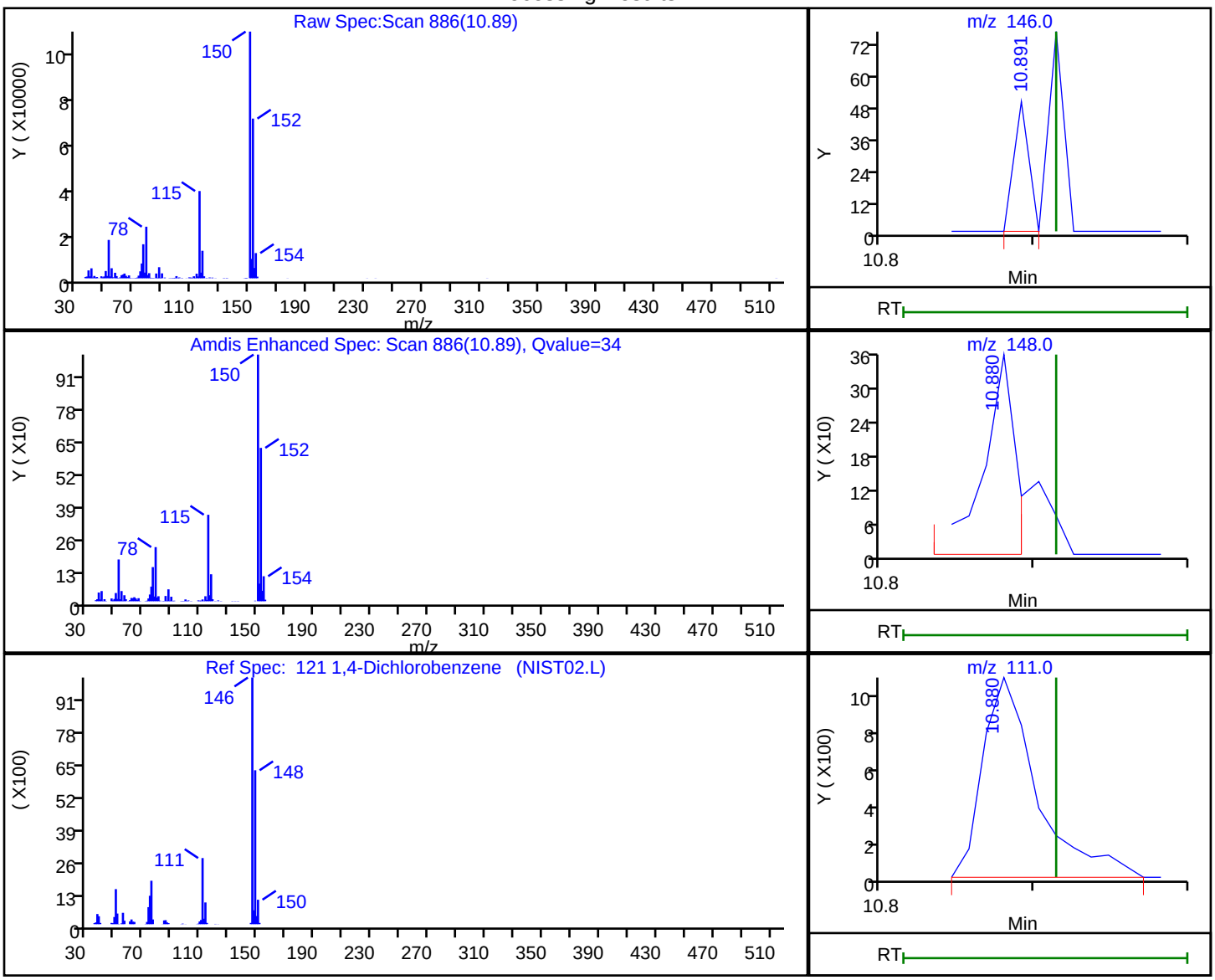
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.89	146.00	34	0.005510
10.88	148.00	504	
10.88	111.00	2558	

Reviewer: HVW2, 04-Oct-2022 00:27:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

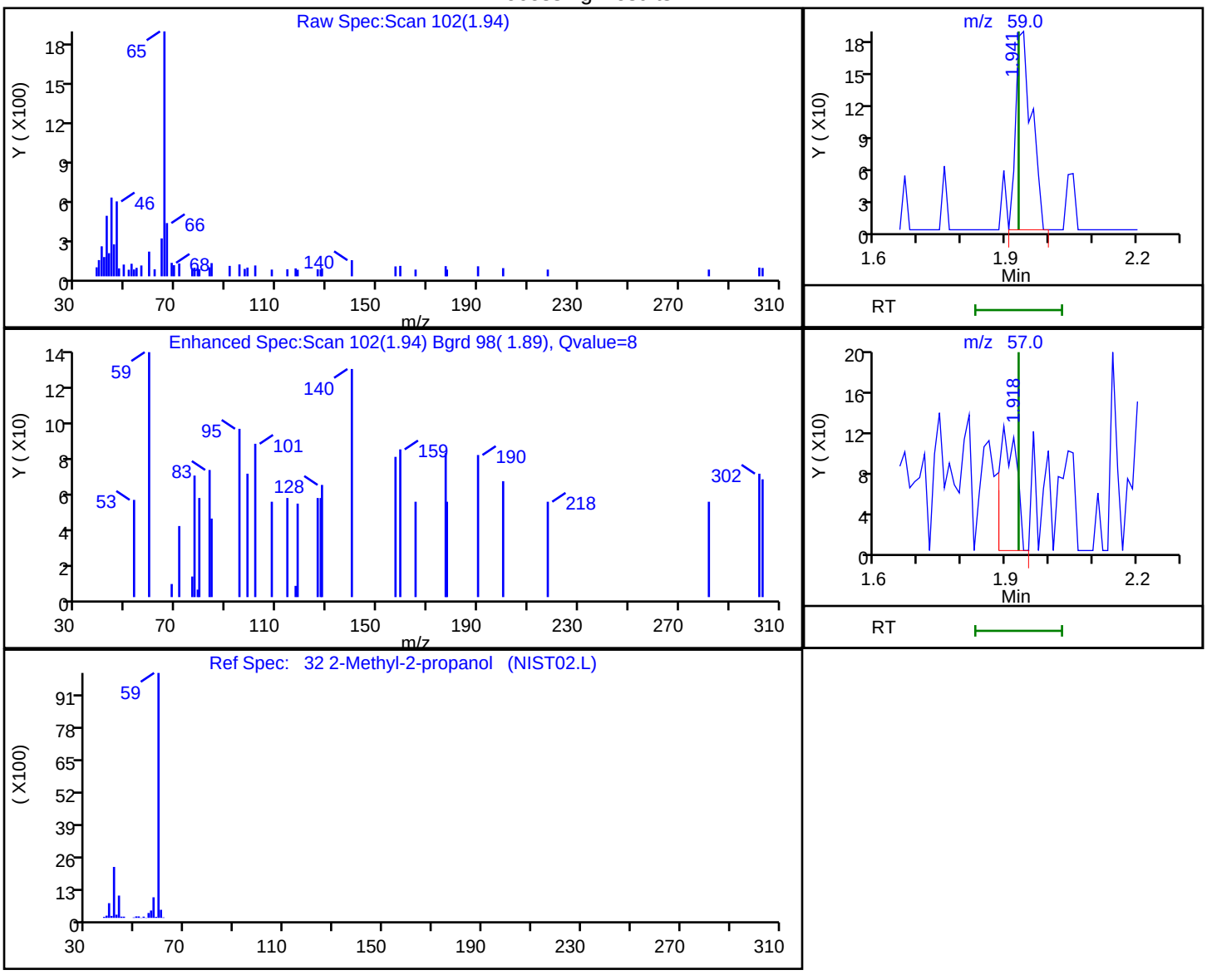
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
1.94	59.00	473	2.305470
1.92	57.00	315	

Reviewer: HVW2, 04-Oct-2022 00:26:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

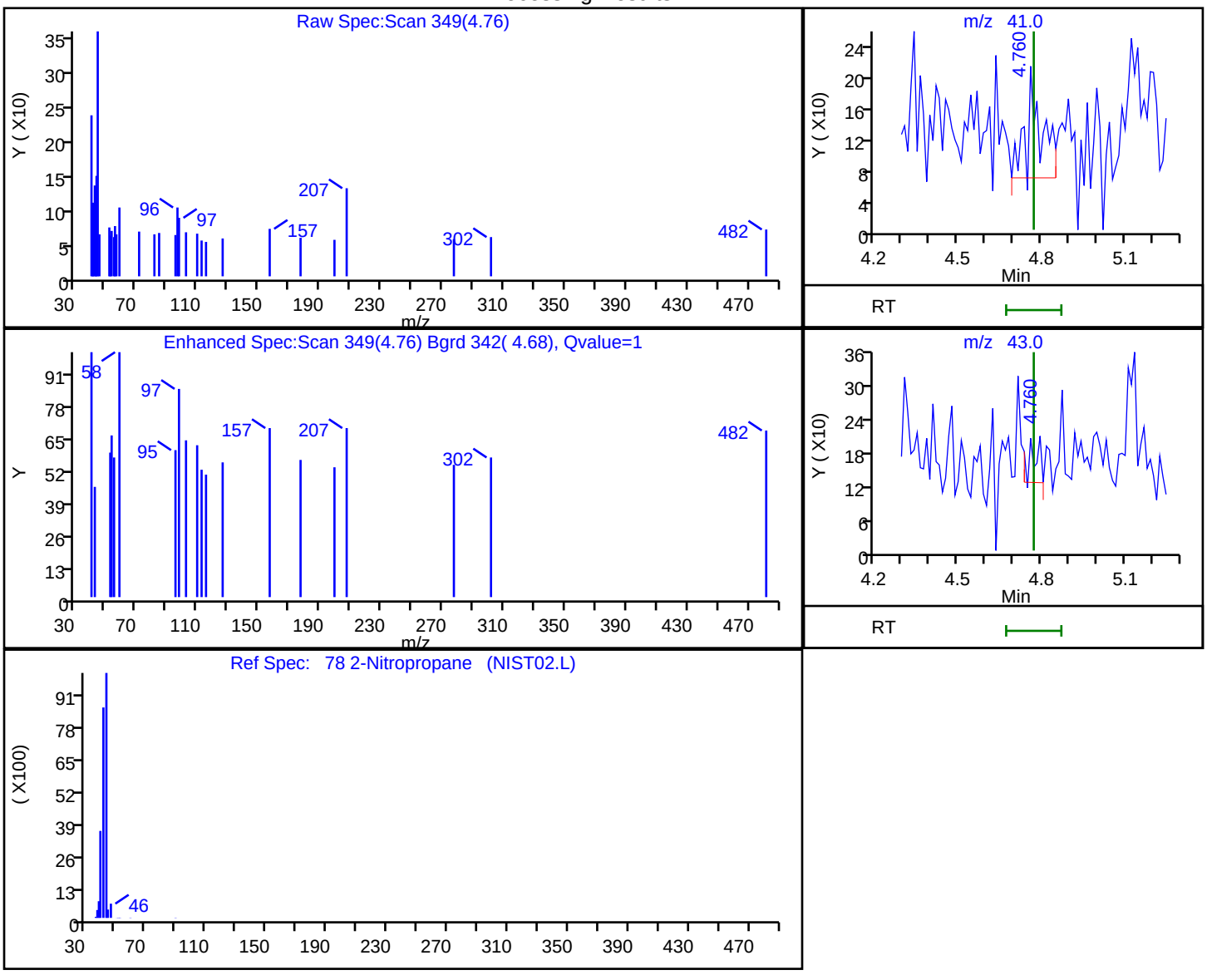
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
4.76	41.00	534	2.287598
4.76	43.00	186	

Reviewer: HVW2, 04-Oct-2022 00:27:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

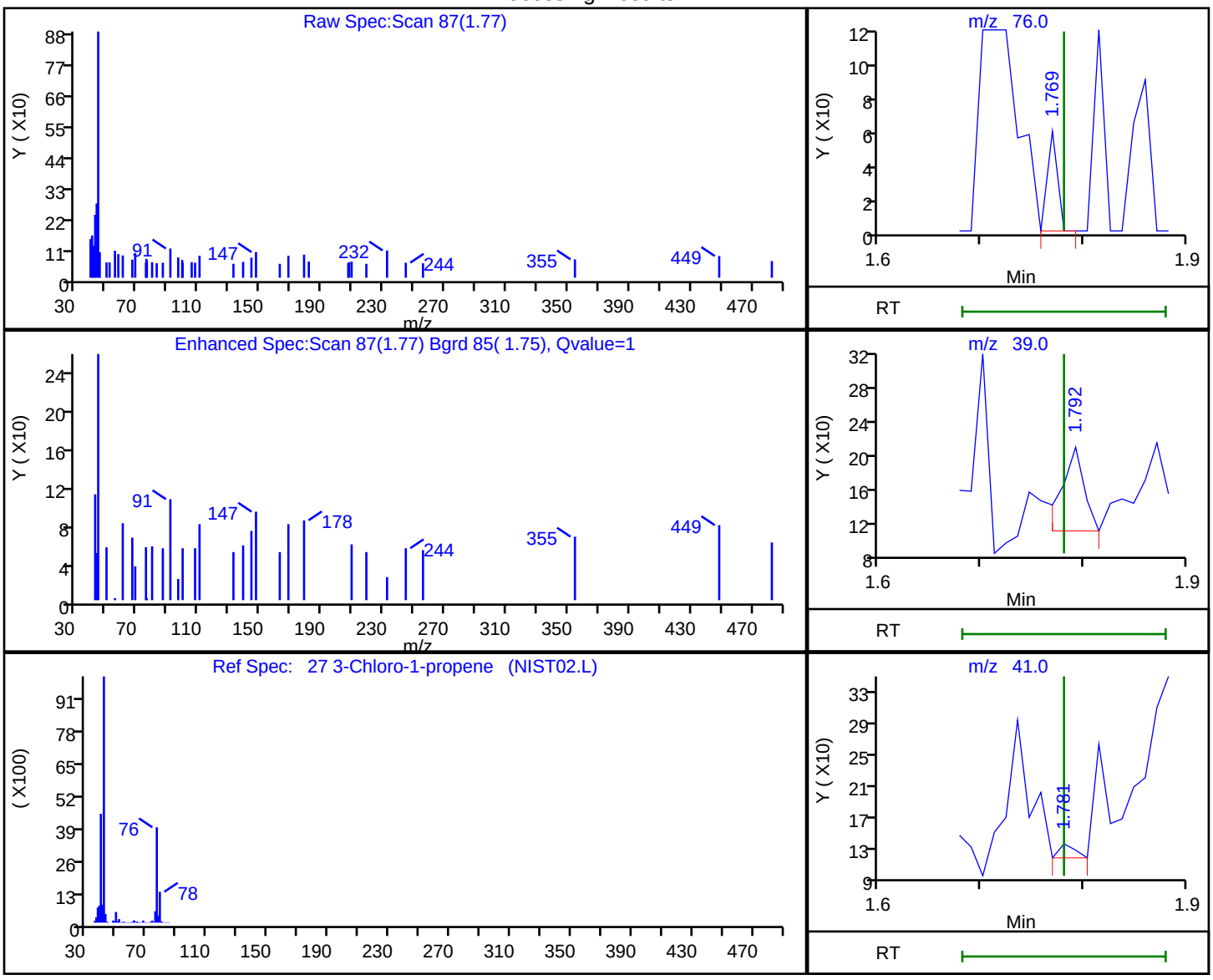
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.77	76.00	41	0.027493
1.79	39.00	148	
1.78	41.00	19	

Reviewer: HVW2, 04-Oct-2022 00:26:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

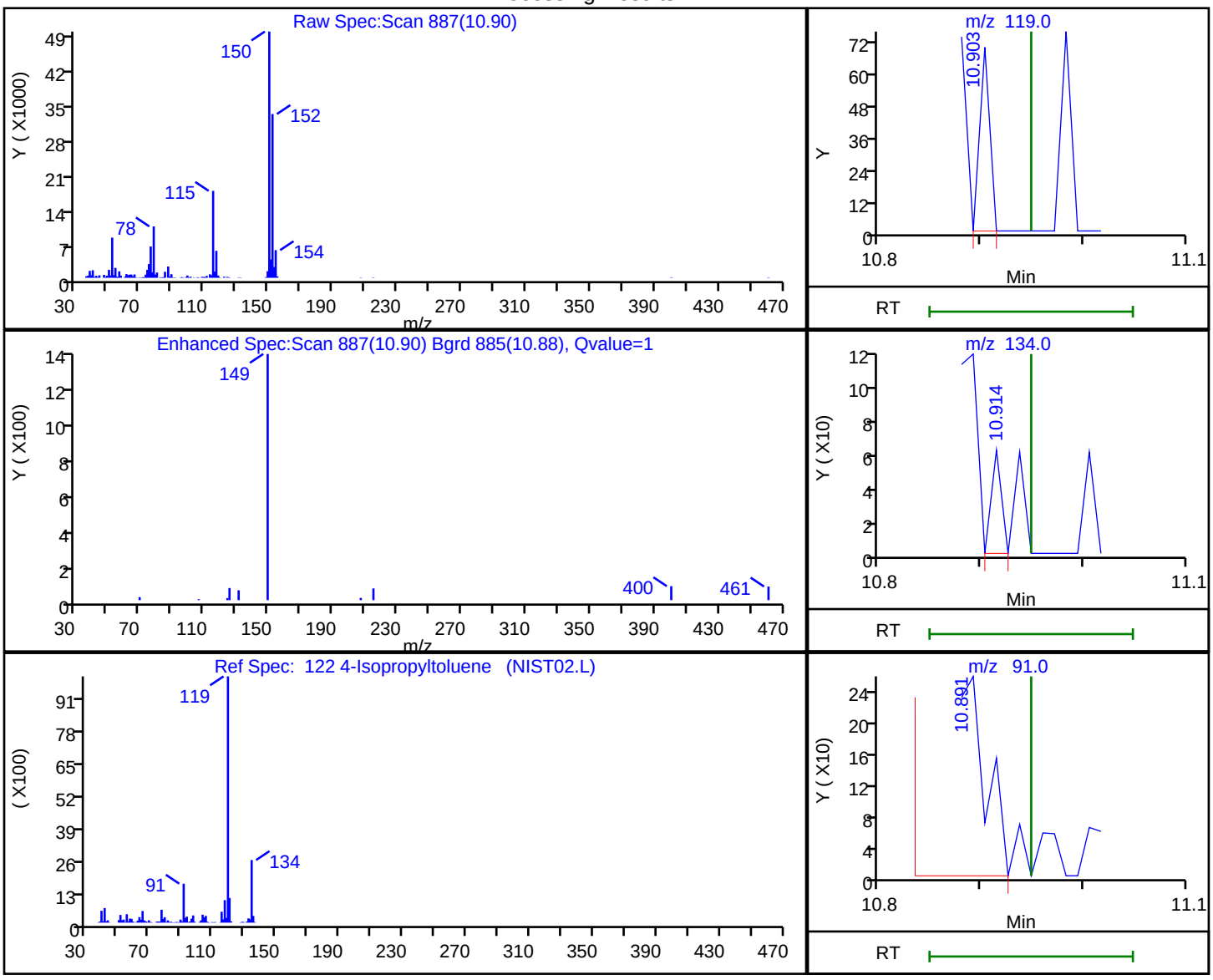
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d				
Injection Date:	03-Oct-2022 21:13:30	Instrument ID:	CVOAMS12		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.90	119.00	48	0.007582
10.91	134.00	40	
10.89	91.00	652	

Reviewer: HVW2, 04-Oct-2022 00:27:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

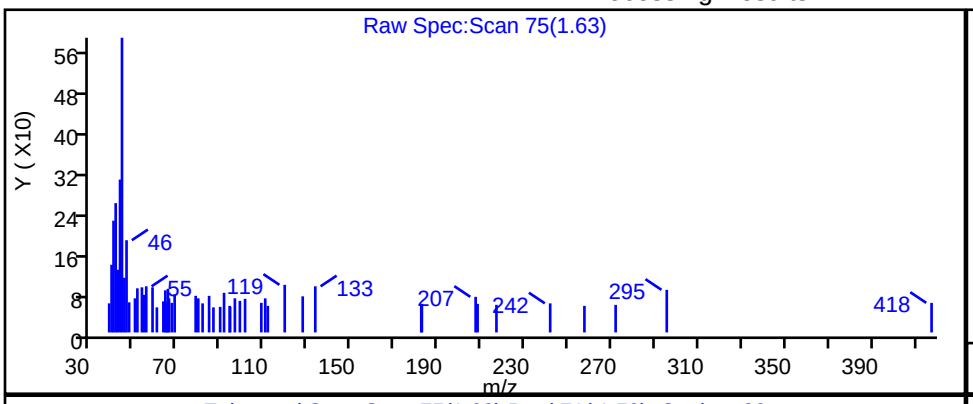
User Disabled Compound Report

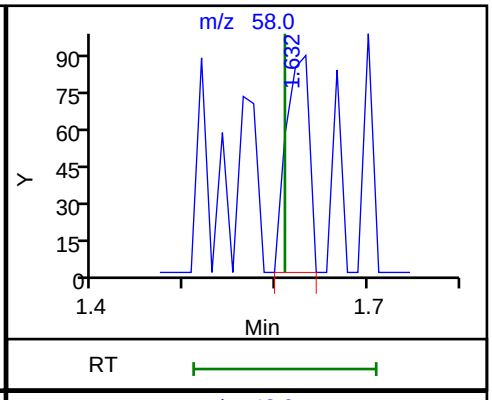
Eurofins Edison

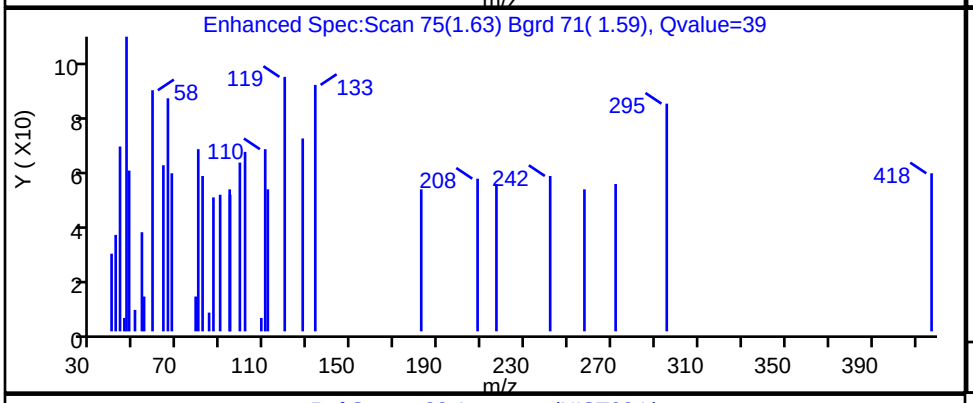
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

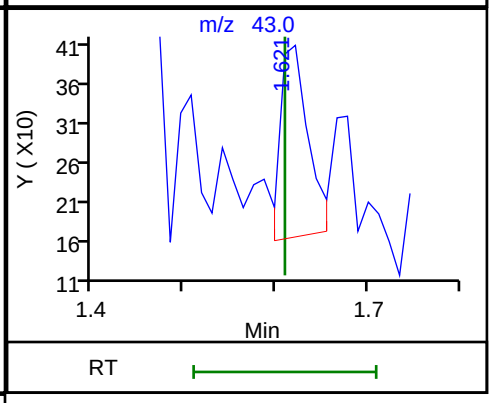
22 Acetone, CAS: 67-64-1

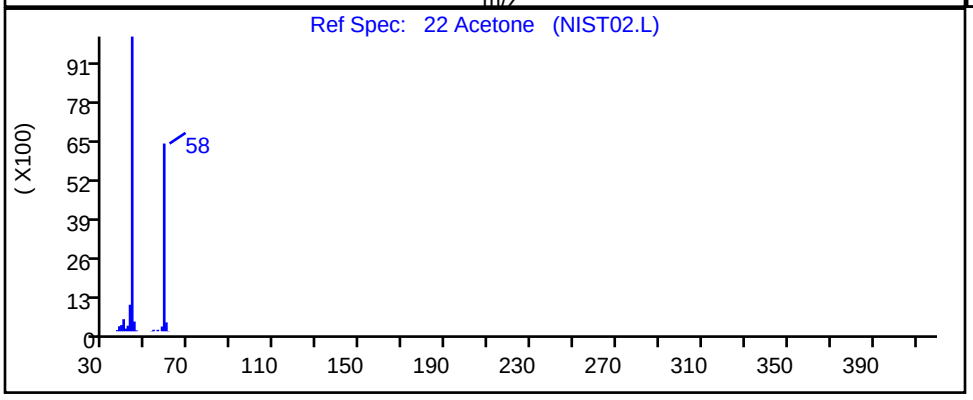
Processing Results











RT	Mass	Response	Amount
1.63	58.00	159	0.929831
1.62	43.00	527	

Reviewer: HVW2, 04-Oct-2022 00:26:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

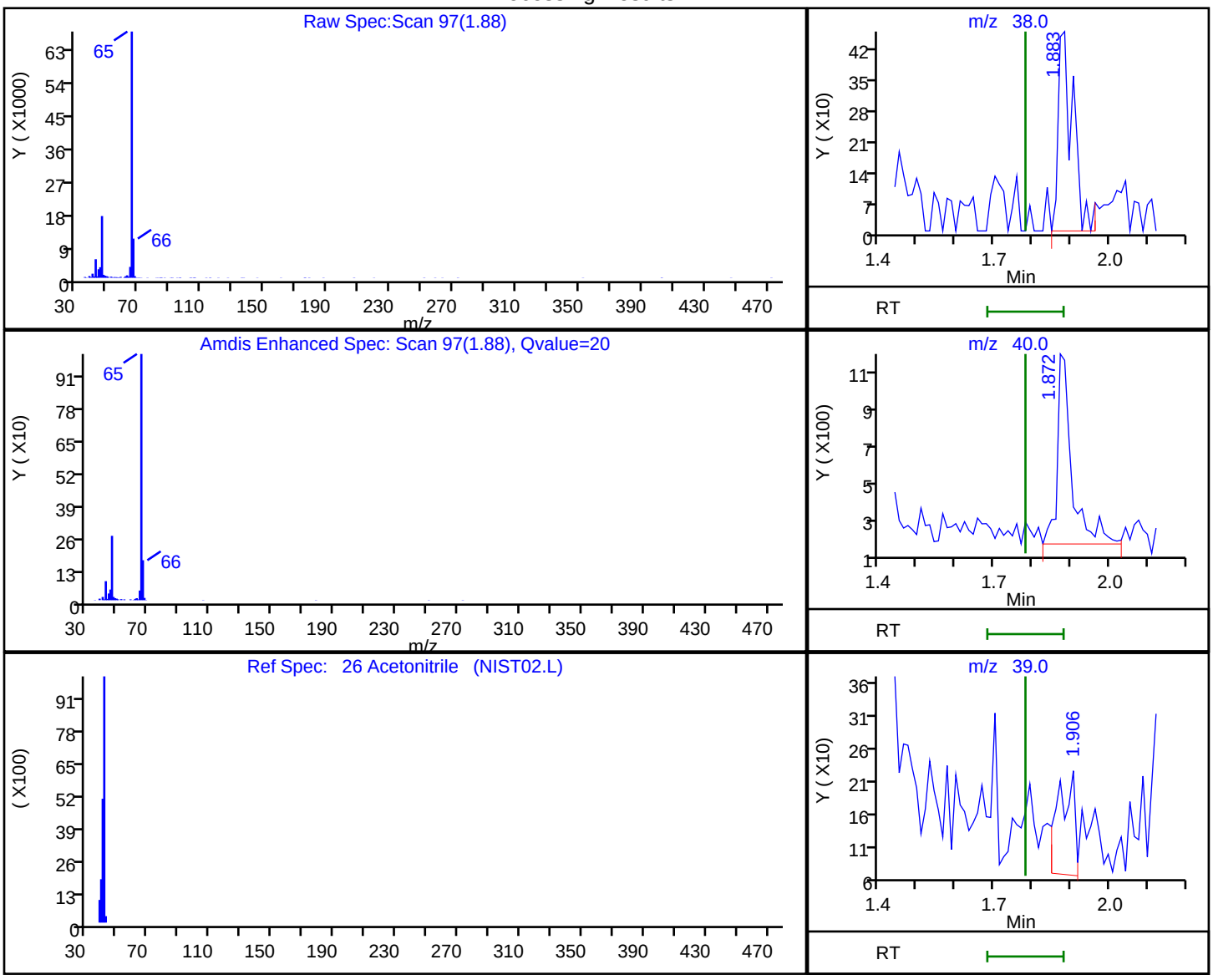
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.88	38.00	1241	14.228195
1.87	40.00	2621	
1.91	39.00	467	
1.88	41.00	941	

Reviewer: W9CM, 04-Oct-2022 16:08:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

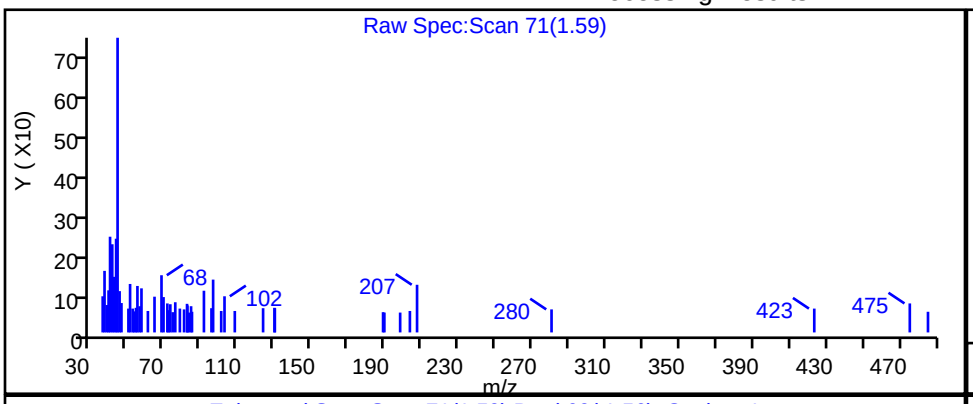
User Disabled Compound Report

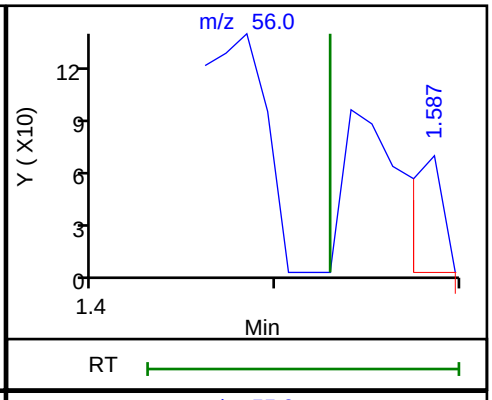
Eurofins Edison

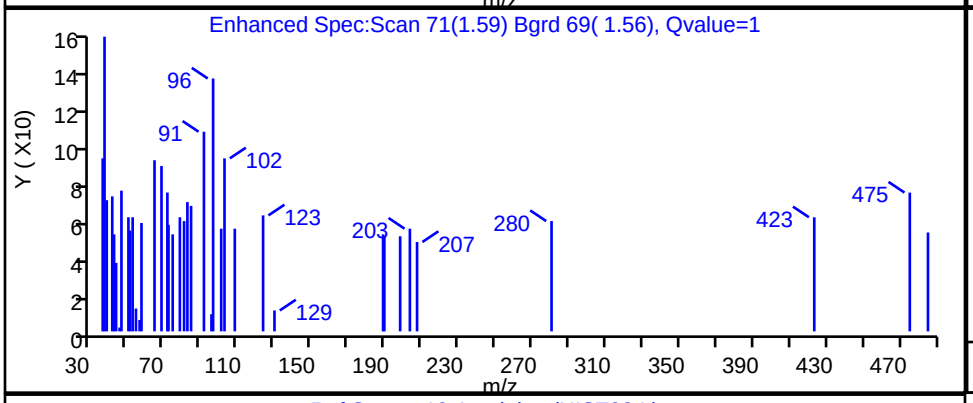
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

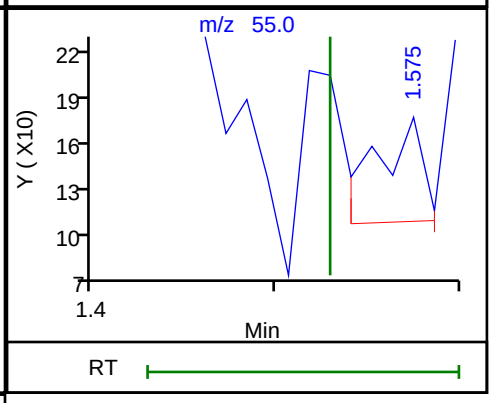
19 Acrolein, CAS: 107-02-8

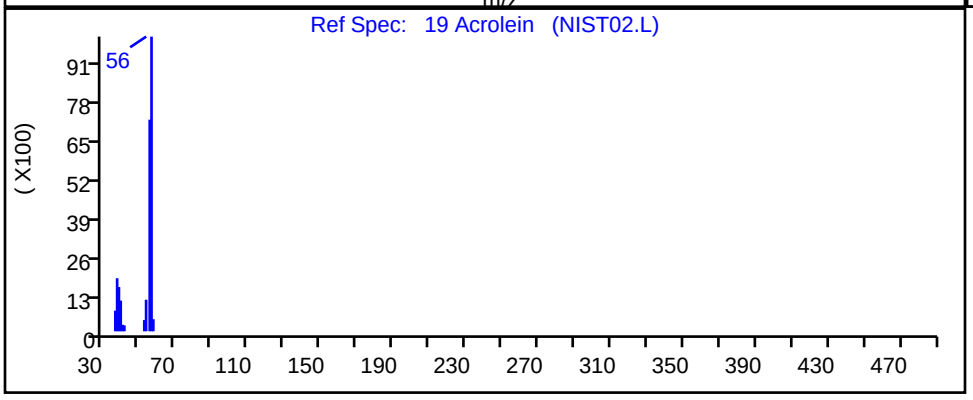
Processing Results











RT	Mass	Response	Amount
1.59	56.00	82	0.348995
1.58	55.00	121	

Reviewer: HVW2, 04-Oct-2022 00:26:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

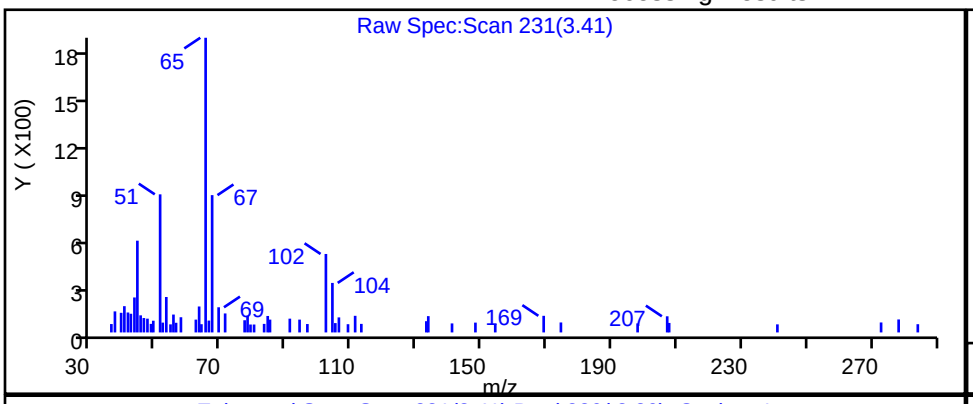
User Disabled Compound Report

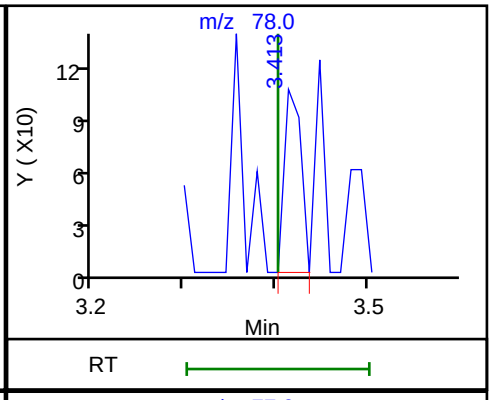
Eurofins Edison

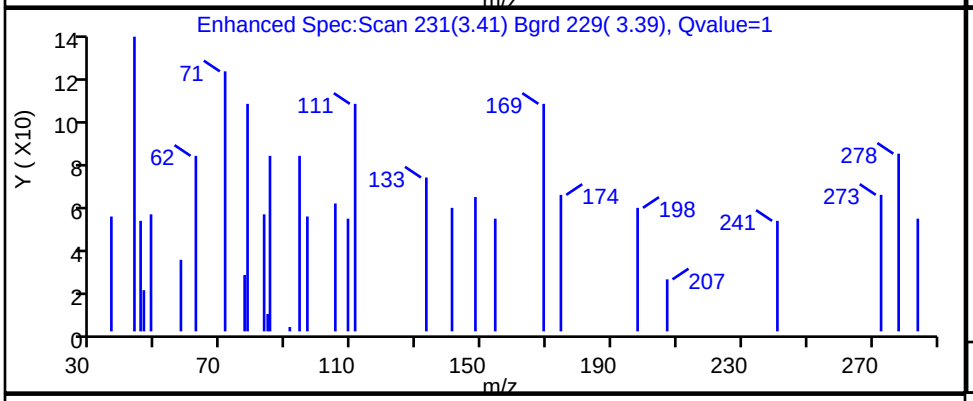
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

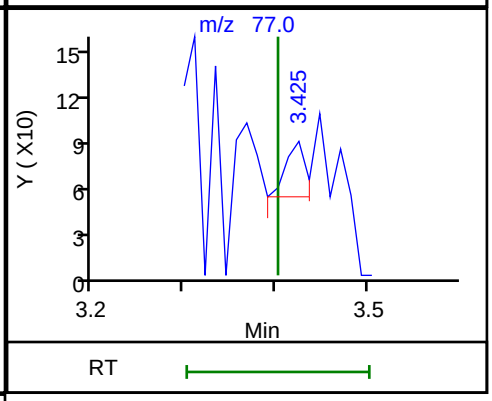
59 Benzene, CAS: 71-43-2

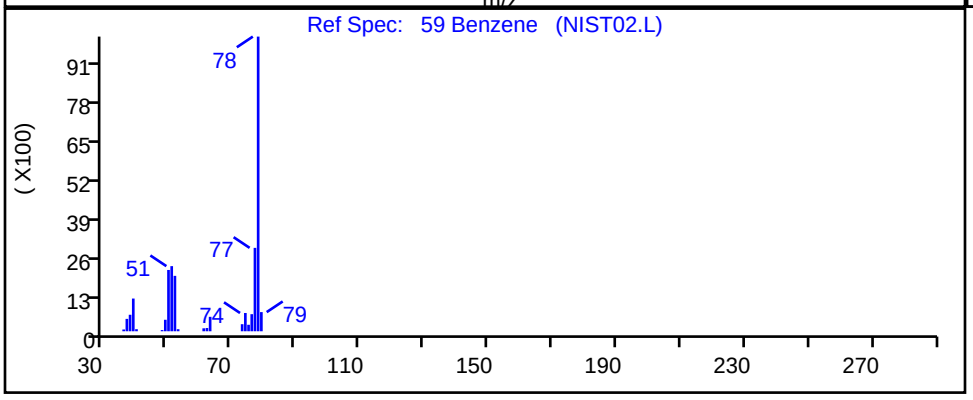
Processing Results











RT	Mass	Response	Amount
3.41	78.00	133	0.011354
3.42	77.00	54	

Reviewer: HVW2, 04-Oct-2022 00:26:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

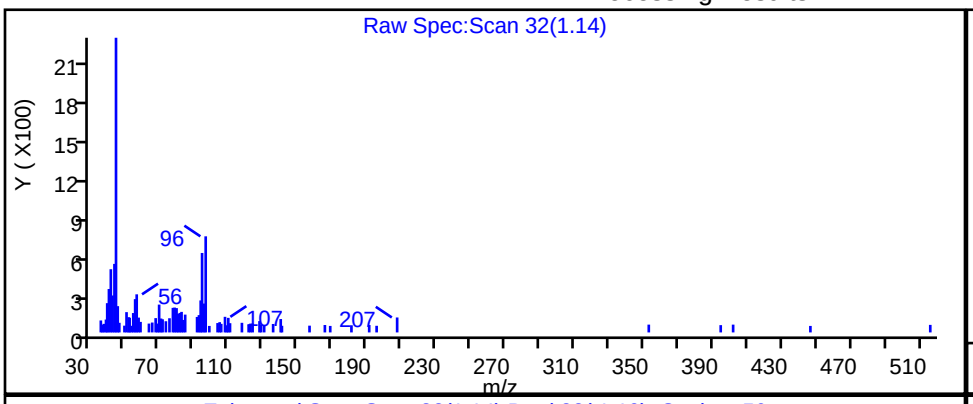
User Disabled Compound Report

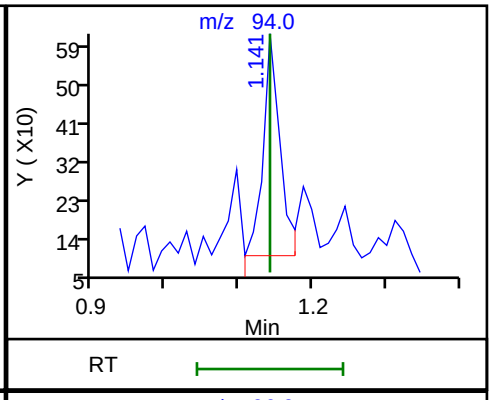
Eurofins Edison

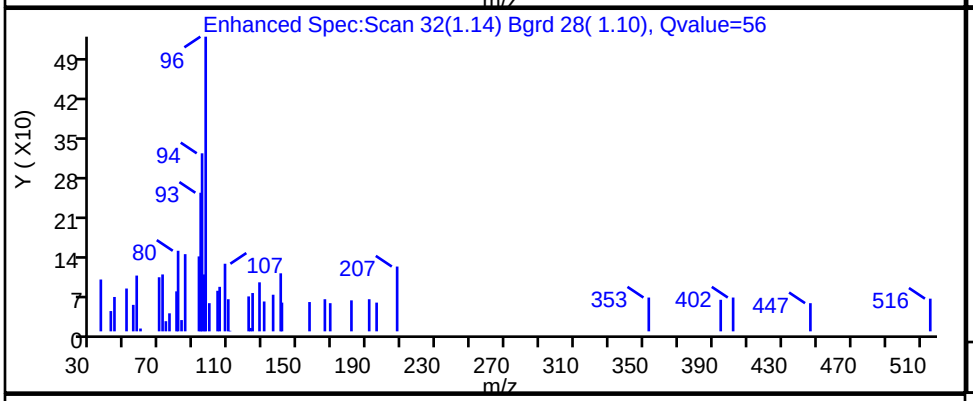
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

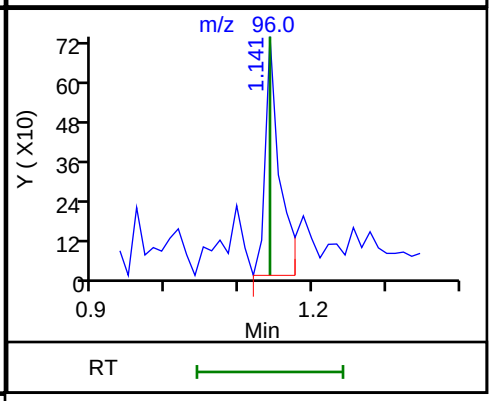
9 Bromomethane, CAS: 74-83-9

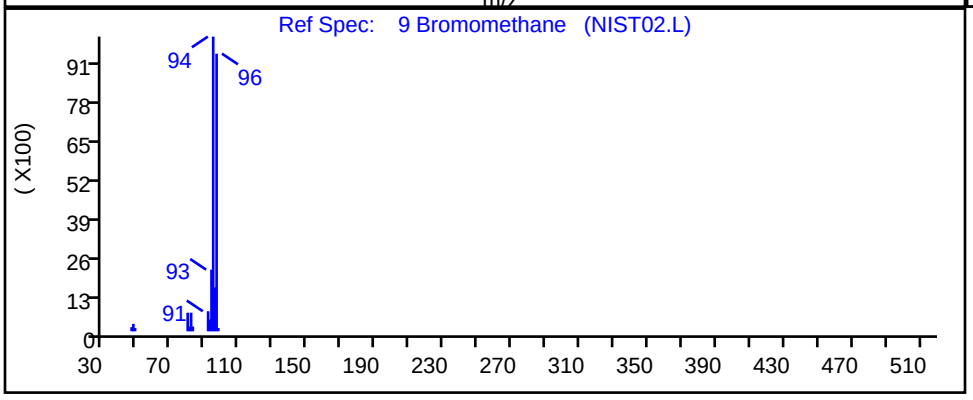
Processing Results











RT	Mass	Response	Amount
1.14	94.00	825	0.250000
1.14	96.00	1007	

Reviewer: HVW2, 03-Oct-2022 21:34:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

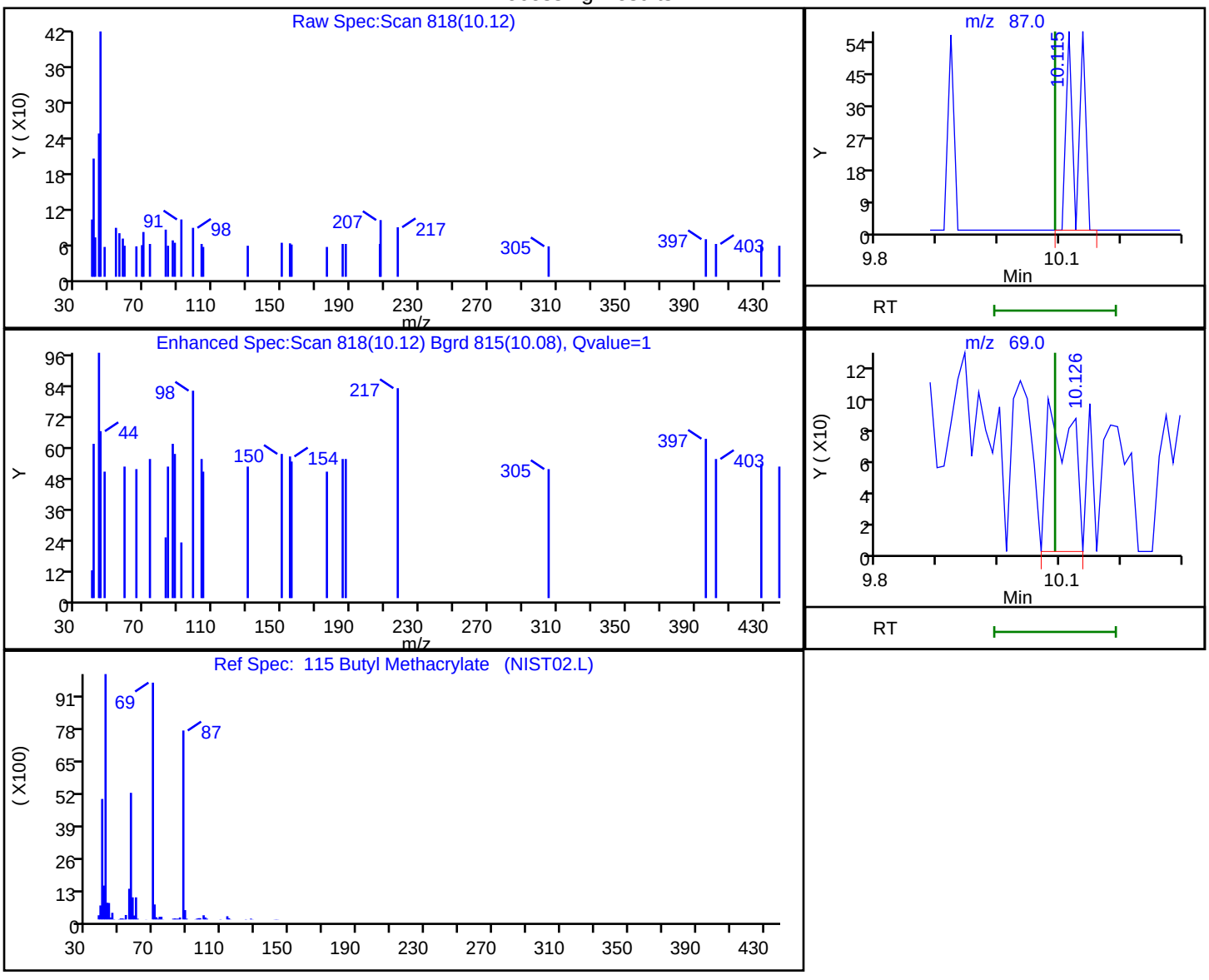
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

115 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.12	87.00	78	0.043277
10.13	69.00	258	

Reviewer: HVW2, 04-Oct-2022 00:27:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

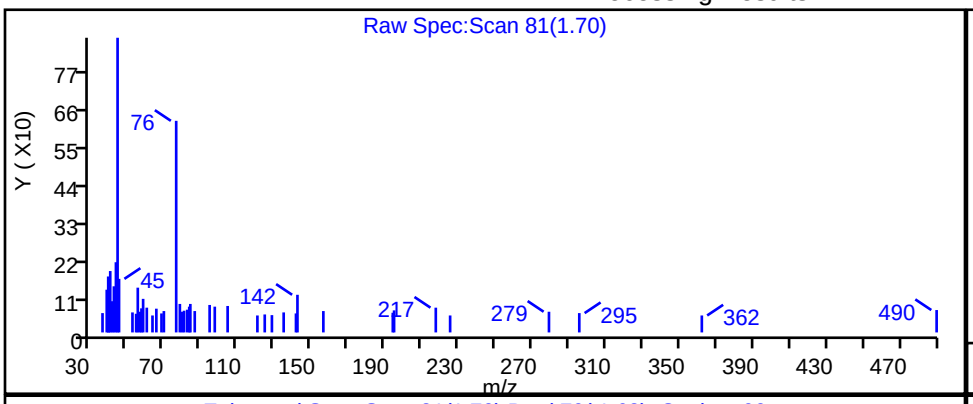
User Disabled Compound Report

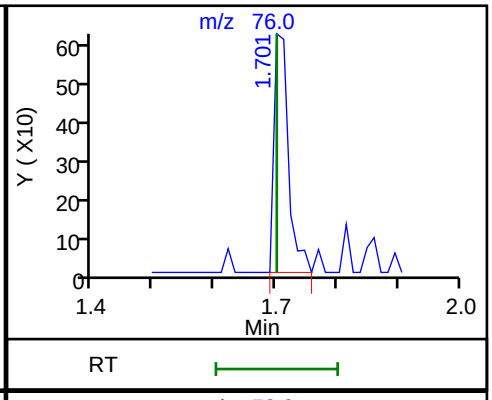
Eurofins Edison

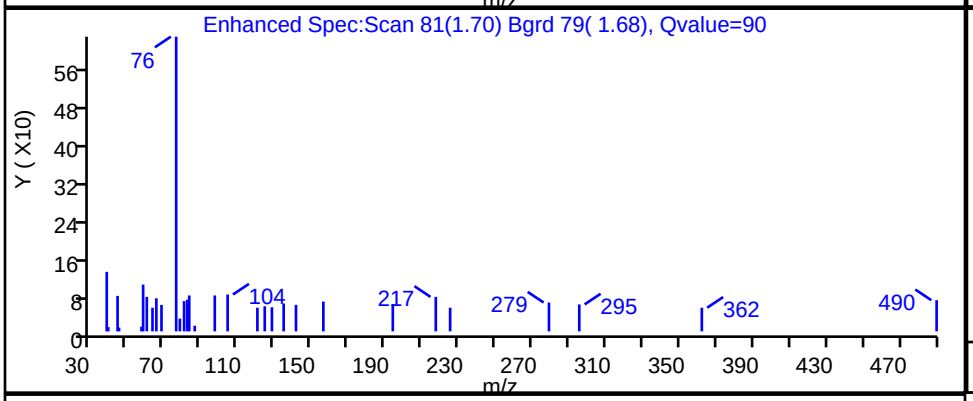
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

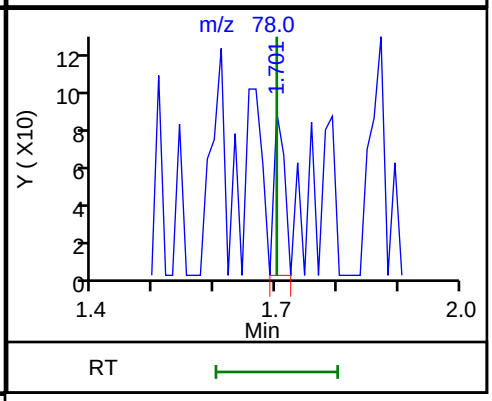
25 Carbon disulfide, CAS: 75-15-0

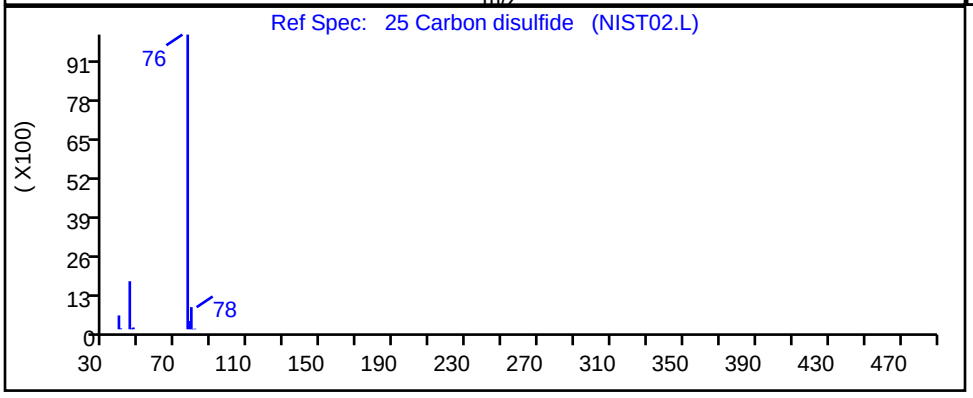
Processing Results











RT	Mass	Response	Amount
1.70	76.00	1026	0.116246
1.70	78.00	100	

Reviewer: HVW2, 04-Oct-2022 00:26:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

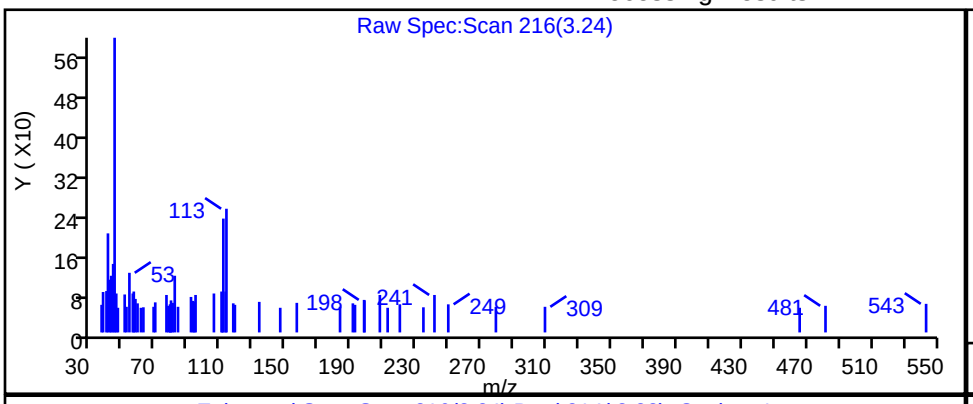
User Disabled Compound Report

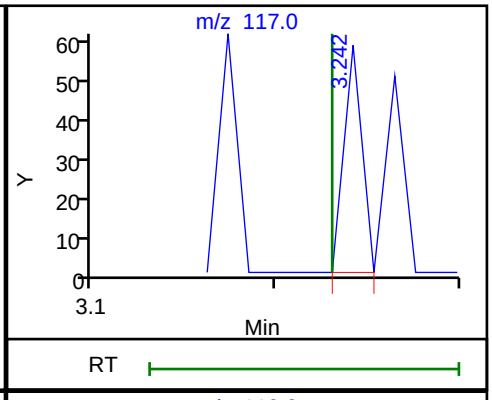
Eurofins Edison

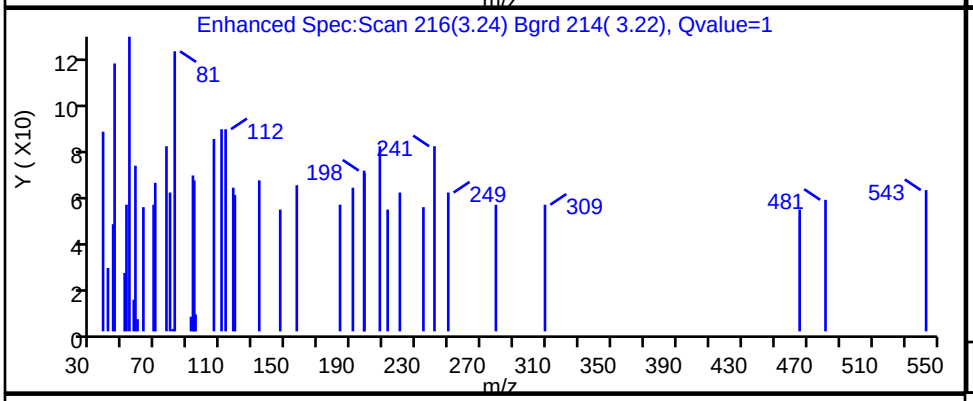
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

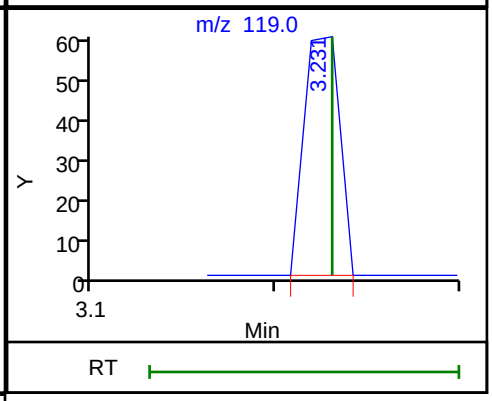
56 Carbon tetrachloride, CAS: 56-23-5

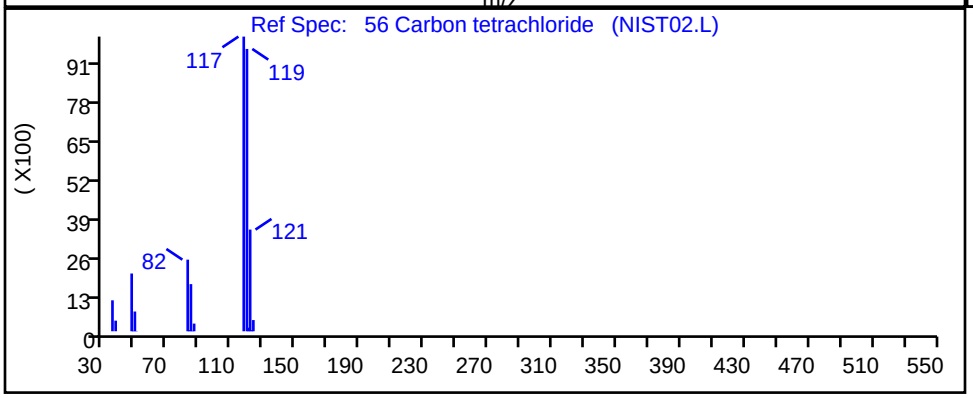
Processing Results











RT	Mass	Response	Amount
3.24	117.00	40	0.010989
3.23	119.00	83	

Reviewer: HVW2, 04-Oct-2022 00:26:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

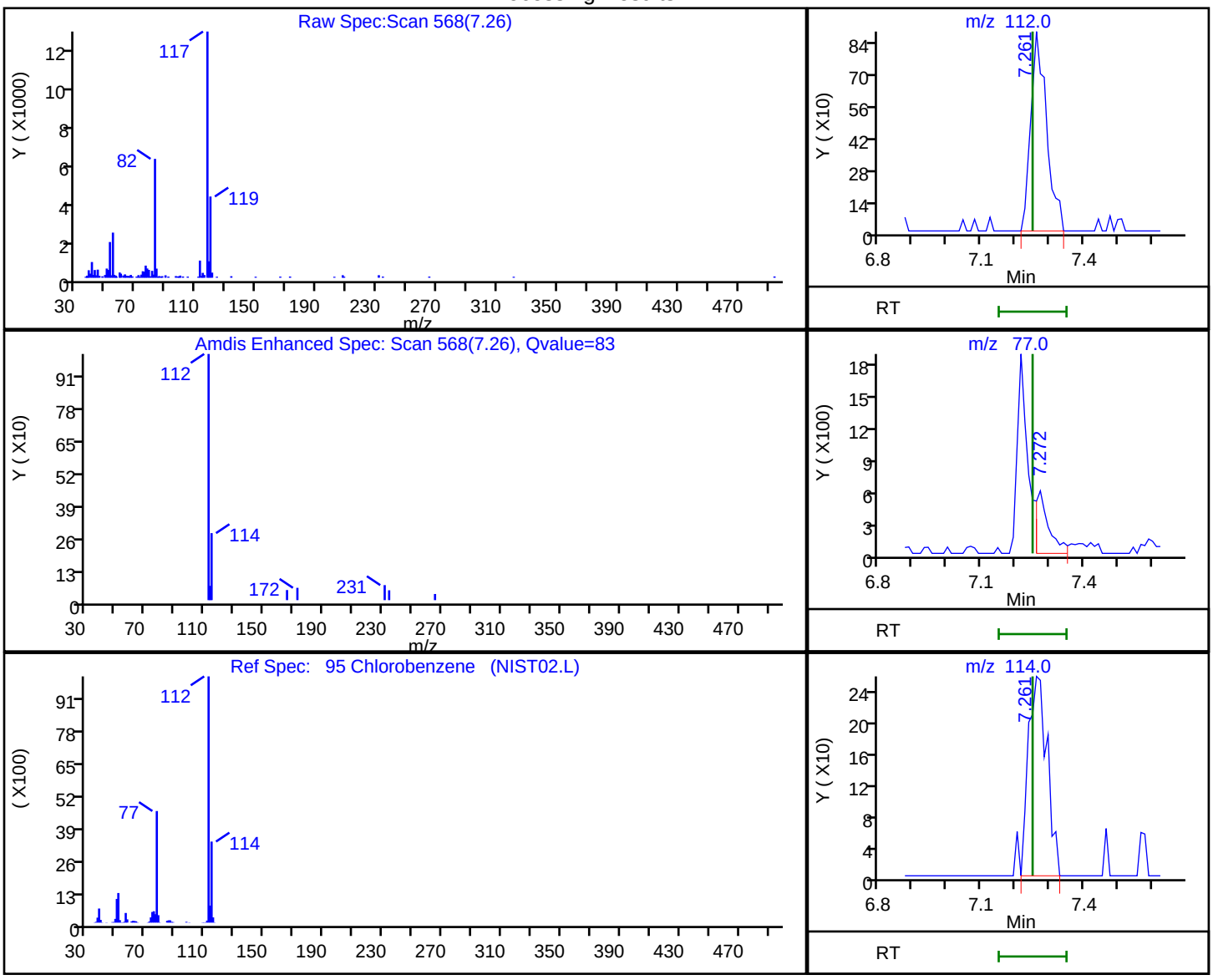
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.26	112.00	2873	0.265689
7.27	77.00	1525	
7.26	114.00	972	

Reviewer: HVW2, 04-Oct-2022 00:27:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

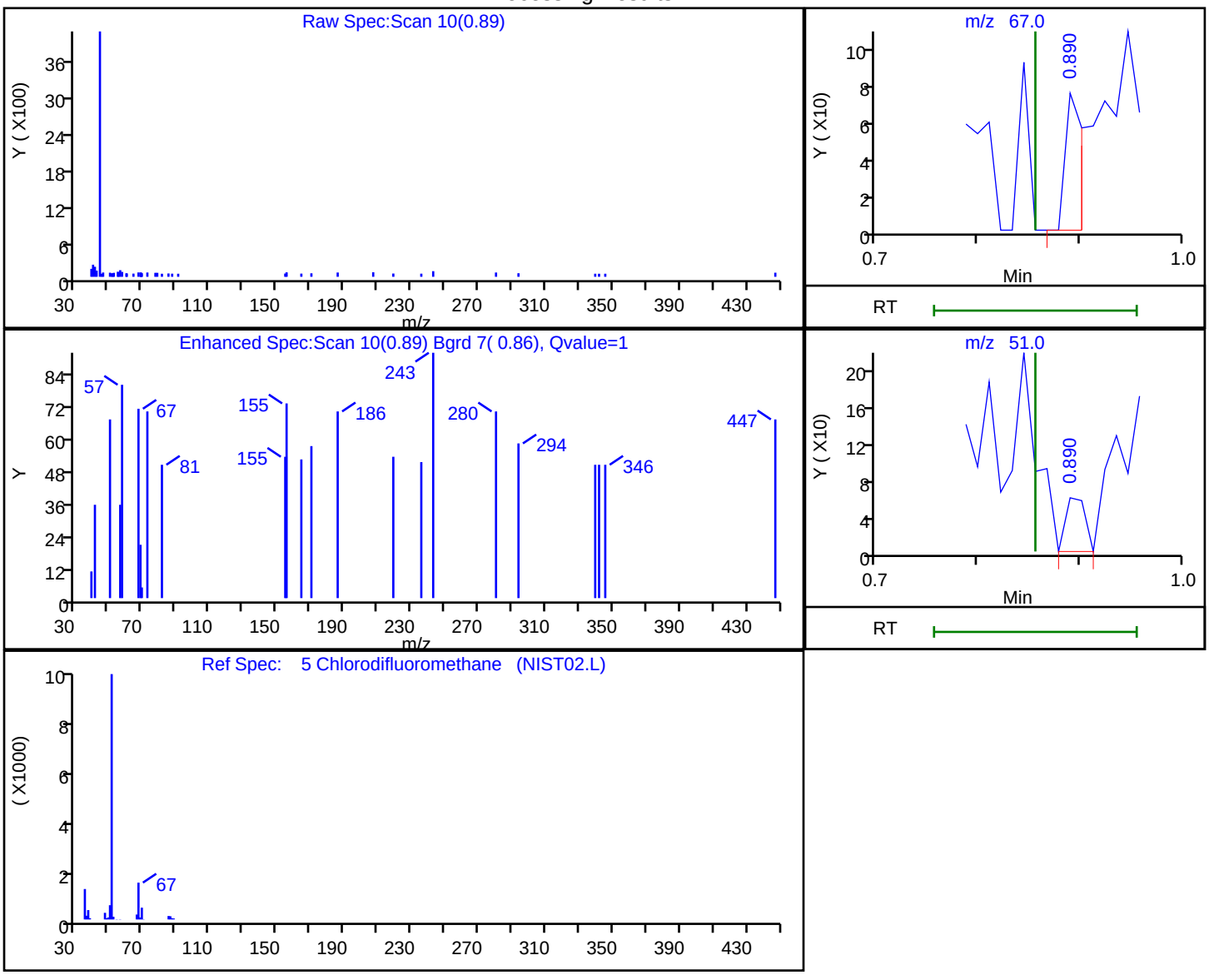
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.89	67.00	85	0.109821
0.89	51.00	76	

Reviewer: HVW2, 04-Oct-2022 00:26:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

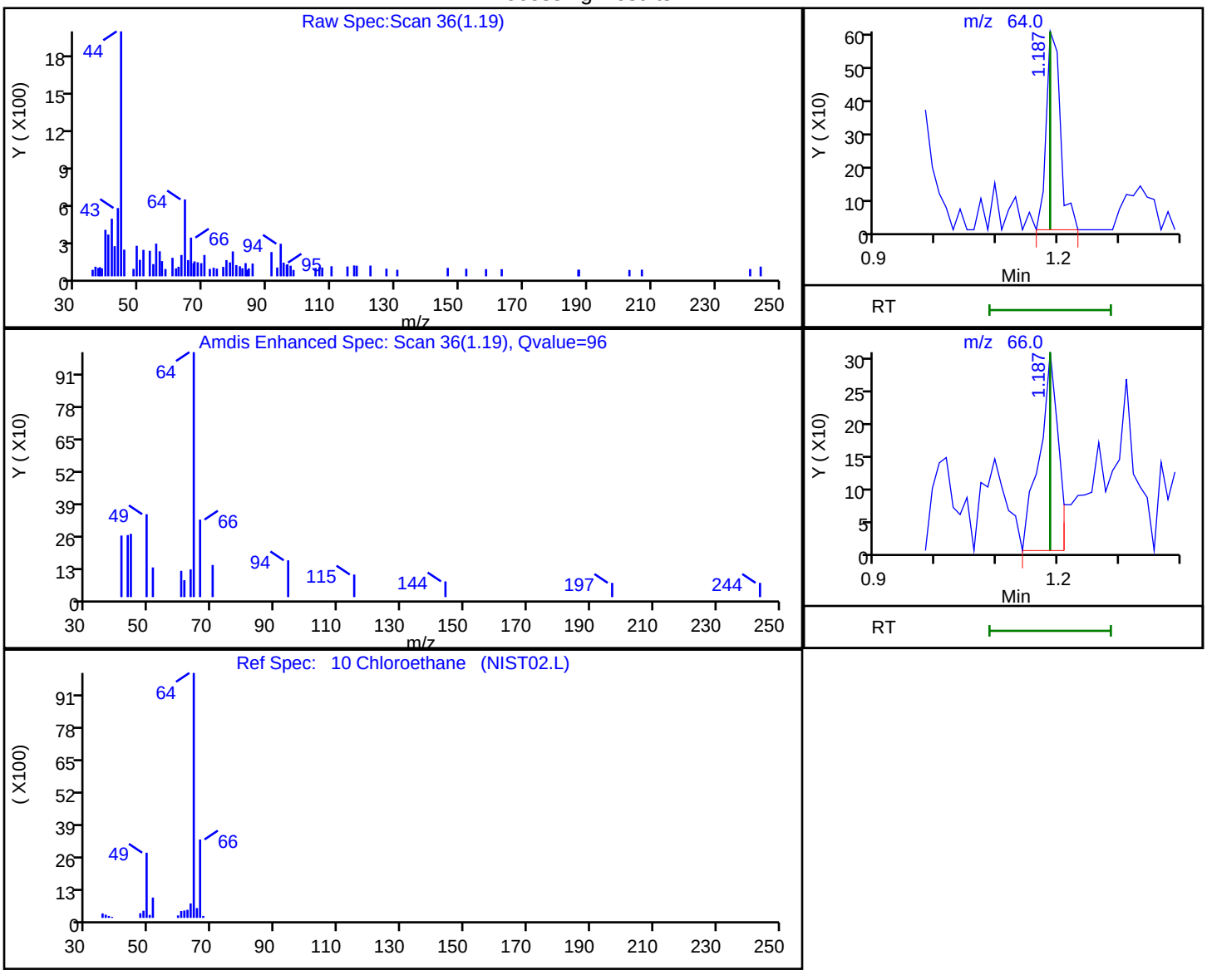
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.19	64.00	968	0.250000
1.19	66.00	647	

Reviewer: HVW2, 03-Oct-2022 21:34:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

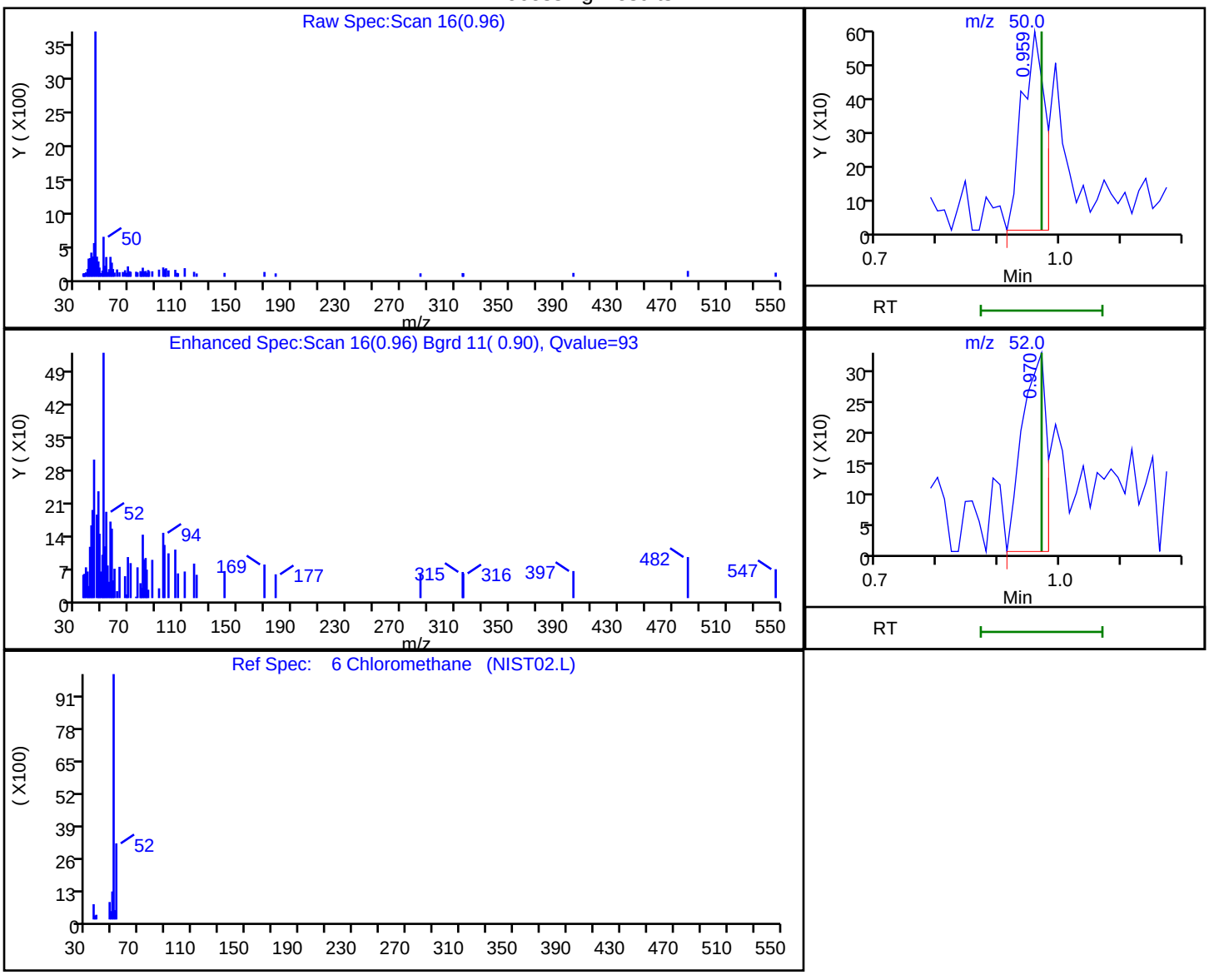
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.96	50.00	1560	0.250000
0.97	52.00	912	

Reviewer: HVW2, 03-Oct-2022 21:34:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

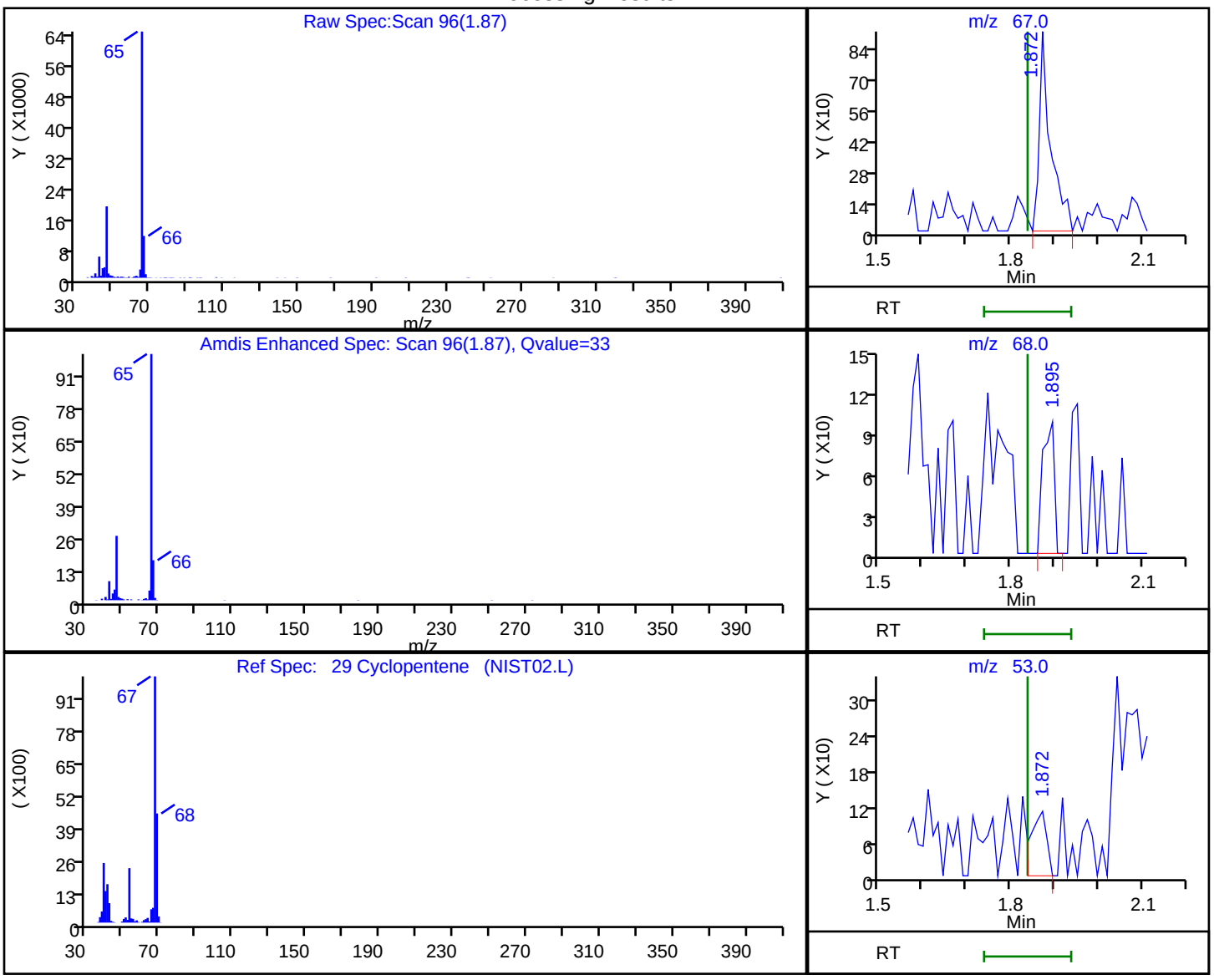
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.87	67.00	1674	0.281994
1.89	68.00	171	
1.87	53.00	269	

Reviewer: HVW2, 04-Oct-2022 00:26:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

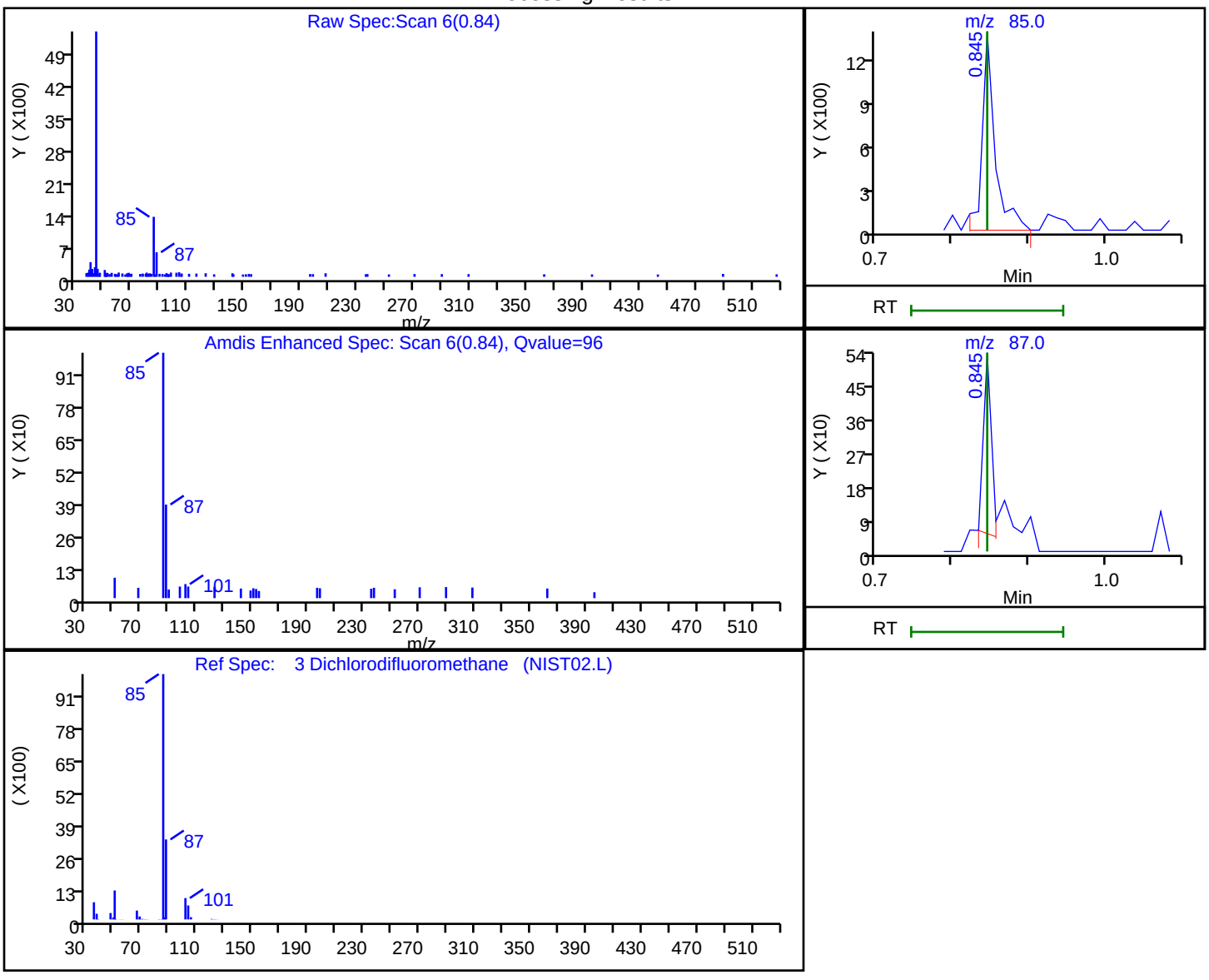
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.84	85.00	1549	0.250000
0.84	87.00	363	

Reviewer: HVW2, 03-Oct-2022 21:34:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

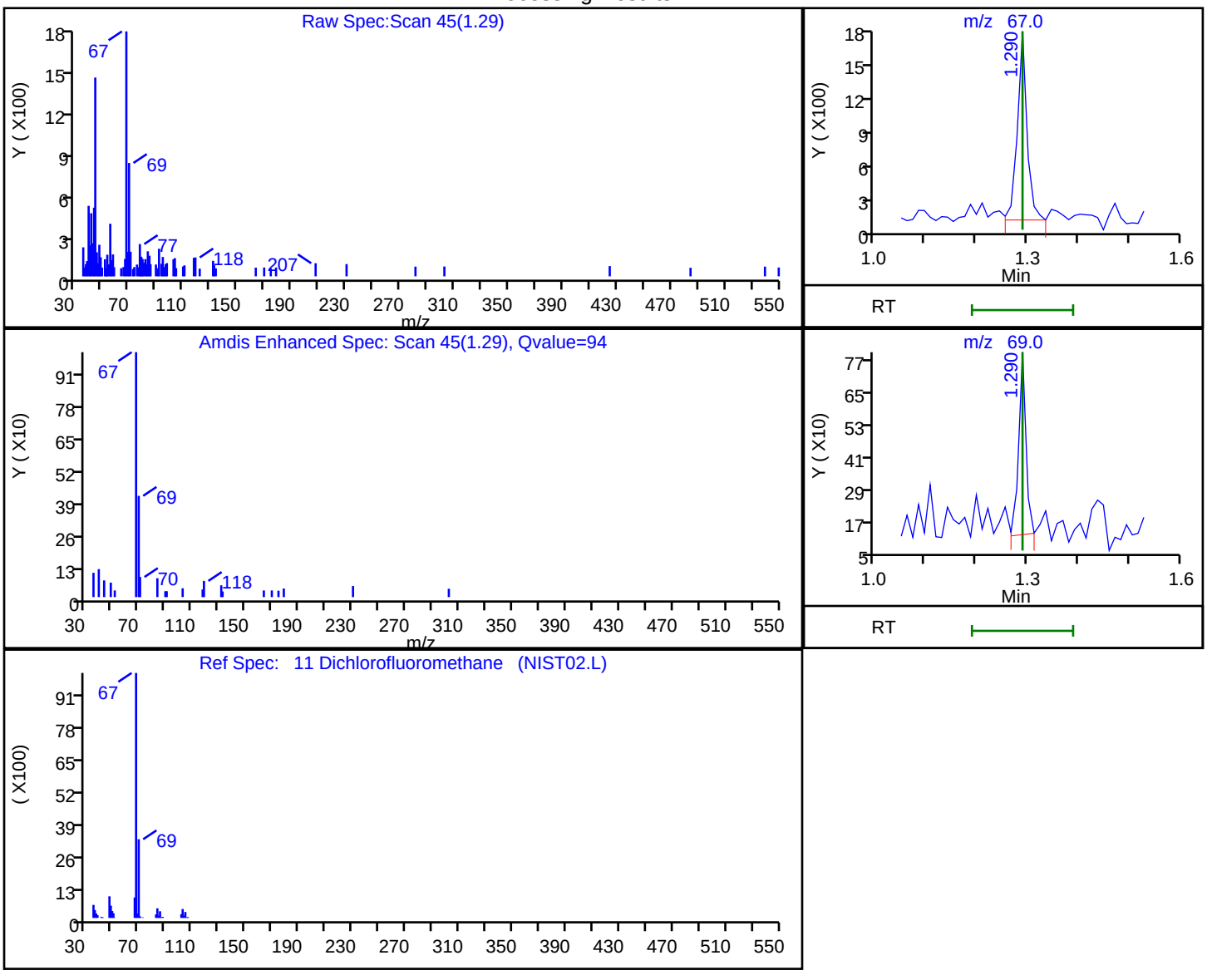
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.29	67.00	2176	0.250000
1.29	69.00	692	

Reviewer: HVW2, 03-Oct-2022 21:34:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

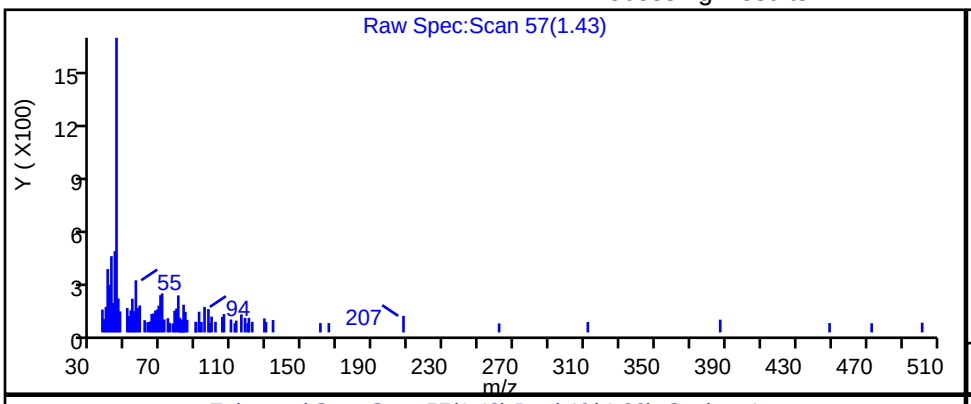
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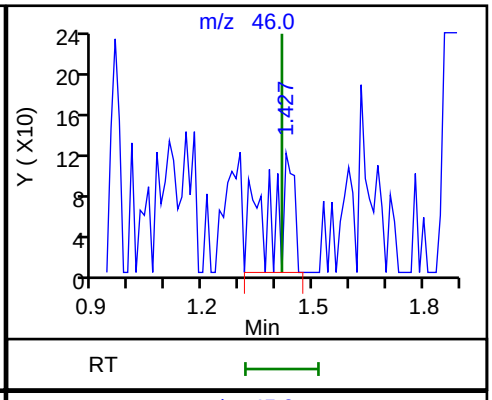
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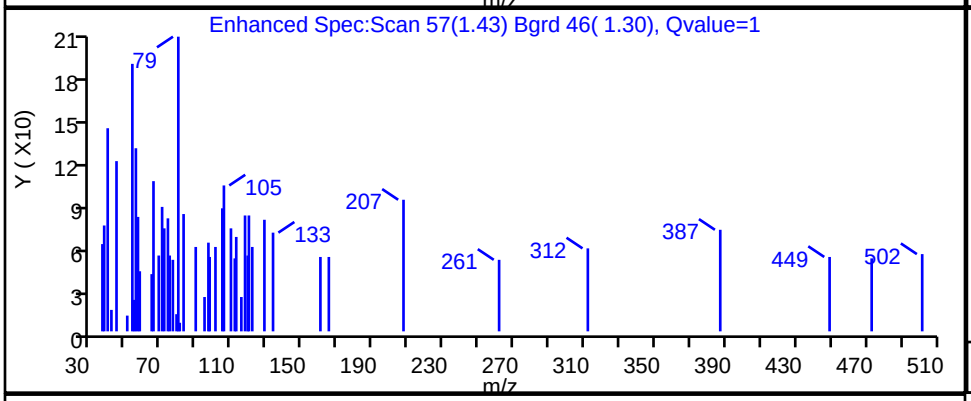
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

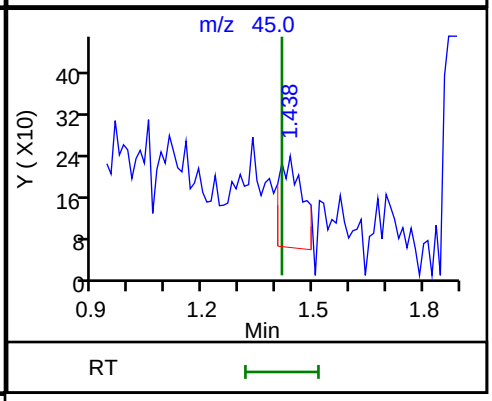
14 Ethanol, CAS: 64-17-5

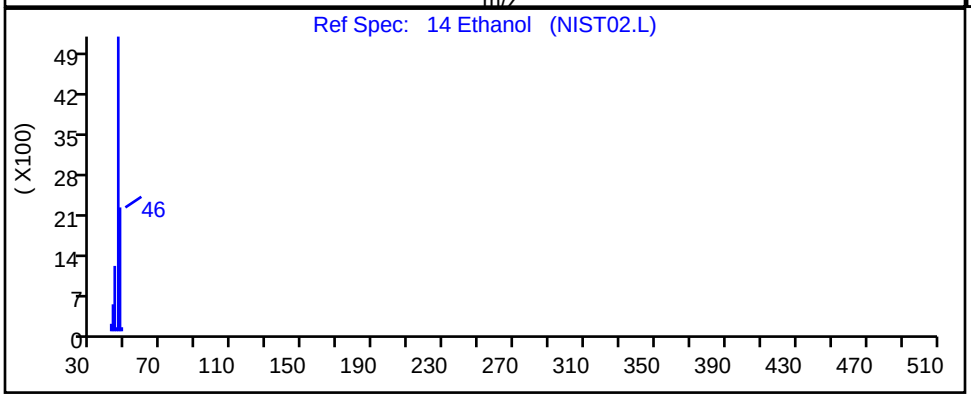
Processing Results











RT	Mass	Response	Amount
1.43	46.00	553	24.348455
1.44	45.00	779	

Reviewer: HVW2, 04-Oct-2022 00:26:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

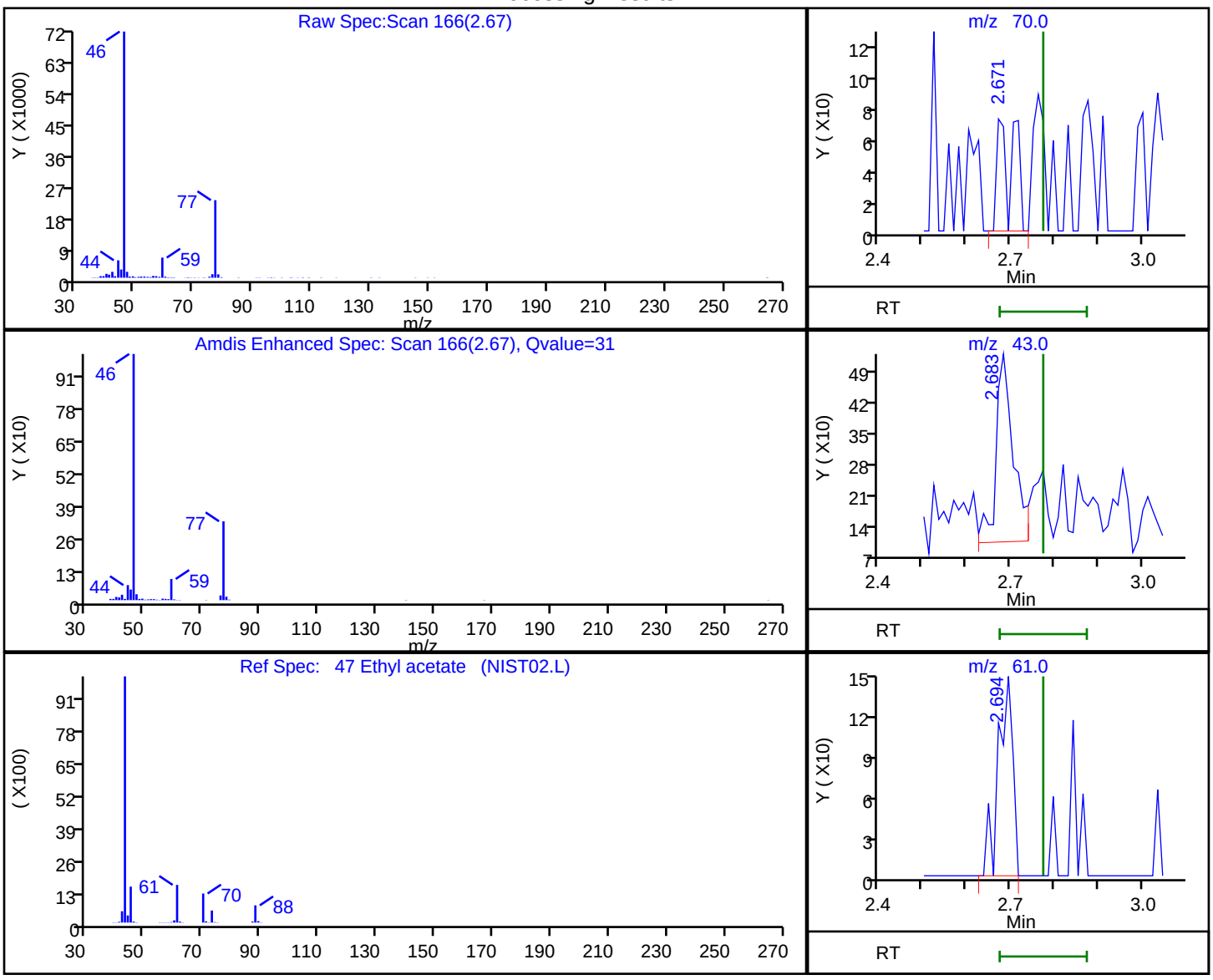
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.67	70.00	195	1.196442
2.68	43.00	1183	
2.69	61.00	337	

Reviewer: HVW2, 04-Oct-2022 00:26:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

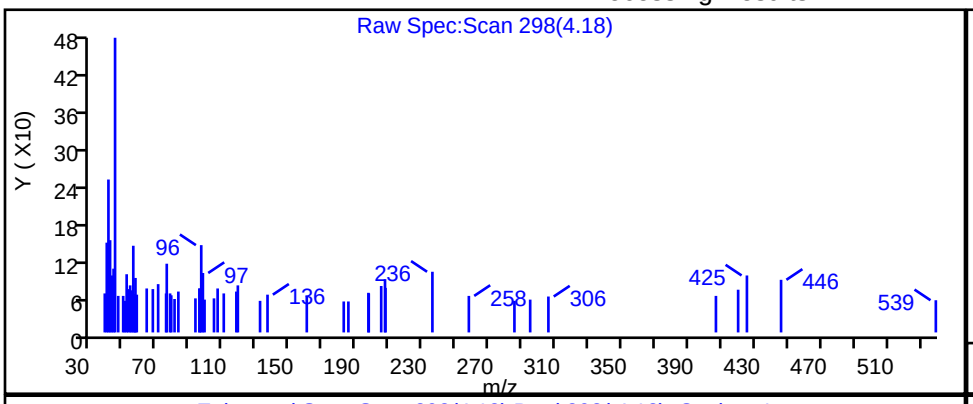
User Disabled Compound Report

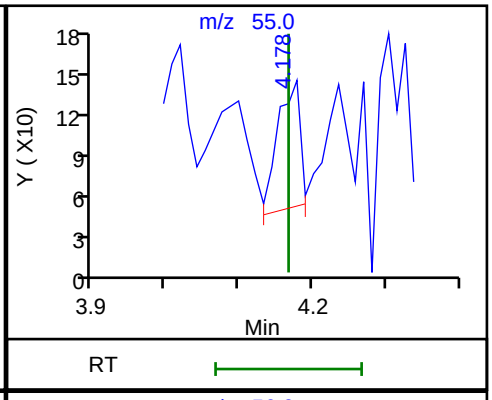
Eurofins Edison

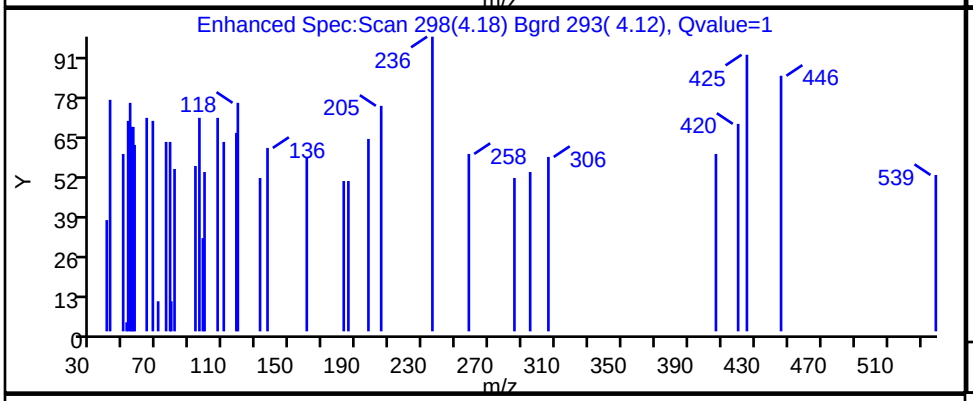
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

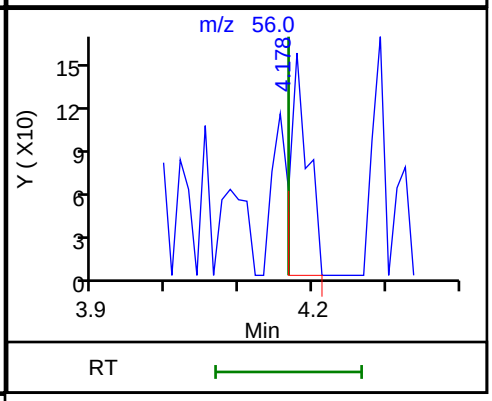
69 Ethyl acrylate, CAS: 140-88-5

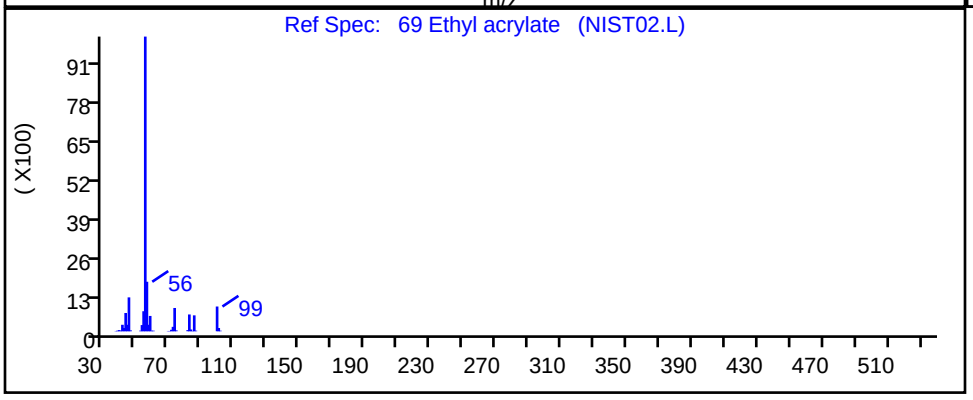
Processing Results











RT	Mass	Response	Amount
4.18	55.00	199	0.094652
4.18	56.00	245	

Reviewer: HVW2, 04-Oct-2022 00:27:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

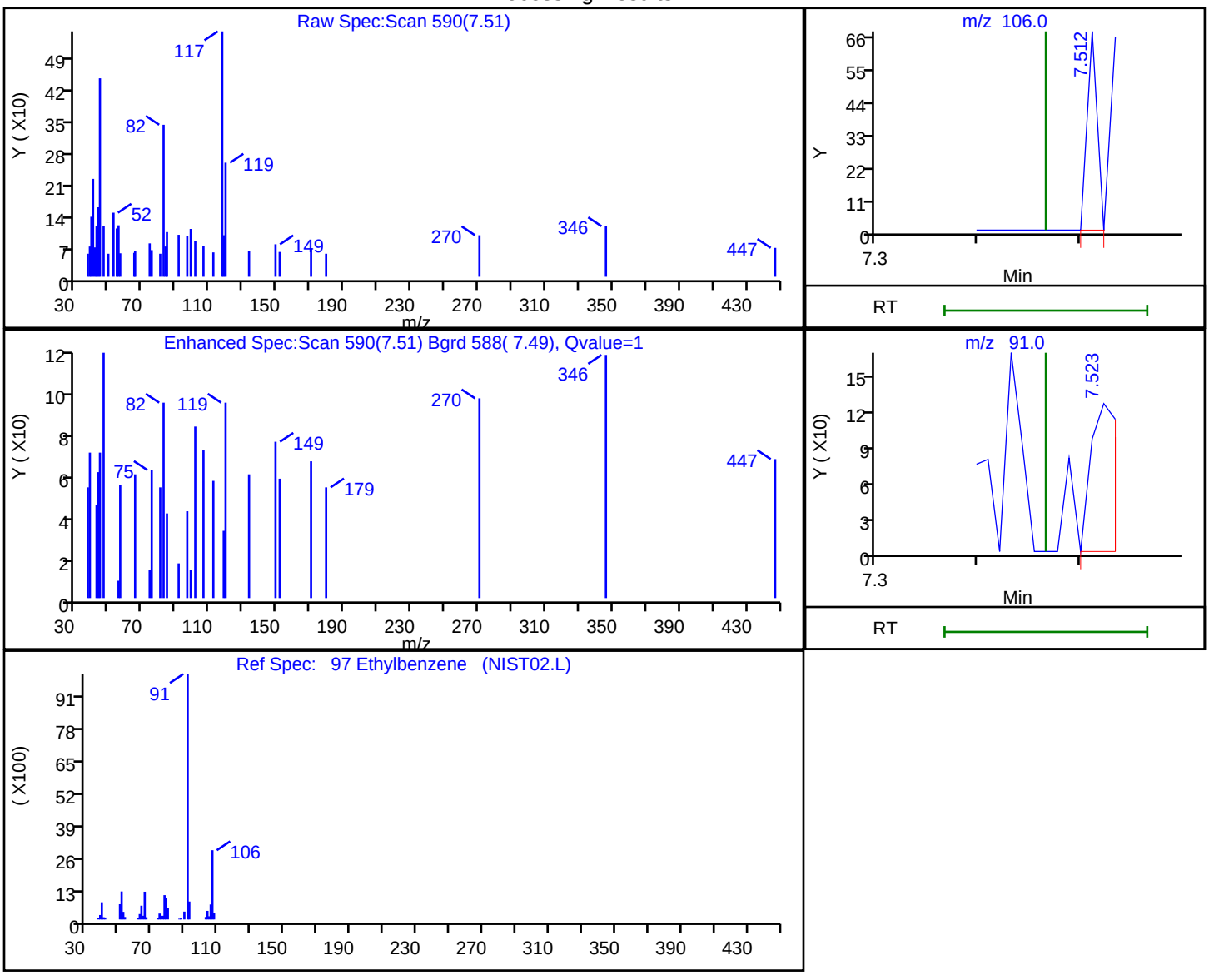
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.51	106.00	47	0.011695
7.52	91.00	222	

Reviewer: HVW2, 04-Oct-2022 00:27:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

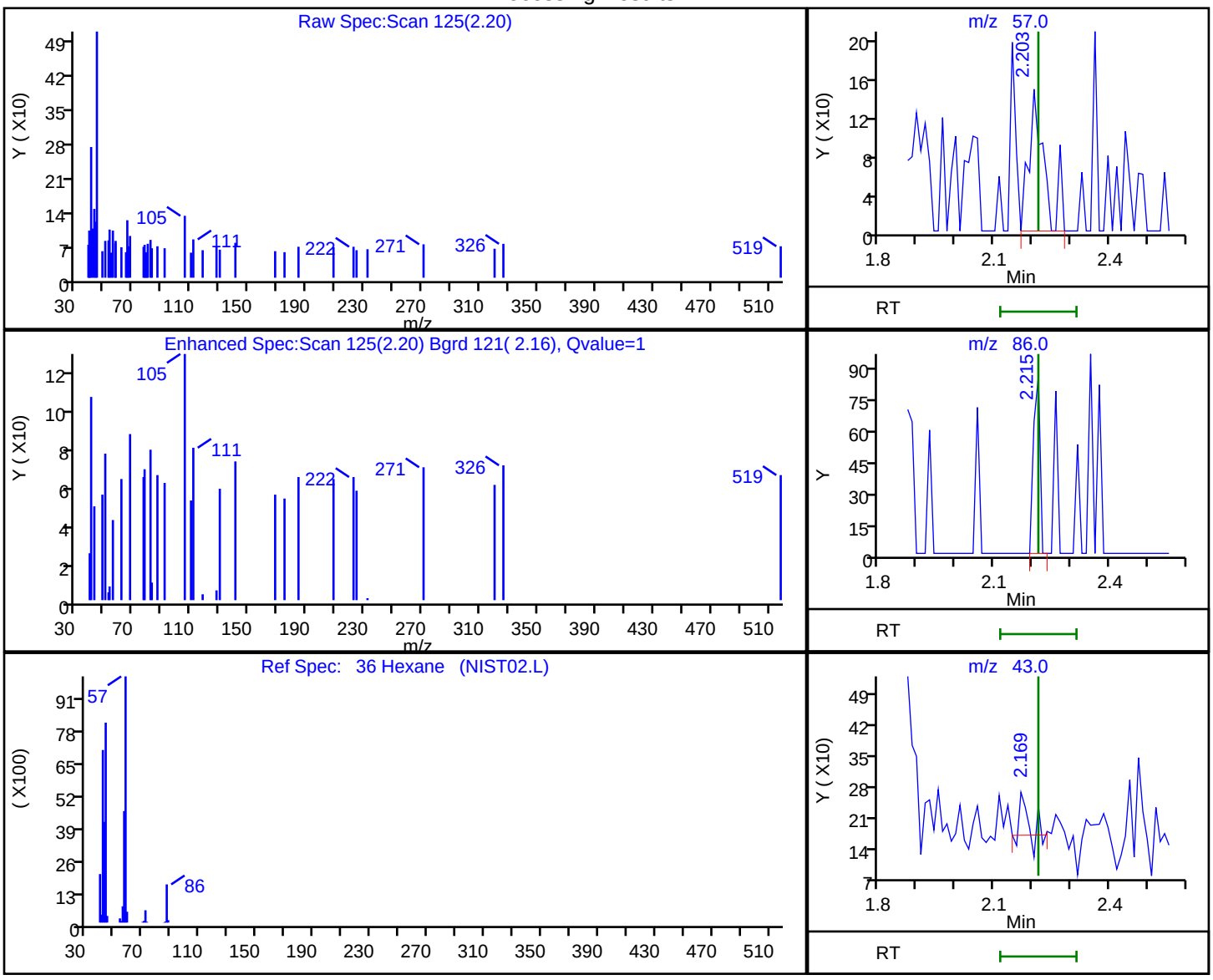
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.20	57.00	406	0.183485
2.21	86.00	103	
2.17	43.00	107	
2.23	56.00	387	

Reviewer: HVW2, 04-Oct-2022 00:26:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

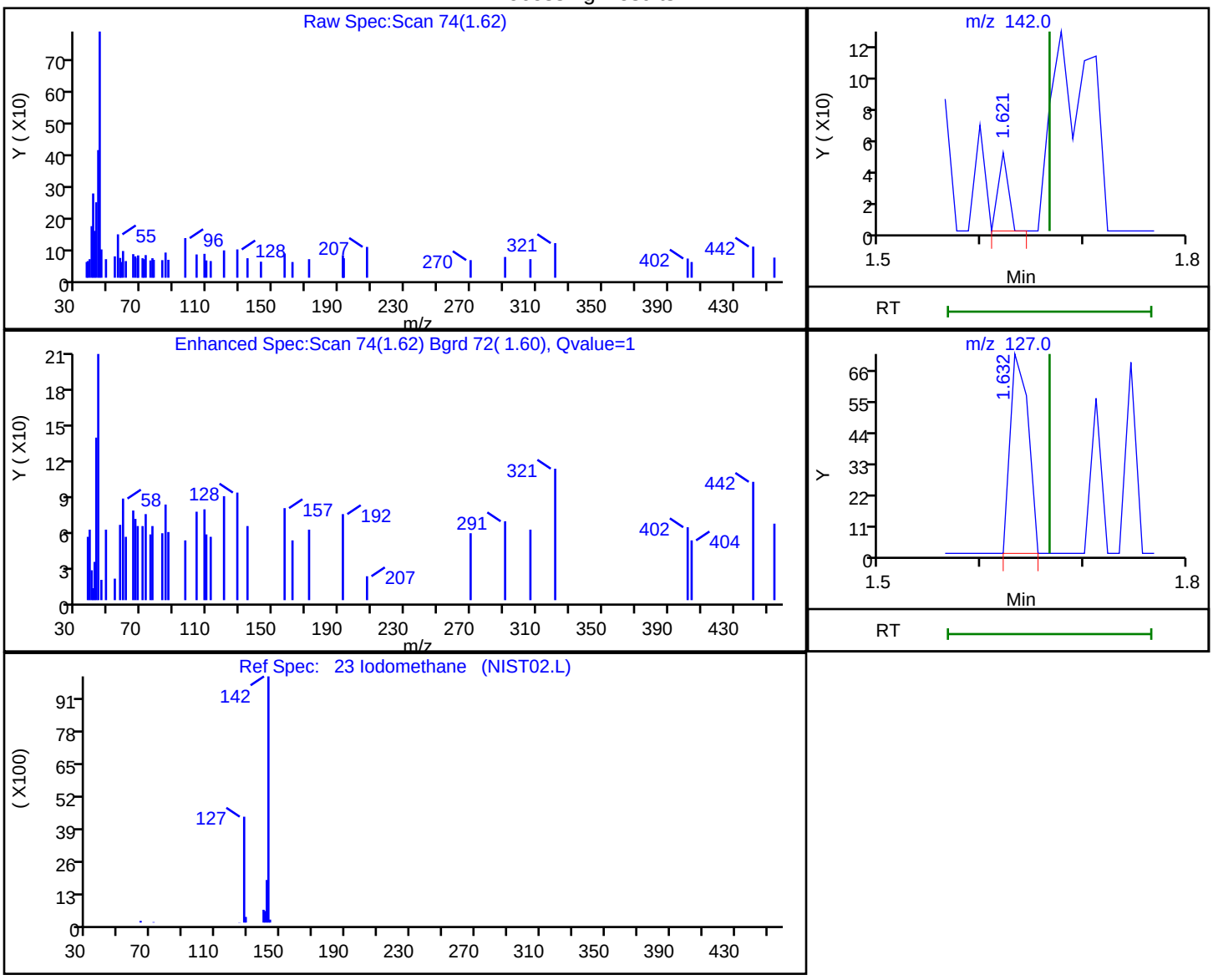
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
1.62	142.00	35	0.009596
1.63	127.00	88	

Reviewer: HVW2, 04-Oct-2022 00:26:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

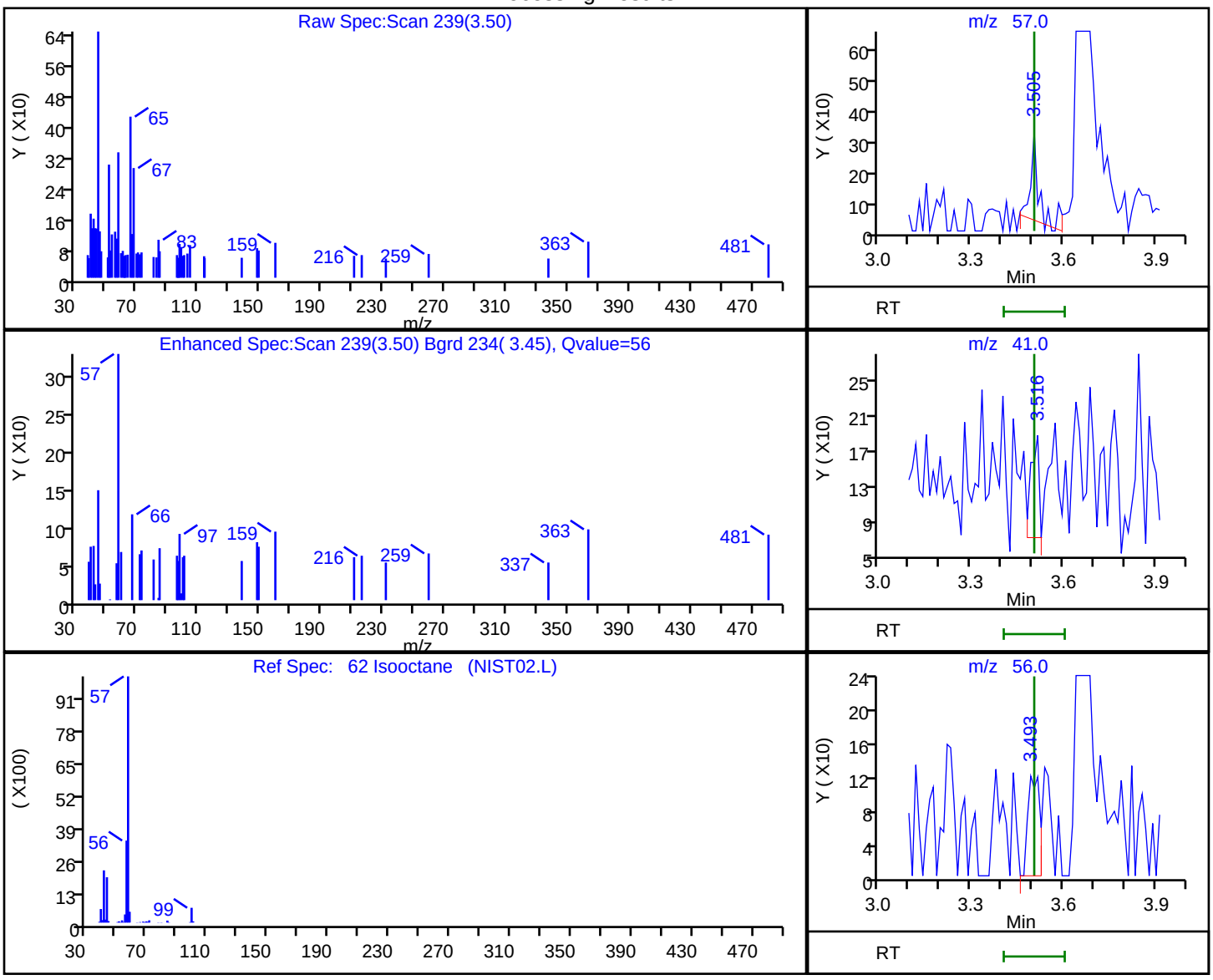
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.50	57.00	543	0.110851
3.52	41.00	212	
3.49	56.00	312	

Reviewer: HVW2, 04-Oct-2022 00:26:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

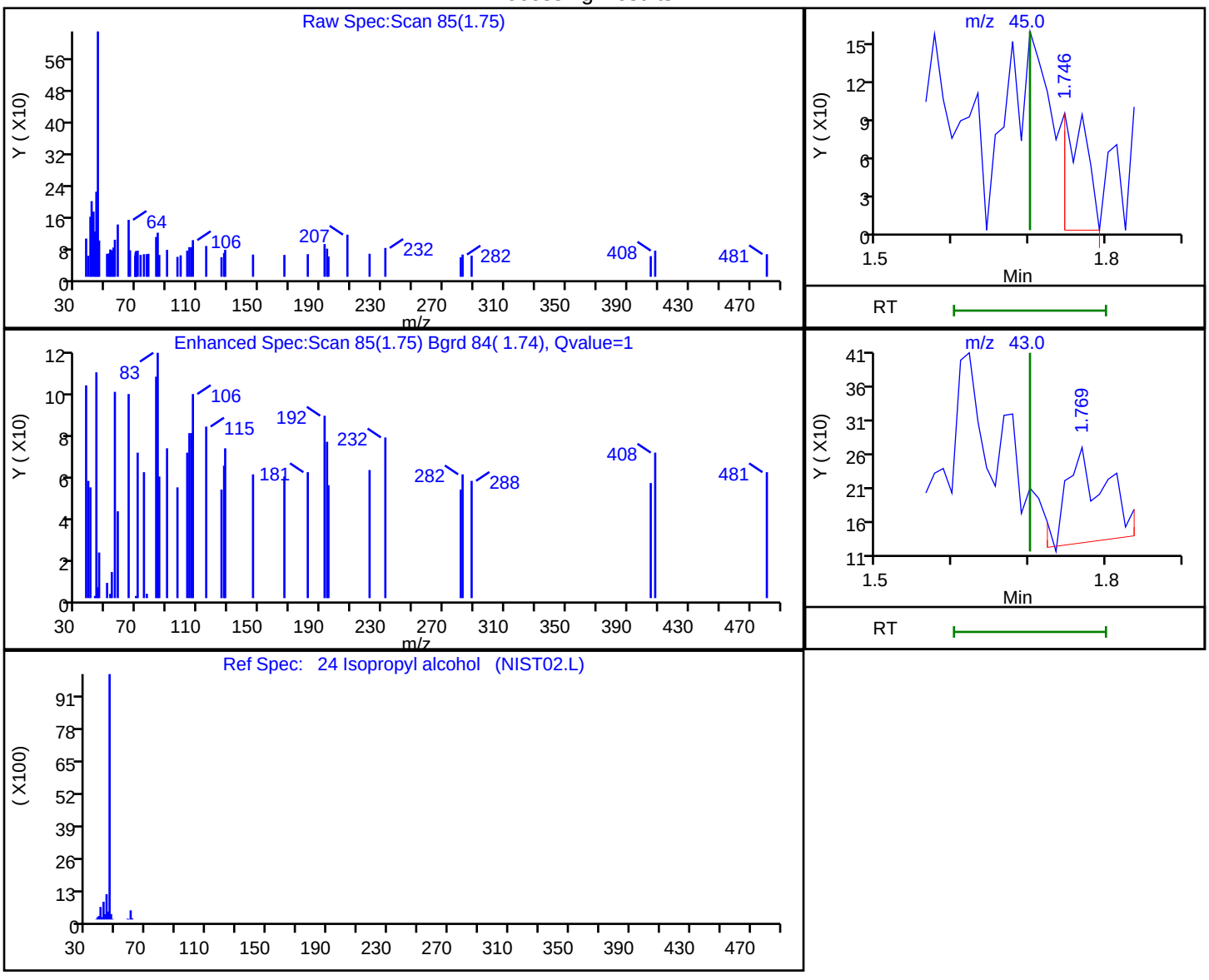
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.75	45.00	199	2.206239
1.77	43.00	500	

Reviewer: HVW2, 04-Oct-2022 00:26:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

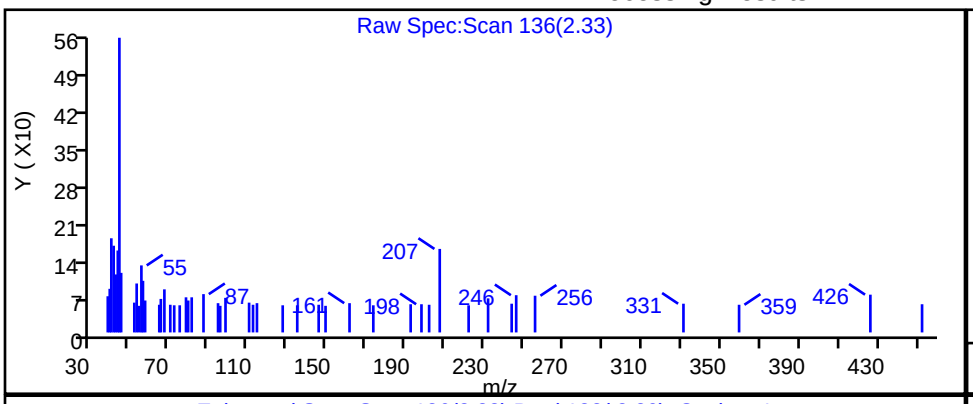
User Disabled Compound Report

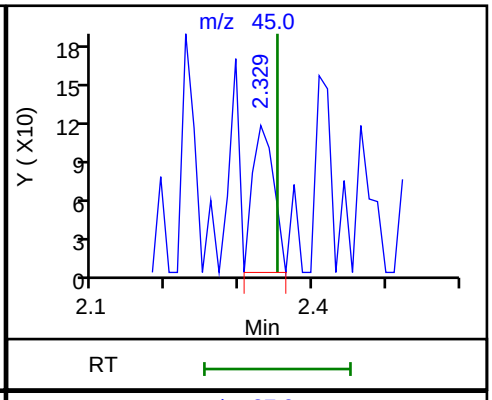
Eurofins Edison

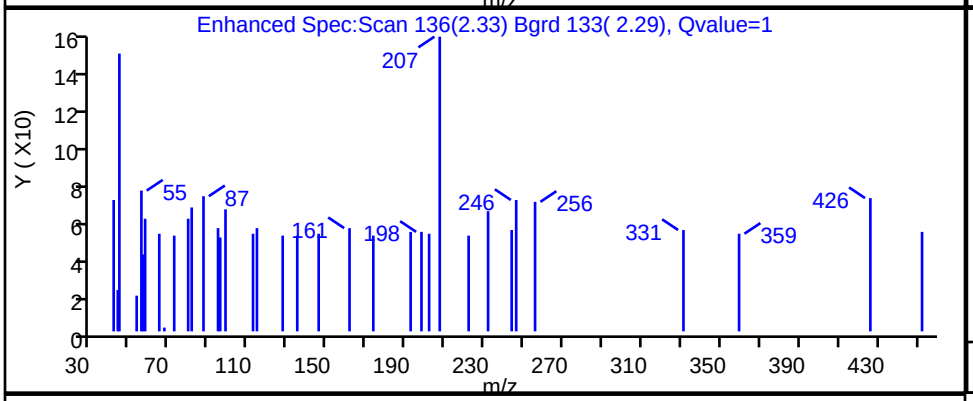
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

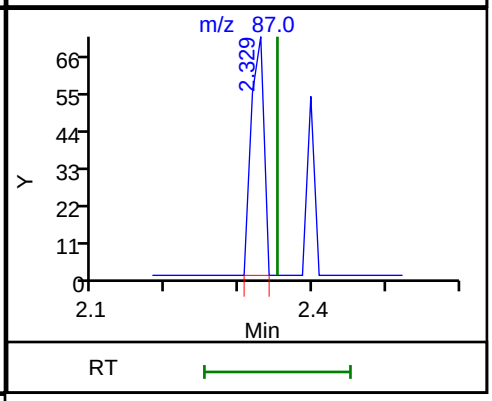
39 Isopropyl ether, CAS: 108-20-3

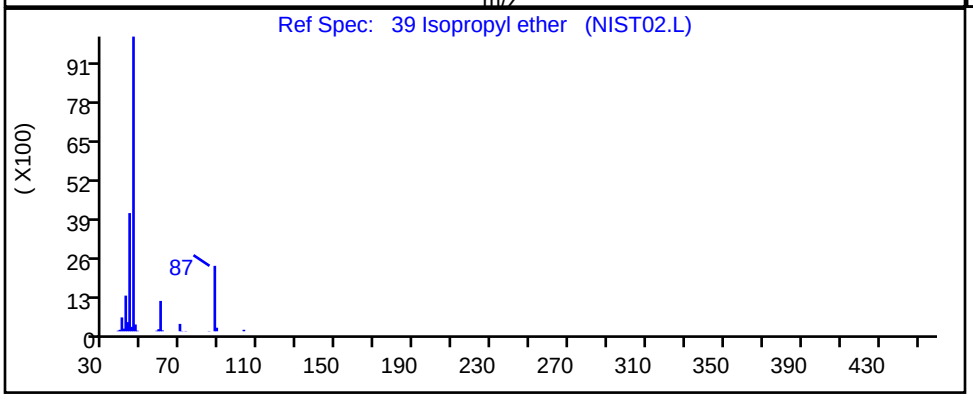
Processing Results











RT	Mass	Response	Amount
2.33	45.00	228	0.031622
2.33	87.00	87	

Reviewer: HVW2, 04-Oct-2022 00:26:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

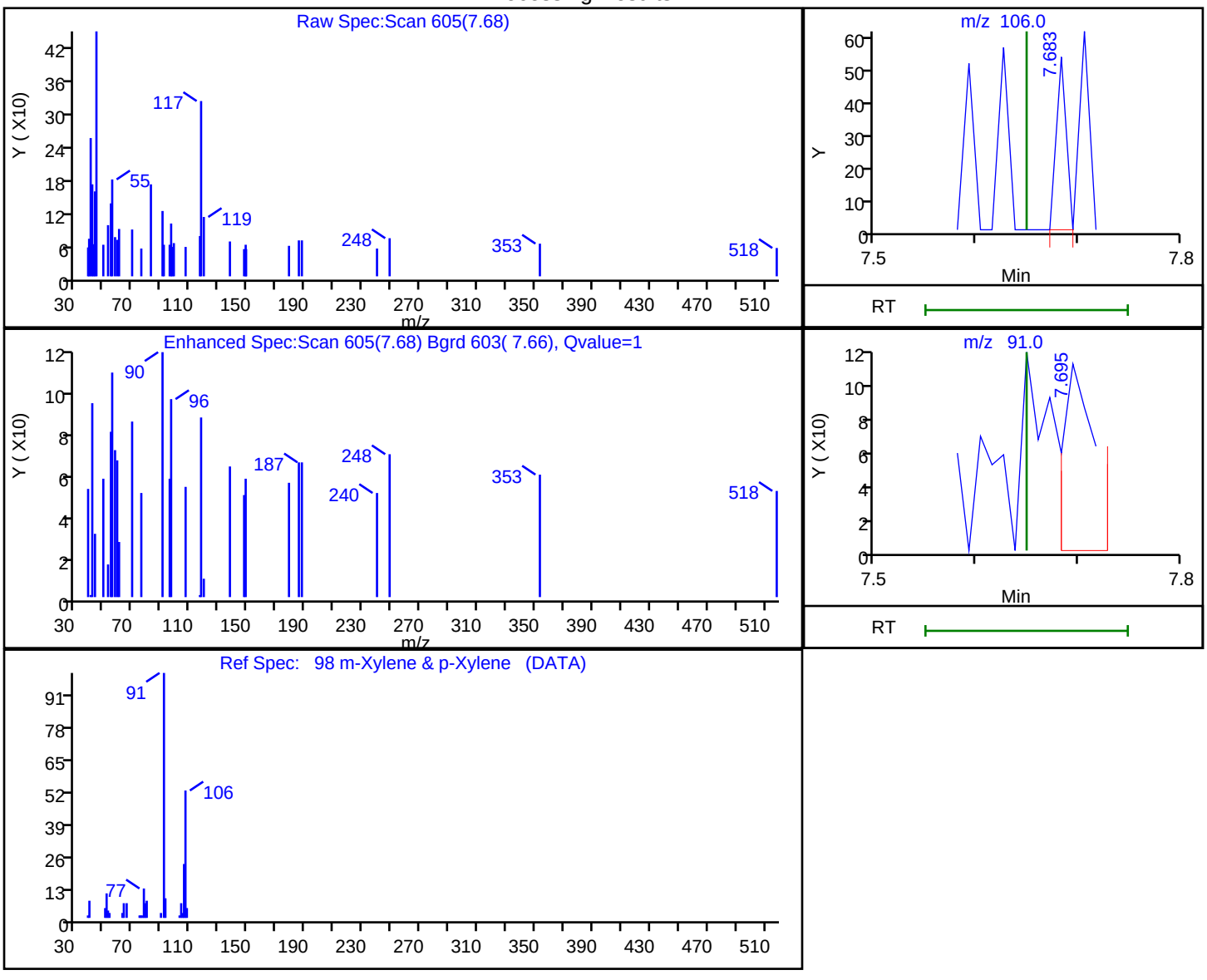
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
7.68	106.00	37	0.011079
7.69	91.00	216	

Reviewer: HVW2, 04-Oct-2022 00:27:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

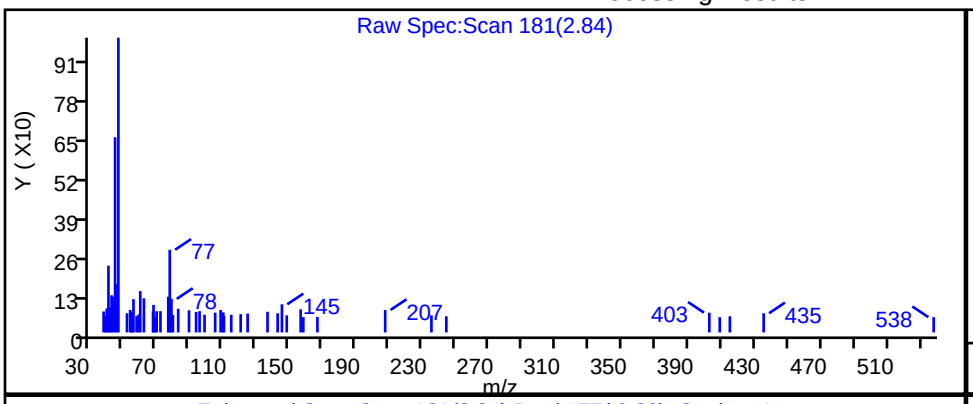
User Disabled Compound Report

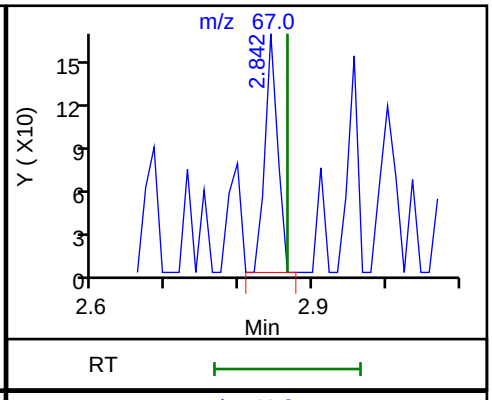
Eurofins Edison

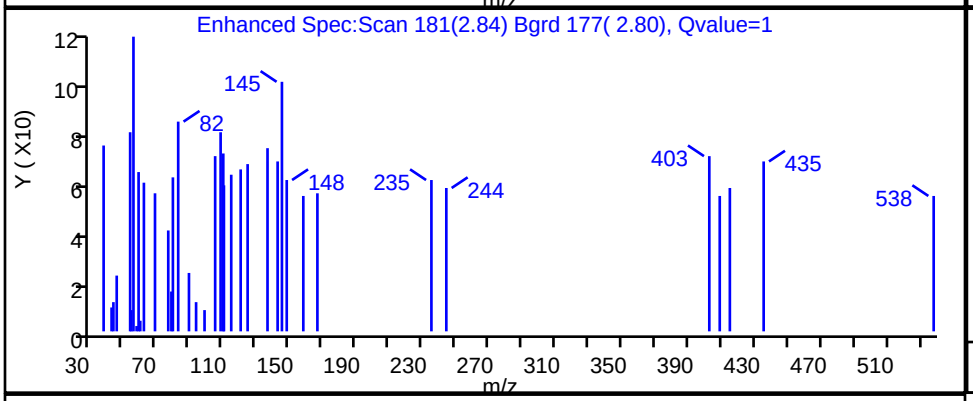
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

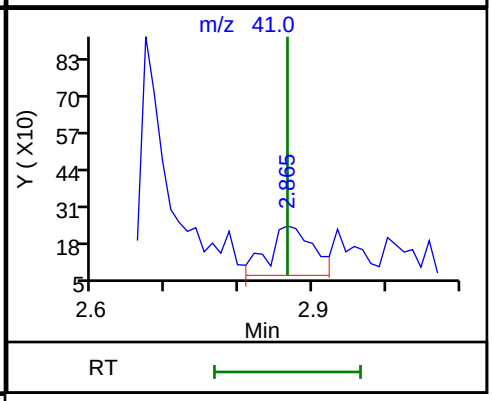
50 Methacrylonitrile, CAS: 126-98-7

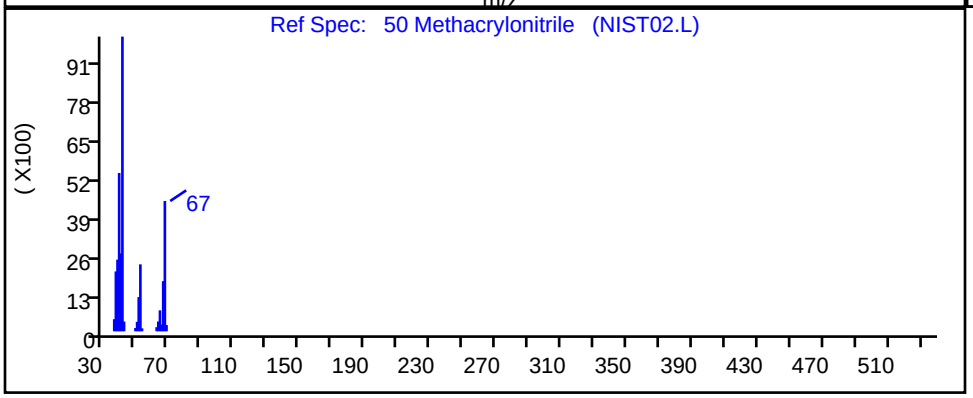
Processing Results











RT	Mass	Response	Amount
2.84	67.00	195	0.317945
2.87	41.00	753	

Reviewer: HVW2, 04-Oct-2022 00:26:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

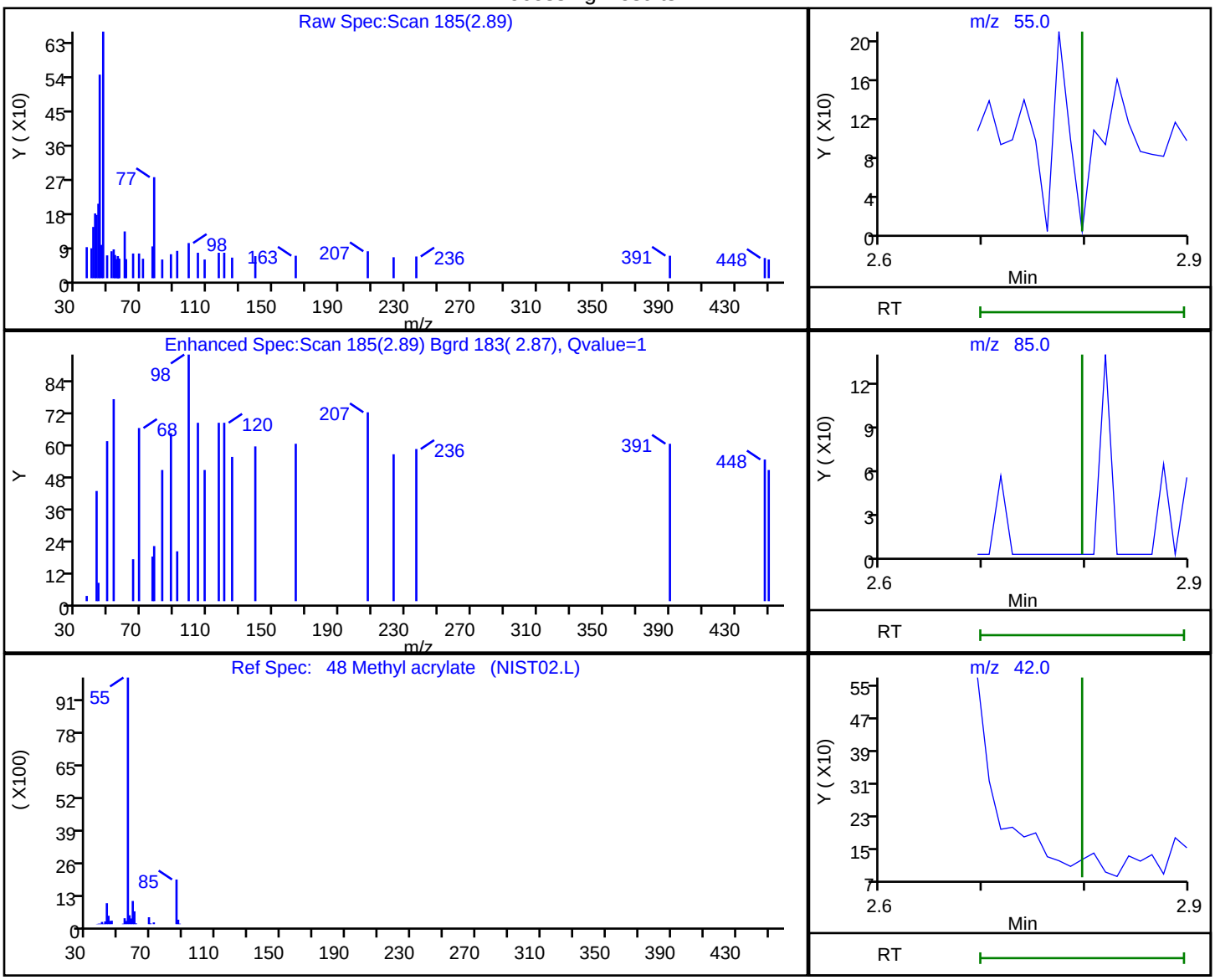
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.89	55.00	193	0.101611
2.90	85.00	36	
2.89	42.00	203	

Reviewer: HVW2, 04-Oct-2022 00:26:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

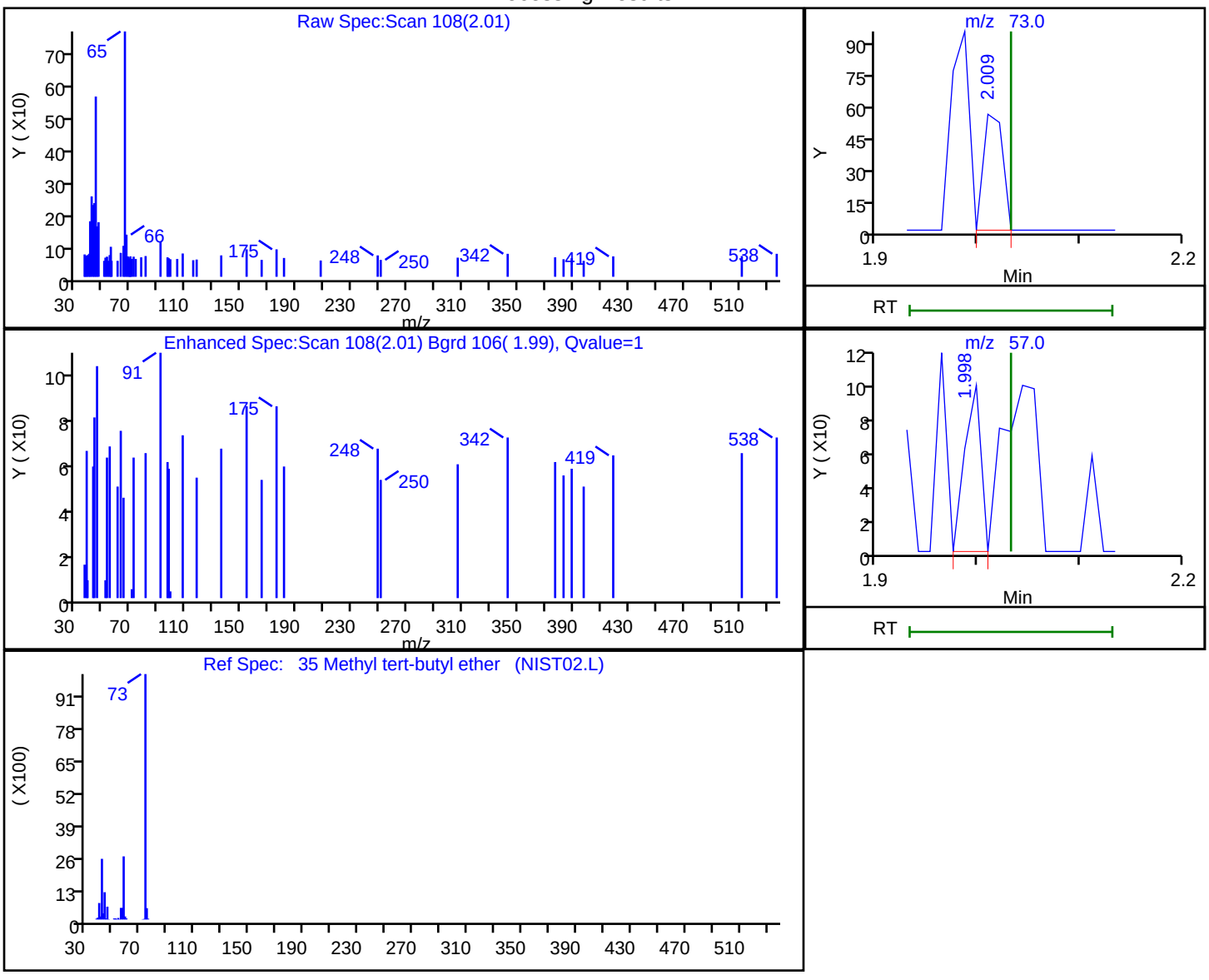
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

35 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.01	73.00	74	0.011313
2.00	57.00	108	

Reviewer: HVW2, 04-Oct-2022 00:26:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

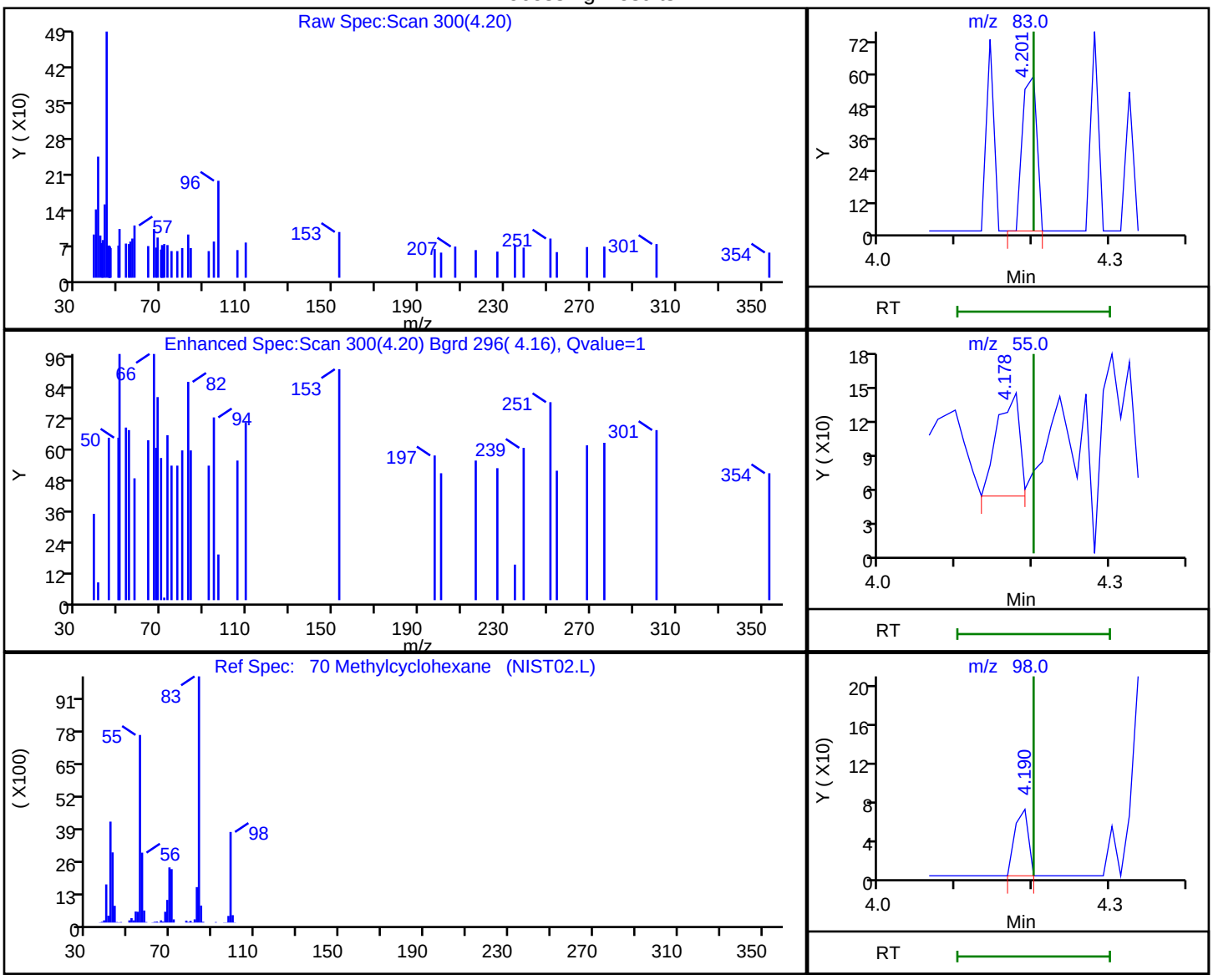
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.20	83.00	77	0.028056
4.18	55.00	183	
4.19	98.00	82	

Reviewer: HVW2, 04-Oct-2022 00:27:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

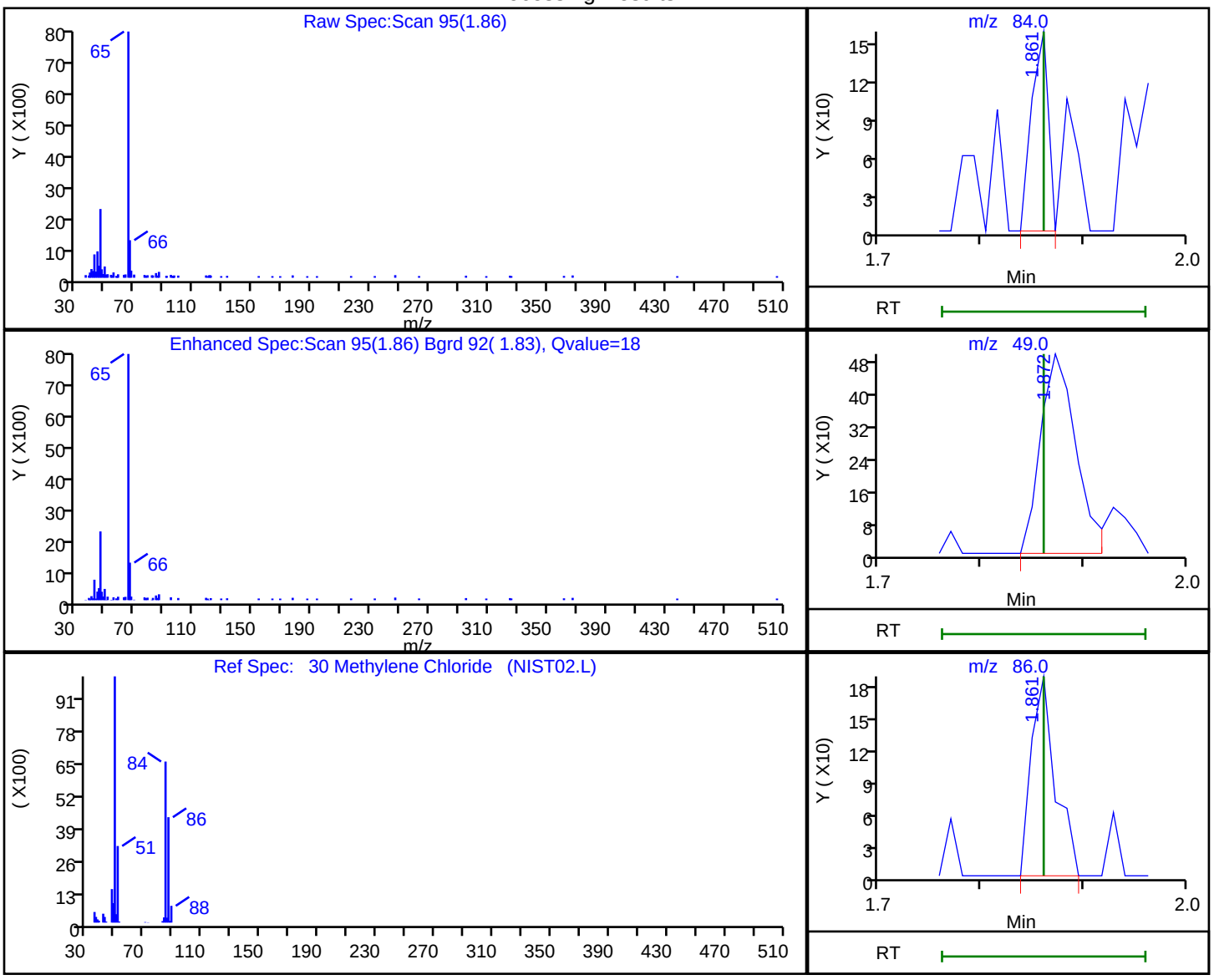
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.86	84.00	173	0.047219
1.87	49.00	1210	
1.86	86.00	311	

Reviewer: HVW2, 04-Oct-2022 00:26:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

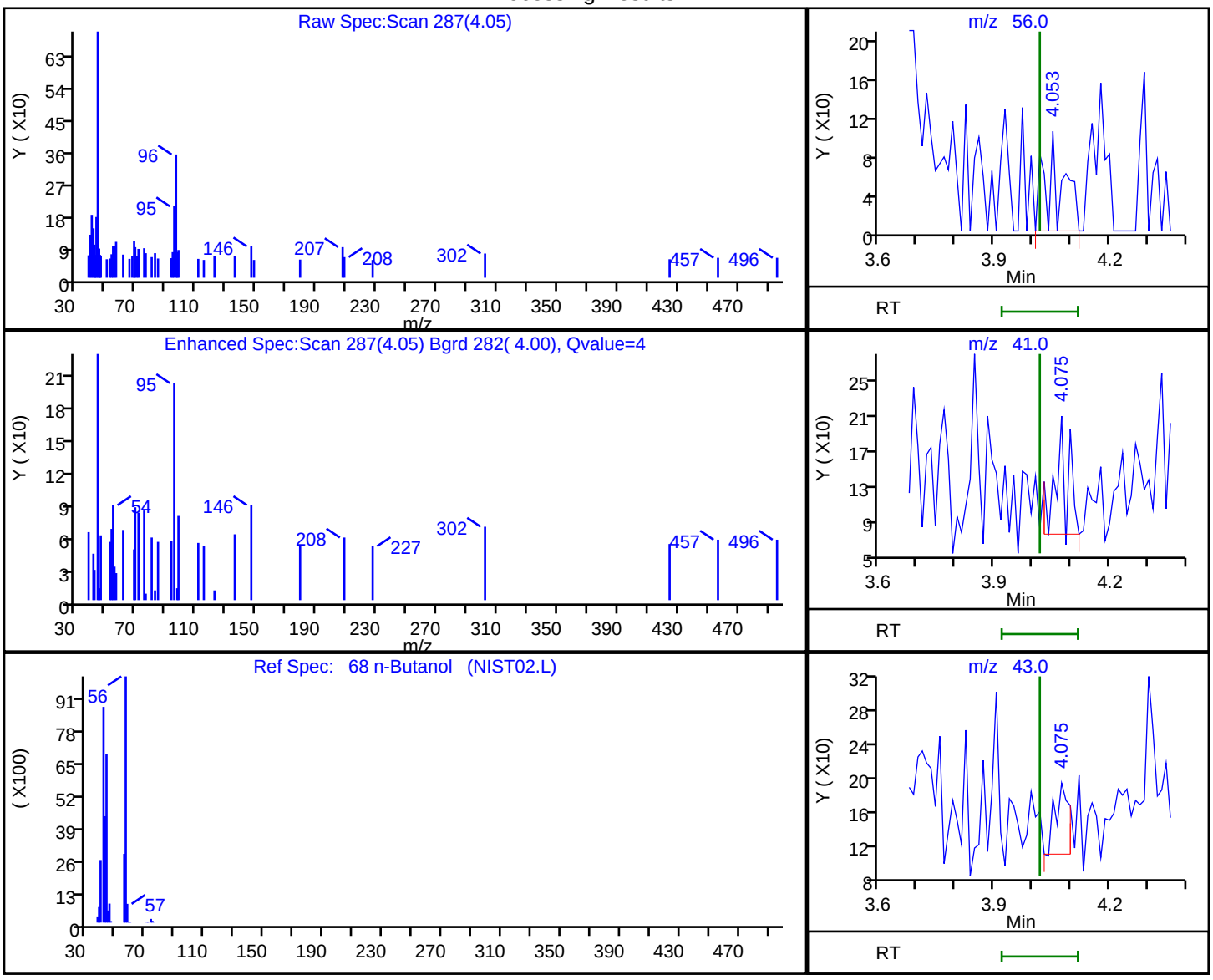
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.05	56.00	306	23.896555
4.08	41.00	303	
4.08	43.00	203	

Reviewer: HVW2, 04-Oct-2022 00:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

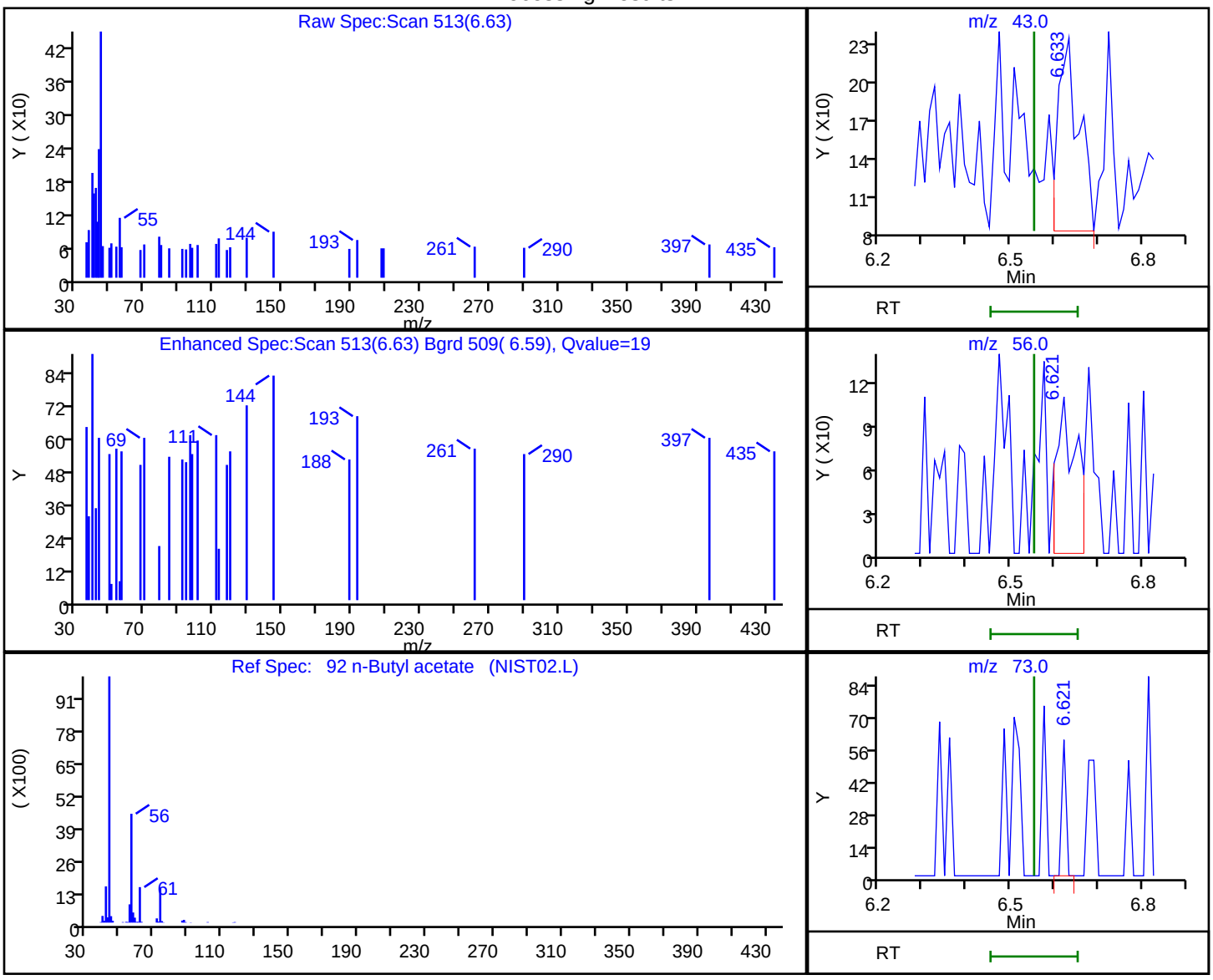
User Disabled Compound Report

Eurofins Edison

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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

92 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.63	43.00	497	0.353723
6.62	56.00	338	
6.62	73.00	41	

Reviewer: HVW2, 04-Oct-2022 00:27:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

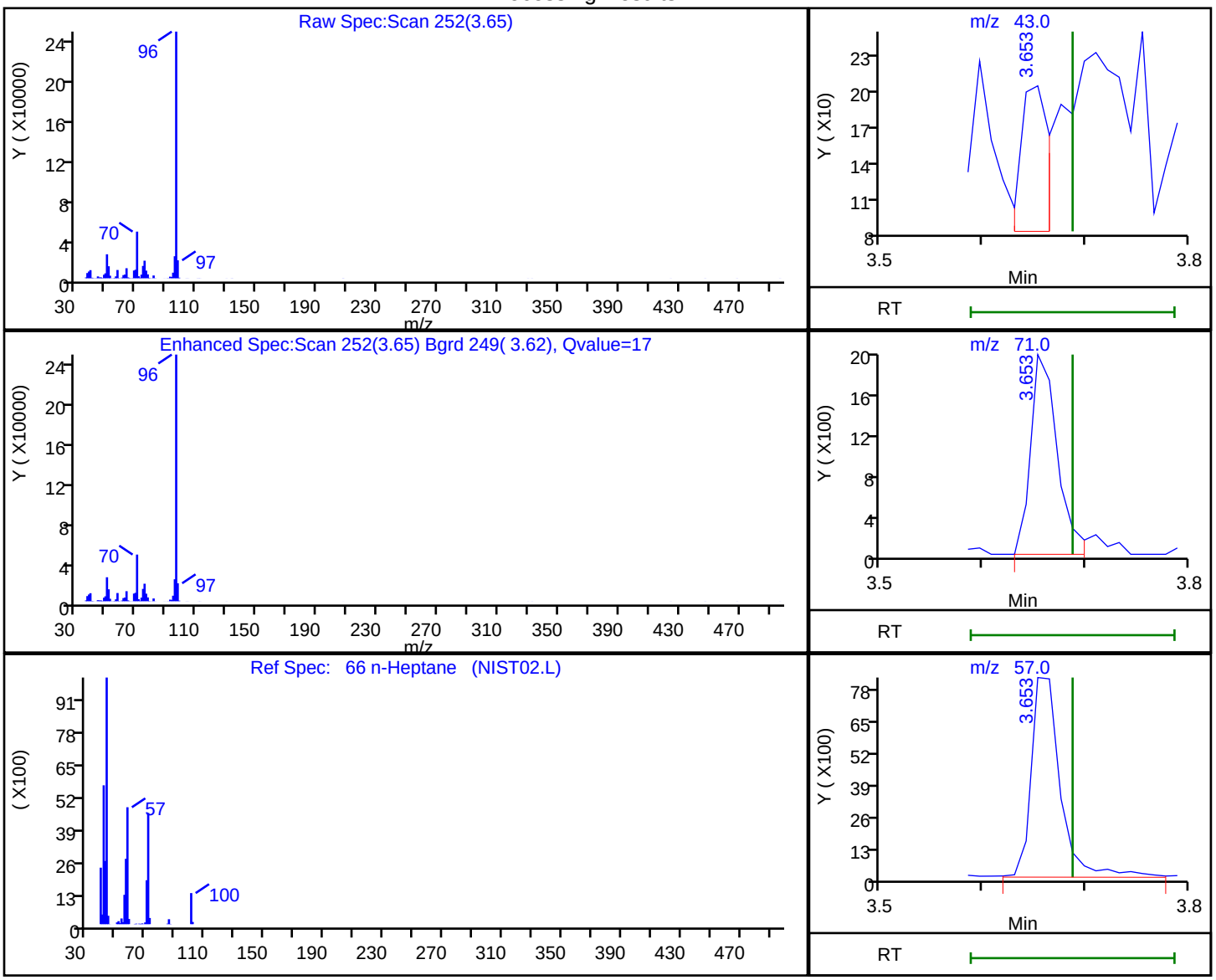
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.65	43.00	225	0.033230
3.65	71.00	3617	
3.65	57.00	16565	

Reviewer: HVW2, 04-Oct-2022 00:27:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

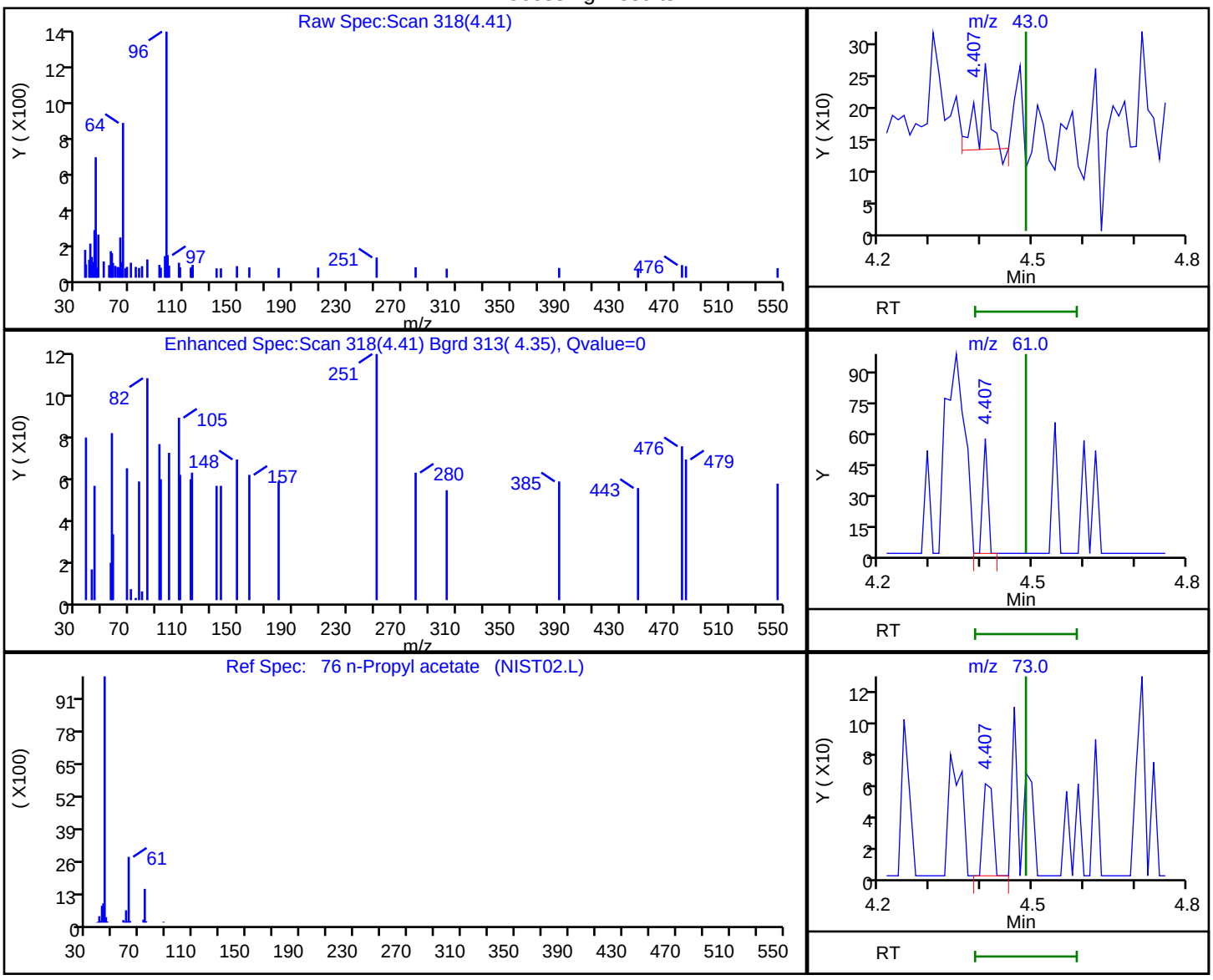
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
4.41	43.00	194	0.097735
4.41	61.00	39	
4.41	73.00	80	

Reviewer: HVW2, 04-Oct-2022 00:27:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

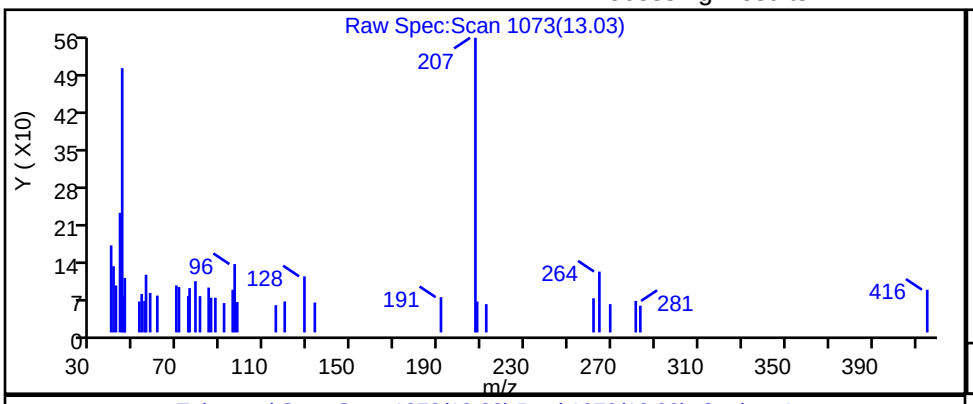
User Disabled Compound Report

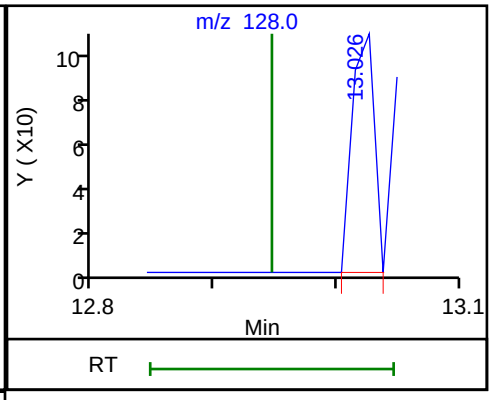
Eurofins Edison

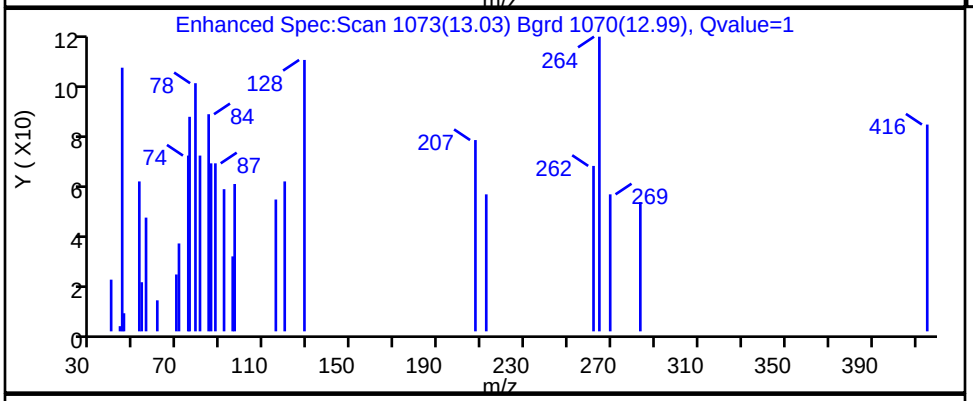
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

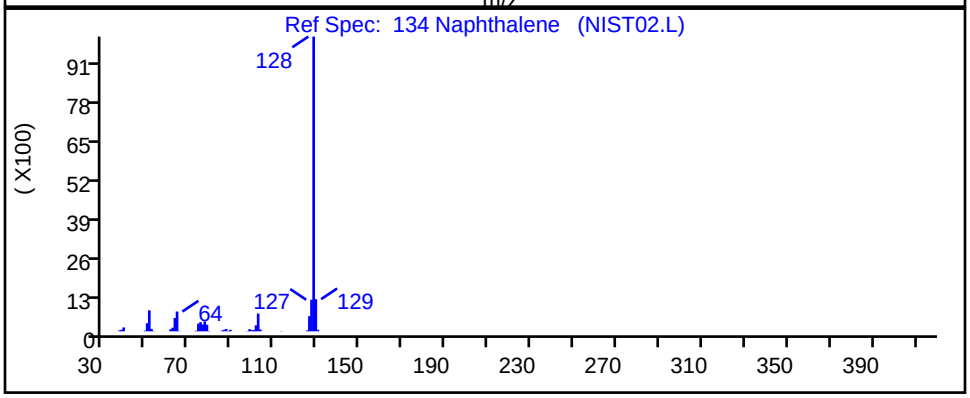
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.03	128.00	133	0.021722

Reviewer: HVW2, 04-Oct-2022 00:27:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

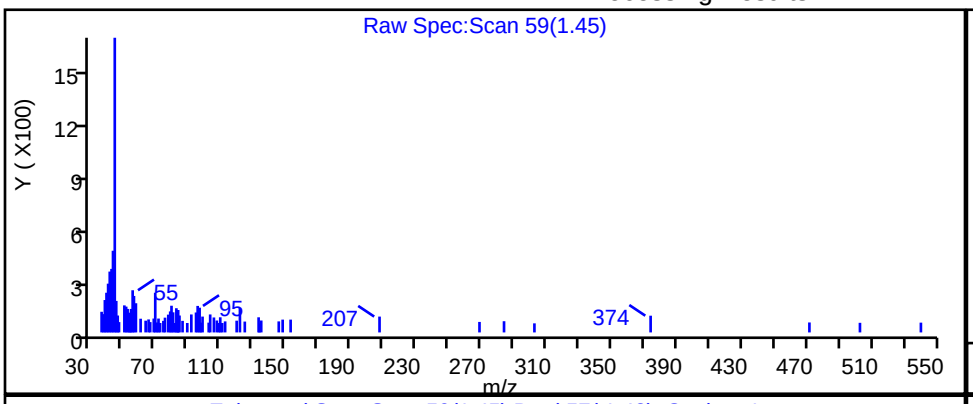
User Disabled Compound Report

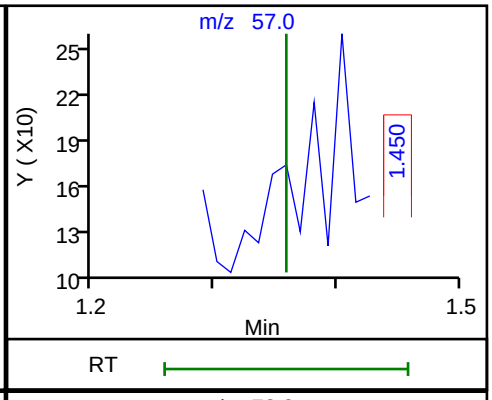
Eurofins Edison

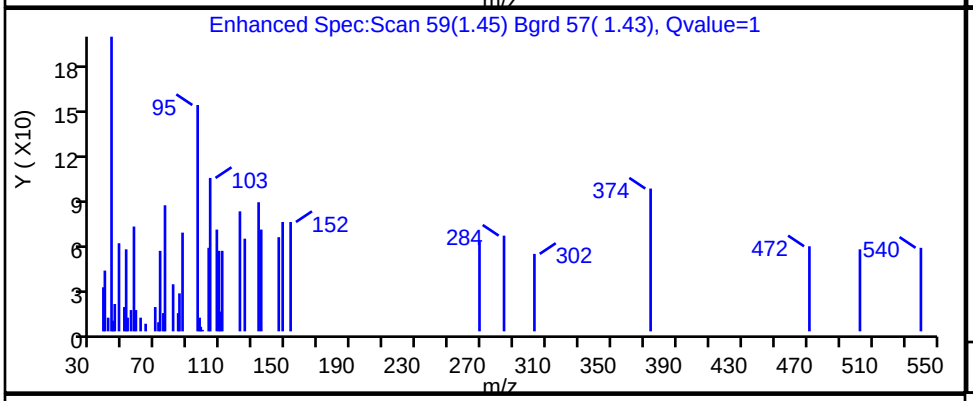
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Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

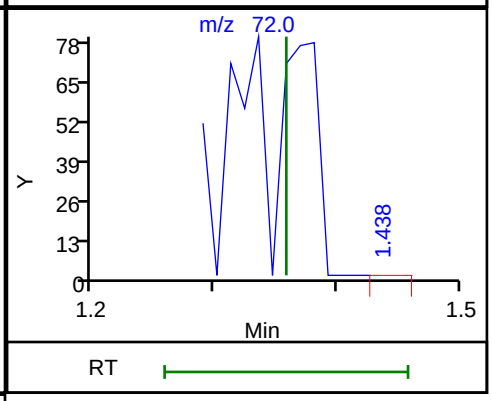
13 Pentane, CAS: 109-66-0

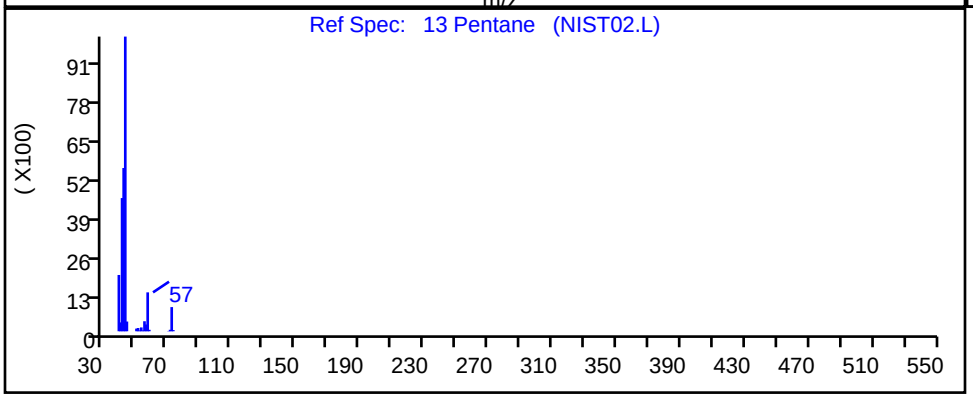
Processing Results











RT	Mass	Response	Amount
1.45	57.00	253	0.390902
1.44	72.00	81	

Reviewer: HVW2, 04-Oct-2022 00:26:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

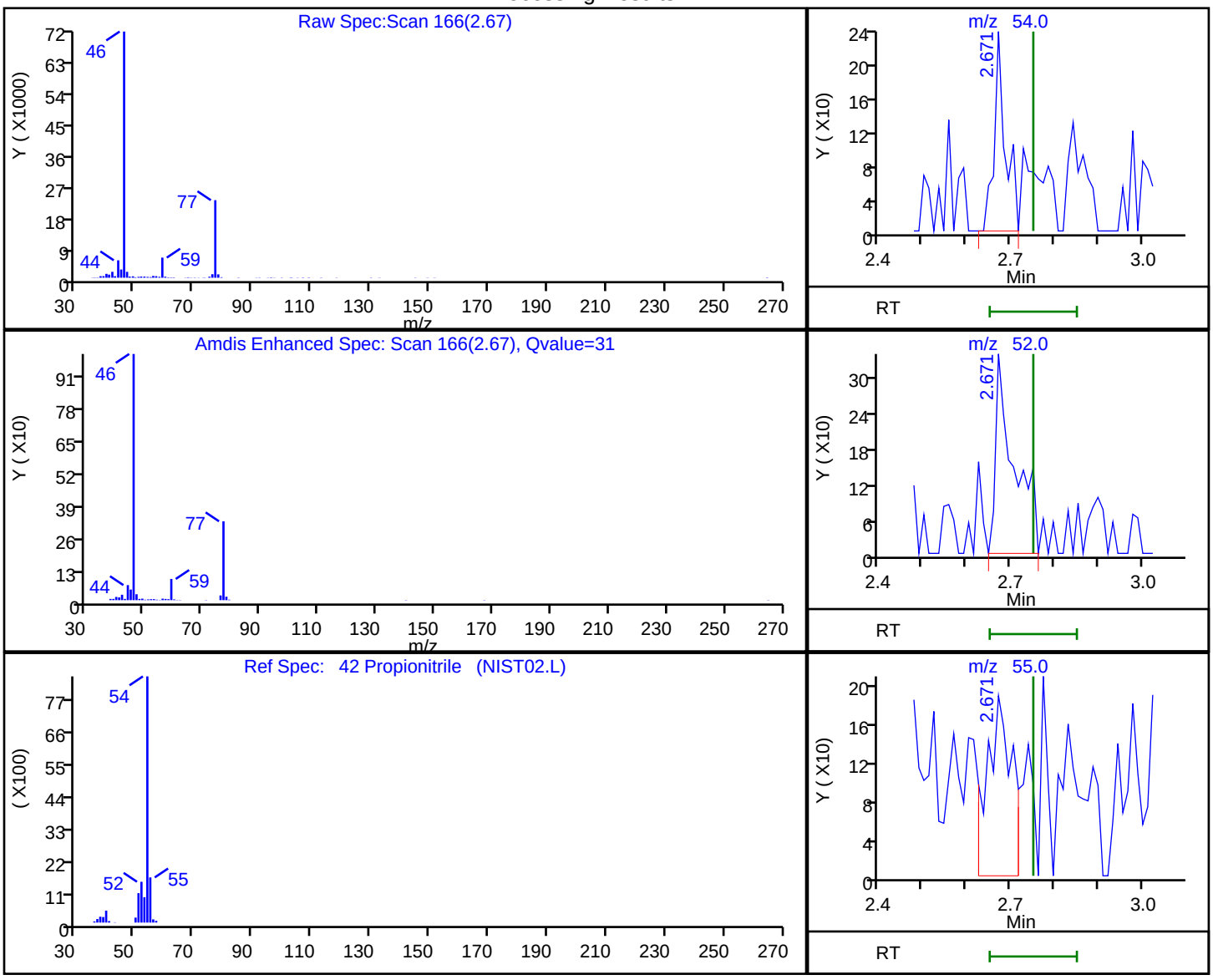
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.67	54.00	425	5.605786
2.67	52.00	980	
2.67	55.00	732	

Reviewer: HVW2, 04-Oct-2022 00:26:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

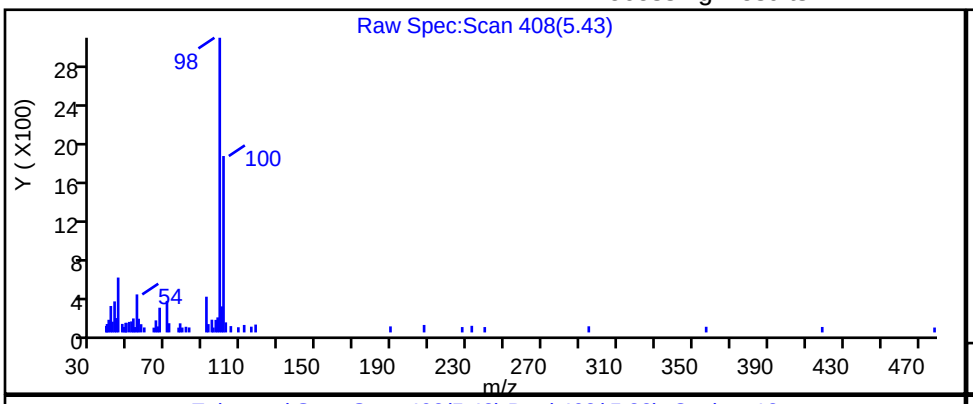
User Disabled Compound Report

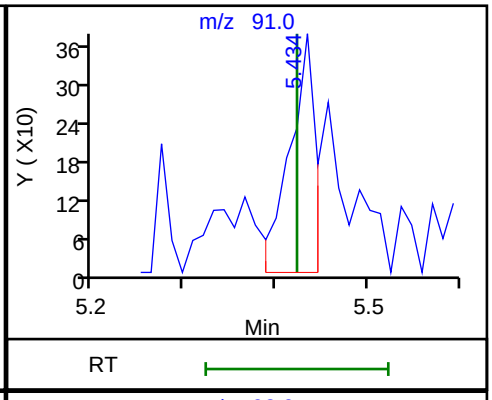
Eurofins Edison

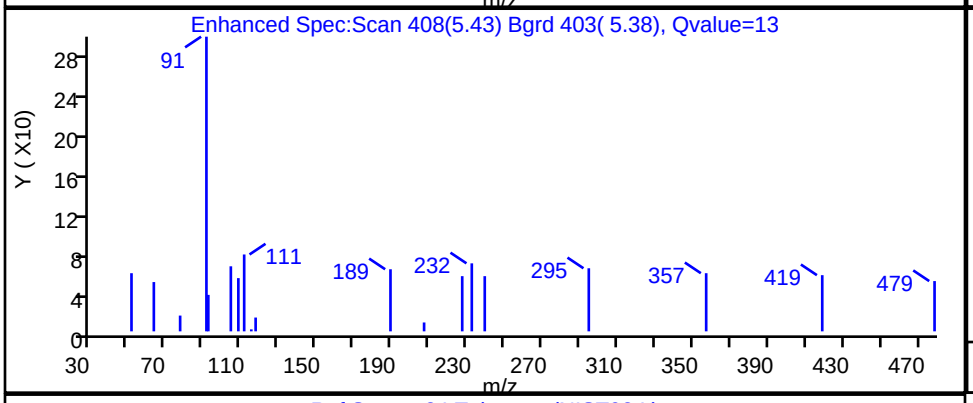
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

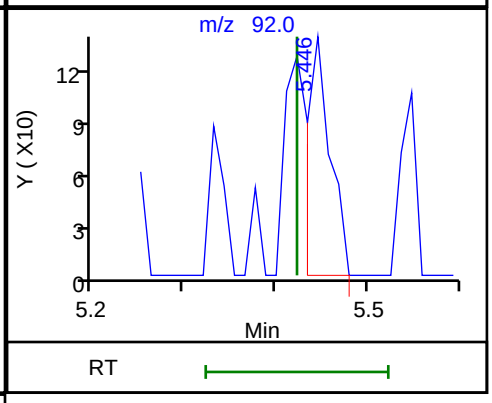
84 Toluene, CAS: 108-88-3

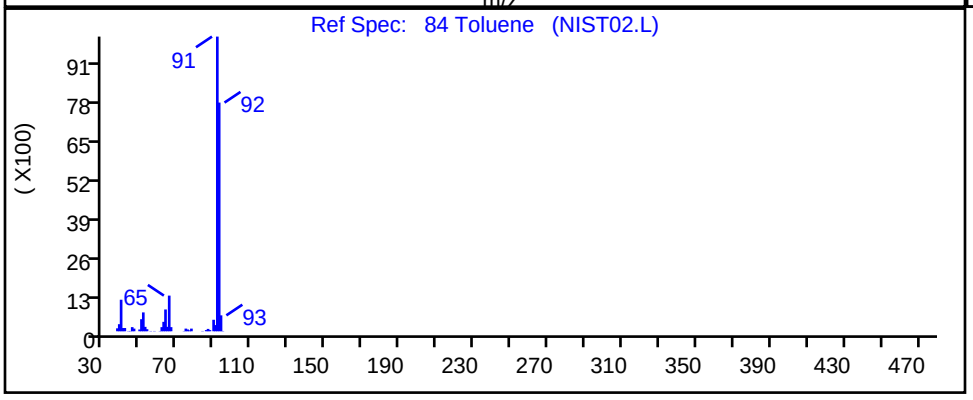
Processing Results











RT	Mass	Response	Amount
5.43	91.00	742	0.054593
5.45	92.00	236	

Reviewer: HVW2, 04-Oct-2022 00:27:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

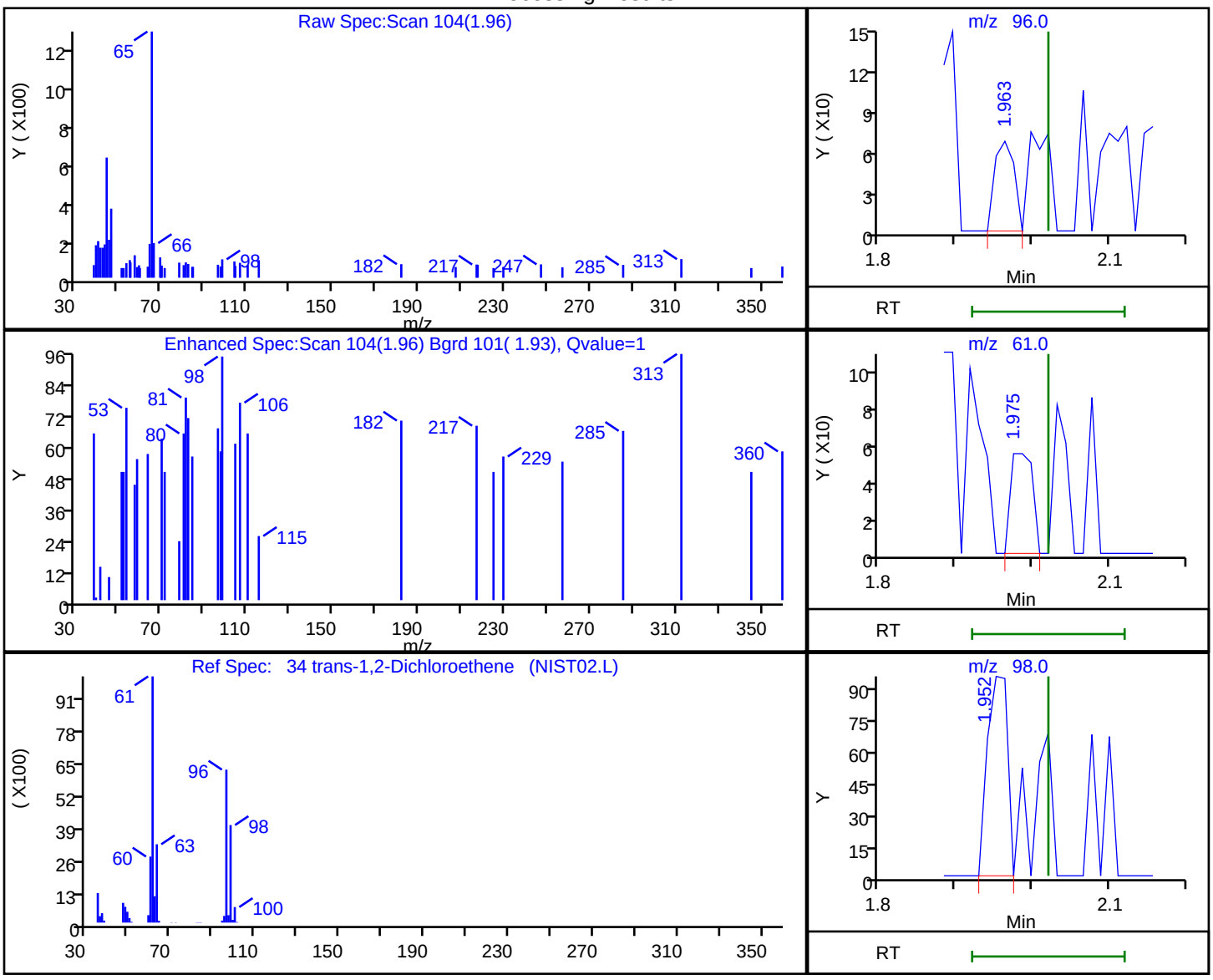
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.96	96.00	119	0.039435
1.97	61.00	110	
1.95	98.00	176	

Reviewer: HVW2, 04-Oct-2022 00:26:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

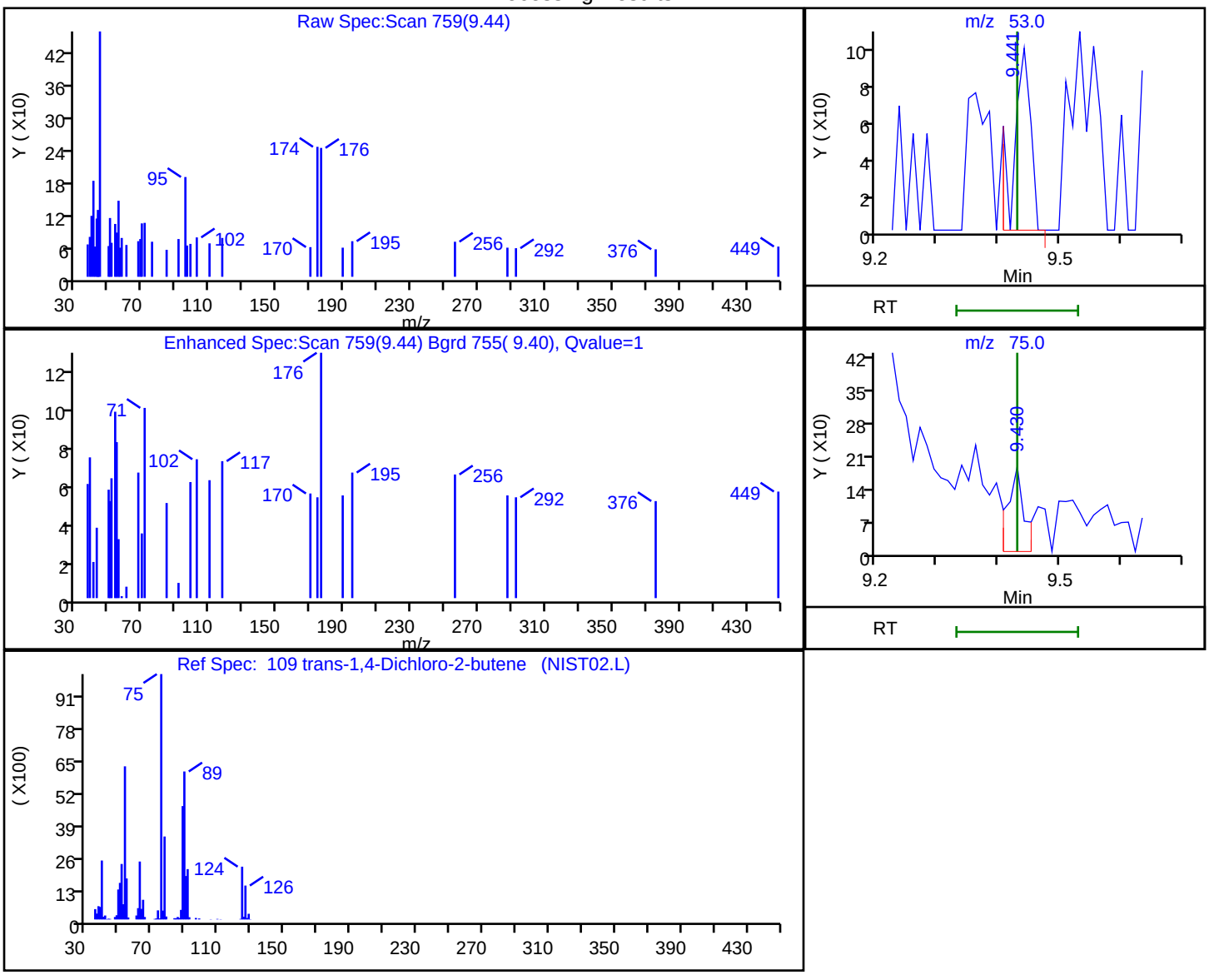
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.44	53.00	190	
9.43	75.00	347	0.443514

Reviewer: HVW2, 04-Oct-2022 00:27:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

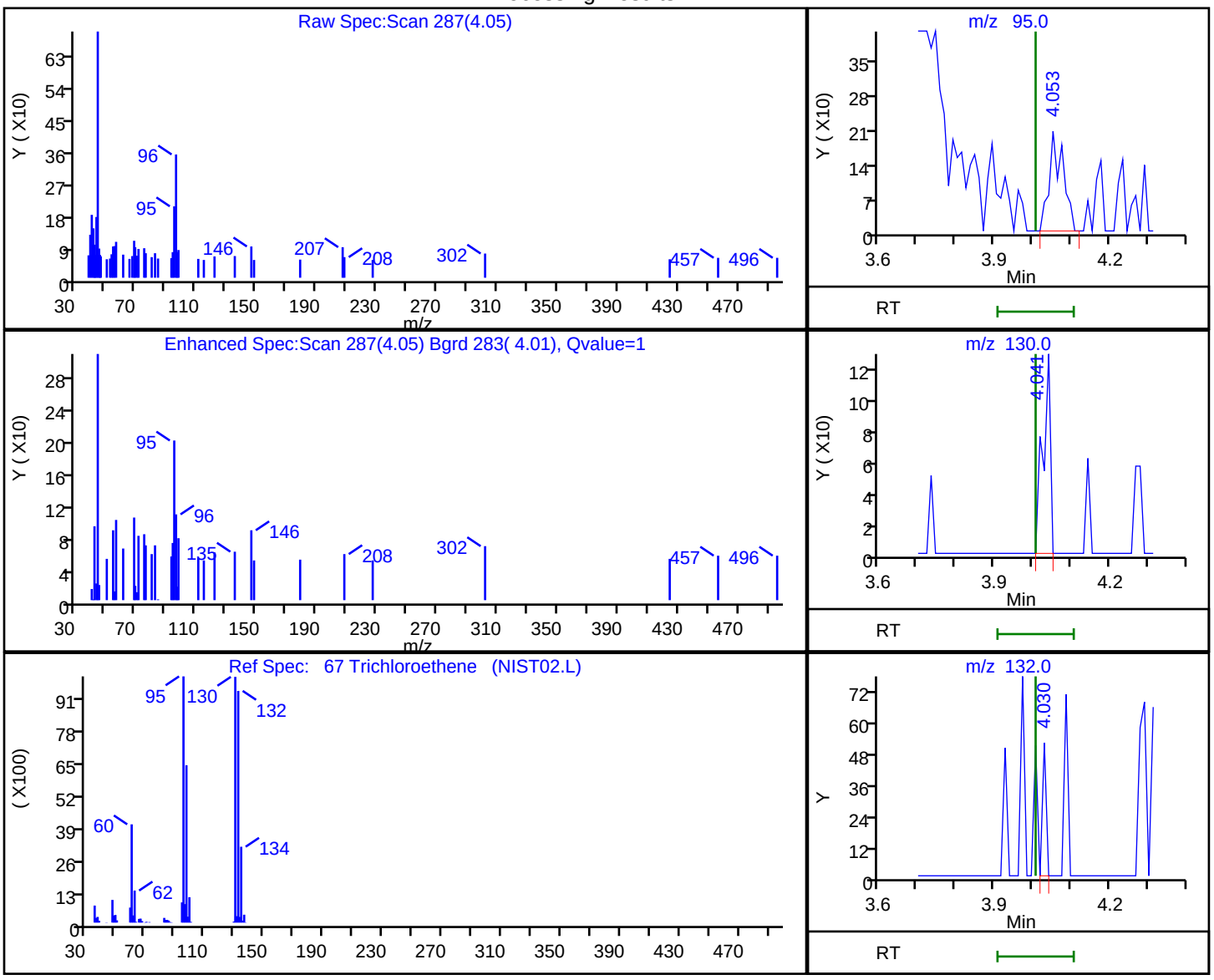
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.05	95.00	508	0.162143
4.04	130.00	175	
4.03	132.00	36	

Reviewer: HVW2, 04-Oct-2022 00:27:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

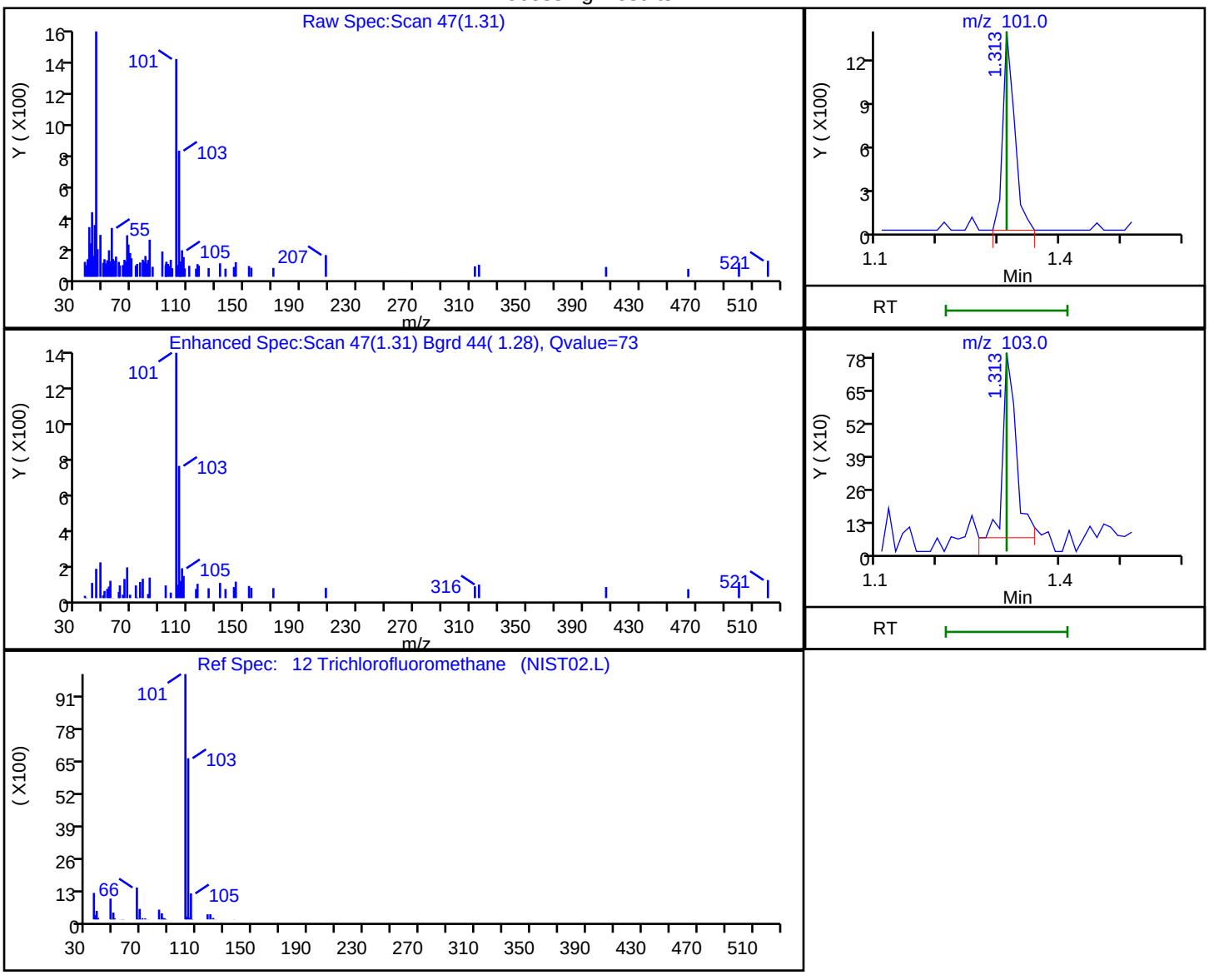
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.31	101.00	1817	0.250000
1.31	103.00	1108	

Reviewer: HVW2, 03-Oct-2022 21:34:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

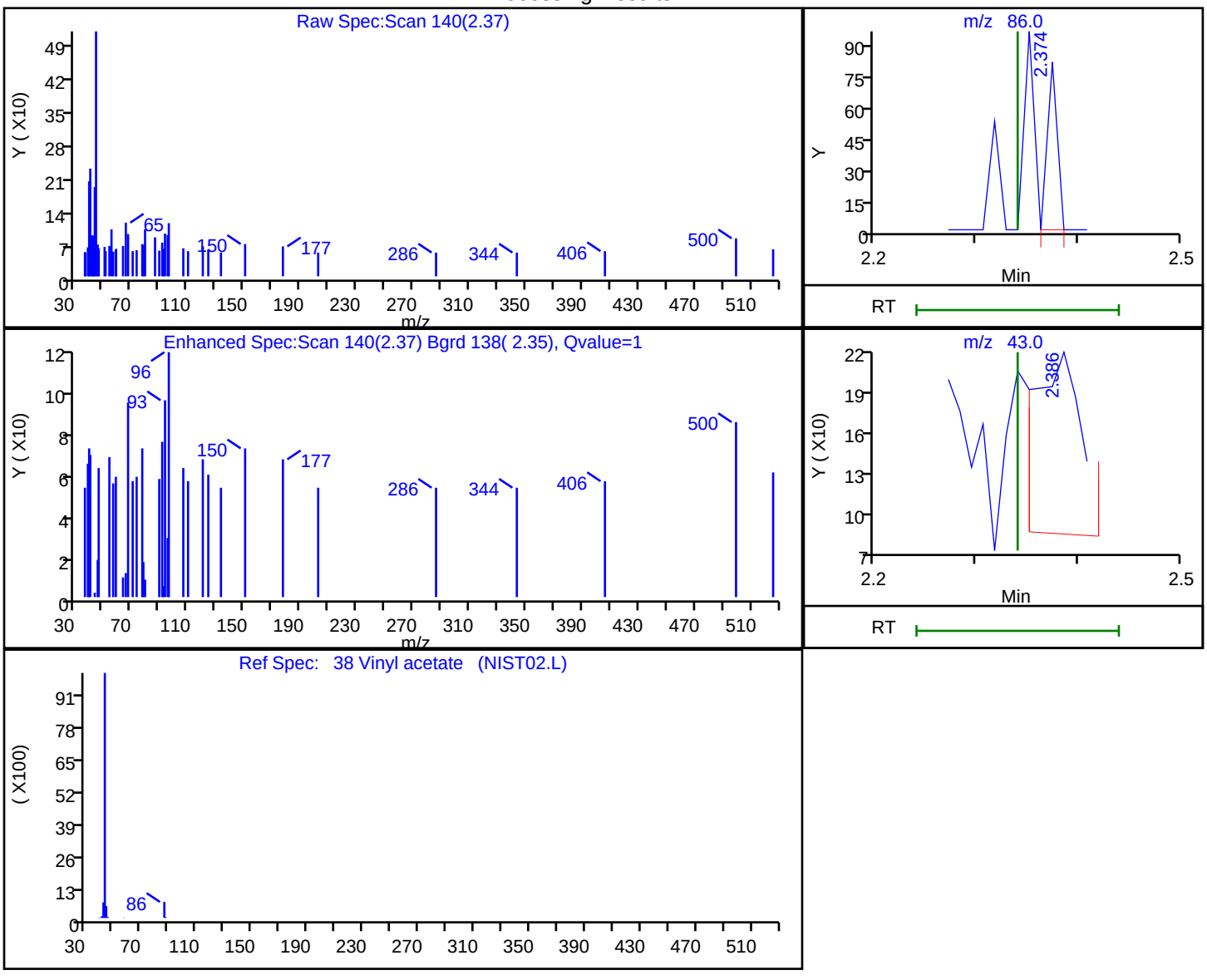
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

38 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
2.37	86.00	56	0.513706
2.39	43.00	396	

Reviewer: HVW2, 04-Oct-2022 00:26:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

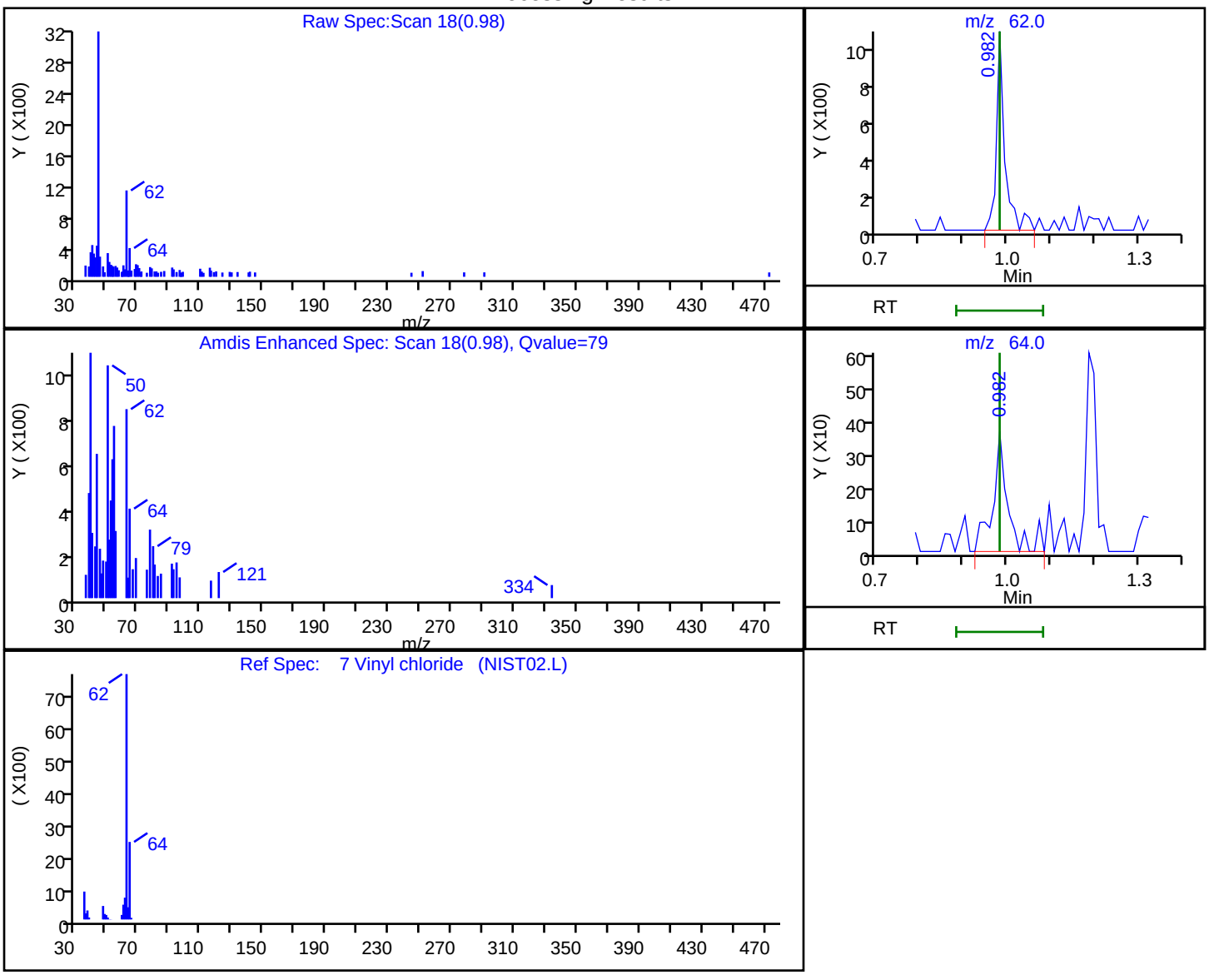
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82141.d
Injection Date: 03-Oct-2022 21:13:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.98	62.00	1484	0.250000
0.98	64.00	883	

Reviewer: HVW2, 03-Oct-2022 21:34:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82142.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Oct-2022 21:38:30 ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0151211-004
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:16:19 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 03-Oct-2022 22:10:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	44	973	1.00	1.06	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	4637	1.00	0.9878	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	84	751	1.00	1.29	
6 Chloromethane	50	0.959	0.970	-0.011	79	3974	1.00	0.9874	M
7 Vinyl chloride	62	0.981	0.981	0.000	97	3806	1.00	1.36	
8 Butadiene	54	0.993	0.993	0.000	89	2975	1.00	1.21	
9 Bromomethane	94	1.141	1.141	0.000	96	2535	1.00	1.25	
10 Chloroethane	64	1.187	1.187	0.000	98	2412	1.00	1.32	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	6063	1.00	1.24	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	99	5238	1.00	1.19	
13 Pentane	57	1.358	1.358	0.000	98	1015	2.00	2.23	
14 Ethanol	46	1.438	1.415	0.023	47	538	40.0	48.1	
15 Ethyl ether	59	1.461	1.461	0.000	78	1584	1.00	0.9568	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	89	2656	1.00	1.06	
17 2-Methyl-1,3-butadiene	53	1.484	1.472	0.012	94	2268	1.00	1.13	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.507	0.000	94	3517	1.00	1.04	
19 Acrolein	56	1.552	1.529	0.023	49	701	4.00	4.00	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	97	2611	1.00	1.12	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.598	1.587	0.011	91	2676	1.00	1.17	
22 Acetone	58	1.621	1.609	0.012	85	800	5.00	6.83	
23 Iodomethane	142	1.666	1.666	0.000	98	3539	1.00	0.8771	
25 Carbon disulfide	76	1.701	1.701	0.000	99	8564	1.00	1.11	
24 Isopropyl alcohol	45	1.701	1.701	0.000	25	834	10.0	10.9	
26 Acetonitrile	38	1.792	1.781	0.011	72	565	10.0	7.00	
27 3-Chloro-1-propene	76	1.792	1.781	0.011	91	1447	1.00	0.8989	
28 Methyl acetate	43	1.826	1.803	0.023	32	1459	2.00	1.94	
29 Cyclopentene	67	1.838	1.838	0.000	93	5760	1.00	1.07	
30 Methylene Chloride	84	1.861	1.861	0.000	89	3555	1.00	1.23	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	100	125896	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.940	1.929	0.011	43	1897	10.0	12.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.020	1.998	0.022	68	4909	10.0	8.63	
34 trans-1,2-Dichloroethene	96	2.032	2.020	0.012	70	2945	1.00	1.12	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	93	6347	1.00	1.00	
36 Hexane	57	2.214	2.214	0.000	86	2147	1.00	1.24	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	98	4798	1.00	1.09	
38 Vinyl acetate	86	2.363	2.340	0.023	66	204	2.00	1.56	
39 Isopropyl ether	45	2.363	2.351	0.012	91	6996	1.00	1.05	
40 2-Chloro-1,3-butadiene	88	2.363	2.351	0.012	75	2140	1.00	0.8730	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	94	6596	1.00	0.9202	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	116710	250.0	250.0	
44 2,2-Dichloropropane	97	2.705	2.694	0.011	81	732	1.00	1.01	
45 cis-1,2-Dichloroethene	96	2.705	2.694	0.011	96	3207	1.00	1.10	
46 2-Butanone (MEK)	72	2.740	2.717	0.023	39	1030	5.00	6.12	
42 Propionitrile	54	2.808	2.751	0.057	34	1641	10.0	8.11	Ma
48 Methyl acrylate	55	2.877	2.797	0.080	43	1657	1.00	1.04	
50 Methacrylonitrile	67	2.888	2.865	0.023	92	6560	10.0	9.57	
49 Chlorobromomethane	128	2.888	2.877	0.011	85	1676	1.00	1.09	
51 Tetrahydrofuran	42	2.957	2.922	0.035	33	855	2.00	2.51	
52 Chloroform	83	2.957	2.945	0.012	98	4796	1.00	1.07	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	97	127363	50.0	51.0	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	97	4713	1.00	1.12	
55 Cyclohexane	84	3.139	3.139	0.000	92	3331	1.00	1.08	
56 Carbon tetrachloride	117	3.231	3.231	0.000	98	3532	1.00	1.01	
57 1,1-Dichloropropene	75	3.242	3.231	0.011	87	3421	1.00	1.01	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	126852	50.0	50.9	
59 Benzene	78	3.413	3.402	0.011	95	10971	1.00	1.18	
60 1,2-Dichloroethane	62	3.425	3.413	0.012	50	3796	1.00	1.15	
62 Isooctane	57	3.505	3.505	0.000	84	4753	1.00	1.30	
63 Isopropyl acetate	61	3.539	3.516	0.023	71	615	1.00	0.8670	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	87	7437	1.00	1.03	
* 65 Fluorobenzene	96	3.664	3.664	0.000	99	493508	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	36	1439	1.00	1.22	
67 Trichloroethene	95	4.030	4.007	0.023	92	3040	1.00	1.01	
69 Ethyl acrylate	55	4.201	4.167	0.034	80	1993	1.00	1.02	a
70 Methylcyclohexane	83	4.201	4.201	0.000	87	2663	1.00	1.01	
71 1,2-Dichloropropane	63	4.235	4.224	0.011	74	2635	1.00	1.06	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	24765	1000.0	1000.0	
73 Dibromomethane	93	4.349	4.338	0.011	27	1919	1.00	1.20	
74 1,4-Dioxane	88	4.395	4.384	0.011	38	1459	50.0	54.8	
75 Methyl methacrylate	100	4.452	4.395	0.057	93	807	2.00	1.28	
76 n-Propyl acetate	43	4.578	4.486	0.092	29	1541	1.00	0.6994	a
77 Dichlorobromomethane	83	4.532	4.521	0.011	92	2952	1.00	0.8831	
78 2-Nitropropane	41	4.806	4.772	0.034	72	464	2.00	0.9766	
79 2-Chloroethyl vinyl ether	63	4.989	4.897	0.092	28	744	1.00	0.4689	a
80 Epichlorohydrin	57	4.989	4.932	0.057	42	2349	20.0	16.3	
81 cis-1,3-Dichloropropene	75	5.057	5.034	0.023	90	3702	1.00	0.99	
82 4-Methyl-2-pentanone (MIBK)	43	5.274	5.240	0.034	96	5403	5.00	3.99	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	511898	50.0	55.3	
84 Toluene	91	5.434	5.423	0.011	90	12730	1.00	1.19	
85 trans-1,3-Dichloropropene	75	5.777	5.719	0.058	93	2408	1.00	0.7504	
87 1,1,2-Trichloroethane	83	5.959	5.936	0.023	90	2159	1.00	1.24	
88 Tetrachloroethene	166	6.108	6.096	0.012	87	2930	1.00	1.19	

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	6.188	6.142	0.046	91	3624	1.00	1.02	
90 2-Hexanone	43	6.496	6.325	0.171	32	2405	5.00	2.49	Ma
91 Chlorodibromomethane	129	6.462	6.427	0.035	93	1721	1.00	0.7352	
93 Ethylene Dibromide	107	6.587	6.541	0.046	66	2291	1.00	1.00	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	368220	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	95	10128	1.00	1.31	
96 1,1,1,2-Tetrachloroethane	131	7.409	7.398	0.011	94	2487	1.00	1.01	
97 Ethylbenzene	106	7.489	7.466	0.023	97	3764	1.00	1.06	
98 m-Xylene & p-Xylene	106	7.683	7.649	0.034	97	4725	1.00	1.06	M
99 o-Xylene	106	8.243	8.220	0.023	95	4364	1.00	0.9674	
100 Styrene	104	8.323	8.254	0.069	87	7381	1.00	0.99	
102 Bromoform	173	8.482	8.460	0.022	49	1305	1.00	0.8653	
104 Isopropylbenzene	105	8.836	8.825	0.011	95	9930	1.00	1.05	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	147967	50.0	51.9	
106 Bromobenzene	156	9.236	9.190	0.046	91	2854	1.00	1.00	
107 1,1,2,2-Tetrachloroethane	83	9.350	9.327	0.023	90	2717	1.00	1.21	
108 1,2,3-Trichloropropane	75	9.361	9.339	0.022	82	2426	1.00	1.22	
109 trans-1,4-Dichloro-2-butene	75	9.510	9.430	0.080	38	741	1.00	0.8935	
110 N-Propylbenzene	91	9.498	9.476	0.022	99	7303	1.00	0.8597	
111 2-Chlorotoluene	91	9.567	9.544	0.023	95	9212	1.00	1.28	
112 4-Ethyltoluene	105	9.704	9.681	0.023	97	8448	1.00	1.03	
113 4-Chlorotoluene	91	9.772	9.727	0.045	96	5824	1.00	0.9663	
114 1,3,5-Trimethylbenzene	105	9.807	9.795	0.012	91	7500	1.00	1.08	
115 Butyl Methacrylate	87	10.161	10.092	0.069	76	1707	1.00	0.6692	
116 tert-Butylbenzene	119	10.309	10.298	0.011	94	5748	1.00	1.05	
117 1,2,4-Trimethylbenzene	105	10.412	10.389	0.023	97	7651	1.00	1.06	
118 sec-Butylbenzene	105	10.686	10.674	0.012	98	7729	1.00	1.11	
119 1,3-Dichlorobenzene	146	10.789	10.754	0.035	93	4918	1.00	1.04	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	95	190156	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.926	10.914	0.012	48	5844	1.00	1.15	
122 4-Isopropyltoluene	119	10.971	10.948	0.023	96	5996	1.00	1.01	
123 1,2,3-Trimethylbenzene	105	11.074	11.051	0.023	97	9080	1.00	1.13	
124 Benzyl chloride	126	11.222	11.165	0.057	51	756	1.00	1.05	
125 2,3-Dihydroindene	117	11.314	11.302	0.012	94	9466	1.00	1.09	
126 1,2-Dichlorobenzene	146	11.462	11.428	0.034	94	4800	1.00	1.01	
127 p-Diethylbenzene	119	11.519	11.496	0.023	82	3272	1.00	1.03	
128 n-Butylbenzene	92	11.542	11.519	0.023	73	2715	1.00	1.08	
129 1,2-Dibromo-3-Chloropropane	157	12.239	12.204	0.035	32	495	1.00	0.8971	
130 1,2,4,5-Tetramethylbenzene	119	12.239	12.227	0.012	97	6484	1.00	1.01	
131 1,3,5-Trichlorobenzene	180	12.398	12.376	0.022	93	2700	1.00	1.13	
132 1,2,4-Trichlorobenzene	180	12.832	12.809	0.023	93	2124	1.00	0.9778	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	90	933	1.00	1.23	
134 Naphthalene	128	12.969	12.946	0.023	98	5799	1.00	0.9414	
135 1,2,3-Trichlorobenzene	180	13.106	13.095	0.011	89	2224	1.00	1.12	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.23	
S 138 Xylenes, Total	100				0		2.00	2.03	
S 139 Total BTEX	1				0		5.00	5.45	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	10.00	Units: uL	
ACROLEIN W_00144	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	10.00	Units: uL	
GASES Li_00496	Amount Added:	10.00	Units: uL	
14DIOXINTER_00146	Amount Added:	30.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2022 17:16:20 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82142.d

Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12 Operator ID:

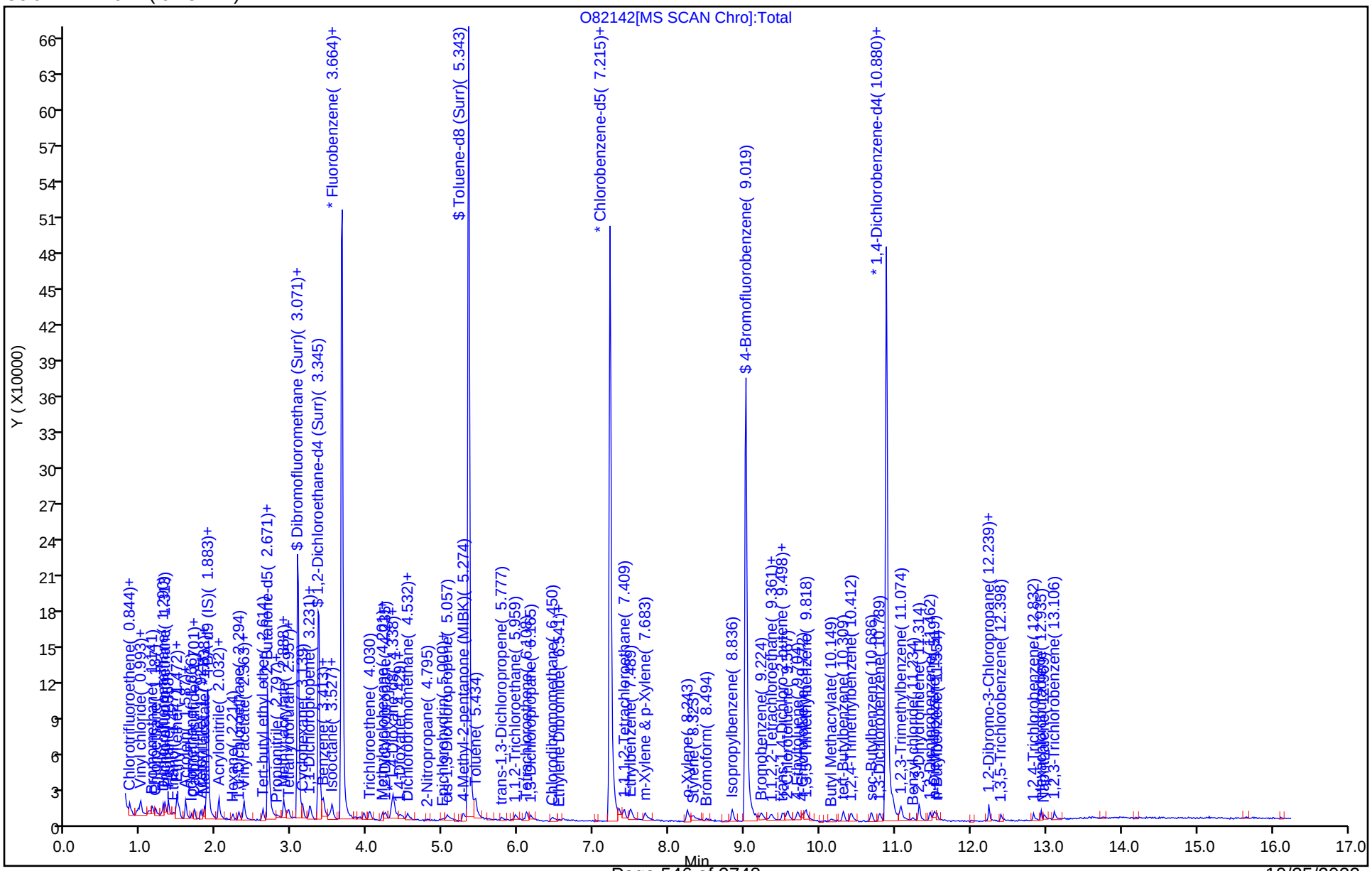
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 24

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

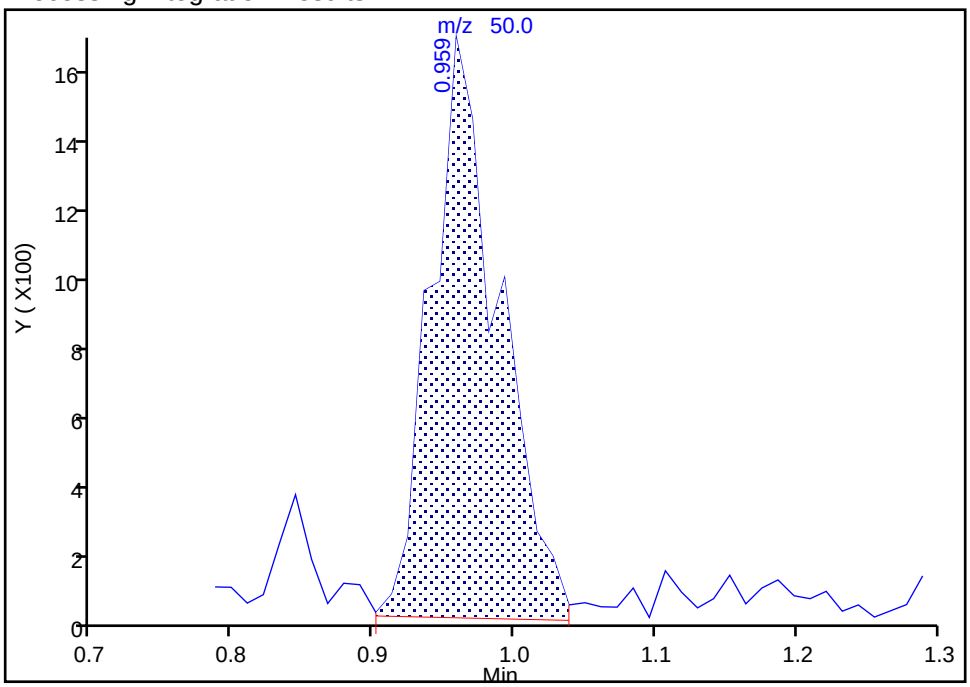
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Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

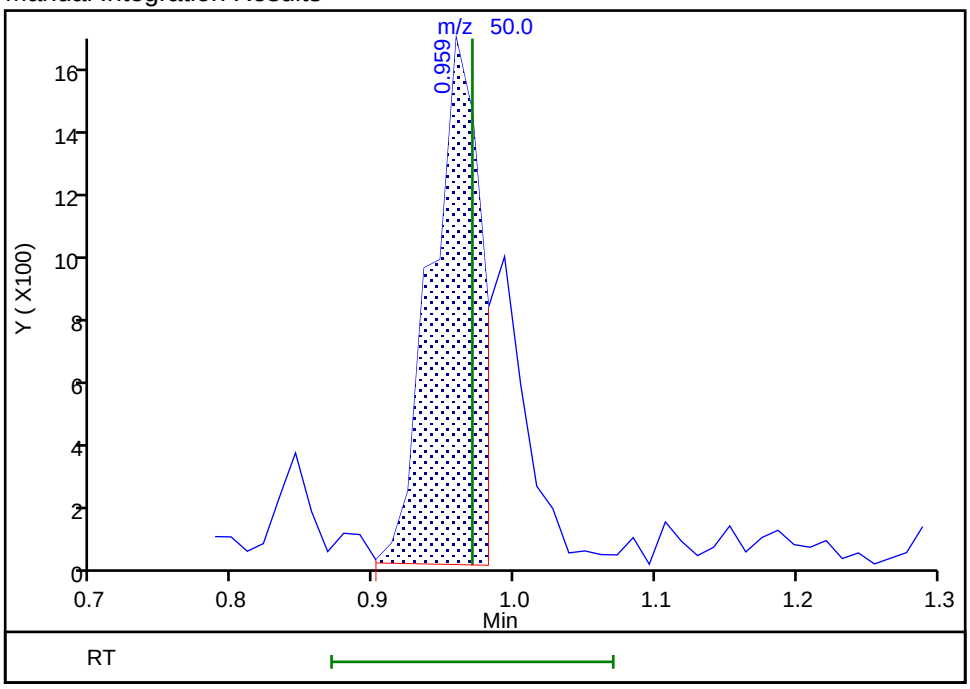
Processing Integration Results

RT: 0.96
Area: 5294
Amount: 1.555413
Amount Units: ug/l



Manual Integration Results

RT: 0.96
Area: 3974
Amount: 0.987426
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:29:49
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

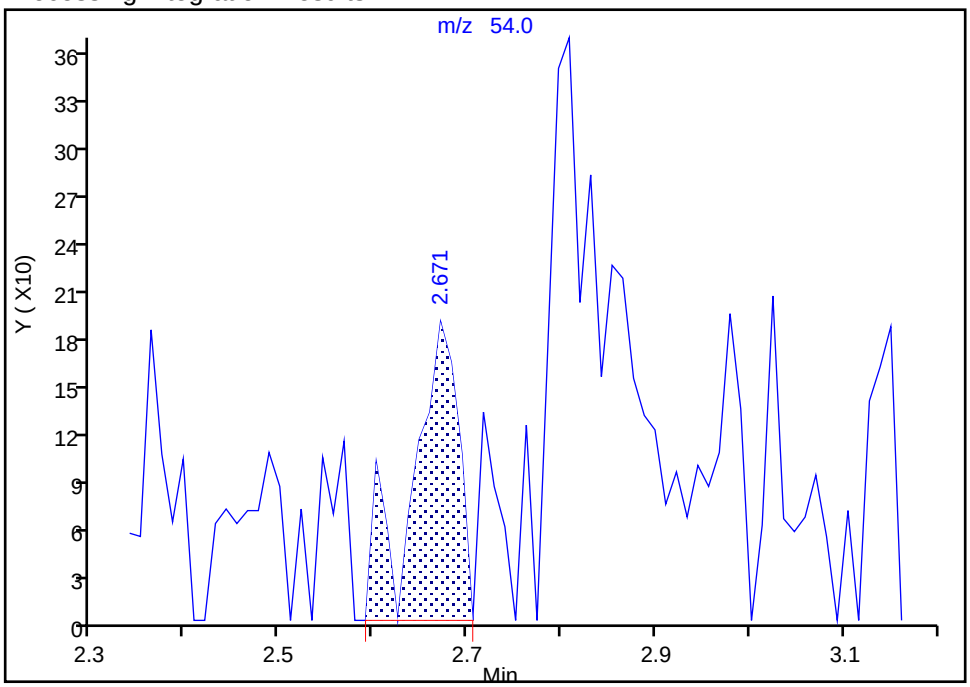
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Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Signal: 1

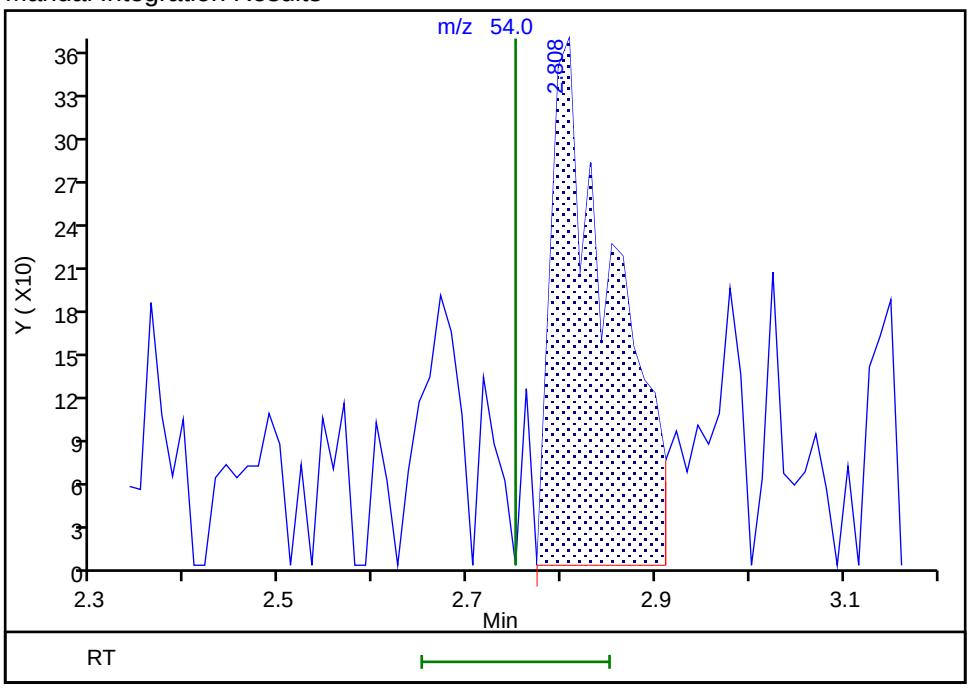
Processing Integration Results

RT: 2.67
Area: 623
Amount: 2.600510
Amount Units: ug/l



Manual Integration Results

RT: 2.81
Area: 1641
Amount: 8.114734
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:59:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

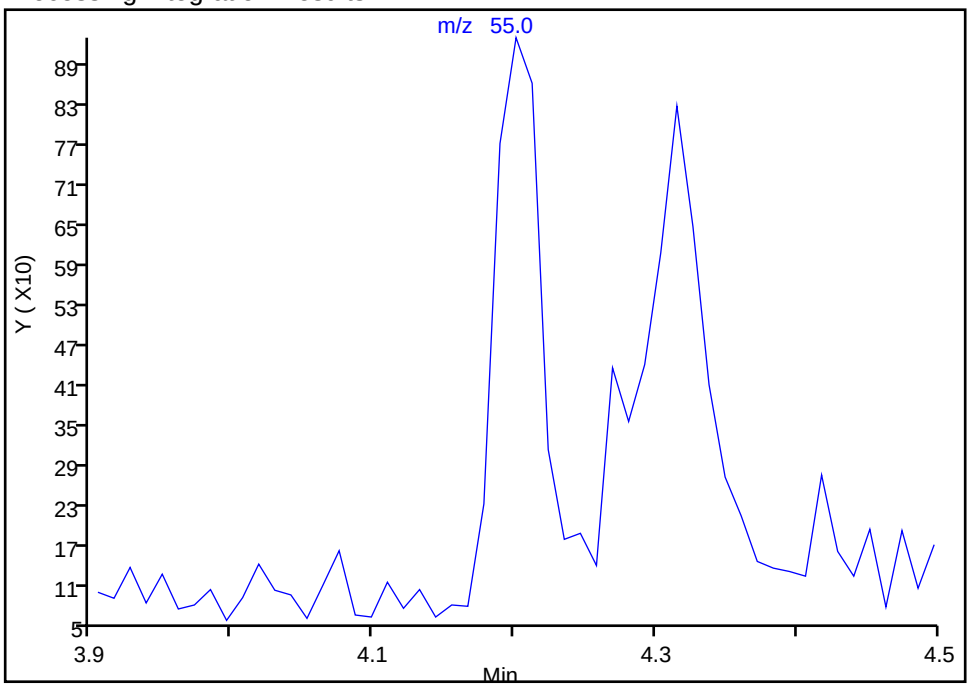
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Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

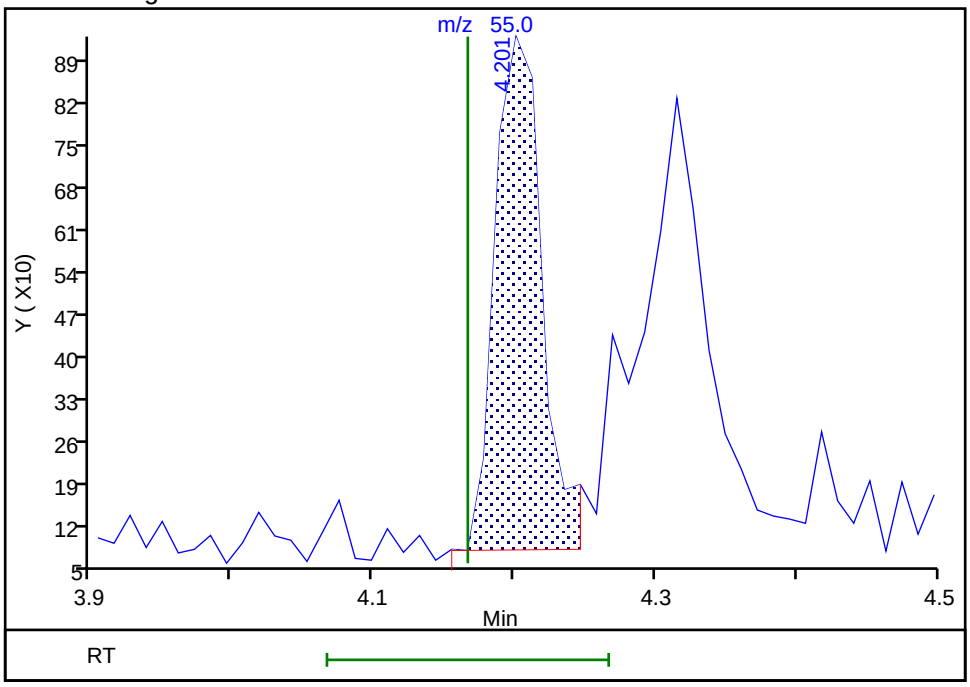
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.20
Area: 1993
Amount: 1.022819
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:31:07
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

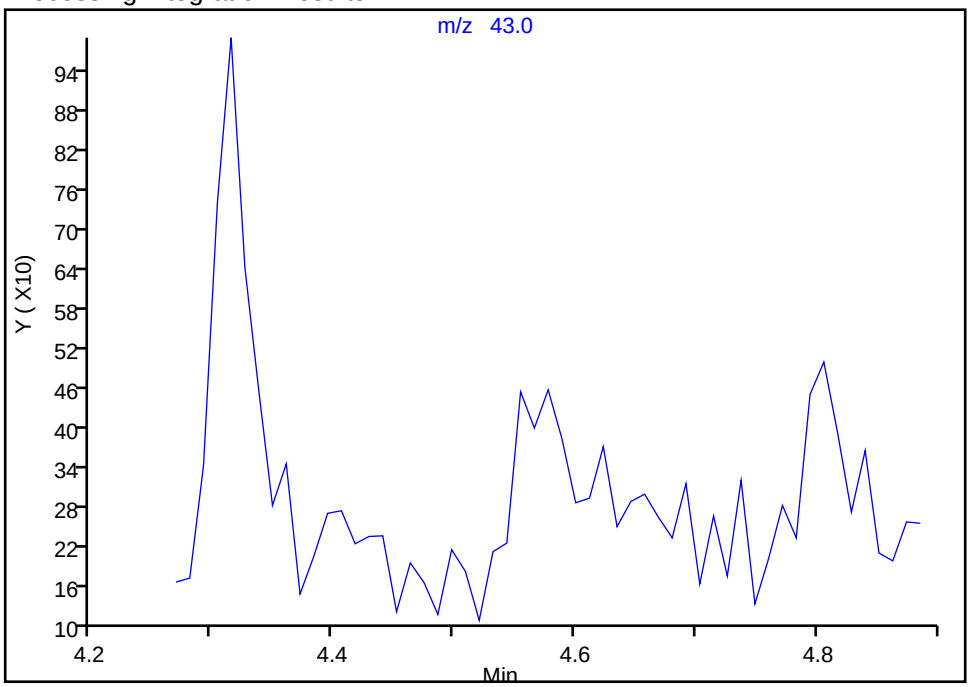
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Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

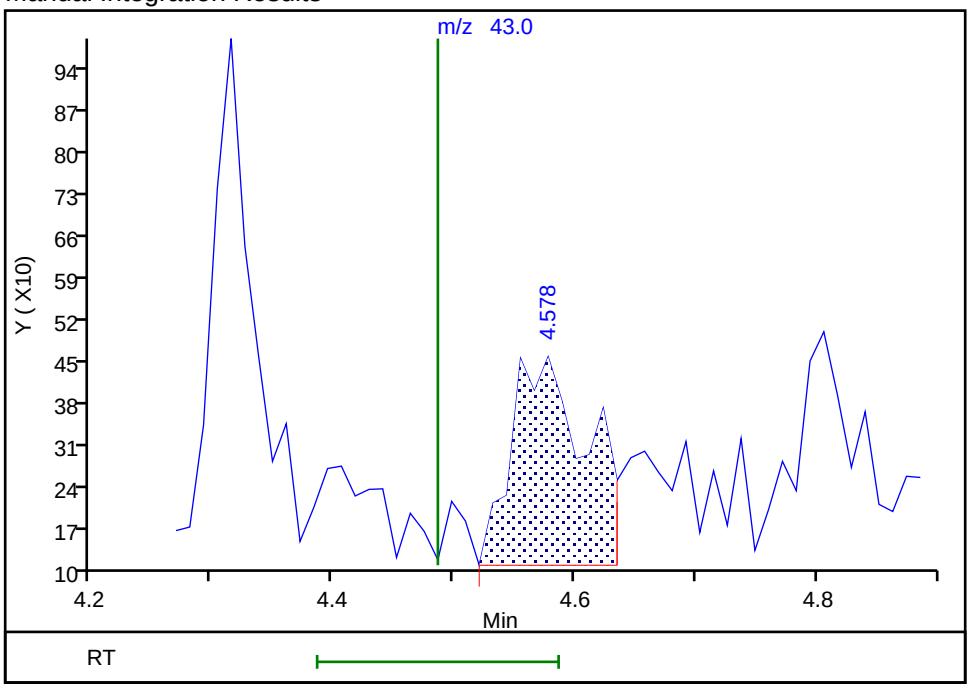
Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results

RT: 4.58
Area: 1541
Amount: 0.699398
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:31:23
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

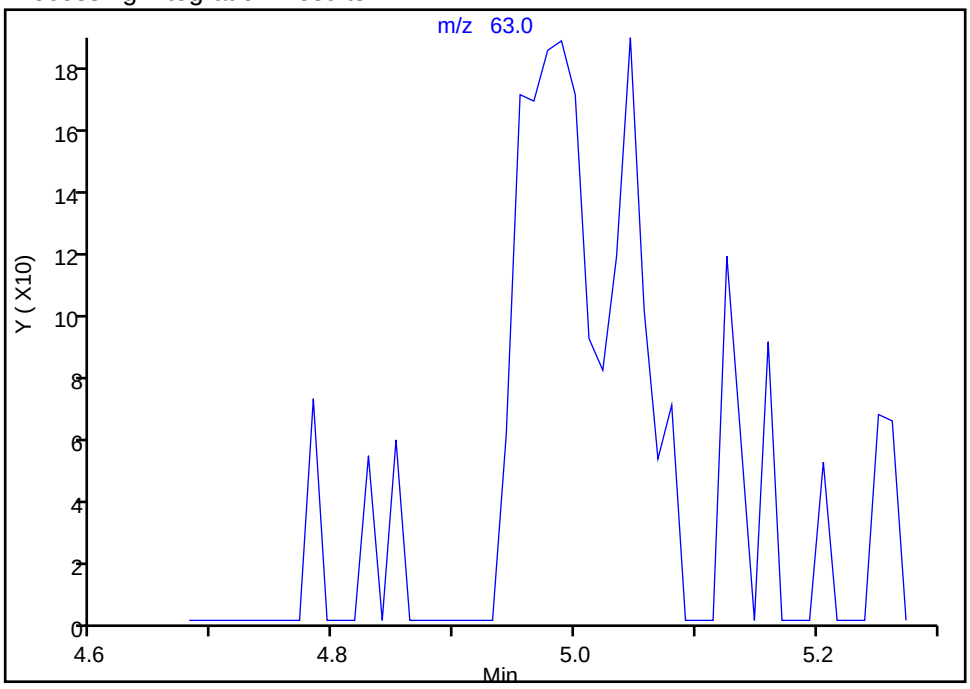
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Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

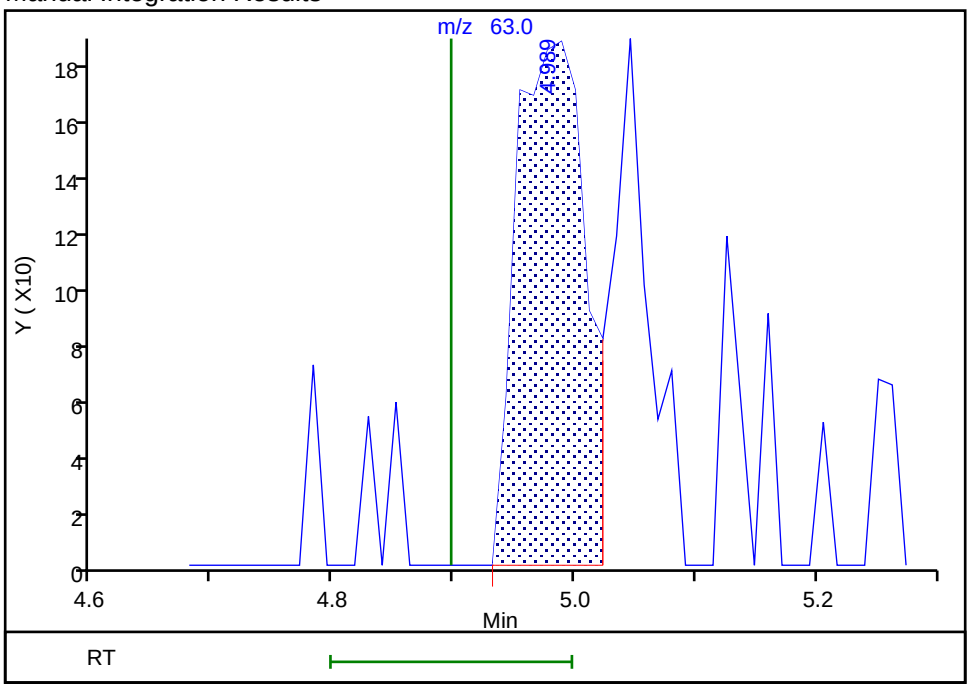
Not Detected
Expected RT: 4.90

Processing Integration Results



Manual Integration Results

RT: 4.99
Area: 744
Amount: 0.468946
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:31:42
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

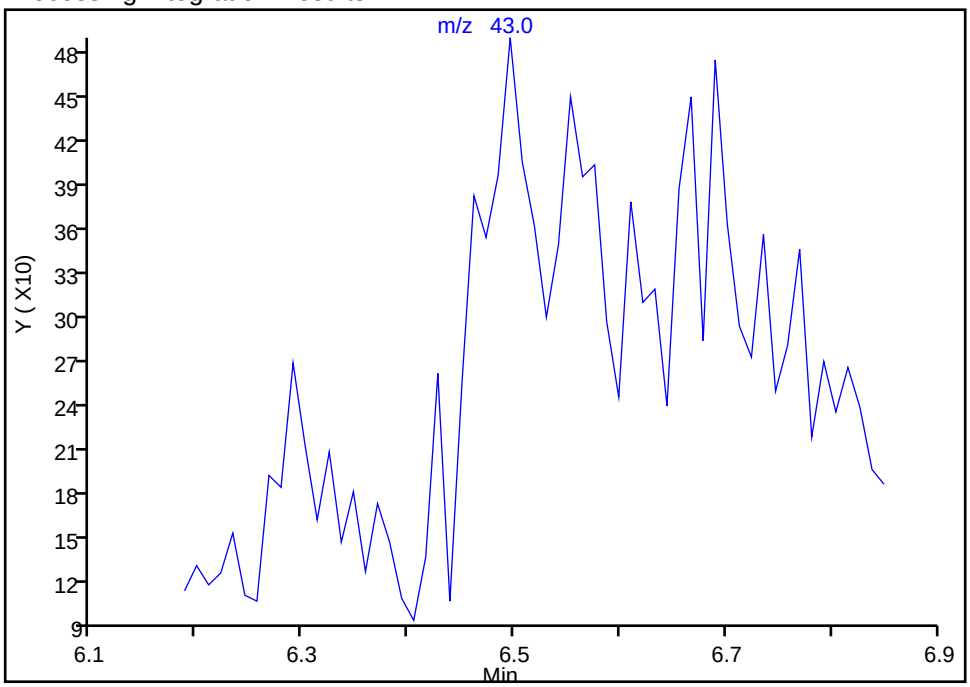
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Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Signal: 1

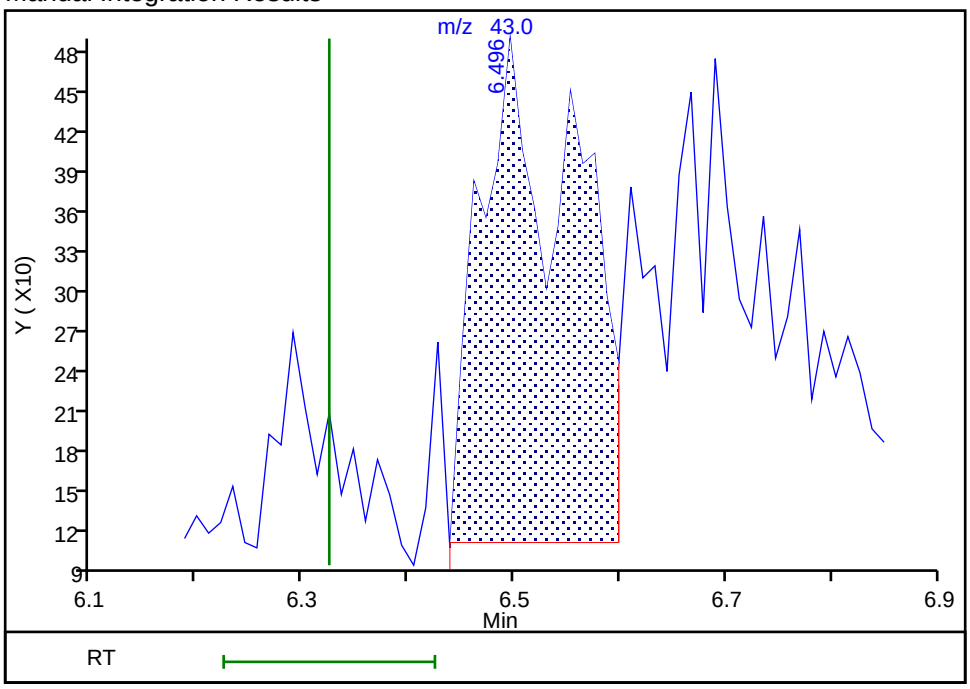
Not Detected
Expected RT: 6.32

Processing Integration Results



Manual Integration Results

RT: 6.50
Area: 2405
Amount: 2.491989
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:39:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

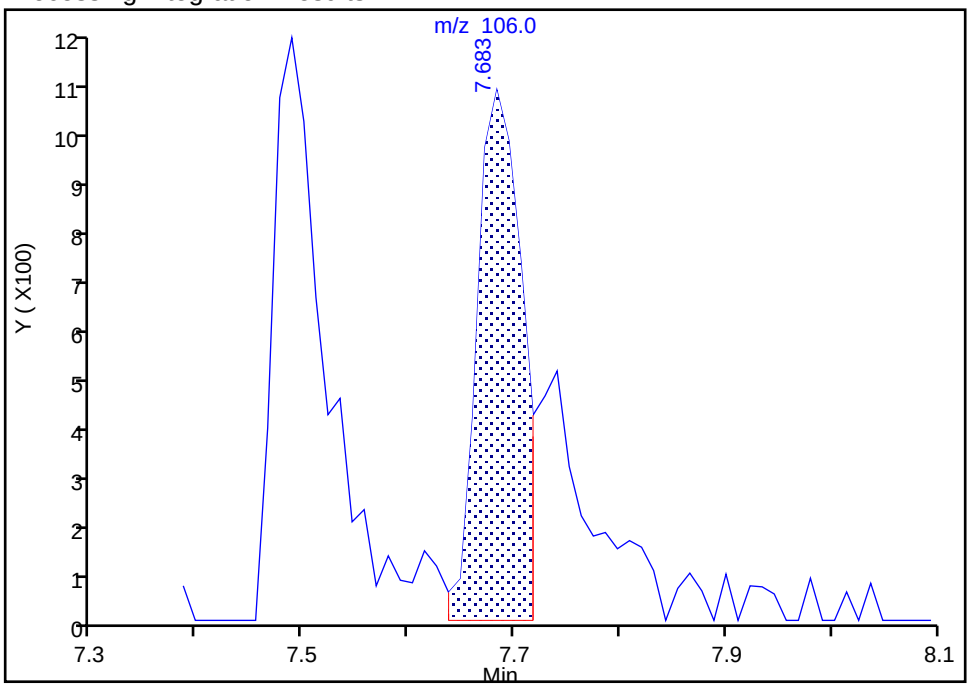
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Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

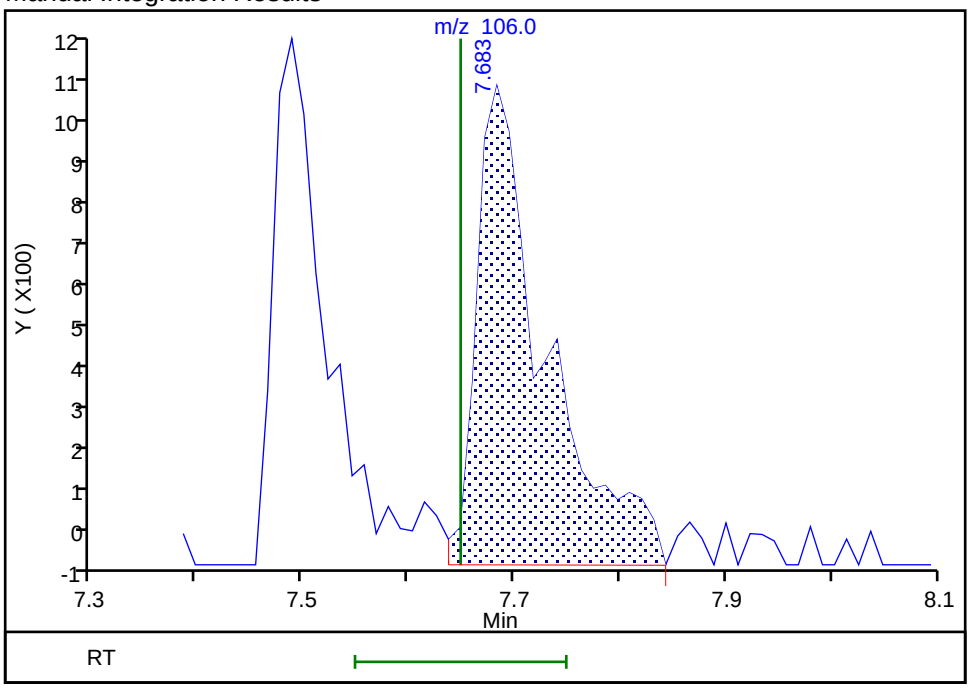
Processing Integration Results

RT: 7.68
Area: 3128
Amount: 0.745495
Amount Units: ug/l



Manual Integration Results

RT: 7.68
Area: 4725
Amount: 1.058934
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:32:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

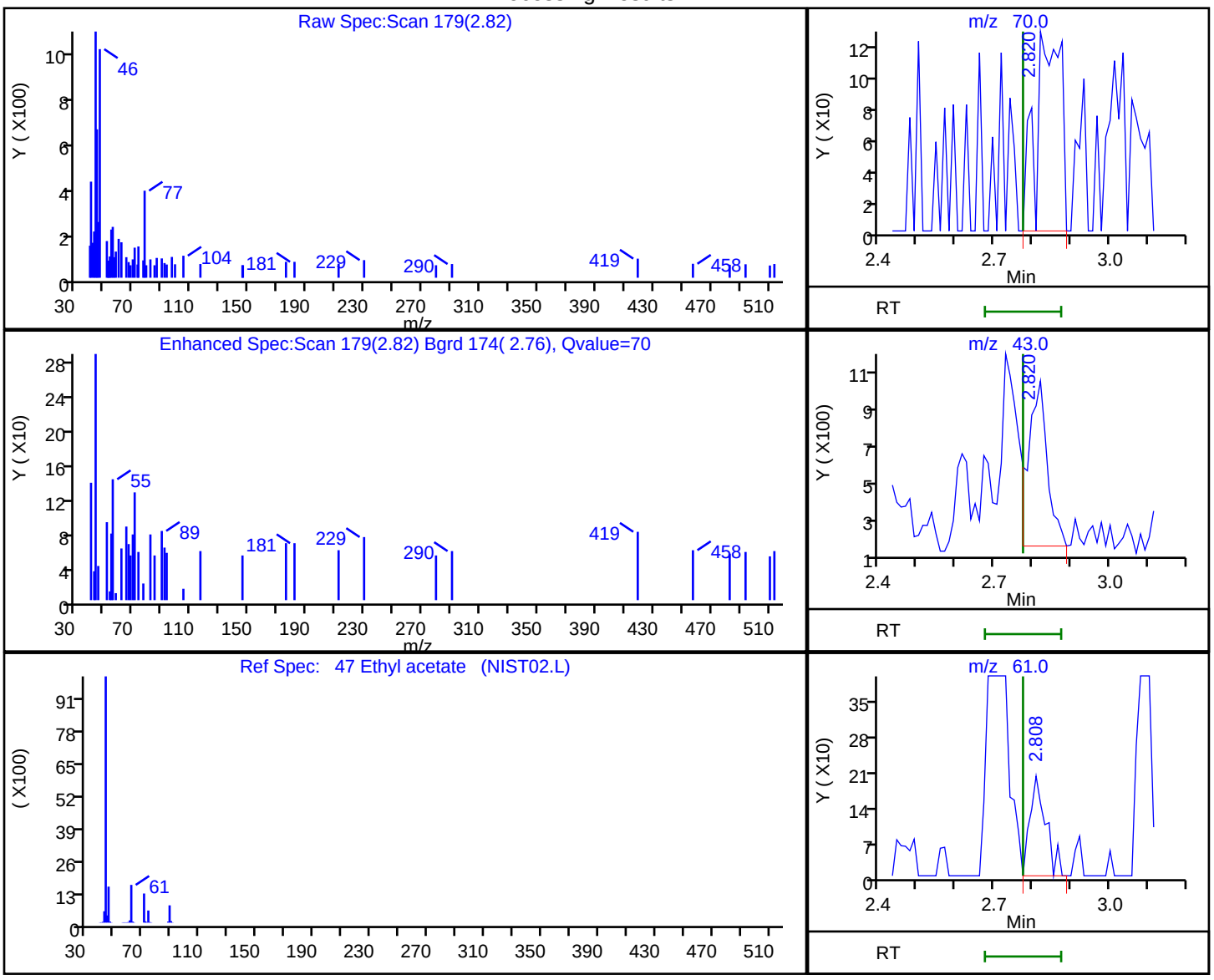
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82142.d
Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.82	70.00	558	3.690027
2.82	43.00	2882	
2.81	61.00	574	

Reviewer: W9CM, 04-Oct-2022 16:52:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

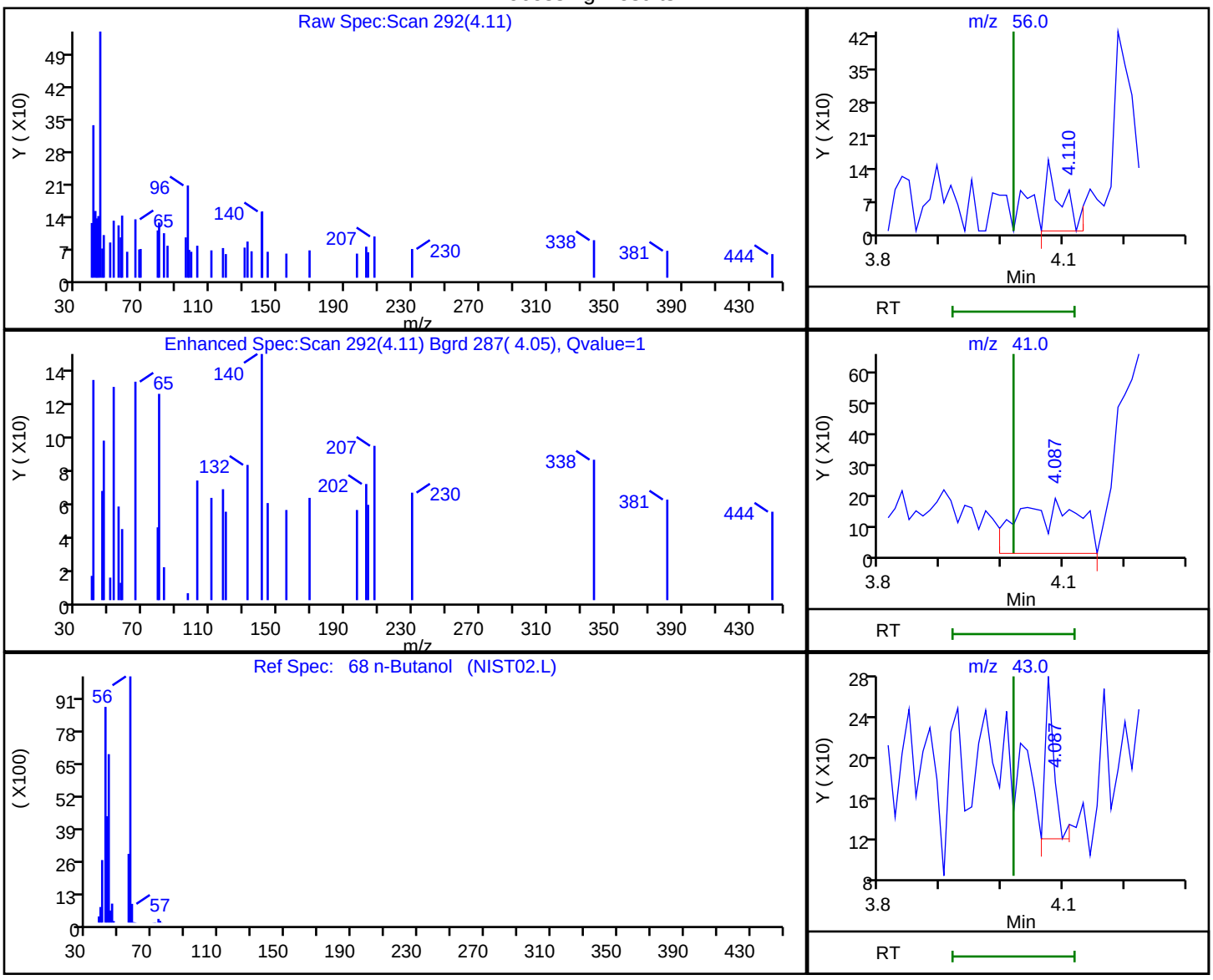
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82142.d
Injection Date: 03-Oct-2022 21:38:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.11	56.00	280	6.092829
4.09	41.00	1213	
4.09	43.00	156	

Reviewer: W9CM, 04-Oct-2022 16:52:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82143.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Oct-2022 22:04:30 ALS Bottle#: 25 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0151211-005
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:16:27 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 03-Oct-2022 22:23:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	85	5010	5.00	4.72	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	18800	5.00	5.16	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	96	3459	5.00	5.53	
6 Chloromethane	50	0.959	0.970	-0.011	98	16019	5.00	5.21	
7 Vinyl chloride	62	0.981	0.981	0.000	97	15684	5.00	5.21	
8 Butadiene	54	0.993	0.993	0.000	93	12714	5.00	4.81	
9 Bromomethane	94	1.141	1.141	0.000	97	12103	5.00	5.56	
10 Chloroethane	64	1.187	1.187	0.000	98	10130	5.00	5.15	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	25398	5.00	4.85	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	96	23359	5.00	4.95	
13 Pentane	57	1.358	1.358	0.000	94	5422	10.0	11.1	
14 Ethanol	46	1.415	1.415	0.000	63	2325	200.0	186.3	
15 Ethyl ether	59	1.472	1.461	0.011	92	8446	5.00	4.75	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	86	12935	5.00	4.82	
17 2-Methyl-1,3-butadiene	53	1.484	1.472	0.012	93	9279	5.00	4.31	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.507	0.000	95	18074	5.00	4.96	
19 Acrolein	56	1.529	1.529	0.000	27	3096	20.0	15.8	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	96	12295	5.00	4.92	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	95	12310	5.00	5.00	
22 Acetone	58	1.621	1.609	0.012	86	2806	25.0	20.7	
23 Iodomethane	142	1.666	1.666	0.000	97	18231	5.00	4.20	
25 Carbon disulfide	76	1.701	1.701	0.000	100	42954	5.00	5.19	
24 Isopropyl alcohol	45	1.701	1.701	0.000	94	2878	50.0	33.7	
26 Acetonitrile	38	1.792	1.781	0.011	78	4132	50.0	46.1	
27 3-Chloro-1-propene	76	1.792	1.781	0.011	92	9080	5.00	5.25	
28 Methyl acetate	43	1.815	1.803	0.012	97	6114	10.0	7.27	
29 Cyclopentene	67	1.838	1.838	0.000	96	27187	5.00	4.68	
30 Methylene Chloride	84	1.861	1.861	0.000	89	15117	5.00	4.87	
* 31 TBA-d9 (IS)	65	1.872	1.883	-0.011	99	140387	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	79	8420	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.009	1.998	0.011	94	22877	50.0	37.4	
34 trans-1,2-Dichloroethene	96	2.032	2.020	0.012	73	13442	5.00	4.77	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	33186	5.00	4.88	
36 Hexane	57	2.214	2.214	0.000	93	8813	5.00	4.75	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	99	23153	5.00	4.91	
38 Vinyl acetate	86	2.363	2.340	0.023	77	1261	10.0	8.35	
39 Isopropyl ether	45	2.351	2.351	0.000	85	35248	5.00	4.93	
40 2-Chloro-1,3-butadiene	88	2.363	2.351	0.012	89	12350	5.00	4.69	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	94	36962	5.00	4.80	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	135102	250.0	250.0	
44 2,2-Dichloropropane	97	2.705	2.694	0.011	90	4093	5.00	5.23	
45 cis-1,2-Dichloroethene	96	2.705	2.694	0.011	97	14730	5.00	4.71	
46 2-Butanone (MEK)	72	2.728	2.717	0.011	90	4659	25.0	23.9	
42 Propionitrile	54	2.774	2.751	0.023	72	9927	50.0	44.0	
47 Ethyl acetate	70	2.785	2.774	0.011	99	2182	10.0	11.6	
48 Methyl acrylate	55	2.820	2.797	0.023	69	7770	5.00	4.55	
50 Methacrylonitrile	67	2.877	2.865	0.012	88	32529	50.0	44.1	
49 Chlorobromomethane	128	2.877	2.877	0.000	64	8384	5.00	5.08	
51 Tetrahydrofuran	42	2.934	2.922	0.012	30	3673	10.0	9.31	
52 Chloroform	83	2.945	2.945	0.000	99	23243	5.00	4.82	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	97	124639	50.0	46.4	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	96	21960	5.00	4.87	
55 Cyclohexane	84	3.139	3.139	0.000	86	16889	5.00	5.07	
56 Carbon tetrachloride	117	3.231	3.231	0.000	94	17790	5.00	4.75	
57 1,1-Dichloropropene	75	3.242	3.231	0.011	96	18235	5.00	5.01	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	125756	50.0	46.9	
61 Isobutyl alcohol	43	3.402	3.368	0.034	35	4684	125.0	81.8	Ma
59 Benzene	78	3.402	3.402	0.000	96	54222	5.00	5.13	
60 1,2-Dichloroethane	62	3.425	3.413	0.012	96	16862	5.00	4.75	
62 Isooctane	57	3.505	3.505	0.000	94	17139	5.00	4.36	
63 Isopropyl acetate	61	3.527	3.516	0.011	75	3544	5.00	4.65	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	90	37553	5.00	4.83	
* 65 Fluorobenzene	96	3.664	3.664	0.000	99	530585	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	84	6682	5.00	5.25	
67 Trichloroethene	95	4.018	4.007	0.011	95	16675	5.00	5.13	
69 Ethyl acrylate	55	4.201	4.167	0.034	93	17197	5.00	4.38	
70 Methylcyclohexane	83	4.201	4.201	0.000	90	13525	5.00	4.79	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	13374	5.00	5.01	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	27038	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	90	7167	5.00	4.18	
74 1,4-Dioxane	88	4.395	4.384	0.011	89	3169	100.0	108.9	
75 Methyl methacrylate	100	4.418	4.395	0.023	83	6505	10.0	9.58	
76 n-Propyl acetate	43	4.509	4.486	0.023	68	9835	5.00	4.15	
77 Dichlorobromomethane	83	4.532	4.521	0.011	99	17057	5.00	4.75	
78 2-Nitropropane	41	4.783	4.772	0.011	92	4107	10.0	8.02	
79 2-Chloroethyl vinyl ether	63	4.920	4.897	0.023	87	5087	5.01	2.98	
80 Epichlorohydrin	57	4.955	4.932	0.023	97	15227	100.0	91.2	
81 cis-1,3-Dichloropropene	75	5.046	5.034	0.012	92	20418	5.00	4.83	
82 4-Methyl-2-pentanone (MIBK)	43	5.251	5.240	0.011	94	40096	25.0	25.6	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	516832	50.0	49.2	
84 Toluene	91	5.423	5.423	0.000	93	63357	5.00	5.24	
85 trans-1,3-Dichloropropene	75	5.742	5.719	0.023	97	16855	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
86 Ethyl methacrylate	69	5.925	5.902	0.023	86	14841	5.00	4.84	
87 1,1,2-Trichloroethane	83	5.948	5.936	0.012	92	8974	5.00	4.54	
88 Tetrachloroethene	166	6.108	6.096	0.012	97	14421	5.00	5.15	
89 1,3-Dichloropropane	76	6.153	6.142	0.011	92	21006	5.00	5.20	
90 2-Hexanone	43	6.347	6.325	0.022	95	20498	25.0	18.4	
91 Chlorodibromomethane	129	6.427	6.427	0.000	98	12248	5.00	4.61	
93 Ethylene Dibromide	107	6.553	6.541	0.012	100	12529	5.00	4.84	
92 n-Butyl acetate	43	6.610	6.553	0.057	93	11166	5.00	3.95	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	85	417493	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	97	44049	5.00	5.01	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	93	12888	5.00	4.62	
97 Ethylbenzene	106	7.478	7.466	0.012	97	19937	5.00	4.93	
98 m-Xylene & p-Xylene	106	7.660	7.649	0.011	99	24995	5.00	4.94	
99 o-Xylene	106	8.231	8.220	0.011	95	26095	5.00	5.10	
100 Styrene	104	8.265	8.254	0.011	98	40383	5.00	4.80	
101 n-Butyl acrylate	73	8.380	8.323	0.057	96	7328	5.00	4.12	
102 Bromoform	173	8.471	8.460	0.011	94	6423	5.00	3.76	
103 Amyl acetate (mixed isomers)	43	8.756	8.711	0.045	91	10664	5.00	3.50	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	51658	5.00	4.84	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	150829	50.0	46.7	
106 Bromobenzene	156	9.213	9.190	0.023	94	16689	5.00	5.28	
107 1,1,2,2-Tetrachloroethane	83	9.339	9.327	0.012	97	12256	5.00	4.91	
108 1,2,3-Trichloropropane	75	9.350	9.339	0.011	94	11059	5.00	5.03	
109 trans-1,4-Dichloro-2-butene	75	9.464	9.430	0.034	87	3703	5.00	4.03	
110 N-Propylbenzene	91	9.487	9.476	0.011	100	47797	5.00	5.08	
111 2-Chlorotoluene	91	9.556	9.544	0.012	95	43210	5.00	5.40	
112 4-Ethyltoluene	105	9.693	9.681	0.012	99	44114	5.00	4.85	
113 4-Chlorotoluene	91	9.750	9.727	0.023	96	39981	5.00	5.99	
114 1,3,5-Trimethylbenzene	105	9.807	9.795	0.012	93	42386	5.00	5.49	
115 Butyl Methacrylate	87	10.115	10.092	0.023	89	12053	5.00	4.27	
116 tert-Butylbenzene	119	10.309	10.298	0.011	94	30599	5.00	5.04	
117 1,2,4-Trimethylbenzene	105	10.400	10.389	0.011	97	41569	5.00	5.22	
118 sec-Butylbenzene	105	10.674	10.674	0.000	98	36861	5.00	4.76	
119 1,3-Dichlorobenzene	146	10.777	10.754	0.023	97	26697	5.00	5.10	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	210579	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.926	10.914	0.012	94	30277	5.00	5.37	
122 4-Isopropyltoluene	119	10.960	10.948	0.012	98	34734	5.00	5.27	
123 1,2,3-Trimethylbenzene	105	11.063	11.051	0.012	98	44685	5.00	5.04	
124 Benzyl chloride	126	11.200	11.165	0.035	98	3356	5.00	4.22	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	47212	5.00	4.90	
126 1,2-Dichlorobenzene	146	11.439	11.428	0.011	96	28344	5.00	5.38	
127 p-Diethylbenzene	119	11.508	11.496	0.012	95	17846	5.00	5.06	
128 n-Butylbenzene	92	11.531	11.519	0.012	98	13872	5.00	5.00	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.204	0.012	92	2834	5.00	4.64	M
130 1,2,4,5-Tetramethylbenzene	119	12.239	12.227	0.011	97	37978	5.00	5.36	
131 1,3,5-Trichlorobenzene	180	12.387	12.376	0.011	97	13390	5.00	5.06	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	13187	5.00	5.48	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	94	4223	5.00	5.05	
134 Naphthalene	128	12.958	12.946	0.012	99	33886	5.00	4.97	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	11890	5.00	5.38	
S 137 1,2-Dichloroethene, Total	100				0		10.0	9.48	
S 138 Xylenes, Total	100				0		10.0	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		25.0	25.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added: 1.00	Units: uL	
8260MIX1COMB_00160	Amount Added: 10.00	Units: uL	
ACROLEIN W_00144	Amount Added: 4.00	Units: uL	
524freon_00058	Amount Added: 10.00	Units: uL	
GASES Li_00496	Amount Added: 10.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2022 17:16:28 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82143.d

Injection Date: 03-Oct-2022 22:04:30 Instrument ID: CVOAMS12 Operator ID:

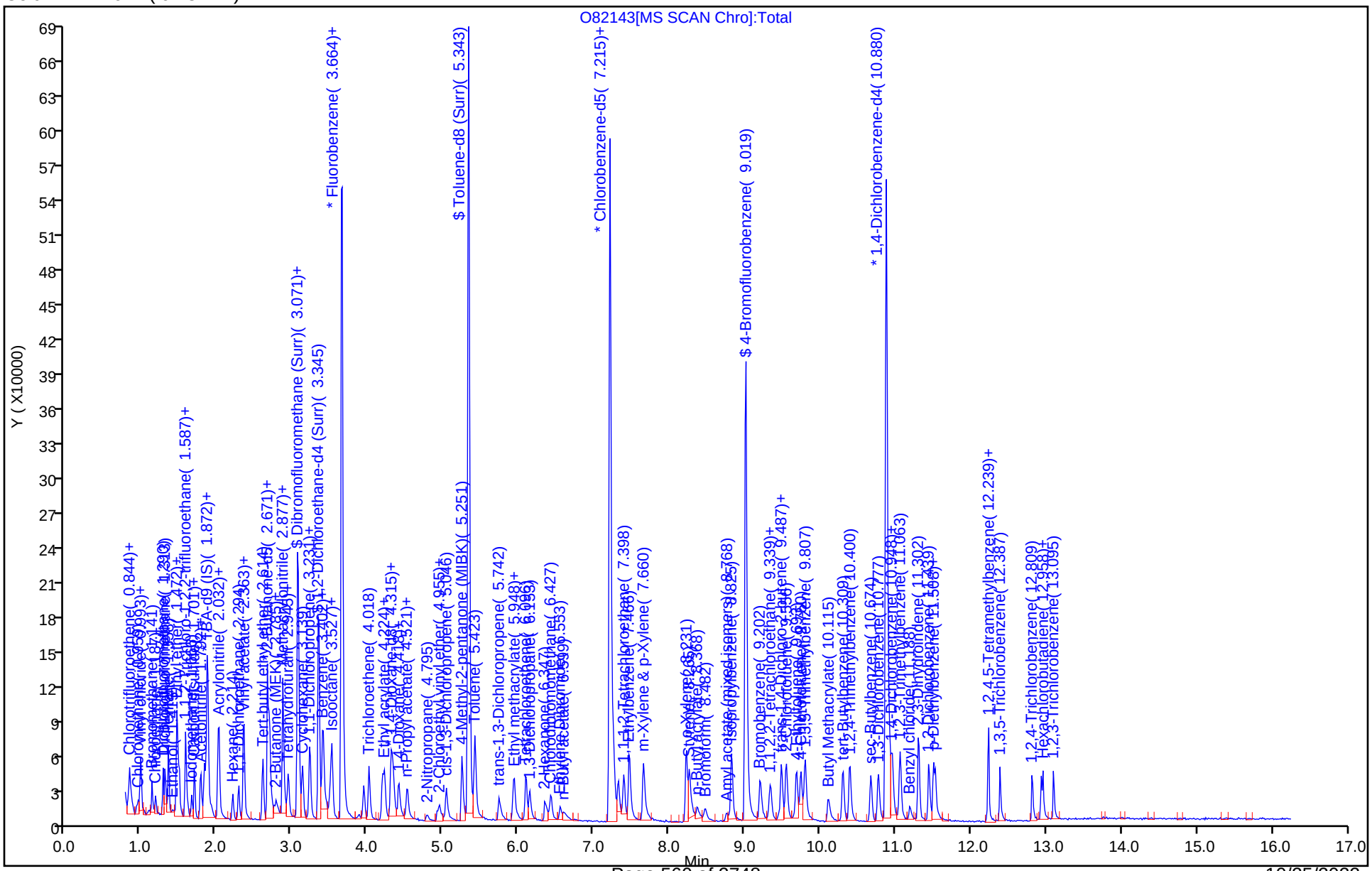
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 25

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

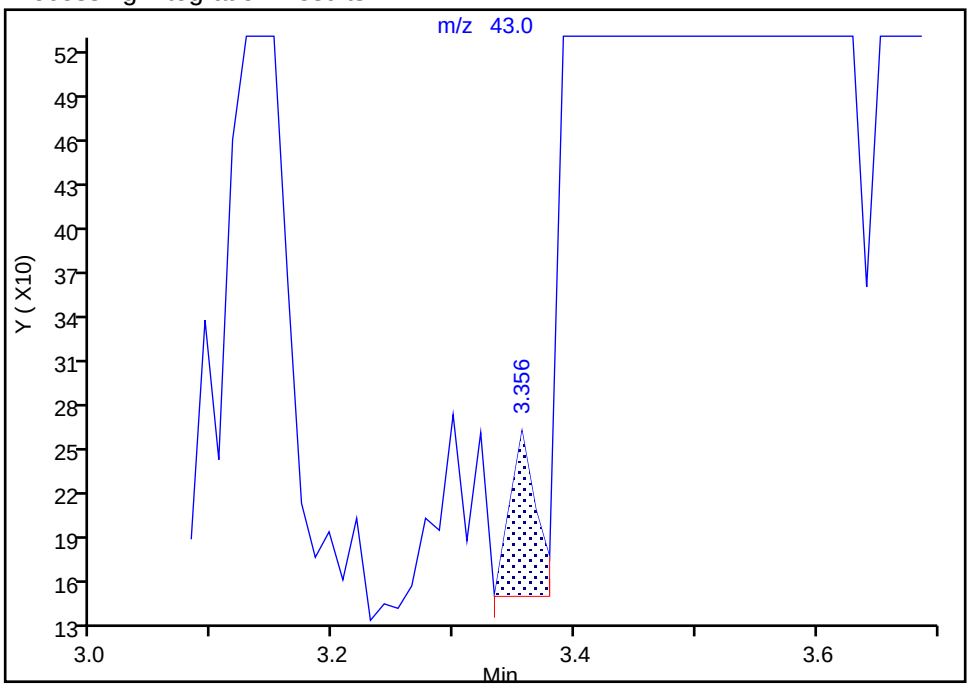
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Injection Date: 03-Oct-2022 22:04:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

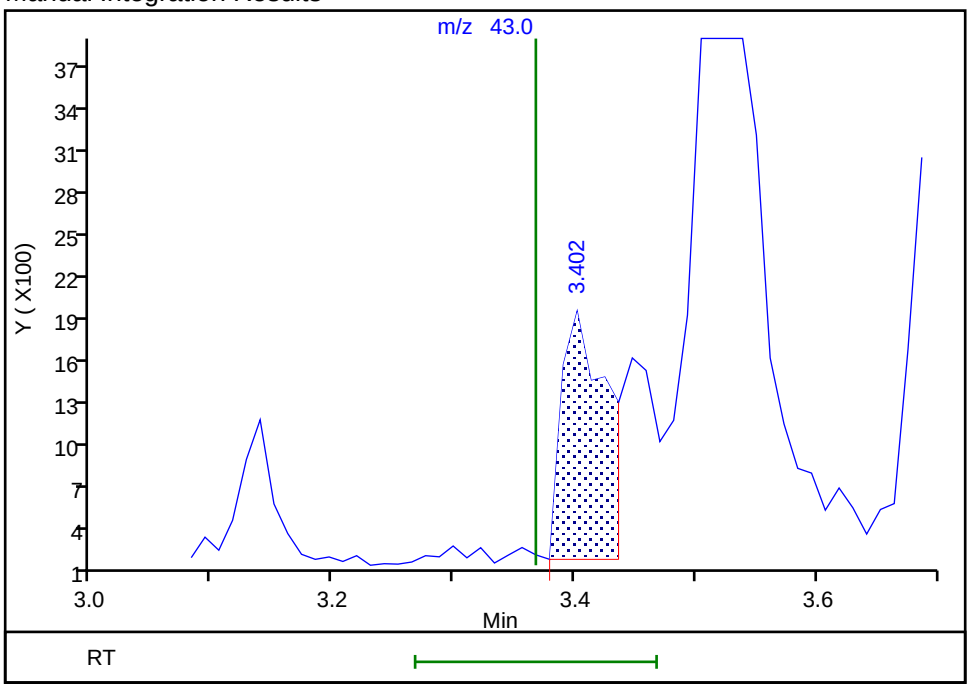
Processing Integration Results

RT: 3.36
Area: 171
Amount: 2.630900
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 4684
Amount: 81.805492
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:34:38
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison

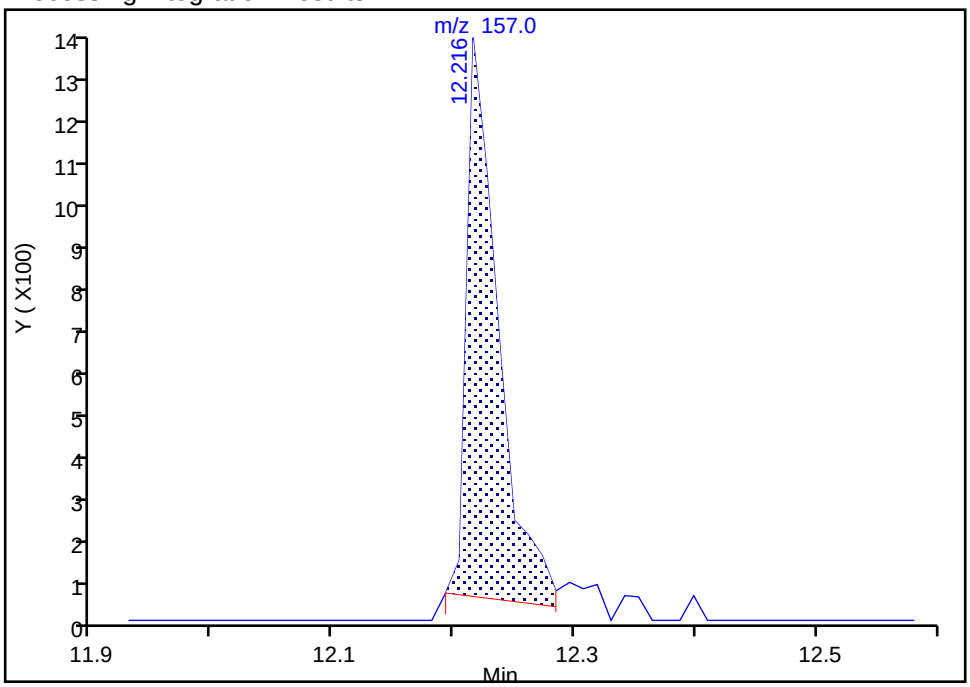
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Injection Date: 03-Oct-2022 22:04:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

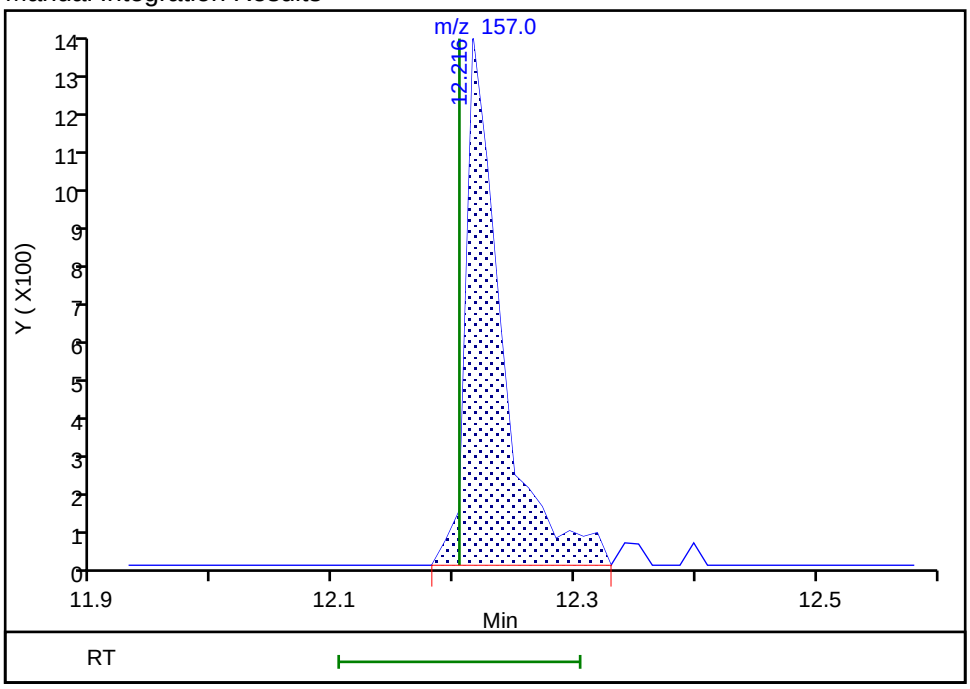
Processing Integration Results

RT: 12.22
Area: 2369
Amount: 3.978048
Amount Units: ug/l



Manual Integration Results

RT: 12.22
Area: 2834
Amount: 4.638160
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:35:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82144.d
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 03-Oct-2022 22:29:30 ALS Bottle#: 26 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0151211-006
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:16:36 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 03-Oct-2022 23:13:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	87	22392	20.0	22.8	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	76342	20.0	23.3	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	96	12050	20.0	20.0	
6 Chloromethane	50	0.959	0.959	0.000	82	62800	20.0	22.8	
7 Vinyl chloride	62	0.981	0.981	0.000	97	59991	20.0	20.6	
8 Butadiene	54	0.993	0.993	0.000	94	53801	20.0	21.1	
9 Bromomethane	94	1.141	1.141	0.000	98	42502	20.0	20.2	
10 Chloroethane	64	1.187	1.187	0.000	99	40307	20.0	21.2	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	104099	20.0	20.6	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	98	93713	20.0	20.6	
13 Pentane	57	1.358	1.358	0.000	94	17212	40.0	36.4	
14 Ethanol	46	1.415	1.415	0.000	94	9266	800.0	887.2	
15 Ethyl ether	59	1.461	1.461	0.000	88	35166	20.0	20.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	91	51670	20.0	19.9	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	94	42717	20.0	20.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	70224	20.0	19.9	
19 Acrolein	56	1.529	1.529	0.000	95	6678	40.0	40.8	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	96	48965	20.0	20.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	97	46698	20.0	19.6	
22 Acetone	58	1.609	1.609	0.000	88	12557	100.0	100.3	
23 Iodomethane	142	1.666	1.666	0.000	99	85701	20.0	20.4	
25 Carbon disulfide	76	1.701	1.701	0.000	100	166084	20.0	20.8	
24 Isopropyl alcohol	45	1.701	1.701	0.000	27	14723	200.0	206.0	
26 Acetonitrile	38	1.781	1.781	0.000	79	17587	200.0	237.6	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	91	33955	20.0	20.3	
28 Methyl acetate	43	1.803	1.803	0.000	97	28643	40.0	40.7	
29 Cyclopentene	67	1.838	1.838	0.000	97	109418	20.0	19.5	
30 Methylene Chloride	84	1.860	1.860	0.000	88	62016	20.0	20.7	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	117460	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	30357	200.0	216.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.997	1.997	0.000	94	110350	200.0	186.7	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	94	54539	20.0	20.0	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	95	134575	20.0	20.5	
36 Hexane	57	2.214	2.214	0.000	91	35114	20.0	19.6	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	100	92155	20.0	20.2	
38 Vinyl acetate	86	2.340	2.340	0.000	99	5823	40.0	41.7	
39 Isopropyl ether	45	2.351	2.351	0.000	87	146860	20.0	21.3	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	72	52008	20.0	20.4	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	153217	20.0	20.6	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	124786	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	81	15323	20.0	20.3	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	98	60316	20.0	20.0	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	100	19606	100.0	109.0	
42 Propionitrile	54	2.751	2.751	0.000	98	43156	200.0	228.7	
47 Ethyl acetate	70	2.774	2.774	0.000	99	7730	40.0	44.6	
48 Methyl acrylate	55	2.808	2.808	0.000	99	30550	20.0	18.5	
50 Methacrylonitrile	67	2.865	2.865	0.000	89	134376	200.0	188.7	
49 Chlorobromomethane	128	2.877	2.877	0.000	78	32348	20.0	20.3	
51 Tetrahydrofuran	42	2.922	2.922	0.000	90	16035	40.0	44.0	
52 Chloroform	83	2.945	2.945	0.000	99	93489	20.0	20.1	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	97	127932	50.0	49.3	
54 1,1,1-Trichloroethane	97	3.093	3.093	0.000	98	85148	20.0	19.5	
55 Cyclohexane	84	3.139	3.139	0.000	86	66958	20.0	20.8	
56 Carbon tetrachloride	117	3.230	3.230	0.000	97	72109	20.0	19.9	
57 1,1-Dichloropropene	75	3.230	3.230	0.000	96	72965	20.0	20.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	123727	50.0	47.8	
61 Isobutyl alcohol	43	3.379	3.379	0.000	98	28552	500.0	596.0	
59 Benzene	78	3.402	3.402	0.000	95	218803	20.0	21.8	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	68146	20.0	19.9	
62 Isooctane	57	3.504	3.504	0.000	95	71902	20.0	18.9	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	14884	20.0	20.2	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	156418	20.0	20.8	
* 65 Fluorobenzene	96	3.664	3.664	0.000	99	512552	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	86	24705	20.0	20.1	
67 Trichloroethene	95	4.007	4.007	0.000	96	68615	20.0	21.9	
68 n-Butanol	56	4.041	4.041	0.000	93	13921	500.0	389.3	
69 Ethyl acrylate	55	4.201	4.201	0.000	98	86546	20.0	20.5	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	58532	20.0	21.5	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	90	51927	20.0	20.1	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	25947	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	95	33235	20.0	20.1	
74 1,4-Dioxane	88	4.384	4.384	0.000	85	12944	400.0	463.7	
75 Methyl methacrylate	100	4.406	4.406	0.000	80	28965	40.0	44.1	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	48496	20.0	21.2	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	69752	20.0	20.1	
78 2-Nitropropane	41	4.783	4.783	0.000	96	18667	40.0	37.4	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	91	31561	20.0	19.1	
80 Epichlorohydrin	57	4.943	4.943	0.000	99	73480	400.0	477.0	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	92	87563	20.0	21.8	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	95	191658	100.0	132.4	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	528137	50.0	52.9	
84 Toluene	91	5.423	5.423	0.000	92	250361	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
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	97	77057	20.0	22.3	
86 Ethyl methacrylate	69	5.913	5.913	0.000	87	62427	20.0	21.4	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	95	39907	20.0	21.2	
88 Tetrachloroethene	166	6.096	6.096	0.000	94	56676	20.0	21.3	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	93	84208	20.0	21.9	
90 2-Hexanone	43	6.324	6.324	0.000	92	125543	100.0	122.4	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	53493	20.0	21.2	
93 Ethylene Dibromide	107	6.541	6.541	0.000	97	54414	20.0	22.1	
92 n-Butyl acetate	43	6.564	6.564	0.000	98	60793	20.0	22.6	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	396797	50.0	50.0	
95 Chlorobenzene	112	7.261	7.261	0.000	97	176849	20.0	21.2	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	57619	20.0	21.8	
97 Ethylbenzene	106	7.466	7.466	0.000	98	84821	20.0	22.1	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	104452	20.0	21.7	
99 o-Xylene	106	8.220	8.220	0.000	94	105800	20.0	21.8	
100 Styrene	104	8.254	8.254	0.000	96	177869	20.0	22.2	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	34696	20.0	20.5	
102 Bromoform	173	8.471	8.471	0.000	96	34121	20.0	21.0	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	92	69951	20.0	22.4	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	221609	20.0	21.8	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	163651	50.0	53.3	
106 Bromobenzene	156	9.202	9.202	0.000	93	74011	20.0	22.8	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	93	49197	20.0	19.2	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	94	48469	20.0	21.5	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	93	20277	20.0	21.5	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	224738	20.0	23.3	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	168281	20.0	20.5	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	199259	20.0	21.4	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	142857	20.0	20.9	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	171261	20.0	21.6	
115 Butyl Methacrylate	87	10.092	10.092	0.000	89	62604	20.0	21.6	
116 tert-Butylbenzene	119	10.298	10.298	0.000	94	133331	20.0	21.4	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	181397	20.0	22.2	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	165936	20.0	20.9	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	97	119453	20.0	22.3	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	216137	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	122883	20.0	21.2	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	145803	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	194124	20.0	21.3	
124 Benzyl chloride	126	11.177	11.177	0.000	100	16913	20.0	20.7	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	215132	20.0	21.7	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	97	120385	20.0	22.3	
127 p-Diethylbenzene	119	11.496	11.496	0.000	96	79077	20.0	21.9	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	63901	20.0	22.4	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	93	13516	20.0	21.6	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	158666	20.0	21.8	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	58654	20.0	21.6	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	54154	20.0	21.9	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	96	17728	20.0	20.6	
134 Naphthalene	128	12.946	12.946	0.000	99	170247	20.0	24.3	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	50906	20.0	22.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	43.5	
S 139 Total BTEX	1				0		100.0	109.1	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
ACROLEIN W_00144	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00496	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

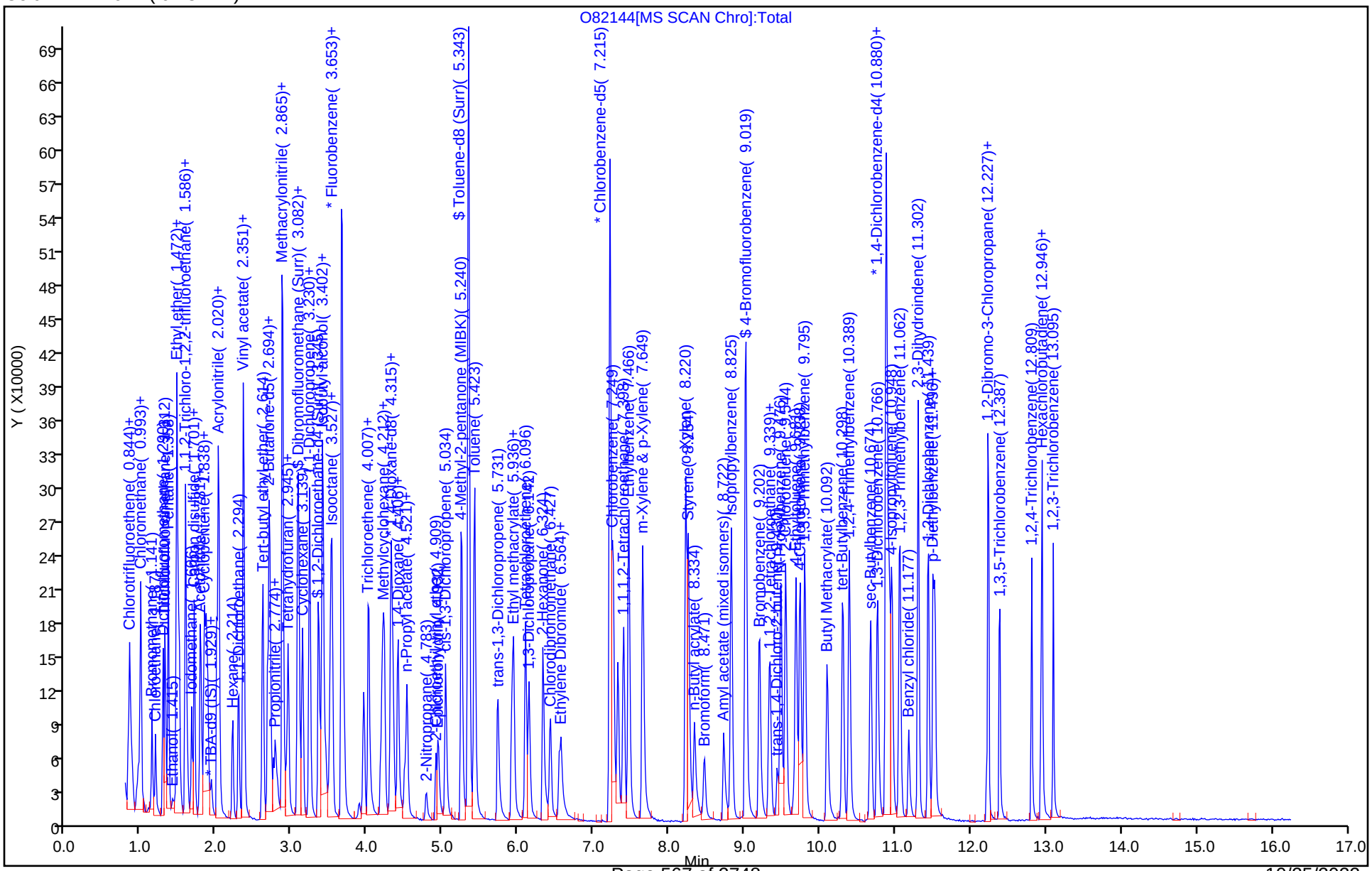
Report Date: 04-Oct-2022 17:16:37 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82144.d

Injection Date:	03-Oct-2022 22:29:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82145.d
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Oct-2022 22:54:30 ALS Bottle#: 27 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0151211-007
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:16:44 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 03-Oct-2022 23:19:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	86	61916	50.0	48.5	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	149601	50.0	44.7	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	68	22133	50.0	35.5	
6 Chloromethane	50	0.970	0.970	0.000	82	122855	50.0	43.6	
7 Vinyl chloride	62	0.981	0.981	0.000	98	126082	50.0	41.9	
8 Butadiene	54	0.993	0.993	0.000	95	110040	50.0	41.7	
9 Bromomethane	94	1.141	1.141	0.000	99	92661	50.0	42.6	
10 Chloroethane	64	1.187	1.187	0.000	99	85120	50.0	43.4	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	229416	50.0	43.9	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	98	210559	50.0	44.7	
13 Pentane	57	1.358	1.358	0.000	95	50115	100.0	102.4	
14 Ethanol	46	1.415	1.415	0.000	97	23789	2000.0	1929.9	
15 Ethyl ether	59	1.461	1.461	0.000	91	89184	50.0	50.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	92	133896	50.0	50.0	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	94	111276	50.0	51.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.507	0.000	95	183608	50.0	50.4	
19 Acrolein	56	1.529	1.529	0.000	97	18953	100.0	98.2	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	96	119496	50.0	47.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	97	117686	50.0	47.9	
22 Acetone	58	1.609	1.609	0.000	88	36179	250.0	221.9	
23 Iodomethane	142	1.666	1.666	0.000	98	231124	50.0	53.4	
25 Carbon disulfide	76	1.701	1.701	0.000	100	394280	50.0	47.7	
24 Isopropyl alcohol	45	1.701	1.701	0.000	97	42051	500.0	498.5	
26 Acetonitrile	38	1.781	1.781	0.000	80	41624	500.0	485.1	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	91	82379	50.0	47.7	
28 Methyl acetate	43	1.803	1.803	0.000	98	78464	100.0	94.5	
29 Cyclopentene	67	1.838	1.838	0.000	95	289914	50.0	50.0	
30 Methylene Chloride	84	1.861	1.861	0.000	87	145041	50.0	46.8	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	138636	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	73875	500.0	445.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.998	1.998	0.000	93	285449	500.0	467.2	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	91	132506	50.0	47.1	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	329851	50.0	48.6	
36 Hexane	57	2.214	2.214	0.000	91	88115	50.0	47.5	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	100	224041	50.0	47.6	
38 Vinyl acetate	86	2.340	2.340	0.000	100	19905	100.0	109.5	
39 Isopropyl ether	45	2.351	2.351	0.000	91	370029	50.0	51.8	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	79	141447	50.0	53.7	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	90	402287	50.0	52.3	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	162485	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	77	36580	50.0	46.8	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	97	148632	50.0	47.6	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	98	53349	250.0	227.8	
42 Propionitrile	54	2.751	2.751	0.000	99	119139	500.0	535.0	
47 Ethyl acetate	70	2.774	2.774	0.000	99	21647	100.0	95.9	
48 Methyl acrylate	55	2.797	2.797	0.000	99	82870	50.0	48.6	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	375417	500.0	509.9	
49 Chlorobromomethane	128	2.877	2.877	0.000	76	78568	50.0	47.6	
51 Tetrahydrofuran	42	2.922	2.922	0.000	91	39360	100.0	83.0	
52 Chloroform	83	2.945	2.945	0.000	99	234423	50.0	48.7	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	97	132977	50.0	49.6	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	98	211129	50.0	46.9	
55 Cyclohexane	84	3.139	3.139	0.000	86	157526	50.0	47.4	
56 Carbon tetrachloride	117	3.231	3.231	0.000	93	181633	50.0	48.6	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	93	178520	50.0	49.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	131033	50.0	49.0	
61 Isobutyl alcohol	43	3.368	3.368	0.000	98	77117	1250.0	1363.8	a
59 Benzene	78	3.402	3.402	0.000	95	532353	50.0	47.0	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	168707	50.0	47.6	
62 Isooctane	57	3.505	3.505	0.000	96	195561	50.0	49.8	
63 Isopropyl acetate	61	3.516	3.516	0.000	97	41046	50.0	53.9	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	96	397616	50.0	51.2	
* 65 Fluorobenzene	96	3.664	3.664	0.000	99	529820	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	86	58887	50.0	46.3	
67 Trichloroethene	95	4.007	4.007	0.000	96	162261	50.0	50.0	
68 n-Butanol	56	4.018	4.018	0.000	85	56926	1250.0	1348.9	
69 Ethyl acrylate	55	4.167	4.167	0.000	98	228874	50.0	51.6	a
70 Methylcyclohexane	83	4.201	4.201	0.000	94	137325	50.0	48.7	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	89	131331	50.0	49.3	
* 72 1,4-Dioxane-d8	96	4.327	4.327	0.000	0	31361	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	95	82651	50.0	48.3	
74 1,4-Dioxane	88	4.384	4.384	0.000	84	32282	1000.0	956.8	
75 Methyl methacrylate	100	4.395	4.395	0.000	82	74617	100.0	110.0	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	134014	50.0	56.7	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	179808	50.0	50.1	
78 2-Nitropropane	41	4.772	4.772	0.000	98	49638	100.0	94.8	
79 2-Chloroethyl vinyl ether	63	4.897	4.897	0.000	94	80853	50.1	47.4	
80 Epichlorohydrin	57	4.932	4.932	0.000	98	194101	1000.0	968.9	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	92	222264	50.0	49.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	95	487237	250.0	258.5	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	537566	50.0	47.8	
84 Toluene	91	5.423	5.423	0.000	93	595638	50.0	46.0	

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	5.719	5.719	0.000	97	204221	50.0	52.4	
86 Ethyl methacrylate	69	5.902	5.902	0.000	87	166673	50.0	50.8	a
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	100133	50.0	47.3	
88 Tetrachloroethene	166	6.096	6.096	0.000	97	139002	50.0	46.3	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	211605	50.0	48.9	
90 2-Hexanone	43	6.325	6.325	0.000	94	333737	250.0	251.7	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	147156	50.0	51.8	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	137630	50.0	49.6	
92 n-Butyl acetate	43	6.553	6.553	0.000	97	165865	50.0	54.8	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	447241	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	97	419901	50.0	44.6	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	96	144544	50.0	48.4	
97 Ethylbenzene	106	7.466	7.466	0.000	97	208998	50.0	48.2	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	262808	50.0	48.5	
99 o-Xylene	106	8.220	8.220	0.000	95	266507	50.0	48.6	
100 Styrene	104	8.254	8.254	0.000	96	446154	50.0	49.5	
101 n-Butyl acrylate	73	8.323	8.323	0.000	98	98924	50.0	51.9	
102 Bromoform	173	8.460	8.460	0.000	96	94051	50.0	51.3	
103 Amyl acetate (mixed isomers)	43	8.711	8.711	0.000	92	199716	50.0	54.5	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	555310	50.0	48.5	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	172328	50.0	49.8	
106 Bromobenzene	156	9.190	9.190	0.000	94	179014	50.0	47.1	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	94	132156	50.0	44.0	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	97	120403	50.0	45.6	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	94	56224	50.0	50.9	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	558659	50.0	49.4	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	436330	50.0	45.3	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	542816	50.0	49.6	
113 4-Chlorotoluene	91	9.727	9.727	0.000	96	354124	50.0	44.1	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	433223	50.0	46.7	
115 Butyl Methacrylate	87	10.092	10.092	0.000	89	183864	50.0	54.1	
116 tert-Butylbenzene	119	10.298	10.298	0.000	95	344506	50.0	47.2	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	451858	50.0	47.1	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	440657	50.0	47.3	
119 1,3-Dichlorobenzene	146	10.754	10.754	0.000	96	301112	50.0	47.9	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	253327	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	315030	50.0	46.5	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	377366	50.0	47.6	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	525990	50.0	49.3	
124 Benzyl chloride	126	11.165	11.165	0.000	99	47337	50.0	49.4	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	572171	50.0	49.3	
126 1,2-Dichlorobenzene	146	11.428	11.428	0.000	97	306094	50.0	48.3	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	210925	50.0	49.7	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	157550	50.0	47.2	
129 1,2-Dibromo-3-Chloropropane	157	12.204	12.204	0.000	94	35826	50.0	48.7	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	446576	50.0	52.4	
131 1,3,5-Trichlorobenzene	180	12.376	12.376	0.000	97	161196	50.0	50.6	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	148272	50.0	51.2	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	96	48343	50.0	48.0	
134 Naphthalene	128	12.946	12.946	0.000	99	439713	50.0	53.6	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	131927	50.0	49.7	
S 137 1,2-Dichloroethene, Total	100				0		100.0	94.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		100.0	97.1	
S 139 Total BTEX	1				0		250.0	238.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	50.00	Units: uL	
ACROLEIN W_00144	Amount Added:	10.00	Units: uL	
524freon_00058	Amount Added:	50.00	Units: uL	
GASES Li_00496	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2022 17:16:45 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82145.d

Injection Date: 03-Oct-2022 22:54:30 Instrument ID: CVOAMS12 Operator ID:

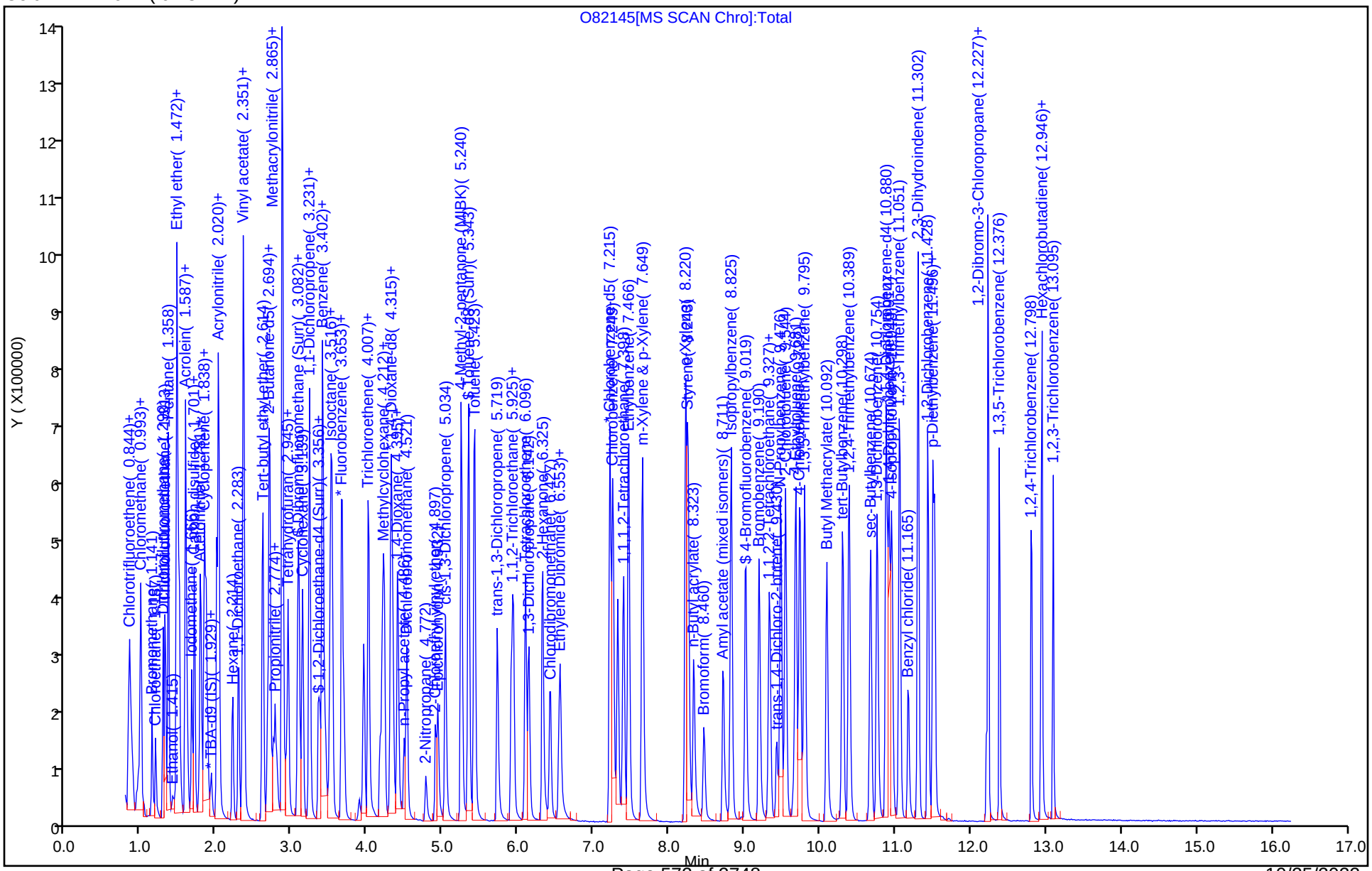
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 27

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

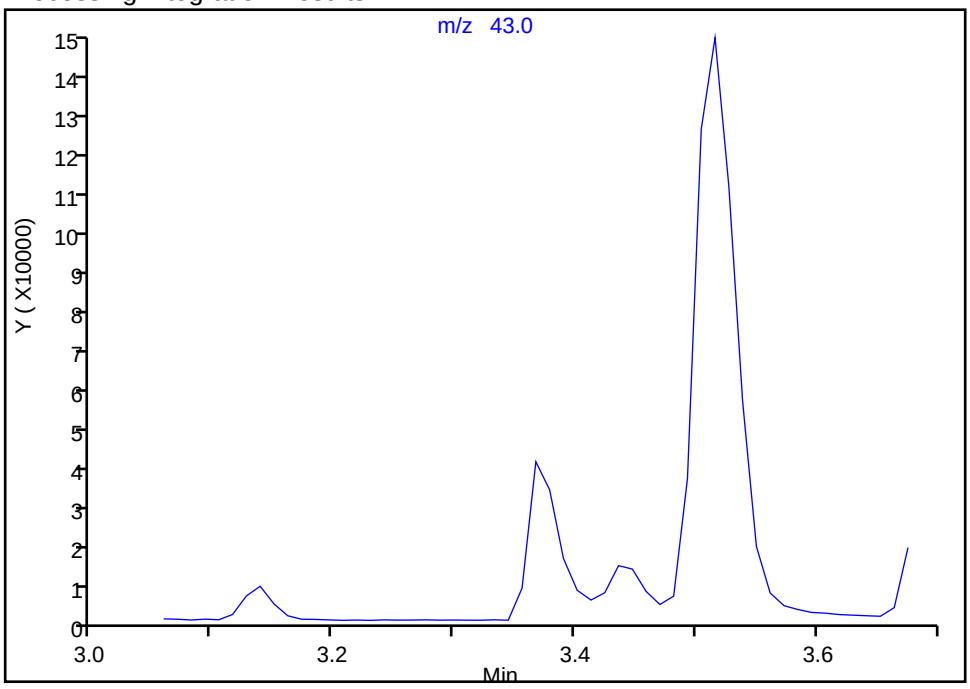
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Injection Date: 03-Oct-2022 22:54:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 27 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

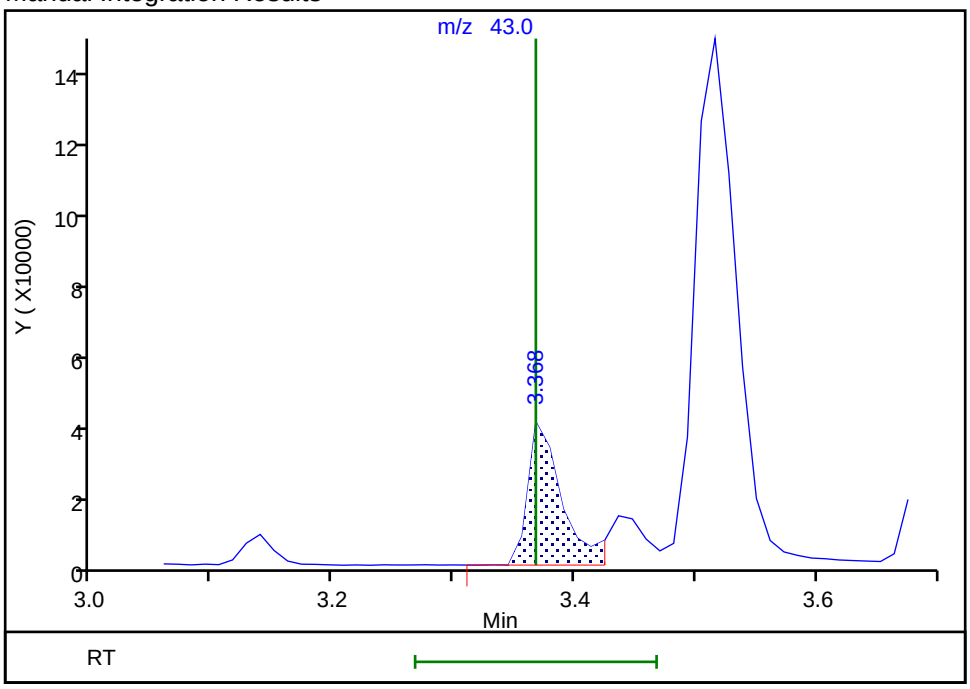
Not Detected
Expected RT: 3.37

Processing Integration Results



Manual Integration Results

RT: 3.37
Area: 77117
Amount: 1363.8499
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:43:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

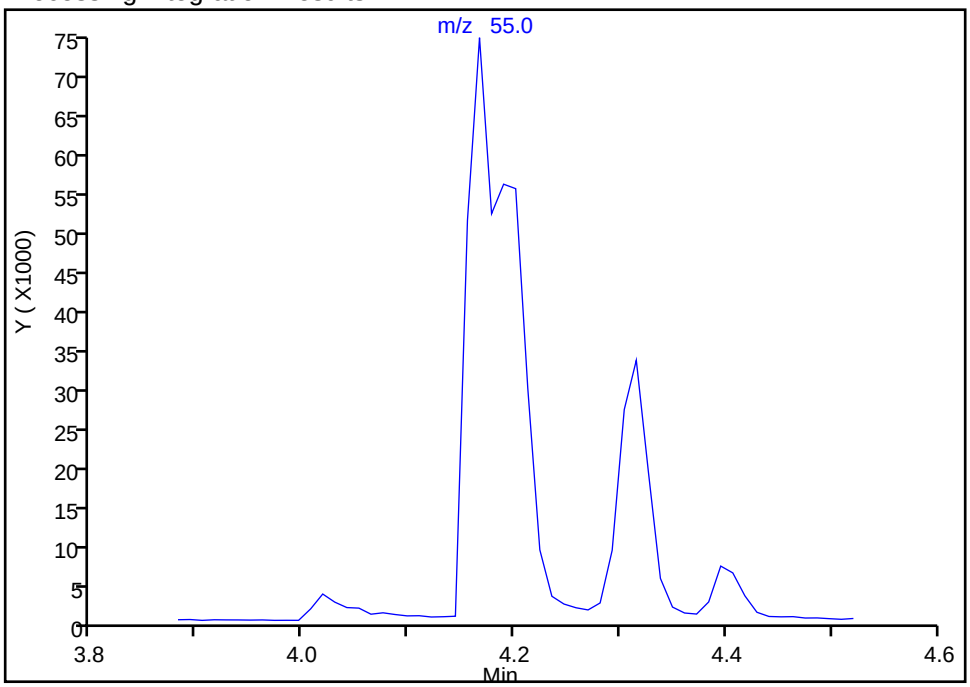
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Injection Date: 03-Oct-2022 22:54:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 27 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

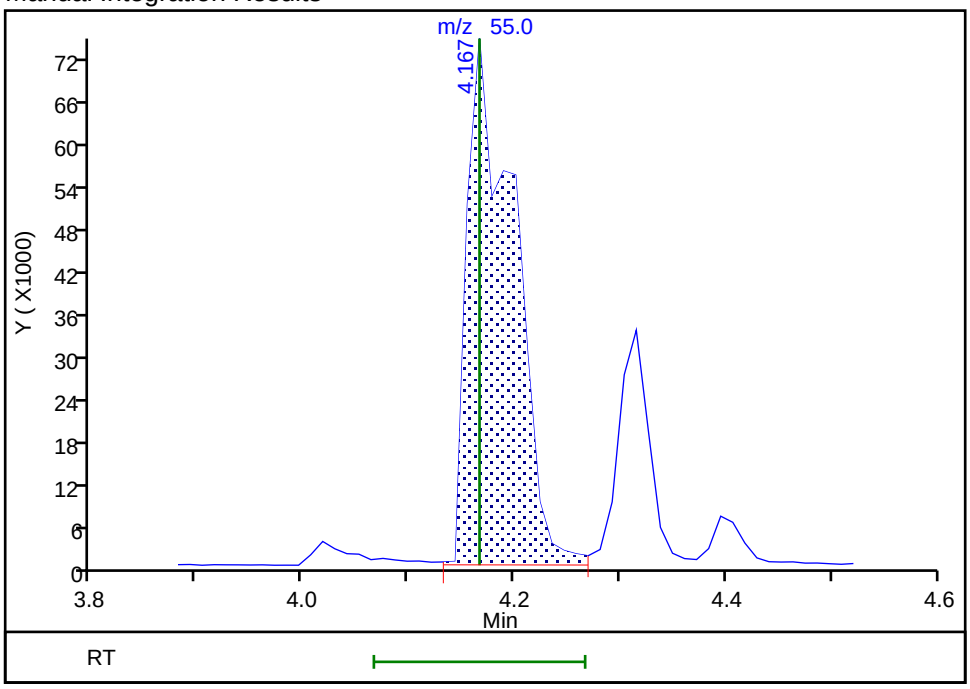
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 228874
Amount: 51.613785
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:43:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

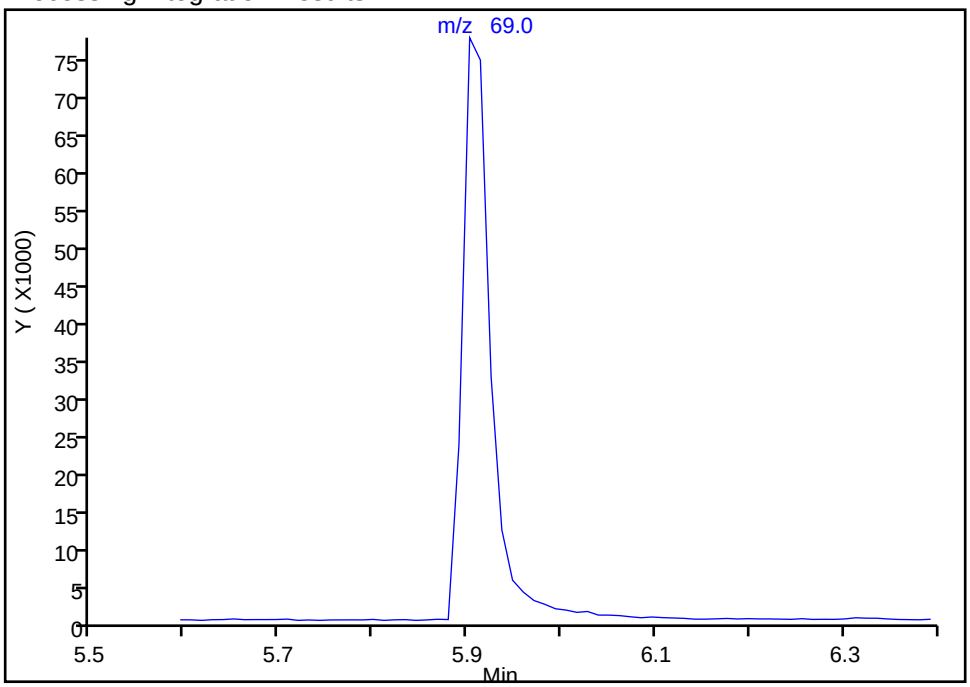
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Injection Date: 03-Oct-2022 22:54:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 27 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

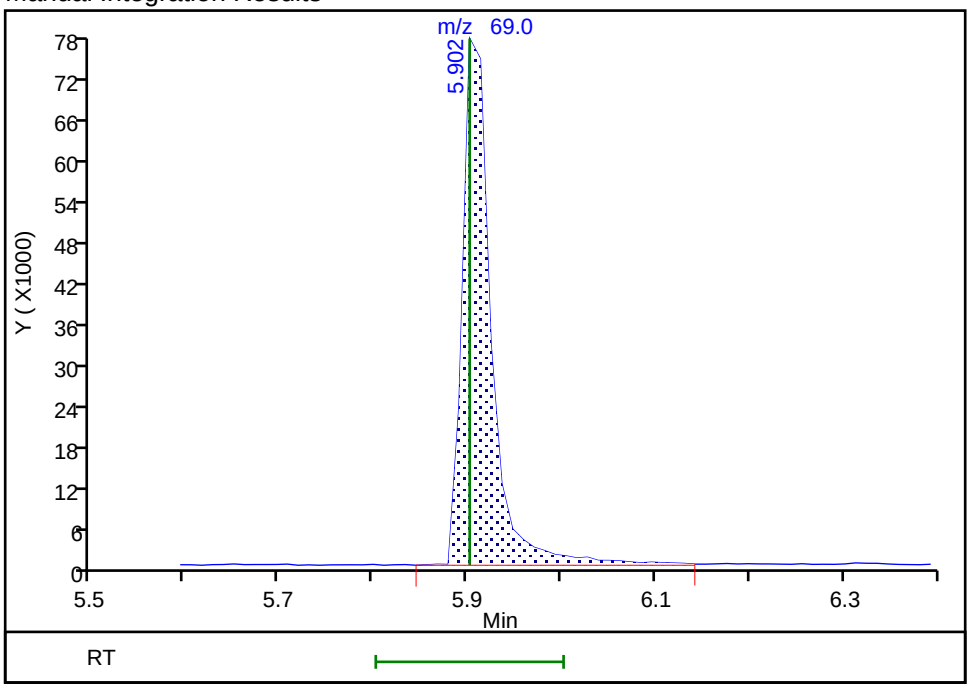
Not Detected
Expected RT: 5.90

Processing Integration Results



Manual Integration Results

RT: 5.90
Area: 166673
Amount: 50.753143
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:43:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82146.d
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Oct-2022 23:19:30 ALS Bottle#: 28 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0151211-008
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:16:54 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 03-Oct-2022 23:39:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.822	0.833	-0.011	88	255926	200.0	187.0	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	642895	200.0	193.4	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	96	120450	200.0	192.5	
6 Chloromethane	50	0.959	0.970	-0.011	81	555825	200.0	198.9	
7 Vinyl chloride	62	0.981	0.981	0.000	98	537554	200.0	178.4	
8 Butadiene	54	0.993	0.993	0.000	94	477399	200.0	180.7	
9 Bromomethane	94	1.141	1.141	0.000	99	337572	200.0	154.9	
10 Chloroethane	64	1.187	1.187	0.000	99	381217	200.0	193.8	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	1009822	200.0	192.6	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	98	899306	200.0	190.5	
13 Pentane	57	1.358	1.358	0.000	96	182665	400.0	372.4	
14 Ethanol	46	1.415	1.415	0.000	97	84508	8000.0	6344.8	
15 Ethyl ether	59	1.461	1.461	0.000	93	367732	200.0	206.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	90	535084	200.0	199.3	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	91	426163	200.0	197.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.507	-0.012	96	703755	200.0	192.9	
19 Acrolein	56	1.529	1.529	0.000	96	43543	200.0	208.7	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	96	477645	200.0	190.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	98	463482	200.0	188.1	
22 Acetone	58	1.609	1.609	0.000	87	168350	1000.0	963.0	
23 Iodomethane	142	1.666	1.666	0.000	98	979918	200.0	225.7	
25 Carbon disulfide	76	1.701	1.701	0.000	100	1547154	200.0	186.7	
24 Isopropyl alcohol	45	1.689	1.701	-0.012	98	208829	2000.0	2291.3	
26 Acetonitrile	38	1.781	1.781	0.000	89	164449	2000.0	1999.4	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	93	351217	200.0	202.8	
28 Methyl acetate	43	1.792	1.803	-0.011	97	432901	400.0	482.6	
29 Cyclopentene	67	1.838	1.838	0.000	94	1195423	200.0	205.8	
30 Methylene Chloride	84	1.861	1.861	0.000	86	568124	200.0	182.9	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	149801	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	324276	2000.0	1810.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.998	1.998	0.000	94	1294216	2000.0	2113.7	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	91	558839	200.0	198.1	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	1365581	200.0	200.8	
36 Hexane	57	2.203	2.214	-0.011	91	342446	200.0	184.3	
37 1,1-Dichloroethane	63	2.283	2.294	-0.011	99	926425	200.0	196.5	
38 Vinyl acetate	86	2.329	2.340	-0.011	100	97057	400.0	498.2	
39 Isopropyl ether	45	2.351	2.351	0.000	92	1402444	200.0	196.0	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	91	562814	200.0	213.4	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	1610044	200.0	208.8	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	174211	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	87	157074	200.0	200.6	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	98	621474	200.0	198.7	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	232250	1000.0	924.8	
42 Propionitrile	54	2.751	2.751	0.000	94	535744	2000.0	2226.5	
47 Ethyl acetate	70	2.774	2.774	0.000	99	87103	400.0	359.7	
48 Methyl acrylate	55	2.797	2.797	0.000	99	358406	200.0	209.6	
50 Methacrylonitrile	67	2.877	2.865	0.012	87	1626107	2000.0	2203.9	
49 Chlorobromomethane	128	2.877	2.877	0.000	78	321062	200.0	194.2	
51 Tetrahydrofuran	42	2.911	2.922	-0.011	77	187656	400.0	369.0	
52 Chloroform	83	2.945	2.945	0.000	99	953632	200.0	197.7	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	139365	50.0	51.8	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	97	896659	200.0	198.6	
55 Cyclohexane	84	3.139	3.139	0.000	86	643680	200.0	193.2	
56 Carbon tetrachloride	117	3.231	3.231	0.000	95	768210	200.0	205.0	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	94	727391	200.0	199.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	139850	50.0	52.1	
61 Isobutyl alcohol	43	3.368	3.368	0.000	97	338264	5000.0	5536.5	a
59 Benzene	78	3.402	3.402	0.000	95	2147466	200.0	183.1	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	694432	200.0	195.5	
62 Isooctane	57	3.505	3.505	0.000	95	746075	200.0	189.5	
63 Isopropyl acetate	61	3.505	3.516	-0.011	97	165436	200.0	216.8	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	98	1539302	200.0	197.8	
* 65 Fluorobenzene	96	3.653	3.664	-0.011	99	530993	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	88	228048	200.0	179.1	
67 Trichloroethene	95	4.007	4.007	0.000	95	641852	200.0	197.5	
68 n-Butanol	56	4.007	4.018	-0.011	37	259411	5000.0	5688.8	
69 Ethyl acrylate	55	4.155	4.167	-0.012	98	925626	200.0	206.6	a
70 Methylcyclohexane	83	4.201	4.201	0.000	91	559719	200.0	198.0	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	89	519868	200.0	194.6	
* 72 1,4-Dioxane-d8	96	4.327	4.327	0.000	0	32235	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	95	335817	200.0	195.7	
74 1,4-Dioxane	88	4.384	4.384	0.000	93	126761	4000.0	3655.1	
75 Methyl methacrylate	100	4.395	4.395	0.000	81	300299	400.0	441.8	
76 n-Propyl acetate	43	4.475	4.486	-0.011	97	541799	200.0	228.5	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	765120	200.0	212.7	
78 2-Nitropropane	41	4.772	4.772	0.000	99	228715	400.0	402.1	
79 2-Chloroethyl vinyl ether	63	4.897	4.897	0.000	93	345377	200.5	201.7	
80 Epichlorohydrin	57	4.932	4.932	0.000	99	852278	4000.0	3999.7	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	92	944010	200.0	201.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	1928322	1000.0	954.2	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	550711	50.0	47.3	
84 Toluene	91	5.423	5.423	0.000	94	2423066	200.0	180.6	

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	5.719	5.719	0.000	97	884361	200.0	219.2	
86 Ethyl methacrylate	69	5.902	5.902	0.000	87	670019	200.0	197.1	
87 1,1,2-Trichloroethane	83	5.925	5.936	-0.011	93	410429	200.0	187.2	
88 Tetrachloroethene	166	6.096	6.096	0.000	97	571287	200.0	184.0	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	849198	200.0	189.5	
90 2-Hexanone	43	6.325	6.325	0.000	93	1359046	1000.0	995.7	
91 Chlorodibromomethane	129	6.416	6.427	-0.011	98	660060	200.0	224.3	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	560625	200.0	195.2	
92 n-Butyl acetate	43	6.553	6.553	0.000	97	657985	200.0	209.9	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	83	462970	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	97	1724399	200.0	176.9	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	96	626680	200.0	202.8	
97 Ethylbenzene	106	7.466	7.466	0.000	97	858962	200.0	191.5	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	1081560	200.0	192.8	
99 o-Xylene	106	8.220	8.220	0.000	95	1118415	200.0	197.2	
100 Styrene	104	8.254	8.254	0.000	97	1843204	200.0	197.5	
101 n-Butyl acrylate	73	8.323	8.323	0.000	98	422087	200.0	213.8	
102 Bromoform	173	8.460	8.460	0.000	96	425955	200.0	224.6	
103 Amyl acetate (mixed isomers)	43	8.711	8.711	0.000	92	820085	200.0	212.3	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	2324263	200.0	196.2	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	92	180298	50.0	50.3	
106 Bromobenzene	156	9.190	9.190	0.000	93	752981	200.0	187.8	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	590953	200.0	186.6	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	96	503707	200.0	180.7	
109 trans-1,4-Dichloro-2-butene	75	9.419	9.430	-0.011	95	247999	200.0	212.9	
110 N-Propylbenzene	91	9.487	9.476	0.011	100	2393933	200.0	200.7	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	1799750	200.0	177.4	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	2295923	200.0	199.2	
113 4-Chlorotoluene	91	9.727	9.727	0.000	96	1626790	200.0	192.2	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	1794543	200.0	183.3	
115 Butyl Methacrylate	87	10.092	10.092	0.000	88	821218	200.0	229.2	
116 tert-Butylbenzene	119	10.298	10.298	0.000	95	1497776	200.0	194.6	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	1881511	200.0	186.1	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	1924065	200.0	196.0	
119 1,3-Dichlorobenzene	146	10.754	10.754	0.000	96	1266551	200.0	191.0	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	267079	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	94	1292511	200.0	180.8	
122 4-Isopropyltoluene	119	10.960	10.948	0.012	97	1596377	200.0	191.0	
123 1,2,3-Trimethylbenzene	105	11.063	11.051	0.012	98	2088243	200.0	185.8	
124 Benzyl chloride	126	11.165	11.165	0.000	100	213539	200.0	211.5	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	95	2376237	200.0	194.3	
126 1,2-Dichlorobenzene	146	11.428	11.428	0.000	97	1261508	200.0	188.7	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	847007	200.0	189.4	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	643149	200.0	182.6	
129 1,2-Dibromo-3-Chloropropane	157	12.204	12.204	0.000	96	160499	200.0	207.1	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	1738092	200.0	193.3	
131 1,3,5-Trichlorobenzene	180	12.376	12.376	0.000	97	632350	200.0	188.3	
132 1,2,4-Trichlorobenzene	180	12.798	12.809	-0.011	94	573260	200.0	187.9	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	95	191827	200.0	180.7	
134 Naphthalene	128	12.946	12.946	0.000	99	1609994	200.0	186.1	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	489558	200.0	174.8	
S 137 1,2-Dichloroethene, Total	100				0		400.0	396.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		400.0	390.0	
S 139 Total BTEX	1				0		1000.0	945.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00144	Amount Added:	20.00	Units: uL	
8FreonHi_00049	Amount Added:	20.00	Units: uL	
GAS Hi_00425	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	20.00	Units: uL	
MIX I Hi_00155	Amount Added:	20.00	Units: uL	
Ethanol mix_00069	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2022 17:16:55 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82146.d

Injection Date: 03-Oct-2022 23:19:30 Instrument ID: CVOAMS12 Operator ID:

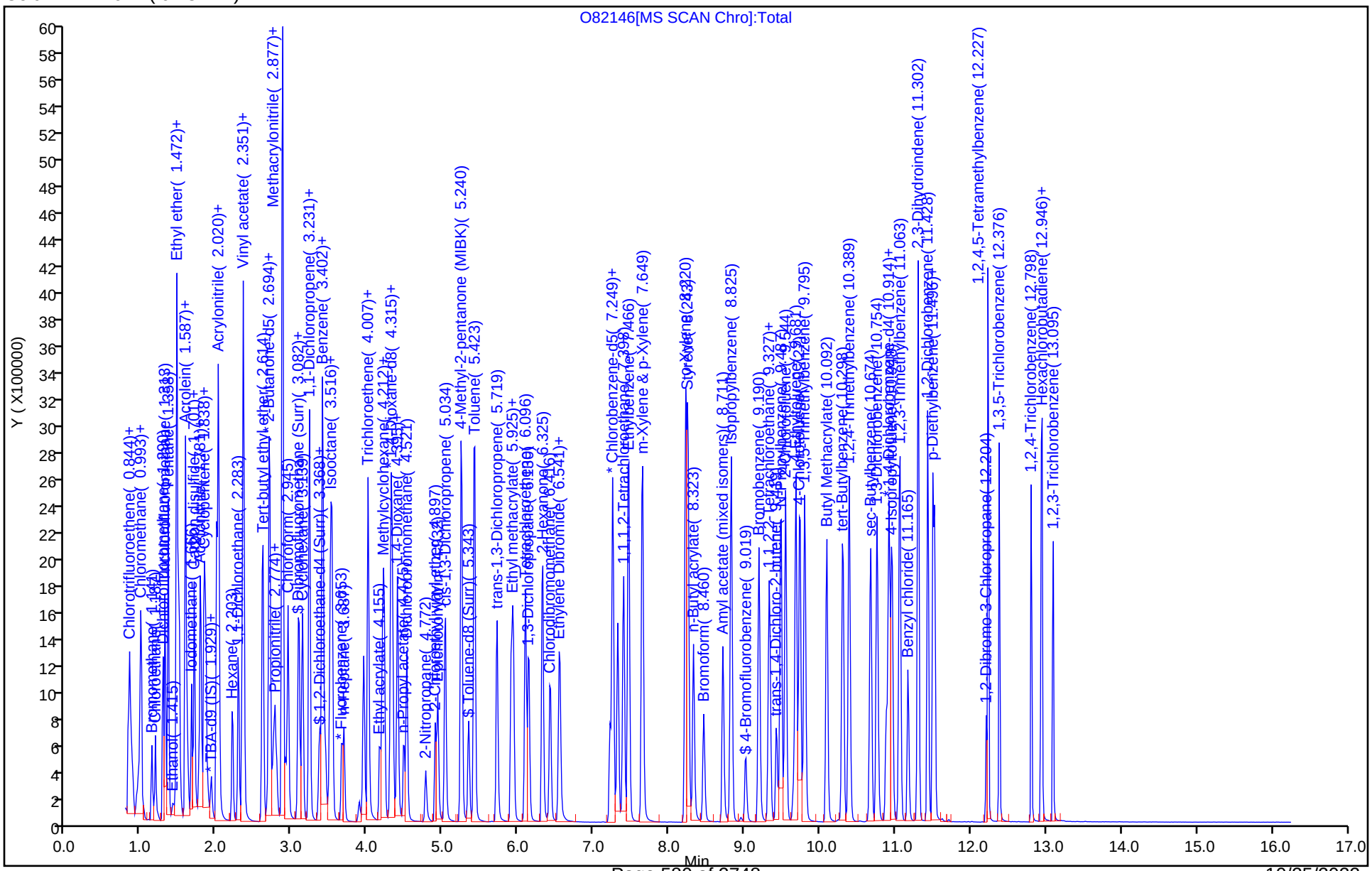
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 28

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

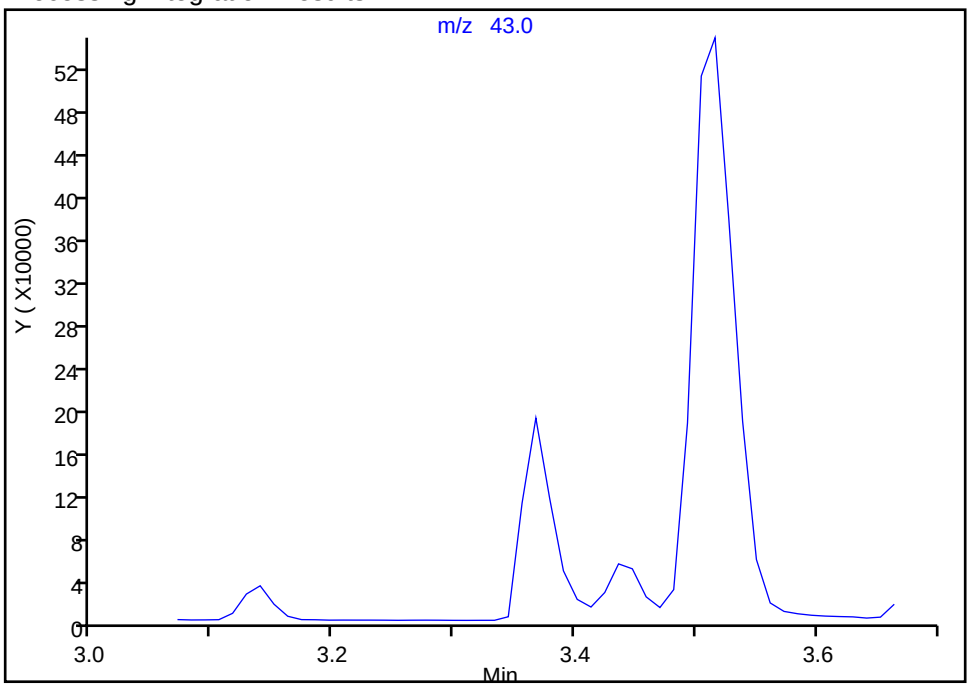
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Injection Date: 03-Oct-2022 23:19:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

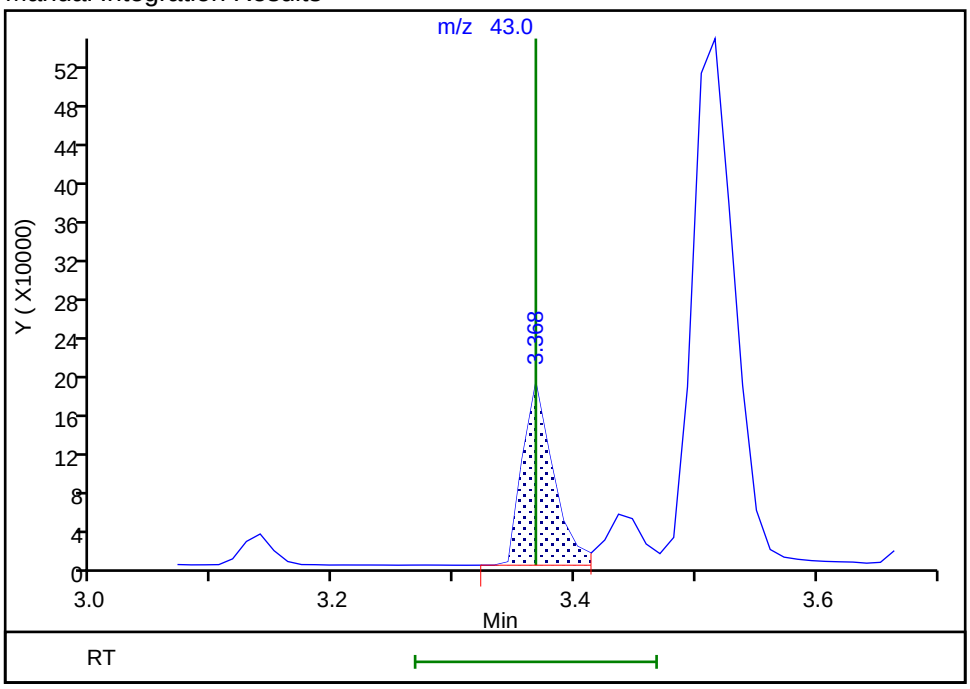
Not Detected
Expected RT: 3.37

Processing Integration Results



Manual Integration Results

RT: 3.37
Area: 338264
Amount: 5536.4774
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:45:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

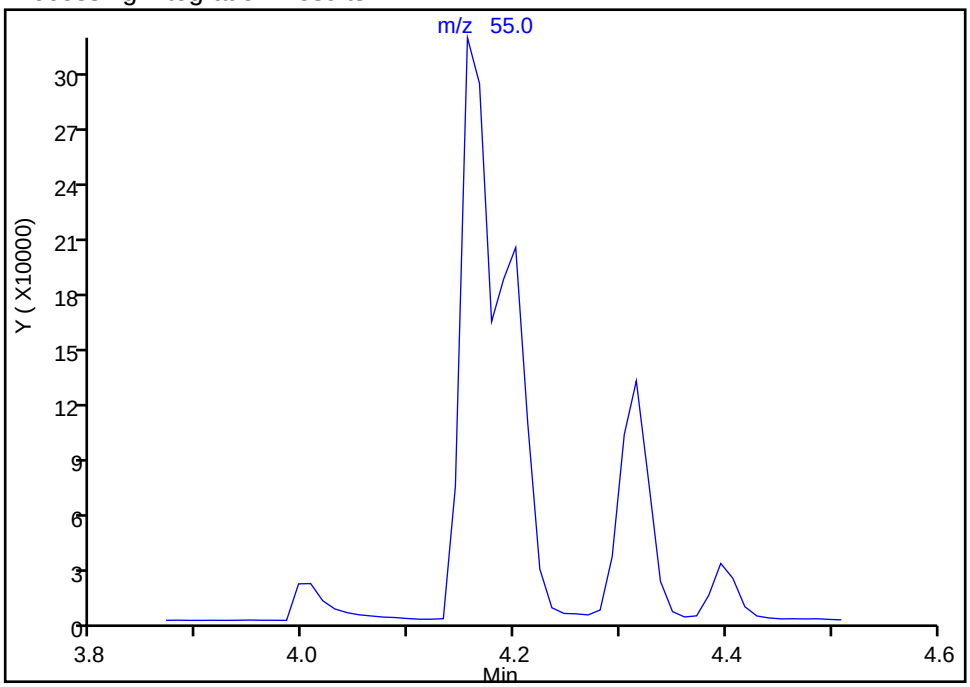
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Injection Date: 03-Oct-2022 23:19:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

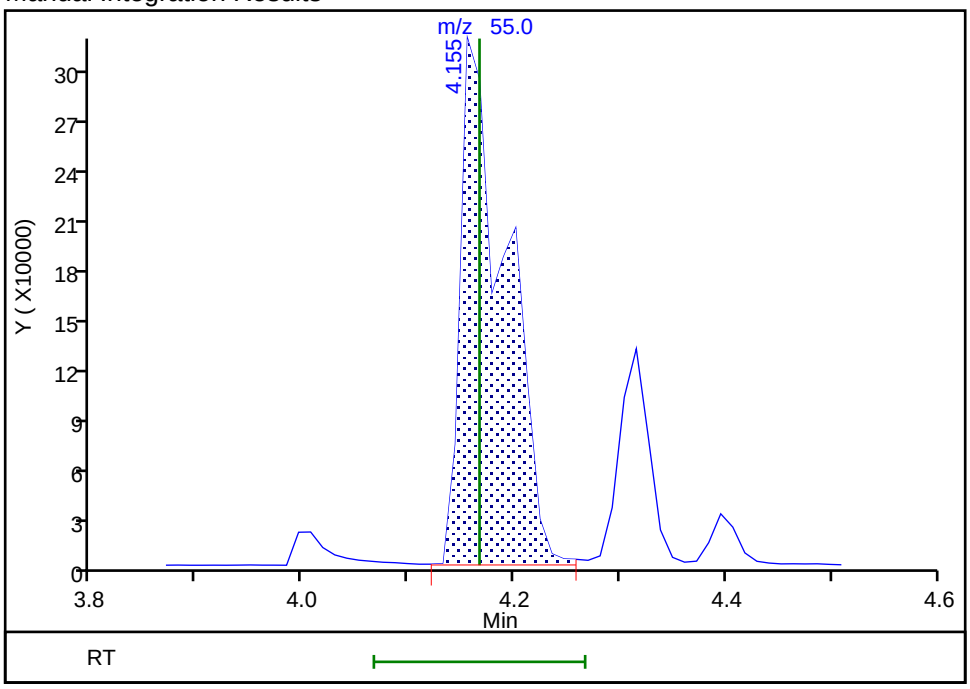
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 925626
Amount: 206.6230
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:47:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Oct-2022 23:44:30 ALS Bottle#: 29 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0151211-009
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:17:03 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 04-Oct-2022 00:23:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.822	0.833	-0.011	91	689992	500.0	473.5	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	1598741	500.0	476.6	
5 Chlorodifluoromethane	67	0.879	0.856	0.023	96	294762	500.0	466.2	
6 Chloromethane	50	0.959	0.970	-0.011	81	1359478	500.0	482.2	
7 Vinyl chloride	62	0.981	0.981	0.000	97	1275071	500.0	418.7	
8 Butadiene	54	1.004	0.993	0.011	95	1178723	500.0	441.4	
9 Bromomethane	94	1.130	1.141	-0.011	98	506337	500.0	229.9	
10 Chloroethane	64	1.187	1.187	0.000	100	746969	500.0	375.8	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	2428134	500.0	458.4	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	98	2240924	500.0	469.9	
13 Pentane	57	1.358	1.358	0.000	96	454245	1000.0	916.5	
14 Ethanol	46	1.427	1.415	0.012	98	212353	20000	12978	
15 Ethyl ether	59	1.461	1.461	0.000	92	932119	500.0	517.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	90	1327076	500.0	489.1	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	84	1037713	500.0	476.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.507	0.000	95	1847460	500.0	501.0	
19 Acrolein	56	1.529	1.529	0.000	95	119228	400.0	465.2	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	95	1222100	500.0	483.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	80	1186076	500.0	476.3	
22 Acetone	58	1.621	1.609	0.012	87	443286	2500.0	2381.4	
23 Iodomethane	142	1.666	1.666	0.000	99	2334926	500.0	532.2	
25 Carbon disulfide	76	1.701	1.701	0.000	99	3879600	500.0	463.2	
24 Isopropyl alcohol	45	1.701	1.701	0.000	99	595886	5000.0	5322.2	
26 Acetonitrile	38	1.781	1.781	0.000	81	377945	5000.0	5000.5	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	93	935580	500.0	534.5	
28 Methyl acetate	43	1.803	1.803	0.000	97	1251340	1000.0	1135.5	
29 Cyclopentene	67	1.838	1.838	0.000	96	2907898	500.0	495.4	
30 Methylene Chloride	84	1.861	1.861	0.000	86	1426314	500.0	454.5	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	184025	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.940	1.929	0.011	98	945579	5000.0	4297.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.009	1.998	0.011	96	3566132	5000.0	5763.5	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	89	1409253	500.0	494.4	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	95	3502392	500.0	509.5	
36 Hexane	57	2.203	2.214	-0.011	91	896550	500.0	477.6	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	99	2322157	500.0	487.4	
38 Vinyl acetate	86	2.340	2.340	0.000	99	562608	1000.0	2712.0	
39 Isopropyl ether	45	2.351	2.351	0.000	82	3194491	500.0	441.7	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	88	1367756	500.0	513.2	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	3905588	500.0	501.1	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	93	185499	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	73	393707	500.0	497.5	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	98	1594408	500.0	504.5	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	597010	2500.0	2232.6	
42 Propionitrile	54	2.762	2.751	0.011	96	1450160	5000.0	4905.9	
47 Ethyl acetate	70	2.774	2.774	0.000	99	223201	1000.0	865.7	
48 Methyl acrylate	55	2.797	2.797	0.000	98	952427	500.0	551.2	
50 Methacrylonitrile	67	2.888	2.865	0.023	85	4085277	5000.0	5479.1	
49 Chlorobromomethane	128	2.888	2.877	0.011	55	799400	500.0	478.5	
51 Tetrahydrofuran	42	2.922	2.922	0.000	92	520628	1000.0	961.4	
52 Chloroform	83	2.945	2.945	0.000	99	2431880	500.0	499.0	
$ 53 Dibromofluoromethane (Surr)	113	3.082	3.071	0.011	96	145453	50.0	53.5	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	97	2270291	500.0	497.7	
55 Cyclohexane	84	3.139	3.139	0.000	85	1605291	500.0	476.9	
56 Carbon tetrachloride	117	3.231	3.231	0.000	96	1973013	500.0	521.1	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	94	1773099	500.0	482.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.356	3.345	0.011	0	147135	50.0	54.3	
61 Isobutyl alcohol	43	3.379	3.368	0.011	98	896167	12500	11940	
59 Benzene	78	3.402	3.402	0.000	95	5270945	500.0	426.8	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	1755023	500.0	488.8	
62 Isooctane	57	3.505	3.505	0.000	97	1868534	500.0	469.8	
63 Isopropyl acetate	61	3.516	3.516	0.000	98	397815	500.0	515.8	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	91	3736765	500.0	475.3	
* 65 Fluorobenzene	96	3.664	3.664	0.000	99	536581	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	86	583464	500.0	453.4	
67 Trichloroethene	95	4.007	4.007	0.000	96	1453574	500.0	442.6	
68 n-Butanol	56	4.007	4.018	-0.011	40	703319	12500	12555	
69 Ethyl acrylate	55	4.167	4.167	0.000	98	2292038	500.0	505.5	a
70 Methylcyclohexane	83	4.201	4.201	0.000	92	1416561	500.0	496.0	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	89	1311879	500.0	485.9	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	39688	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	878156	500.0	506.5	
74 1,4-Dioxane	88	4.384	4.384	0.000	85	335457	10000	7856.3	
75 Methyl methacrylate	100	4.407	4.395	0.012	80	752077	1000.0	1095.0	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	1359291	500.0	567.4	
77 Dichlorobromomethane	83	4.521	4.521	0.000	98	1994388	500.0	548.7	
78 2-Nitropropane	41	4.772	4.772	0.000	99	661443	1000.0	999.8	
79 2-Chloroethyl vinyl ether	63	4.909	4.897	0.012	92	870804	501.2	501.0	
80 Epichlorohydrin	57	4.943	4.932	0.011	99	2233082	10000	10000	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	2379967	500.0	481.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.251	5.240	0.011	93	4658791	2500.0	2165.1	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	564390	50.0	46.0	
84 Toluene	91	5.423	5.423	0.000	94	5997526	500.0	424.4	

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	5.719	5.719	0.000	97	2263436	500.0	532.6	
86 Ethyl methacrylate	69	5.914	5.902	0.012	87	1718485	500.0	480.0	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	1052574	500.0	455.7	
88 Tetrachloroethene	166	6.096	6.096	0.000	97	1427340	500.0	436.4	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	2172749	500.0	460.5	
90 2-Hexanone	43	6.325	6.325	0.000	92	3329493	2500.0	2500.8	
91 Chlorodibromomethane	129	6.427	6.427	0.000	98	1743807	500.0	562.5	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	1444879	500.0	477.7	
92 n-Butyl acetate	43	6.553	6.553	0.000	97	1539968	500.0	466.5	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	487618	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	96	4397670	500.0	428.3	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	96	1617399	500.0	496.9	
97 Ethylbenzene	106	7.466	7.466	0.000	97	2204994	500.0	466.8	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	2756568	500.0	466.5	
99 o-Xylene	106	8.231	8.220	0.011	96	2883631	500.0	482.7	
100 Styrene	104	8.254	8.254	0.000	97	4701484	500.0	478.3	
101 n-Butyl acrylate	73	8.323	8.323	0.000	98	1086550	500.0	522.5	
102 Bromoform	173	8.460	8.460	0.000	96	1182284	500.0	591.9	
103 Amyl acetate (mixed isomers)	43	8.722	8.711	0.011	93	2089186	500.0	514.3	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	5844600	500.0	468.4	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	187864	50.0	49.8	
106 Bromobenzene	156	9.202	9.190	0.012	94	1948336	500.0	462.0	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	1731373	500.0	519.9	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	97	1291674	500.0	440.7	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	96	699780	500.0	571.2	
110 N-Propylbenzene	91	9.487	9.476	0.011	99	6083786	500.0	484.8	
111 2-Chlorotoluene	91	9.556	9.544	0.012	96	4402416	500.0	412.6	
112 4-Ethyltoluene	105	9.693	9.681	0.012	98	5715878	500.0	471.5	
113 4-Chlorotoluene	91	9.738	9.727	0.011	95	4228220	500.0	474.9	
114 1,3,5-Trimethylbenzene	105	9.807	9.795	0.012	94	4610660	500.0	447.8	
115 Butyl Methacrylate	87	10.104	10.092	0.012	86	2204429	500.0	585.0	
116 tert-Butylbenzene	119	10.309	10.298	0.011	95	3862431	500.0	477.2	
117 1,2,4-Trimethylbenzene	105	10.400	10.389	0.011	96	4847005	500.0	455.9	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	5006532	500.0	485.0	
119 1,3-Dichlorobenzene	146	10.766	10.754	0.012	95	3184557	500.0	456.5	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	95	280912	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.926	10.914	0.012	95	3311465	500.0	440.5	
122 4-Isopropyltoluene	119	10.960	10.948	0.012	97	4184877	500.0	476.2	
123 1,2,3-Trimethylbenzene	105	11.063	11.051	0.012	98	5166078	500.0	437.0	
124 Benzyl chloride	126	11.177	11.165	0.012	100	544319	500.0	512.5	
125 2,3-Dihydroindene	117	11.314	11.302	0.012	95	5706661	500.0	443.8	
126 1,2-Dichlorobenzene	146	11.439	11.428	0.011	96	3140179	500.0	446.7	
127 p-Diethylbenzene	119	11.508	11.496	0.012	96	2177840	500.0	463.0	
128 n-Butylbenzene	92	11.519	11.519	0.000	95	1740434	500.0	469.9	
129 1,2-Dibromo-3-Chloropropane	157	12.204	12.204	0.000	95	443144	500.0	543.7	
130 1,2,4,5-Tetramethylbenzene	119	12.239	12.227	0.012	97	3836512	500.0	405.7	
131 1,3,5-Trichlorobenzene	180	12.376	12.376	0.000	97	1461187	500.0	413.6	
132 1,2,4-Trichlorobenzene	180	12.798	12.809	-0.011	94	1388215	500.0	432.6	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	95	480813	500.0	430.6	
134 Naphthalene	128	12.946	12.946	0.000	99	3854524	500.0	423.6	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	1205455	500.0	409.2	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	998.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		1000.0	949.2	
S 139 Total BTEX	1				0		2500.0	2267.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00144	Amount Added:	40.00	Units: uL	
8FreonHi_00049	Amount Added:	50.00	Units: uL	
GAS Hi_00425	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	50.00	Units: uL	
MIX I Hi_00155	Amount Added:	50.00	Units: uL	
Ethanol mix_00069	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

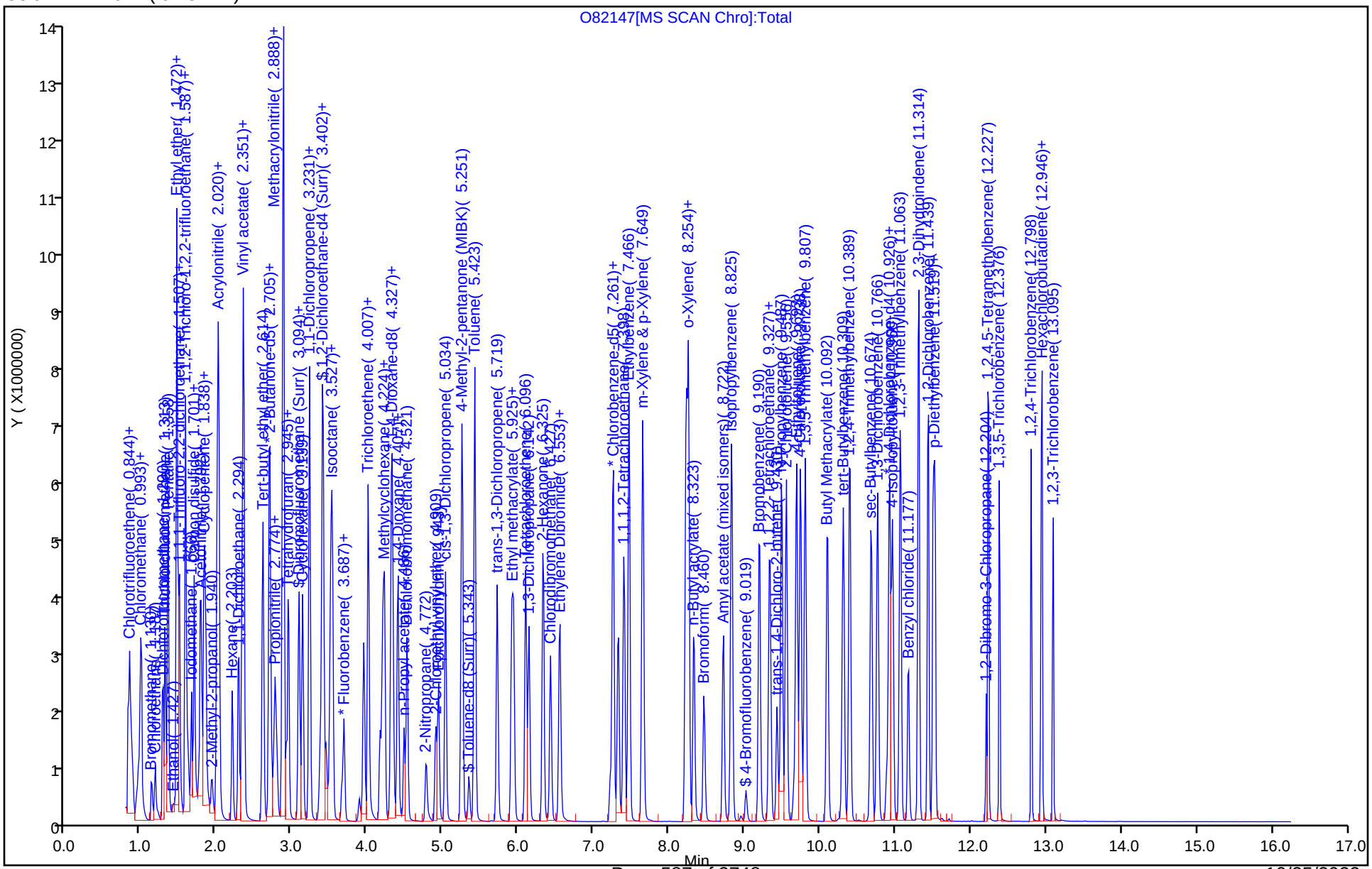
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Injection Date:	03-Oct-2022 23:44:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

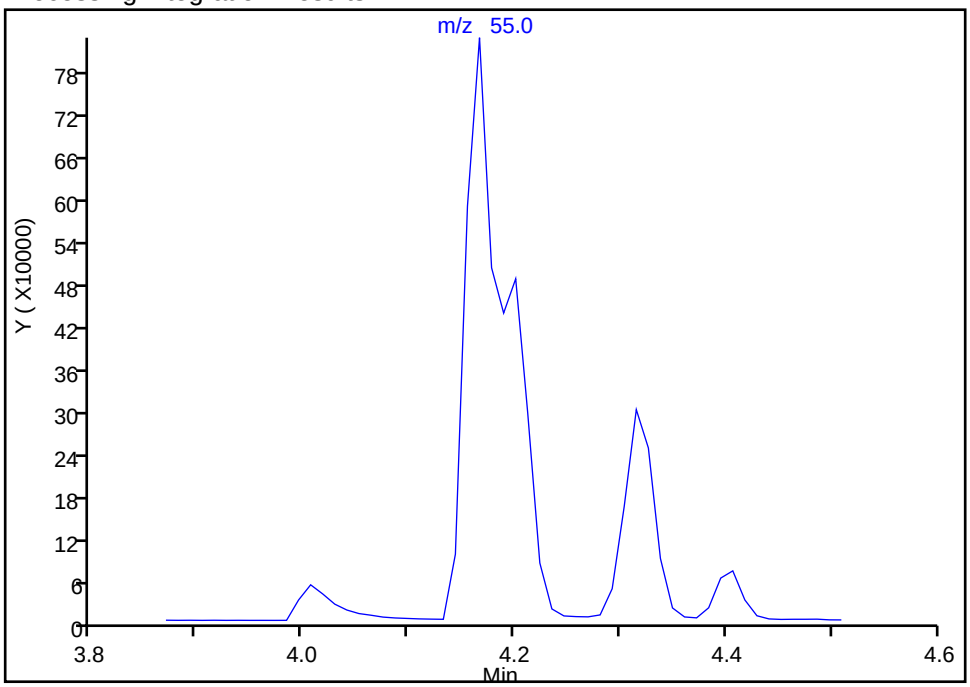
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Injection Date: 03-Oct-2022 23:44:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 29 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

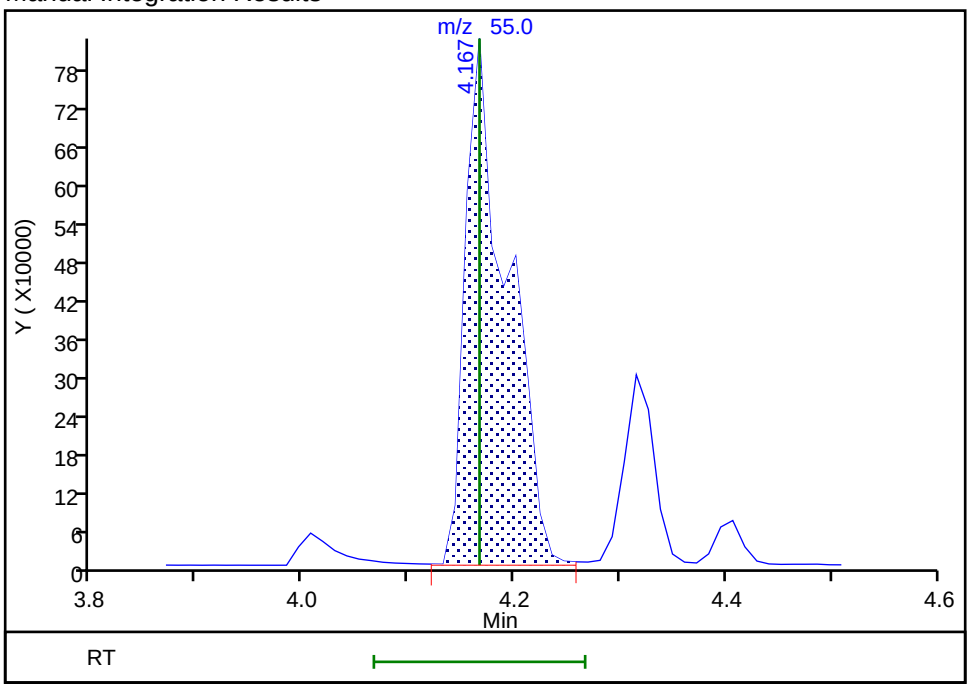
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 2292038
Amount: 505.5211
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 16:48:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

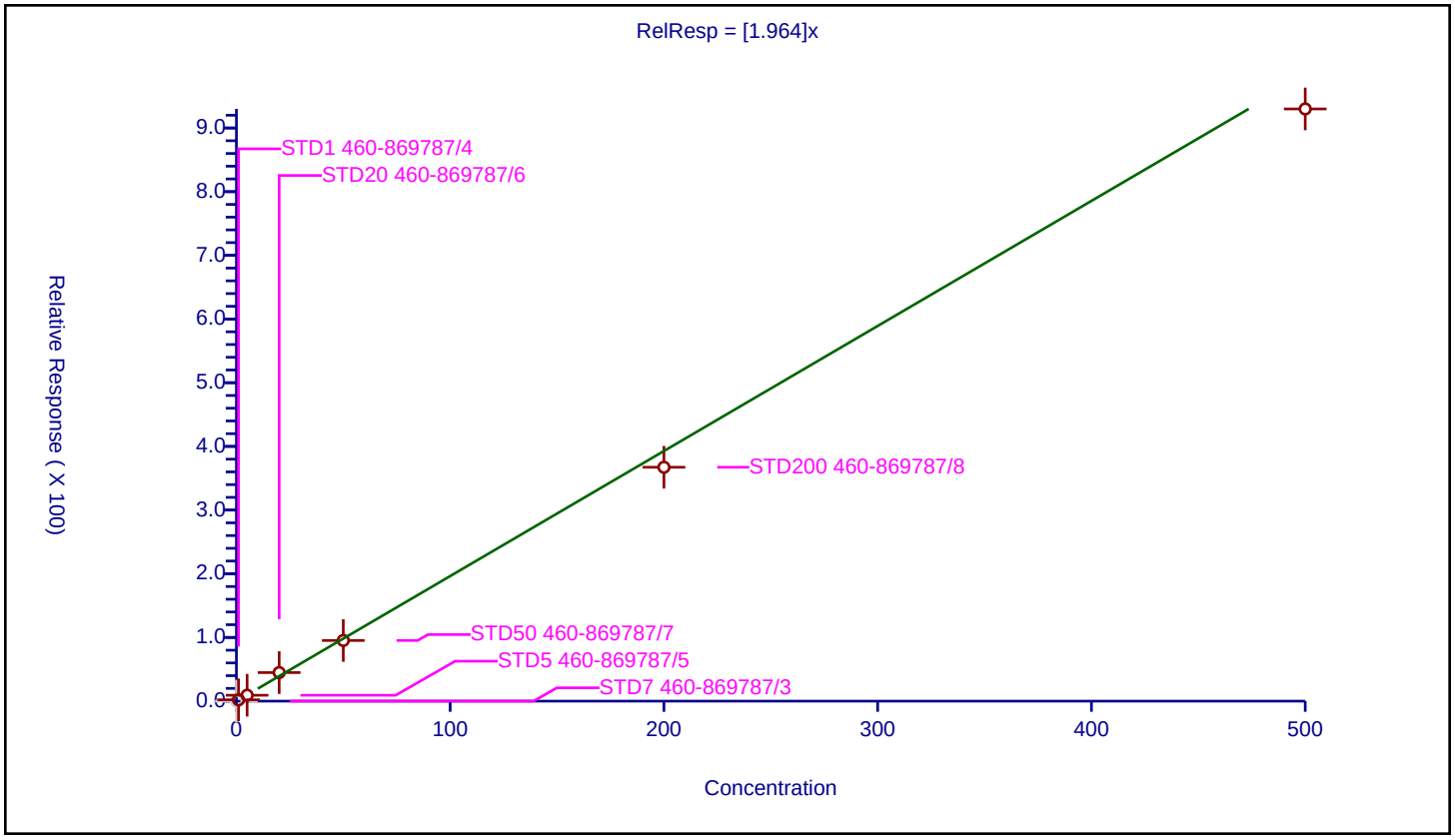
Curve Coefficients

Intercept:	0
Slope:	1.964

Error Coefficients

Standard Error:	330000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	1.0	2.084226	250.0	116710.0	2.084226	Y
3	STD5 460-869787/5	5.0	9.270773	250.0	135102.0	1.854155	Y
4	STD20 460-869787/6	20.0	44.860802	250.0	124786.0	2.24304	Y
5	STD50 460-869787/7	50.0	95.264178	250.0	162485.0	1.905284	Y
6	STD200 460-869787/8	200.0	367.264409	250.0	174211.0	1.836322	Y
7	STD500 460-869787/9	500.0	929.913369	250.0	185499.0	1.859827	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

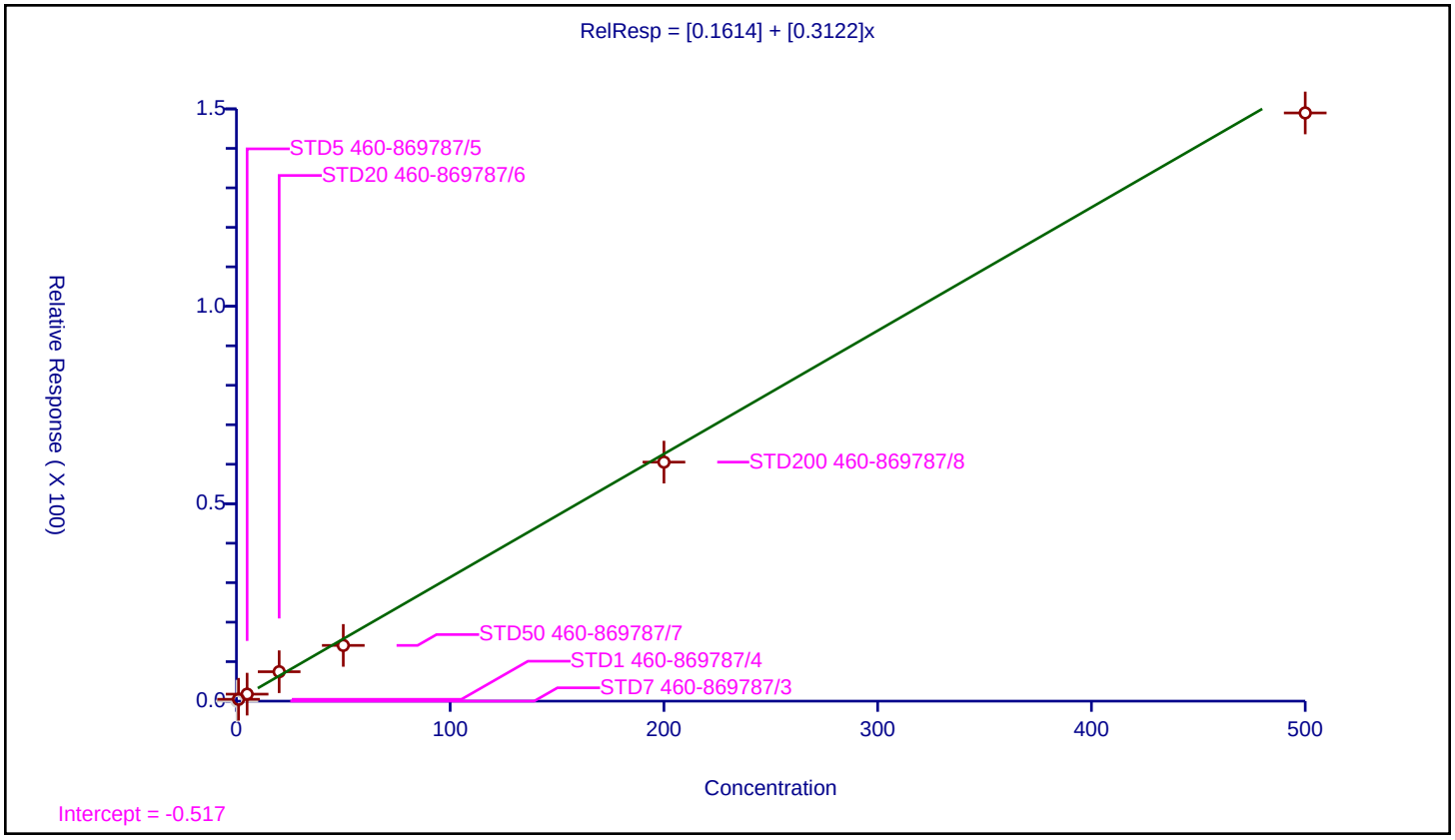
Curve Coefficients

Intercept:	0.1614
Slope:	0.3122

Error Coefficients

Standard Error:	866000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.0	50.0	508613.0	0.0	N
2	STD1 460-869787/4	1.0	0.4698	50.0	493508.0	0.4698	Y
3	STD5 460-869787/5	5.0	1.771629	50.0	530585.0	0.354326	Y
4	STD20 460-869787/6	20.0	7.447244	50.0	512552.0	0.372362	Y
5	STD50 460-869787/7	50.0	14.118097	50.0	529820.0	0.282362	Y
6	STD200 460-869787/8	200.0	60.53705	50.0	530993.0	0.302685	Y
7	STD500 460-869787/9	500.0	148.974805	50.0	536581.0	0.29795	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

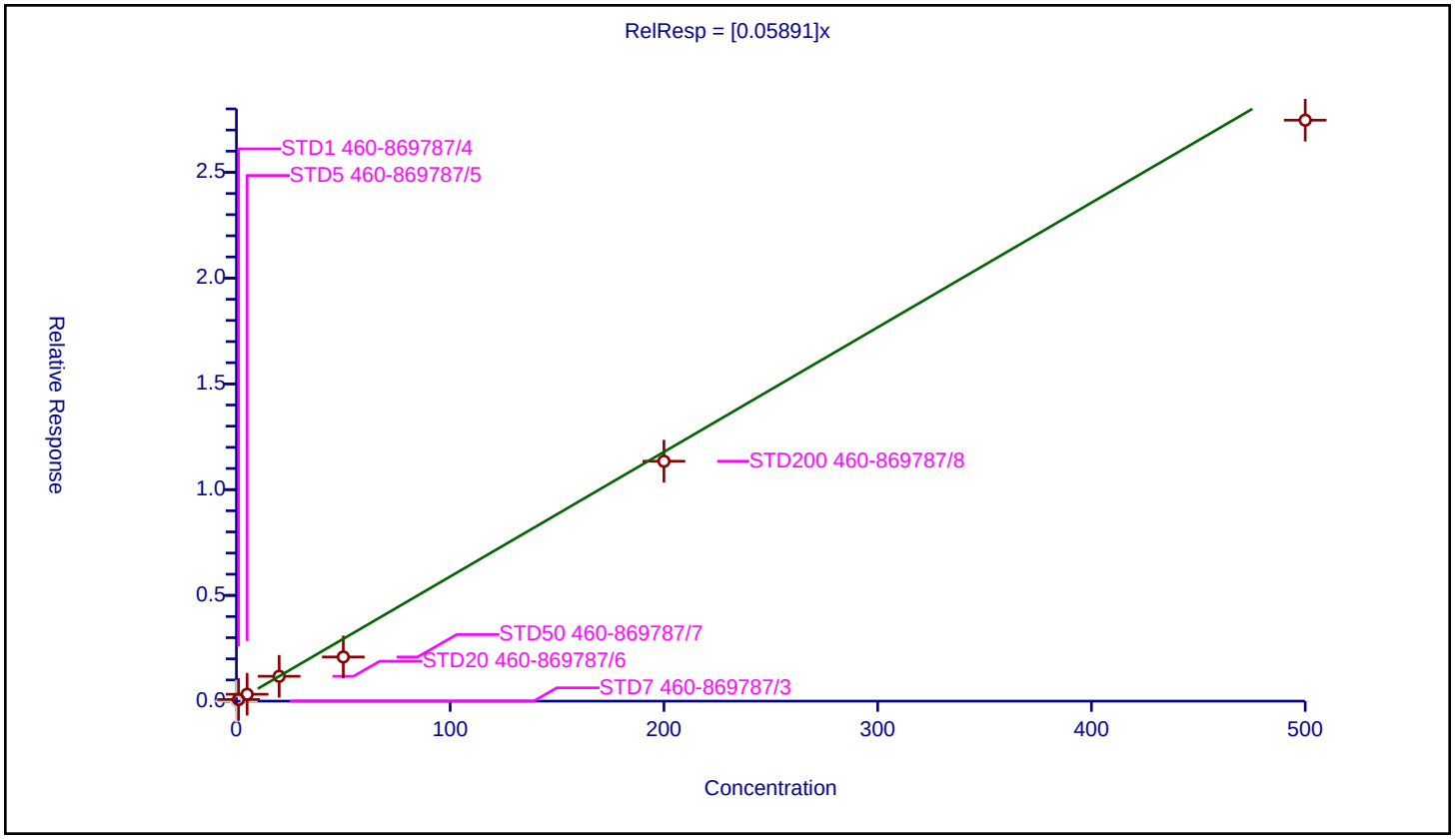
Curve Coefficients

Intercept:	0
Slope:	0.05891

Error Coefficients

Standard Error:	143000
Relative Standard Error:	19.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.951

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.076088	50.0	493508.0	0.076088	Y
3	STD5 460-869787/5	5.0	0.325961	50.0	530585.0	0.065192	Y
4	STD20 460-869787/6	20.0	1.17549	50.0	512552.0	0.058775	Y
5	STD50 460-869787/7	50.0	2.088728	50.0	529820.0	0.041775	Y
6	STD200 460-869787/8	200.0	11.341957	50.0	530993.0	0.05671	Y
7	STD500 460-869787/9	500.0	27.466683	50.0	536581.0	0.054933	Y



Calibration / Chloromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

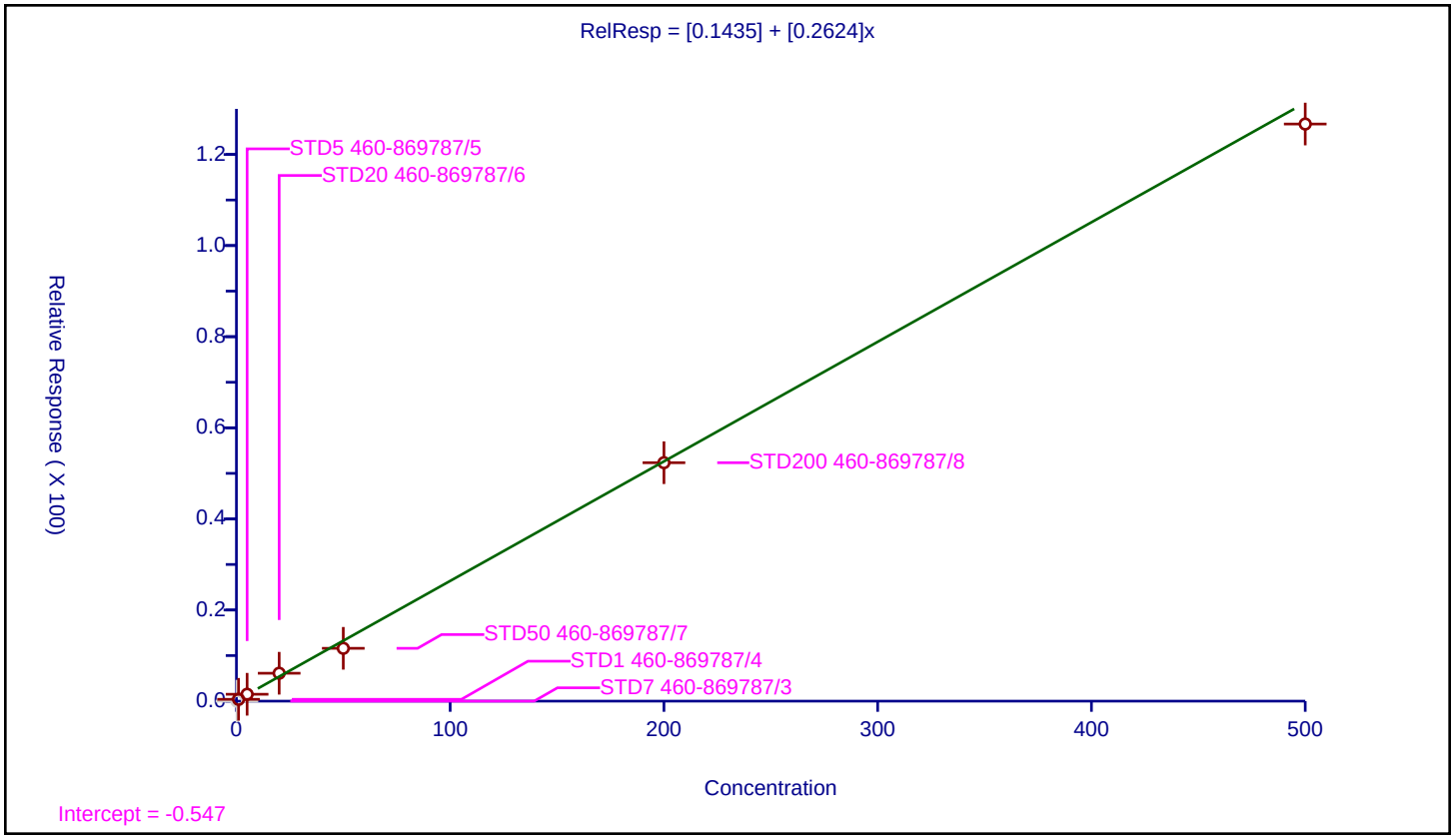
Curve Coefficients

Intercept:	0.1435
Slope:	0.2624

Error Coefficients

Standard Error:	738000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.0	50.0	508613.0	0.0	N
2	STD1 460-869787/4	1.0	0.402628	50.0	493508.0	0.402628	Y
3	STD5 460-869787/5	5.0	1.50956	50.0	530585.0	0.301912	Y
4	STD20 460-869787/6	20.0	6.126208	50.0	512552.0	0.30631	Y
5	STD50 460-869787/7	50.0	11.594032	50.0	529820.0	0.231881	Y
6	STD200 460-869787/8	200.0	52.338261	50.0	530993.0	0.261691	Y
7	STD500 460-869787/9	500.0	126.679663	50.0	536581.0	0.253359	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

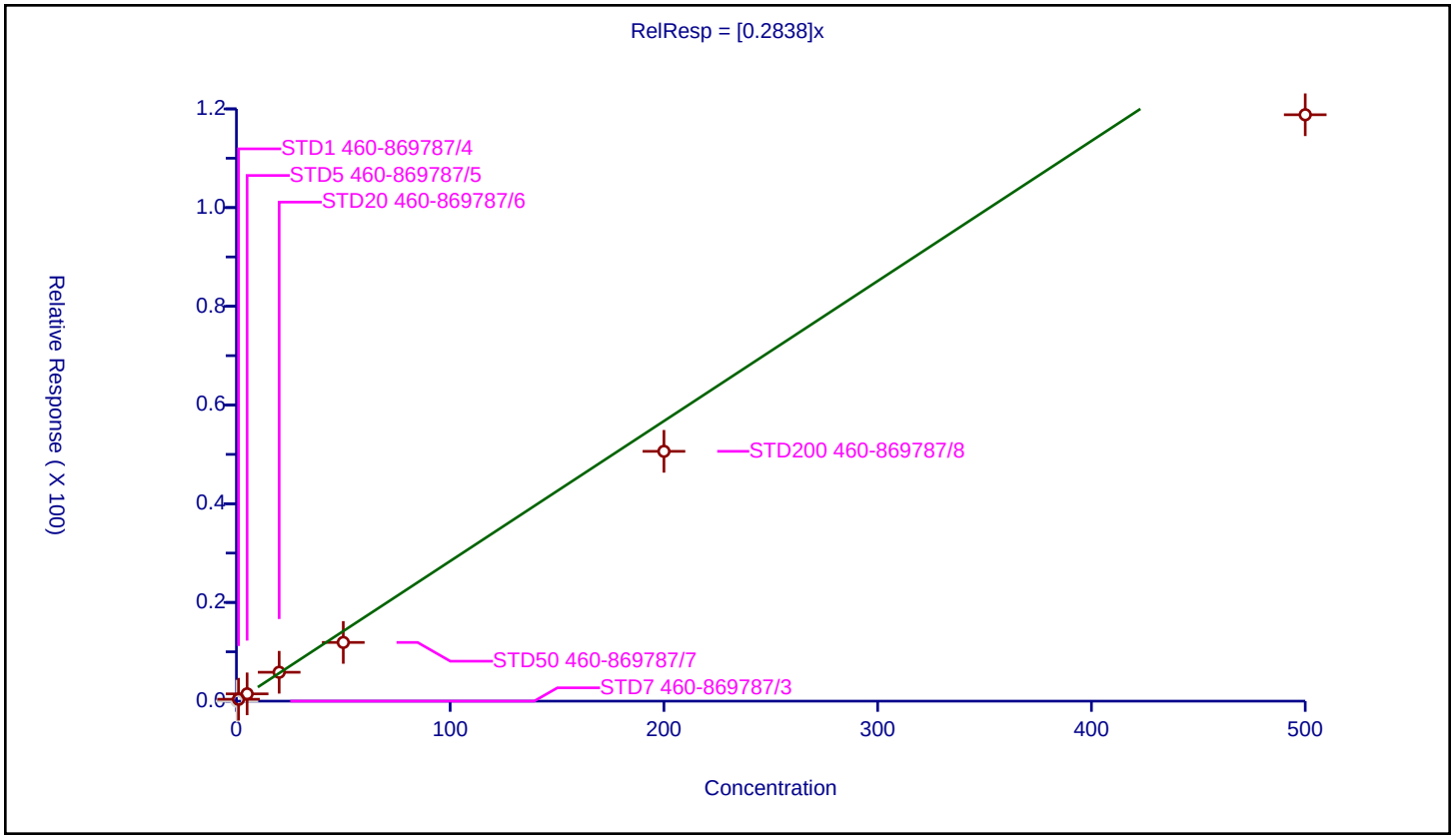
Curve Coefficients

Intercept:	0
Slope:	0.2838

Error Coefficients

Standard Error:	622000
Relative Standard Error:	19.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.946

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.0	50.0	508613.0	0.0	N
2	STD1 460-869787/4	1.0	0.385607	50.0	493508.0	0.385607	Y
3	STD5 460-869787/5	5.0	1.477991	50.0	530585.0	0.295598	Y
4	STD20 460-869787/6	20.0	5.852187	50.0	512552.0	0.292609	Y
5	STD50 460-869787/7	50.0	11.898569	50.0	529820.0	0.237971	Y
6	STD200 460-869787/8	200.0	50.617805	50.0	530993.0	0.253089	Y
7	STD500 460-869787/9	500.0	118.814401	50.0	536581.0	0.237629	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

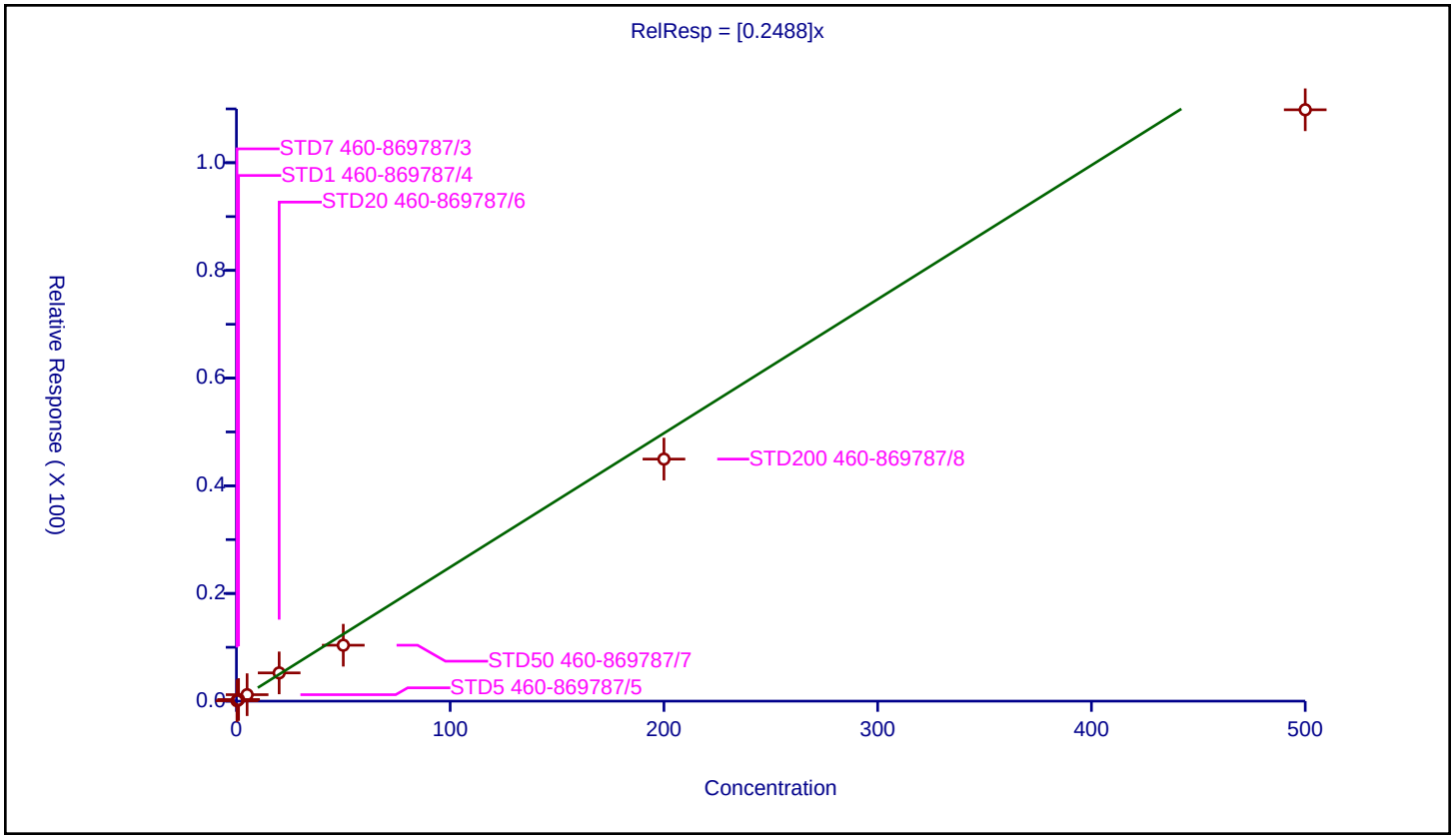
Curve Coefficients

Intercept:	0
Slope:	0.2488

Error Coefficients

Standard Error:	522000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.071567	50.0	508613.0	0.286269	Y
2	STD1 460-869787/4	1.0	0.301414	50.0	493508.0	0.301414	Y
3	STD5 460-869787/5	5.0	1.198112	50.0	530585.0	0.239622	Y
4	STD20 460-869787/6	20.0	5.248346	50.0	512552.0	0.262417	Y
5	STD50 460-869787/7	50.0	10.384659	50.0	529820.0	0.207693	Y
6	STD200 460-869787/8	200.0	44.953417	50.0	530993.0	0.224767	Y
7	STD500 460-869787/9	500.0	109.836446	50.0	536581.0	0.219673	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

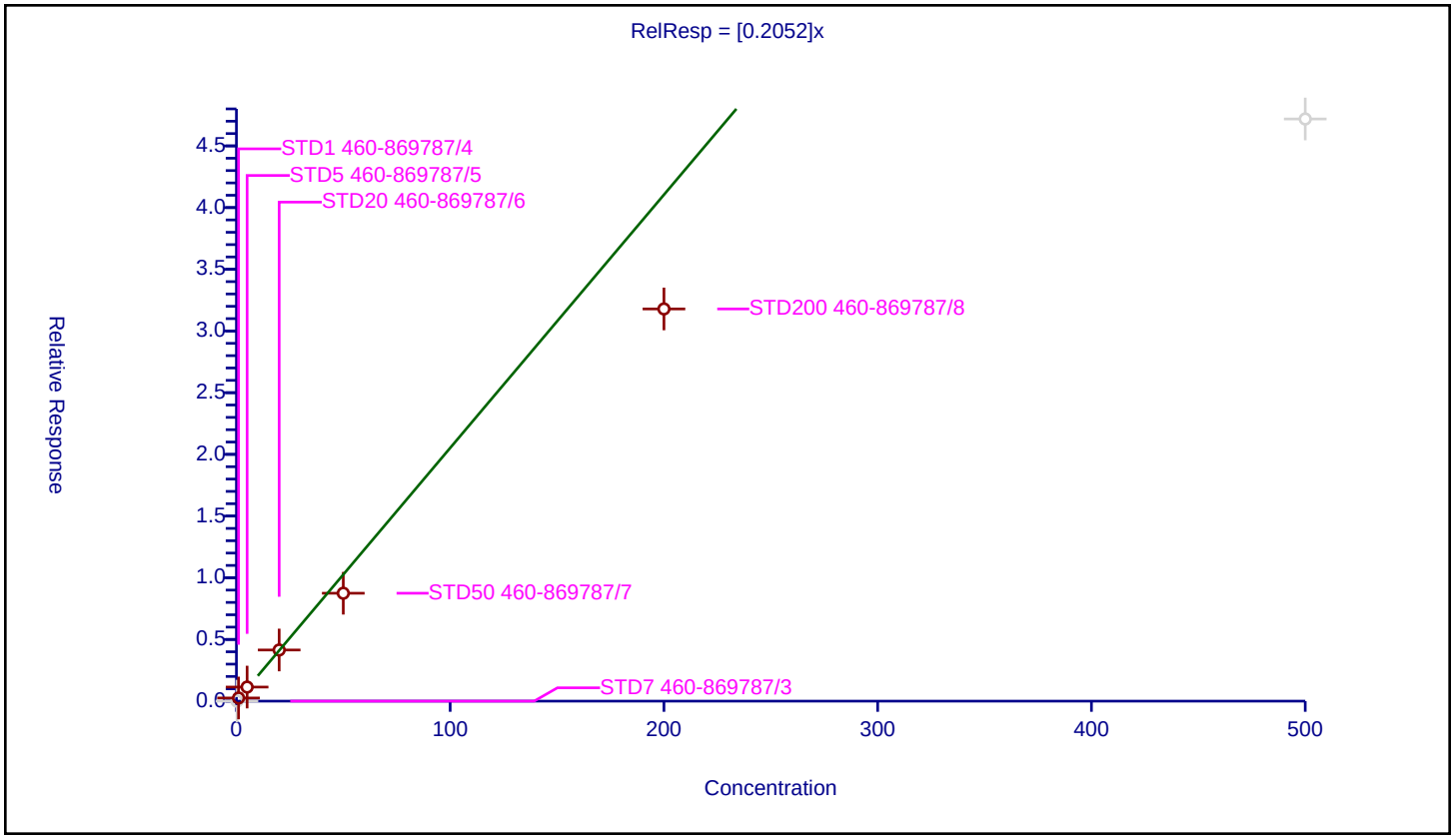
Curve Coefficients

Intercept:	0
Slope:	0.2052

Error Coefficients

Standard Error:	176000
Relative Standard Error:	19.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.0	50.0	508613.0	0.0	N
2	STD1 460-869787/4	1.0	0.256835	50.0	493508.0	0.256835	Y
3	STD5 460-869787/5	5.0	1.140534	50.0	530585.0	0.228107	Y
4	STD20 460-869787/6	20.0	4.146116	50.0	512552.0	0.207306	Y
5	STD50 460-869787/7	50.0	8.744574	50.0	529820.0	0.174891	Y
6	STD200 460-869787/8	200.0	31.78686	50.0	530993.0	0.158934	Y
7	STD500 460-869787/9	500.0	47.181786	50.0	536581.0	0.094364	N



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

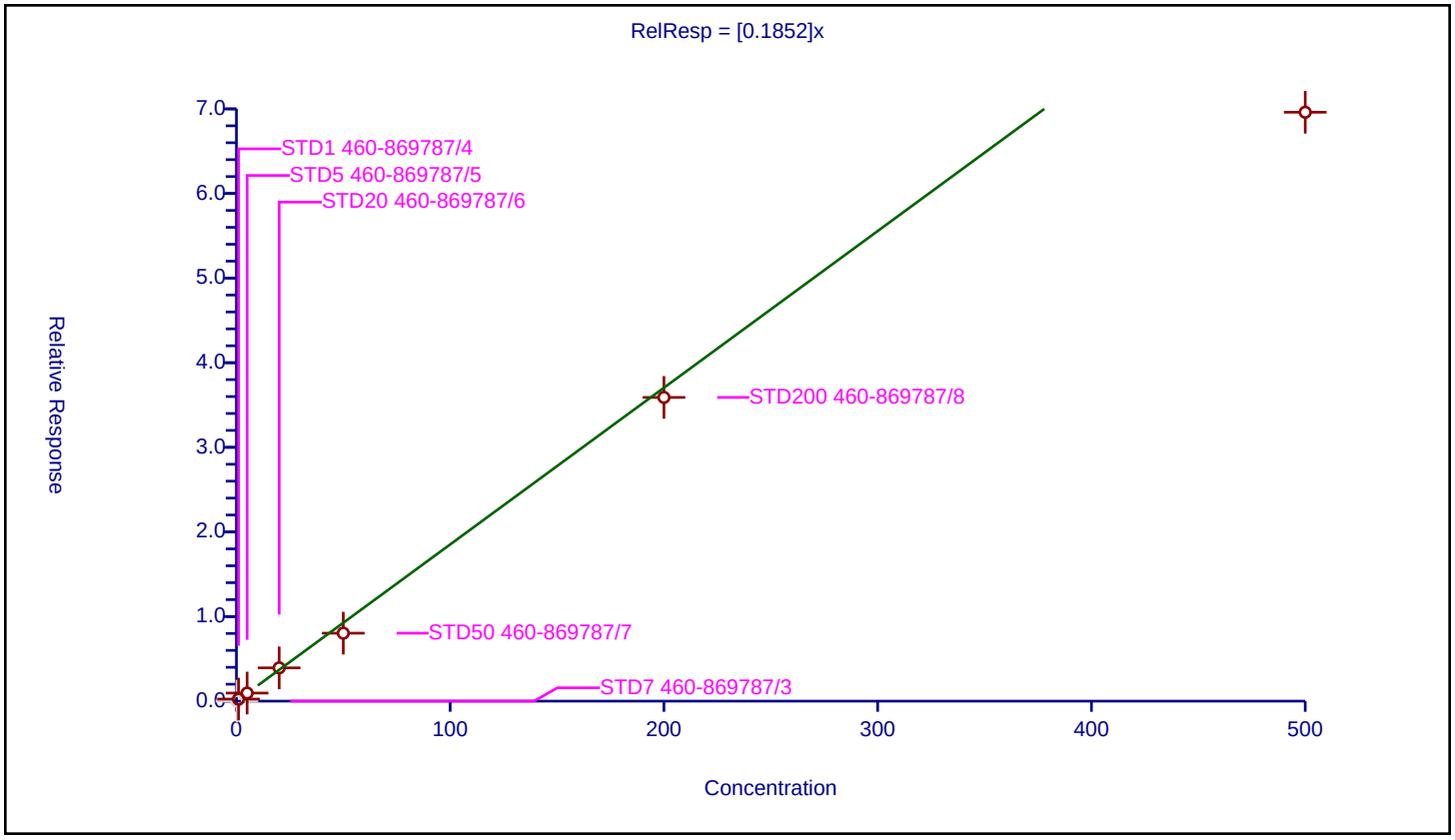
Curve Coefficients

Intercept:	0
Slope:	0.1852

Error Coefficients

Standard Error:	377000
Relative Standard Error:	19.3
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.0	50.0	508613.0	0.0	N
2	STD1 460-869787/4	1.0	0.244373	50.0	493508.0	0.244373	Y
3	STD5 460-869787/5	5.0	0.954607	50.0	530585.0	0.190921	Y
4	STD20 460-869787/6	20.0	3.931991	50.0	512552.0	0.1966	Y
5	STD50 460-869787/7	50.0	8.032917	50.0	529820.0	0.160658	Y
6	STD200 460-869787/8	200.0	35.896613	50.0	530993.0	0.179483	Y
7	STD500 460-869787/9	500.0	69.604496	50.0	536581.0	0.139209	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

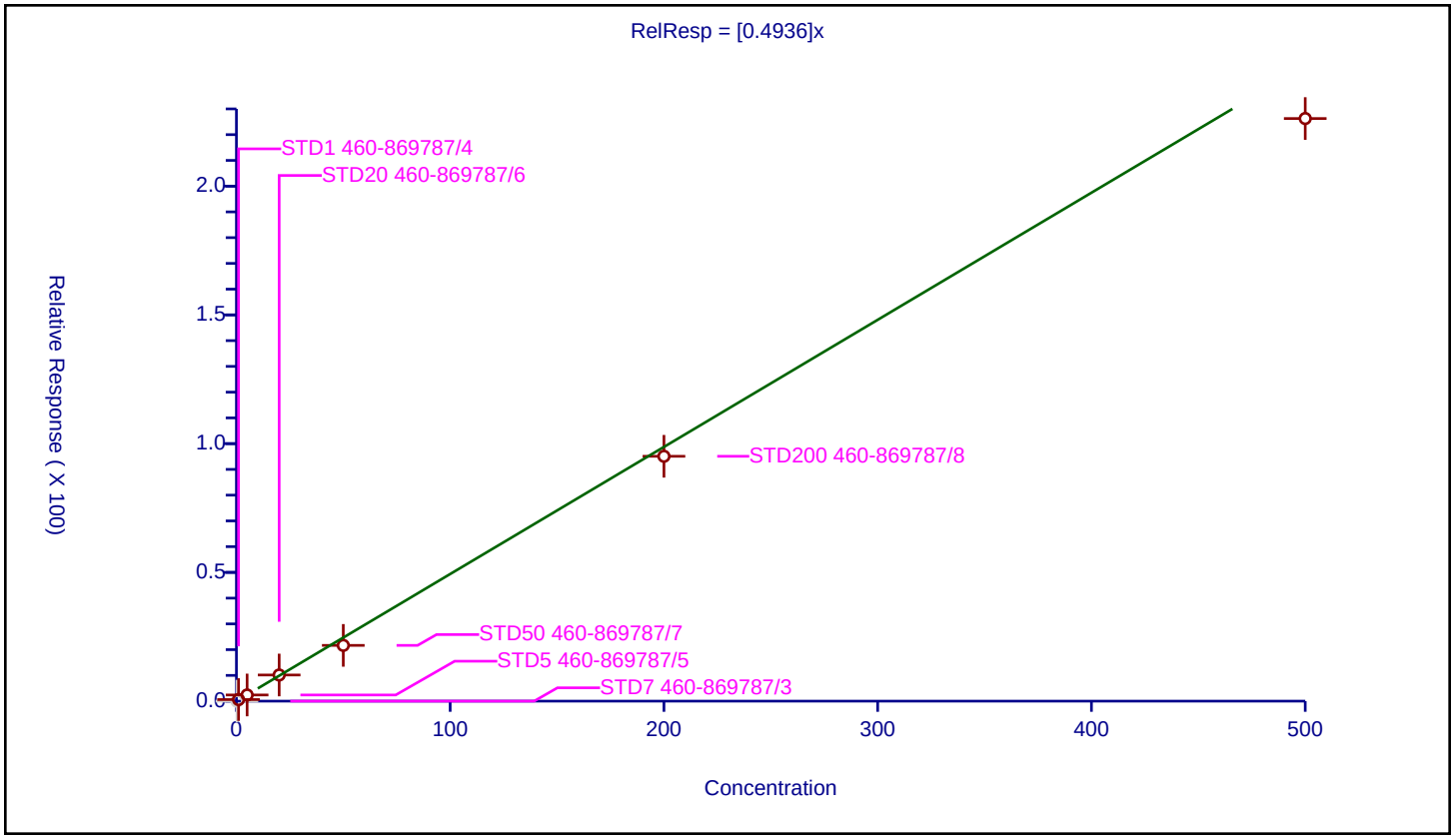
Curve Coefficients

Intercept:	0
Slope:	0.4936

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	13.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.0	50.0	508613.0	0.0	N
2	STD1 460-869787/4	1.0	0.614276	50.0	493508.0	0.614276	Y
3	STD5 460-869787/5	5.0	2.393396	50.0	530585.0	0.478679	Y
4	STD20 460-869787/6	20.0	10.15497	50.0	512552.0	0.507748	Y
5	STD50 460-869787/7	50.0	21.650372	50.0	529820.0	0.433007	Y
6	STD200 460-869787/8	200.0	95.088071	50.0	530993.0	0.47544	Y
7	STD500 460-869787/9	500.0	226.259782	50.0	536581.0	0.45252	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

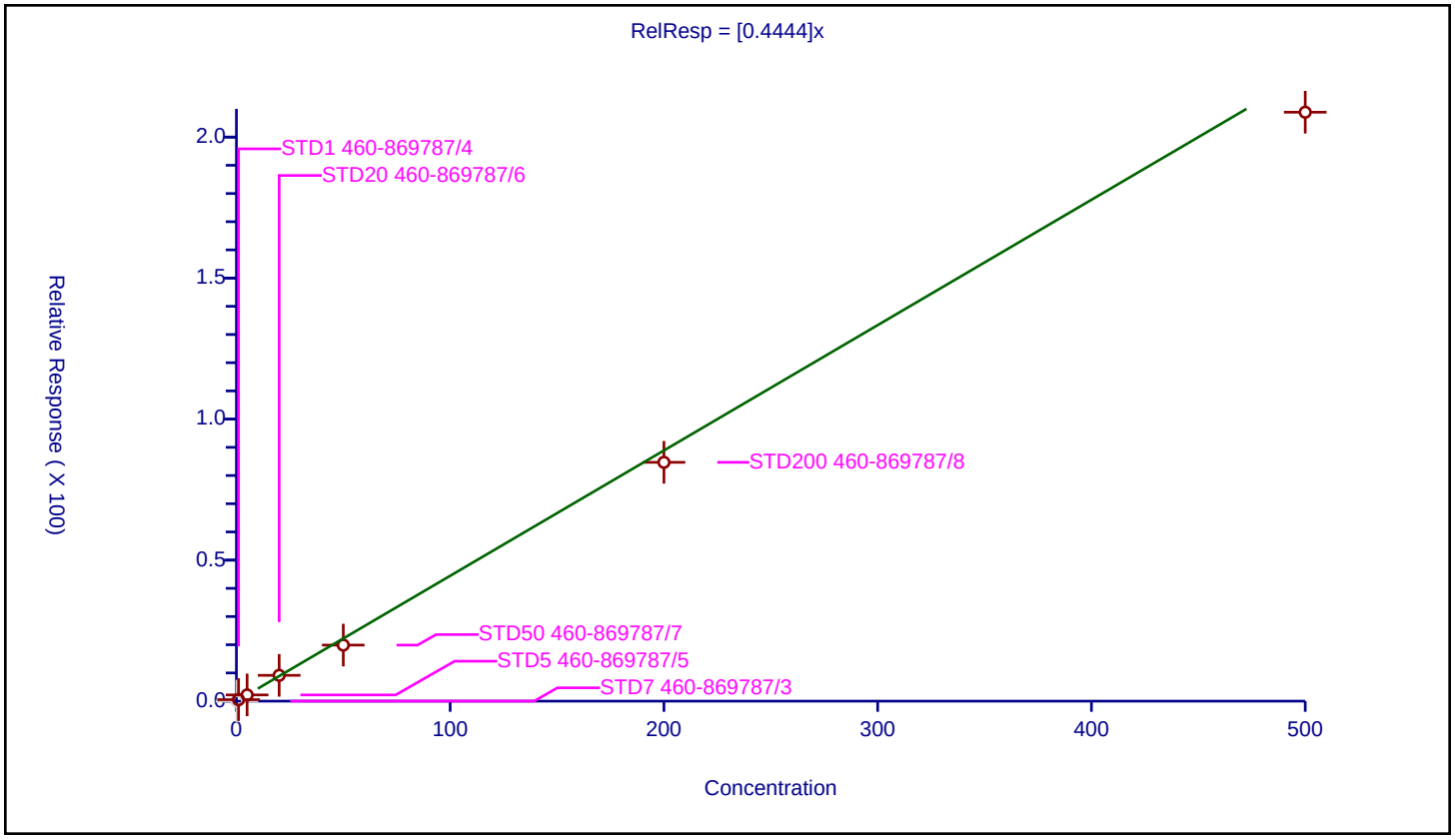
Curve Coefficients

Intercept:	0
Slope:	0.4444

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.25	0.0	50.0	508613.0	0.0	N
2	STD1 460-869787/4	1.0	0.53069	50.0	493508.0	0.53069	Y
3	STD5 460-869787/5	5.0	2.20125	50.0	530585.0	0.44025	Y
4	STD20 460-869787/6	20.0	9.141804	50.0	512552.0	0.45709	Y
5	STD50 460-869787/7	50.0	19.870805	50.0	529820.0	0.397416	Y
6	STD200 460-869787/8	200.0	84.681531	50.0	530993.0	0.423408	Y
7	STD500 460-869787/9	500.0	208.815072	50.0	536581.0	0.41763	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

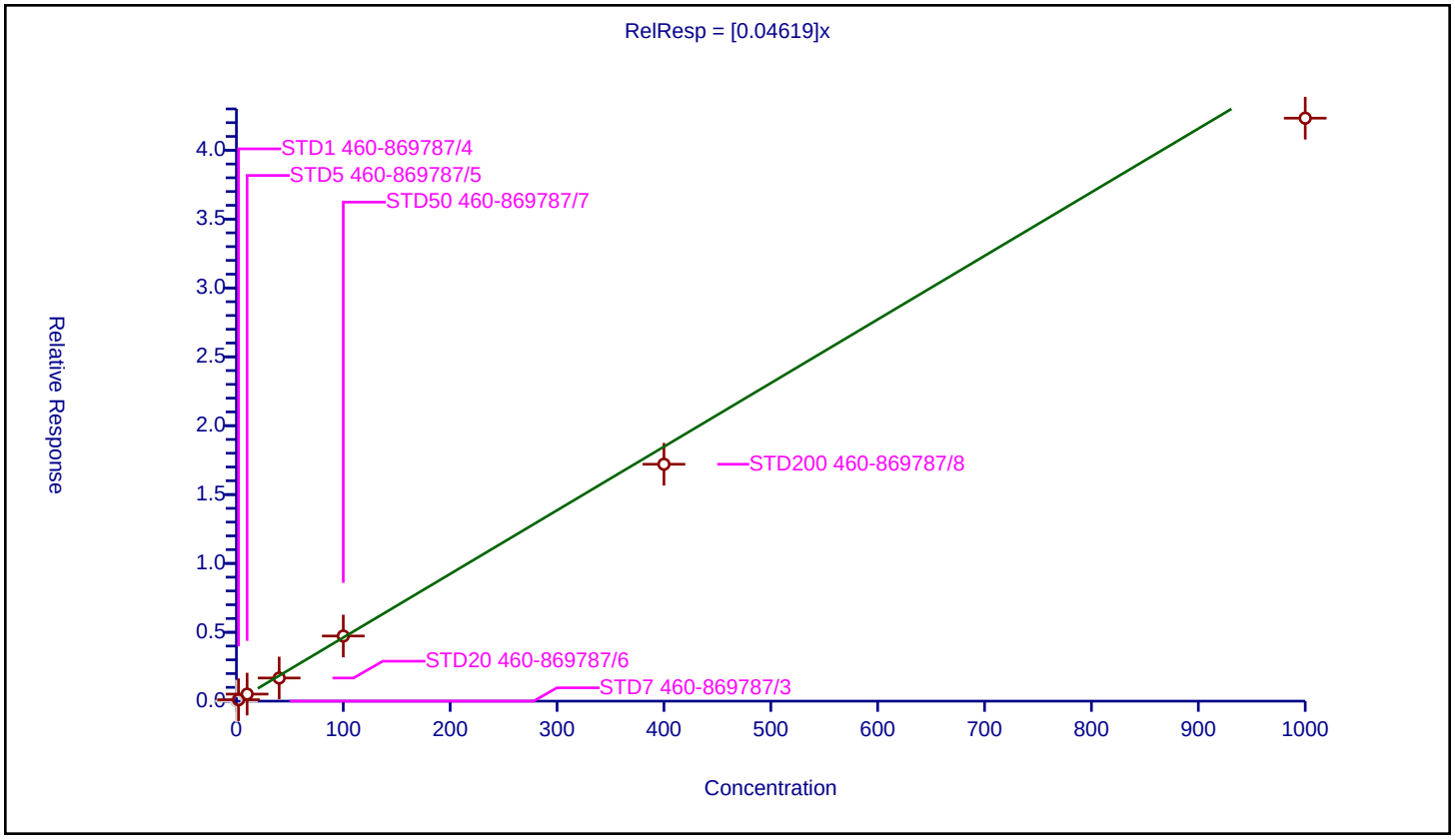
Curve Coefficients

Intercept:	0
Slope:	0.04619

Error Coefficients

Standard Error:	220000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	2.0	0.102835	50.0	493508.0	0.051418	Y
3	STD5 460-869787/5	10.0	0.510945	50.0	530585.0	0.051095	Y
4	STD20 460-869787/6	40.0	1.679049	50.0	512552.0	0.041976	Y
5	STD50 460-869787/7	100.0	4.729436	50.0	529820.0	0.047294	Y
6	STD200 460-869787/8	400.0	17.200321	50.0	530993.0	0.043001	Y
7	STD500 460-869787/9	1000.0	42.327719	50.0	536581.0	0.042328	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

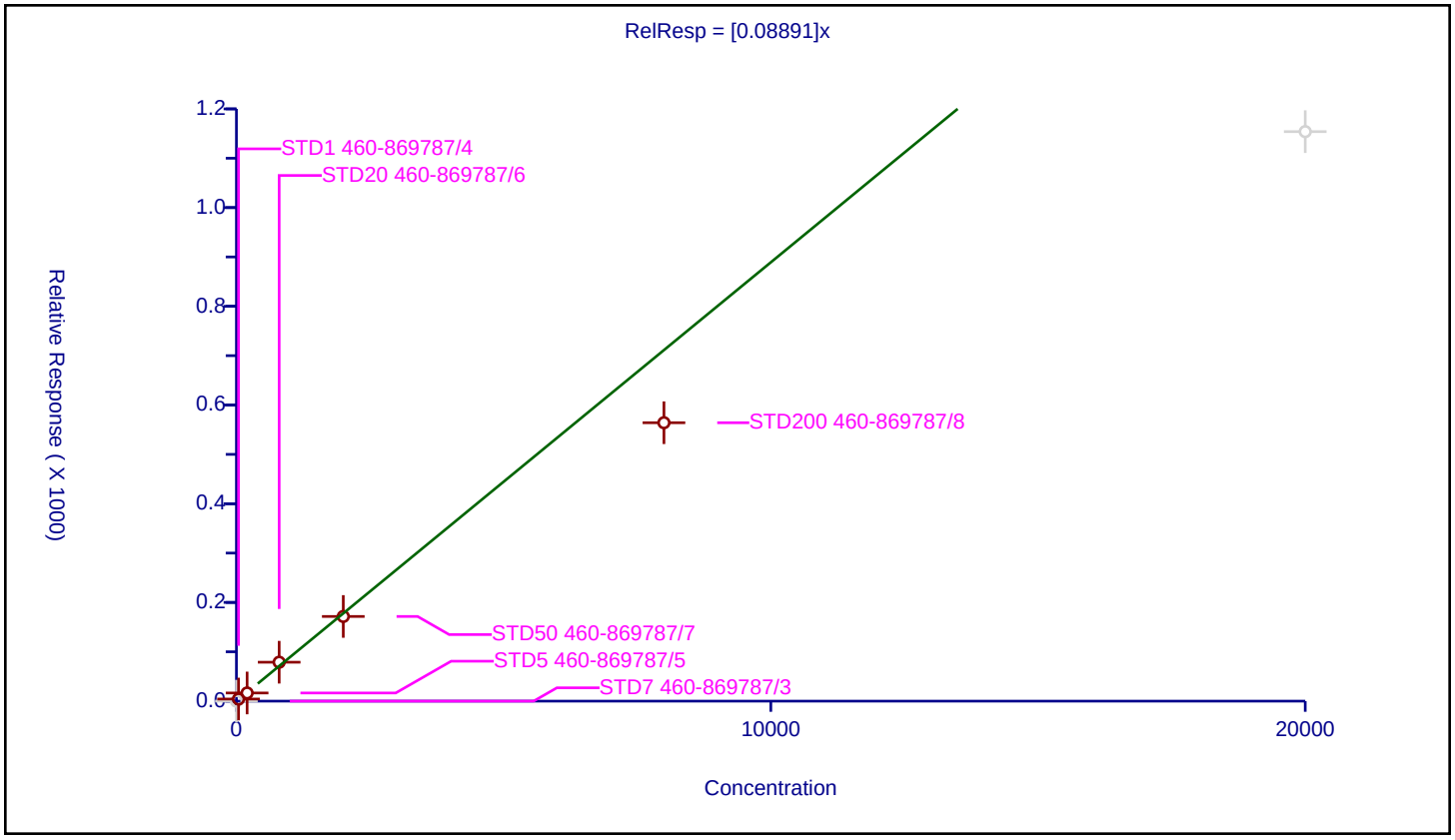
Curve Coefficients

Intercept:	0
Slope:	0.08891

Error Coefficients

Standard Error:	43800
Relative Standard Error:	15.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	40.0	4.273368	1000.0	125896.0	0.106834	Y
3	STD5 460-869787/5	200.0	16.561363	1000.0	140387.0	0.082807	Y
4	STD20 460-869787/6	800.0	78.886429	1000.0	117460.0	0.098608	Y
5	STD50 460-869787/7	2000.0	171.593237	1000.0	138636.0	0.085797	Y
6	STD200 460-869787/8	8000.0	564.135086	1000.0	149801.0	0.070517	Y
7	STD500 460-869787/9	20000.0	1153.935607	1000.0	184025.0	0.057697	N



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

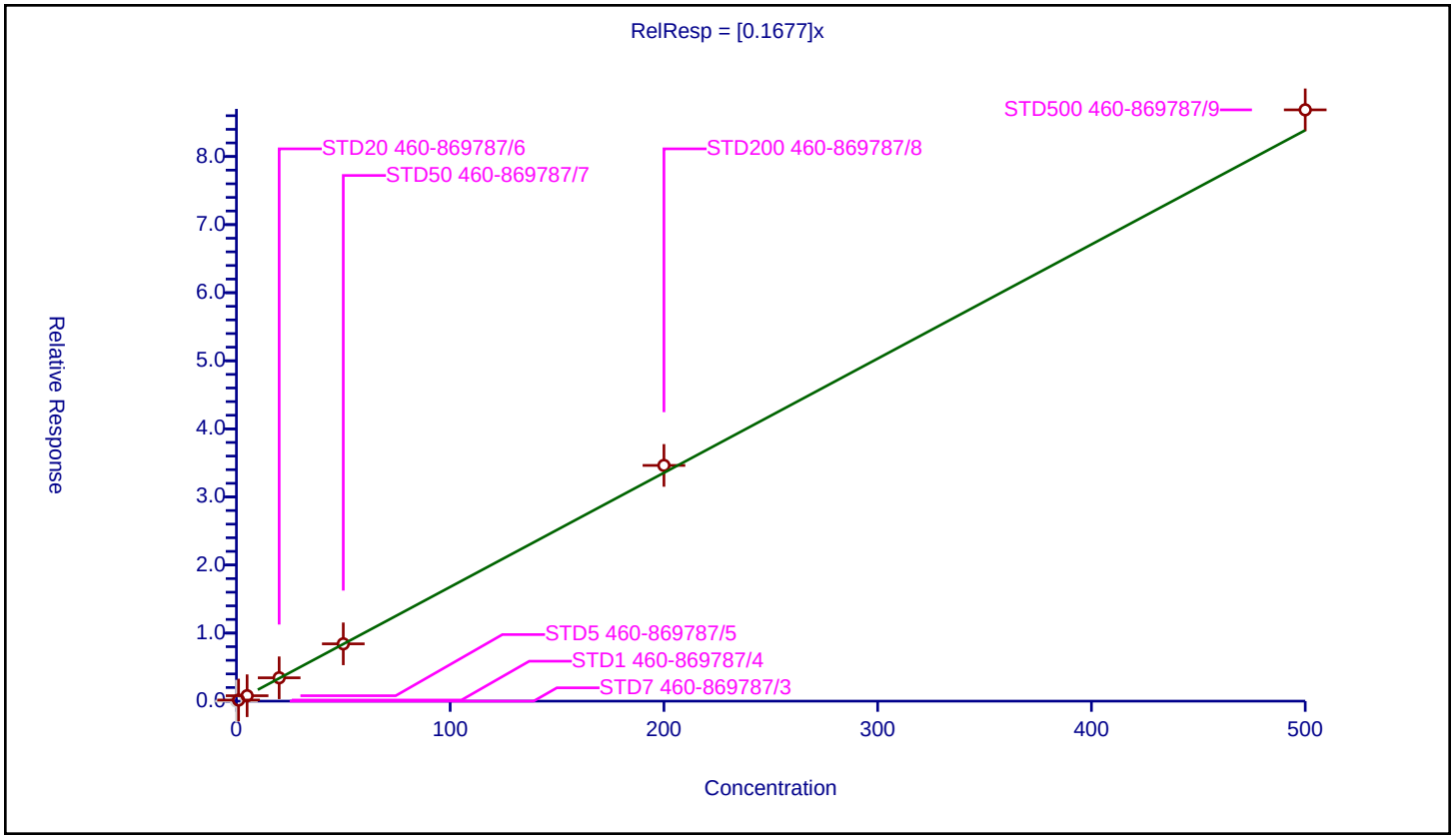
Curve Coefficients

Intercept:	0
Slope:	0.1677

Error Coefficients

Standard Error:	450000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.160484	50.0	493508.0	0.160484	Y
3	STD5 460-869787/5	5.0	0.795914	50.0	530585.0	0.159183	Y
4	STD20 460-869787/6	20.0	3.430481	50.0	512552.0	0.171524	Y
5	STD50 460-869787/7	50.0	8.416443	50.0	529820.0	0.168329	Y
6	STD200 460-869787/8	200.0	34.626822	50.0	530993.0	0.173134	Y
7	STD500 460-869787/9	500.0	86.85725	50.0	536581.0	0.173714	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

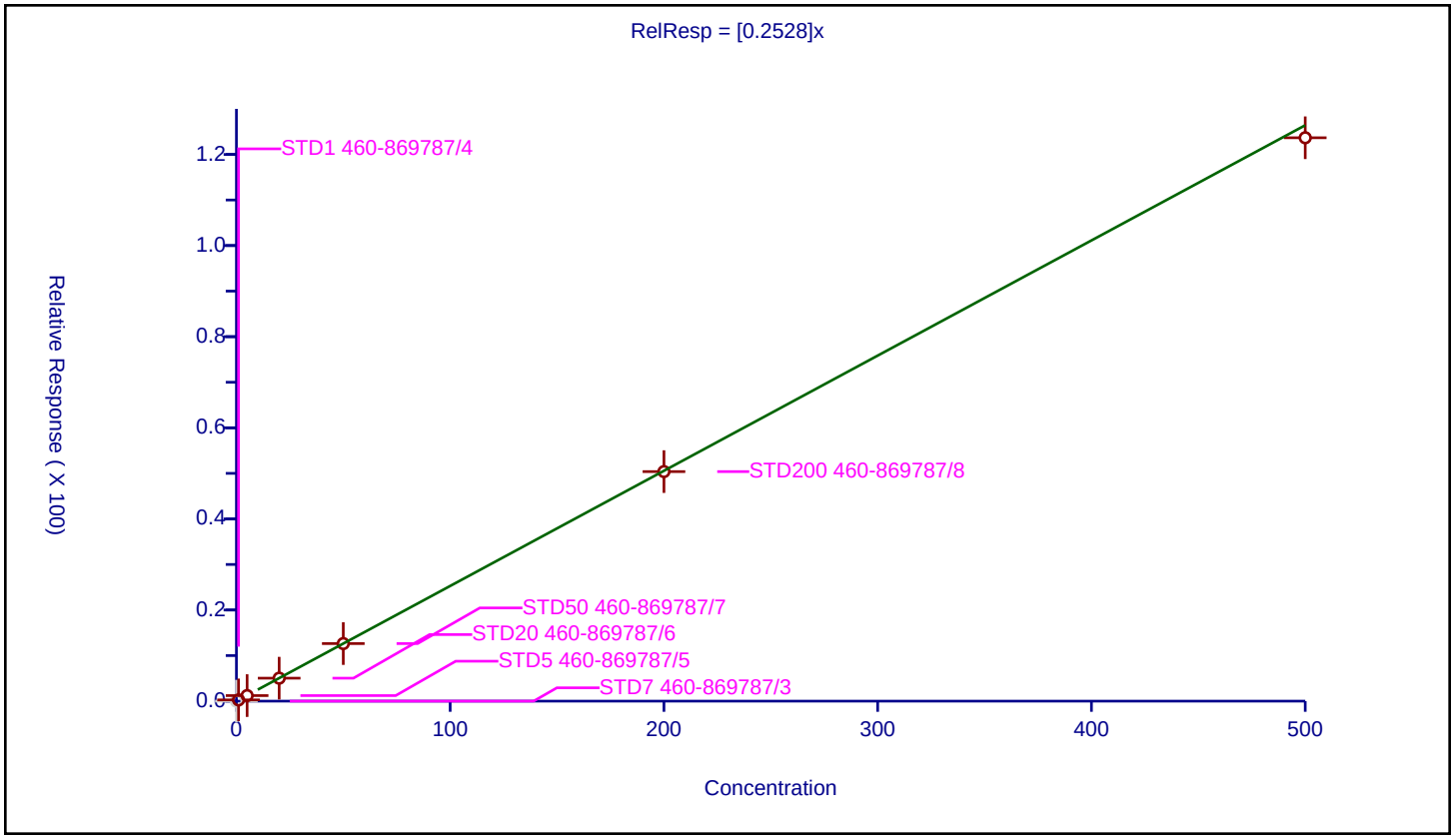
Curve Coefficients

Intercept:	0
Slope:	0.2528

Error Coefficients

Standard Error:	643000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.269094	50.0	493508.0	0.269094	Y
3	STD5 460-869787/5	5.0	1.218938	50.0	530585.0	0.243788	Y
4	STD20 460-869787/6	20.0	5.040464	50.0	512552.0	0.252023	Y
5	STD50 460-869787/7	50.0	12.63599	50.0	529820.0	0.25272	Y
6	STD200 460-869787/8	200.0	50.385222	50.0	530993.0	0.251926	Y
7	STD500 460-869787/9	500.0	123.660361	50.0	536581.0	0.247321	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

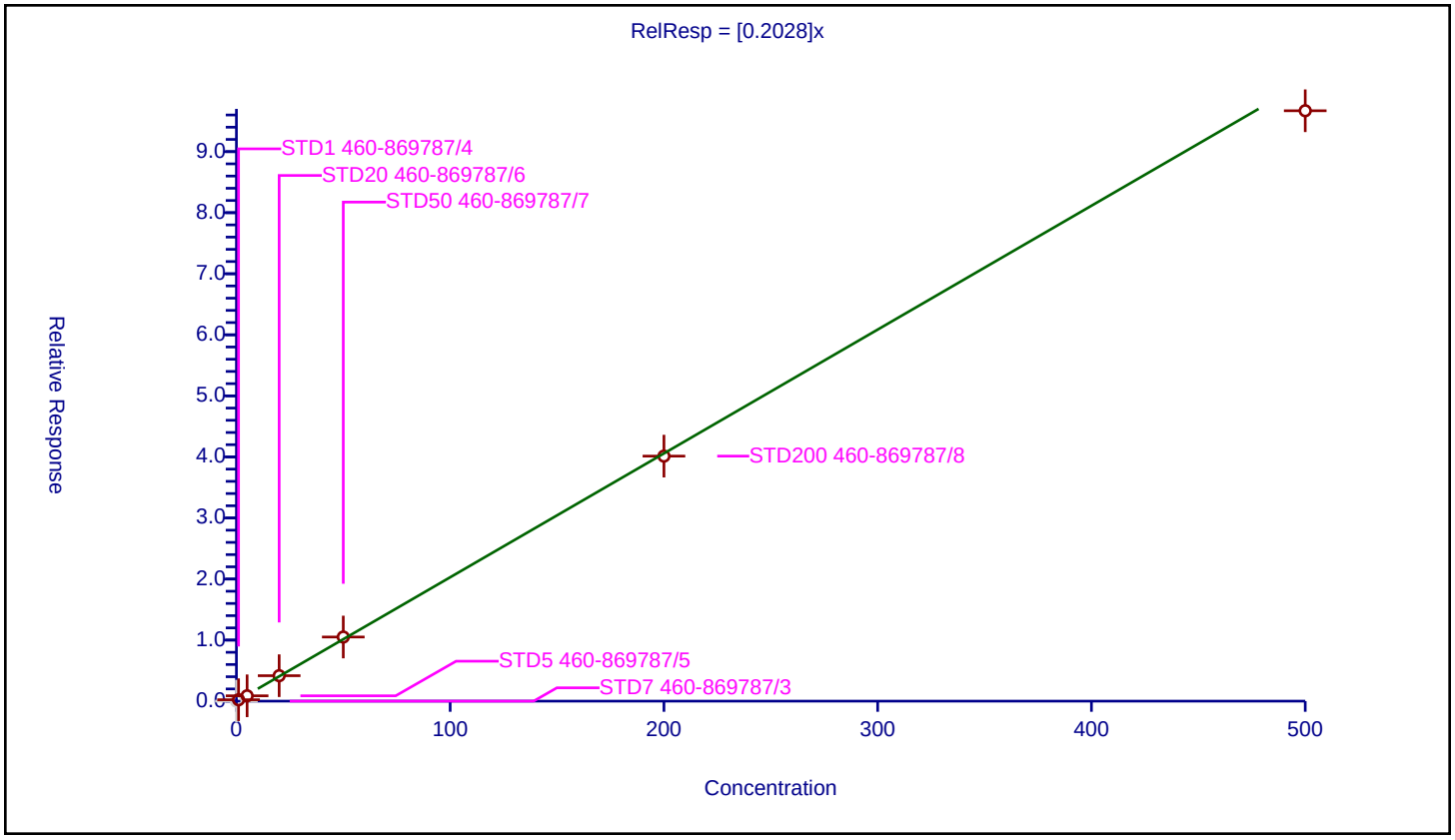
Curve Coefficients

Intercept:	0
Slope:	0.2028

Error Coefficients

Standard Error:	504000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.229784	50.0	493508.0	0.229784	Y
3	STD5 460-869787/5	5.0	0.874412	50.0	530585.0	0.174882	Y
4	STD20 460-869787/6	20.0	4.167089	50.0	512552.0	0.208354	Y
5	STD50 460-869787/7	50.0	10.501302	50.0	529820.0	0.210026	Y
6	STD200 460-869787/8	200.0	40.128872	50.0	530993.0	0.200644	Y
7	STD500 460-869787/9	500.0	96.696771	50.0	536581.0	0.193394	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

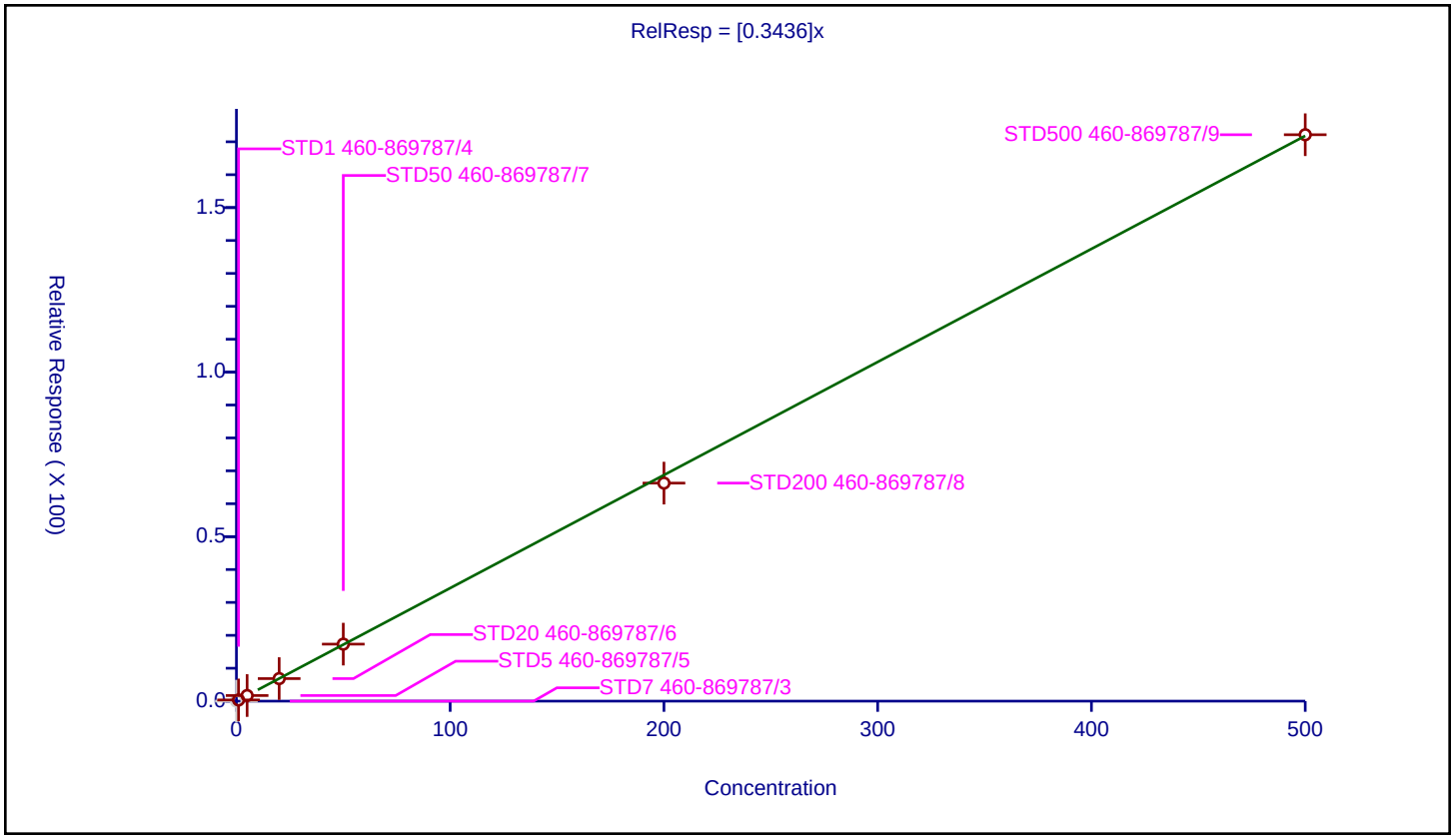
Curve Coefficients

Intercept:	0
Slope:	0.3436

Error Coefficients

Standard Error:	888000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.356327	50.0	493508.0	0.356327	Y
3	STD5 460-869787/5	5.0	1.703214	50.0	530585.0	0.340643	Y
4	STD20 460-869787/6	20.0	6.850427	50.0	512552.0	0.342521	Y
5	STD50 460-869787/7	50.0	17.327394	50.0	529820.0	0.346548	Y
6	STD200 460-869787/8	200.0	66.267823	50.0	530993.0	0.331339	Y
7	STD500 460-869787/9	500.0	172.151083	50.0	536581.0	0.344302	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

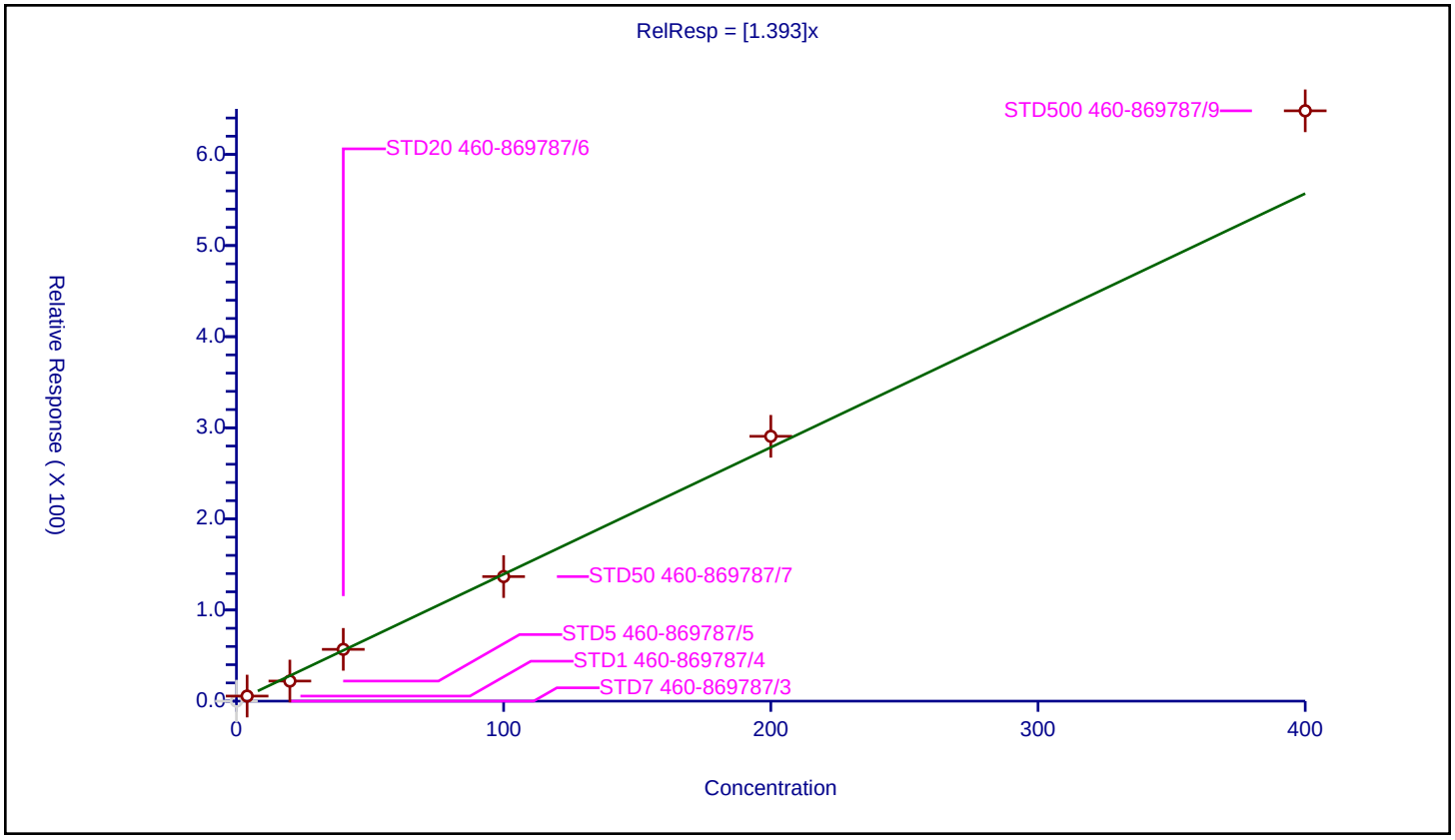
Curve Coefficients

Intercept:	0
Slope:	1.393

Error Coefficients

Standard Error:	57200
Relative Standard Error:	12.0
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	4.0	5.568088	1000.0	125896.0	1.392022	Y
3	STD5 460-869787/5	20.0	22.053324	1000.0	140387.0	1.102666	Y
4	STD20 460-869787/6	40.0	56.853397	1000.0	117460.0	1.421335	Y
5	STD50 460-869787/7	100.0	136.710523	1000.0	138636.0	1.367105	Y
6	STD200 460-869787/8	200.0	290.672292	1000.0	149801.0	1.453361	Y
7	STD500 460-869787/9	400.0	647.890232	1000.0	184025.0	1.619726	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

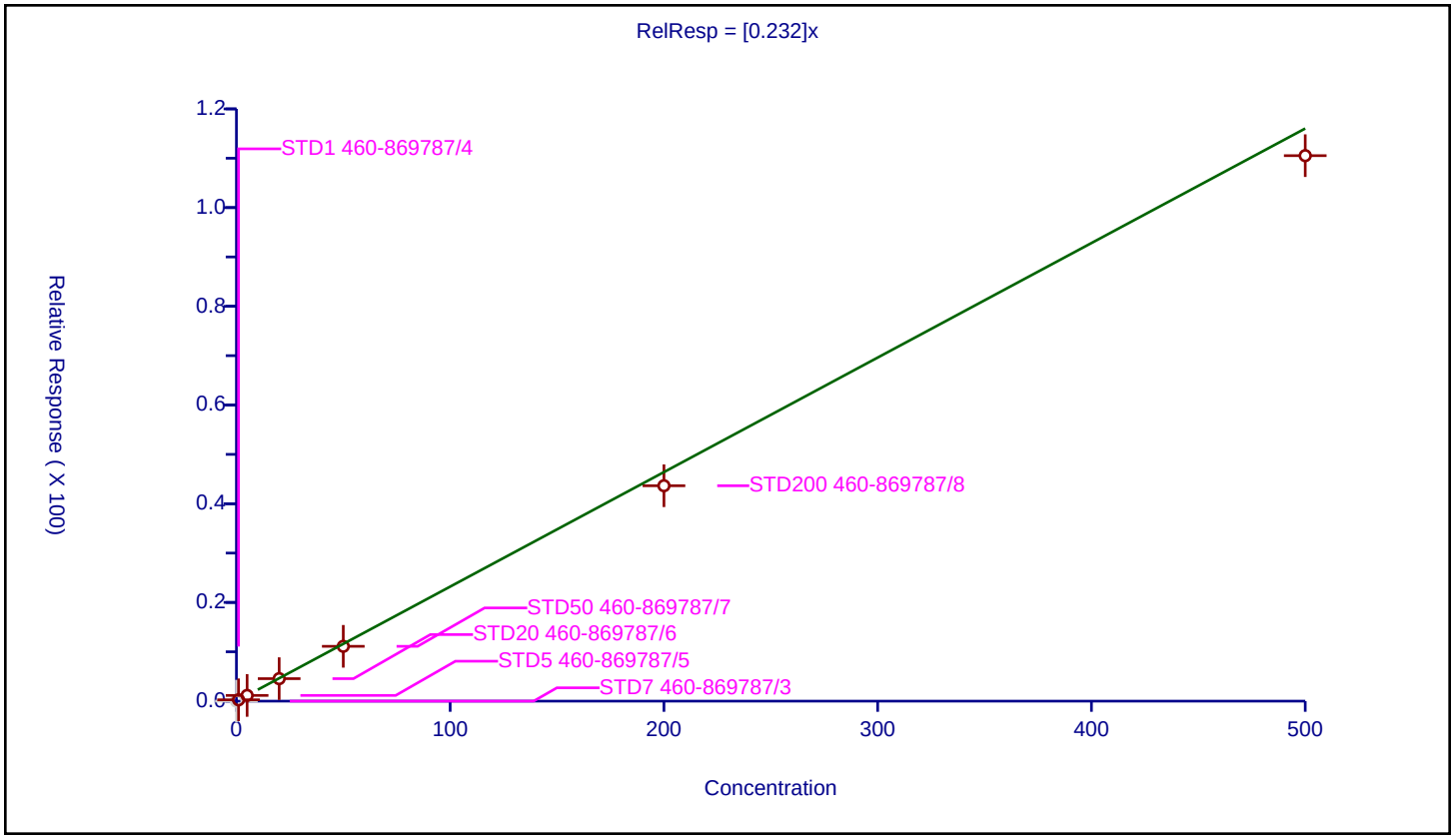
Curve Coefficients

Intercept:	0
Slope:	0.232

Error Coefficients

Standard Error:	572000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.27112	50.0	493508.0	0.27112	Y
3	STD5 460-869787/5	5.0	1.16004	50.0	530585.0	0.232008	Y
4	STD20 460-869787/6	20.0	4.55544	50.0	512552.0	0.227772	Y
5	STD50 460-869787/7	50.0	11.106225	50.0	529820.0	0.222124	Y
6	STD200 460-869787/8	200.0	43.642948	50.0	530993.0	0.218215	Y
7	STD500 460-869787/9	500.0	110.521617	50.0	536581.0	0.221043	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

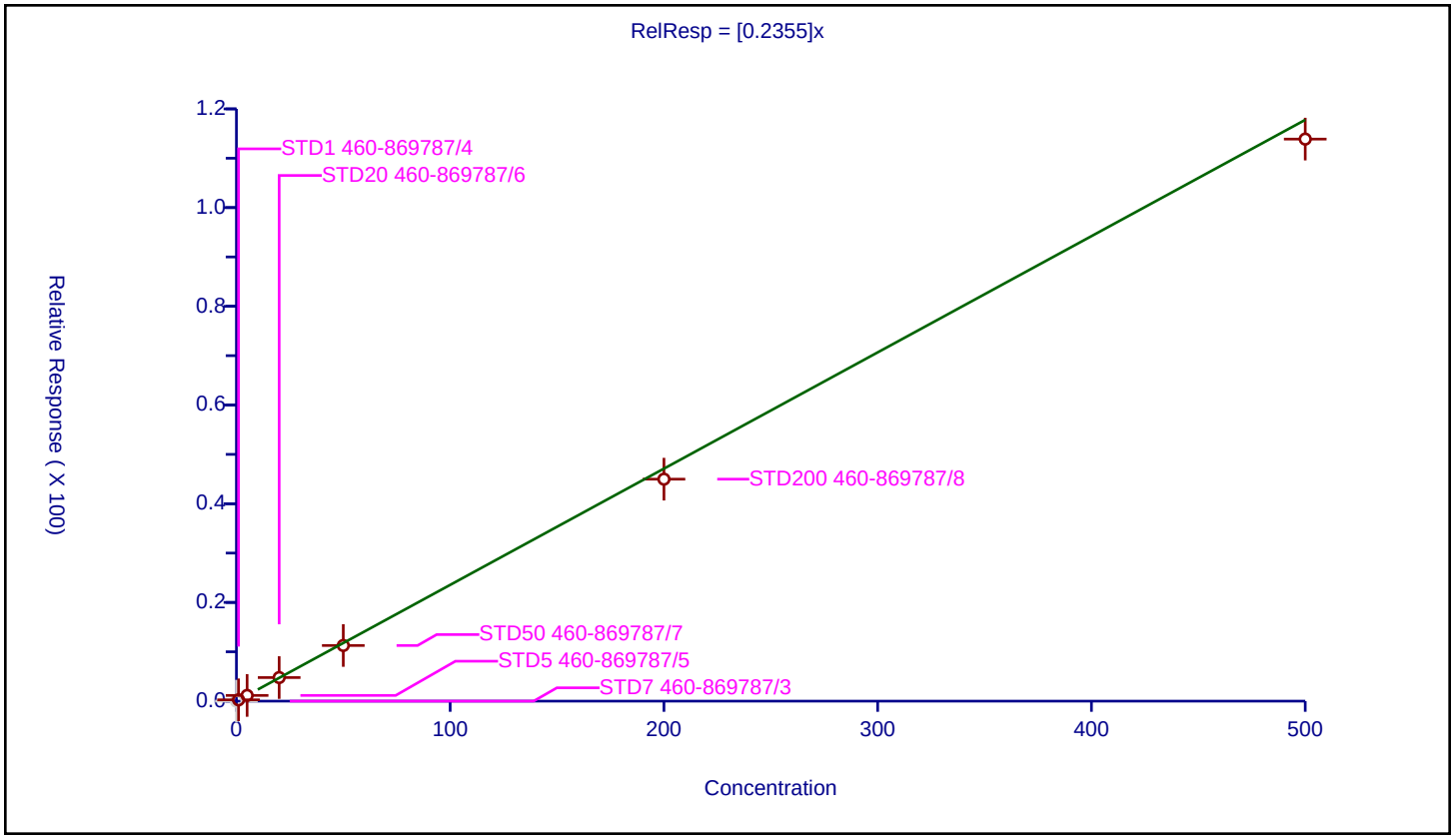
Curve Coefficients

Intercept:	0
Slope:	0.2355

Error Coefficients

Standard Error:	590000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.264535	50.0	493508.0	0.264535	Y
3	STD5 460-869787/5	5.0	1.158627	50.0	530585.0	0.231725	Y
4	STD20 460-869787/6	20.0	4.776589	50.0	512552.0	0.238829	Y
5	STD50 460-869787/7	50.0	11.277037	50.0	529820.0	0.225541	Y
6	STD200 460-869787/8	200.0	44.976582	50.0	530993.0	0.224883	Y
7	STD500 460-869787/9	500.0	113.878427	50.0	536581.0	0.227757	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

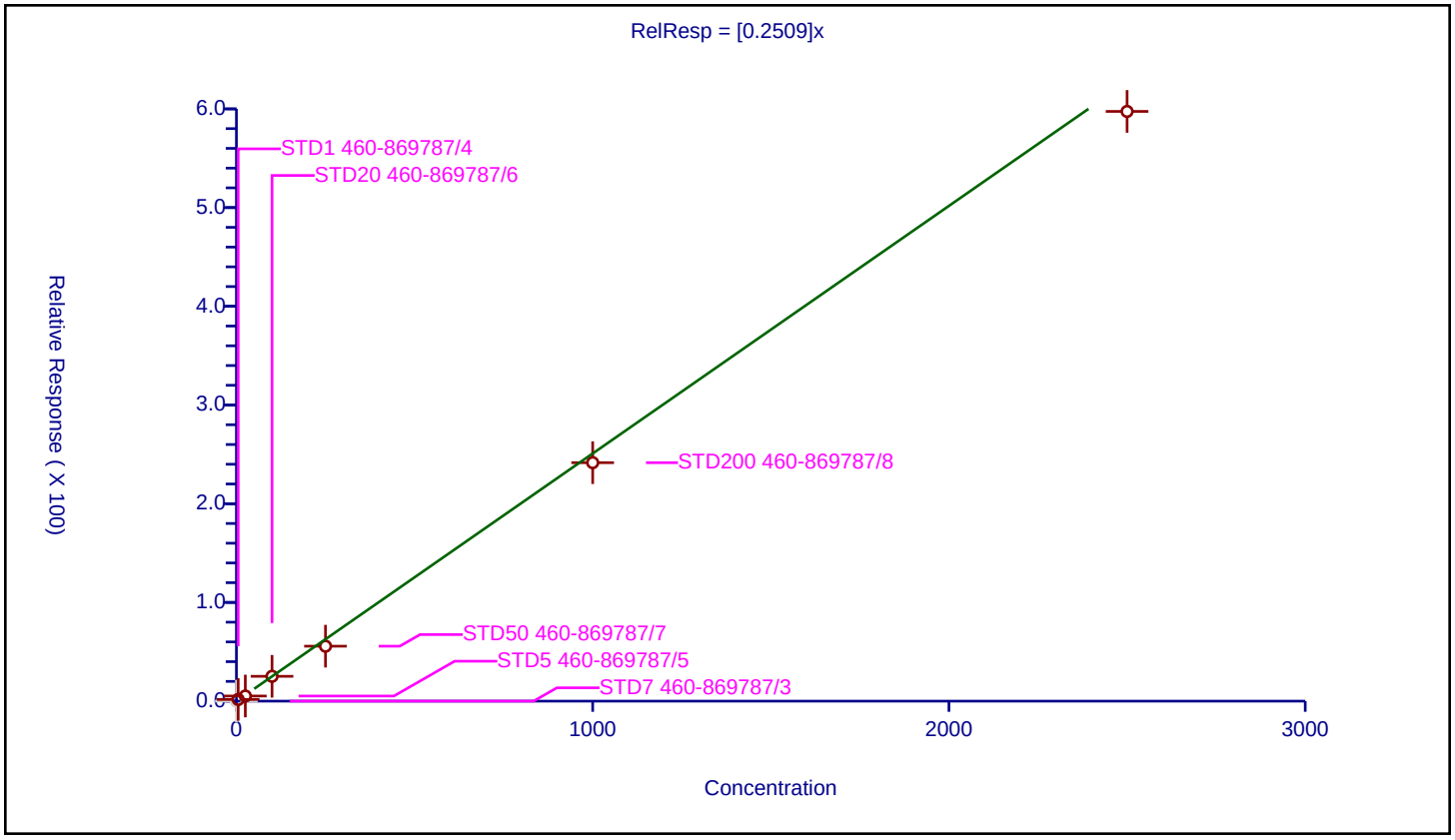
Curve Coefficients

Intercept:	0
Slope:	0.2509

Error Coefficients

Standard Error:	212000
Relative Standard Error:	19.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.951

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	5.0	1.713649	250.0	116710.0	0.34273	Y
3	STD5 460-869787/5	25.0	5.192373	250.0	135102.0	0.207695	Y
4	STD20 460-869787/6	100.0	25.157069	250.0	124786.0	0.251571	Y
5	STD50 460-869787/7	250.0	55.665138	250.0	162485.0	0.222661	Y
6	STD200 460-869787/8	1000.0	241.589222	250.0	174211.0	0.241589	Y
7	STD500 460-869787/9	2500.0	597.423706	250.0	185499.0	0.238969	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

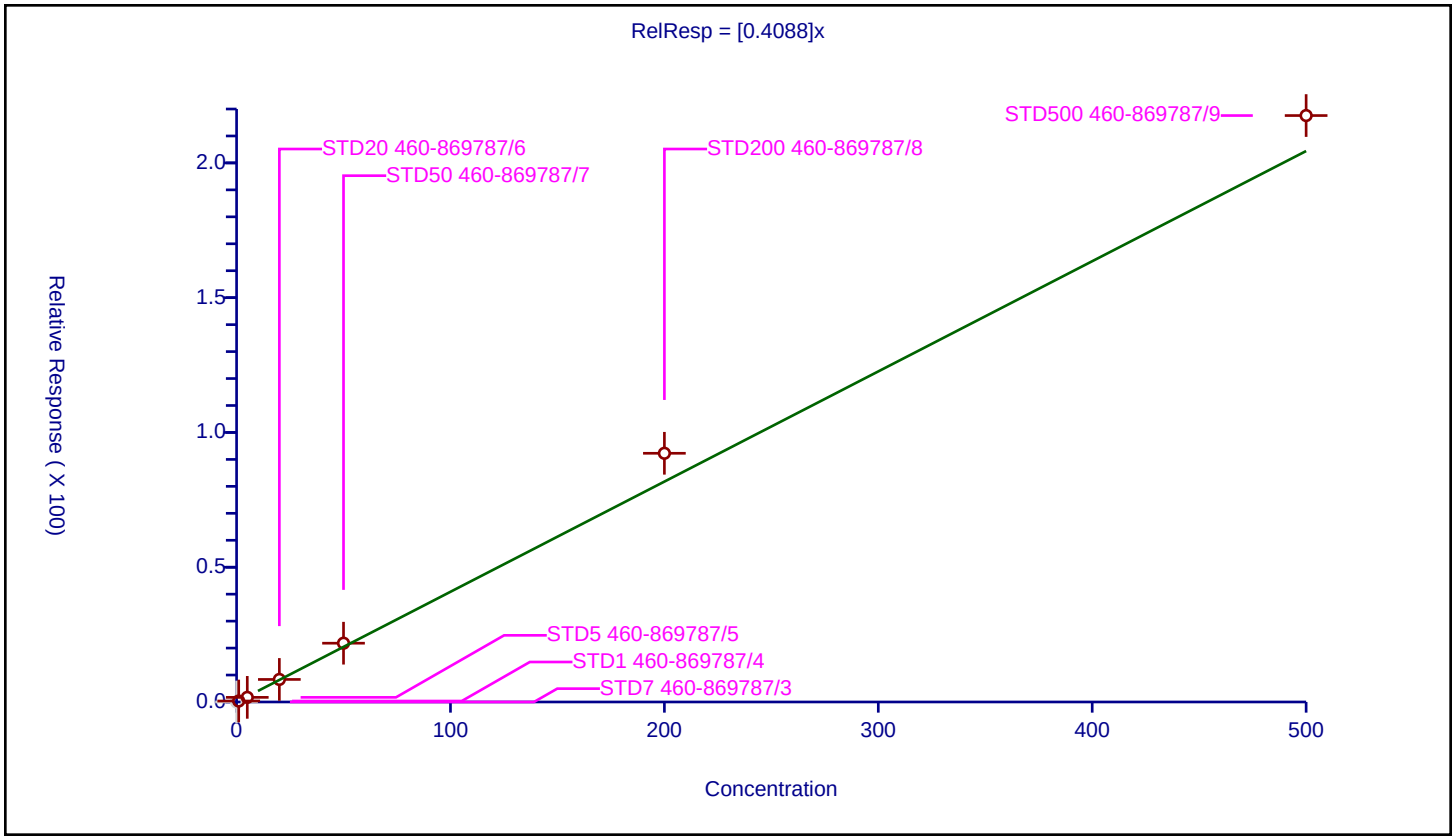
Curve Coefficients

Intercept:	0
Slope:	0.4088

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.358555	50.0	493508.0	0.358555	Y
3	STD5 460-869787/5	5.0	1.718009	50.0	530585.0	0.343602	Y
4	STD20 460-869787/6	20.0	8.360225	50.0	512552.0	0.418011	Y
5	STD50 460-869787/7	50.0	21.811559	50.0	529820.0	0.436231	Y
6	STD200 460-869787/8	200.0	92.272215	50.0	530993.0	0.461361	Y
7	STD500 460-869787/9	500.0	217.57442	50.0	536581.0	0.435149	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

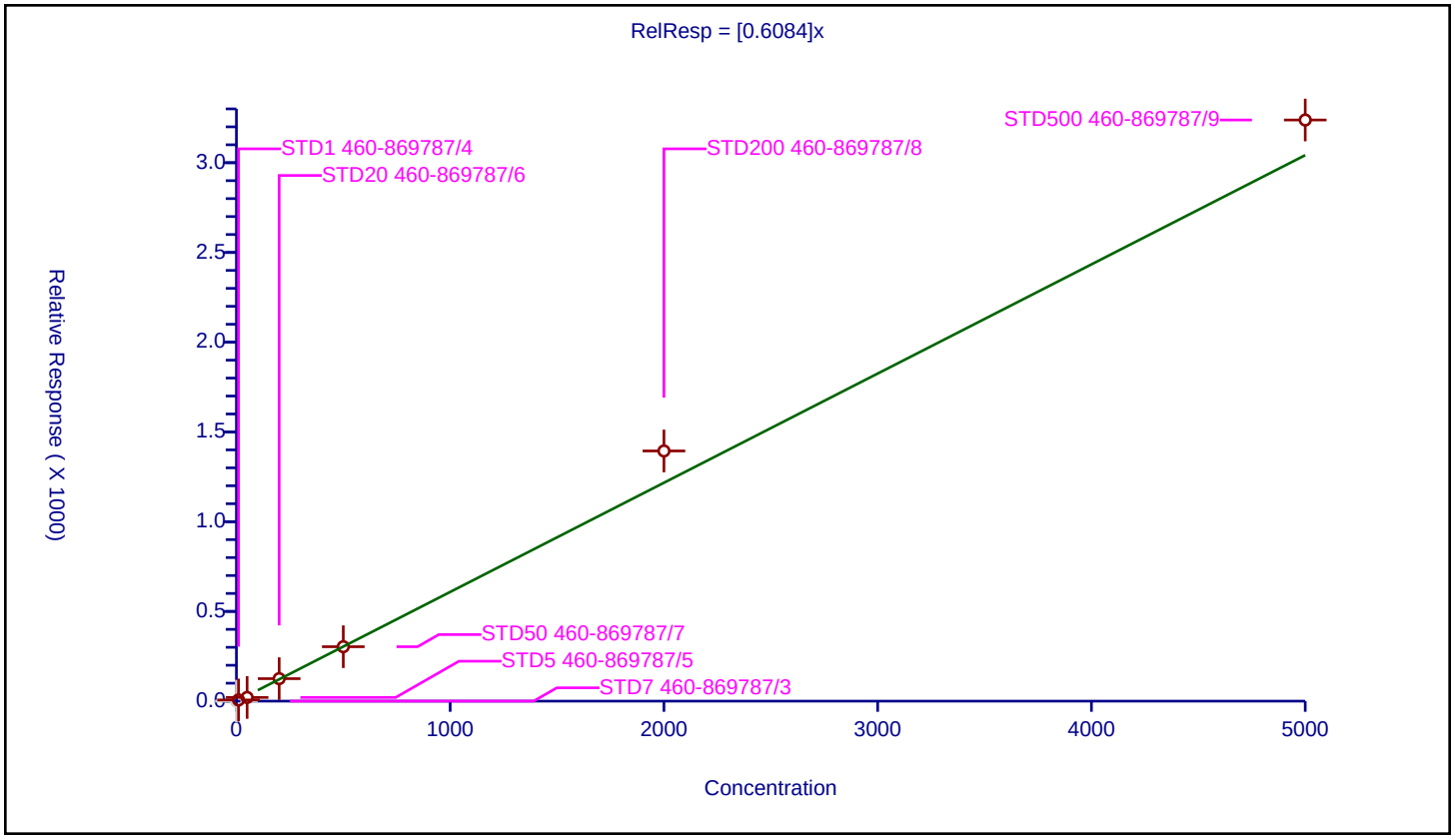
Curve Coefficients

Intercept:	0
Slope:	0.6084

Error Coefficients

Standard Error:	282000
Relative Standard Error:	16.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	10.0	6.624515	1000.0	125896.0	0.662452	Y
3	STD5 460-869787/5	50.0	20.500474	1000.0	140387.0	0.410009	Y
4	STD20 460-869787/6	200.0	125.344798	1000.0	117460.0	0.626724	Y
5	STD50 460-869787/7	500.0	303.319484	1000.0	138636.0	0.606639	Y
6	STD200 460-869787/8	2000.0	1394.042763	1000.0	149801.0	0.697021	Y
7	STD500 460-869787/9	5000.0	3238.070914	1000.0	184025.0	0.647614	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

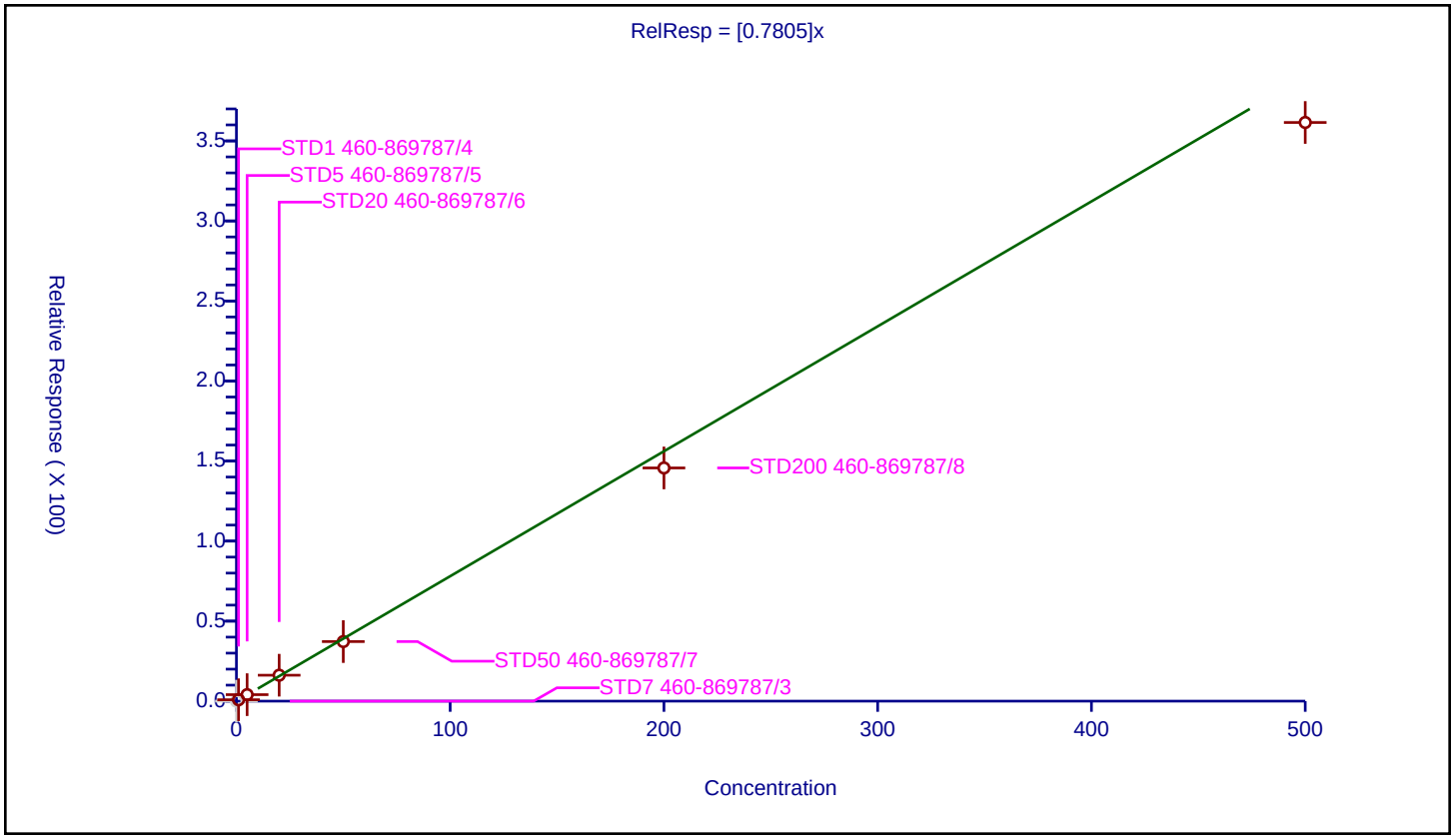
Curve Coefficients

Intercept:	0
Slope:	0.7805

Error Coefficients

Standard Error:	1880000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.867666	50.0	493508.0	0.867666	Y
3	STD5 460-869787/5	5.0	4.047796	50.0	530585.0	0.809559	Y
4	STD20 460-869787/6	20.0	16.201673	50.0	512552.0	0.810084	Y
5	STD50 460-869787/7	50.0	37.208863	50.0	529820.0	0.744177	Y
6	STD200 460-869787/8	200.0	145.684971	50.0	530993.0	0.728425	Y
7	STD500 460-869787/9	500.0	361.511123	50.0	536581.0	0.723022	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

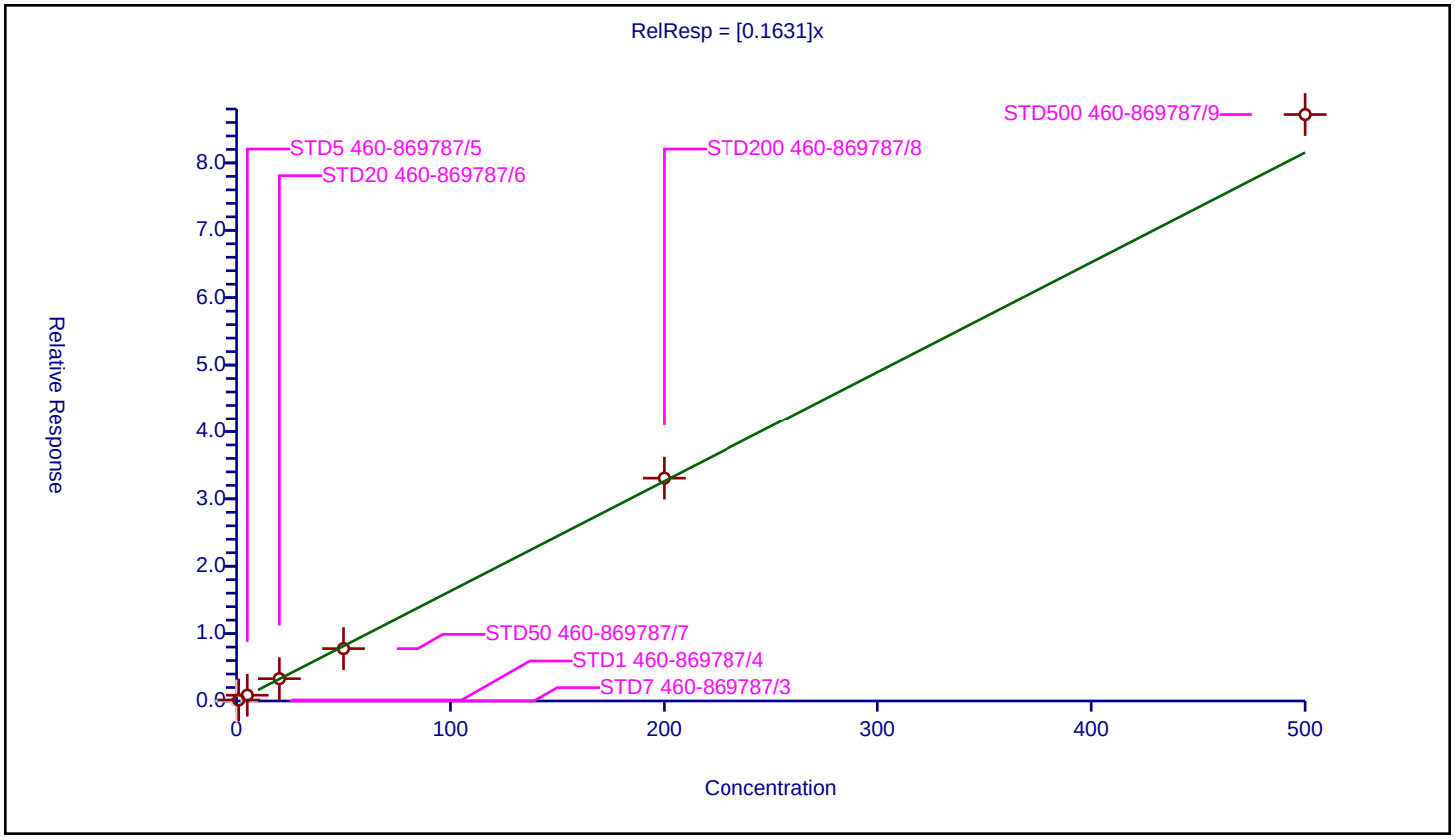
Curve Coefficients

Intercept:	0
Slope:	0.1631

Error Coefficients

Standard Error:	449000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.146603	50.0	493508.0	0.146603	Y
3	STD5 460-869787/5	5.0	0.855659	50.0	530585.0	0.171132	Y
4	STD20 460-869787/6	20.0	3.312347	50.0	512552.0	0.165617	Y
5	STD50 460-869787/7	50.0	7.774244	50.0	529820.0	0.155485	Y
6	STD200 460-869787/8	200.0	33.071717	50.0	530993.0	0.165359	Y
7	STD500 460-869787/9	500.0	87.179755	50.0	536581.0	0.17436	Y



Calibration / Acetonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

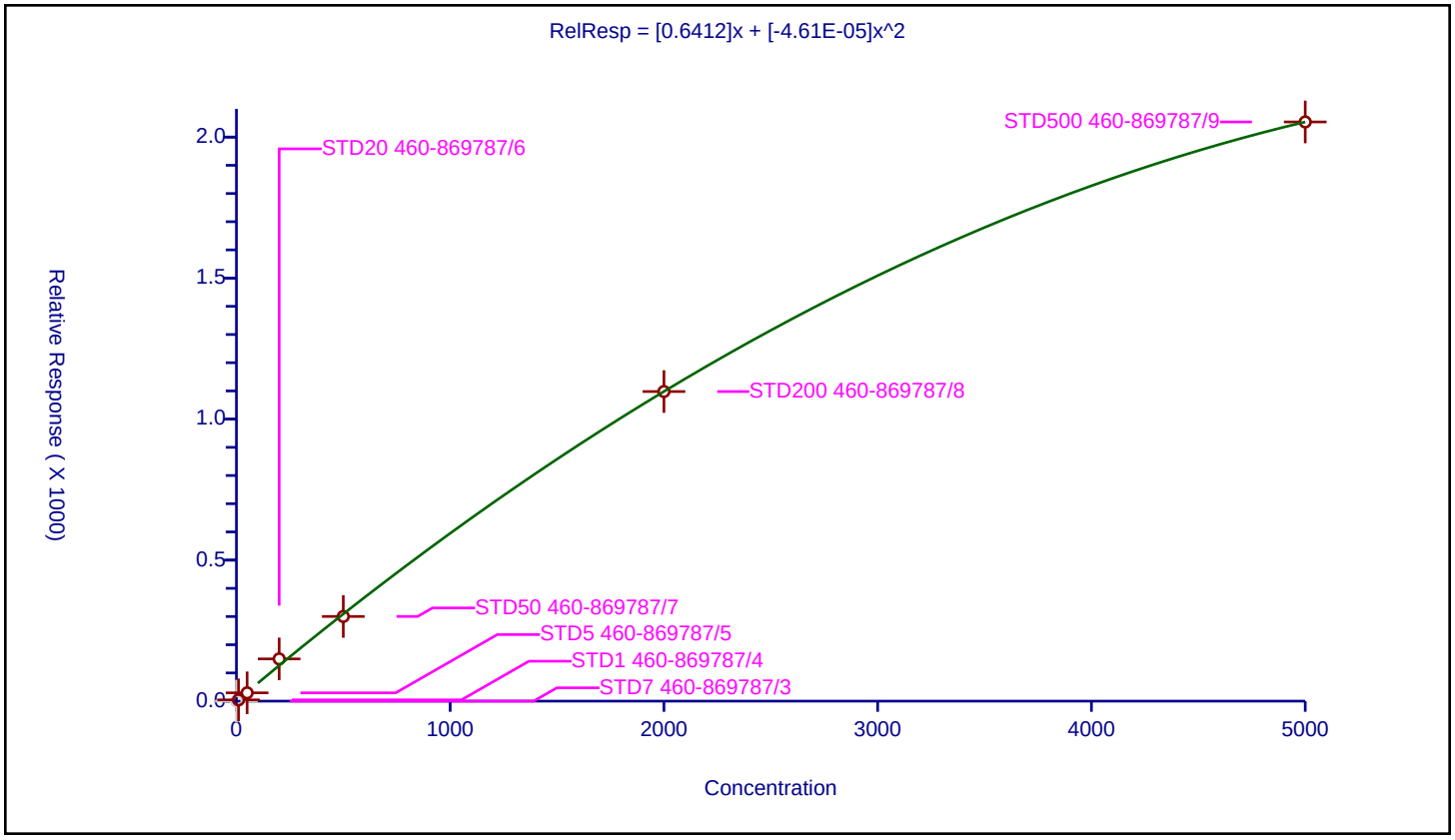
Curve Coefficients

Intercept:	0
Slope:	0.6412
Second Order:	-4.61E-05

Error Coefficients

Standard Error:	206000
Relative Standard Error:	18.2
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	10.0	4.487831	1000.0	125896.0	0.448783	Y
3	STD5 460-869787/5	50.0	29.432925	1000.0	140387.0	0.588658	Y
4	STD20 460-869787/6	200.0	149.727567	1000.0	117460.0	0.748638	Y
5	STD50 460-869787/7	500.0	300.239476	1000.0	138636.0	0.600479	Y
6	STD200 460-869787/8	2000.0	1097.783059	1000.0	149801.0	0.548892	Y
7	STD500 460-869787/9	5000.0	2053.769868	1000.0	184025.0	0.410754	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

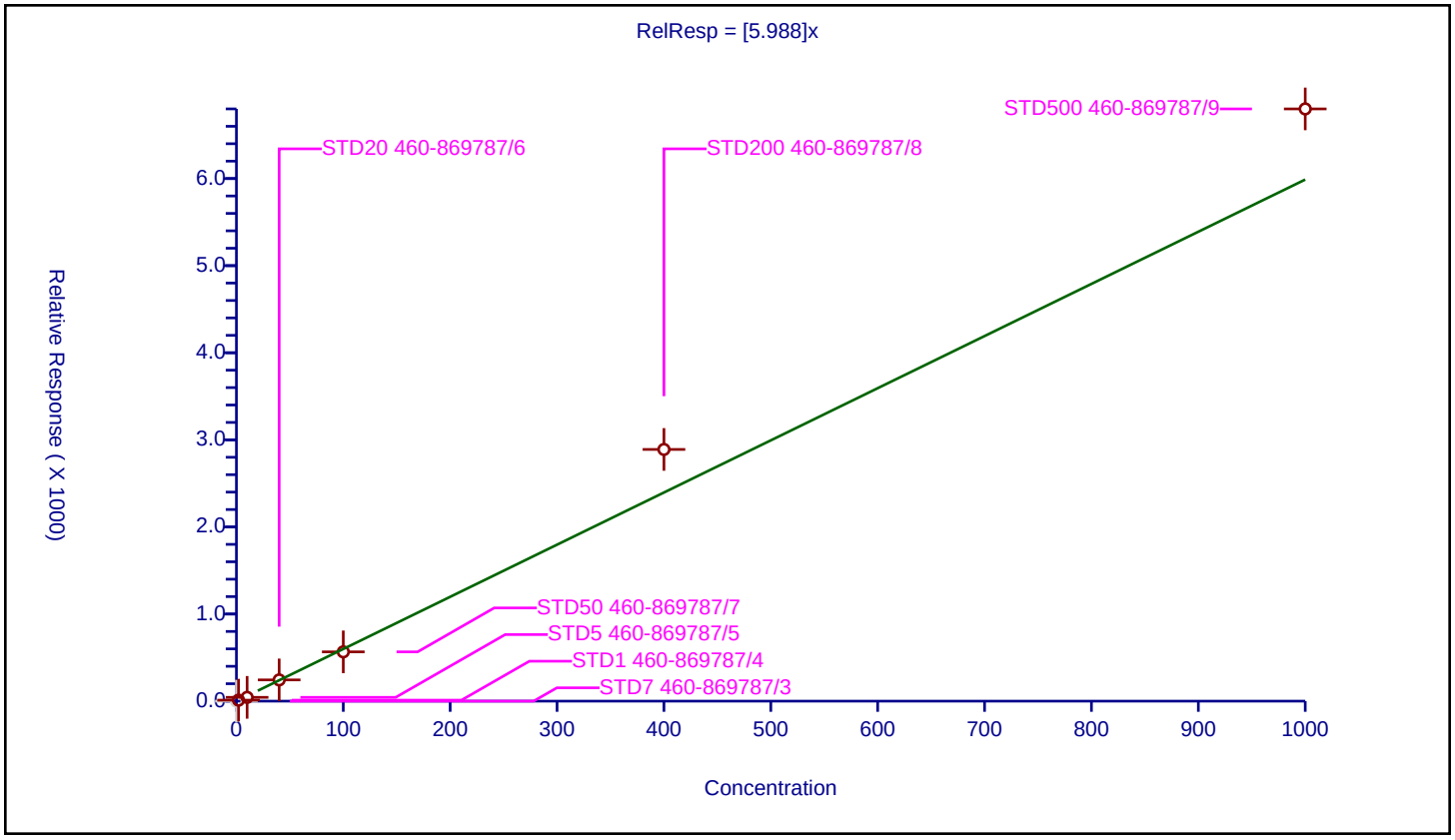
Curve Coefficients

Intercept:	0
Slope:	5.988

Error Coefficients

Standard Error:	590000
Relative Standard Error:	16.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	2.0	11.588931	1000.0	125896.0	5.794465	Y
3	STD5 460-869787/5	10.0	43.551041	1000.0	140387.0	4.355104	Y
4	STD20 460-869787/6	40.0	243.853227	1000.0	117460.0	6.096331	Y
5	STD50 460-869787/7	100.0	565.971321	1000.0	138636.0	5.659713	Y
6	STD200 460-869787/8	400.0	2889.840522	1000.0	149801.0	7.224601	Y
7	STD500 460-869787/9	1000.0	6799.836979	1000.0	184025.0	6.799837	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

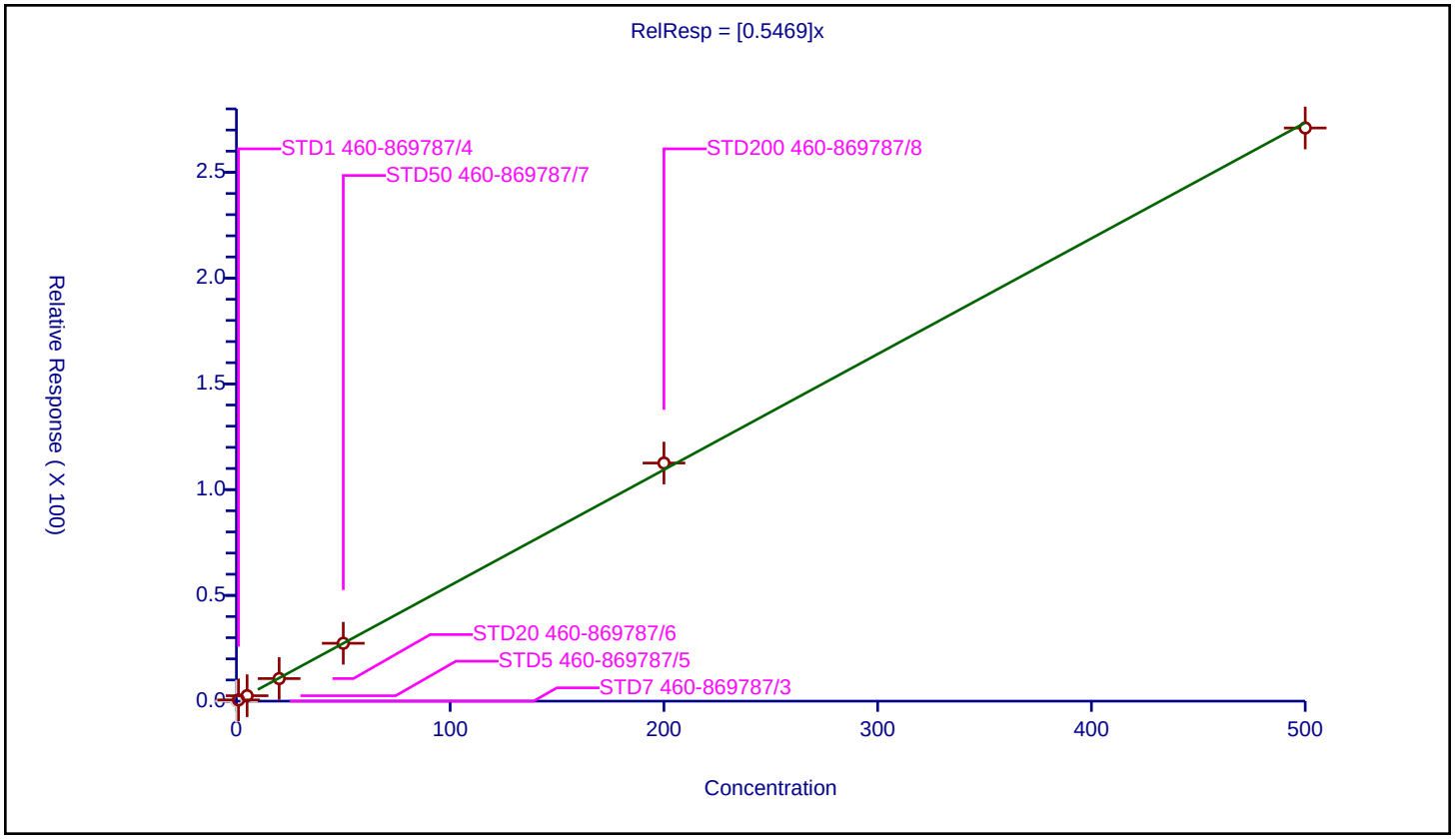
Curve Coefficients

Intercept:	0
Slope:	0.5469

Error Coefficients

Standard Error:	1410000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.583577	50.0	493508.0	0.583577	Y
3	STD5 460-869787/5	5.0	2.561983	50.0	530585.0	0.512397	Y
4	STD20 460-869787/6	20.0	10.673844	50.0	512552.0	0.533692	Y
5	STD50 460-869787/7	50.0	27.359669	50.0	529820.0	0.547193	Y
6	STD200 460-869787/8	200.0	112.564855	50.0	530993.0	0.562824	Y
7	STD500 460-869787/9	500.0	270.965427	50.0	536581.0	0.541931	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

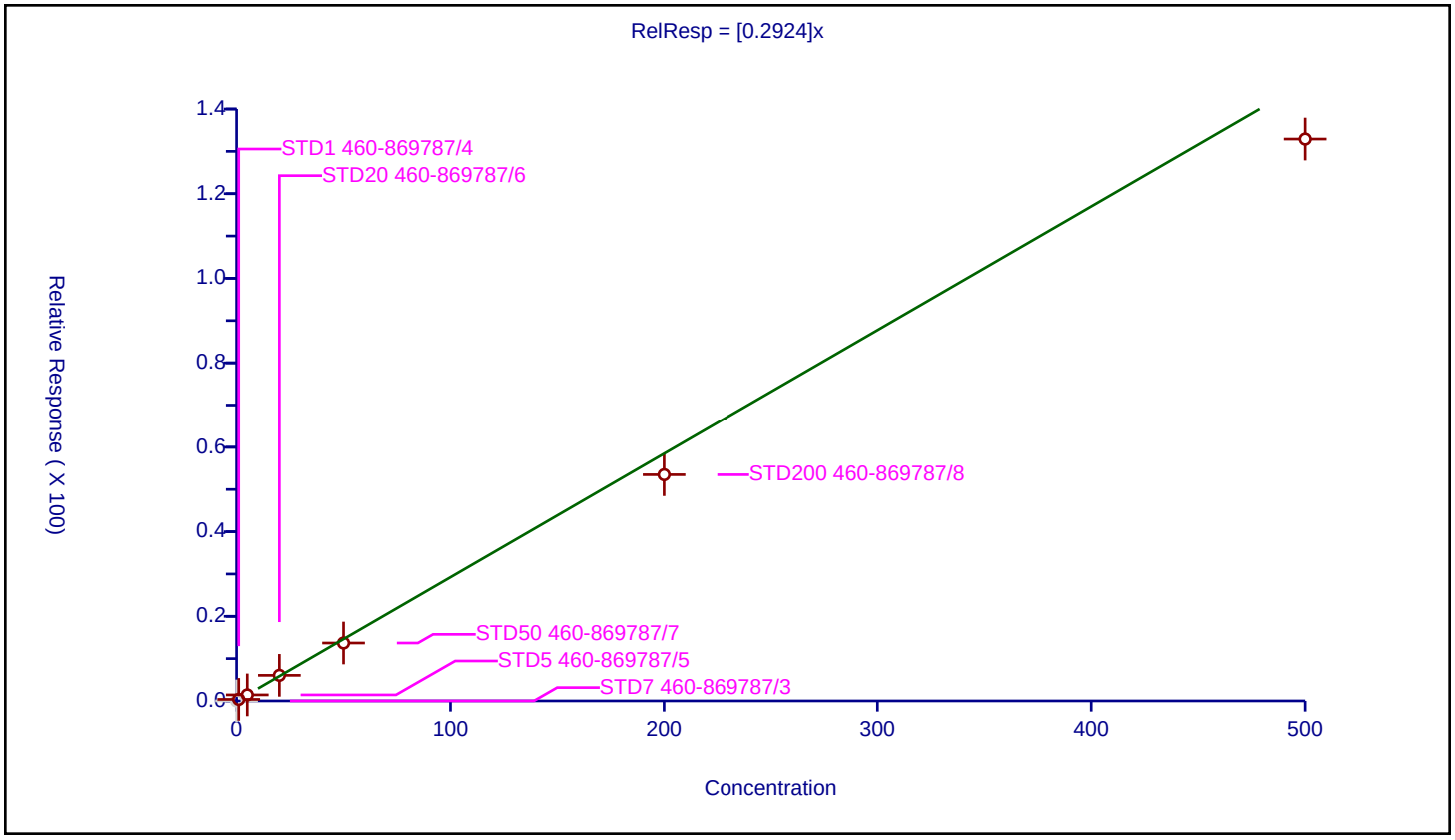
Curve Coefficients

Intercept:	0
Slope:	0.2924

Error Coefficients

Standard Error:	690000
Relative Standard Error:	12.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.360177	50.0	493508.0	0.360177	Y
3	STD5 460-869787/5	5.0	1.42456	50.0	530585.0	0.284912	Y
4	STD20 460-869787/6	20.0	6.049728	50.0	512552.0	0.302486	Y
5	STD50 460-869787/7	50.0	13.687762	50.0	529820.0	0.273755	Y
6	STD200 460-869787/8	200.0	53.496374	50.0	530993.0	0.267482	Y
7	STD500 460-869787/9	500.0	132.907613	50.0	536581.0	0.265815	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

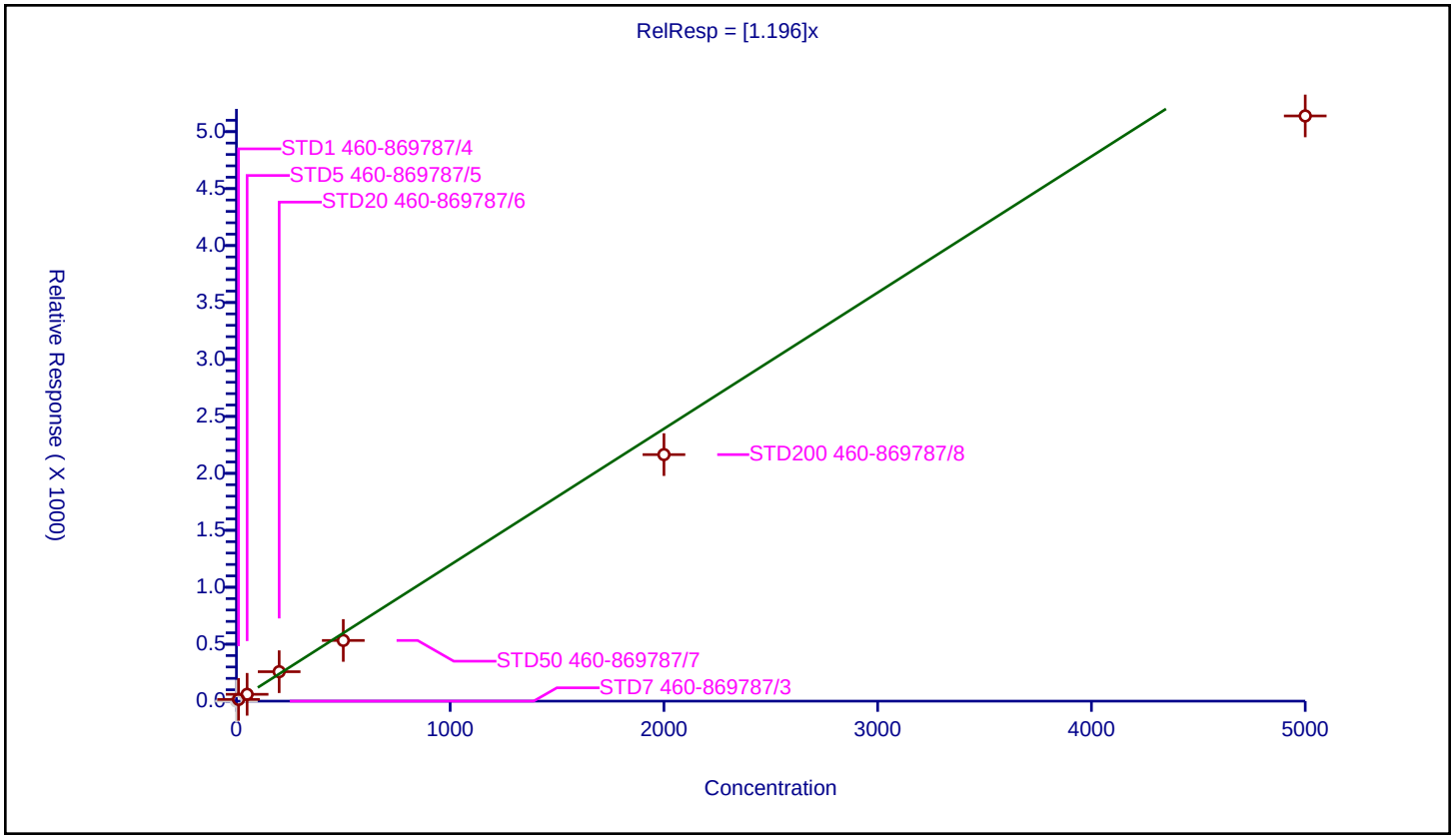
Curve Coefficients

Intercept:	0
Slope:	1.196

Error Coefficients

Standard Error:	446000
Relative Standard Error:	15.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	10.0	15.067993	1000.0	125896.0	1.506799	Y
3	STD5 460-869787/5	50.0	59.977063	1000.0	140387.0	1.199541	Y
4	STD20 460-869787/6	200.0	258.445428	1000.0	117460.0	1.292227	Y
5	STD50 460-869787/7	500.0	532.87025	1000.0	138636.0	1.065741	Y
6	STD200 460-869787/8	2000.0	2164.711851	1000.0	149801.0	1.082356	Y
7	STD500 460-869787/9	5000.0	5138.318163	1000.0	184025.0	1.027664	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

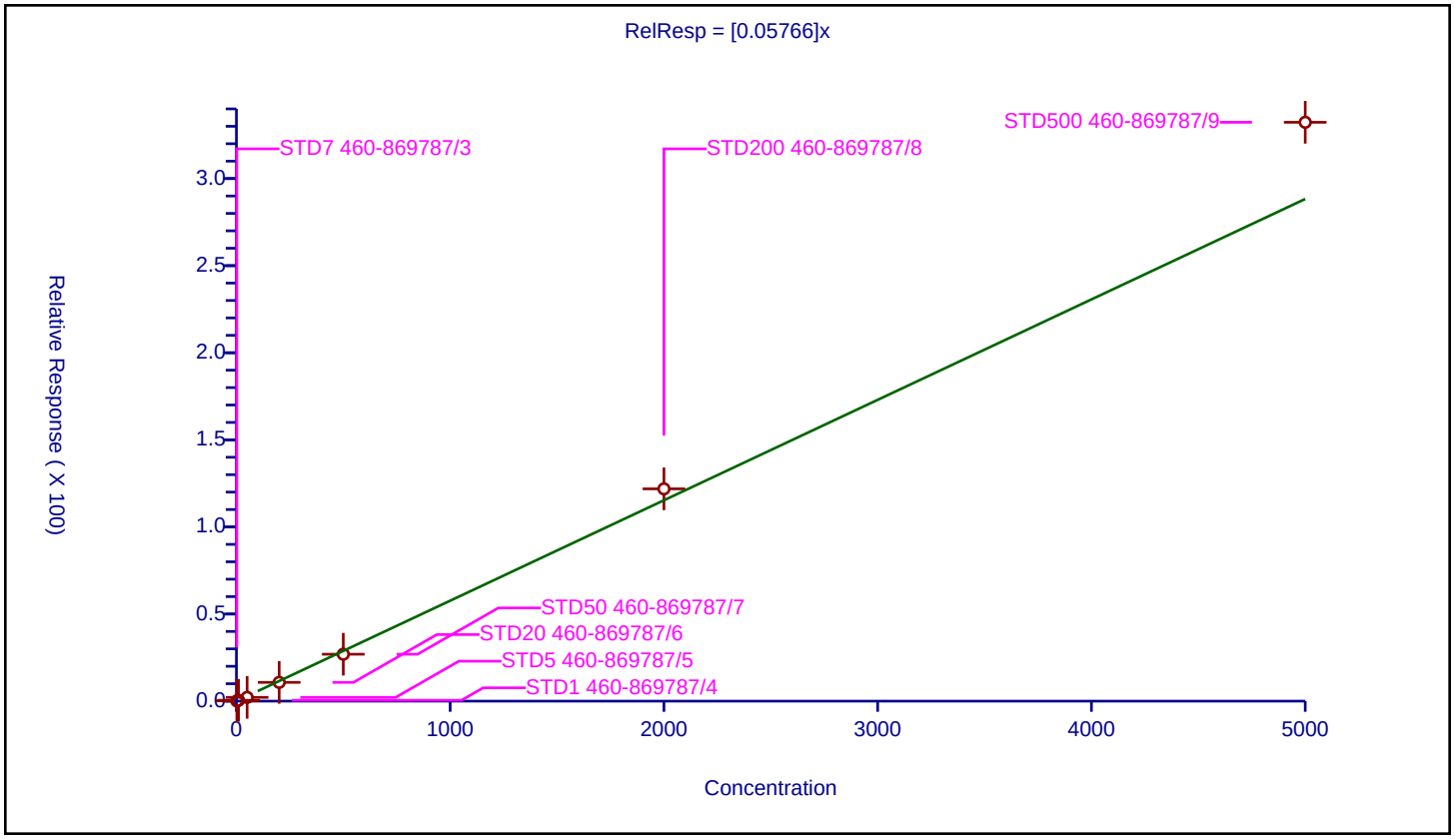
Curve Coefficients

Intercept:	0
Slope:	0.05766

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	18.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	2.0	0.151294	50.0	508613.0	0.075647	Y
2	STD1 460-869787/4	10.0	0.497358	50.0	493508.0	0.049736	Y
3	STD5 460-869787/5	50.0	2.155828	50.0	530585.0	0.043117	Y
4	STD20 460-869787/6	200.0	10.764761	50.0	512552.0	0.053824	Y
5	STD50 460-869787/7	500.0	26.9383	50.0	529820.0	0.053877	Y
6	STD200 460-869787/8	2000.0	121.86752	50.0	530993.0	0.060934	Y
7	STD500 460-869787/9	5000.0	332.301367	50.0	536581.0	0.06646	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

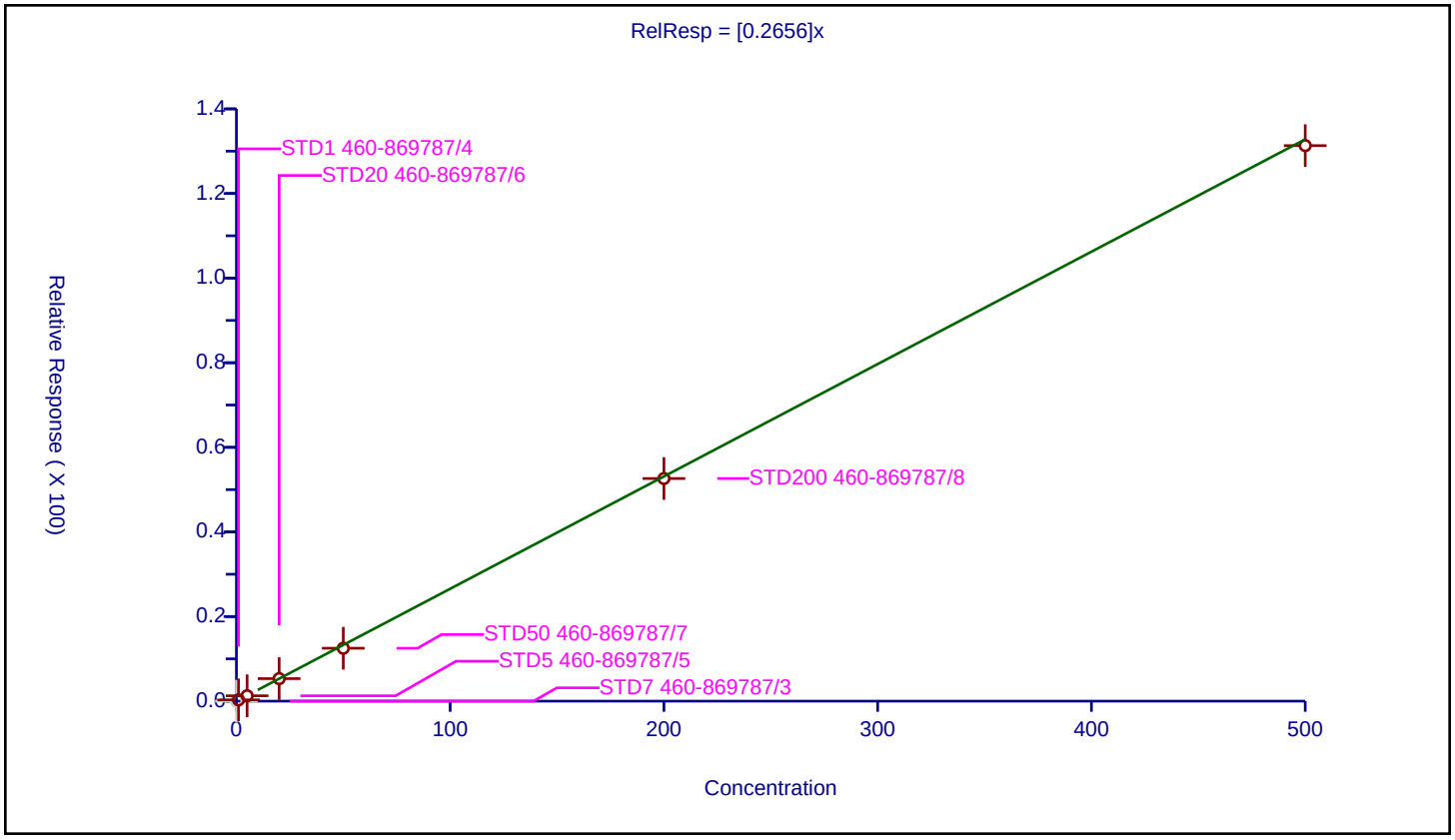
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Standard Error:	681000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.298374	50.0	493508.0	0.298374	Y
3	STD5 460-869787/5	5.0	1.266715	50.0	530585.0	0.253343	Y
4	STD20 460-869787/6	20.0	5.320338	50.0	512552.0	0.266017	Y
5	STD50 460-869787/7	50.0	12.504813	50.0	529820.0	0.250096	Y
6	STD200 460-869787/8	200.0	52.622068	50.0	530993.0	0.26311	Y
7	STD500 460-869787/9	500.0	131.317825	50.0	536581.0	0.262636	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

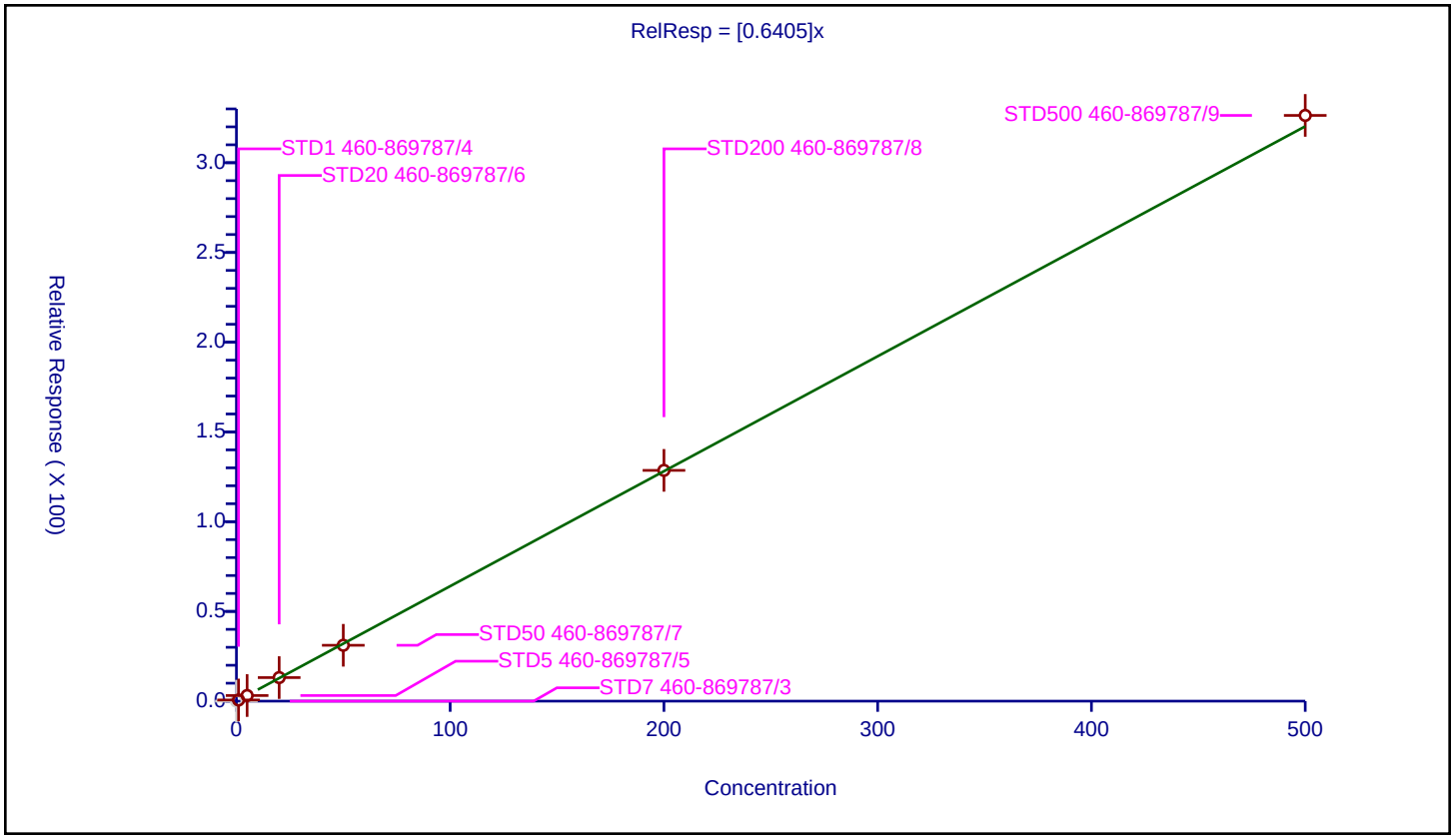
Curve Coefficients

Intercept:	0
Slope:	0.6405

Error Coefficients

Standard Error:	1690000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.643049	50.0	493508.0	0.643049	Y
3	STD5 460-869787/5	5.0	3.127303	50.0	530585.0	0.625461	Y
4	STD20 460-869787/6	20.0	13.127936	50.0	512552.0	0.656397	Y
5	STD50 460-869787/7	50.0	31.128591	50.0	529820.0	0.622572	Y
6	STD200 460-869787/8	200.0	128.587477	50.0	530993.0	0.642937	Y
7	STD500 460-869787/9	500.0	326.36191	50.0	536581.0	0.652724	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

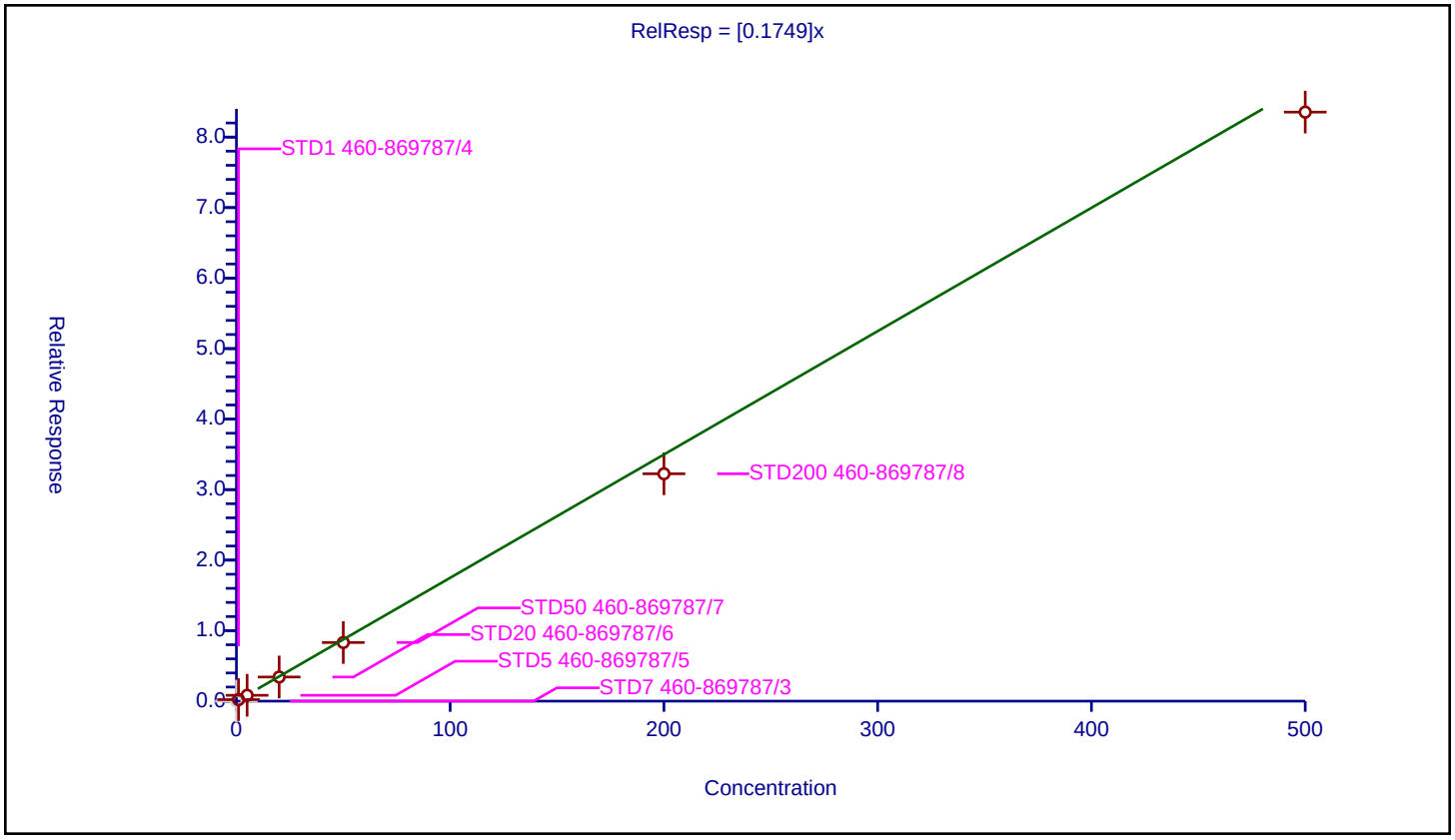
Curve Coefficients

Intercept:	0
Slope:	0.1749

Error Coefficients

Standard Error:	431000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.217524	50.0	493508.0	0.217524	Y
3	STD5 460-869787/5	5.0	0.830498	50.0	530585.0	0.1661	Y
4	STD20 460-869787/6	20.0	3.425409	50.0	512552.0	0.17127	Y
5	STD50 460-869787/7	50.0	8.31556	50.0	529820.0	0.166311	Y
6	STD200 460-869787/8	200.0	32.245811	50.0	530993.0	0.161229	Y
7	STD500 460-869787/9	500.0	83.542839	50.0	536581.0	0.167086	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

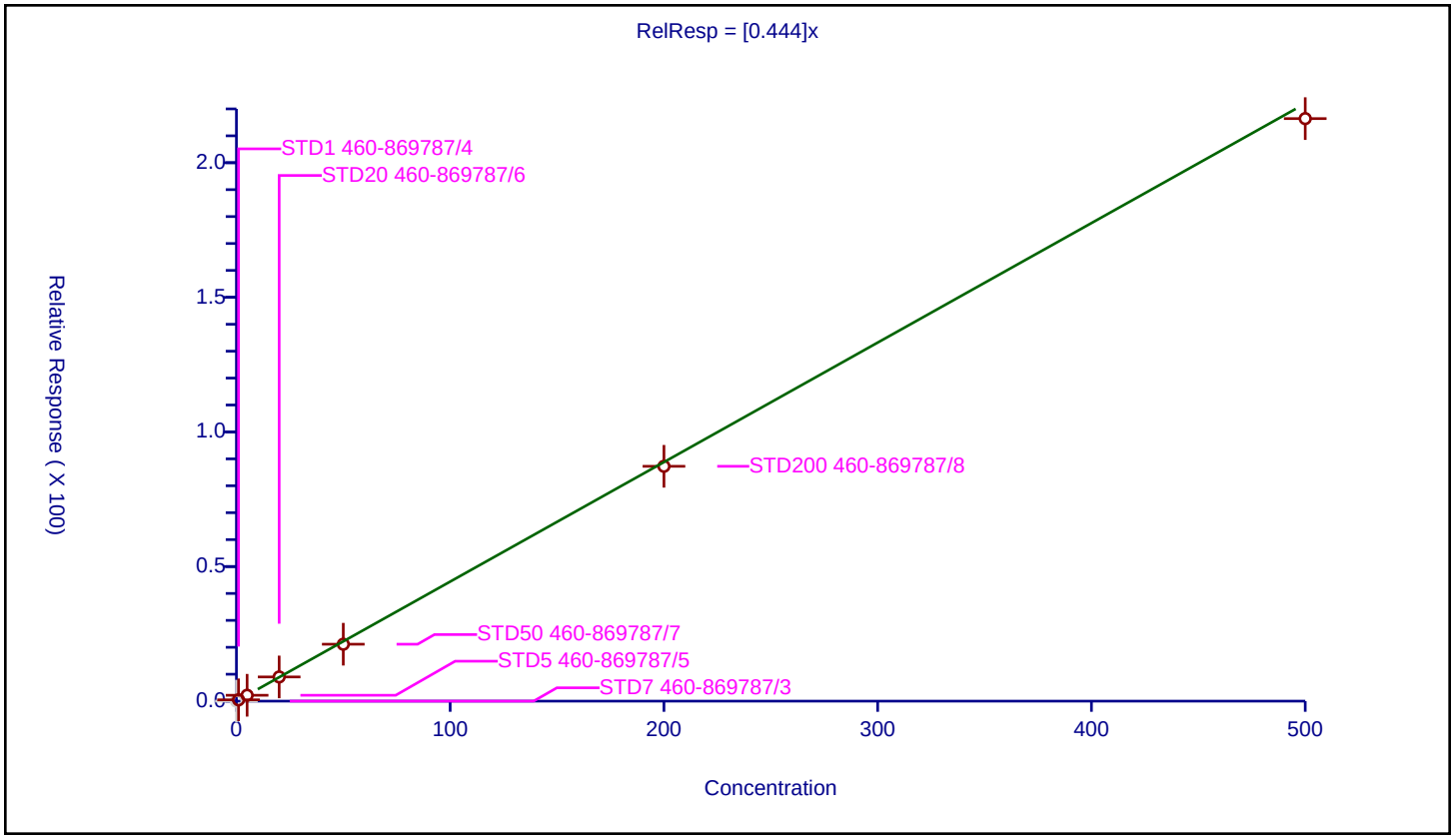
Curve Coefficients

Intercept:	0
Slope:	0.444

Error Coefficients

Standard Error:	1120000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.486112	50.0	493508.0	0.486112	Y
3	STD5 460-869787/5	5.0	2.181837	50.0	530585.0	0.436367	Y
4	STD20 460-869787/6	20.0	8.98982	50.0	512552.0	0.449491	Y
5	STD50 460-869787/7	50.0	21.143124	50.0	529820.0	0.422862	Y
6	STD200 460-869787/8	200.0	87.235142	50.0	530993.0	0.436176	Y
7	STD500 460-869787/9	500.0	216.384572	50.0	536581.0	0.432769	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

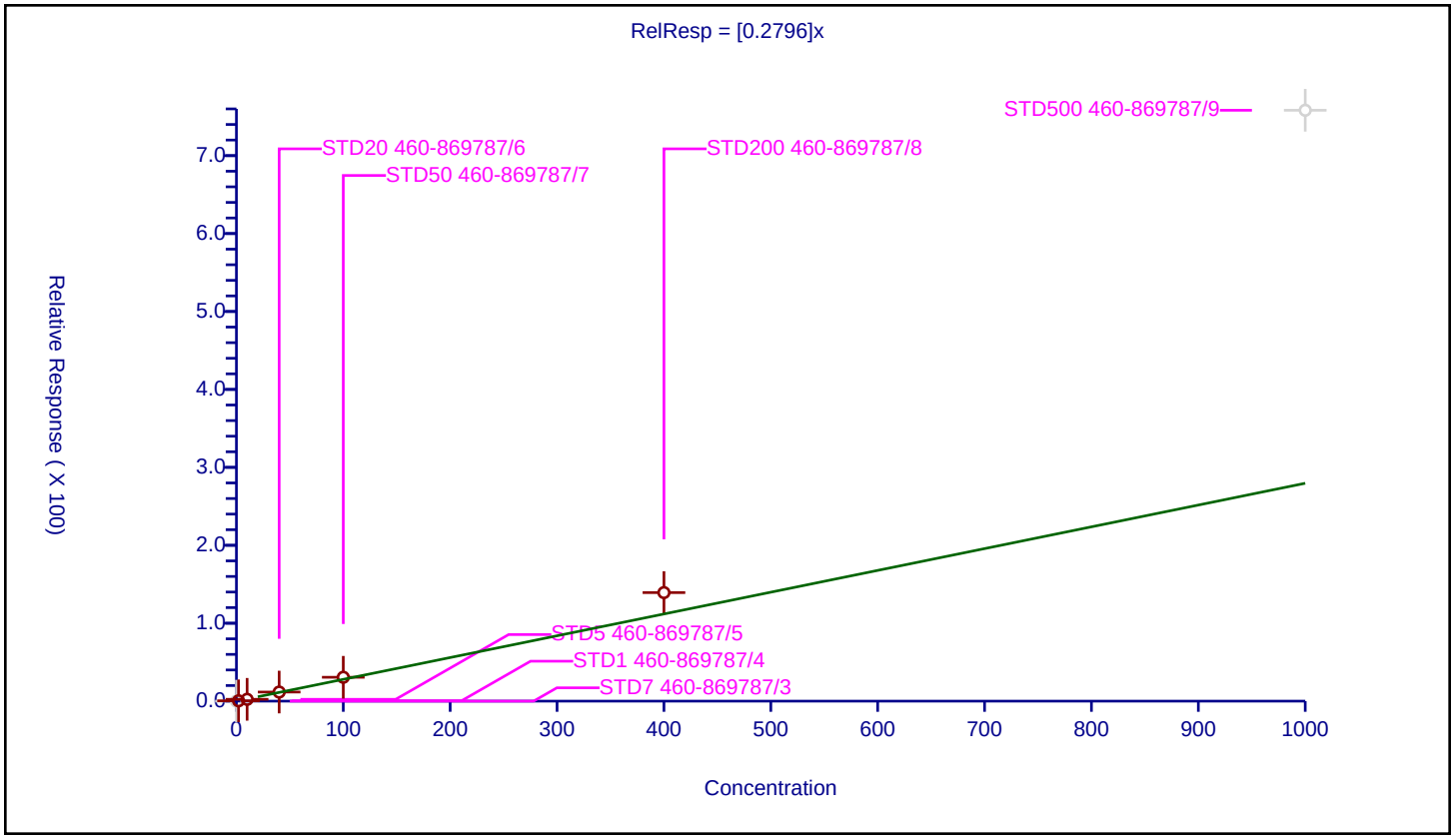
Curve Coefficients

Intercept:	0
Slope:	0.2796

Error Coefficients

Standard Error:	49600
Relative Standard Error:	19.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	2.0	0.436981	250.0	116710.0	0.21849	Y
3	STD5 460-869787/5	10.0	2.333422	250.0	135102.0	0.233342	Y
4	STD20 460-869787/6	40.0	11.665972	250.0	124786.0	0.291649	Y
5	STD50 460-869787/7	100.0	30.625904	250.0	162485.0	0.306259	Y
6	STD200 460-869787/8	400.0	139.280815	250.0	174211.0	0.348202	Y
7	STD500 460-869787/9	1000.0	758.235893	250.0	185499.0	0.758236	N



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

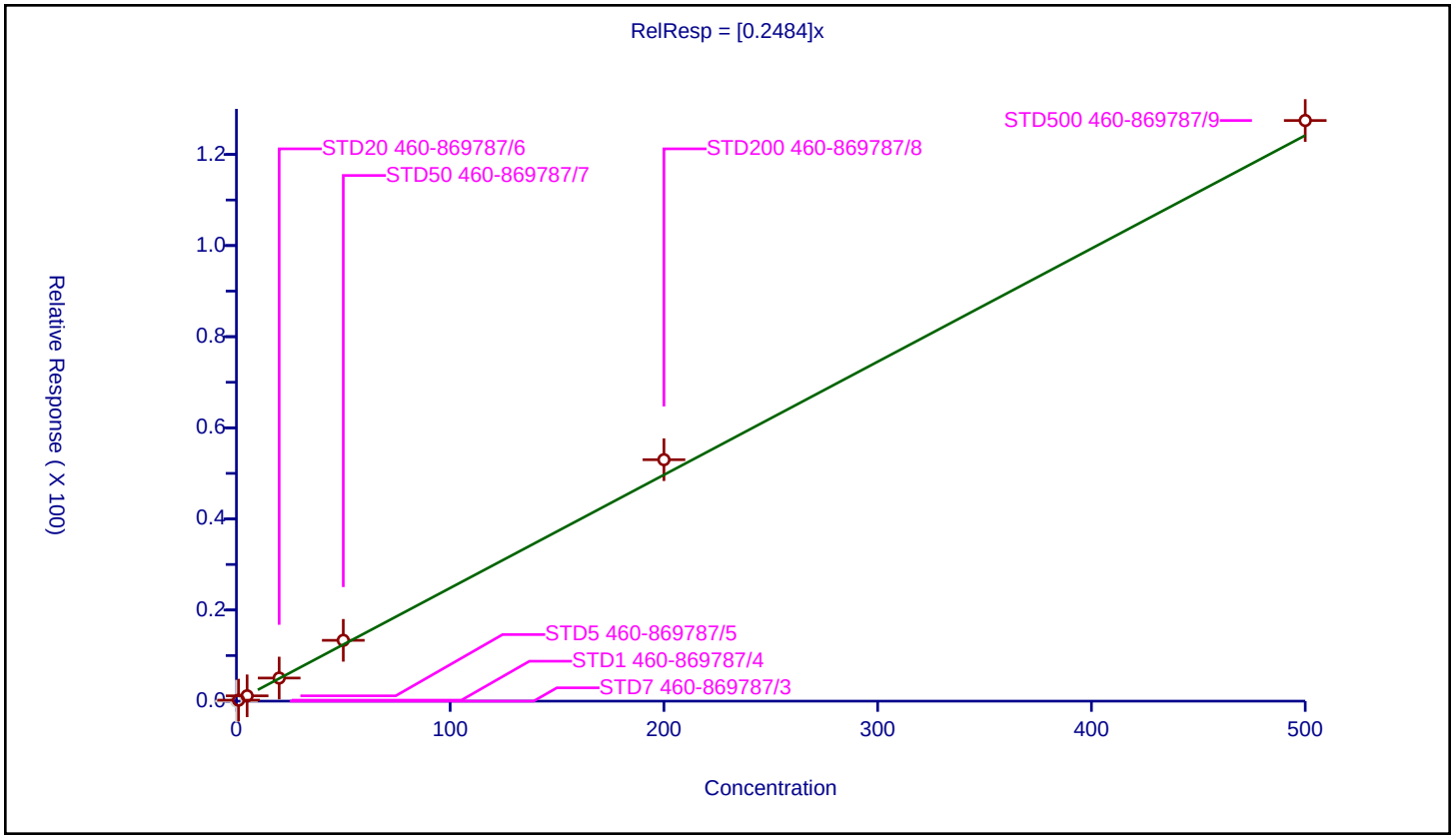
Curve Coefficients

Intercept:	0
Slope:	0.2484

Error Coefficients

Standard Error:	665000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.216815	50.0	493508.0	0.216815	Y
3	STD5 460-869787/5	5.0	1.16381	50.0	530585.0	0.232762	Y
4	STD20 460-869787/6	20.0	5.073436	50.0	512552.0	0.253672	Y
5	STD50 460-869787/7	50.0	13.34859	50.0	529820.0	0.266972	Y
6	STD200 460-869787/8	200.0	52.996367	50.0	530993.0	0.264982	Y
7	STD500 460-869787/9	500.0	127.451028	50.0	536581.0	0.254902	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

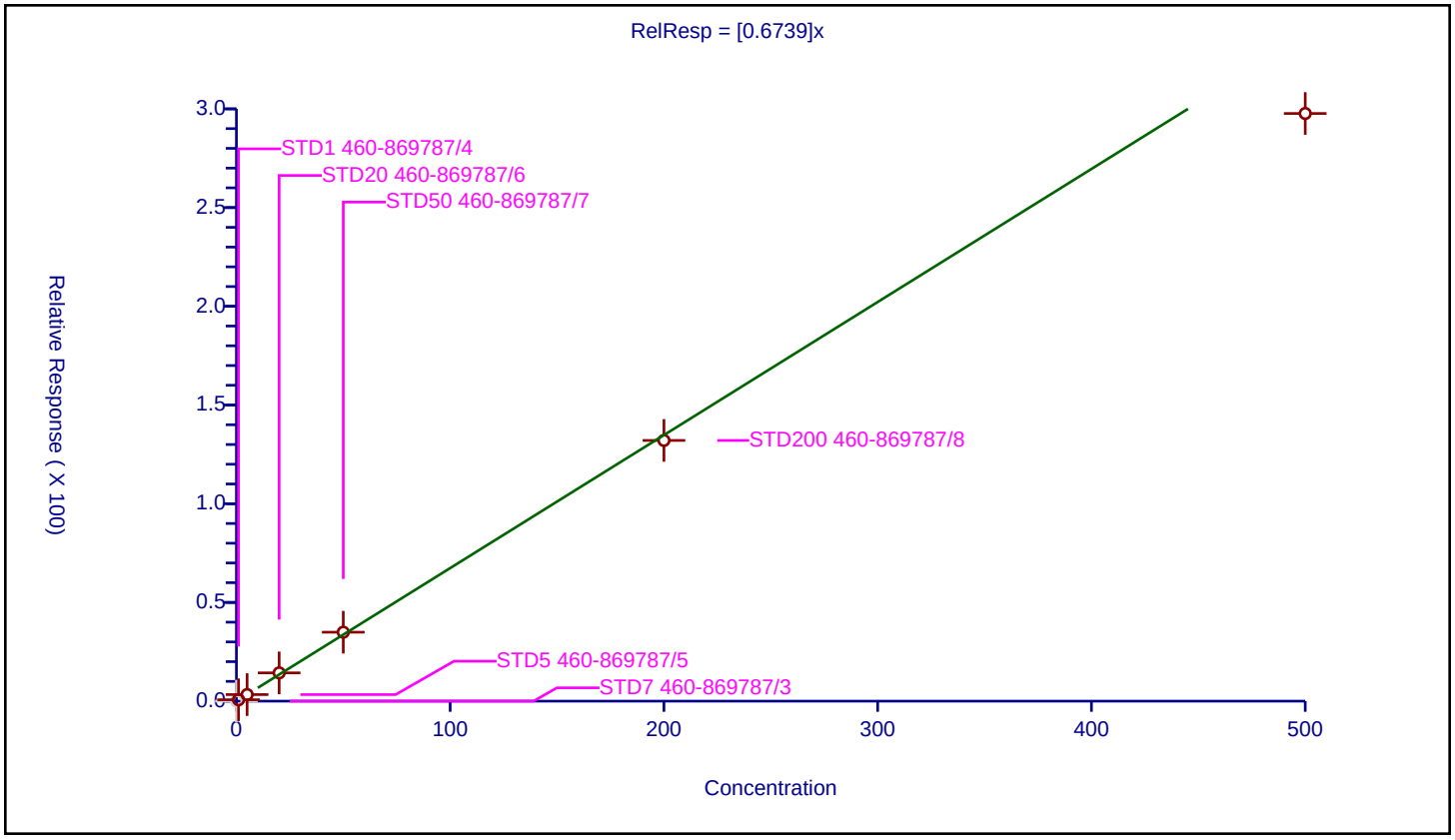
Curve Coefficients

Intercept:	0
Slope:	0.6739

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.708803	50.0	493508.0	0.708803	Y
3	STD5 460-869787/5	5.0	3.321617	50.0	530585.0	0.664323	Y
4	STD20 460-869787/6	20.0	14.326351	50.0	512552.0	0.716318	Y
5	STD50 460-869787/7	50.0	34.920256	50.0	529820.0	0.698405	Y
6	STD200 460-869787/8	200.0	132.058615	50.0	530993.0	0.660293	Y
7	STD500 460-869787/9	500.0	297.670902	50.0	536581.0	0.595342	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

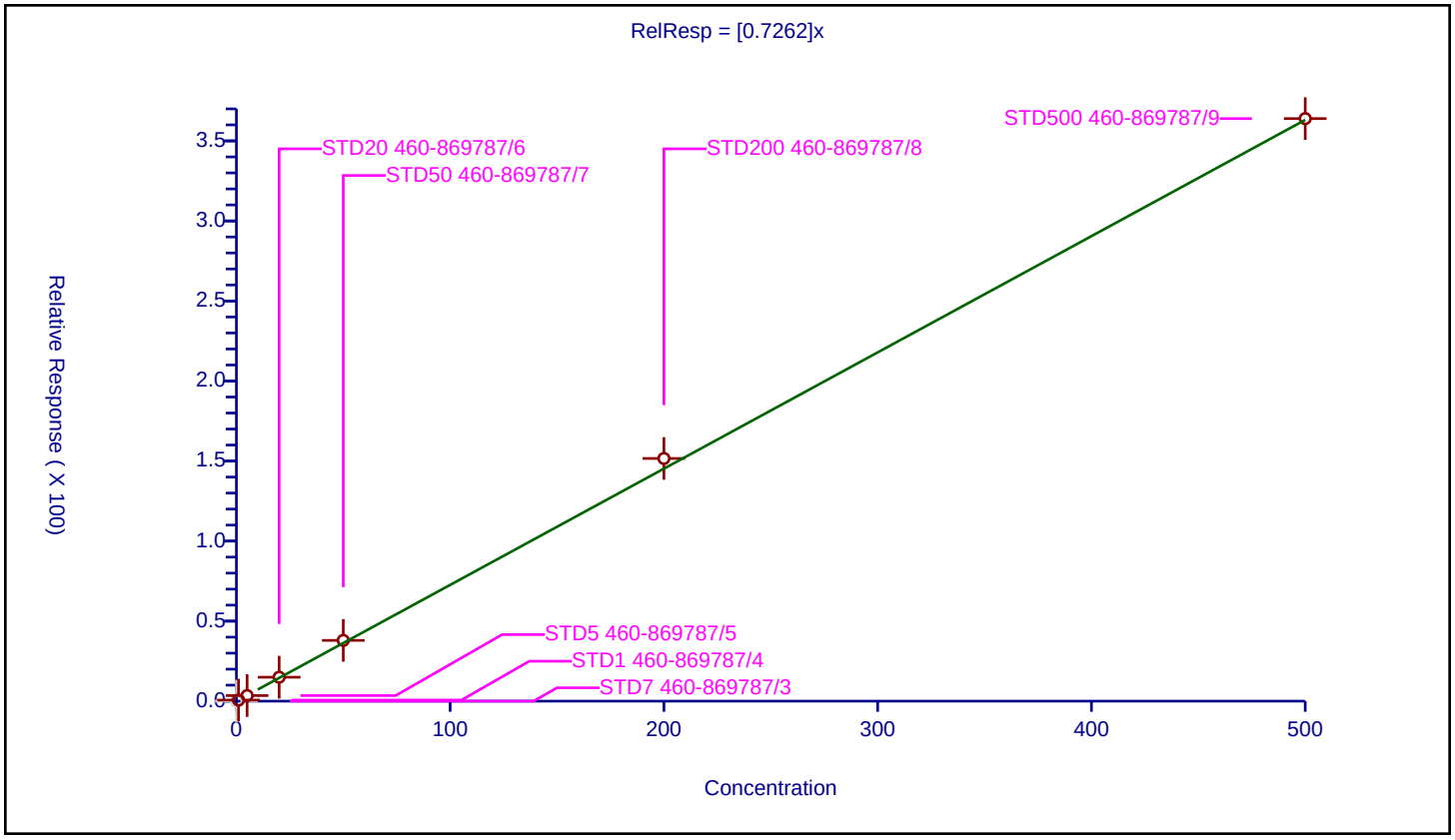
Curve Coefficients

Intercept:	0
Slope:	0.7262

Error Coefficients

Standard Error:	1900000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.668277	50.0	493508.0	0.668277	Y
3	STD5 460-869787/5	5.0	3.483137	50.0	530585.0	0.696627	Y
4	STD20 460-869787/6	20.0	14.946483	50.0	512552.0	0.747324	Y
5	STD50 460-869787/7	50.0	37.964497	50.0	529820.0	0.75929	Y
6	STD200 460-869787/8	200.0	151.606895	50.0	530993.0	0.758034	Y
7	STD500 460-869787/9	500.0	363.932752	50.0	536581.0	0.727866	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

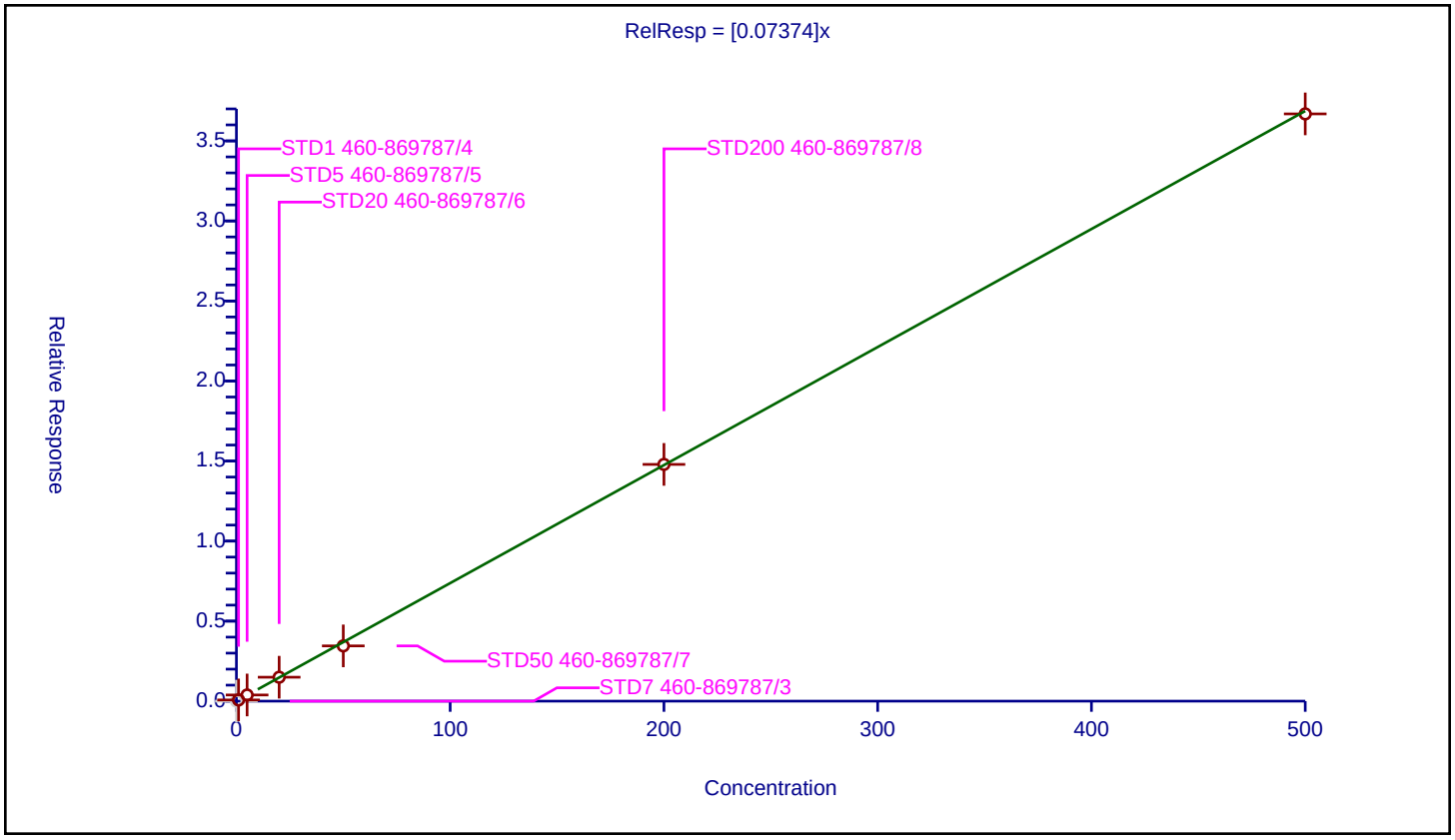
Curve Coefficients

Intercept:	0
Slope:	0.07374

Error Coefficients

Standard Error:	190000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.074163	50.0	493508.0	0.074163	Y
3	STD5 460-869787/5	5.0	0.385706	50.0	530585.0	0.077141	Y
4	STD20 460-869787/6	20.0	1.494775	50.0	512552.0	0.074739	Y
5	STD50 460-869787/7	50.0	3.452116	50.0	529820.0	0.069042	Y
6	STD200 460-869787/8	200.0	14.79059	50.0	530993.0	0.073953	Y
7	STD500 460-869787/9	500.0	36.686633	50.0	536581.0	0.073373	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

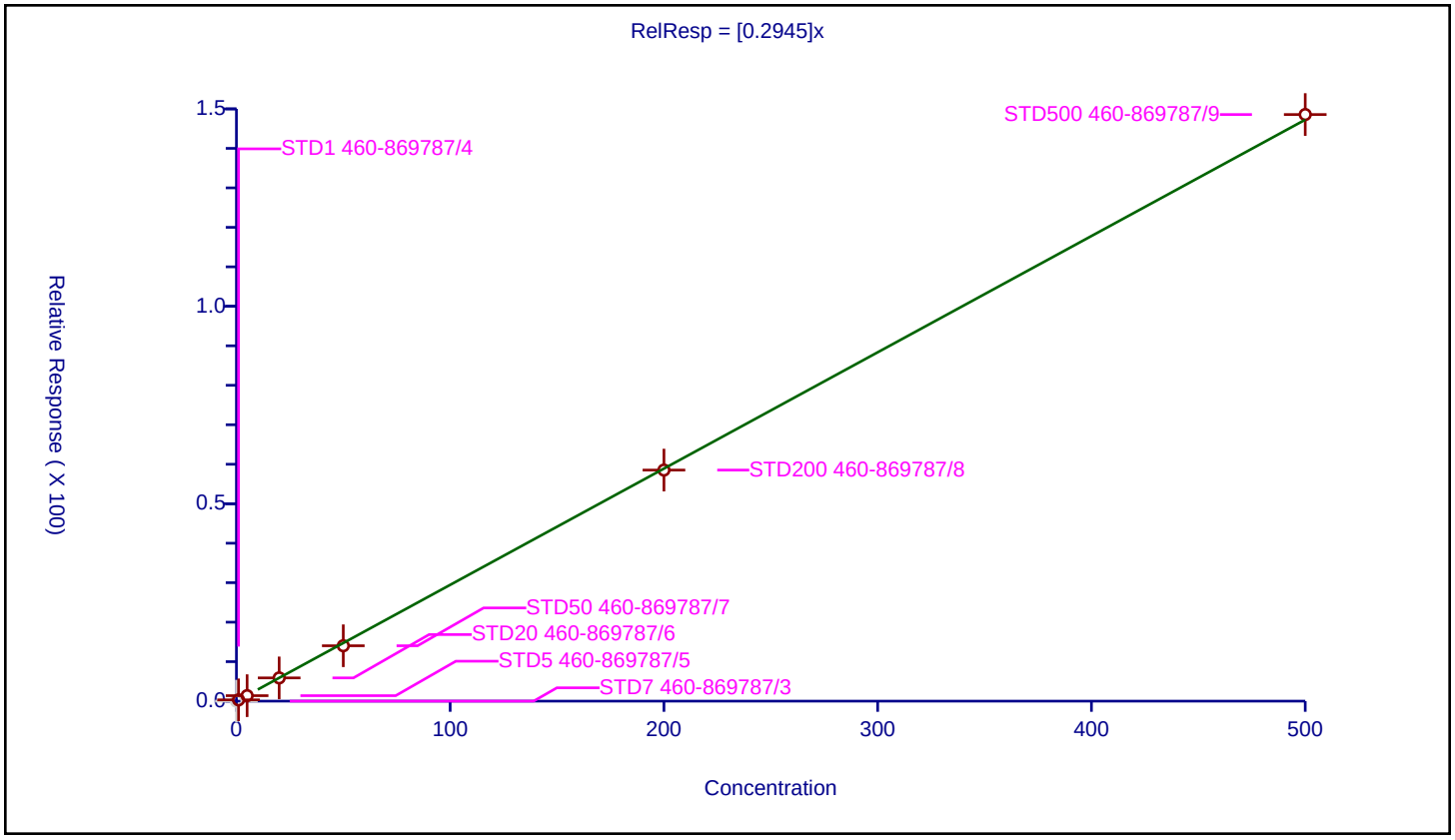
Curve Coefficients

Intercept:	0
Slope:	0.2945

Error Coefficients

Standard Error:	769000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.324919	50.0	493508.0	0.324919	Y
3	STD5 460-869787/5	5.0	1.388091	50.0	530585.0	0.277618	Y
4	STD20 460-869787/6	20.0	5.883891	50.0	512552.0	0.294195	Y
5	STD50 460-869787/7	50.0	14.026651	50.0	529820.0	0.280533	Y
6	STD200 460-869787/8	200.0	58.51998	50.0	530993.0	0.2926	Y
7	STD500 460-869787/9	500.0	148.571045	50.0	536581.0	0.297142	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

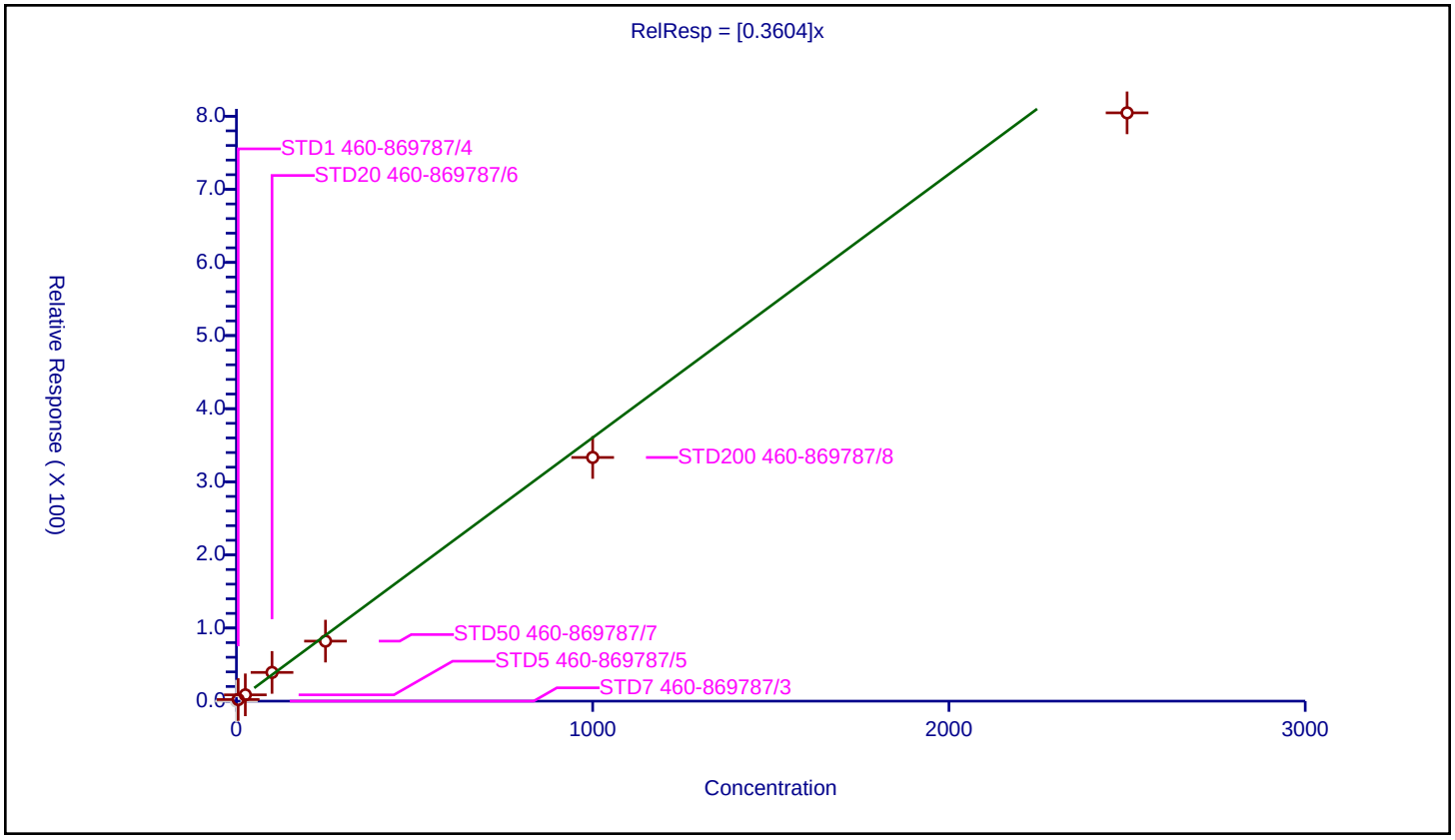
Curve Coefficients

Intercept:	0
Slope:	0.3604

Error Coefficients

Standard Error:	287000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	5.0	2.206323	250.0	116710.0	0.441265	Y
3	STD5 460-869787/5	25.0	8.621264	250.0	135102.0	0.344851	Y
4	STD20 460-869787/6	100.0	39.279246	250.0	124786.0	0.392792	Y
5	STD50 460-869787/7	250.0	82.082962	250.0	162485.0	0.328332	Y
6	STD200 460-869787/8	1000.0	333.288369	250.0	174211.0	0.333288	Y
7	STD500 460-869787/9	2500.0	804.600025	250.0	185499.0	0.32184	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

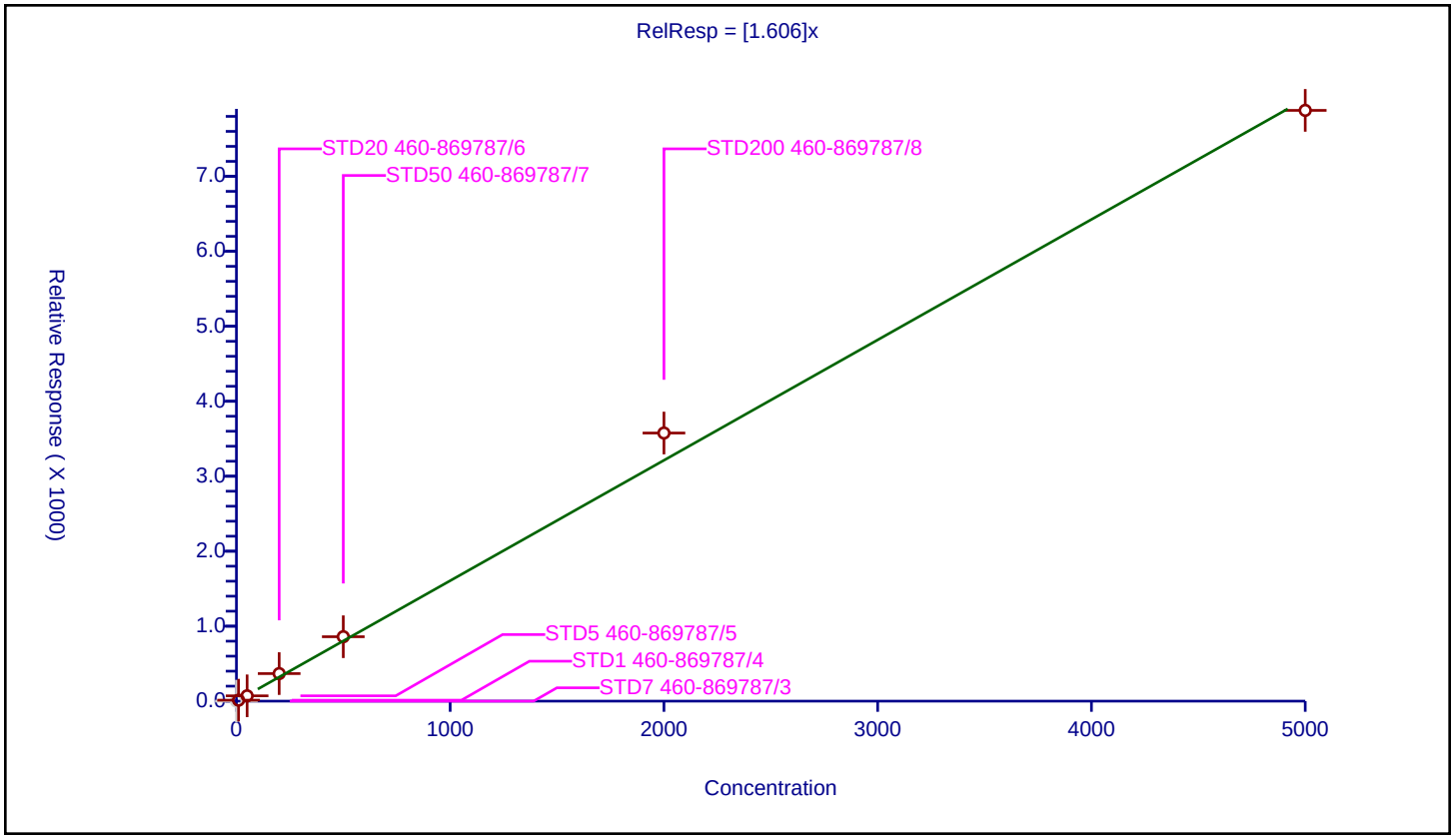
Curve Coefficients

Intercept:	0
Slope:	1.606

Error Coefficients

Standard Error:	690000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	10.0	13.034568	1000.0	125896.0	1.303457	Y
3	STD5 460-869787/5	50.0	70.711676	1000.0	140387.0	1.414234	Y
4	STD20 460-869787/6	200.0	367.410182	1000.0	117460.0	1.837051	Y
5	STD50 460-869787/7	500.0	859.365533	1000.0	138636.0	1.718731	Y
6	STD200 460-869787/8	2000.0	3576.371319	1000.0	149801.0	1.788186	Y
7	STD500 460-869787/9	5000.0	7880.233664	1000.0	184025.0	1.576047	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

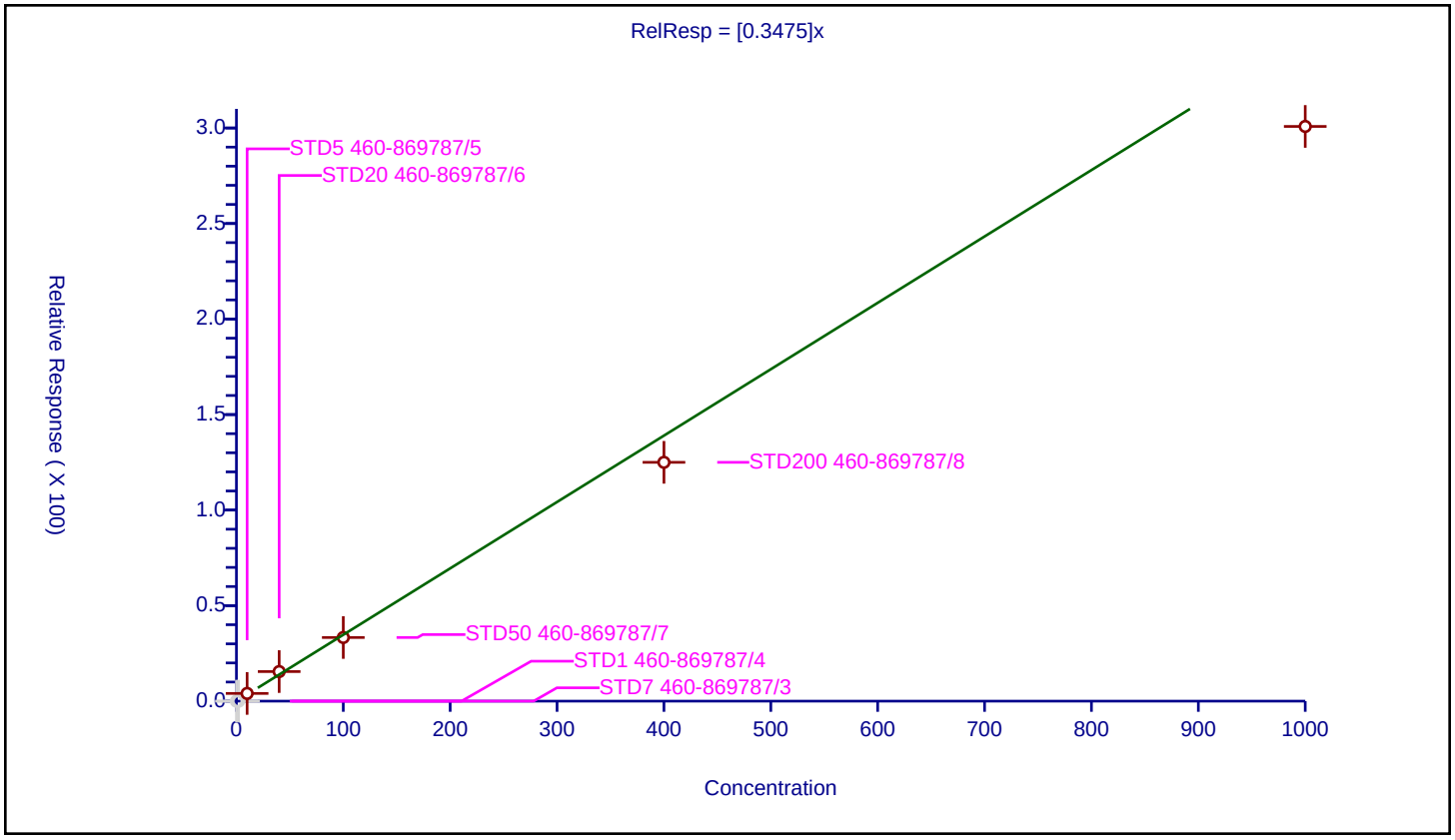
Curve Coefficients

Intercept:	0
Slope:	0.3475

Error Coefficients

Standard Error:	120000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	2.0	0.0	250.0	116710.0	0.0	N
3	STD5 460-869787/5	10.0	4.03769	250.0	135102.0	0.403769	Y
4	STD20 460-869787/6	40.0	15.486513	250.0	124786.0	0.387163	Y
5	STD50 460-869787/7	100.0	33.306151	250.0	162485.0	0.333062	Y
6	STD200 460-869787/8	400.0	124.996412	250.0	174211.0	0.312491	Y
7	STD500 460-869787/9	1000.0	300.811595	250.0	185499.0	0.300812	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

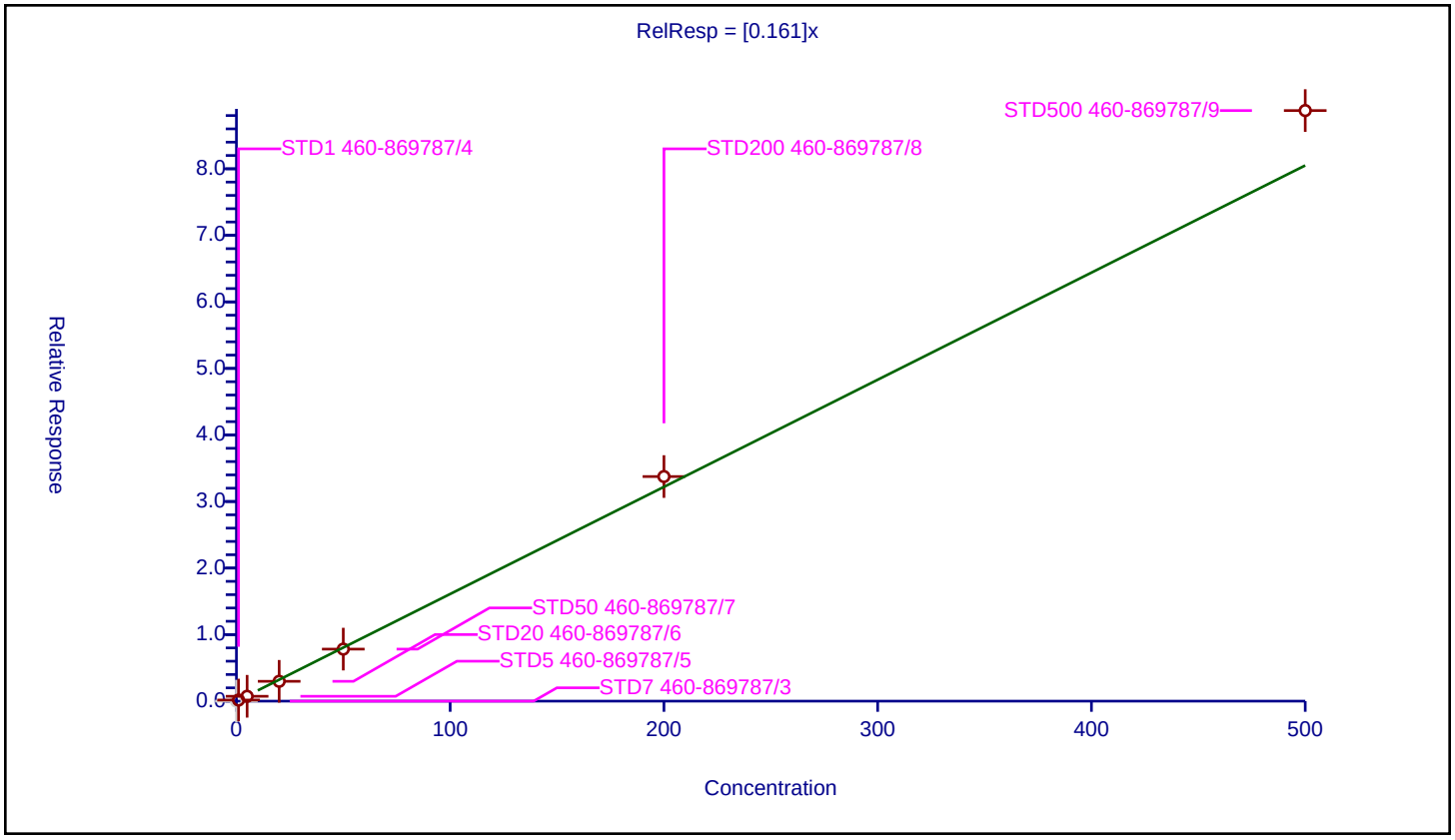
Curve Coefficients

Intercept:	0
Slope:	0.161

Error Coefficients

Standard Error:	457000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.16788	50.0	493508.0	0.16788	Y
3	STD5 460-869787/5	5.0	0.732211	50.0	530585.0	0.146442	Y
4	STD20 460-869787/6	20.0	2.980185	50.0	512552.0	0.149009	Y
5	STD50 460-869787/7	50.0	7.820581	50.0	529820.0	0.156412	Y
6	STD200 460-869787/8	200.0	33.748656	50.0	530993.0	0.168743	Y
7	STD500 460-869787/9	500.0	88.749602	50.0	536581.0	0.177499	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

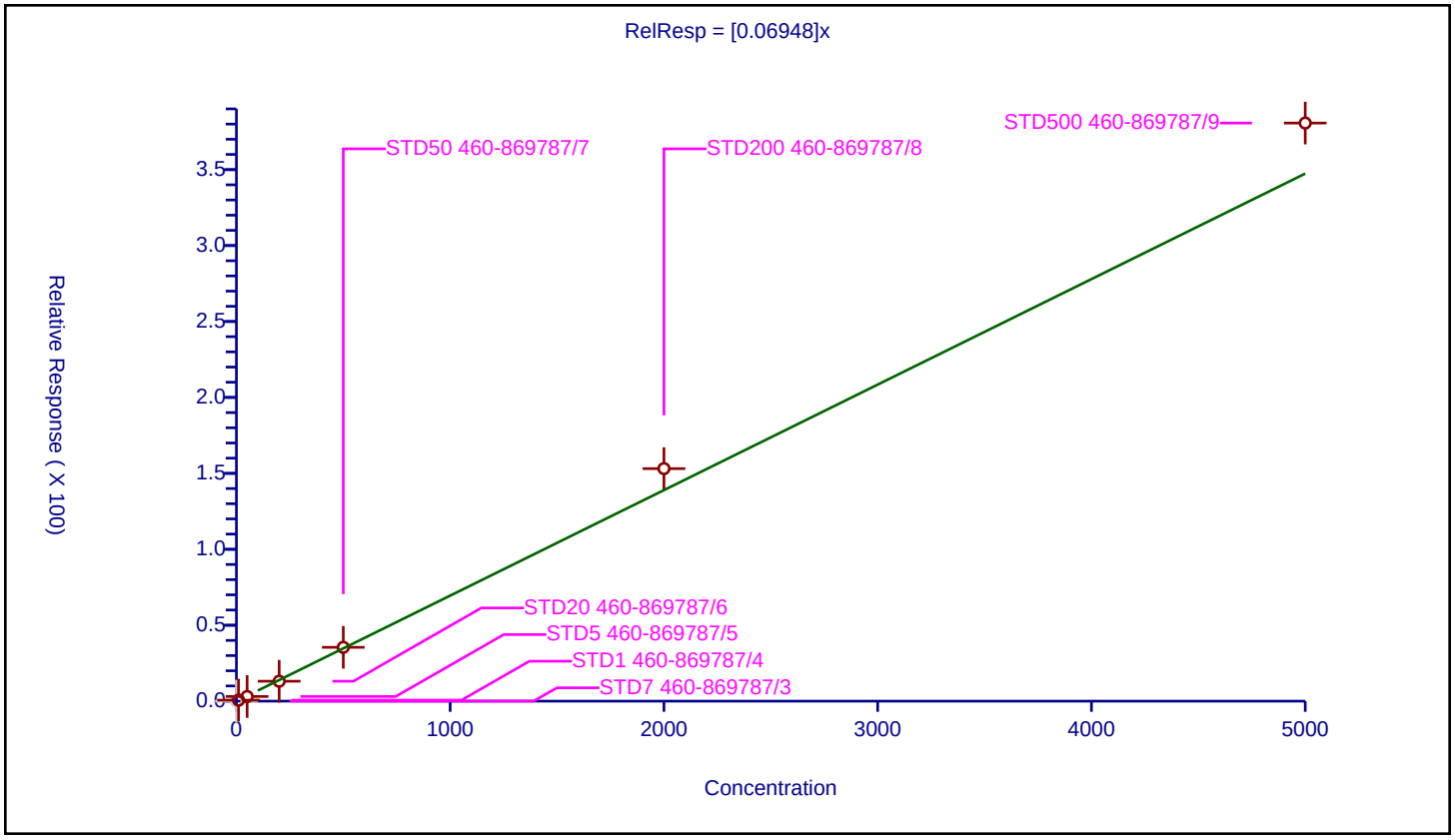
Curve Coefficients

Intercept:	0
Slope:	0.06948

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	10.0	0.66463	50.0	493508.0	0.066463	Y
3	STD5 460-869787/5	50.0	3.06539	50.0	530585.0	0.061308	Y
4	STD20 460-869787/6	200.0	13.108524	50.0	512552.0	0.065543	Y
5	STD50 460-869787/7	500.0	35.428731	50.0	529820.0	0.070857	Y
6	STD200 460-869787/8	2000.0	153.119438	50.0	530993.0	0.07656	Y
7	STD500 460-869787/9	5000.0	380.676636	50.0	536581.0	0.076135	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

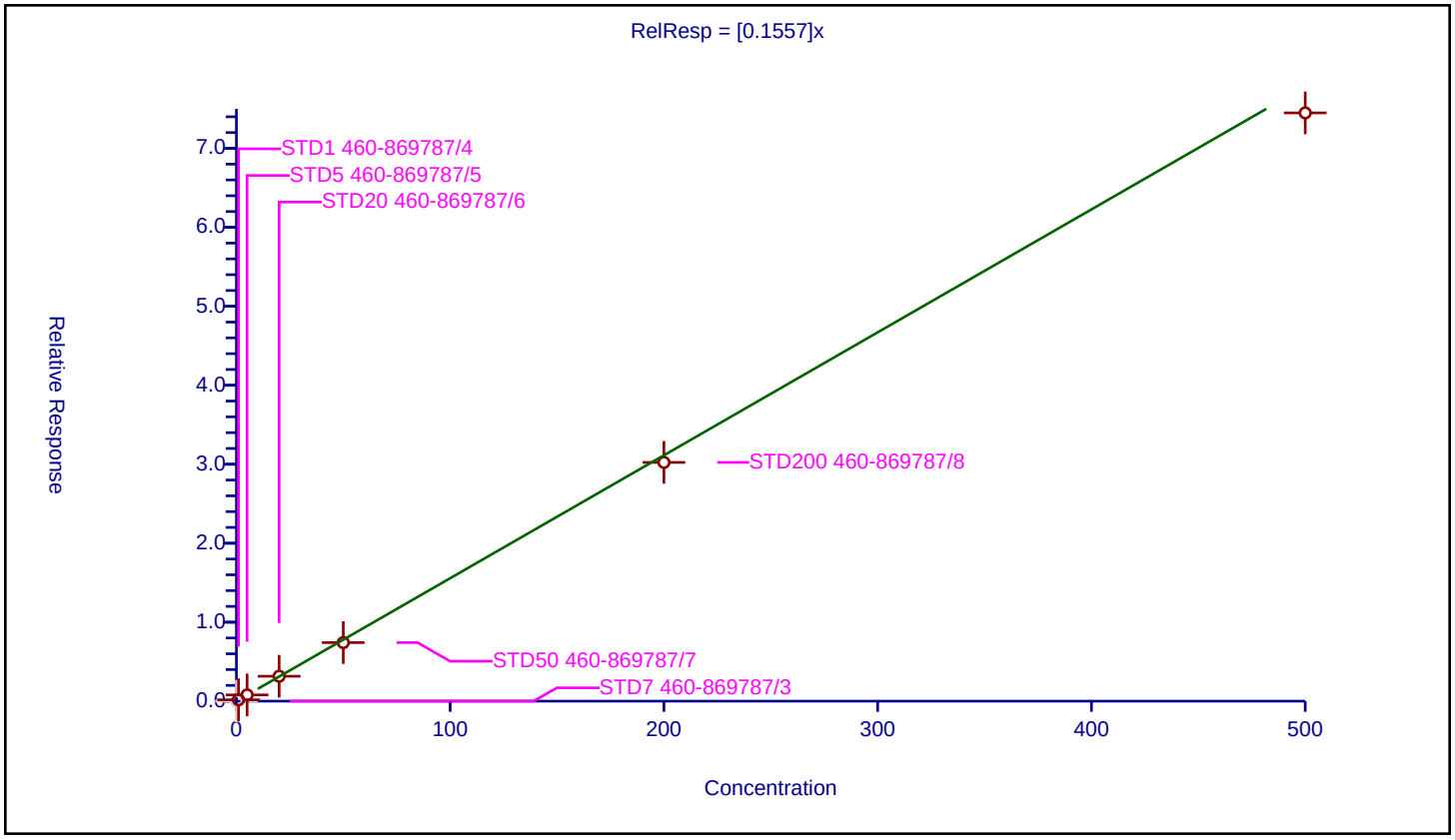
Curve Coefficients

Intercept:	0
Slope:	0.1557

Error Coefficients

Standard Error:	387000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.169805	50.0	493508.0	0.169805	Y
3	STD5 460-869787/5	5.0	0.790071	50.0	530585.0	0.158014	Y
4	STD20 460-869787/6	20.0	3.155582	50.0	512552.0	0.157779	Y
5	STD50 460-869787/7	50.0	7.414594	50.0	529820.0	0.148292	Y
6	STD200 460-869787/8	200.0	30.232225	50.0	530993.0	0.151161	Y
7	STD500 460-869787/9	500.0	74.490152	50.0	536581.0	0.14898	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

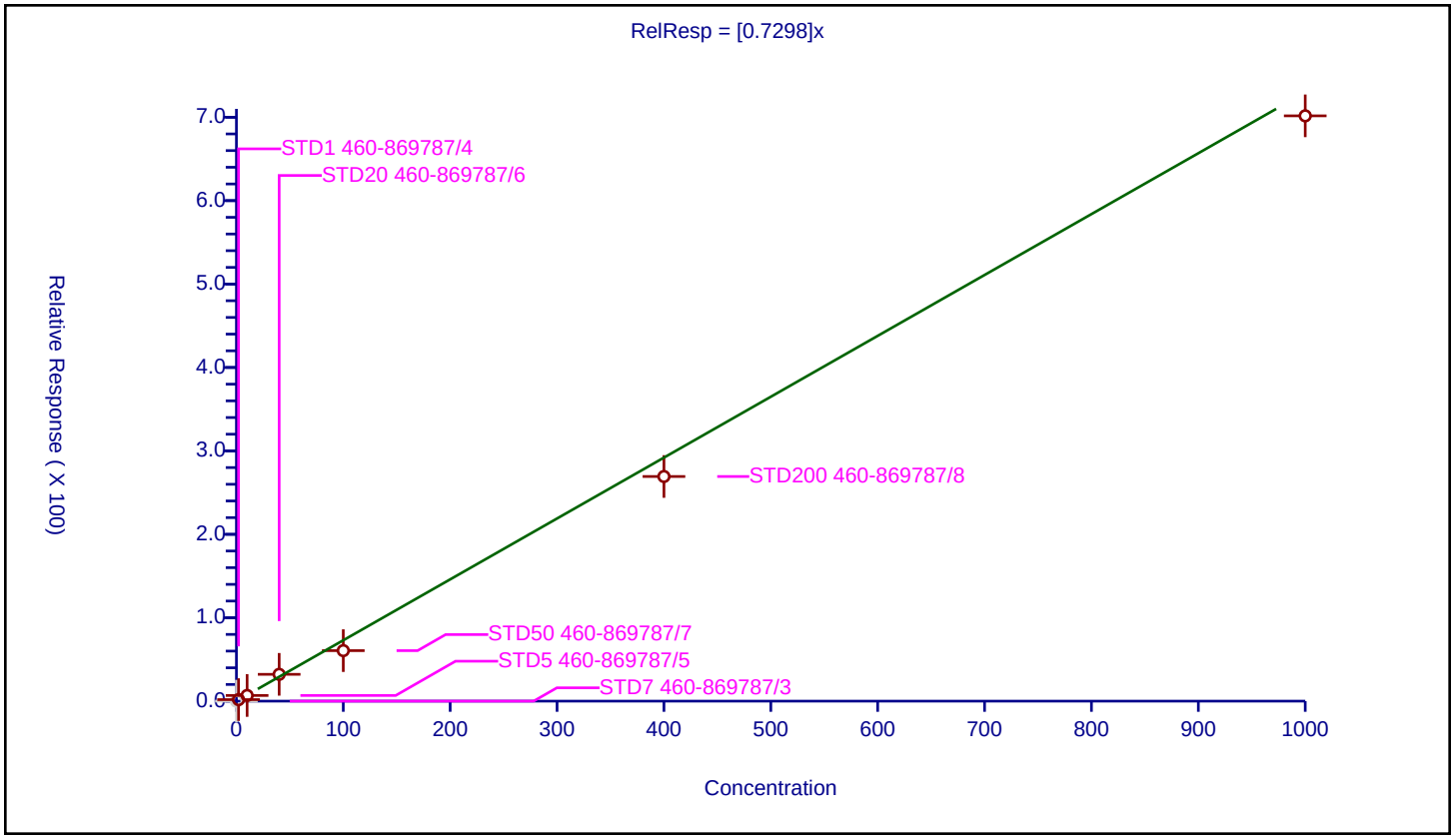
Curve Coefficients

Intercept:	0
Slope:	0.7298

Error Coefficients

Standard Error:	248000
Relative Standard Error:	15.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	2.0	1.831463	250.0	116710.0	0.915731	Y
3	STD5 460-869787/5	10.0	6.796717	250.0	135102.0	0.679672	Y
4	STD20 460-869787/6	40.0	32.124998	250.0	124786.0	0.803125	Y
5	STD50 460-869787/7	100.0	60.559436	250.0	162485.0	0.605594	Y
6	STD200 460-869787/8	400.0	269.294132	250.0	174211.0	0.673235	Y
7	STD500 460-869787/9	1000.0	701.658769	250.0	185499.0	0.701659	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

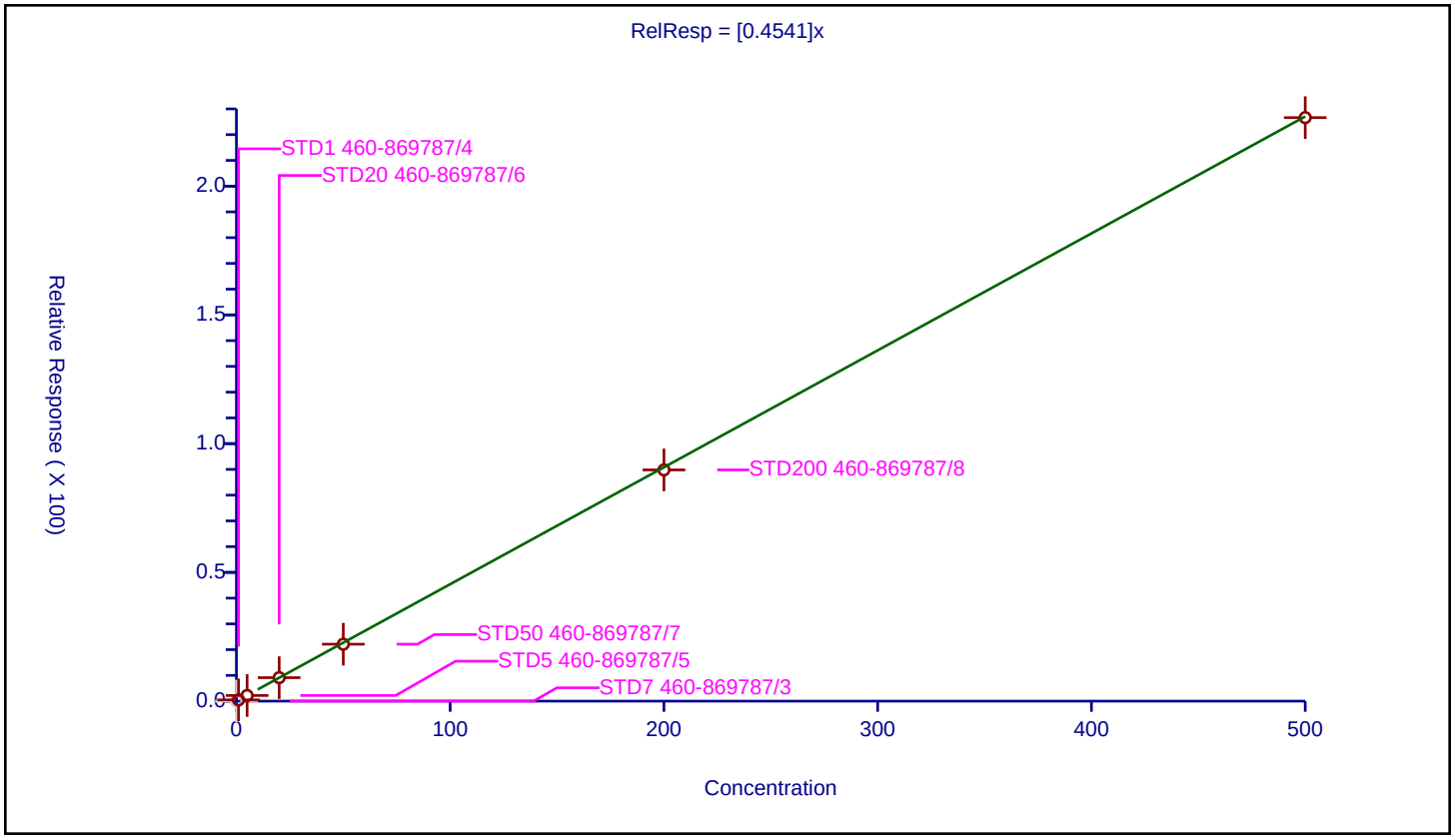
Curve Coefficients

Intercept:	0
Slope:	0.4541

Error Coefficients

Standard Error:	1170000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.485909	50.0	493508.0	0.485909	Y
3	STD5 460-869787/5	5.0	2.190318	50.0	530585.0	0.438064	Y
4	STD20 460-869787/6	20.0	9.119953	50.0	512552.0	0.455998	Y
5	STD50 460-869787/7	50.0	22.122891	50.0	529820.0	0.442458	Y
6	STD200 460-869787/8	200.0	89.797041	50.0	530993.0	0.448985	Y
7	STD500 460-869787/9	500.0	226.608844	50.0	536581.0	0.453218	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

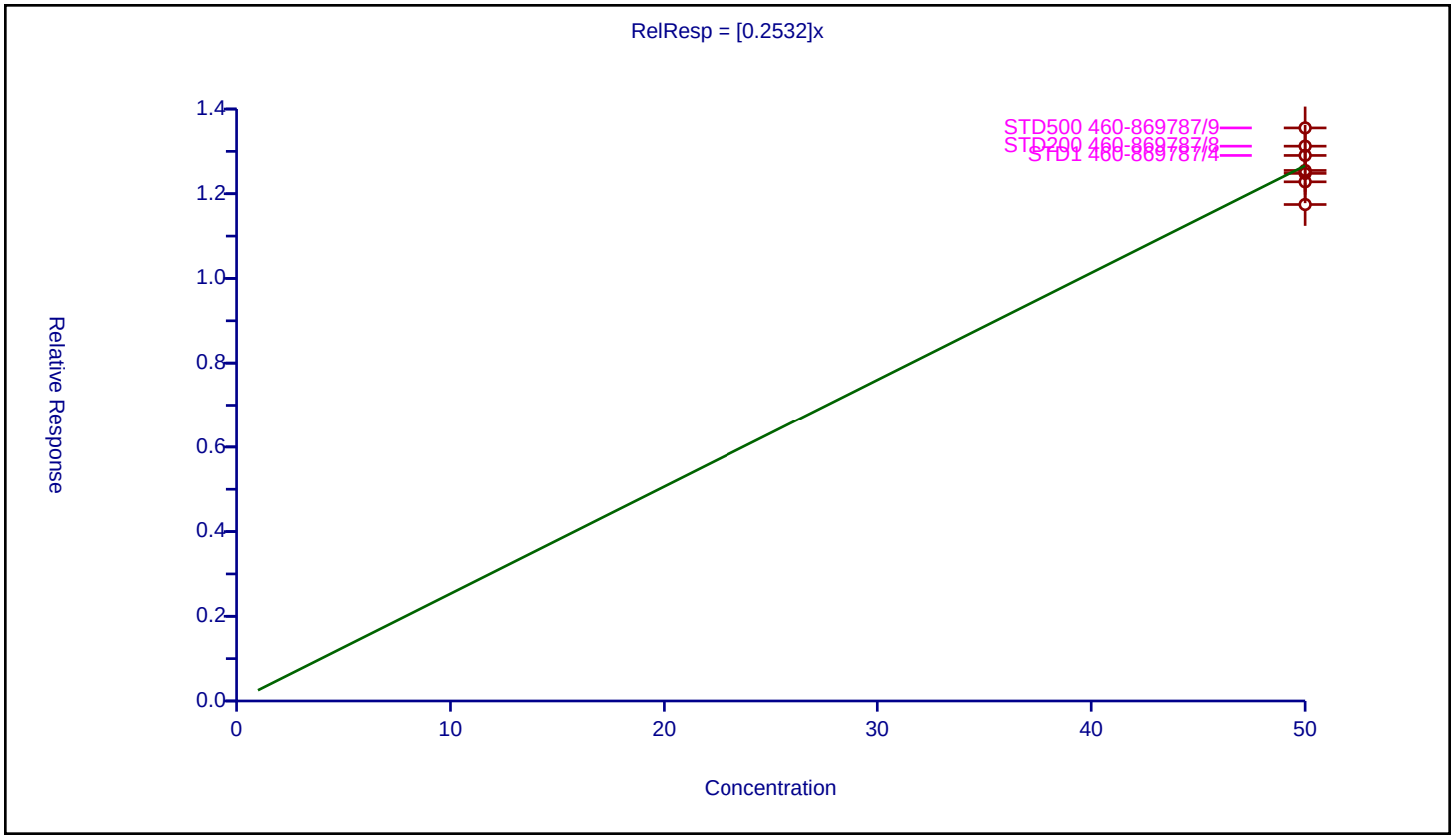
Curve Coefficients

Intercept:	0
Slope:	0.2532

Error Coefficients

Standard Error:	143000
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 460-869787/3	50.0	12.280948	50.0	508613.0	0.245619	Y
2	STD1 460-869787/4	50.0	12.903844	50.0	493508.0	0.258077	Y
3	STD5 460-869787/5	50.0	11.745432	50.0	530585.0	0.234909	Y
4	STD20 460-869787/6	50.0	12.479904	50.0	512552.0	0.249598	Y
5	STD50 460-869787/7	50.0	12.549262	50.0	529820.0	0.250985	Y
6	STD200 460-869787/8	50.0	13.123054	50.0	530993.0	0.262461	Y
7	STD500 460-869787/9	50.0	13.553685	50.0	536581.0	0.271074	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

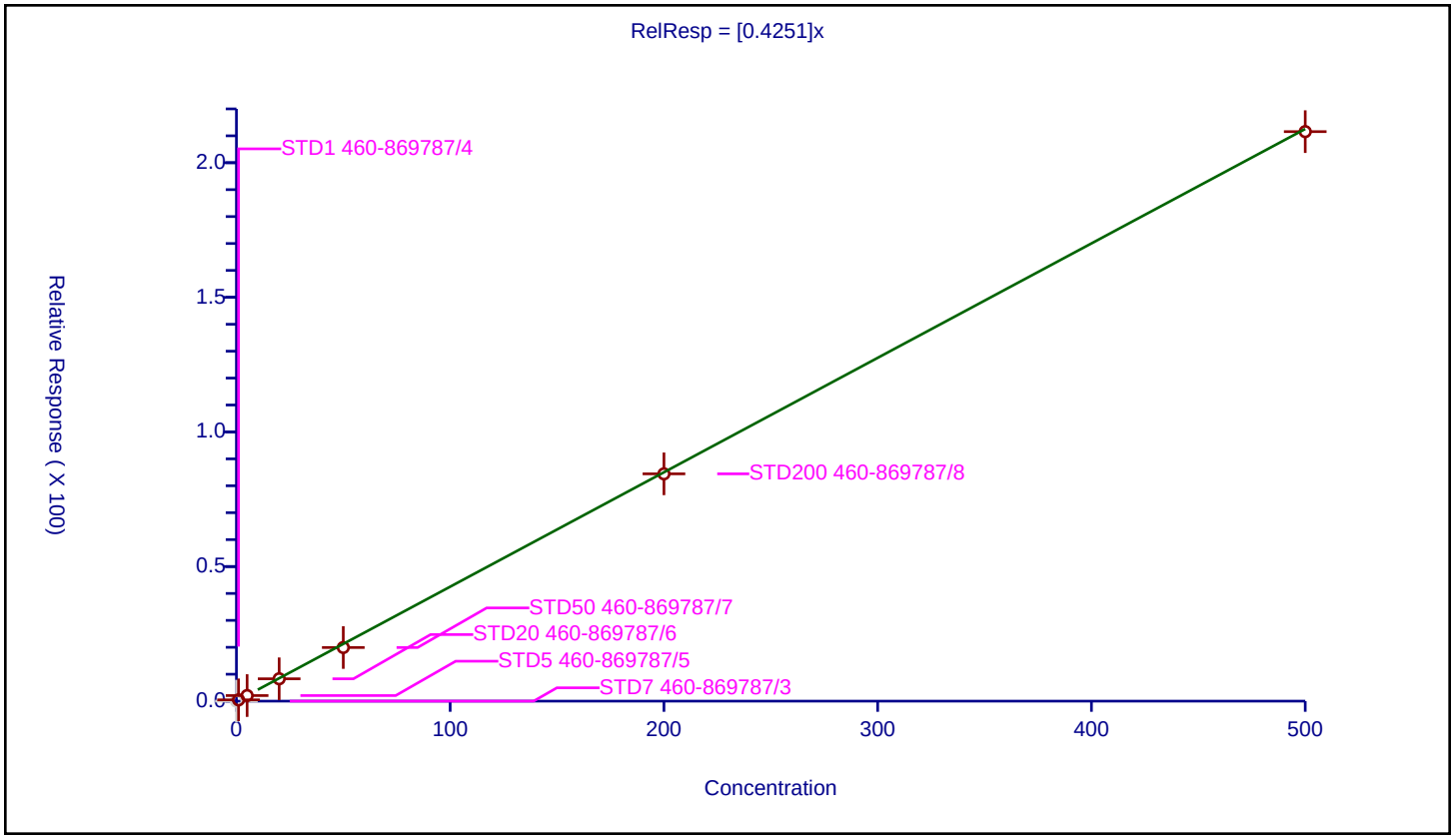
Curve Coefficients

Intercept:	0
Slope:	0.4251

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.4775	50.0	493508.0	0.4775	Y
3	STD5 460-869787/5	5.0	2.069414	50.0	530585.0	0.413883	Y
4	STD20 460-869787/6	20.0	8.306279	50.0	512552.0	0.415314	Y
5	STD50 460-869787/7	50.0	19.924597	50.0	529820.0	0.398492	Y
6	STD200 460-869787/8	200.0	84.432281	50.0	530993.0	0.422161	Y
7	STD500 460-869787/9	500.0	211.551564	50.0	536581.0	0.423103	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

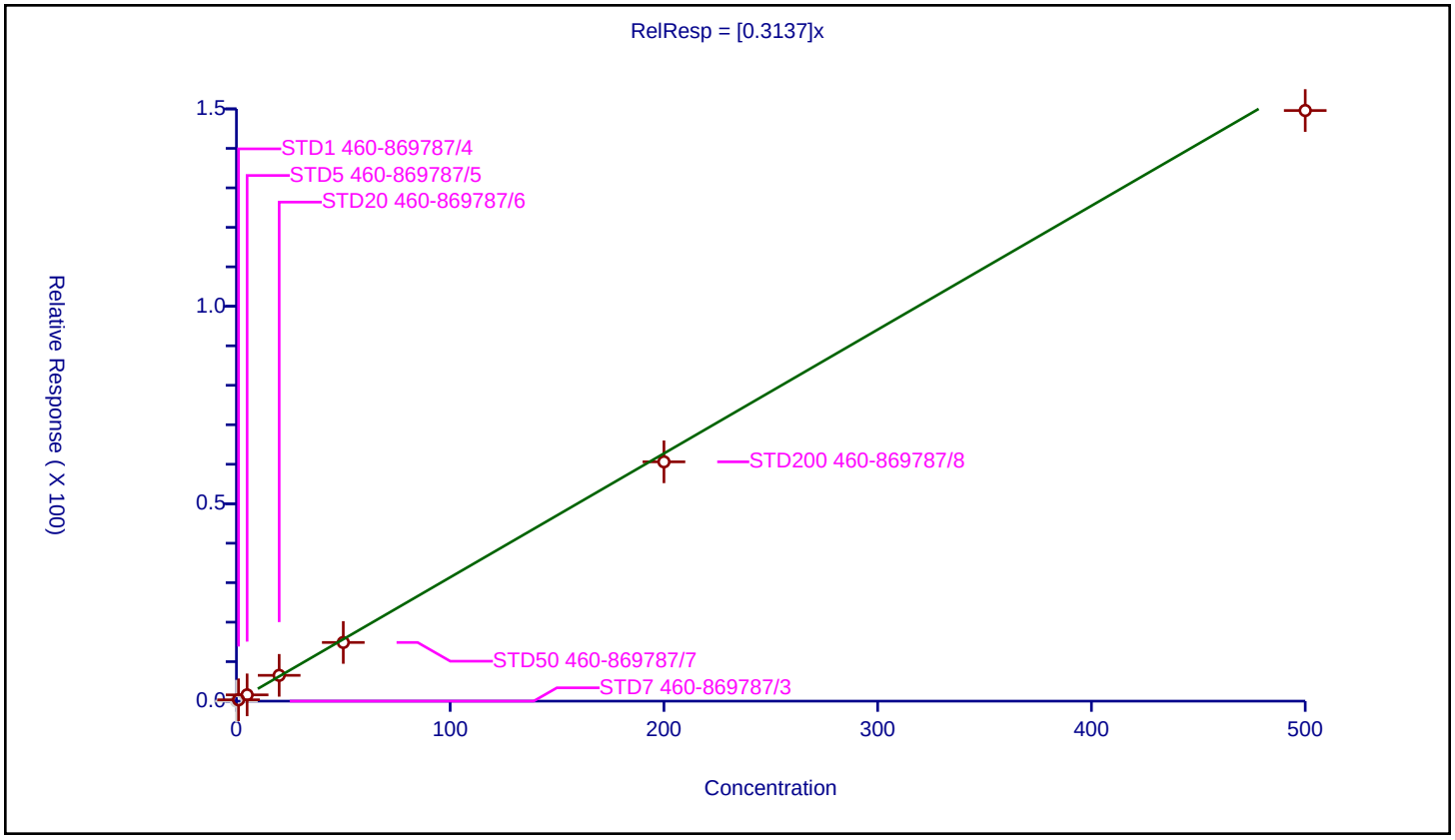
Curve Coefficients

Intercept:	0
Slope:	0.3137

Error Coefficients

Standard Error:	777000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.337482	50.0	493508.0	0.337482	Y
3	STD5 460-869787/5	5.0	1.591545	50.0	530585.0	0.318309	Y
4	STD20 460-869787/6	20.0	6.531825	50.0	512552.0	0.326591	Y
5	STD50 460-869787/7	50.0	14.865992	50.0	529820.0	0.29732	Y
6	STD200 460-869787/8	200.0	60.610969	50.0	530993.0	0.303055	Y
7	STD500 460-869787/9	500.0	149.585151	50.0	536581.0	0.29917	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

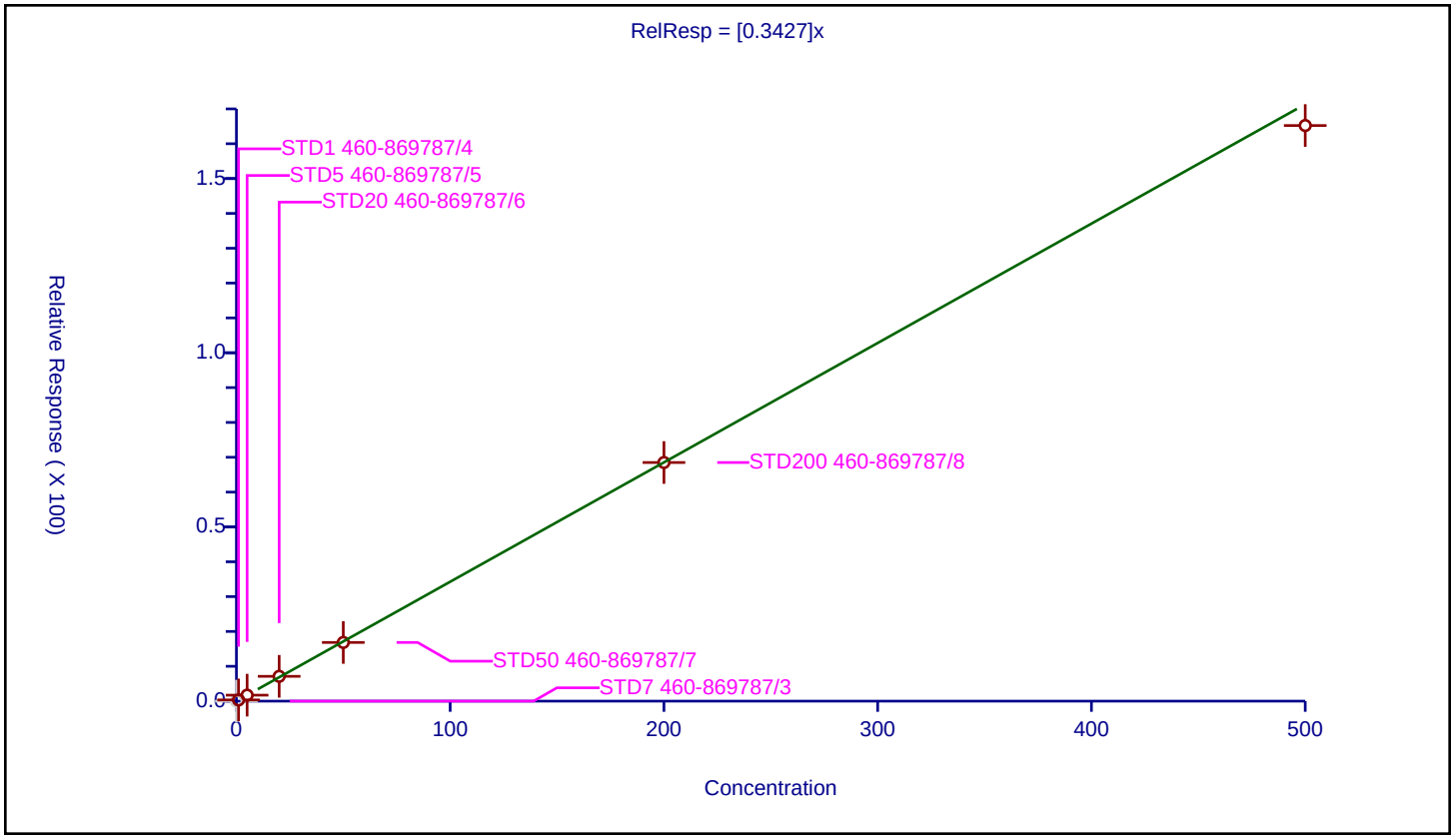
Curve Coefficients

Intercept:	0
Slope:	0.3427

Error Coefficients

Standard Error:	861000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.3466	50.0	493508.0	0.3466	Y
3	STD5 460-869787/5	5.0	1.718386	50.0	530585.0	0.343677	Y
4	STD20 460-869787/6	20.0	7.117814	50.0	512552.0	0.355891	Y
5	STD50 460-869787/7	50.0	16.847231	50.0	529820.0	0.336945	Y
6	STD200 460-869787/8	200.0	68.493464	50.0	530993.0	0.342467	Y
7	STD500 460-869787/9	500.0	165.221933	50.0	536581.0	0.330444	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

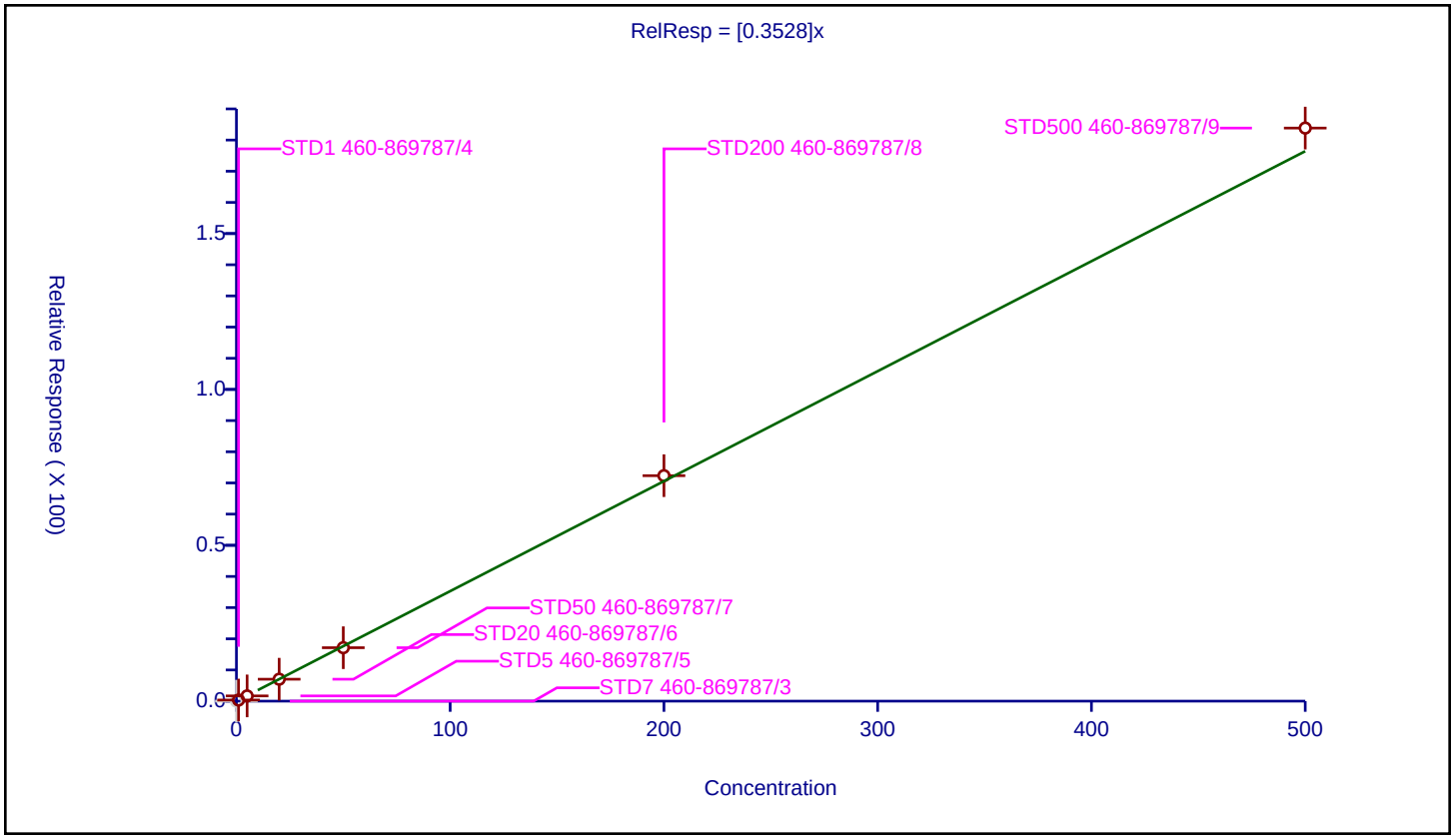
Curve Coefficients

Intercept:	0
Slope:	0.3528

Error Coefficients

Standard Error:	951000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.357846	50.0	493508.0	0.357846	Y
3	STD5 460-869787/5	5.0	1.676451	50.0	530585.0	0.33529	Y
4	STD20 460-869787/6	20.0	7.034311	50.0	512552.0	0.351716	Y
5	STD50 460-869787/7	50.0	17.14101	50.0	529820.0	0.34282	Y
6	STD200 460-869787/8	200.0	72.337112	50.0	530993.0	0.361686	Y
7	STD500 460-869787/9	500.0	183.850435	50.0	536581.0	0.367701	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

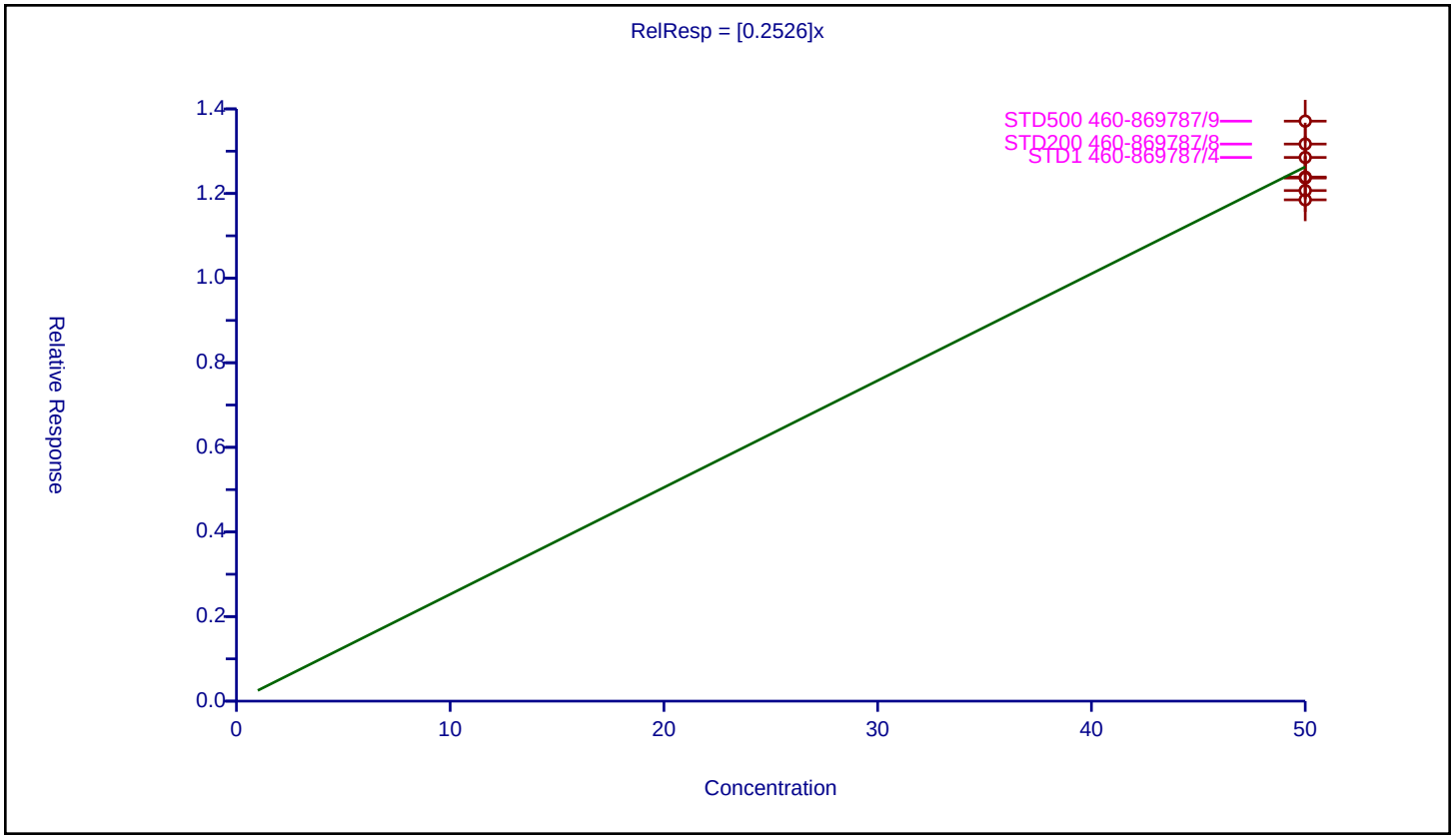
Curve Coefficients

Intercept:	0
Slope:	0.2526

Error Coefficients

Standard Error:	142000
Relative Standard Error:	5.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	50.0	12.388791	50.0	508613.0	0.247776	Y
2	STD1 460-869787/4	50.0	12.852071	50.0	493508.0	0.257041	Y
3	STD5 460-869787/5	50.0	11.850693	50.0	530585.0	0.237014	Y
4	STD20 460-869787/6	50.0	12.069702	50.0	512552.0	0.241394	Y
5	STD50 460-869787/7	50.0	12.365803	50.0	529820.0	0.247316	Y
6	STD200 460-869787/8	50.0	13.168724	50.0	530993.0	0.263374	Y
7	STD500 460-869787/9	50.0	13.710418	50.0	536581.0	0.274208	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

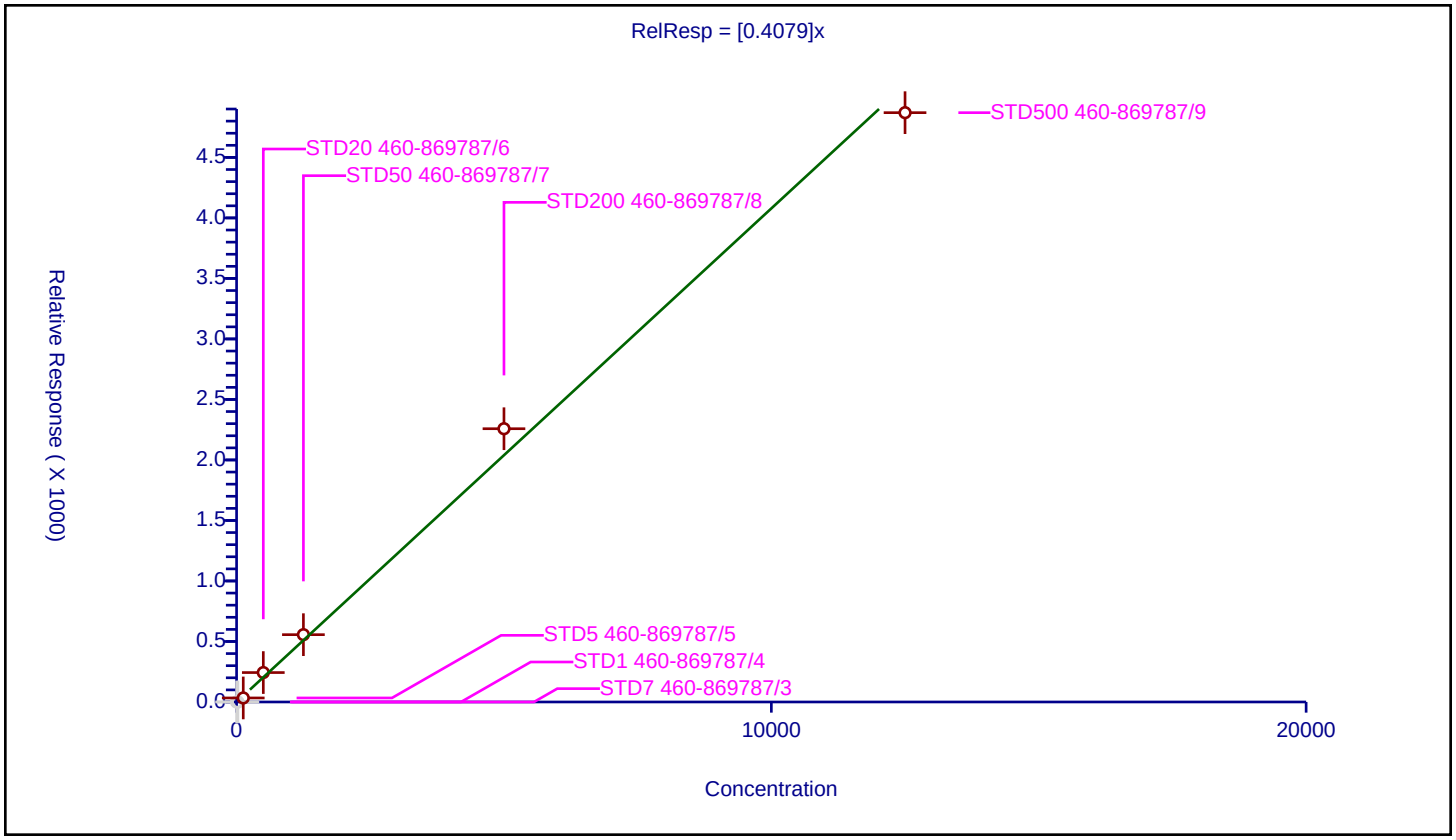
Curve Coefficients

Intercept:	0
Slope:	0.4079

Error Coefficients

Standard Error:	478000
Relative Standard Error:	21.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	25.0	0.0	1000.0	125896.0	0.0	N
3	STD5 460-869787/5	125.0	33.364913	1000.0	140387.0	0.266919	Y
4	STD20 460-869787/6	500.0	243.078495	1000.0	117460.0	0.486157	Y
5	STD50 460-869787/7	1250.0	556.25523	1000.0	138636.0	0.445004	Y
6	STD200 460-869787/8	5000.0	2258.089065	1000.0	149801.0	0.451618	Y
7	STD500 460-869787/9	12500.0	4869.811167	1000.0	184025.0	0.389585	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

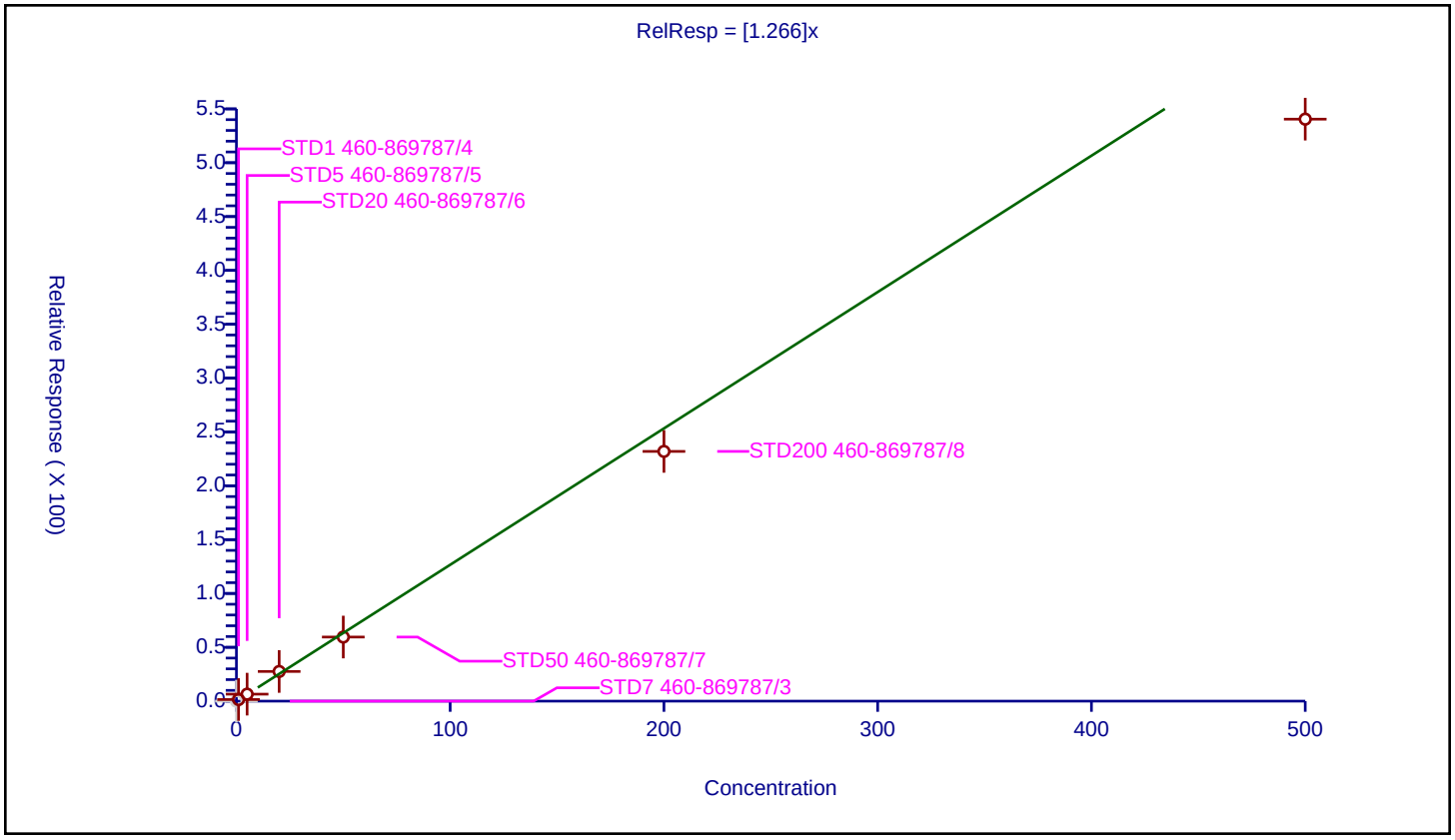
Curve Coefficients

Intercept:	0
Slope:	1.266

Error Coefficients

Standard Error:	2560000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	1.489734	50.0	368220.0	1.489734	Y
3	STD5 460-869787/5	5.0	6.493762	50.0	417493.0	1.298752	Y
4	STD20 460-869787/6	20.0	27.571151	50.0	396797.0	1.378558	Y
5	STD50 460-869787/7	50.0	59.515228	50.0	447241.0	1.190305	Y
6	STD200 460-869787/8	200.0	231.922803	50.0	462970.0	1.159614	Y
7	STD500 460-869787/9	500.0	540.47892	50.0	487618.0	1.080958	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

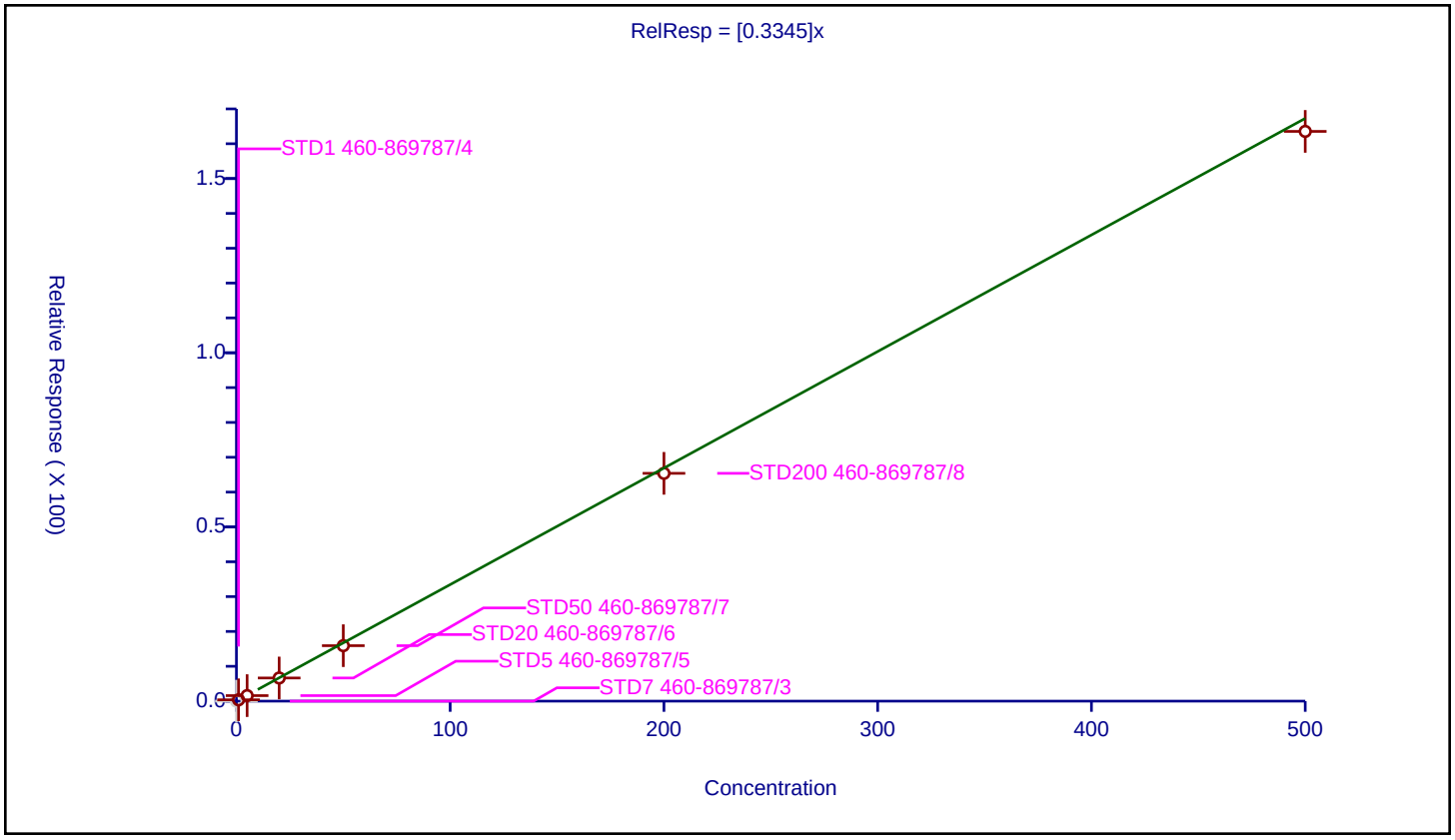
Curve Coefficients

Intercept:	0
Slope:	0.3345

Error Coefficients

Standard Error:	848000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.384594	50.0	493508.0	0.384594	Y
3	STD5 460-869787/5	5.0	1.589001	50.0	530585.0	0.3178	Y
4	STD20 460-869787/6	20.0	6.647716	50.0	512552.0	0.332386	Y
5	STD50 460-869787/7	50.0	15.921162	50.0	529820.0	0.318423	Y
6	STD200 460-869787/8	200.0	65.389939	50.0	530993.0	0.32695	Y
7	STD500 460-869787/9	500.0	163.537565	50.0	536581.0	0.327075	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

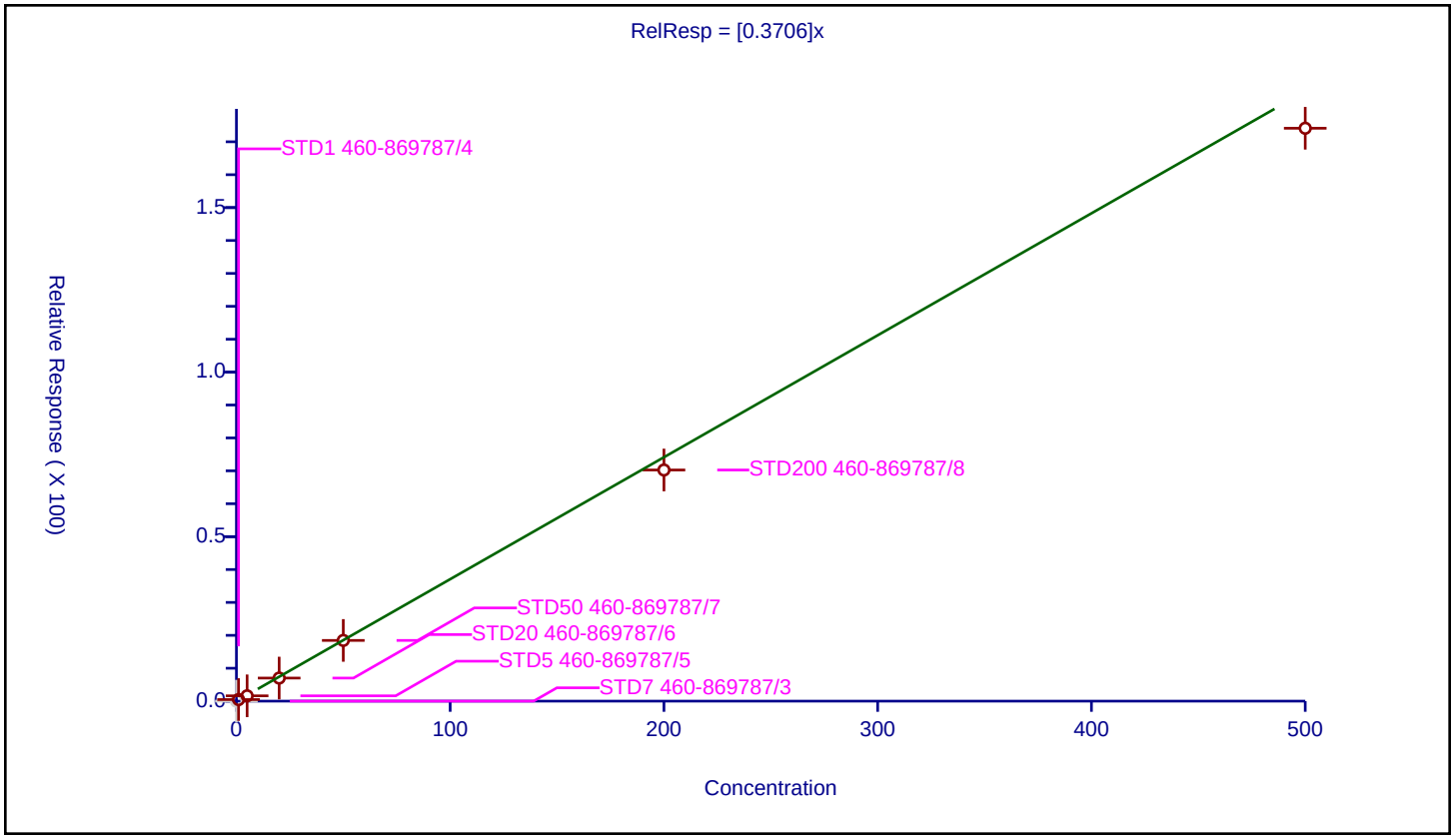
Curve Coefficients

Intercept:	0
Slope:	0.3706

Error Coefficients

Standard Error:	905000
Relative Standard Error:	15.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.481552	50.0	493508.0	0.481552	Y
3	STD5 460-869787/5	5.0	1.615104	50.0	530585.0	0.323021	Y
4	STD20 460-869787/6	20.0	7.014118	50.0	512552.0	0.350706	Y
5	STD50 460-869787/7	50.0	18.455419	50.0	529820.0	0.369108	Y
6	STD200 460-869787/8	200.0	70.252809	50.0	530993.0	0.351264	Y
7	STD500 460-869787/9	500.0	174.114812	50.0	536581.0	0.34823	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

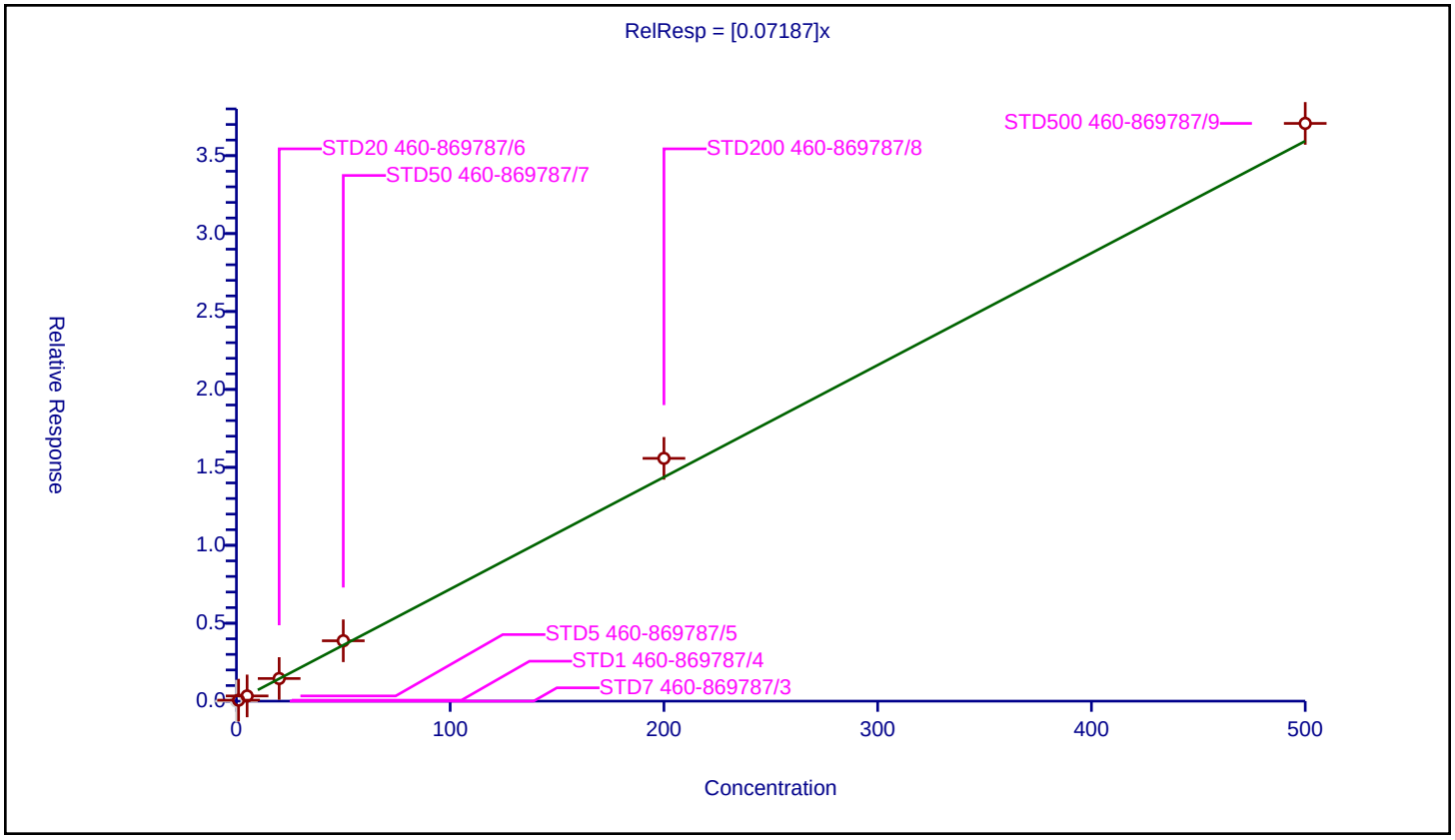
Curve Coefficients

Intercept:	0
Slope:	0.07187

Error Coefficients

Standard Error:	194000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.062309	50.0	493508.0	0.062309	Y
3	STD5 460-869787/5	5.0	0.333971	50.0	530585.0	0.066794	Y
4	STD20 460-869787/6	20.0	1.45195	50.0	512552.0	0.072598	Y
5	STD50 460-869787/7	50.0	3.87358	50.0	529820.0	0.077472	Y
6	STD200 460-869787/8	200.0	15.577983	50.0	530993.0	0.07789	Y
7	STD500 460-869787/9	500.0	37.069427	50.0	536581.0	0.074139	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

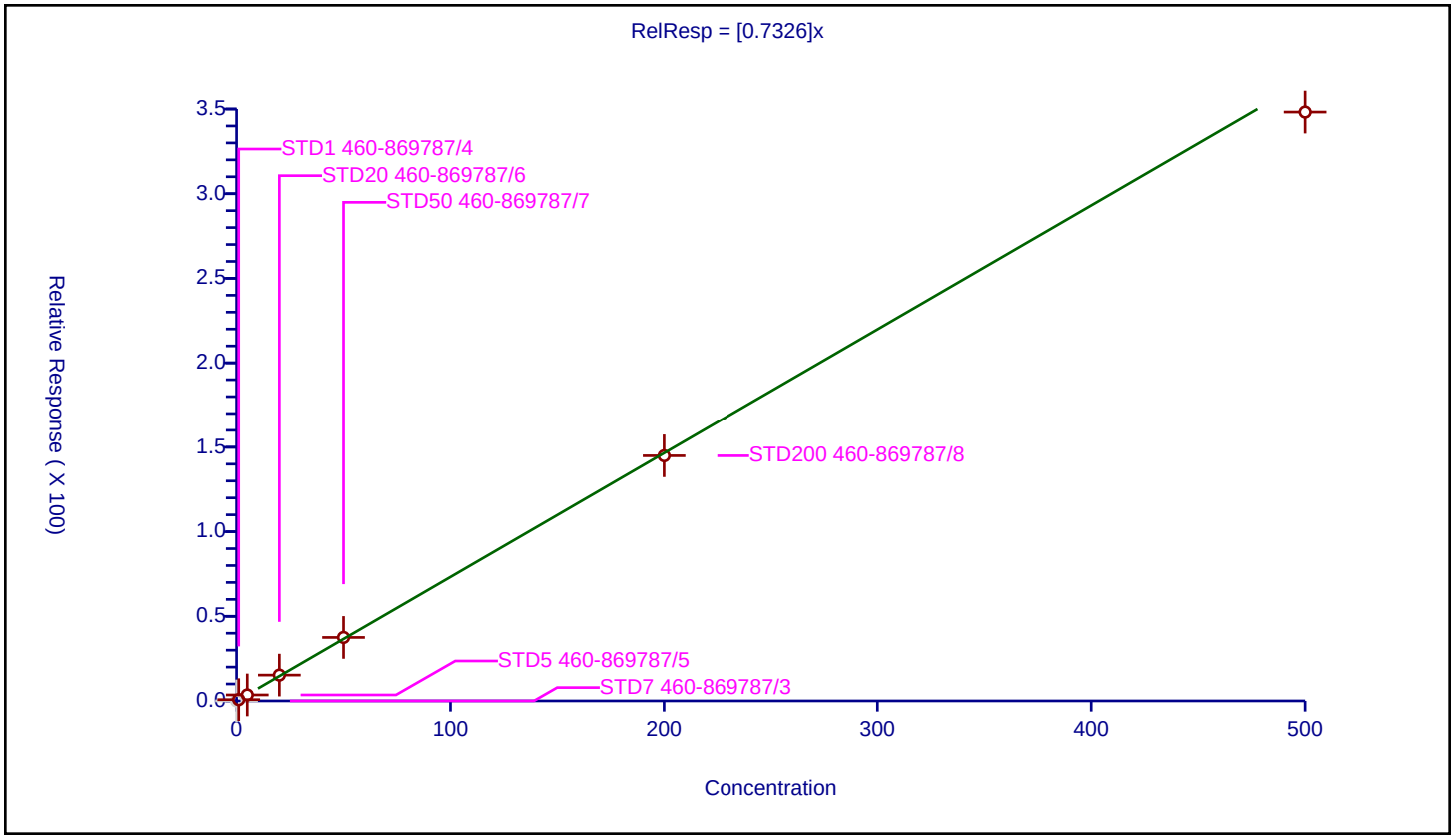
Curve Coefficients

Intercept:	0
Slope:	0.7326

Error Coefficients

Standard Error:	1820000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.753483	50.0	493508.0	0.753483	Y
3	STD5 460-869787/5	5.0	3.53883	50.0	530585.0	0.707766	Y
4	STD20 460-869787/6	20.0	15.258744	50.0	512552.0	0.762937	Y
5	STD50 460-869787/7	50.0	37.523687	50.0	529820.0	0.750474	Y
6	STD200 460-869787/8	200.0	144.945602	50.0	530993.0	0.724728	Y
7	STD500 460-869787/9	500.0	348.20139	50.0	536581.0	0.696403	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

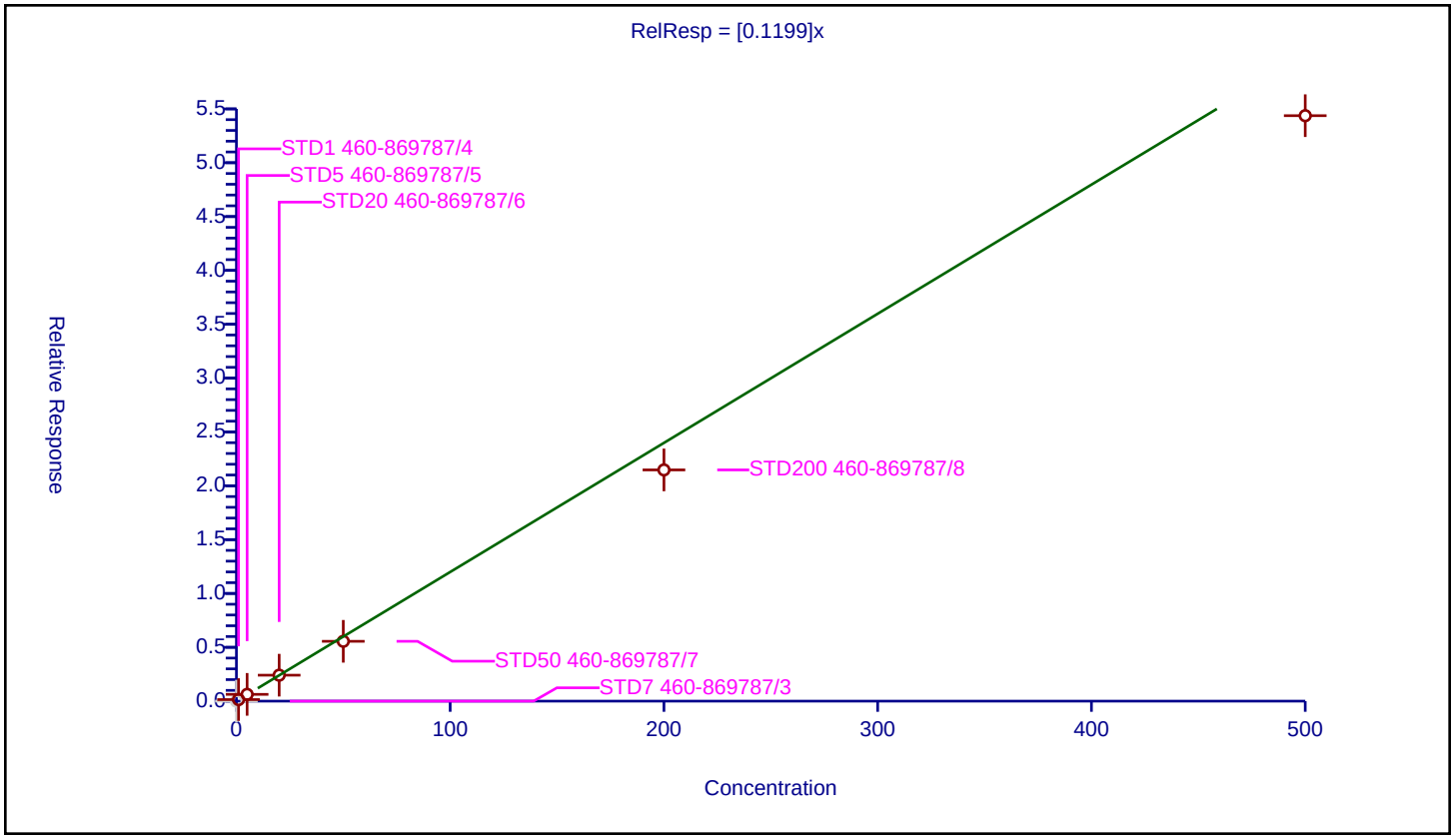
Curve Coefficients

Intercept:	0
Slope:	0.1199

Error Coefficients

Standard Error:	282000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.145793	50.0	493508.0	0.145793	Y
3	STD5 460-869787/5	5.0	0.629682	50.0	530585.0	0.125936	Y
4	STD20 460-869787/6	20.0	2.409999	50.0	512552.0	0.1205	Y
5	STD50 460-869787/7	50.0	5.557265	50.0	529820.0	0.111145	Y
6	STD200 460-869787/8	200.0	21.473729	50.0	530993.0	0.107369	Y
7	STD500 460-869787/9	500.0	54.368679	50.0	536581.0	0.108737	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

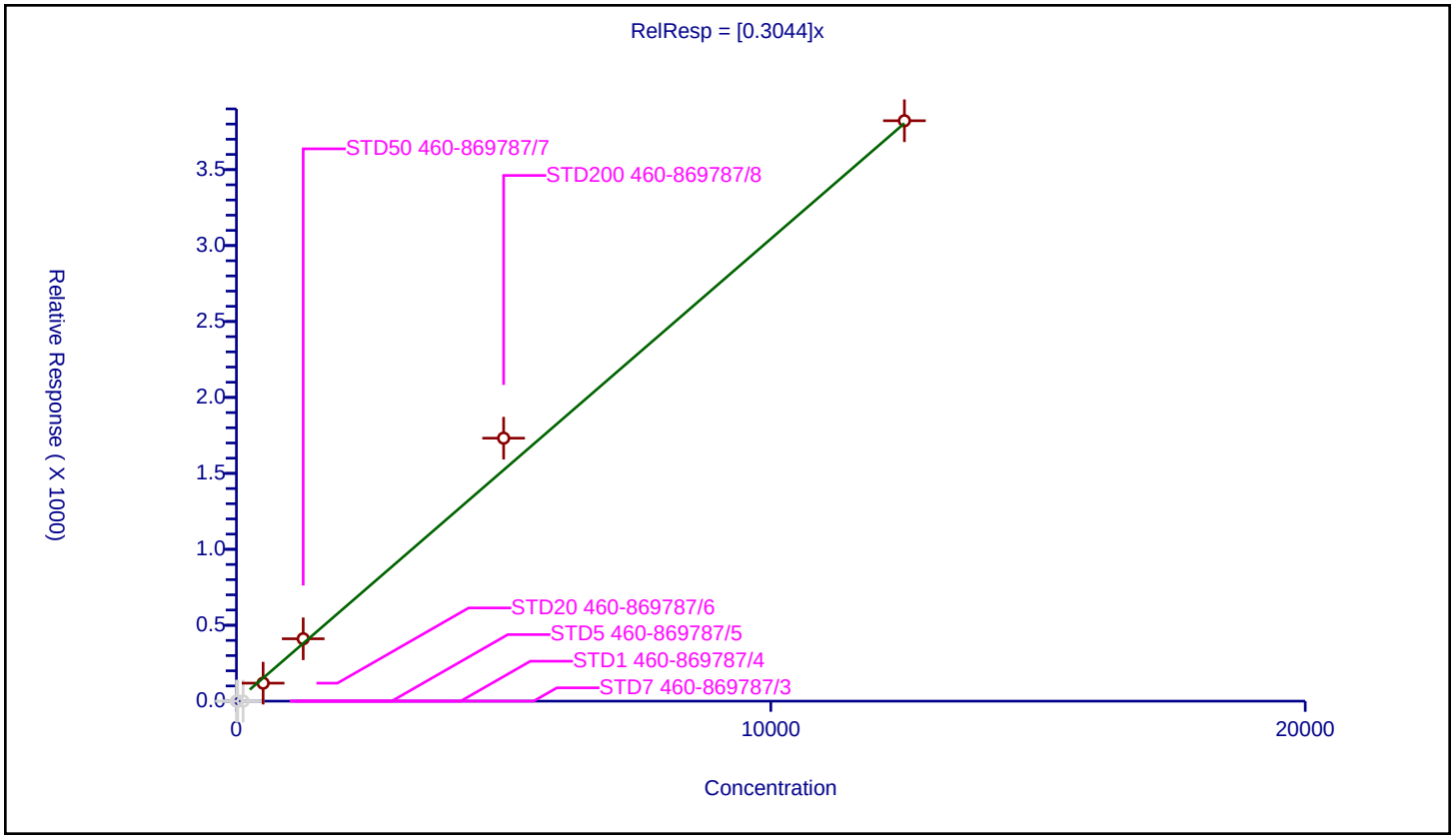
Curve Coefficients

Intercept:	0
Slope:	0.3044

Error Coefficients

Standard Error:	432000
Relative Standard Error:	15.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	136159.0	NaN	N
2	STD1 460-869787/4	25.0	0.0	1000.0	125896.0	0.0	N
3	STD5 460-869787/5	125.0	0.0	1000.0	140387.0	0.0	N
4	STD20 460-869787/6	500.0	118.516942	1000.0	117460.0	0.237034	Y
5	STD50 460-869787/7	1250.0	410.614848	1000.0	138636.0	0.328492	Y
6	STD200 460-869787/8	5000.0	1731.704061	1000.0	149801.0	0.346341	Y
7	STD500 460-869787/9	12500.0	3821.866594	1000.0	184025.0	0.305749	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

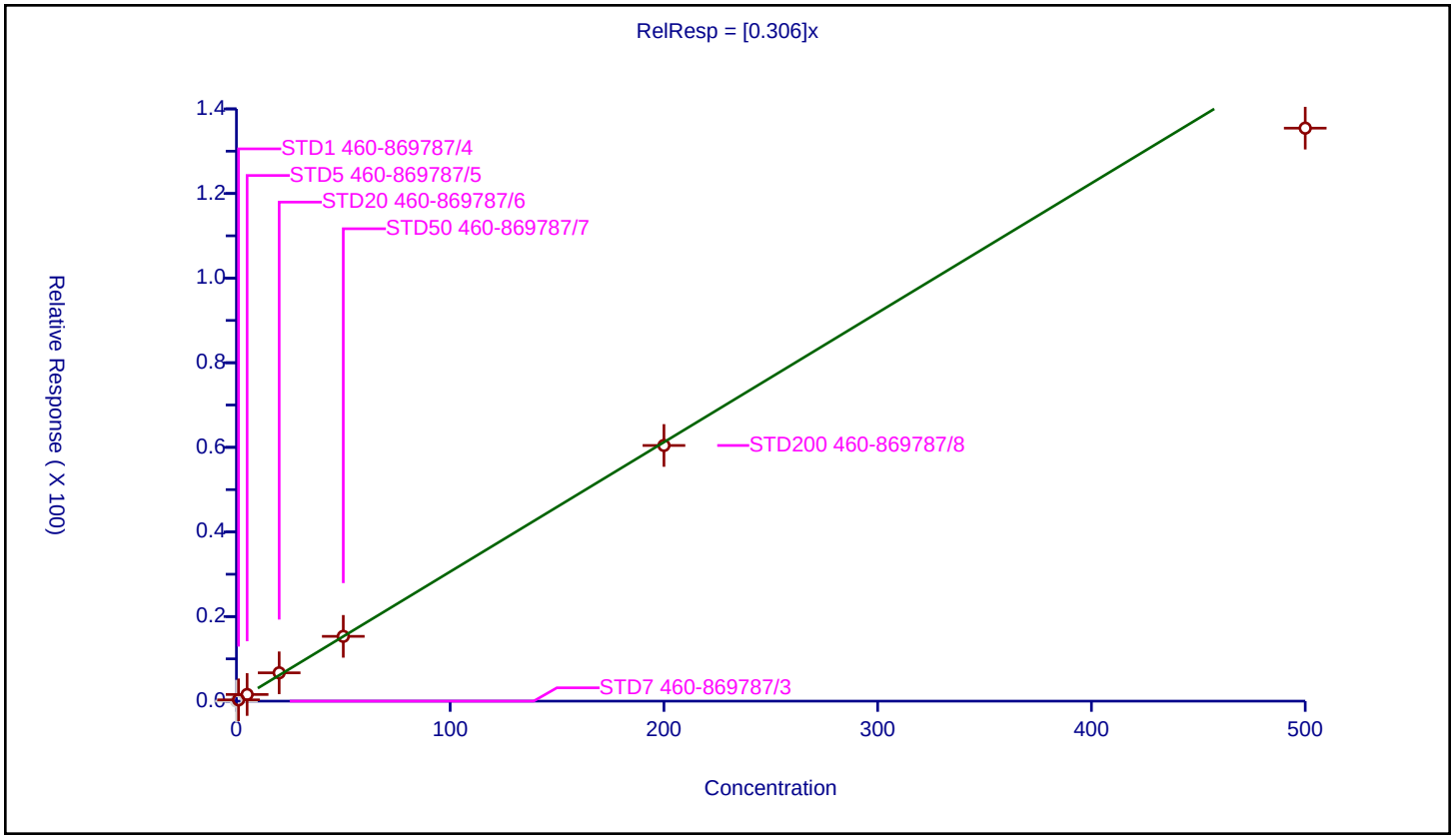
Curve Coefficients

Intercept:	0
Slope:	0.306

Error Coefficients

Standard Error:	715000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.307999	50.0	493508.0	0.307999	Y
3	STD5 460-869787/5	5.0	1.571379	50.0	530585.0	0.314276	Y
4	STD20 460-869787/6	20.0	6.693467	50.0	512552.0	0.334673	Y
5	STD50 460-869787/7	50.0	15.312842	50.0	529820.0	0.306257	Y
6	STD200 460-869787/8	200.0	60.438838	50.0	530993.0	0.302194	Y
7	STD500 460-869787/9	500.0	135.44777	50.0	536581.0	0.270896	Y



Calibration / Ethyl acrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

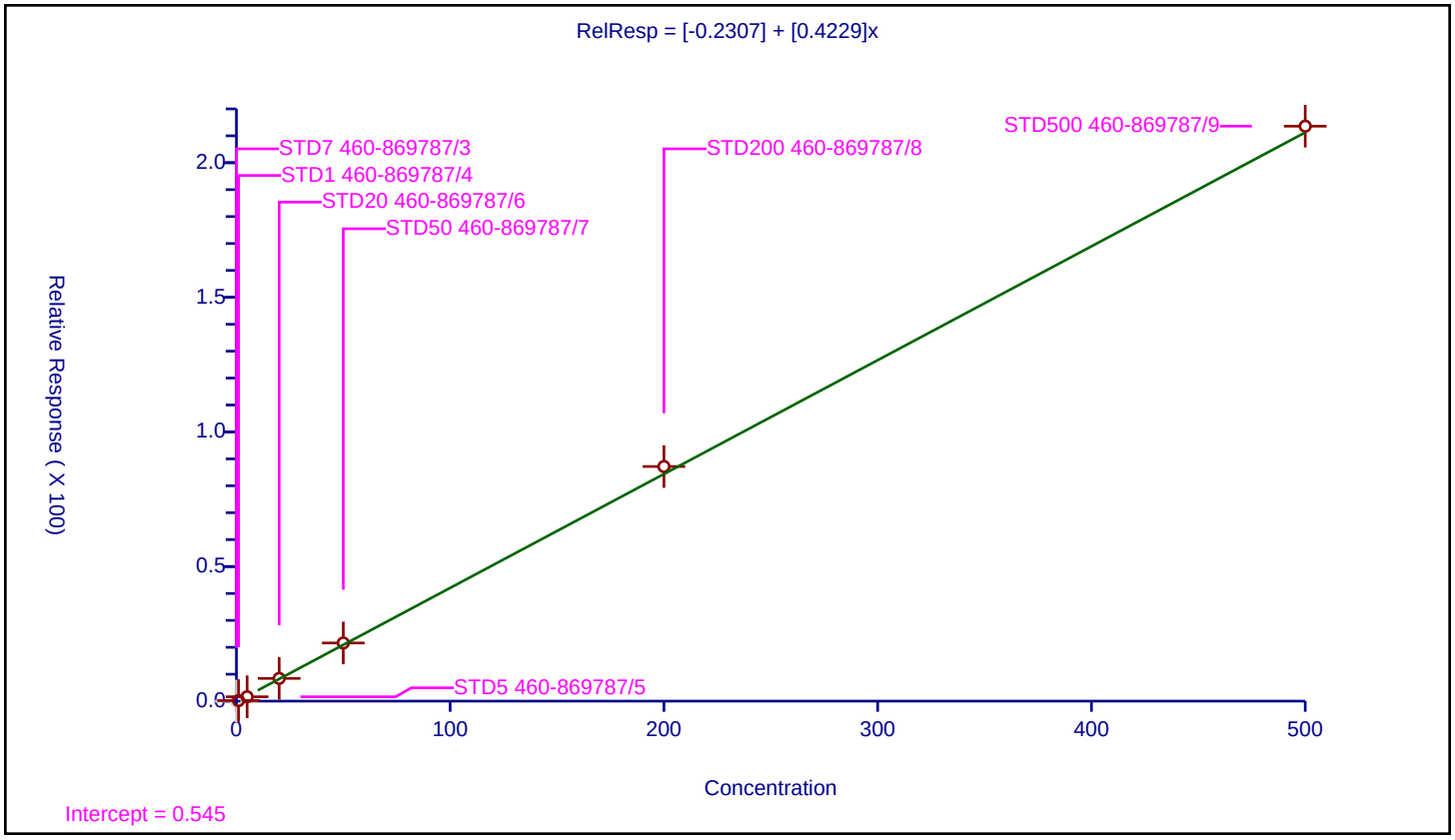
Curve Coefficients

Intercept:	-0.2307
Slope:	0.4229

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.201922	50.0	493508.0	0.201922	Y
3	STD5 460-869787/5	5.0	1.62057	50.0	530585.0	0.324114	Y
4	STD20 460-869787/6	20.0	8.442656	50.0	512552.0	0.422133	Y
5	STD50 460-869787/7	50.0	21.599222	50.0	529820.0	0.431984	Y
6	STD200 460-869787/8	200.0	87.159906	50.0	530993.0	0.4358	Y
7	STD500 460-869787/9	500.0	213.578006	50.0	536581.0	0.427156	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

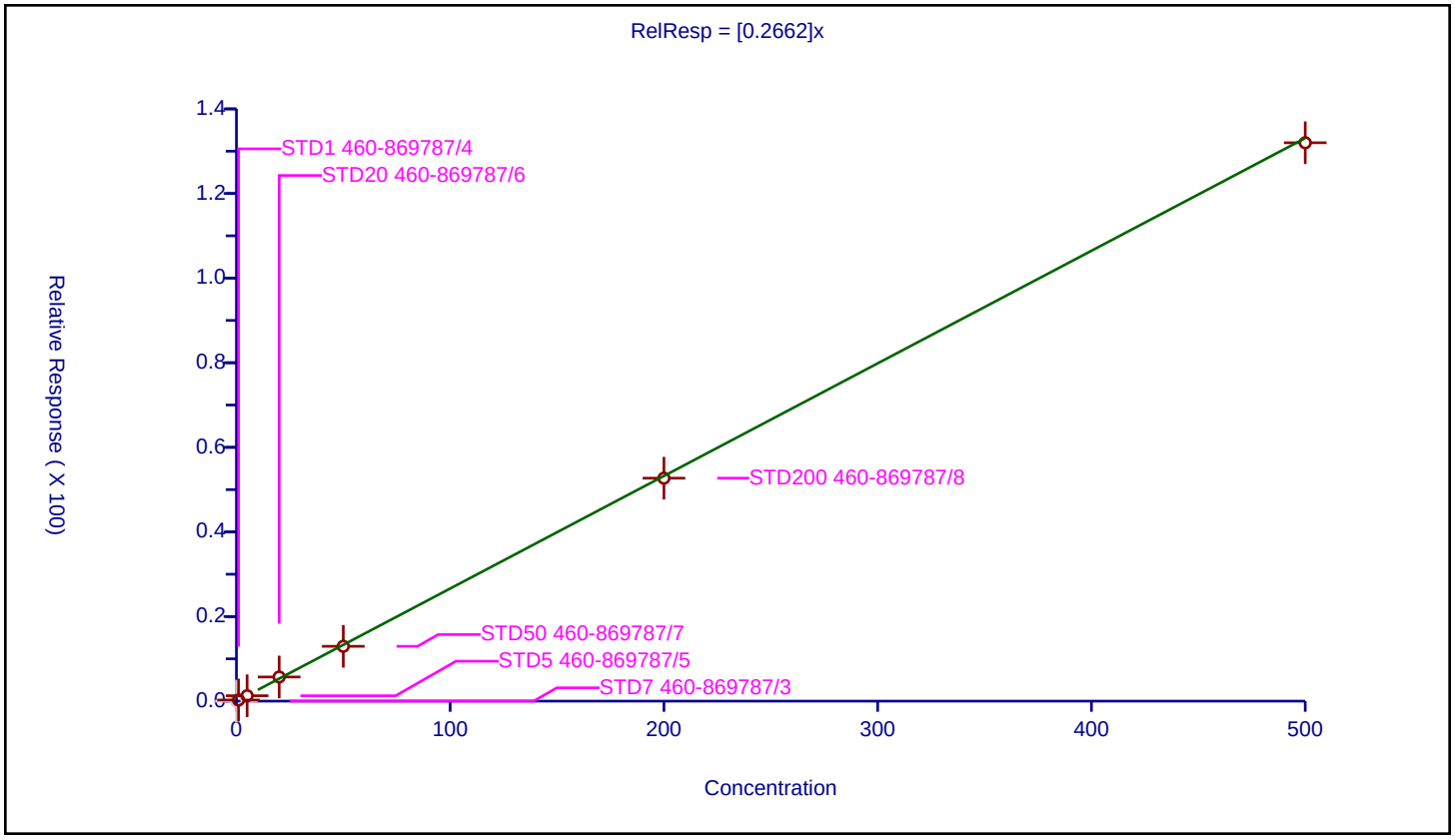
Curve Coefficients

Intercept:	0
Slope:	0.2662

Error Coefficients

Standard Error:	684000
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	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.269803	50.0	493508.0	0.269803	Y
3	STD5 460-869787/5	5.0	1.274537	50.0	530585.0	0.254907	Y
4	STD20 460-869787/6	20.0	5.70986	50.0	512552.0	0.285493	Y
5	STD50 460-869787/7	50.0	12.95959	50.0	529820.0	0.259192	Y
6	STD200 460-869787/8	200.0	52.704932	50.0	530993.0	0.263525	Y
7	STD500 460-869787/9	500.0	131.998804	50.0	536581.0	0.263998	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

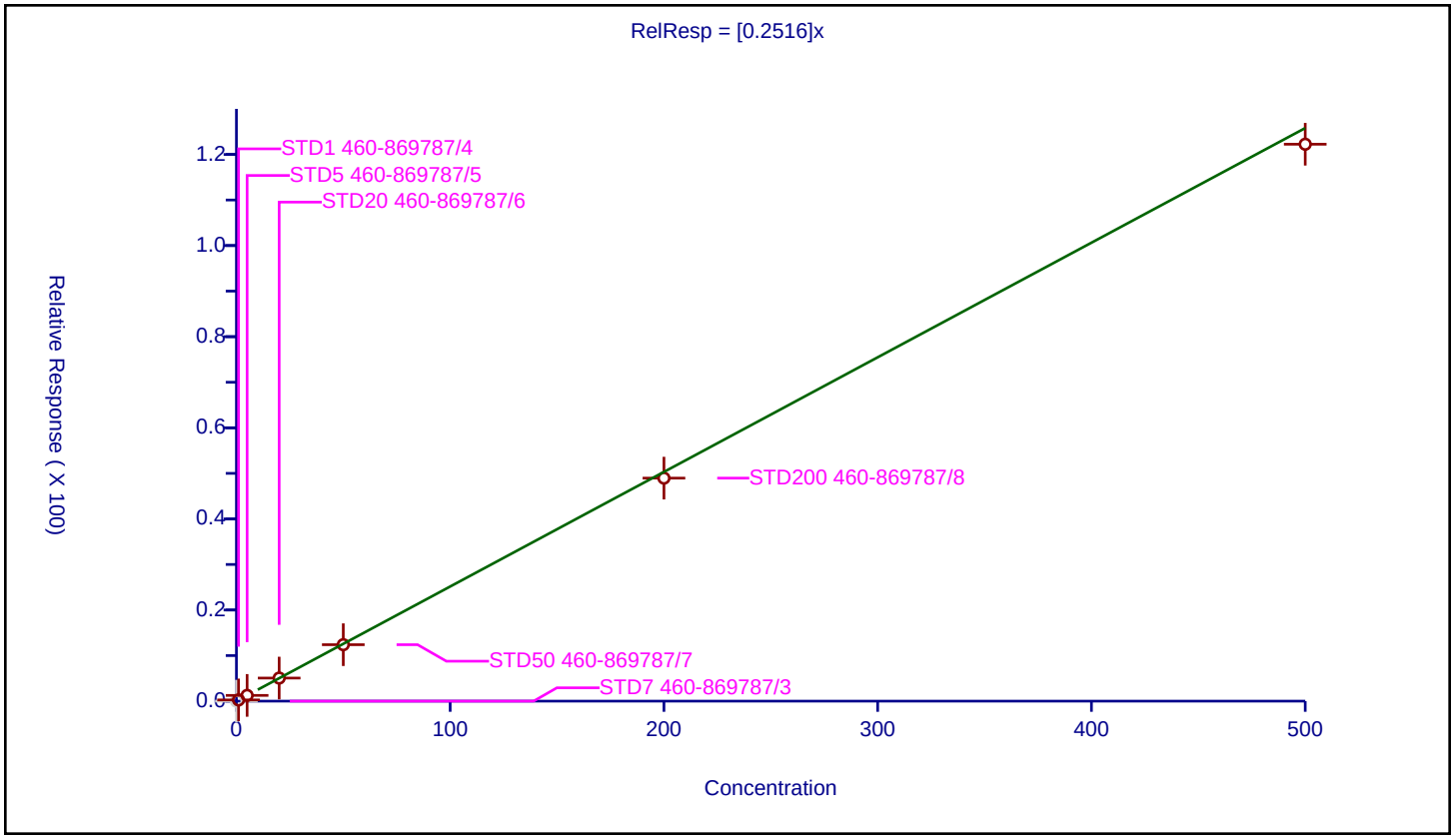
Curve Coefficients

Intercept:	0
Slope:	0.2516

Error Coefficients

Standard Error:	634000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.266966	50.0	493508.0	0.266966	Y
3	STD5 460-869787/5	5.0	1.260307	50.0	530585.0	0.252061	Y
4	STD20 460-869787/6	20.0	5.065535	50.0	512552.0	0.253277	Y
5	STD50 460-869787/7	50.0	12.393926	50.0	529820.0	0.247879	Y
6	STD200 460-869787/8	200.0	48.952434	50.0	530993.0	0.244762	Y
7	STD500 460-869787/9	500.0	122.244265	50.0	536581.0	0.244489	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

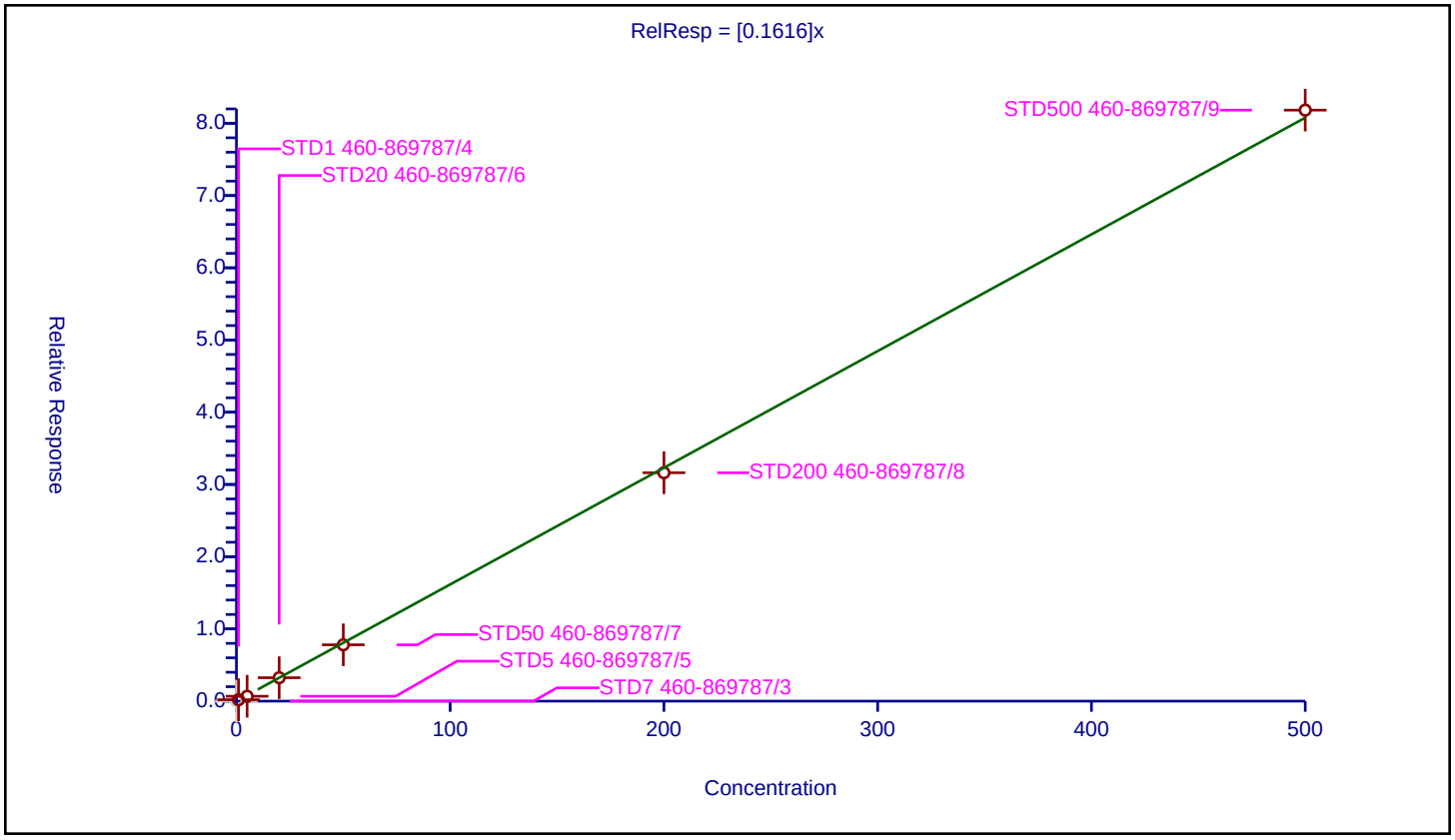
Curve Coefficients

Intercept:	0
Slope:	0.1616

Error Coefficients

Standard Error:	422000
Relative Standard Error:	11.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.194424	50.0	493508.0	0.194424	Y
3	STD5 460-869787/5	5.0	0.675387	50.0	530585.0	0.135077	Y
4	STD20 460-869787/6	20.0	3.24211	50.0	512552.0	0.162106	Y
5	STD50 460-869787/7	50.0	7.799913	50.0	529820.0	0.155998	Y
6	STD200 460-869787/8	200.0	31.621603	50.0	530993.0	0.158108	Y
7	STD500 460-869787/9	500.0	81.828839	50.0	536581.0	0.163658	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

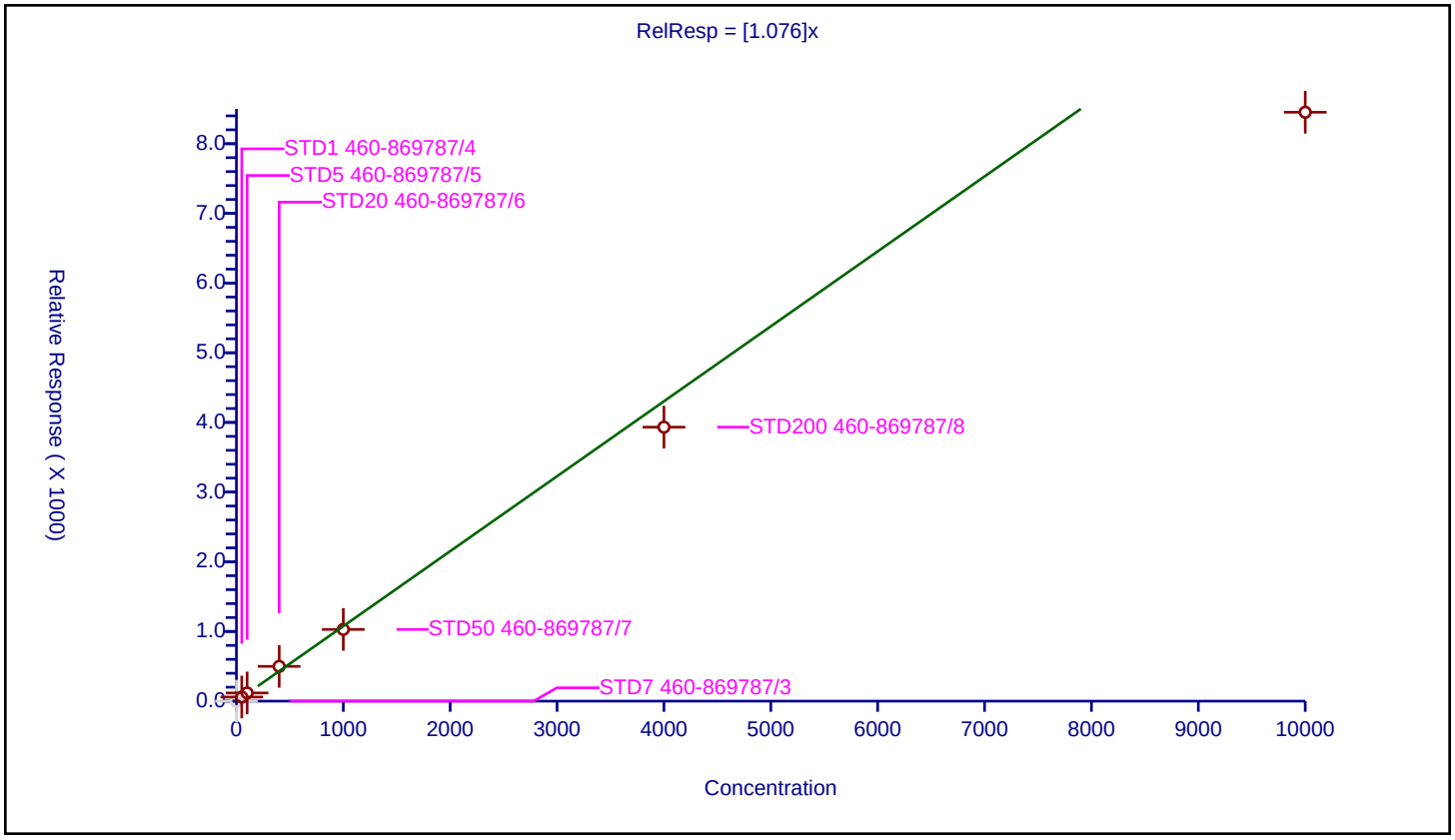
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Standard Error:	156000
Relative Standard Error:	14.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	1000.0	23784.0	NaN	N
2	STD1 460-869787/4	50.000062	58.91379	1000.0	24765.0	1.178274	Y
3	STD5 460-869787/5	100.0	117.205415	1000.0	27038.0	1.172054	Y
4	STD20 460-869787/6	400.0	498.863067	1000.0	25947.0	1.247158	Y
5	STD50 460-869787/7	1000.0	1029.367686	1000.0	31361.0	1.029368	Y
6	STD200 460-869787/8	4000.0	3932.402668	1000.0	32235.0	0.983101	Y
7	STD500 460-869787/9	10000.0	8452.353356	1000.0	39688.0	0.845235	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

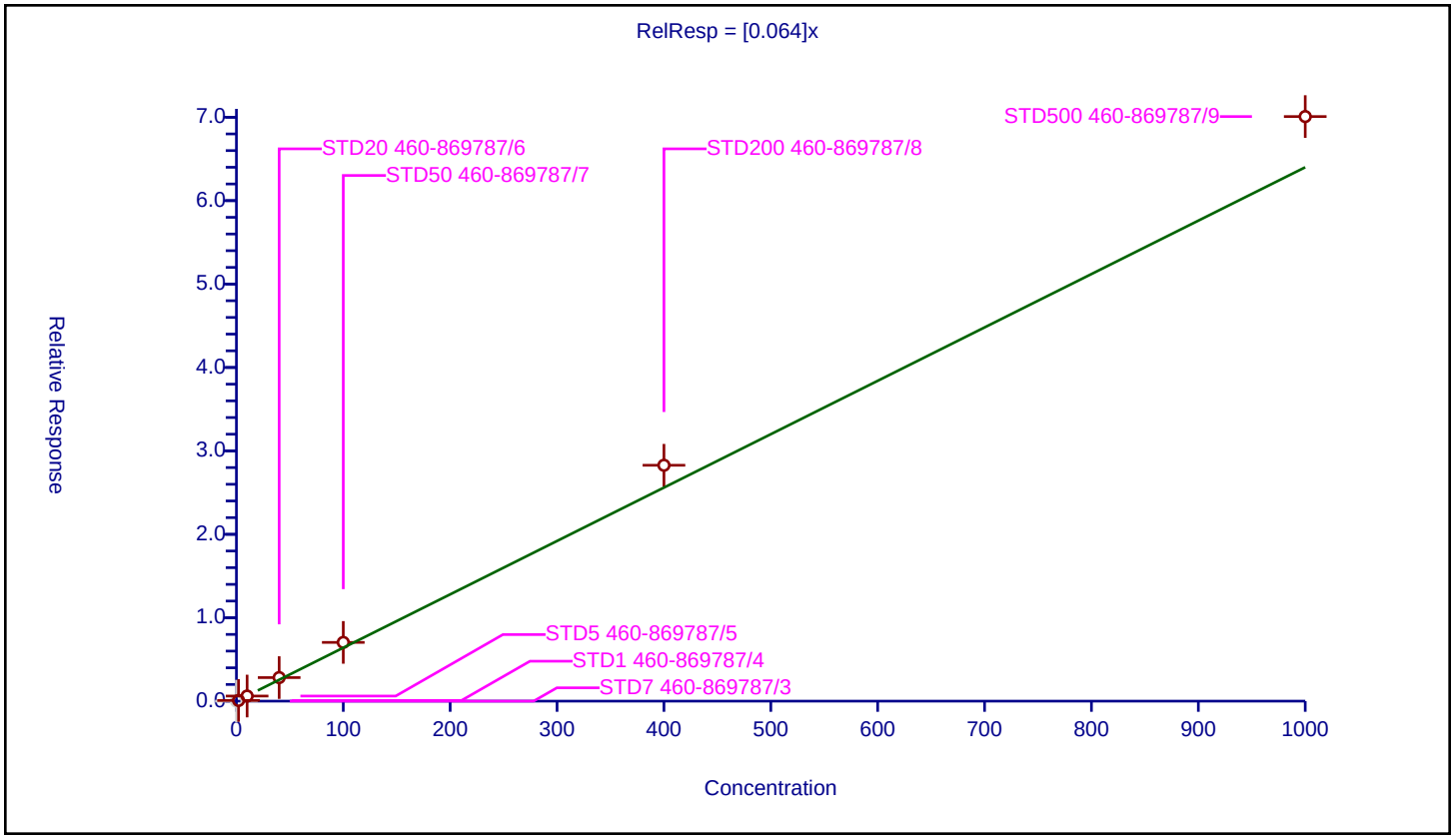
Curve Coefficients

Intercept:	0
Slope:	0.064

Error Coefficients

Standard Error:	364000
Relative Standard Error:	18.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	2.0	0.081762	50.0	493508.0	0.040881	Y
3	STD5 460-869787/5	10.0	0.613003	50.0	530585.0	0.0613	Y
4	STD20 460-869787/6	40.0	2.825567	50.0	512552.0	0.070639	Y
5	STD50 460-869787/7	100.0	7.041731	50.0	529820.0	0.070417	Y
6	STD200 460-869787/8	400.0	28.277115	50.0	530993.0	0.070693	Y
7	STD500 460-869787/9	1000.0	70.080472	50.0	536581.0	0.07008	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

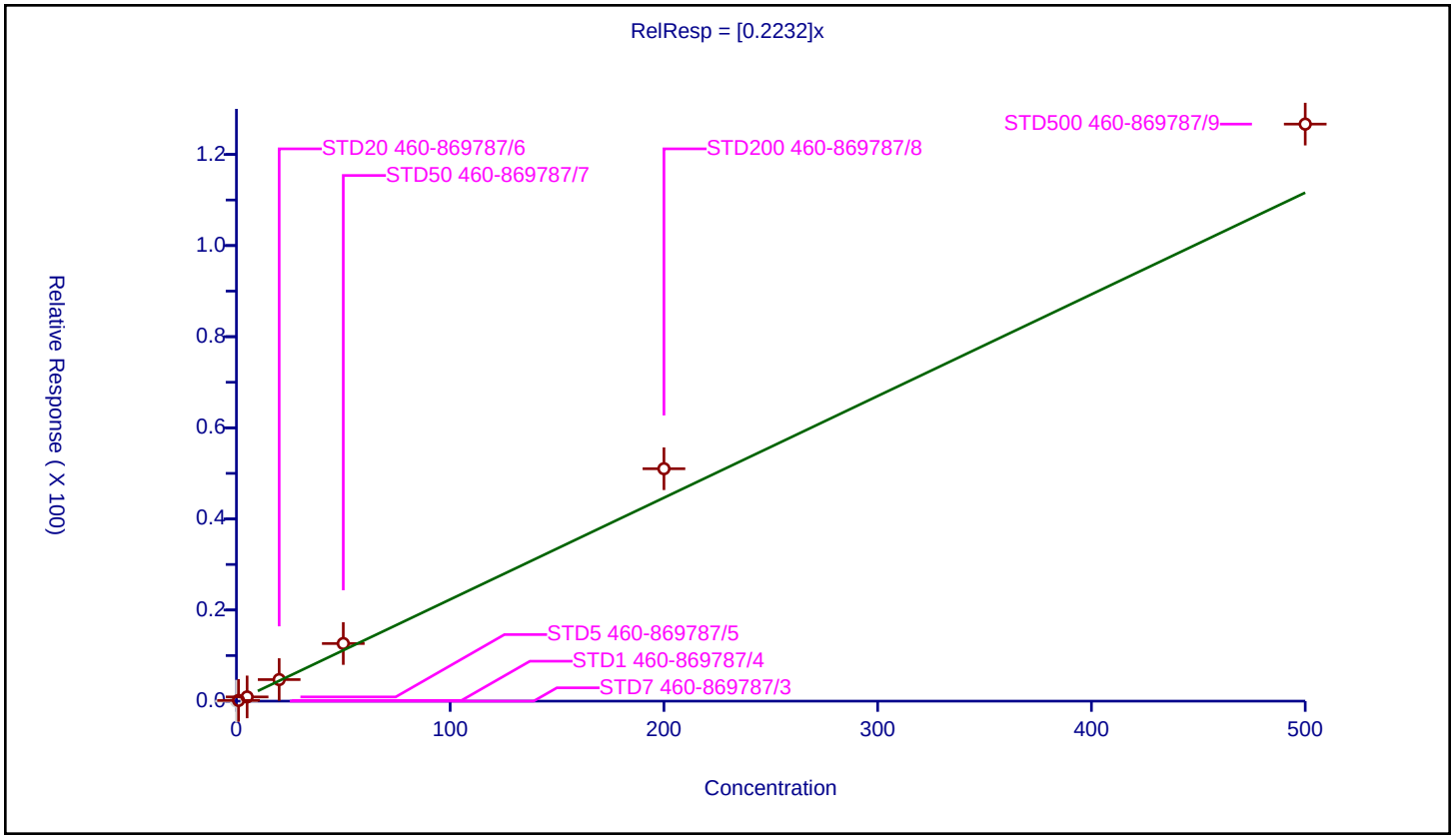
Curve Coefficients

Intercept:	0
Slope:	0.2232

Error Coefficients

Standard Error:	657000
Relative Standard Error:	18.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.156127	50.0	493508.0	0.156127	Y
3	STD5 460-869787/5	5.0	0.926807	50.0	530585.0	0.185361	Y
4	STD20 460-869787/6	20.0	4.730837	50.0	512552.0	0.236542	Y
5	STD50 460-869787/7	50.0	12.647125	50.0	529820.0	0.252943	Y
6	STD200 460-869787/8	200.0	51.017528	50.0	530993.0	0.255088	Y
7	STD500 460-869787/9	500.0	126.662237	50.0	536581.0	0.253324	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

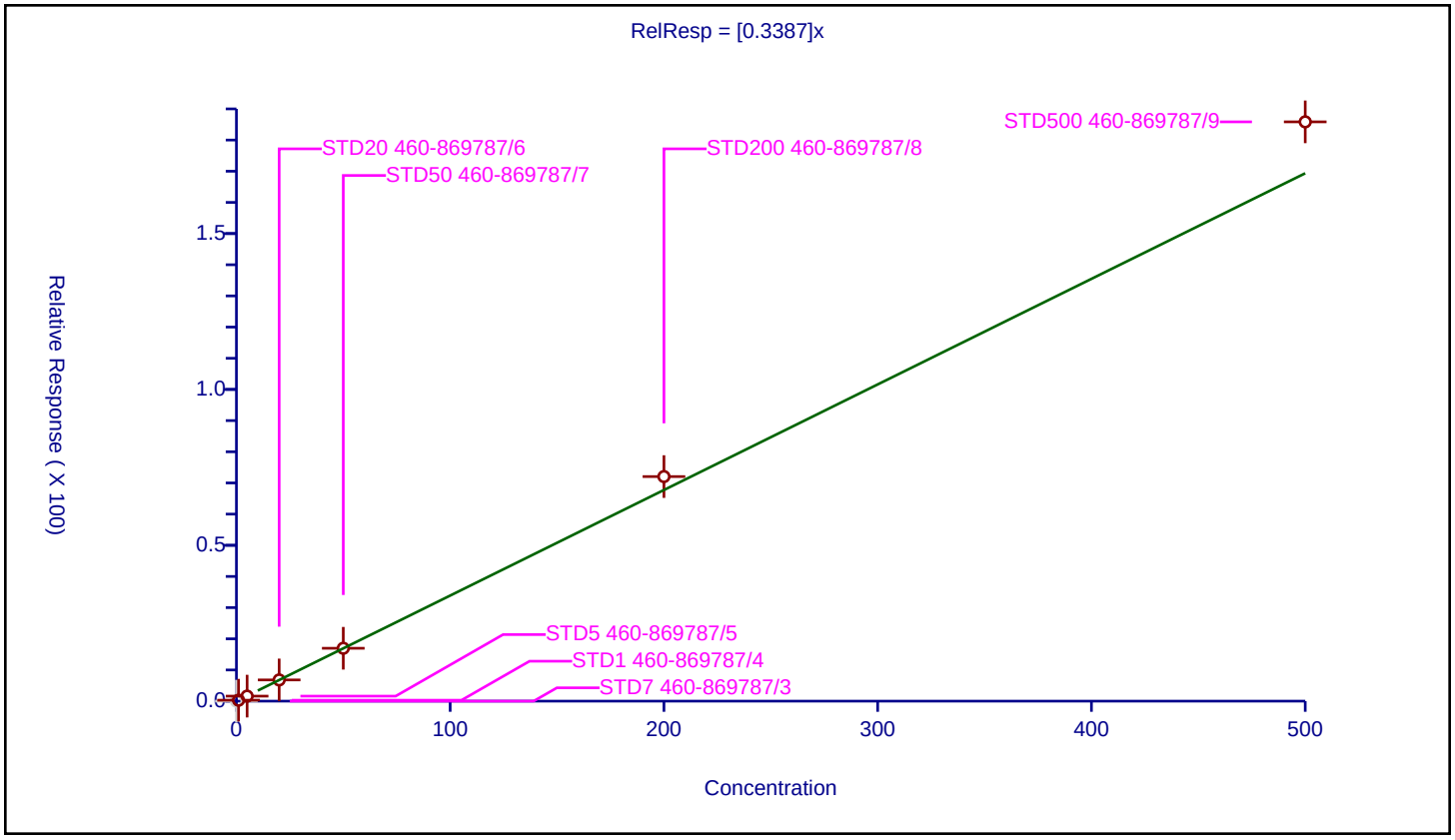
Curve Coefficients

Intercept:	0
Slope:	0.3387

Error Coefficients

Standard Error:	959000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0	0.299083	50.0	493508.0	0.299083	Y
3	STD5 460-869787/5	5.0	1.607377	50.0	530585.0	0.321475	Y
4	STD20 460-869787/6	20.0	6.804383	50.0	512552.0	0.340219	Y
5	STD50 460-869787/7	50.0	16.968782	50.0	529820.0	0.339376	Y
6	STD200 460-869787/8	200.0	72.046148	50.0	530993.0	0.360231	Y
7	STD500 460-869787/9	500.0	185.842212	50.0	536581.0	0.371684	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

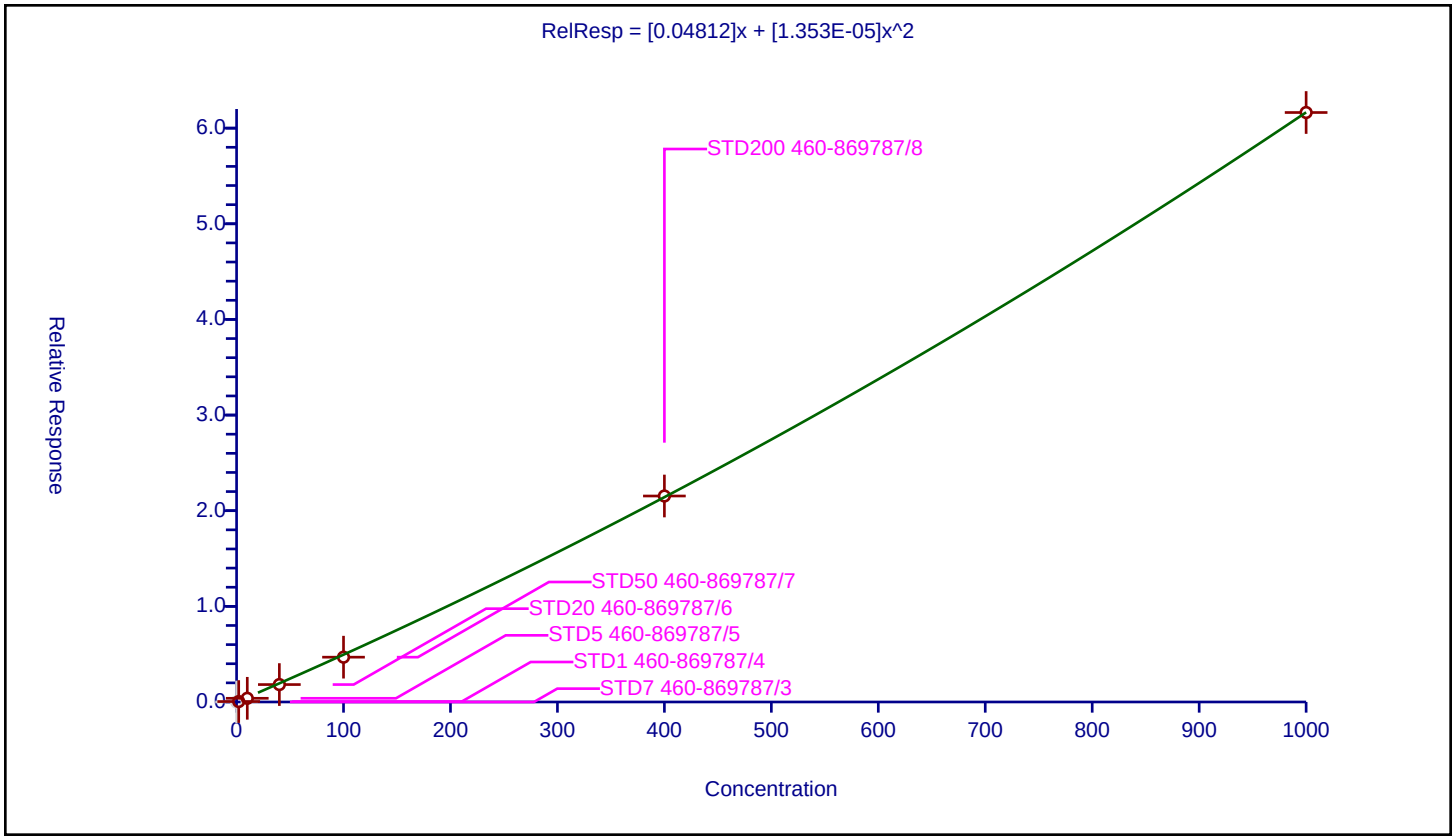
Curve Coefficients

Intercept:	0
Slope:	0.04812
Second Order:	1.353E-05

Error Coefficients

Standard Error:	351000
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 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	2.0	0.04701	50.0	493508.0	0.023505	Y
3	STD5 460-869787/5	10.0	0.387026	50.0	530585.0	0.038703	Y
4	STD20 460-869787/6	40.0	1.820986	50.0	512552.0	0.045525	Y
5	STD50 460-869787/7	100.0	4.684421	50.0	529820.0	0.046844	Y
6	STD200 460-869787/8	400.0	21.536536	50.0	530993.0	0.053841	Y
7	STD500 460-869787/9	1000.0	61.634963	50.0	536581.0	0.061635	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

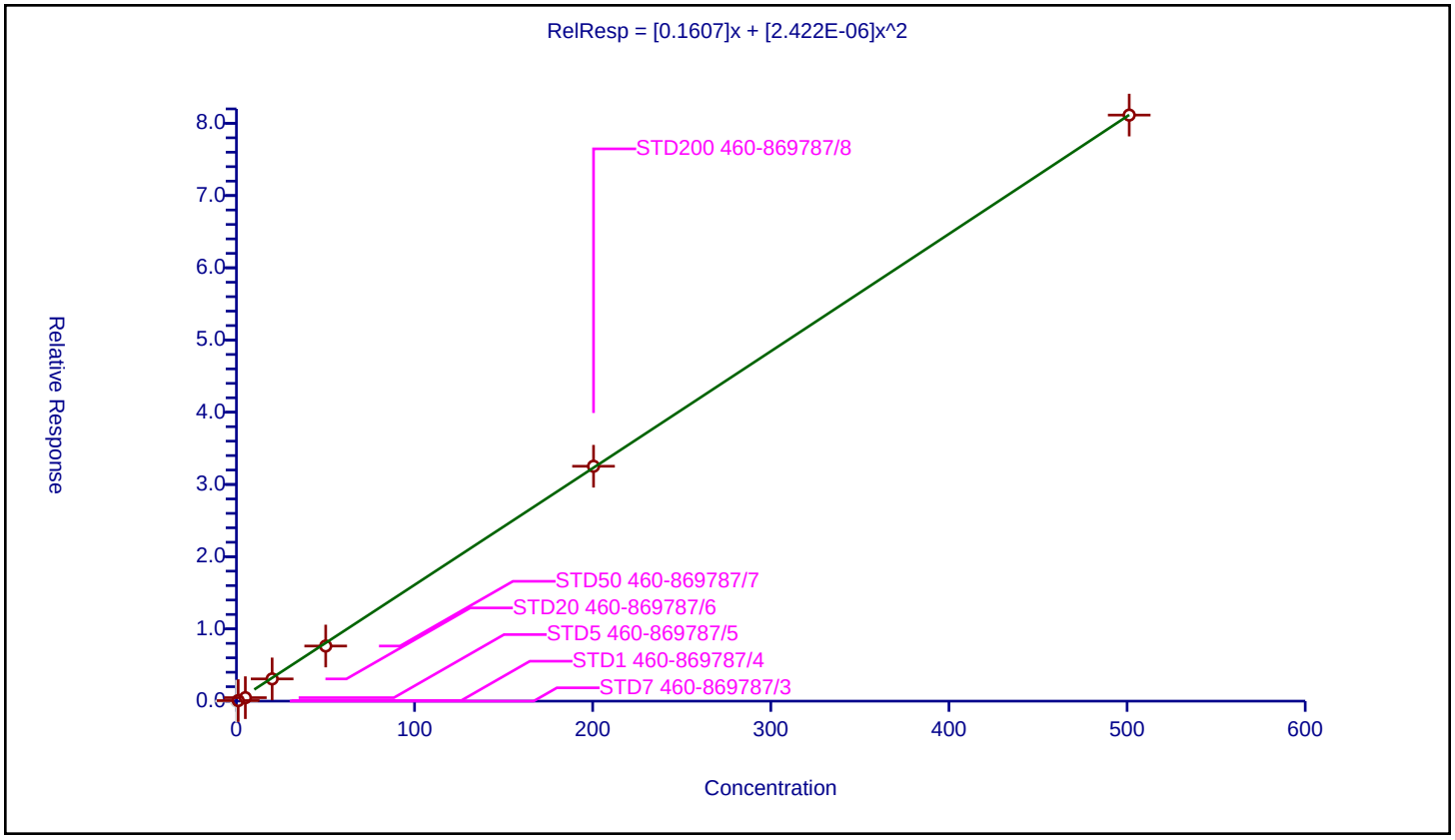
Curve Coefficients

Intercept:	0
Slope:	0.1607
Second Order:	2.422E-06

Error Coefficients

Standard Error:	470000
Relative Standard Error:	33.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	508613.0	NaN	N
2	STD1 460-869787/4	1.0024	0.075379	50.0	493508.0	0.075198	Y
3	STD5 460-869787/5	5.012	0.479377	50.0	530585.0	0.095646	Y
4	STD20 460-869787/6	20.048	3.07881	50.0	512552.0	0.153572	Y
5	STD50 460-869787/7	50.12	7.630233	50.0	529820.0	0.152239	Y
6	STD200 460-869787/8	200.48	32.521803	50.0	530993.0	0.16222	Y
7	STD500 460-869787/9	501.2	81.14376	50.0	536581.0	0.161899	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

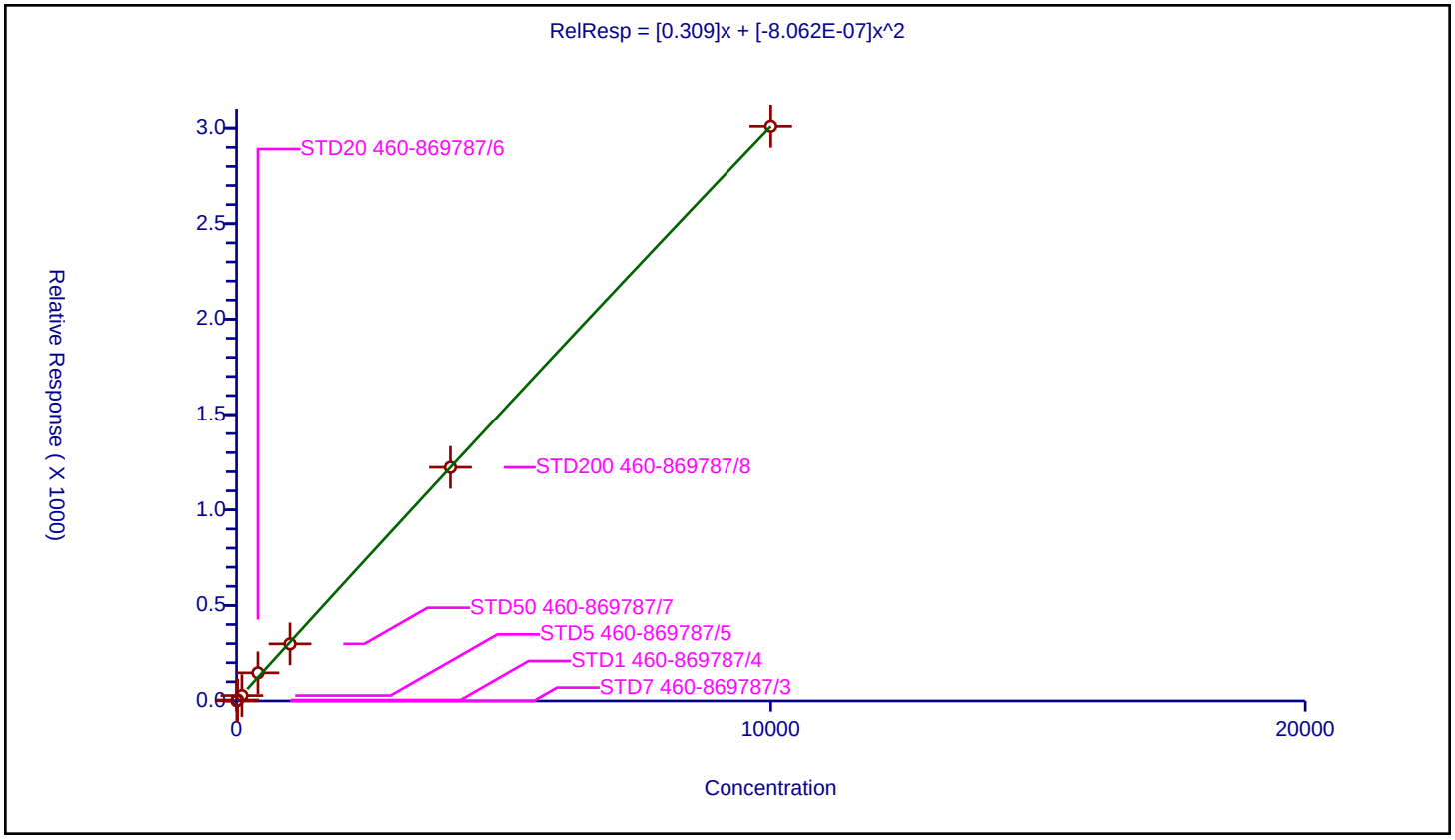
Curve Coefficients

Intercept:	0
Slope:	0.309
Second Order:	-8.062E-07

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	22.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	5.000009	0.905935	250.0	124733.0	0.181187	Y
2	STD1 460-869787/4	20.000035	5.031703	250.0	116710.0	0.251585	Y
3	STD5 460-869787/5	100.000173	28.176859	250.0	135102.0	0.281768	Y
4	STD20 460-869787/6	400.000692	147.212027	250.0	124786.0	0.368029	Y
5	STD50 460-869787/7	1000.00173	298.64449	250.0	162485.0	0.298644	Y
6	STD200 460-869787/8	4000.00692	1223.054227	250.0	174211.0	0.305763	Y
7	STD500 460-869787/9	10000.0173	3009.560698	250.0	185499.0	0.300956	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

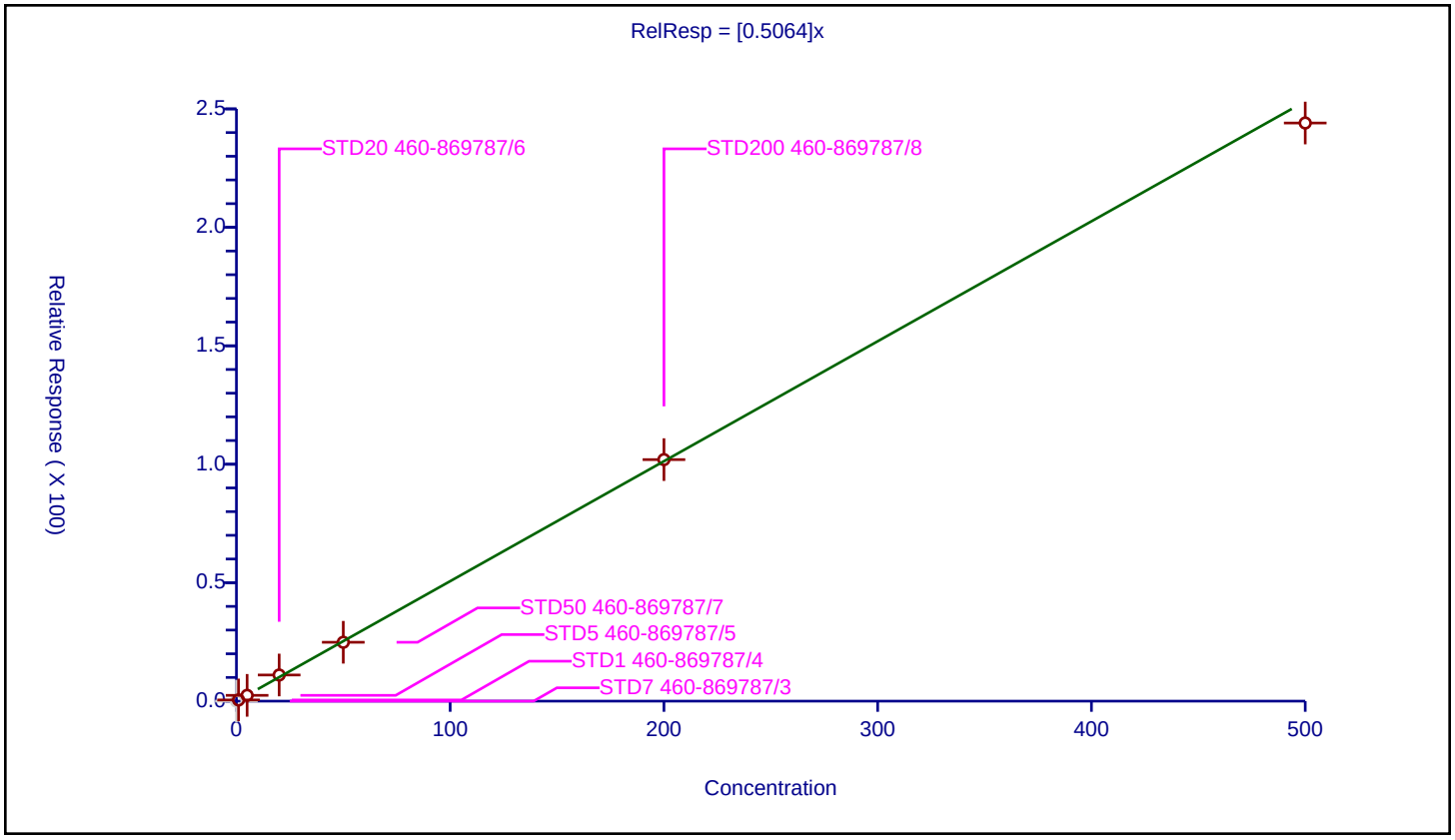
Curve Coefficients

Intercept:	0
Slope:	0.5064

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.502689	50.0	368220.0	0.502689	Y
3	STD5 460-869787/5	5.0	2.44531	50.0	417493.0	0.489062	Y
4	STD20 460-869787/6	20.0	11.033728	50.0	396797.0	0.551686	Y
5	STD50 460-869787/7	50.0	24.848348	50.0	447241.0	0.496967	Y
6	STD200 460-869787/8	200.0	101.95153	50.0	462970.0	0.509758	Y
7	STD500 460-869787/9	500.0	244.040109	50.0	487618.0	0.48808	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

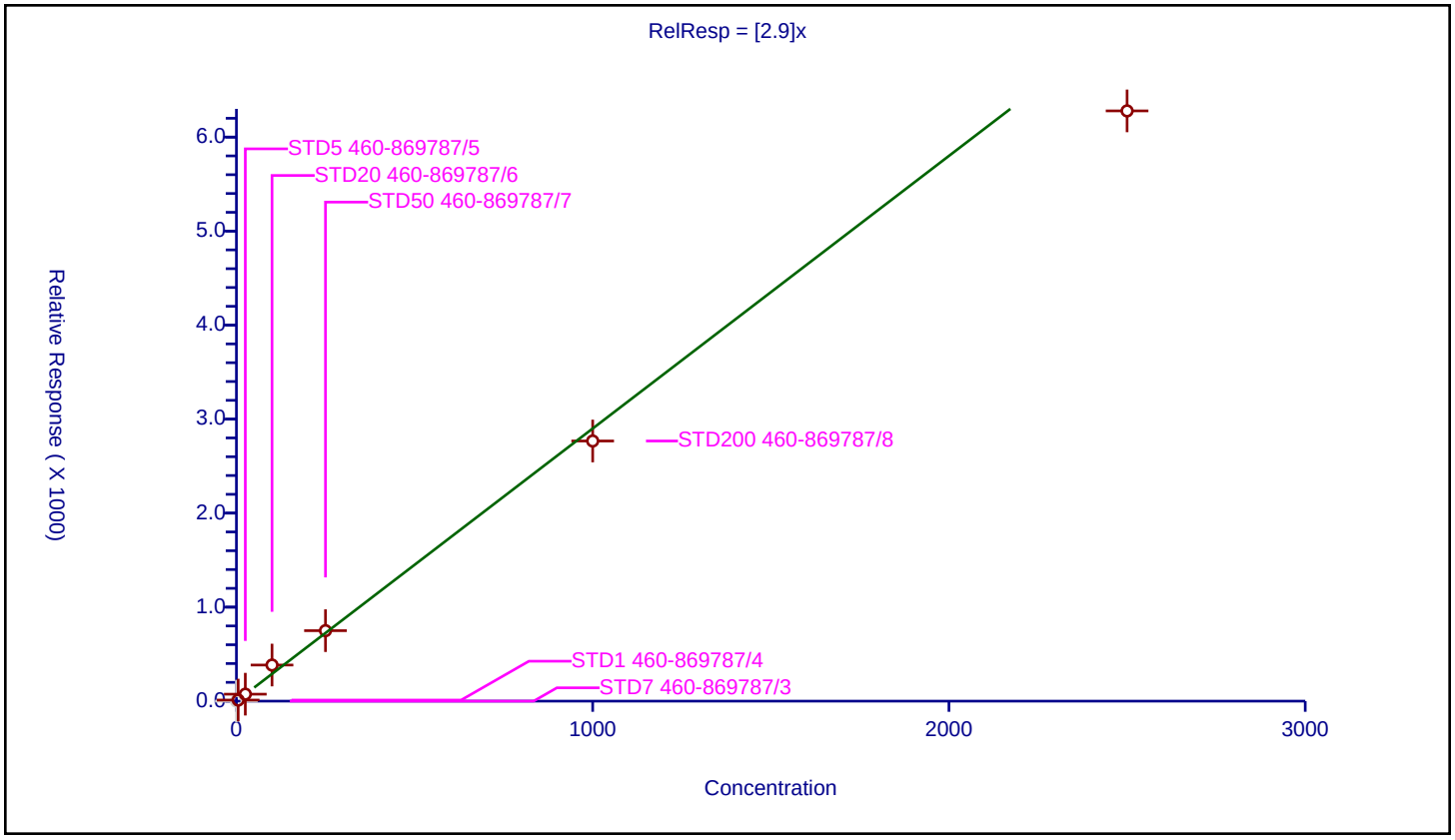
Curve Coefficients

Intercept:	0
Slope:	2.9

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	18.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	5.0	11.573558	250.0	116710.0	2.314712	Y
3	STD5 460-869787/5	25.0	74.195793	250.0	135102.0	2.967832	Y
4	STD20 460-869787/6	100.0	383.973362	250.0	124786.0	3.839734	Y
5	STD50 460-869787/7	250.0	749.664584	250.0	162485.0	2.998658	Y
6	STD200 460-869787/8	1000.0	2767.221932	250.0	174211.0	2.767222	Y
7	STD500 460-869787/9	2500.0	6278.727918	250.0	185499.0	2.511491	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

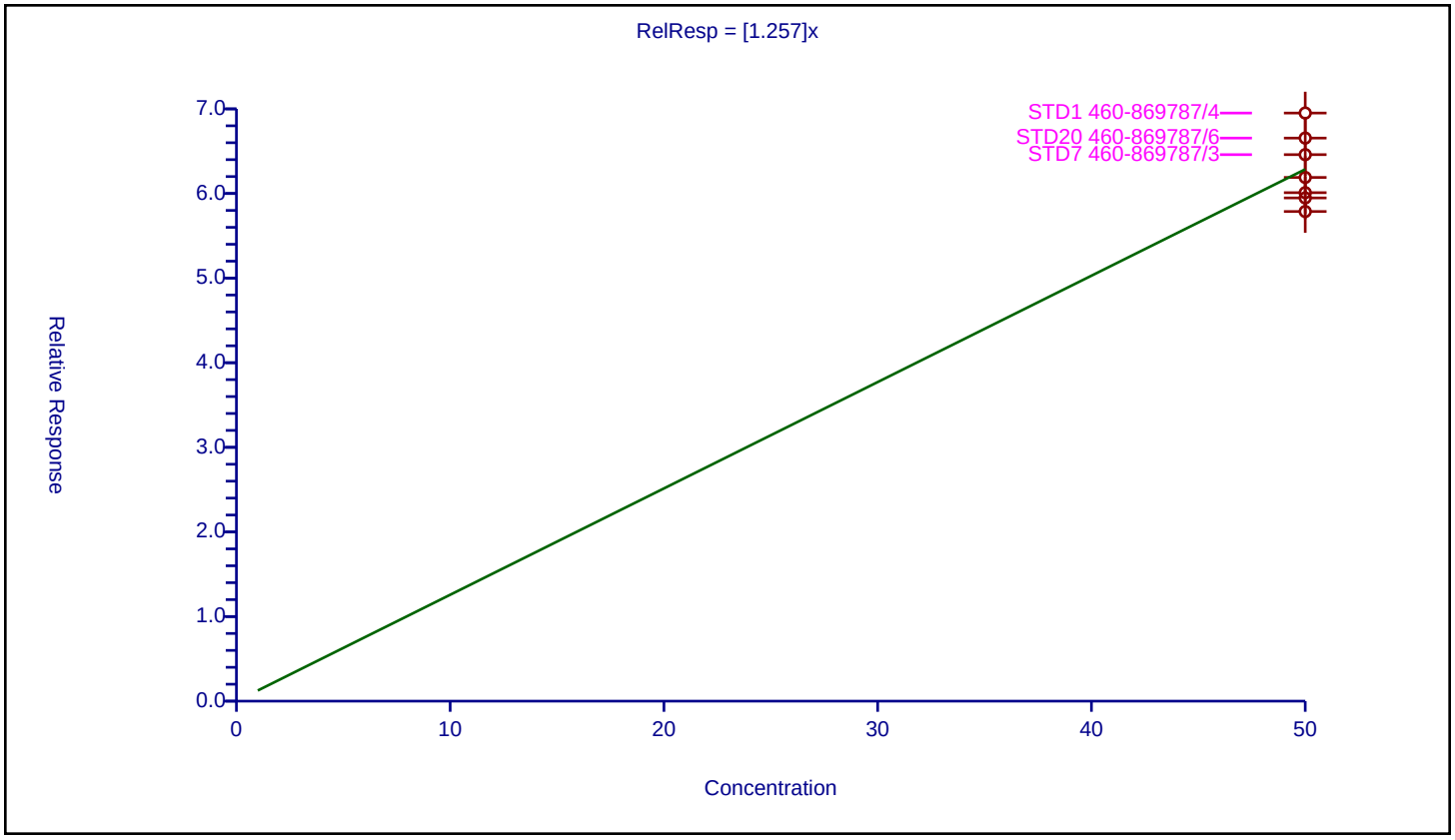
Curve Coefficients

Intercept:	0
Slope:	1.257

Error Coefficients

Standard Error:	574000
Relative Standard Error:	6.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	50.0	64.591441	50.0	393138.0	1.291829	Y
2	STD1 460-869787/4	50.0	69.509804	50.0	368220.0	1.390196	Y
3	STD5 460-869787/5	50.0	61.897086	50.0	417493.0	1.237942	Y
4	STD20 460-869787/6	50.0	66.550024	50.0	396797.0	1.331	Y
5	STD50 460-869787/7	50.0	60.098023	50.0	447241.0	1.20196	Y
6	STD200 460-869787/8	50.0	59.475884	50.0	462970.0	1.189518	Y
7	STD500 460-869787/9	50.0	57.872146	50.0	487618.0	1.157443	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

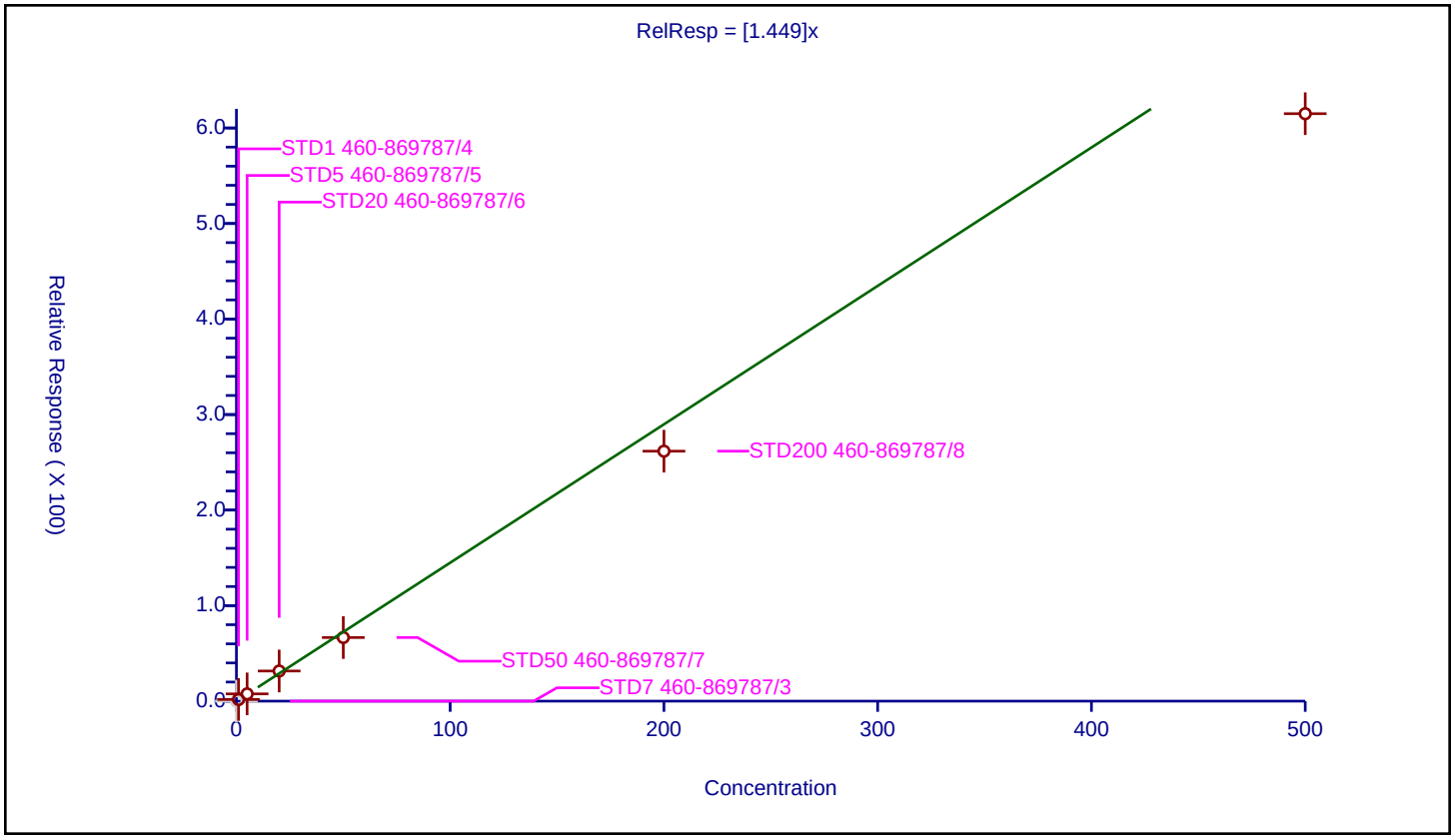
Curve Coefficients

Intercept:	0
Slope:	1.449

Error Coefficients

Standard Error:	2910000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	1.728586	50.0	368220.0	1.728586	Y
3	STD5 460-869787/5	5.0	7.587792	50.0	417493.0	1.517558	Y
4	STD20 460-869787/6	20.0	31.547744	50.0	396797.0	1.577387	Y
5	STD50 460-869787/7	50.0	66.590272	50.0	447241.0	1.331805	Y
6	STD200 460-869787/8	200.0	261.68715	50.0	462970.0	1.308436	Y
7	STD500 460-869787/9	500.0	614.982015	50.0	487618.0	1.229964	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

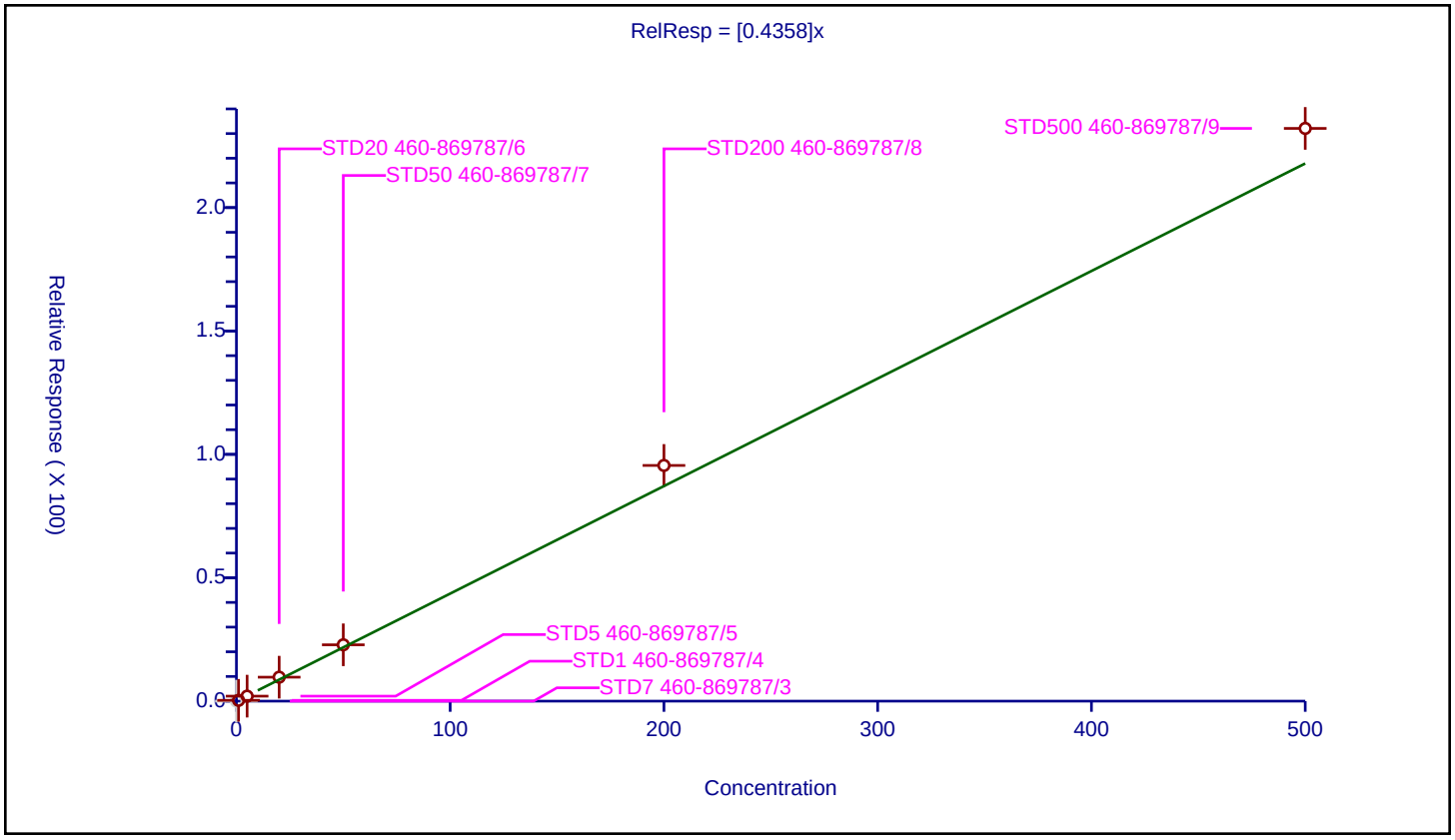
Curve Coefficients

Intercept:	0
Slope:	0.4358

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.326978	50.0	368220.0	0.326978	Y
3	STD5 460-869787/5	5.0	2.018597	50.0	417493.0	0.403719	Y
4	STD20 460-869787/6	20.0	9.709877	50.0	396797.0	0.485494	Y
5	STD50 460-869787/7	50.0	22.831203	50.0	447241.0	0.456624	Y
6	STD200 460-869787/8	200.0	95.509536	50.0	462970.0	0.477548	Y
7	STD500 460-869787/9	500.0	232.091104	50.0	487618.0	0.464182	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

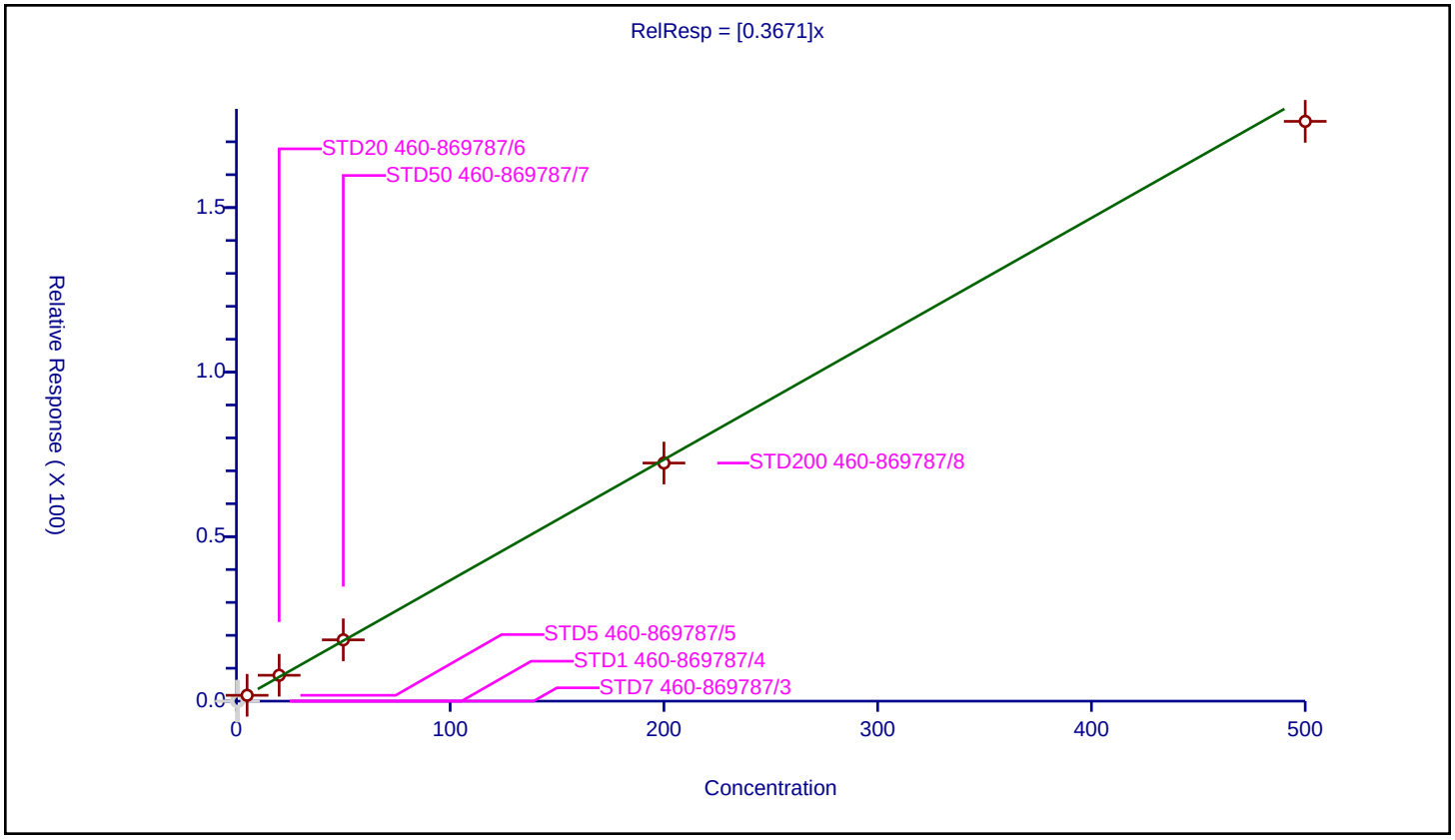
Curve Coefficients

Intercept:	0
Slope:	0.3671

Error Coefficients

Standard Error:	926000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.0	50.0	368220.0	0.0	N
3	STD5 460-869787/5	5.0	1.777395	50.0	417493.0	0.355479	Y
4	STD20 460-869787/6	20.0	7.866365	50.0	396797.0	0.393318	Y
5	STD50 460-869787/7	50.0	18.633466	50.0	447241.0	0.372669	Y
6	STD200 460-869787/8	200.0	72.360952	50.0	462970.0	0.361805	Y
7	STD500 460-869787/9	500.0	176.212219	50.0	487618.0	0.352424	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

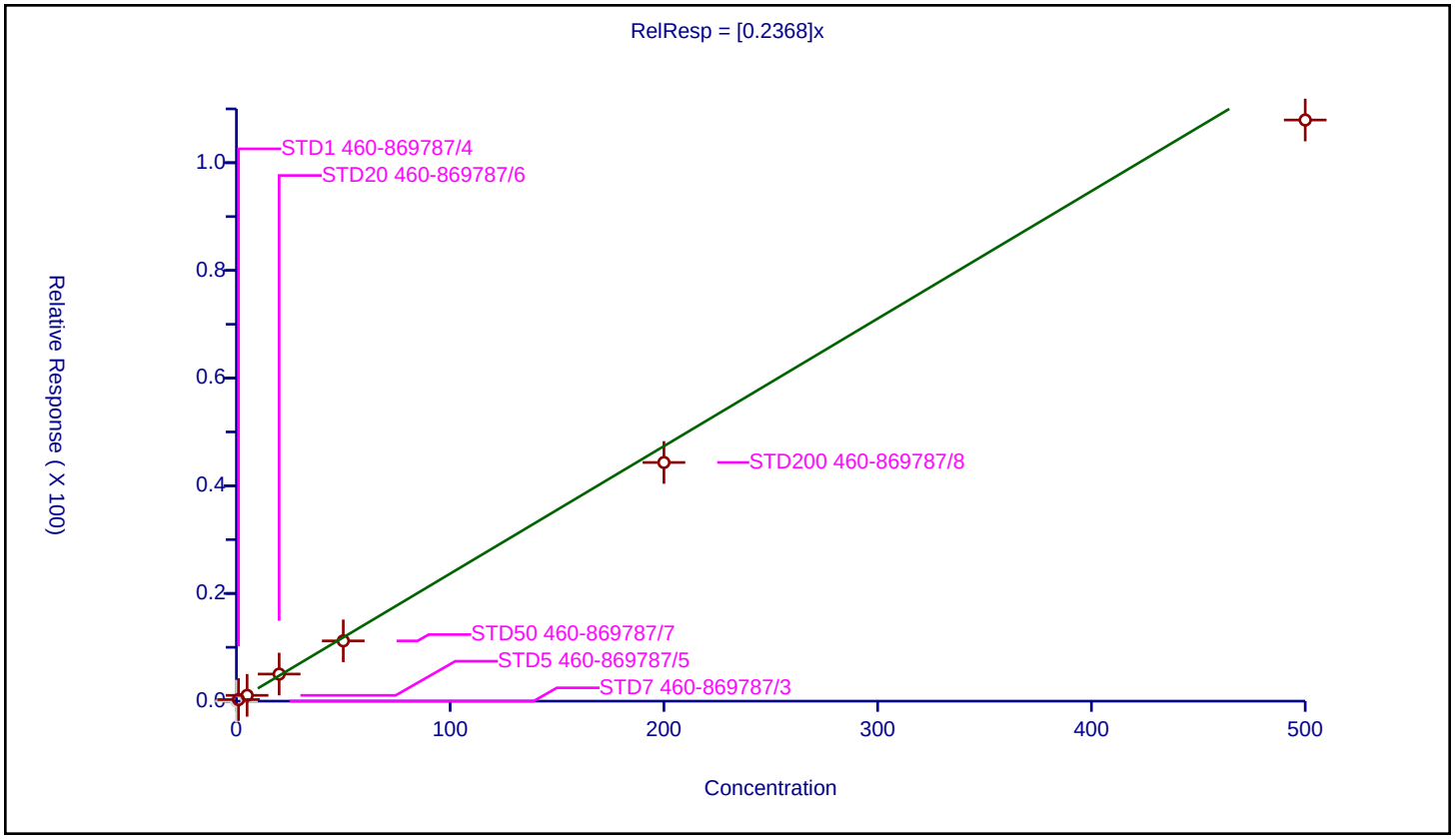
Curve Coefficients

Intercept:	0
Slope:	0.2368

Error Coefficients

Standard Error:	507000
Relative Standard Error:	13.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.293167	50.0	368220.0	0.293167	Y
3	STD5 460-869787/5	5.0	1.074749	50.0	417493.0	0.21495	Y
4	STD20 460-869787/6	20.0	5.028642	50.0	396797.0	0.251432	Y
5	STD50 460-869787/7	50.0	11.194524	50.0	447241.0	0.22389	Y
6	STD200 460-869787/8	200.0	44.325658	50.0	462970.0	0.221628	Y
7	STD500 460-869787/9	500.0	107.930183	50.0	487618.0	0.21586	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

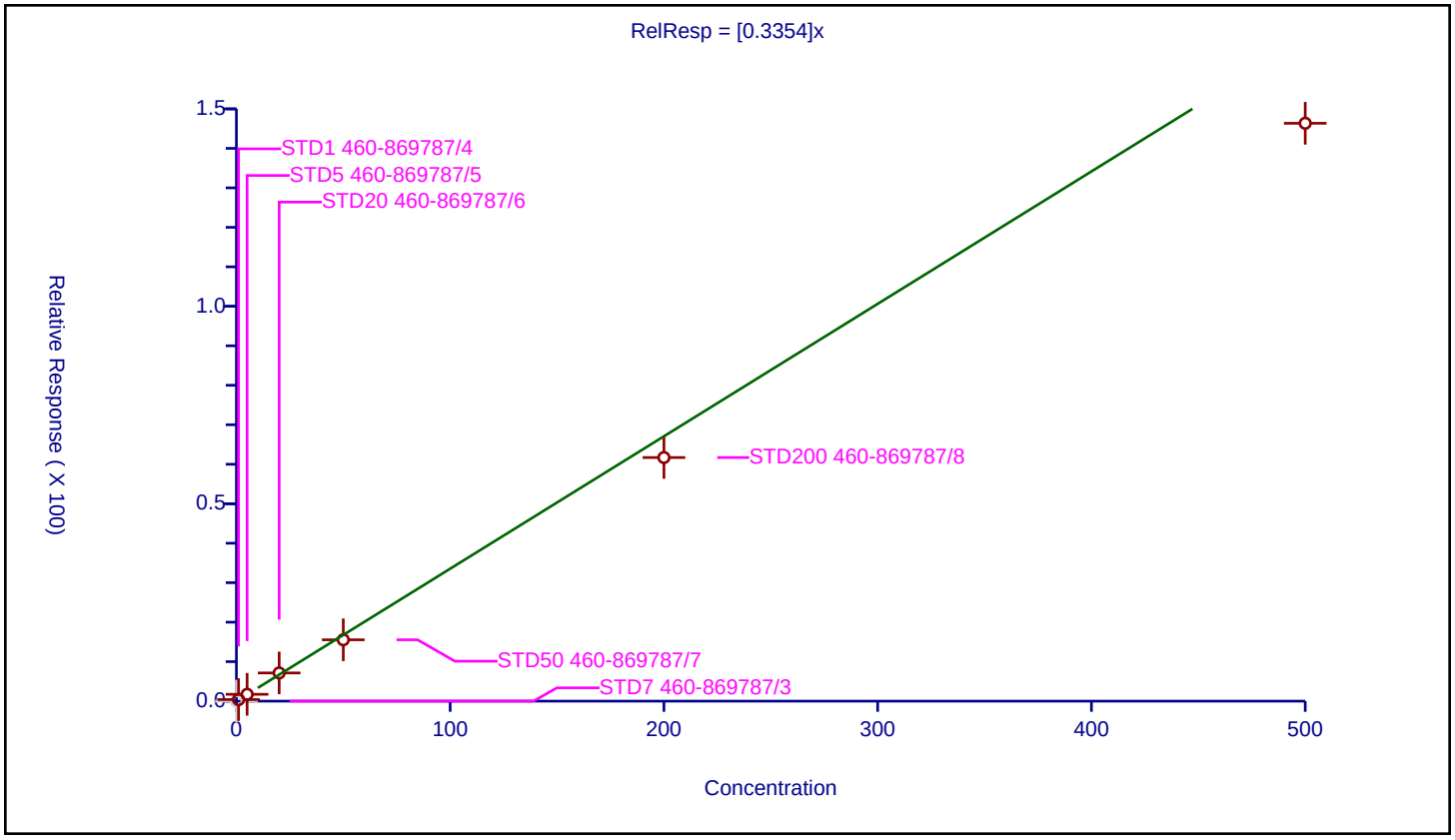
Curve Coefficients

Intercept:	0
Slope:	0.3354

Error Coefficients

Standard Error:	691000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.39786	50.0	368220.0	0.39786	Y
3	STD5 460-869787/5	5.0	1.727095	50.0	417493.0	0.345419	Y
4	STD20 460-869787/6	20.0	7.141687	50.0	396797.0	0.357084	Y
5	STD50 460-869787/7	50.0	15.539944	50.0	447241.0	0.310799	Y
6	STD200 460-869787/8	200.0	61.698058	50.0	462970.0	0.30849	Y
7	STD500 460-869787/9	500.0	146.35842	50.0	487618.0	0.292717	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

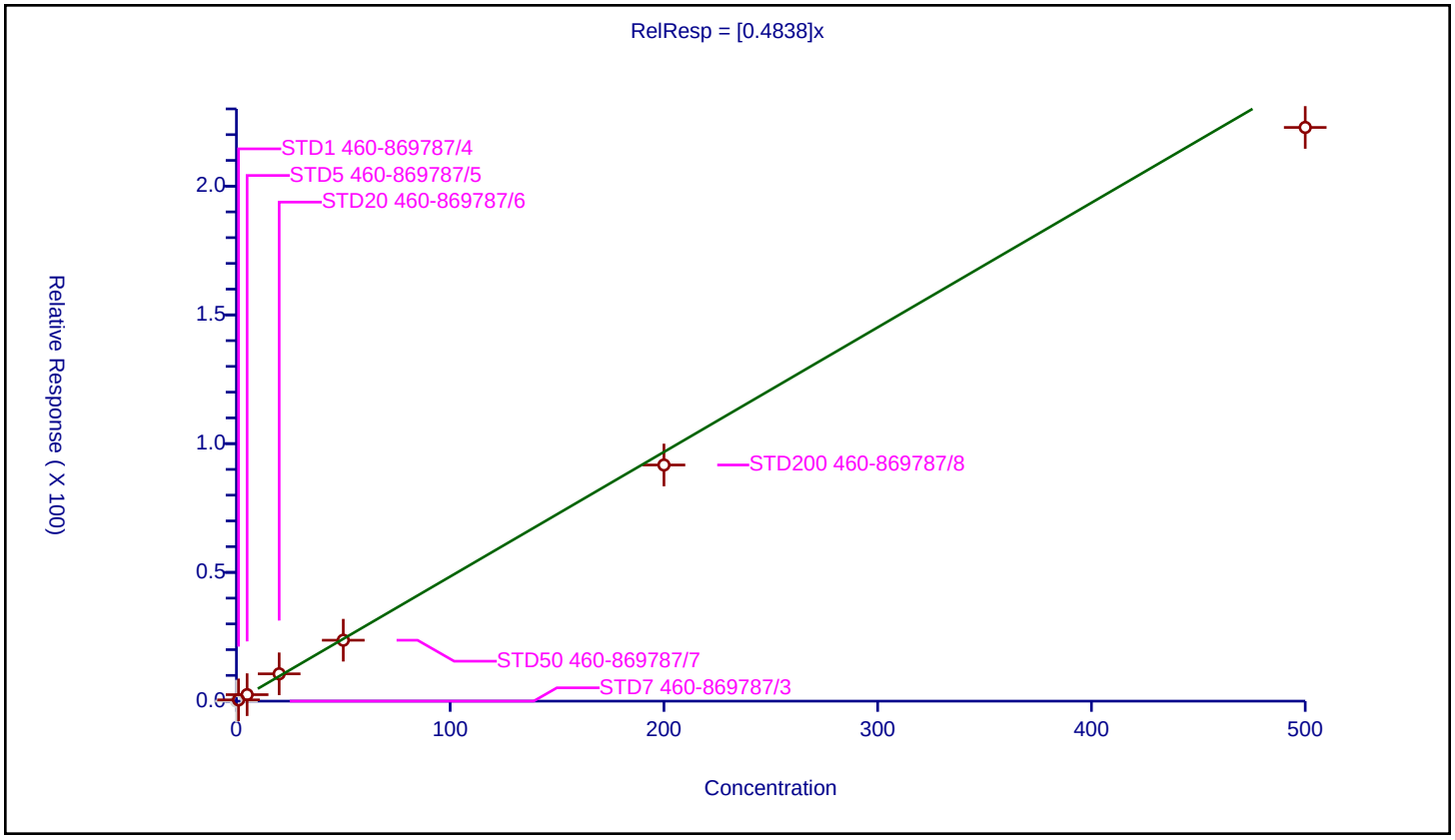
Curve Coefficients

Intercept:	0
Slope:	0.4838

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.492097	50.0	368220.0	0.492097	Y
3	STD5 460-869787/5	5.0	2.515731	50.0	417493.0	0.503146	Y
4	STD20 460-869787/6	20.0	10.610967	50.0	396797.0	0.530548	Y
5	STD50 460-869787/7	50.0	23.656709	50.0	447241.0	0.473134	Y
6	STD200 460-869787/8	200.0	91.71199	50.0	462970.0	0.45856	Y
7	STD500 460-869787/9	500.0	222.792124	50.0	487618.0	0.445584	Y



Calibration / 2-Hexanone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

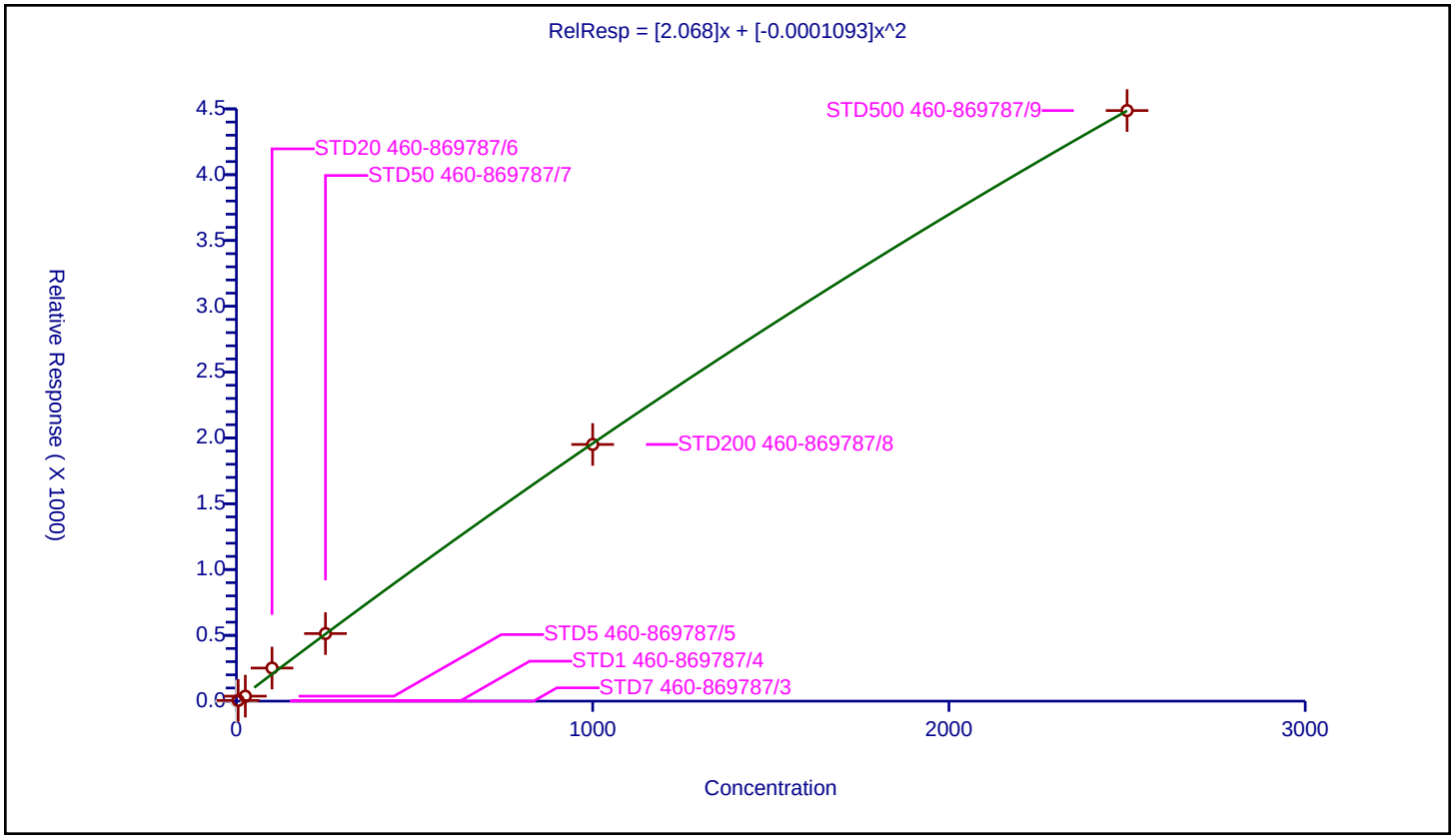
Curve Coefficients

Intercept:	0
Slope:	2.068
Second Order:	-0.0001093

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	30.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	250.0	124733.0	NaN	N
2	STD1 460-869787/4	5.0	5.151658	250.0	116710.0	1.030332	Y
3	STD5 460-869787/5	25.0	37.930601	250.0	135102.0	1.517224	Y
4	STD20 460-869787/6	100.0	251.516596	250.0	124786.0	2.515166	Y
5	STD50 460-869787/7	250.0	513.488937	250.0	162485.0	2.053956	Y
6	STD200 460-869787/8	1000.0	1950.287295	250.0	174211.0	1.950287	Y
7	STD500 460-869787/9	2500.0	4487.211521	250.0	185499.0	1.794885	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

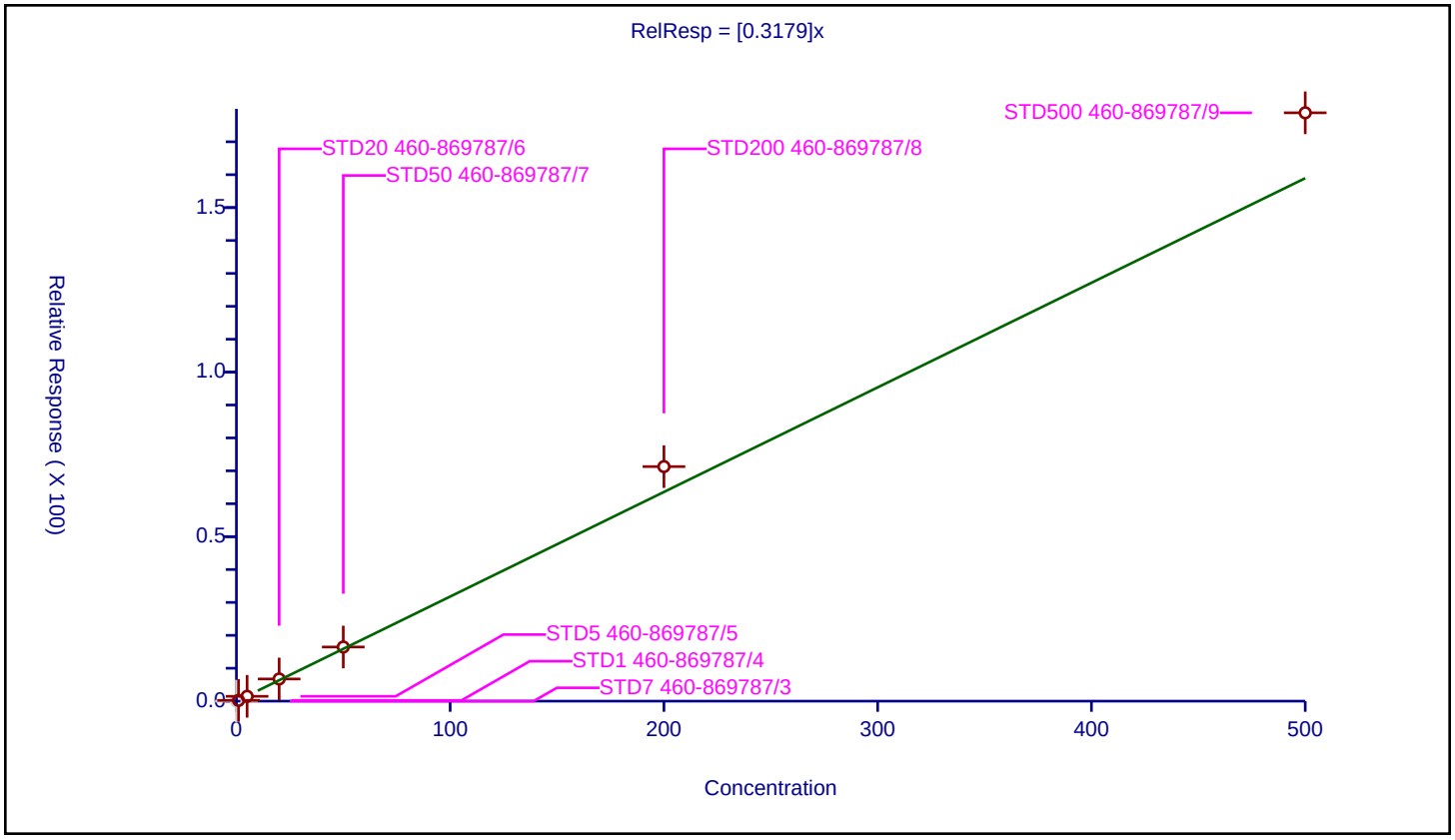
Curve Coefficients

Intercept:	0
Slope:	0.3179

Error Coefficients

Standard Error:	837000
Relative Standard Error:	14.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.233692	50.0	368220.0	0.233692	Y
3	STD5 460-869787/5	5.0	1.466851	50.0	417493.0	0.29337	Y
4	STD20 460-869787/6	20.0	6.7406	50.0	396797.0	0.33703	Y
5	STD50 460-869787/7	50.0	16.451533	50.0	447241.0	0.329031	Y
6	STD200 460-869787/8	200.0	71.285396	50.0	462970.0	0.356427	Y
7	STD500 460-869787/9	500.0	178.808719	50.0	487618.0	0.357617	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

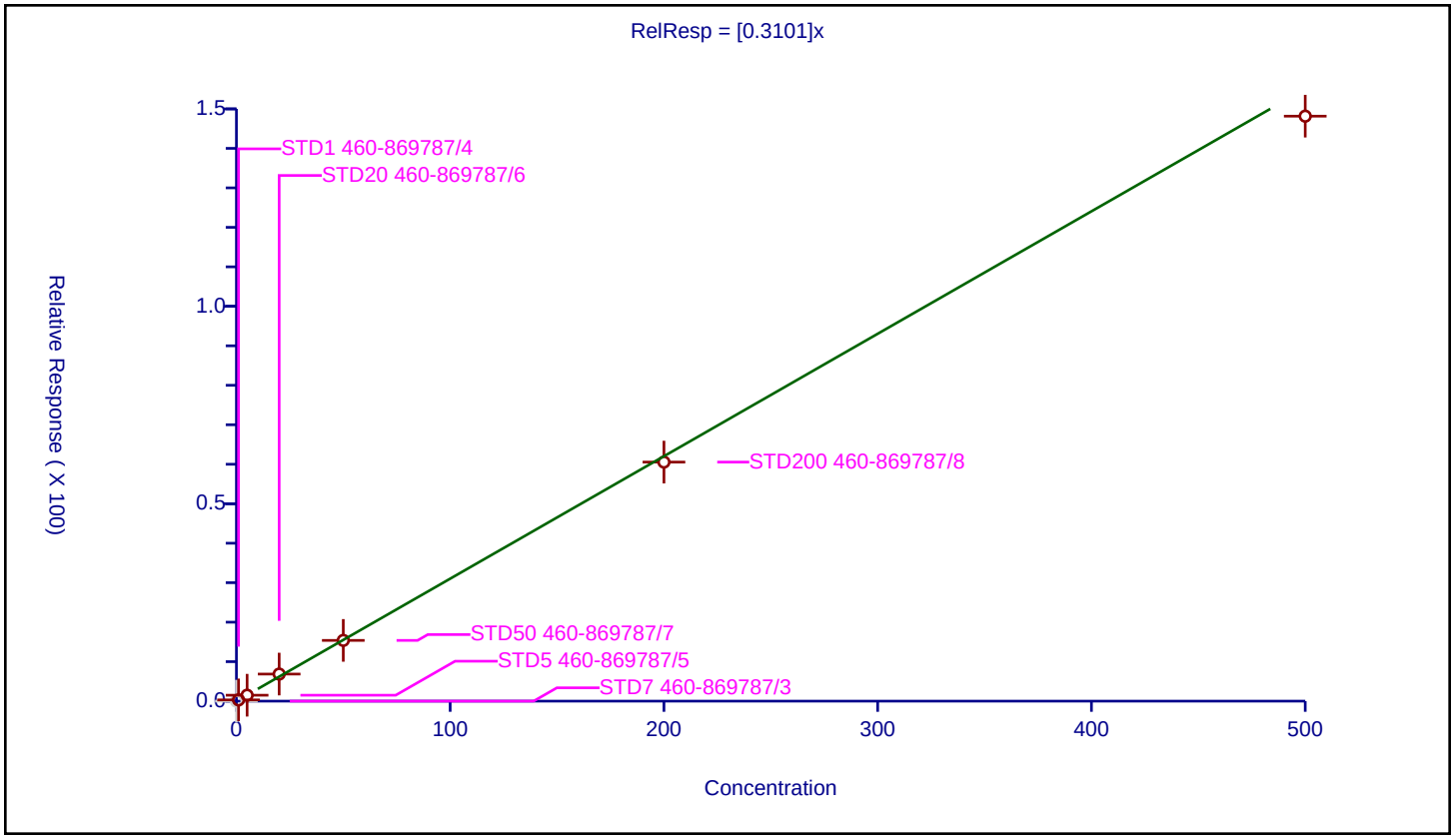
Curve Coefficients

Intercept:	0
Slope:	0.3101

Error Coefficients

Standard Error:	696000
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	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.311091	50.0	368220.0	0.311091	Y
3	STD5 460-869787/5	5.0	1.500504	50.0	417493.0	0.300101	Y
4	STD20 460-869787/6	20.0	6.856655	50.0	396797.0	0.342833	Y
5	STD50 460-869787/7	50.0	15.386559	50.0	447241.0	0.307731	Y
6	STD200 460-869787/8	200.0	60.54658	50.0	462970.0	0.302733	Y
7	STD500 460-869787/9	500.0	148.156856	50.0	487618.0	0.296314	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

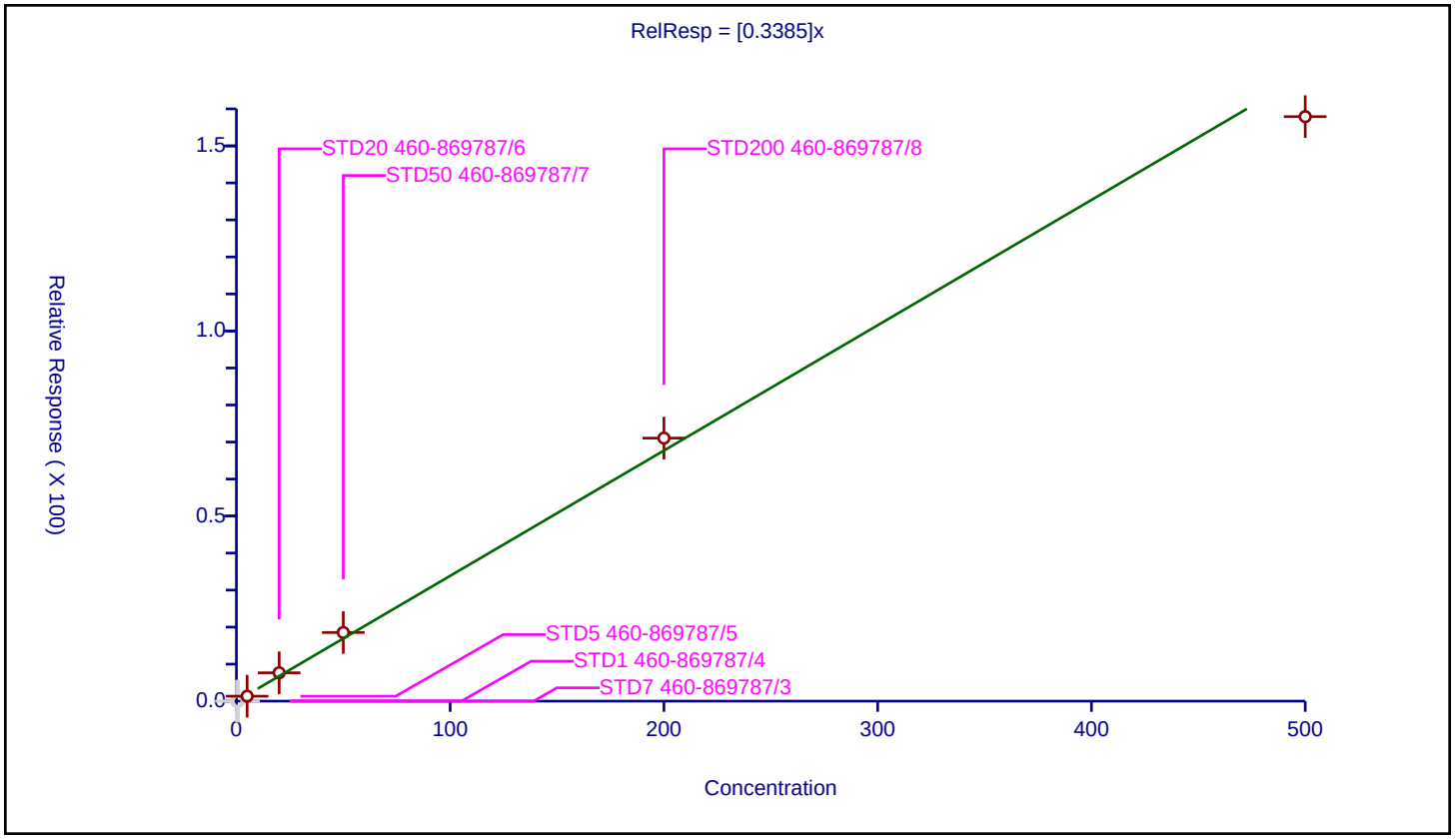
Curve Coefficients

Intercept:	0
Slope:	0.3385

Error Coefficients

Standard Error:	842000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.0	50.0	368220.0	0.0	N
3	STD5 460-869787/5	5.0	1.337268	50.0	417493.0	0.267454	Y
4	STD20 460-869787/6	20.0	7.660466	50.0	396797.0	0.383023	Y
5	STD50 460-869787/7	50.0	18.543134	50.0	447241.0	0.370863	Y
6	STD200 460-869787/8	200.0	71.0613	50.0	462970.0	0.355306	Y
7	STD500 460-869787/9	500.0	157.907214	50.0	487618.0	0.315814	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

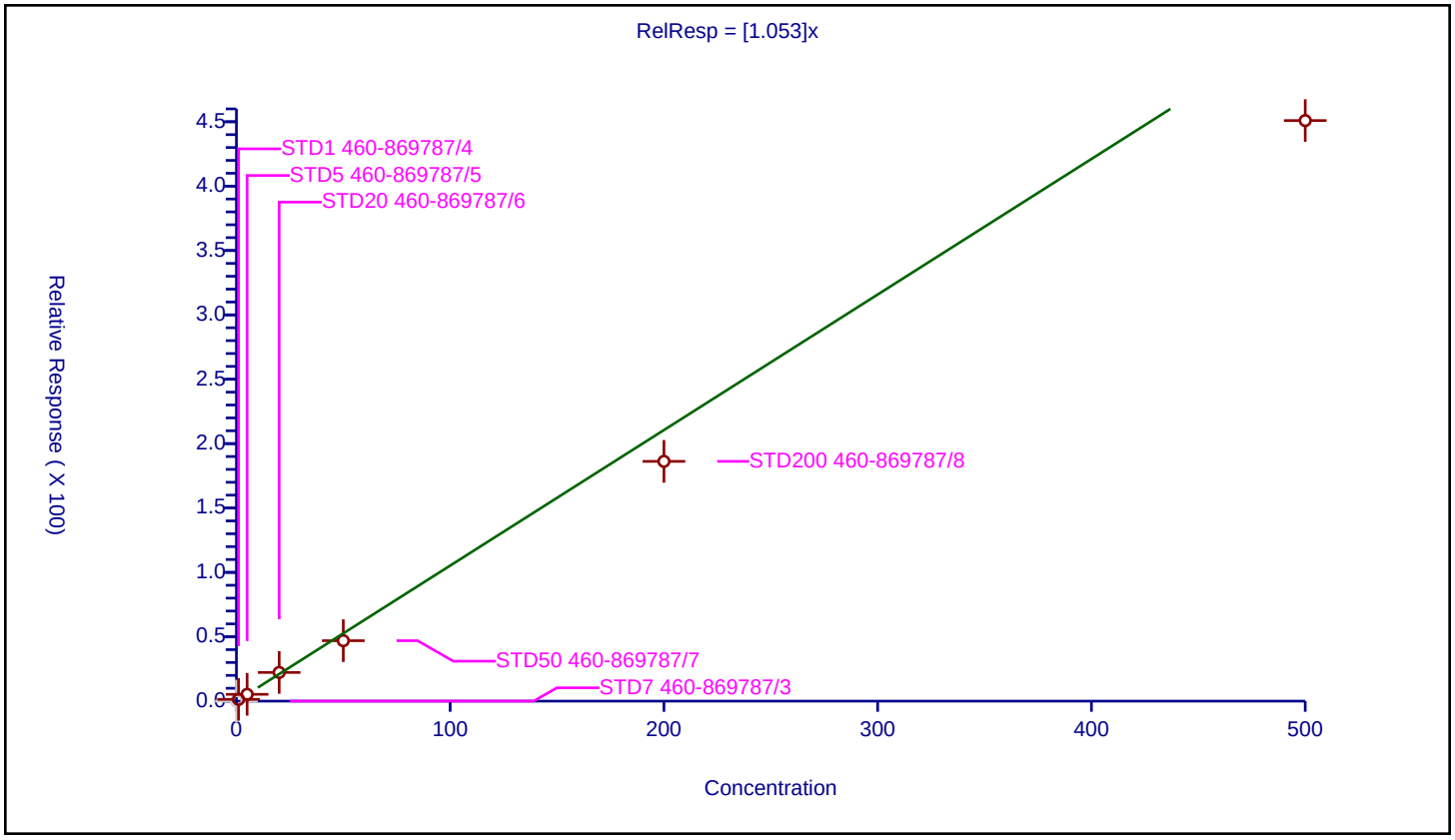
Curve Coefficients

Intercept:	0
Slope:	1.053

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	16.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	1.375265	50.0	368220.0	1.375265	Y
3	STD5 460-869787/5	5.0	5.275418	50.0	417493.0	1.055084	Y
4	STD20 460-869787/6	20.0	22.284569	50.0	396797.0	1.114228	Y
5	STD50 460-869787/7	50.0	46.943482	50.0	447241.0	0.93887	Y
6	STD200 460-869787/8	200.0	186.232261	50.0	462970.0	0.931161	Y
7	STD500 460-869787/9	500.0	450.933928	50.0	487618.0	0.901868	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

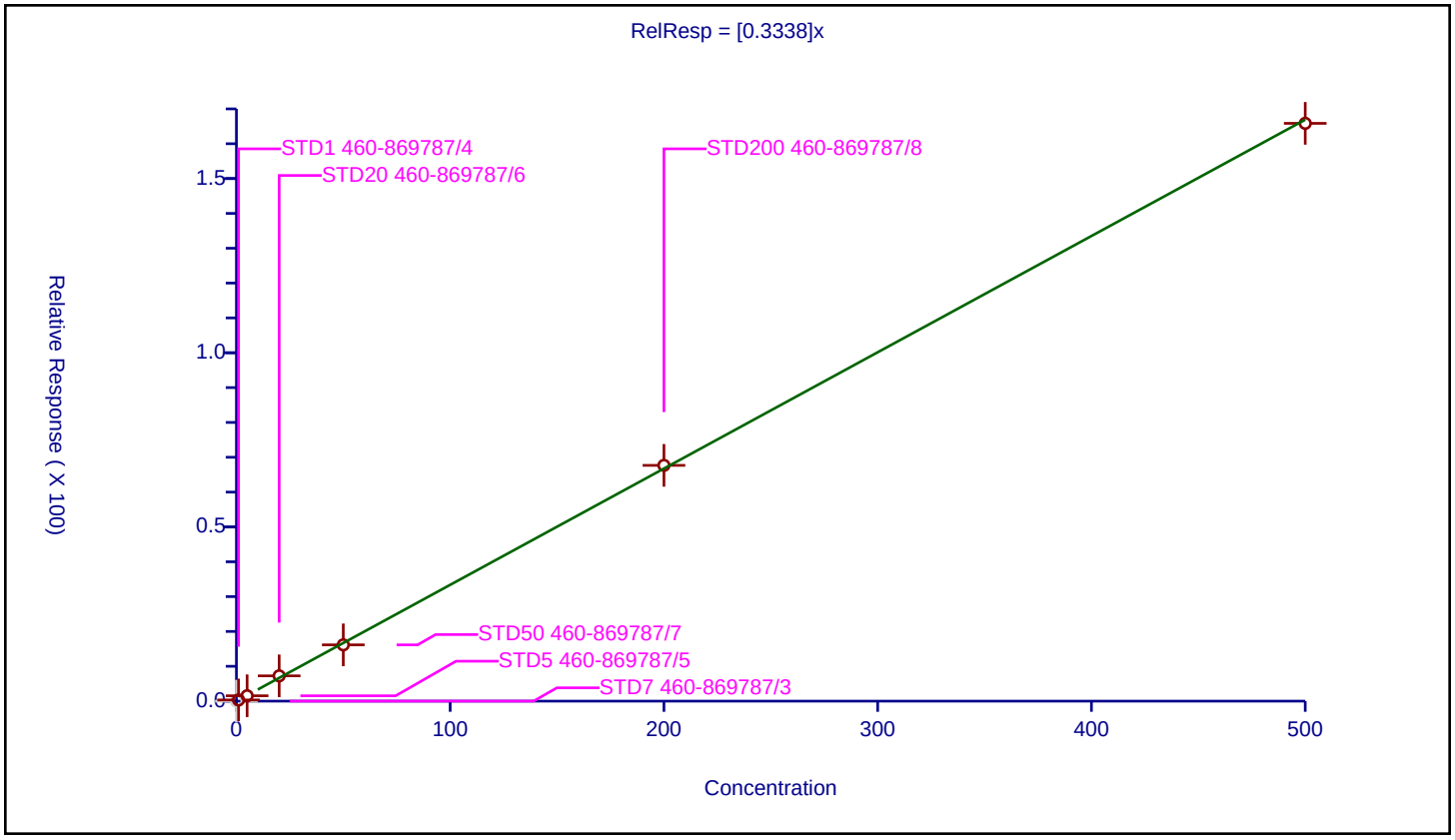
Curve Coefficients

Intercept:	0
Slope:	0.3338

Error Coefficients

Standard Error:	779000
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	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.337706	50.0	368220.0	0.337706	Y
3	STD5 460-869787/5	5.0	1.543499	50.0	417493.0	0.3087	Y
4	STD20 460-869787/6	20.0	7.260514	50.0	396797.0	0.363026	Y
5	STD50 460-869787/7	50.0	16.15952	50.0	447241.0	0.32319	Y
6	STD200 460-869787/8	200.0	67.680411	50.0	462970.0	0.338402	Y
7	STD500 460-869787/9	500.0	165.846933	50.0	487618.0	0.331694	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

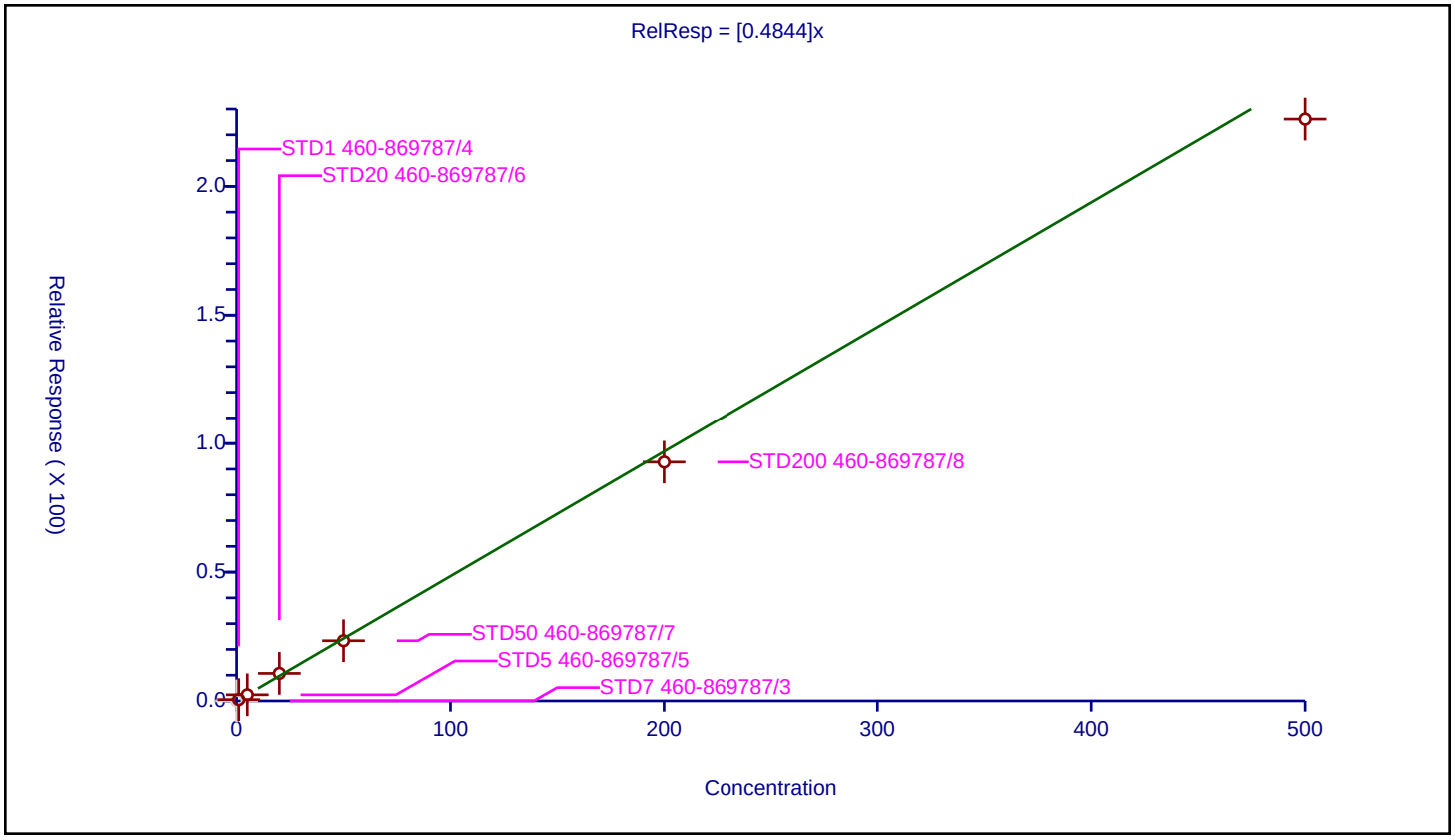
Curve Coefficients

Intercept:	0
Slope:	0.4844

Error Coefficients

Standard Error:	1060000
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 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.511107	50.0	368220.0	0.511107	Y
3	STD5 460-869787/5	5.0	2.387705	50.0	417493.0	0.477541	Y
4	STD20 460-869787/6	20.0	10.688211	50.0	396797.0	0.534411	Y
5	STD50 460-869787/7	50.0	23.365255	50.0	447241.0	0.467305	Y
6	STD200 460-869787/8	200.0	92.766486	50.0	462970.0	0.463832	Y
7	STD500 460-869787/9	500.0	226.098503	50.0	487618.0	0.452197	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

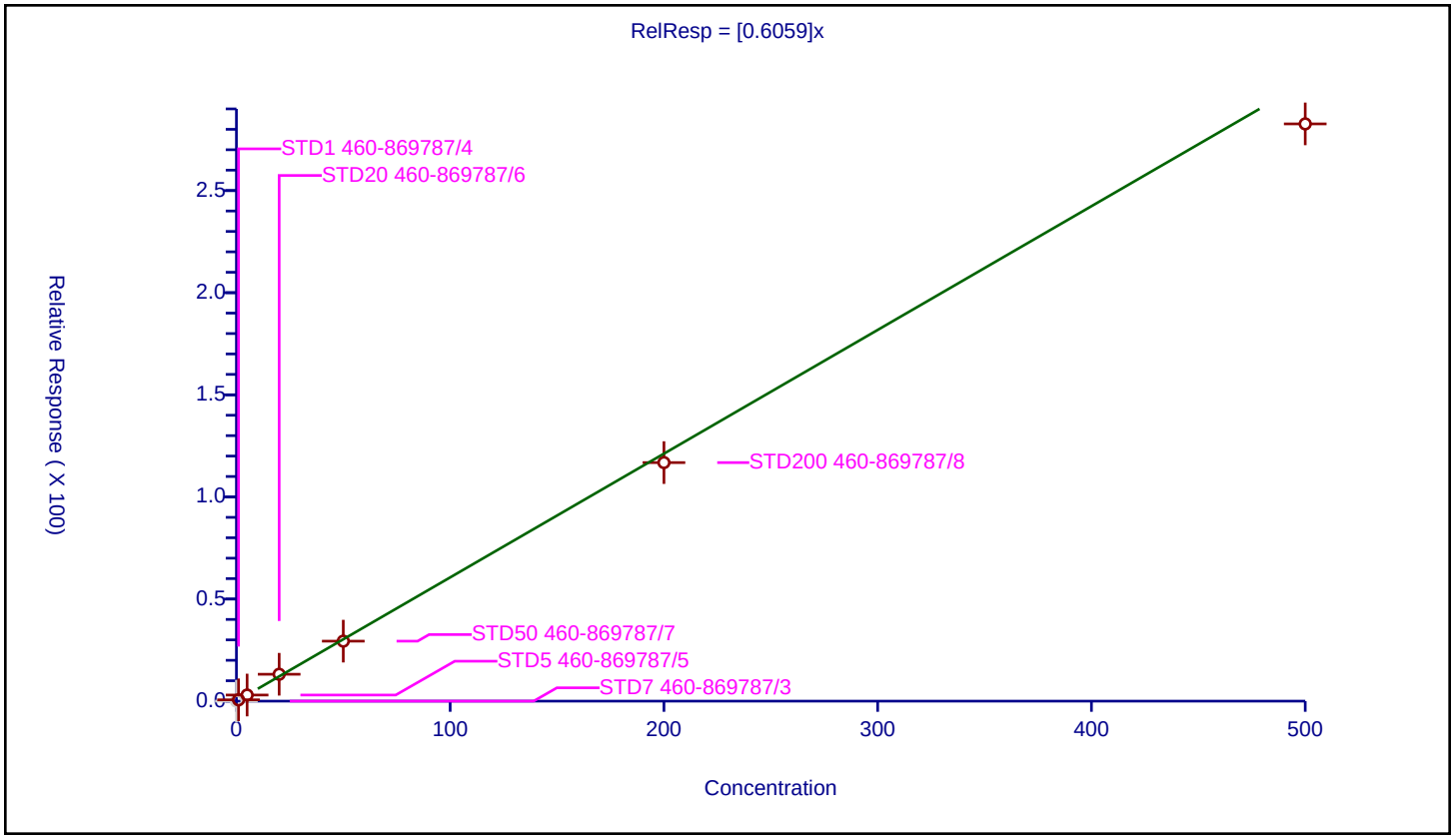
Curve Coefficients

Intercept:	0
Slope:	0.6059

Error Coefficients

Standard Error:	1330000
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	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.6416	50.0	368220.0	0.6416	Y
3	STD5 460-869787/5	5.0	2.993463	50.0	417493.0	0.598693	Y
4	STD20 460-869787/6	20.0	13.161894	50.0	396797.0	0.658095	Y
5	STD50 460-869787/7	50.0	29.381027	50.0	447241.0	0.587621	Y
6	STD200 460-869787/8	200.0	116.806705	50.0	462970.0	0.584034	Y
7	STD500 460-869787/9	500.0	282.656506	50.0	487618.0	0.565313	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

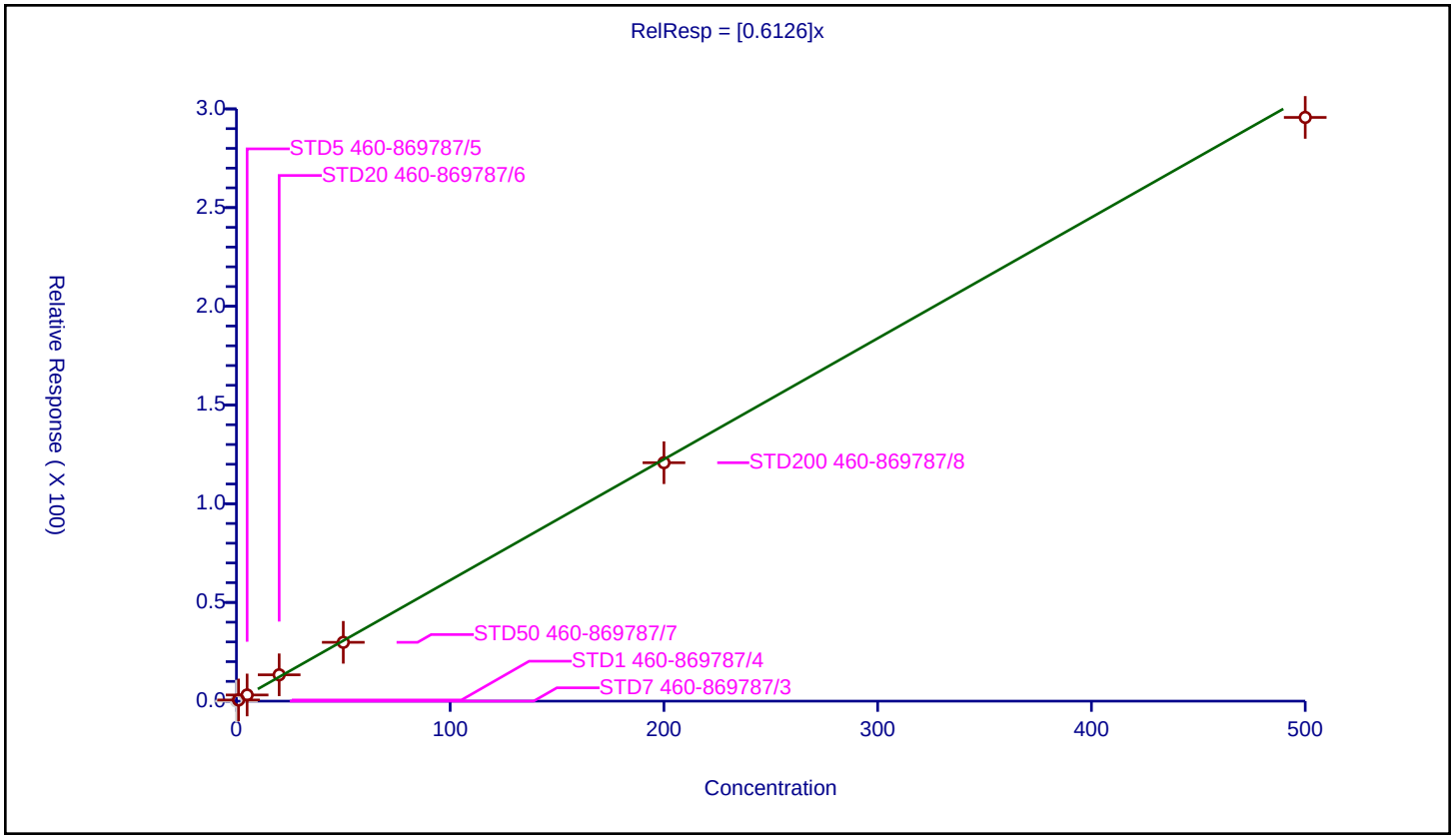
Curve Coefficients

Intercept:	0
Slope:	0.6126

Error Coefficients

Standard Error:	1390000
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 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.592581	50.0	368220.0	0.592581	Y
3	STD5 460-869787/5	5.0	3.125202	50.0	417493.0	0.62504	Y
4	STD20 460-869787/6	20.0	13.331754	50.0	396797.0	0.666588	Y
5	STD50 460-869787/7	50.0	29.794563	50.0	447241.0	0.595891	Y
6	STD200 460-869787/8	200.0	120.786984	50.0	462970.0	0.603935	Y
7	STD500 460-869787/9	500.0	295.685455	50.0	487618.0	0.591371	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

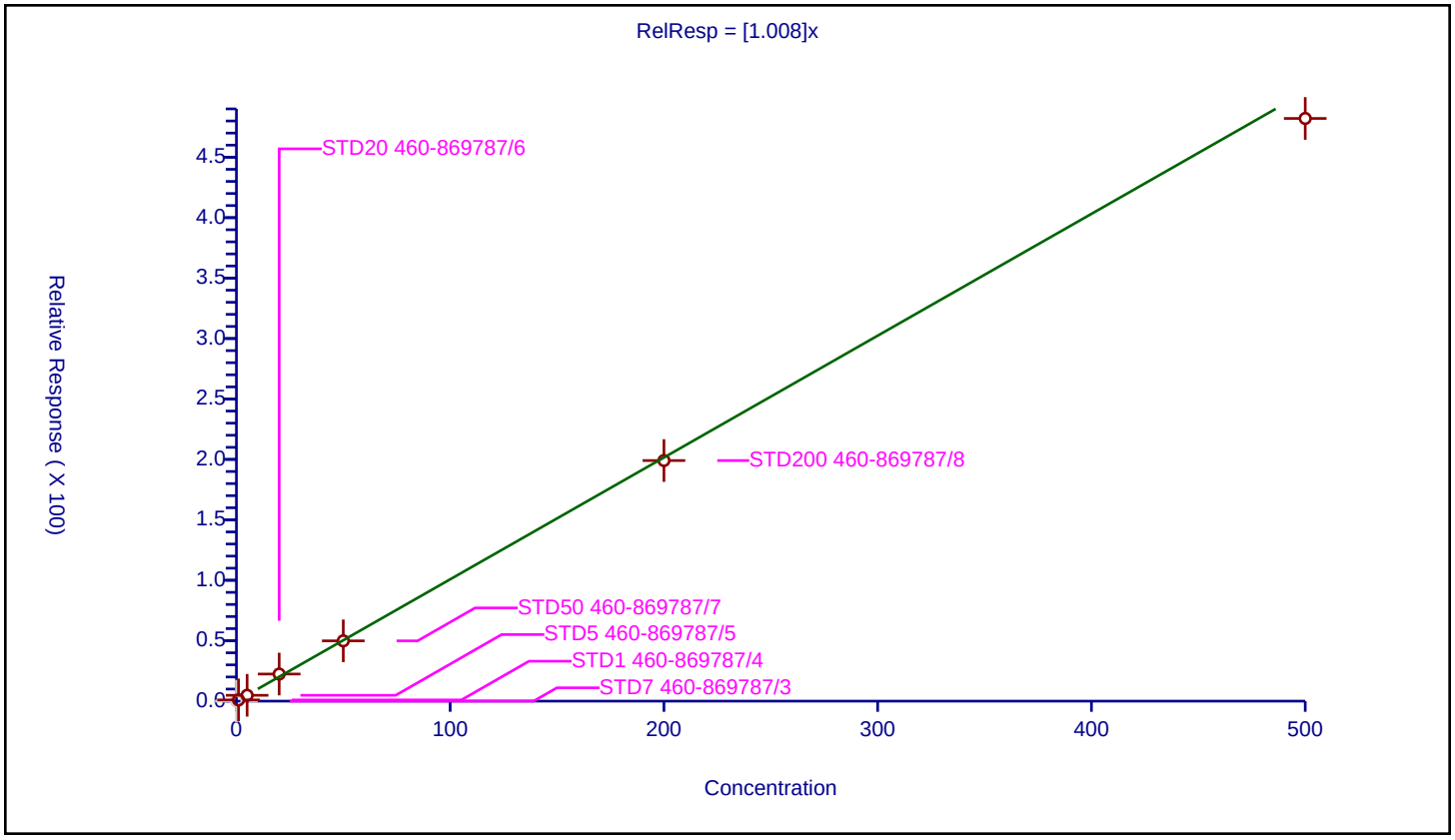
Curve Coefficients

Intercept:	0
Slope:	1.008

Error Coefficients

Standard Error:	2270000
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 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	1.002254	50.0	368220.0	1.002254	Y
3	STD5 460-869787/5	5.0	4.836369	50.0	417493.0	0.967274	Y
4	STD20 460-869787/6	20.0	22.413098	50.0	396797.0	1.120655	Y
5	STD50 460-869787/7	50.0	49.878477	50.0	447241.0	0.99757	Y
6	STD200 460-869787/8	200.0	199.063006	50.0	462970.0	0.995315	Y
7	STD500 460-869787/9	500.0	482.086797	50.0	487618.0	0.964174	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

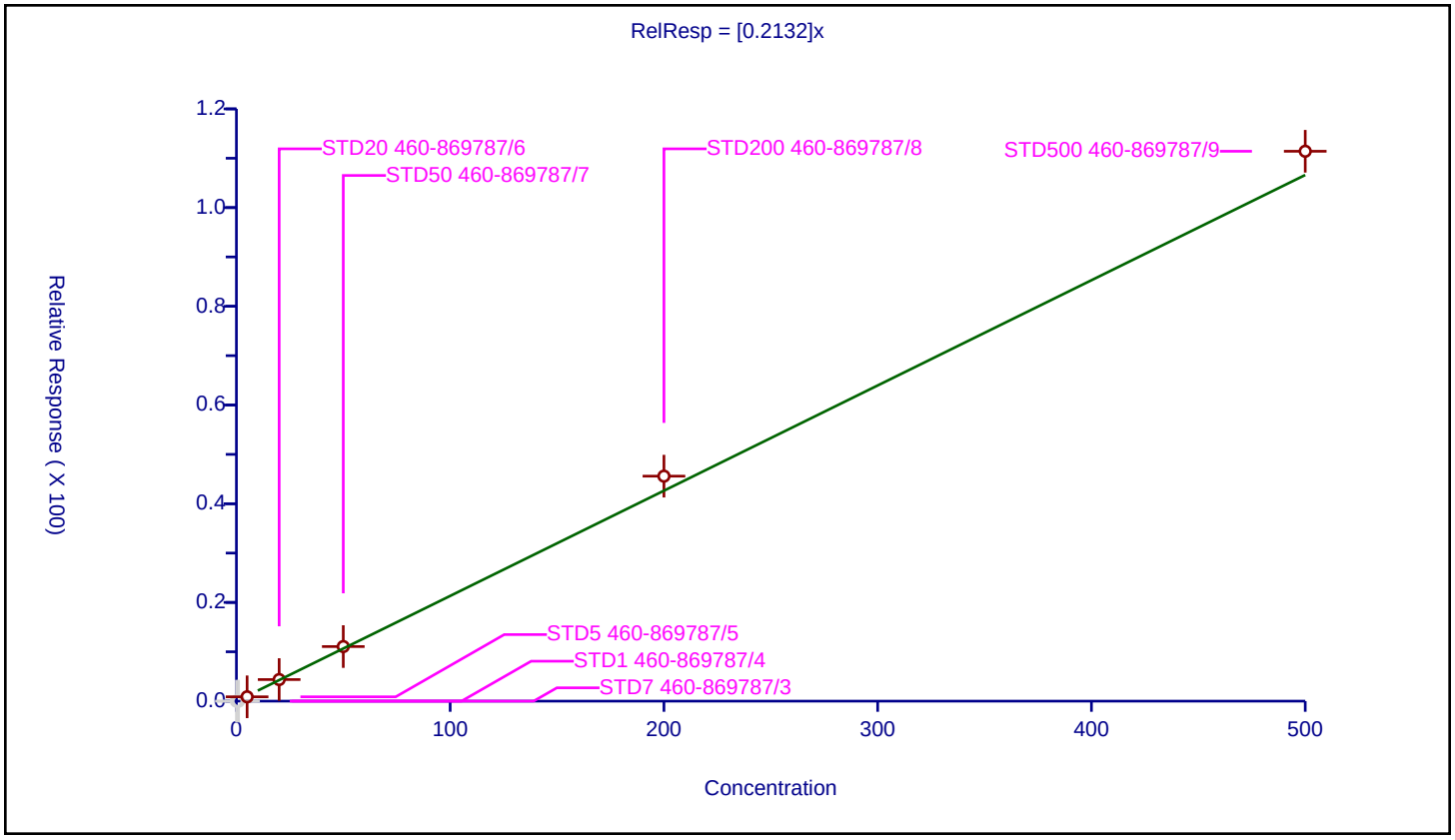
Curve Coefficients

Intercept:	0
Slope:	0.2132

Error Coefficients

Standard Error:	585000
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	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.0	50.0	368220.0	0.0	N
3	STD5 460-869787/5	5.0	0.87762	50.0	417493.0	0.175524	Y
4	STD20 460-869787/6	20.0	4.372009	50.0	396797.0	0.2186	Y
5	STD50 460-869787/7	50.0	11.059362	50.0	447241.0	0.221187	Y
6	STD200 460-869787/8	200.0	45.584703	50.0	462970.0	0.227924	Y
7	STD500 460-869787/9	500.0	111.414058	50.0	487618.0	0.222828	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

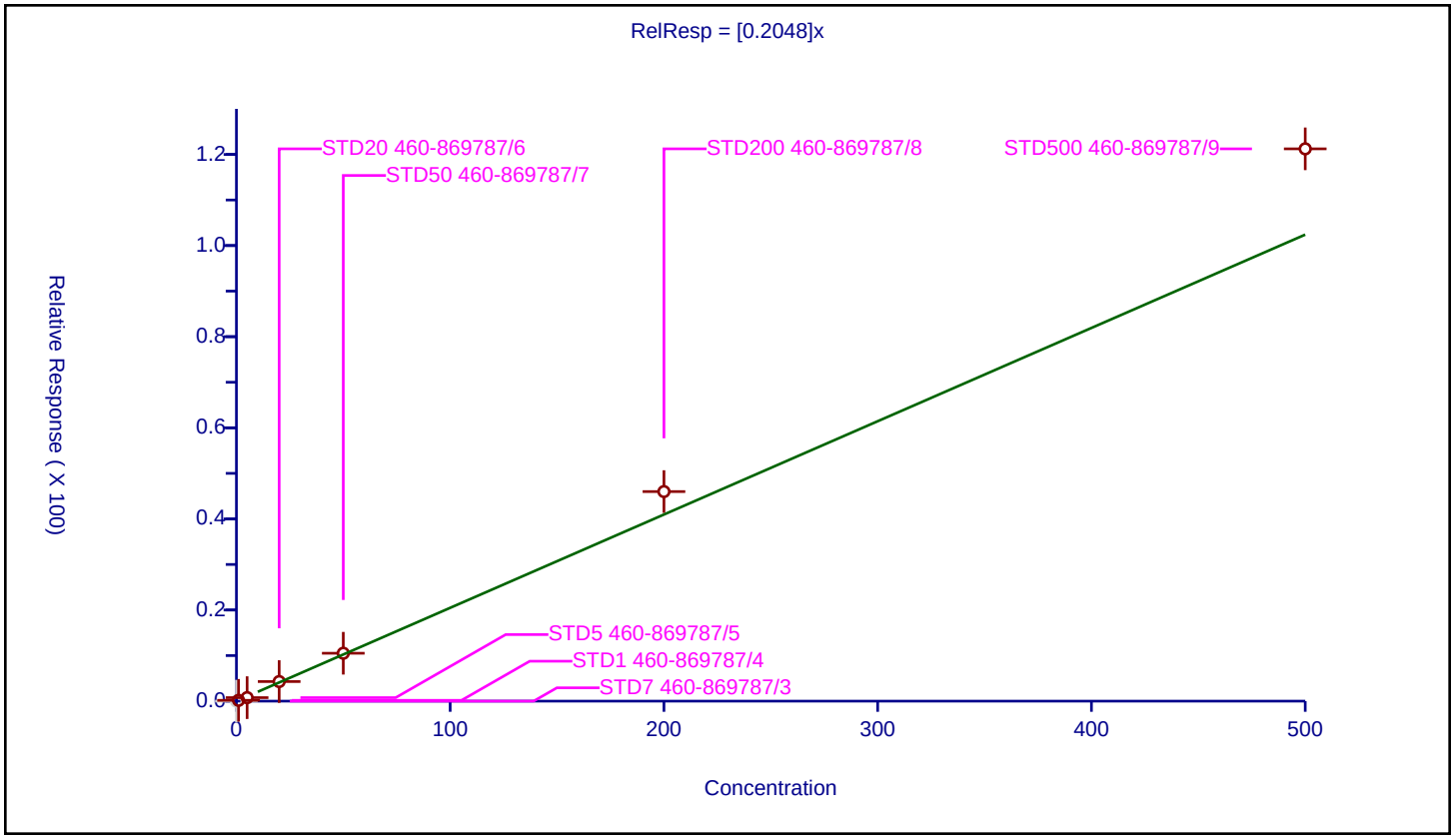
Curve Coefficients

Intercept:	0
Slope:	0.2048

Error Coefficients

Standard Error:	564000
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	0.177204	50.0	368220.0	0.177204	Y
3	STD5 460-869787/5	5.0	0.769234	50.0	417493.0	0.153847	Y
4	STD20 460-869787/6	20.0	4.299554	50.0	396797.0	0.214978	Y
5	STD50 460-869787/7	50.0	10.514577	50.0	447241.0	0.210292	Y
6	STD200 460-869787/8	200.0	46.002441	50.0	462970.0	0.230012	Y
7	STD500 460-869787/9	500.0	121.230553	50.0	487618.0	0.242461	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

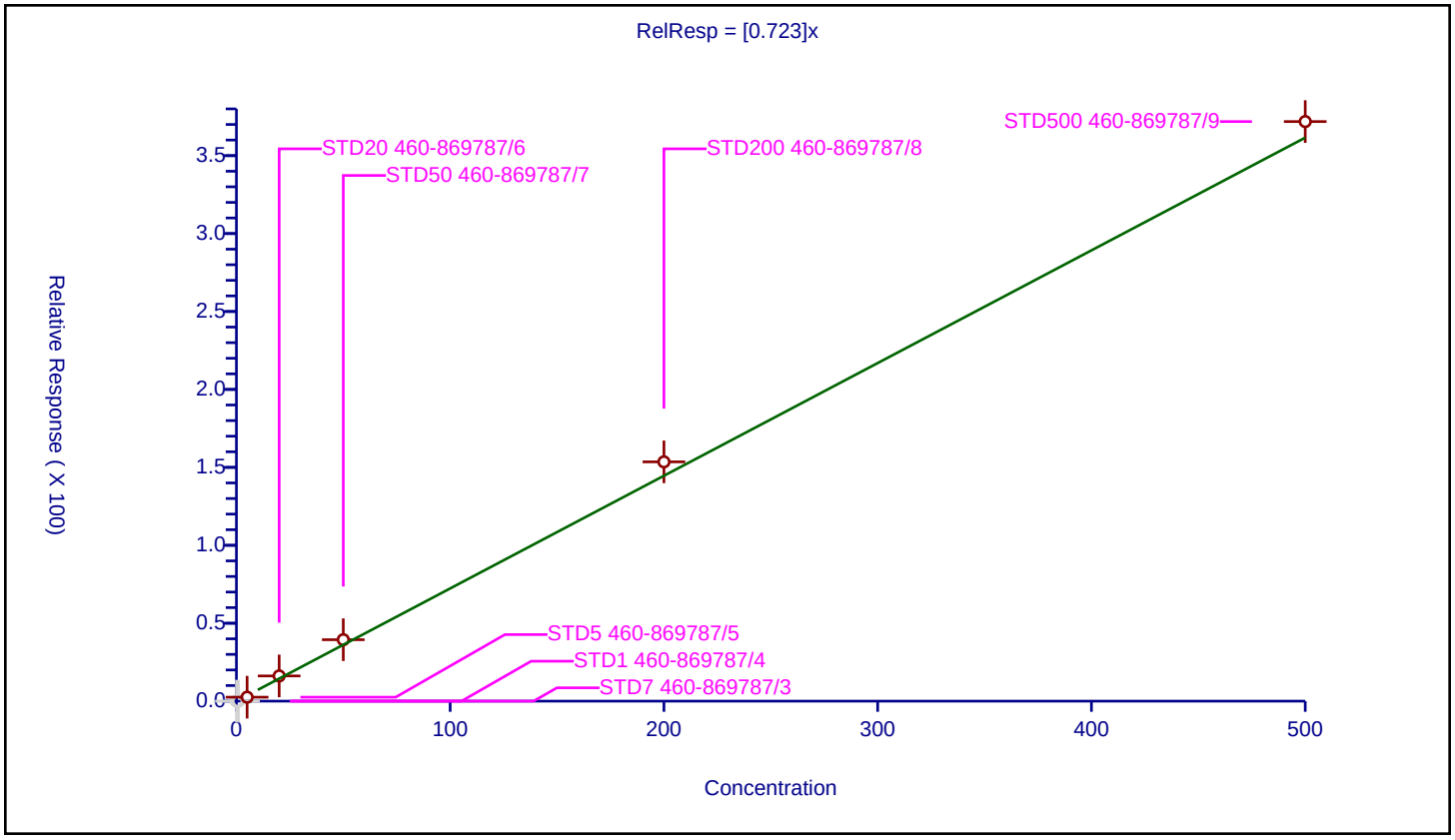
Curve Coefficients

Intercept:	0
Slope:	0.723

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	17.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.0	50.0	190156.0	0.0	N
3	STD5 460-869787/5	5.0	2.532066	50.0	210579.0	0.506413	Y
4	STD20 460-869787/6	20.0	16.182097	50.0	216137.0	0.809105	Y
5	STD50 460-869787/7	50.0	39.418617	50.0	253327.0	0.788372	Y
6	STD200 460-869787/8	200.0	153.528544	50.0	267079.0	0.767643	Y
7	STD500 460-869787/9	500.0	371.857735	50.0	280912.0	0.743715	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

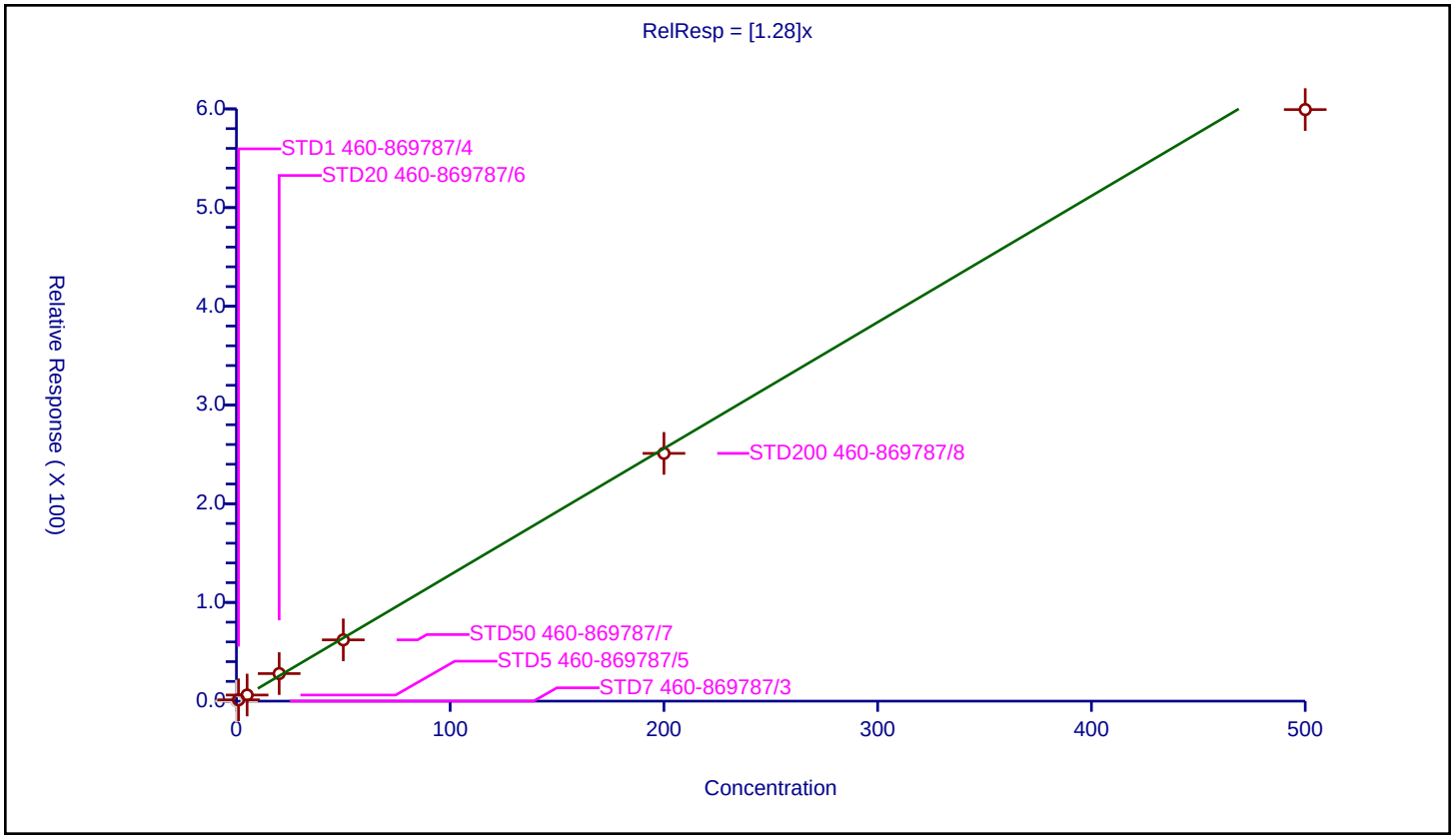
Curve Coefficients

Intercept:	0
Slope:	1.28

Error Coefficients

Standard Error:	2830000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	393138.0	NaN	N
2	STD1 460-869787/4	1.0	1.348379	50.0	368220.0	1.348379	Y
3	STD5 460-869787/5	5.0	6.186691	50.0	417493.0	1.237338	Y
4	STD20 460-869787/6	20.0	27.924732	50.0	396797.0	1.396237	Y
5	STD50 460-869787/7	50.0	62.081741	50.0	447241.0	1.241635	Y
6	STD200 460-869787/8	200.0	251.016589	50.0	462970.0	1.255083	Y
7	STD500 460-869787/9	500.0	599.301092	50.0	487618.0	1.198602	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

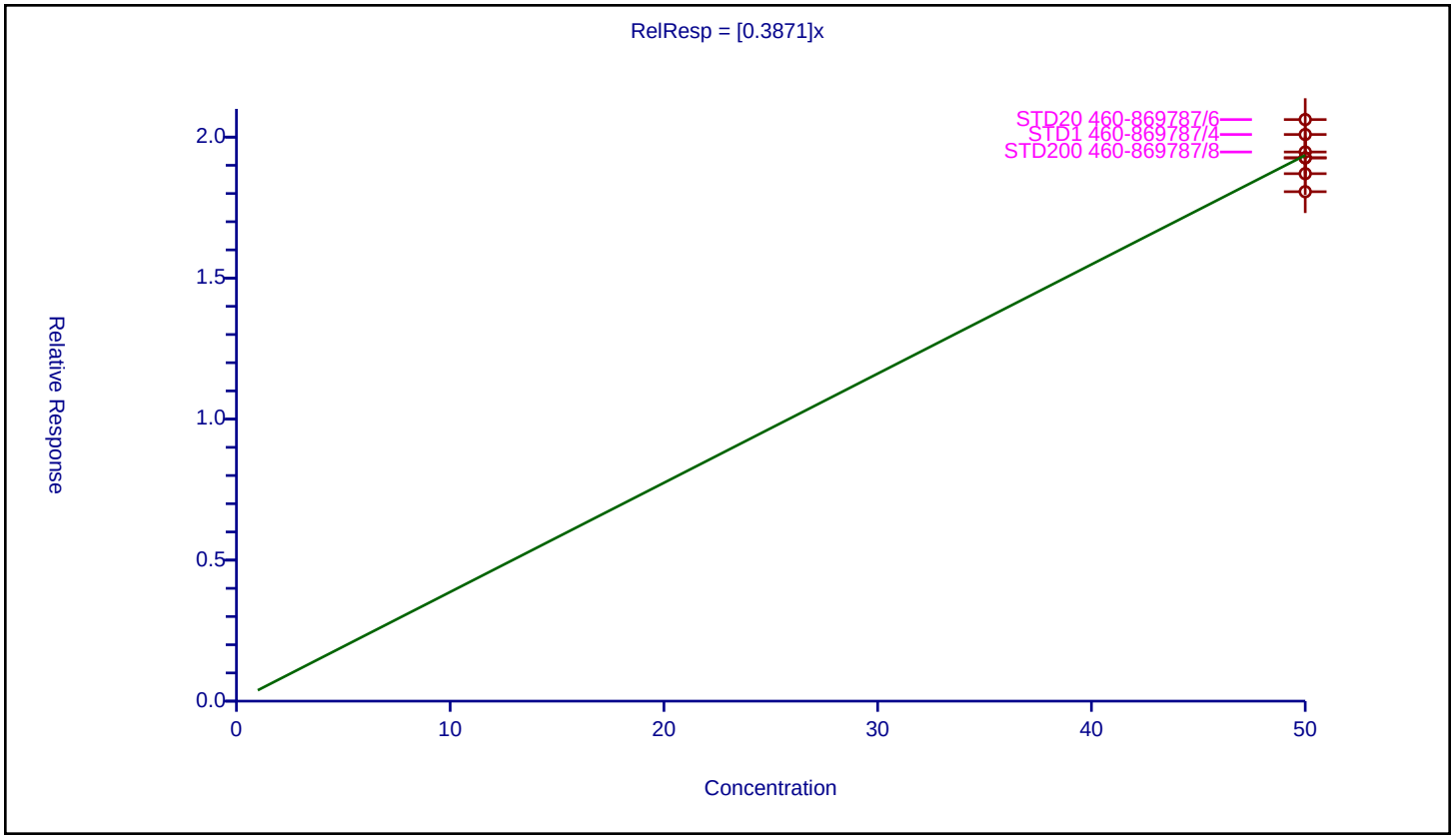
Curve Coefficients

Intercept:	0
Slope:	0.3871

Error Coefficients

Standard Error:	178000
Relative Standard Error:	4.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	50.0	18.70361	50.0	393138.0	0.374072	Y
2	STD1 460-869787/4	50.0	20.0922	50.0	368220.0	0.401844	Y
3	STD5 460-869787/5	50.0	18.063656	50.0	417493.0	0.361273	Y
4	STD20 460-869787/6	50.0	20.621502	50.0	396797.0	0.41243	Y
5	STD50 460-869787/7	50.0	19.265676	50.0	447241.0	0.385314	Y
6	STD200 460-869787/8	50.0	19.471888	50.0	462970.0	0.389438	Y
7	STD500 460-869787/9	50.0	19.26344	50.0	487618.0	0.385269	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

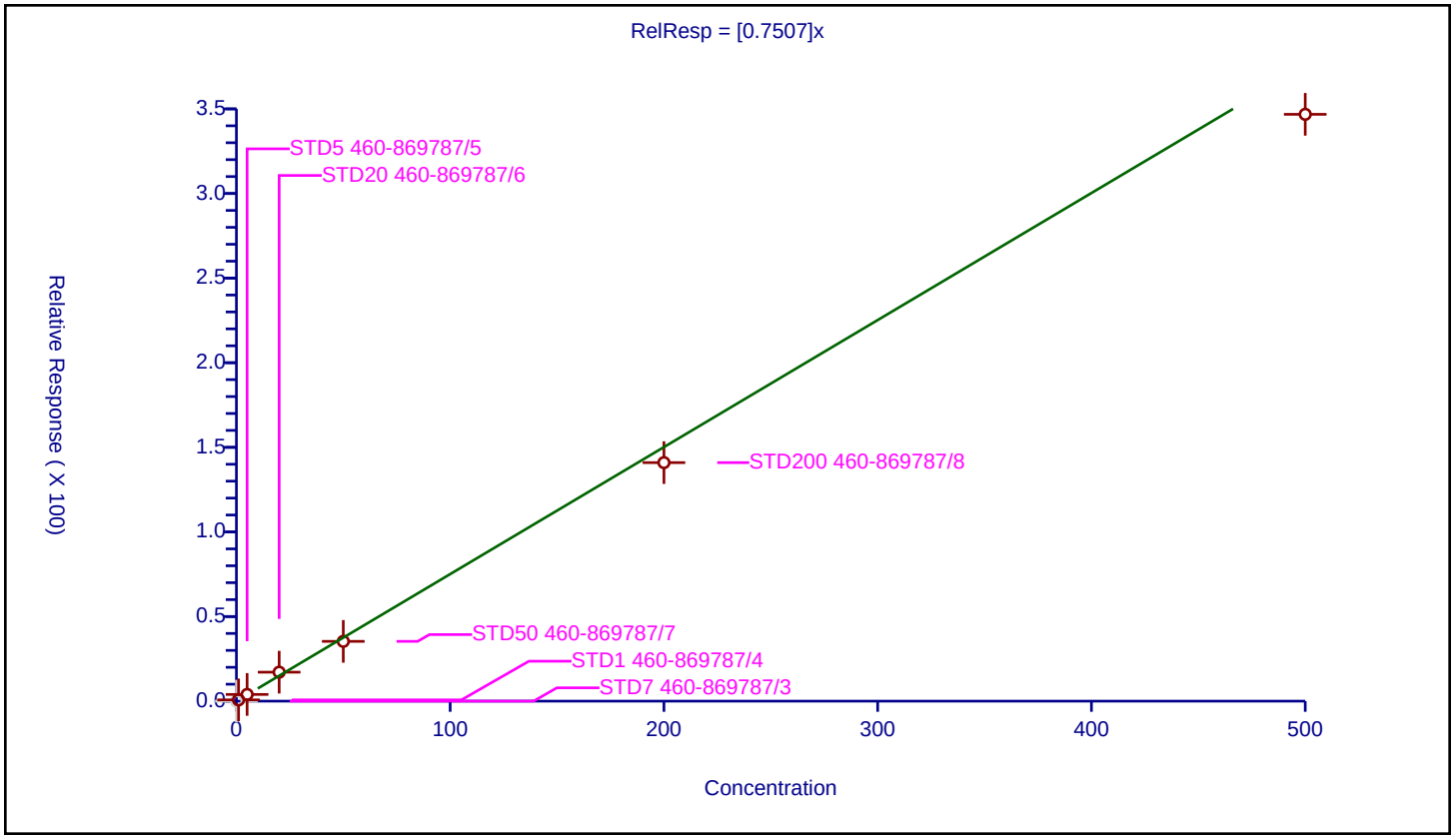
Curve Coefficients

Intercept:	0
Slope:	0.7507

Error Coefficients

Standard Error:	938000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.750436	50.0	190156.0	0.750436	Y
3	STD5 460-869787/5	5.0	3.962646	50.0	210579.0	0.792529	Y
4	STD20 460-869787/6	20.0	17.121317	50.0	216137.0	0.856066	Y
5	STD50 460-869787/7	50.0	35.332594	50.0	253327.0	0.706652	Y
6	STD200 460-869787/8	200.0	140.965969	50.0	267079.0	0.70483	Y
7	STD500 460-869787/9	500.0	346.787606	50.0	280912.0	0.693575	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

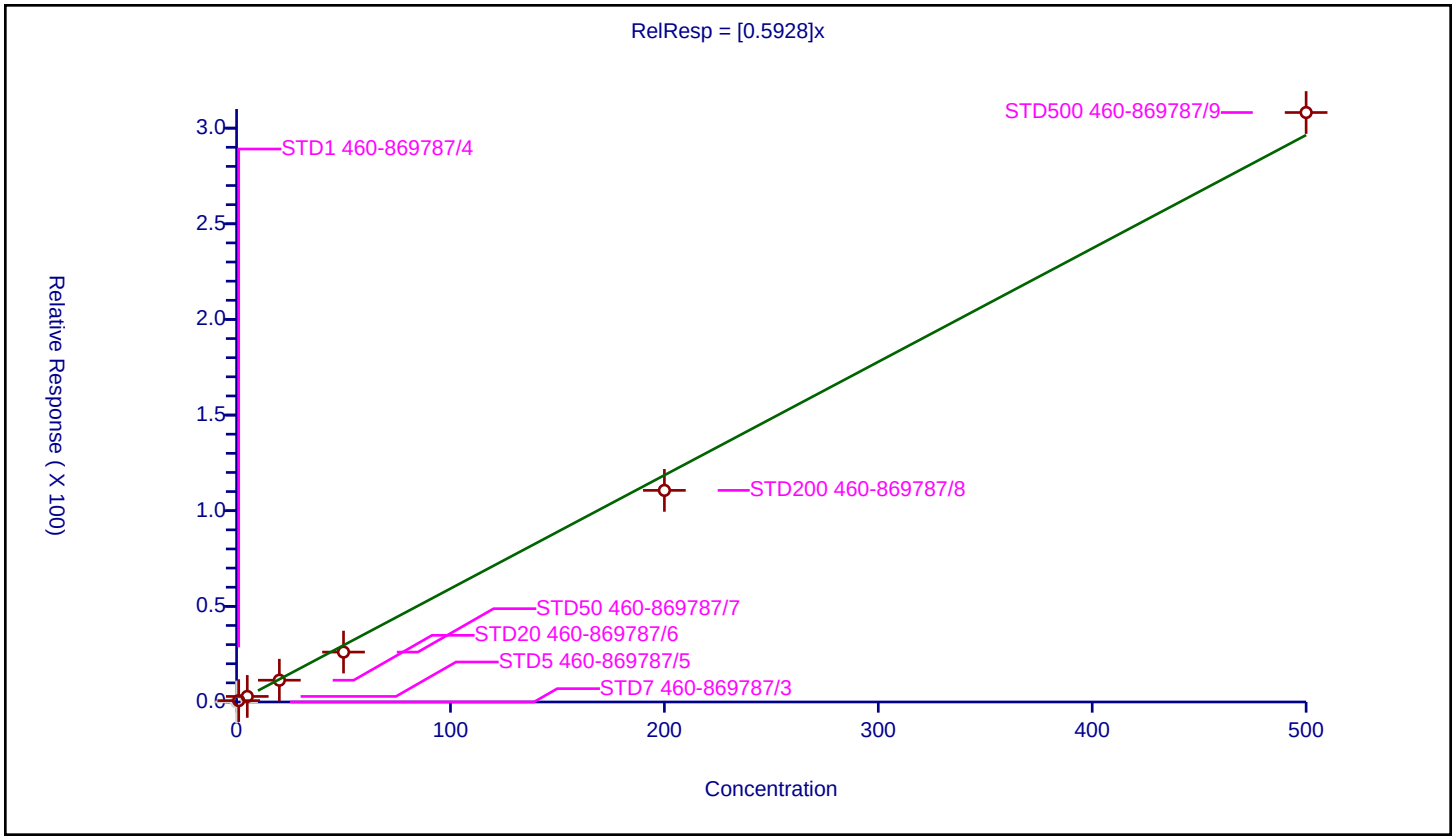
Curve Coefficients

Intercept:	0
Slope:	0.5928

Error Coefficients

Standard Error:	820000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.714413	50.0	190156.0	0.714413	Y
3	STD5 460-869787/5	5.0	2.910072	50.0	210579.0	0.582014	Y
4	STD20 460-869787/6	20.0	11.380976	50.0	216137.0	0.569049	Y
5	STD50 460-869787/7	50.0	26.084073	50.0	253327.0	0.521681	Y
6	STD200 460-869787/8	200.0	110.632622	50.0	267079.0	0.553163	Y
7	STD500 460-869787/9	500.0	308.169996	50.0	280912.0	0.61634	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

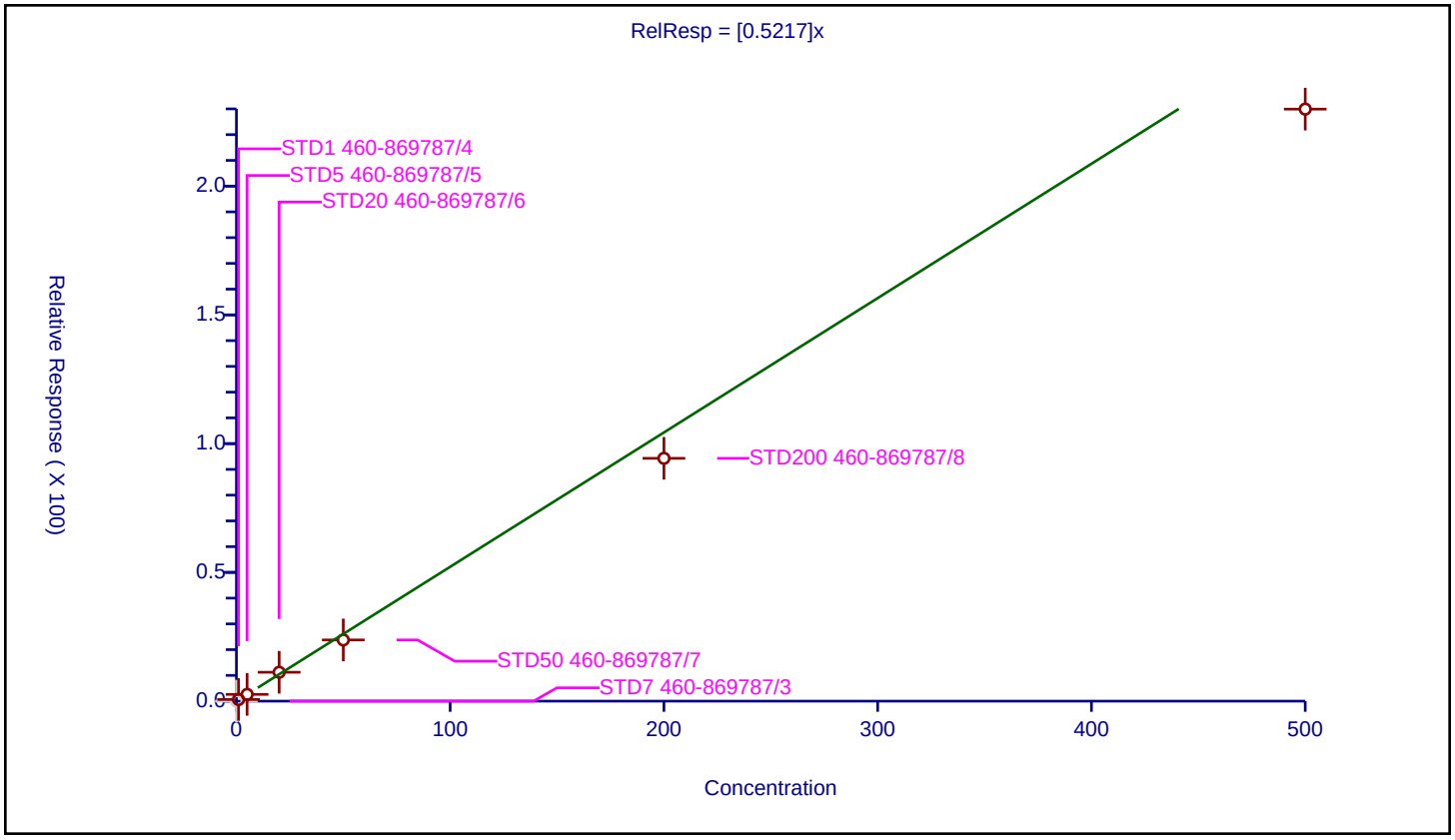
Curve Coefficients

Intercept:	0
Slope:	0.5217

Error Coefficients

Standard Error:	623000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.637897	50.0	190156.0	0.637897	Y
3	STD5 460-869787/5	5.0	2.625855	50.0	210579.0	0.525171	Y
4	STD20 460-869787/6	20.0	11.212564	50.0	216137.0	0.560628	Y
5	STD50 460-869787/7	50.0	23.764344	50.0	253327.0	0.475287	Y
6	STD200 460-869787/8	200.0	94.299252	50.0	267079.0	0.471496	Y
7	STD500 460-869787/9	500.0	229.907231	50.0	280912.0	0.459814	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

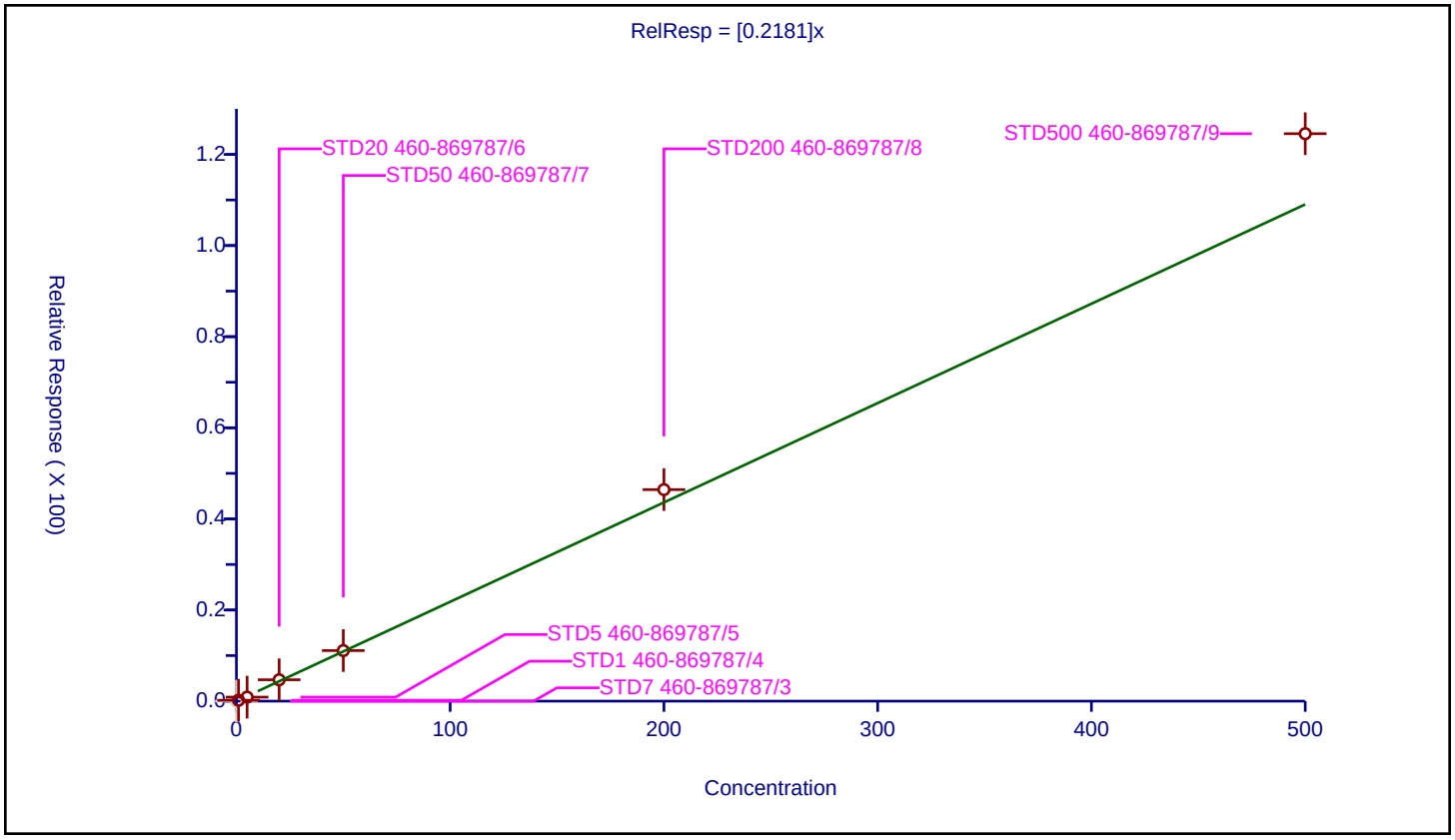
Curve Coefficients

Intercept:	0
Slope:	0.2181

Error Coefficients

Standard Error:	333000
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 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.19484	50.0	190156.0	0.19484	Y
3	STD5 460-869787/5	5.0	0.879242	50.0	210579.0	0.175848	Y
4	STD20 460-869787/6	20.0	4.690775	50.0	216137.0	0.234539	Y
5	STD50 460-869787/7	50.0	11.09712	50.0	253327.0	0.221942	Y
6	STD200 460-869787/8	200.0	46.428023	50.0	267079.0	0.23214	Y
7	STD500 460-869787/9	500.0	124.555021	50.0	280912.0	0.24911	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

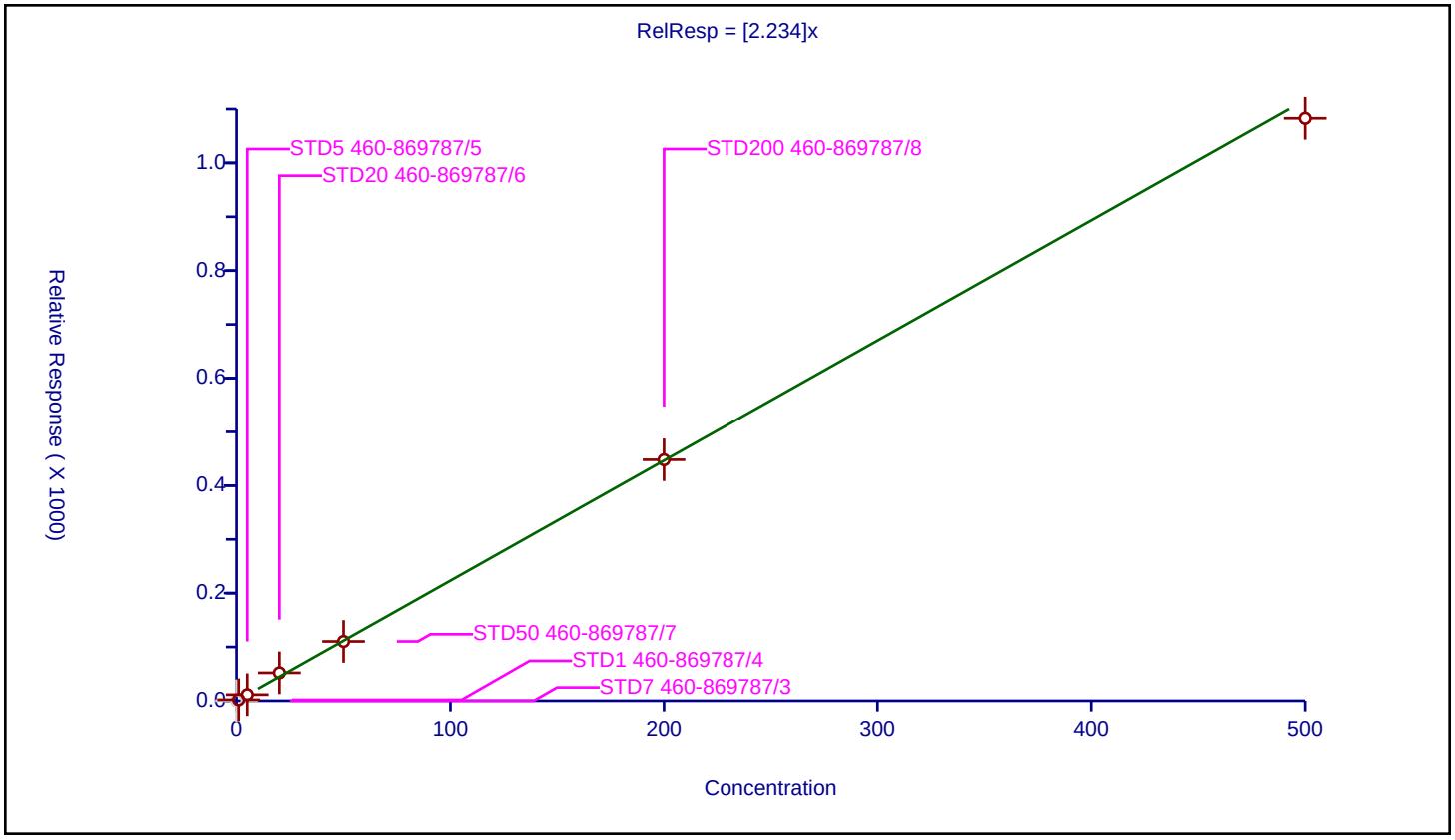
Curve Coefficients

Intercept:	0
Slope:	2.234

Error Coefficients

Standard Error:	2940000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.920265	50.0	190156.0	1.920265	Y
3	STD5 460-869787/5	5.0	11.348947	50.0	210579.0	2.269789	Y
4	STD20 460-869787/6	20.0	51.98971	50.0	216137.0	2.599486	Y
5	STD50 460-869787/7	50.0	110.264401	50.0	253327.0	2.205288	Y
6	STD200 460-869787/8	200.0	448.169455	50.0	267079.0	2.240847	Y
7	STD500 460-869787/9	500.0	1082.863317	50.0	280912.0	2.165727	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

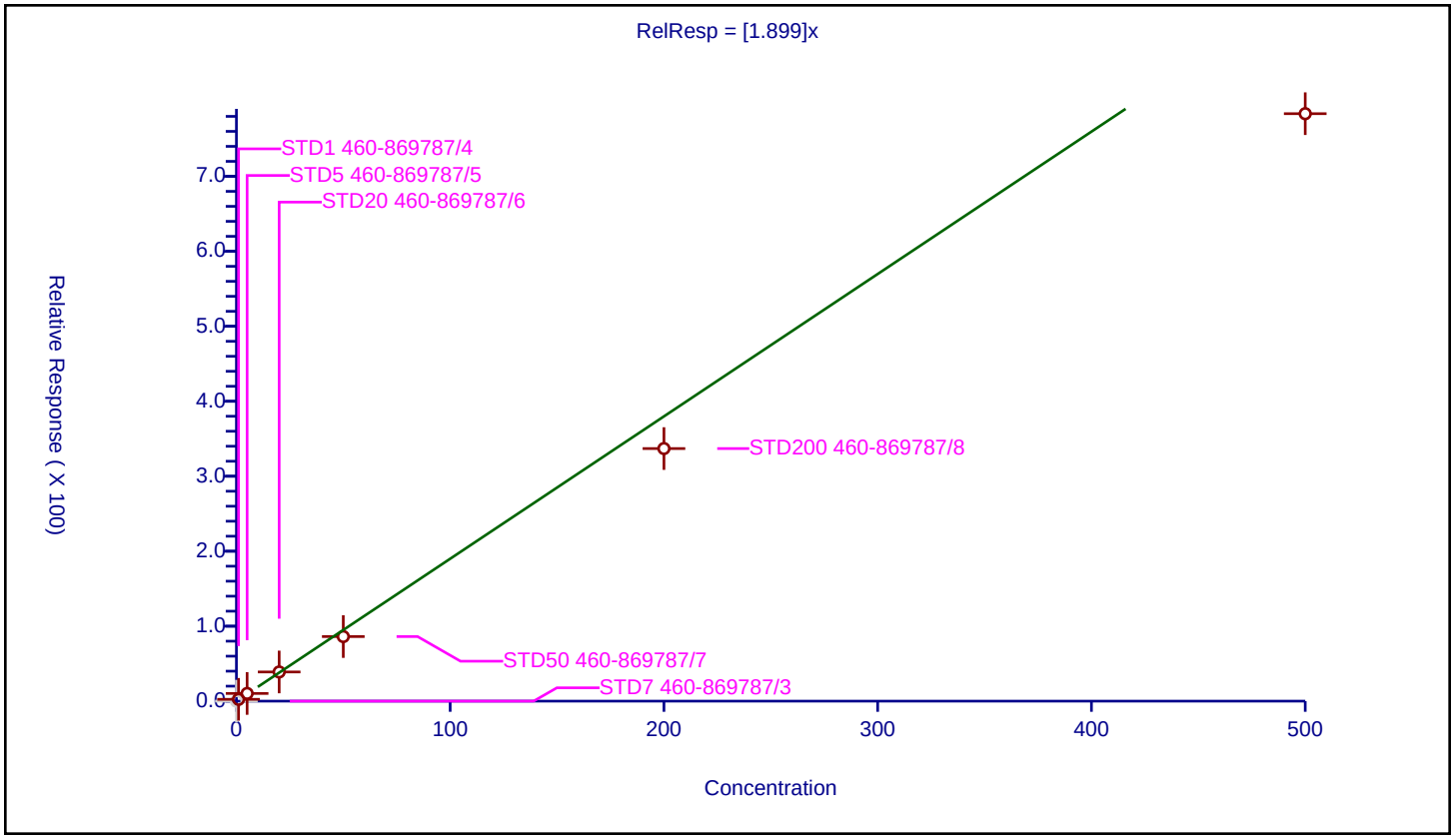
Curve Coefficients

Intercept:	0
Slope:	1.899

Error Coefficients

Standard Error:	2140000
Relative Standard Error:	16.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	2.422222	50.0	190156.0	2.422222	Y
3	STD5 460-869787/5	5.0	10.259807	50.0	210579.0	2.051961	Y
4	STD20 460-869787/6	20.0	38.929244	50.0	216137.0	1.946462	Y
5	STD50 460-869787/7	50.0	86.119916	50.0	253327.0	1.722398	Y
6	STD200 460-869787/8	200.0	336.932144	50.0	267079.0	1.684661	Y
7	STD500 460-869787/9	500.0	783.593439	50.0	280912.0	1.567187	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

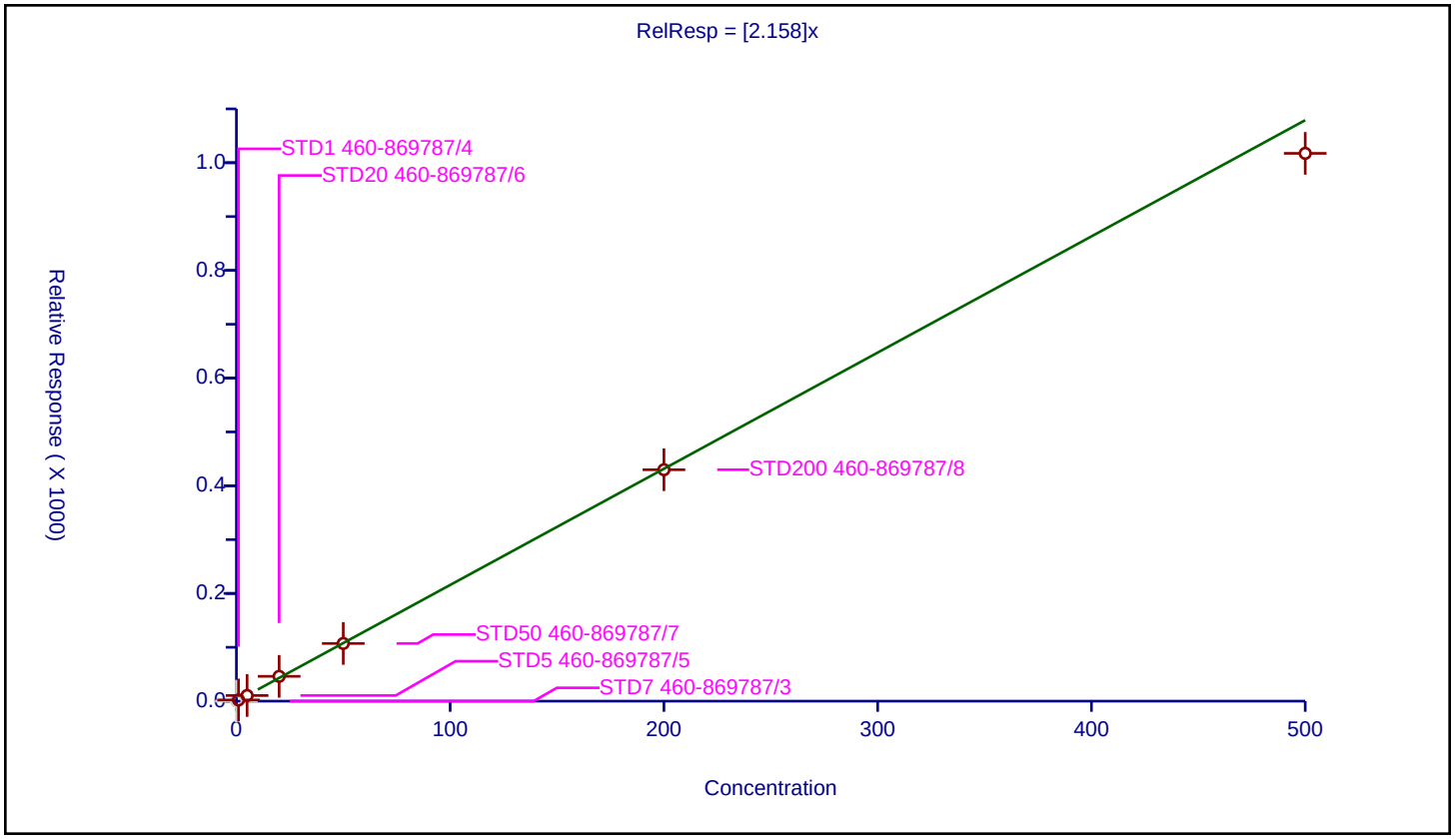
Curve Coefficients

Intercept:	0
Slope:	2.158

Error Coefficients

Standard Error:	2770000
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 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	2.221334	50.0	190156.0	2.221334	Y
3	STD5 460-869787/5	5.0	10.474454	50.0	210579.0	2.094891	Y
4	STD20 460-869787/6	20.0	46.095532	50.0	216137.0	2.304777	Y
5	STD50 460-869787/7	50.0	107.137415	50.0	253327.0	2.142748	Y
6	STD200 460-869787/8	200.0	429.820952	50.0	267079.0	2.149105	Y
7	STD500 460-869787/9	500.0	1017.378752	50.0	280912.0	2.034758	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

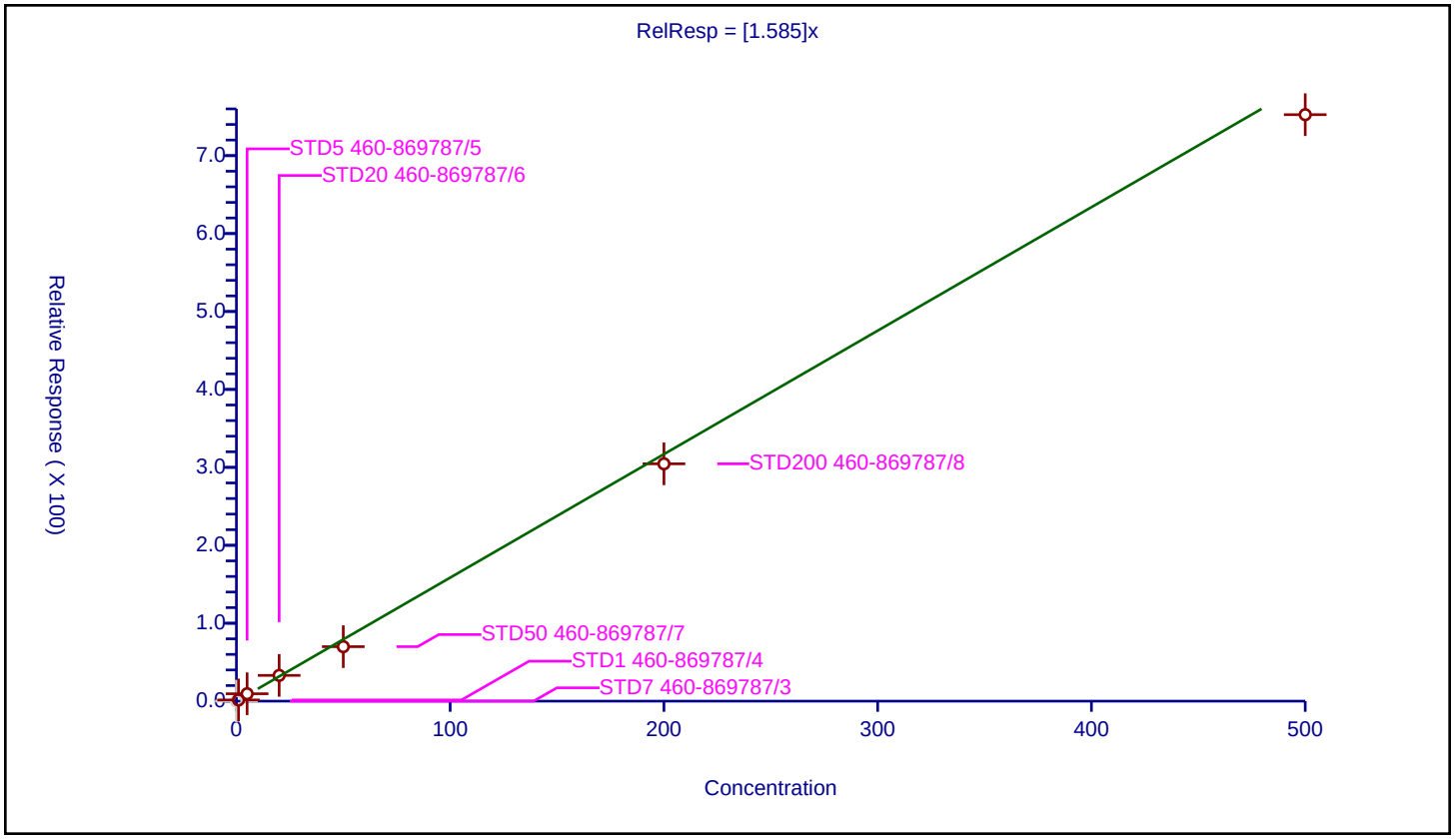
Curve Coefficients

Intercept:	0
Slope:	1.585

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.531374	50.0	190156.0	1.531374	Y
3	STD5 460-869787/5	5.0	9.493112	50.0	210579.0	1.898622	Y
4	STD20 460-869787/6	20.0	33.047789	50.0	216137.0	1.652389	Y
5	STD50 460-869787/7	50.0	69.894642	50.0	253327.0	1.397893	Y
6	STD200 460-869787/8	200.0	304.552211	50.0	267079.0	1.522761	Y
7	STD500 460-869787/9	500.0	752.587999	50.0	280912.0	1.505176	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

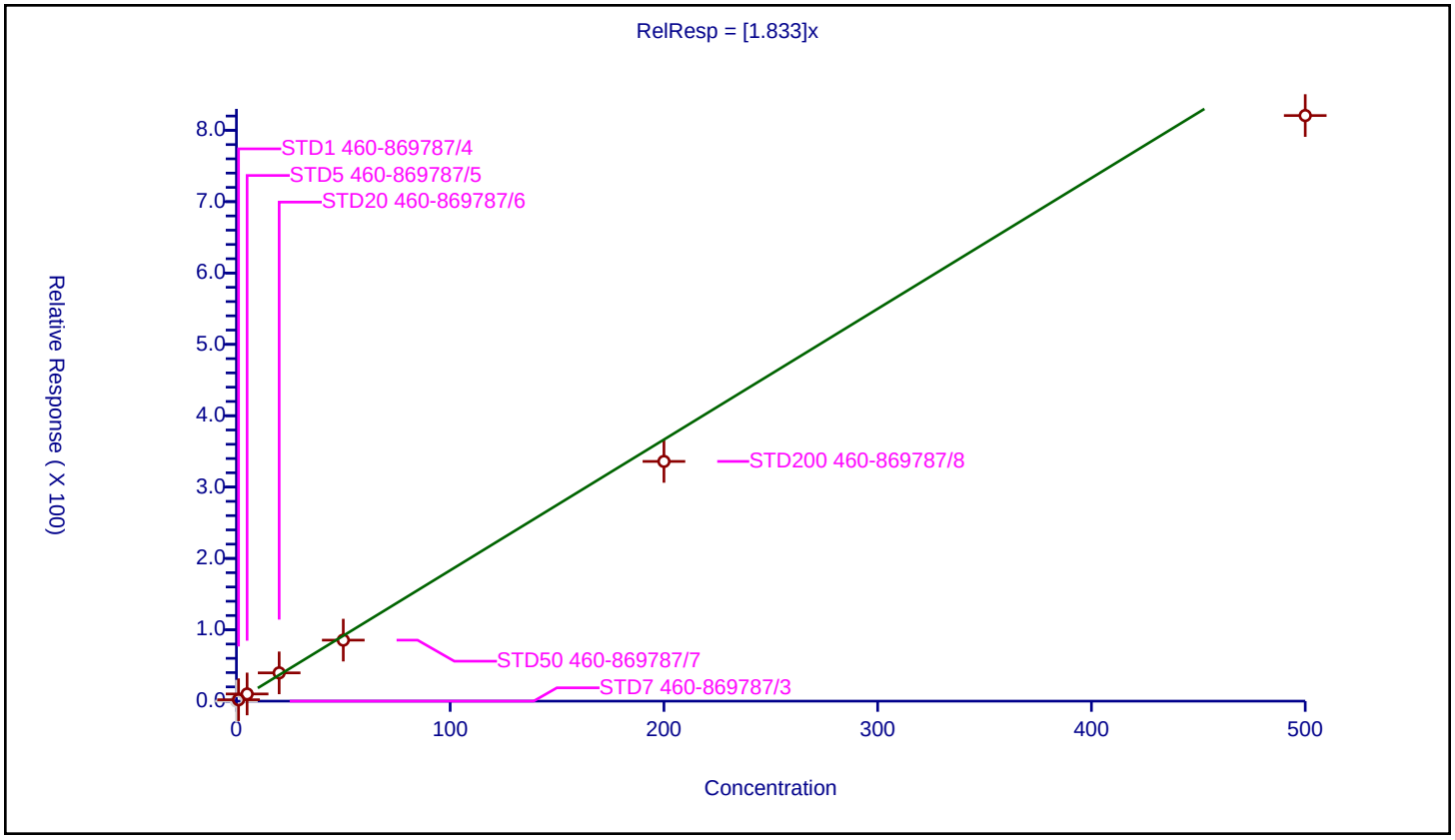
Curve Coefficients

Intercept:	0
Slope:	1.833

Error Coefficients

Standard Error:	2220000
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 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.972065	50.0	190156.0	1.972065	Y
3	STD5 460-869787/5	5.0	10.064156	50.0	210579.0	2.012831	Y
4	STD20 460-869787/6	20.0	39.618622	50.0	216137.0	1.980931	Y
5	STD50 460-869787/7	50.0	85.506677	50.0	253327.0	1.710134	Y
6	STD200 460-869787/8	200.0	335.957338	50.0	267079.0	1.679787	Y
7	STD500 460-869787/9	500.0	820.659139	50.0	280912.0	1.641318	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

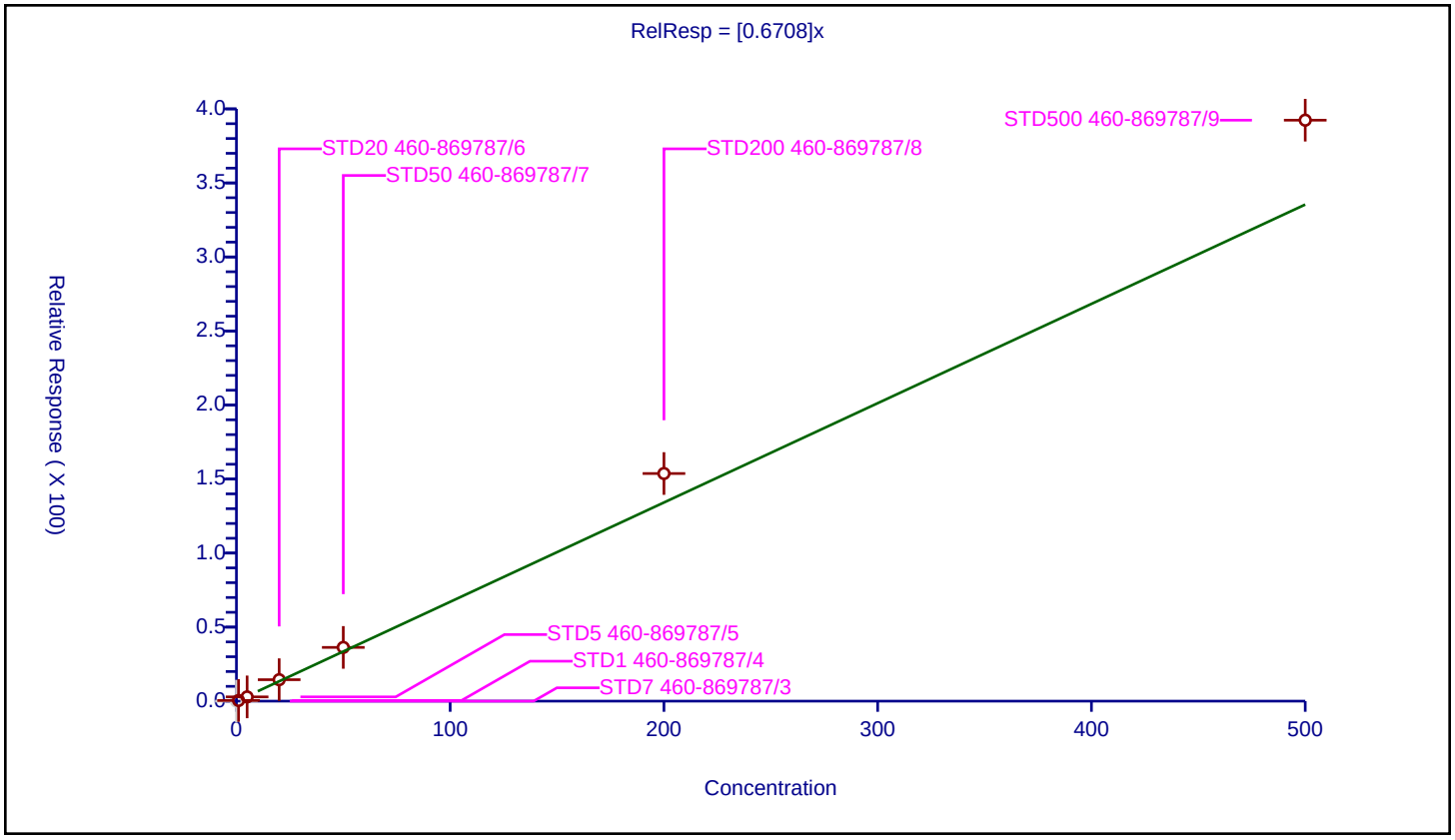
Curve Coefficients

Intercept:	0
Slope:	0.6708

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	19.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.448842	50.0	190156.0	0.448842	Y
3	STD5 460-869787/5	5.0	2.861871	50.0	210579.0	0.572374	Y
4	STD20 460-869787/6	20.0	14.482481	50.0	216137.0	0.724124	Y
5	STD50 460-869787/7	50.0	36.289855	50.0	253327.0	0.725797	Y
6	STD200 460-869787/8	200.0	153.740654	50.0	267079.0	0.768703	Y
7	STD500 460-869787/9	500.0	392.37003	50.0	280912.0	0.78474	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

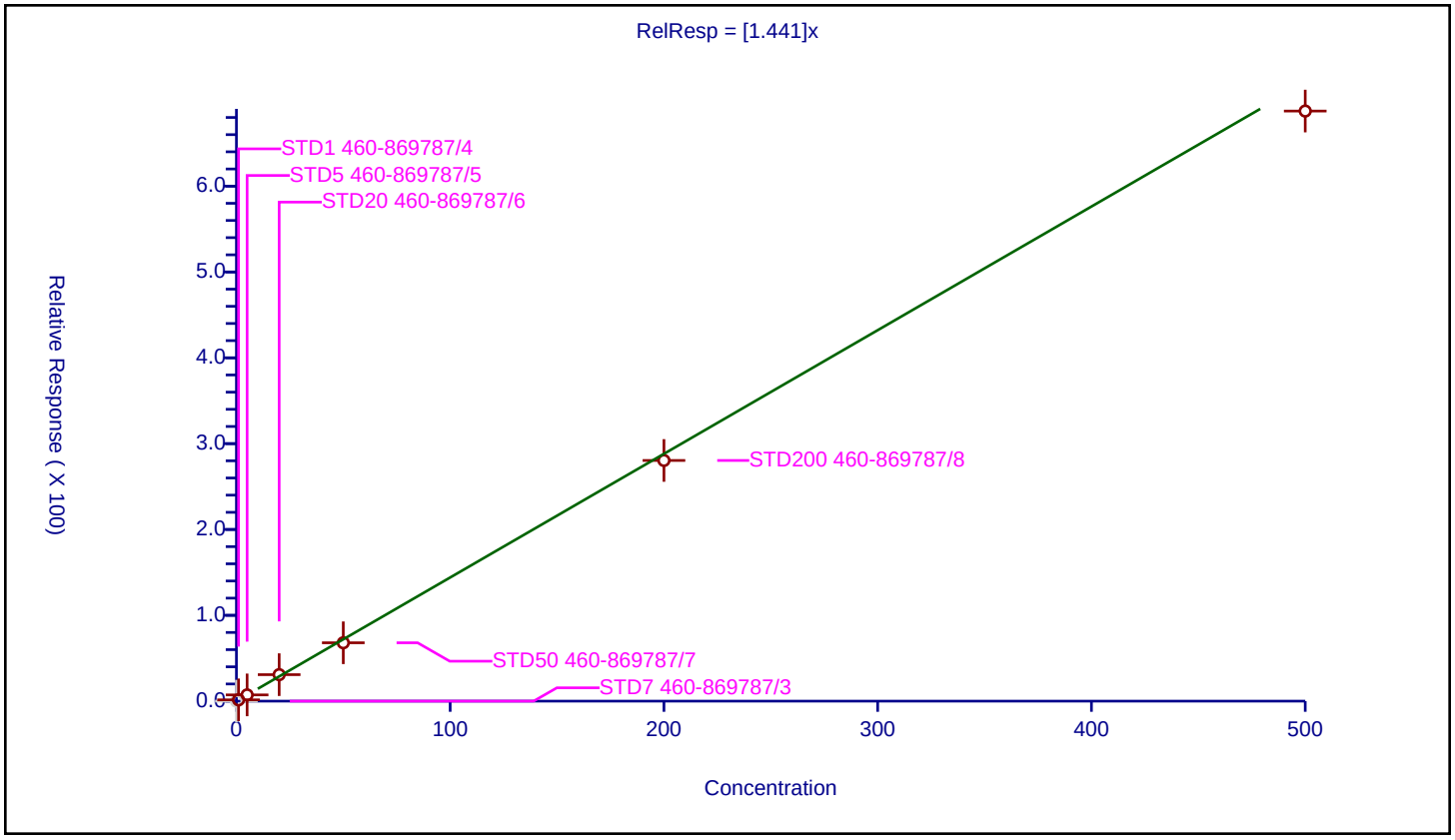
Curve Coefficients

Intercept:	0
Slope:	1.441

Error Coefficients

Standard Error:	1860000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.511391	50.0	190156.0	1.511391	Y
3	STD5 460-869787/5	5.0	7.265444	50.0	210579.0	1.453089	Y
4	STD20 460-869787/6	20.0	30.844094	50.0	216137.0	1.542205	Y
5	STD50 460-869787/7	50.0	67.996305	50.0	253327.0	1.359926	Y
6	STD200 460-869787/8	200.0	280.399432	50.0	267079.0	1.401997	Y
7	STD500 460-869787/9	500.0	687.480599	50.0	280912.0	1.374961	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

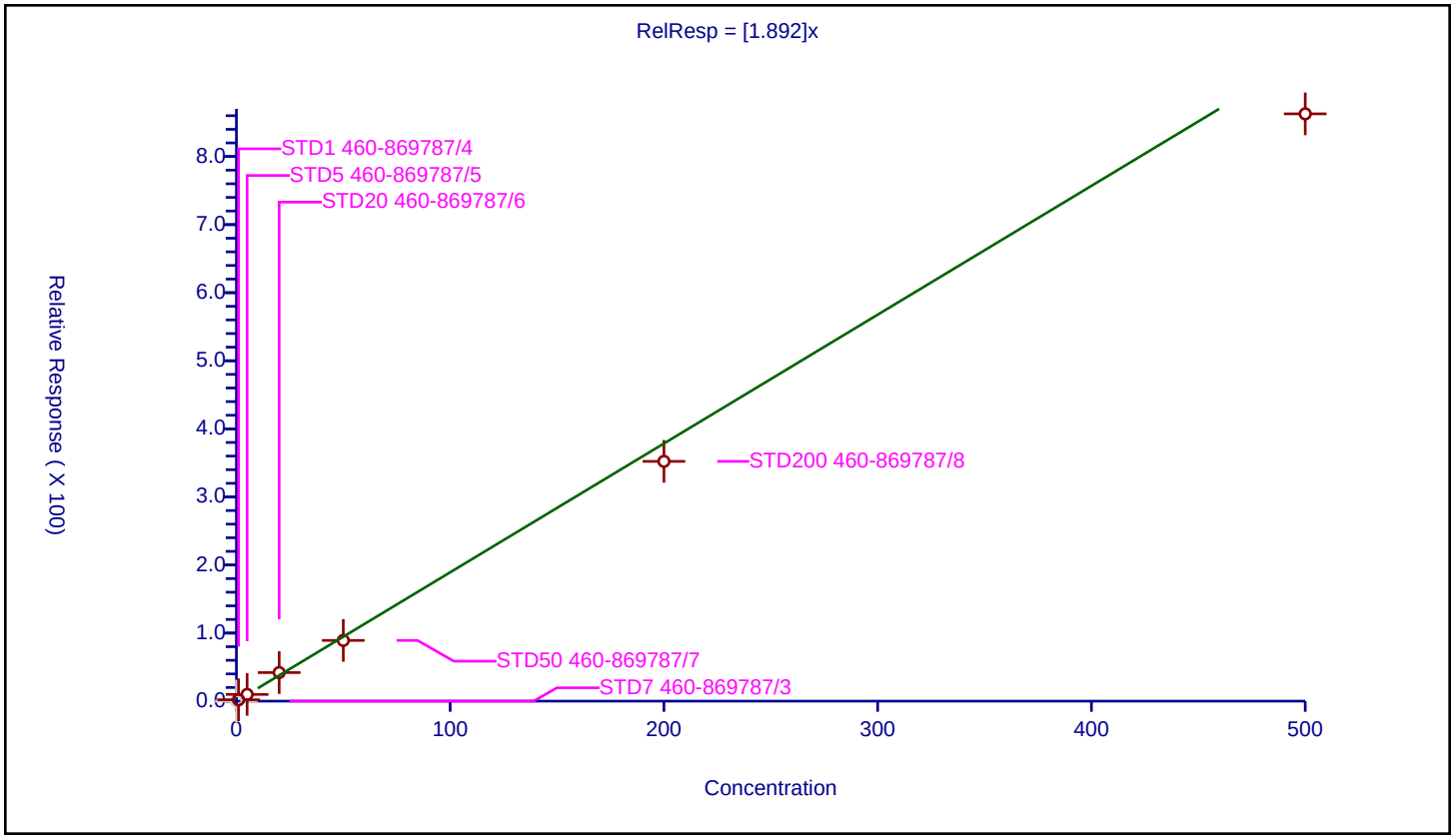
Curve Coefficients

Intercept:	0
Slope:	1.892

Error Coefficients

Standard Error:	2340000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	2.011769	50.0	190156.0	2.011769	Y
3	STD5 460-869787/5	5.0	9.870167	50.0	210579.0	1.974033	Y
4	STD20 460-869787/6	20.0	41.963431	50.0	216137.0	2.098172	Y
5	STD50 460-869787/7	50.0	89.18473	50.0	253327.0	1.783695	Y
6	STD200 460-869787/8	200.0	352.238663	50.0	267079.0	1.761193	Y
7	STD500 460-869787/9	500.0	862.726583	50.0	280912.0	1.725453	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

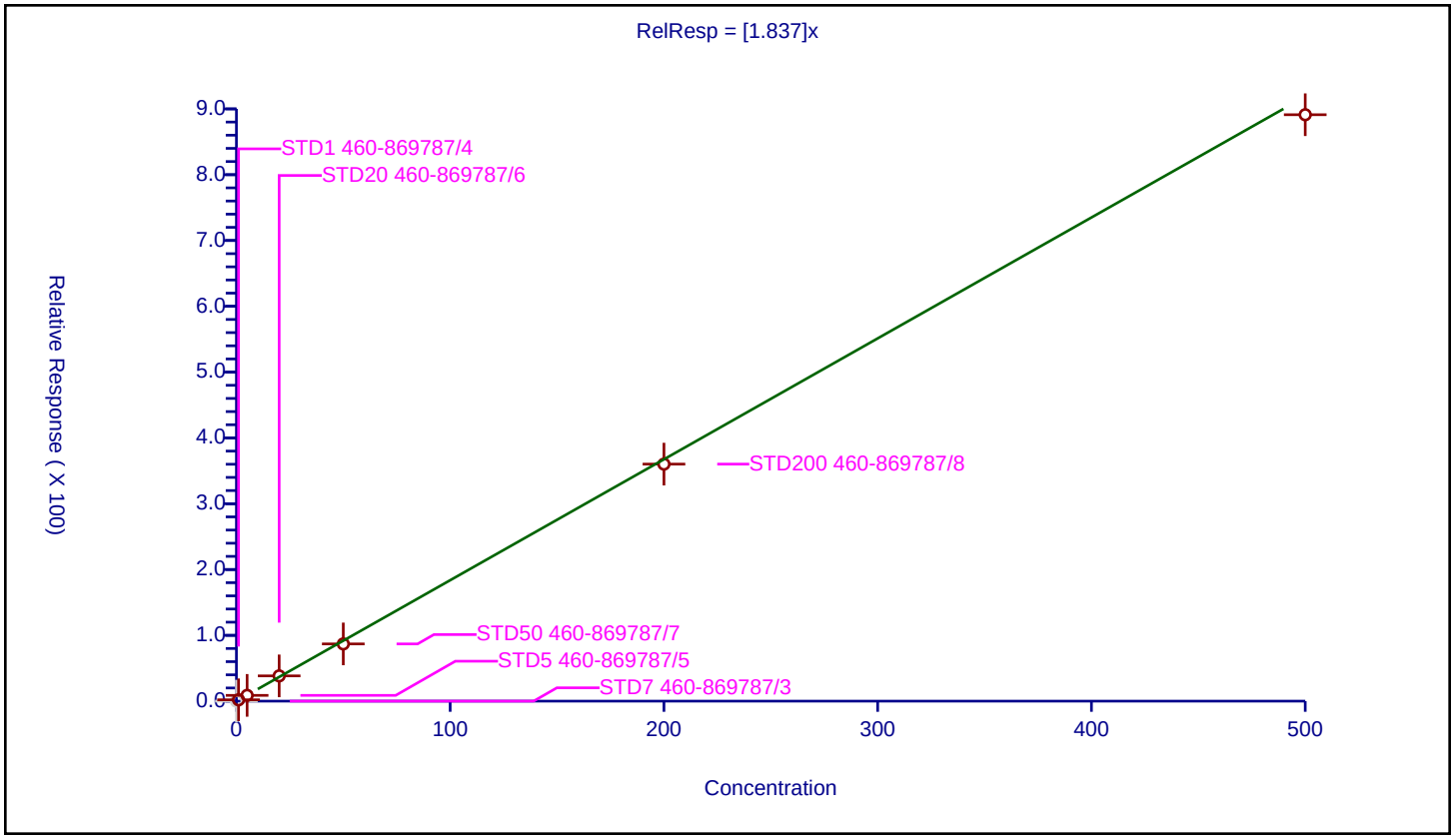
Curve Coefficients

Intercept:	0
Slope:	1.837

Error Coefficients

Standard Error:	2410000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	2.032279	50.0	190156.0	2.032279	Y
3	STD5 460-869787/5	5.0	8.752297	50.0	210579.0	1.750459	Y
4	STD20 460-869787/6	20.0	38.386764	50.0	216137.0	1.919338	Y
5	STD50 460-869787/7	50.0	86.973951	50.0	253327.0	1.739479	Y
6	STD200 460-869787/8	200.0	360.20522	50.0	267079.0	1.801026	Y
7	STD500 460-869787/9	500.0	891.121063	50.0	280912.0	1.782242	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

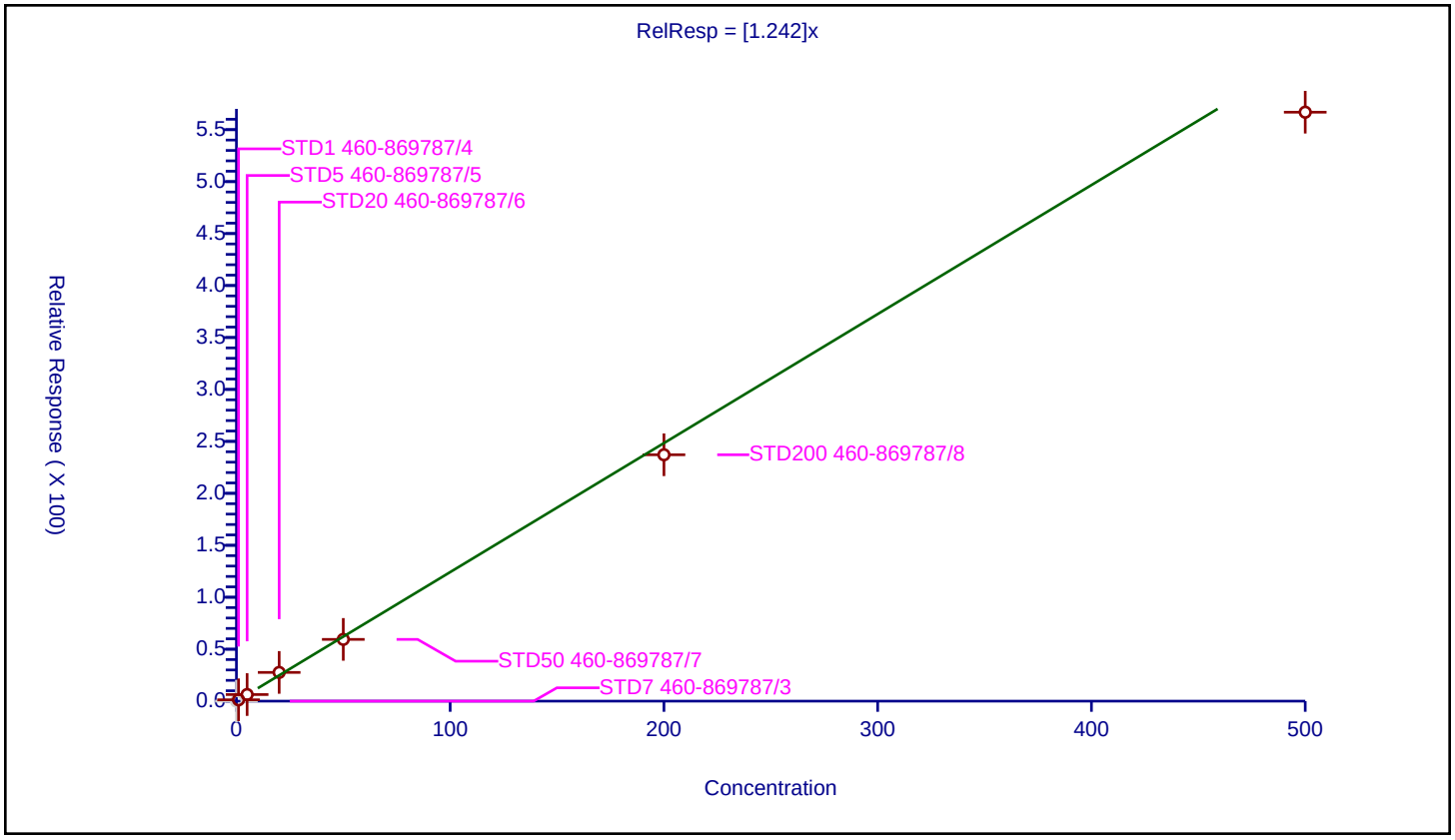
Curve Coefficients

Intercept:	0
Slope:	1.242

Error Coefficients

Standard Error:	1540000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.293149	50.0	190156.0	1.293149	Y
3	STD5 460-869787/5	5.0	6.338951	50.0	210579.0	1.26779	Y
4	STD20 460-869787/6	20.0	27.633631	50.0	216137.0	1.381682	Y
5	STD50 460-869787/7	50.0	59.431486	50.0	253327.0	1.18863	Y
6	STD200 460-869787/8	200.0	237.111679	50.0	267079.0	1.185558	Y
7	STD500 460-869787/9	500.0	566.824664	50.0	280912.0	1.133649	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

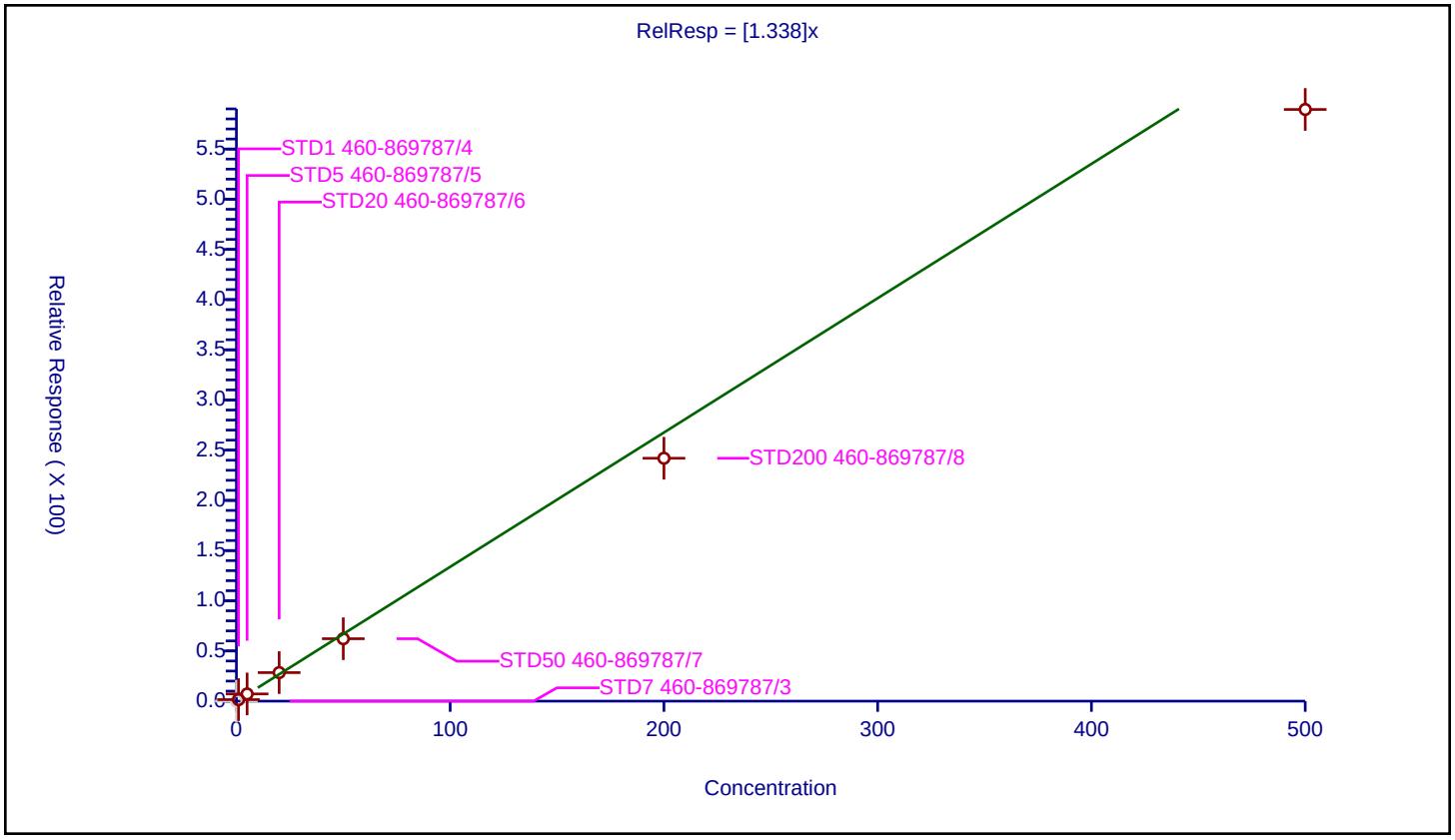
Curve Coefficients

Intercept:	0
Slope:	1.338

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.536633	50.0	190156.0	1.536633	Y
3	STD5 460-869787/5	5.0	7.188988	50.0	210579.0	1.437798	Y
4	STD20 460-869787/6	20.0	28.427109	50.0	216137.0	1.421355	Y
5	STD50 460-869787/7	50.0	62.178528	50.0	253327.0	1.243571	Y
6	STD200 460-869787/8	200.0	241.971664	50.0	267079.0	1.209858	Y
7	STD500 460-869787/9	500.0	589.413233	50.0	280912.0	1.178826	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

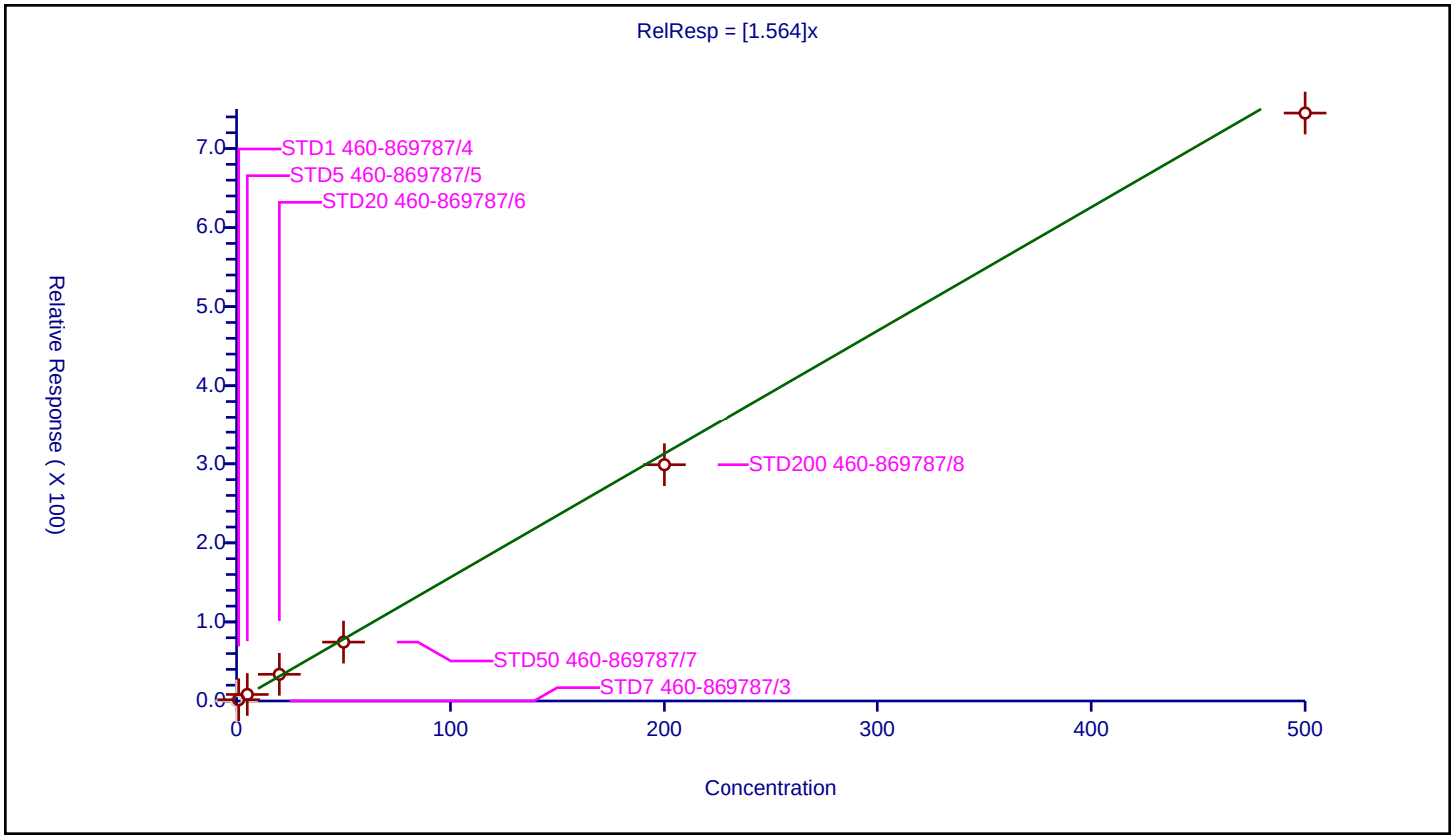
Curve Coefficients

Intercept:	0
Slope:	1.564

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.5766	50.0	190156.0	1.5766	Y
3	STD5 460-869787/5	5.0	8.247261	50.0	210579.0	1.649452	Y
4	STD20 460-869787/6	20.0	33.729301	50.0	216137.0	1.686465	Y
5	STD50 460-869787/7	50.0	74.481994	50.0	253327.0	1.48964	Y
6	STD200 460-869787/8	200.0	298.858577	50.0	267079.0	1.494293	Y
7	STD500 460-869787/9	500.0	744.873306	50.0	280912.0	1.489747	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

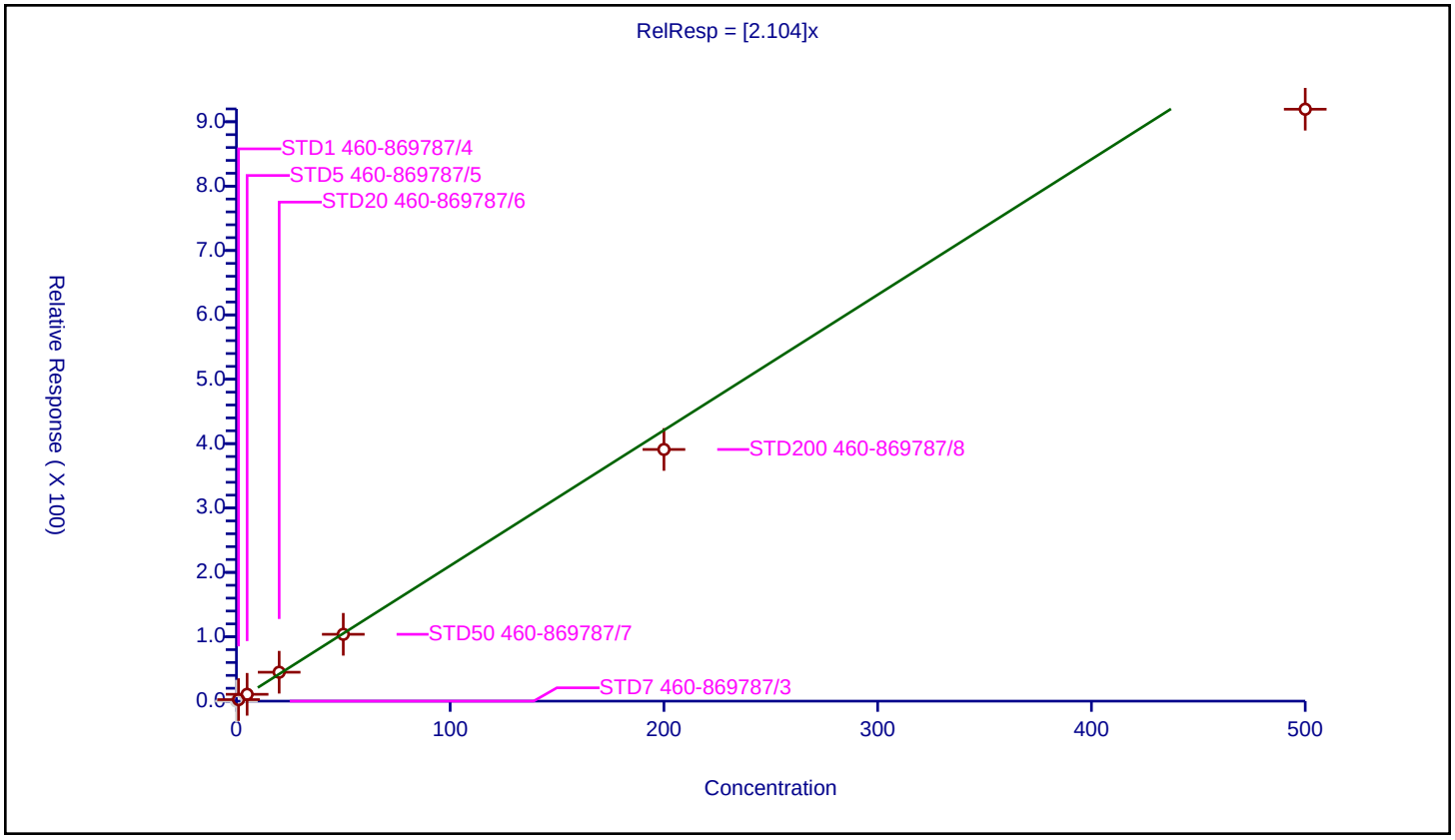
Curve Coefficients

Intercept:	0
Slope:	2.104

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	2.387513	50.0	190156.0	2.387513	Y
3	STD5 460-869787/5	5.0	10.610032	50.0	210579.0	2.122006	Y
4	STD20 460-869787/6	20.0	44.907628	50.0	216137.0	2.245381	Y
5	STD50 460-869787/7	50.0	103.816411	50.0	253327.0	2.076328	Y
6	STD200 460-869787/8	200.0	390.94107	50.0	267079.0	1.954705	Y
7	STD500 460-869787/9	500.0	919.518924	50.0	280912.0	1.839038	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

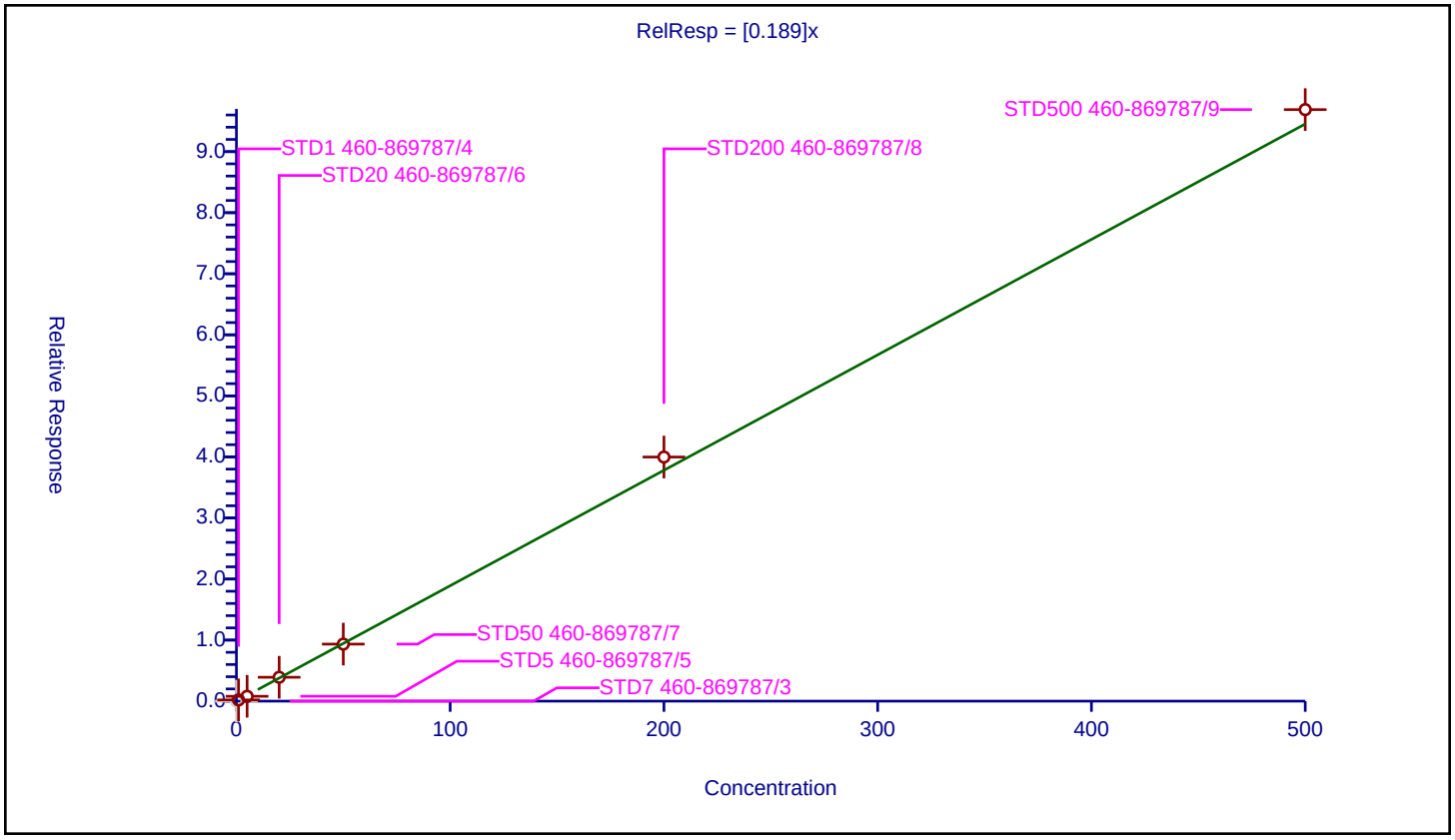
Curve Coefficients

Intercept:	0
Slope:	0.189

Error Coefficients

Standard Error:	262000
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 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.198784	50.0	190156.0	0.198784	Y
3	STD5 460-869787/5	5.0	0.796851	50.0	210579.0	0.15937	Y
4	STD20 460-869787/6	20.0	3.912565	50.0	216137.0	0.195628	Y
5	STD50 460-869787/7	50.0	9.343063	50.0	253327.0	0.186861	Y
6	STD200 460-869787/8	200.0	39.976748	50.0	267079.0	0.199884	Y
7	STD500 460-869787/9	500.0	96.884256	50.0	280912.0	0.193769	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

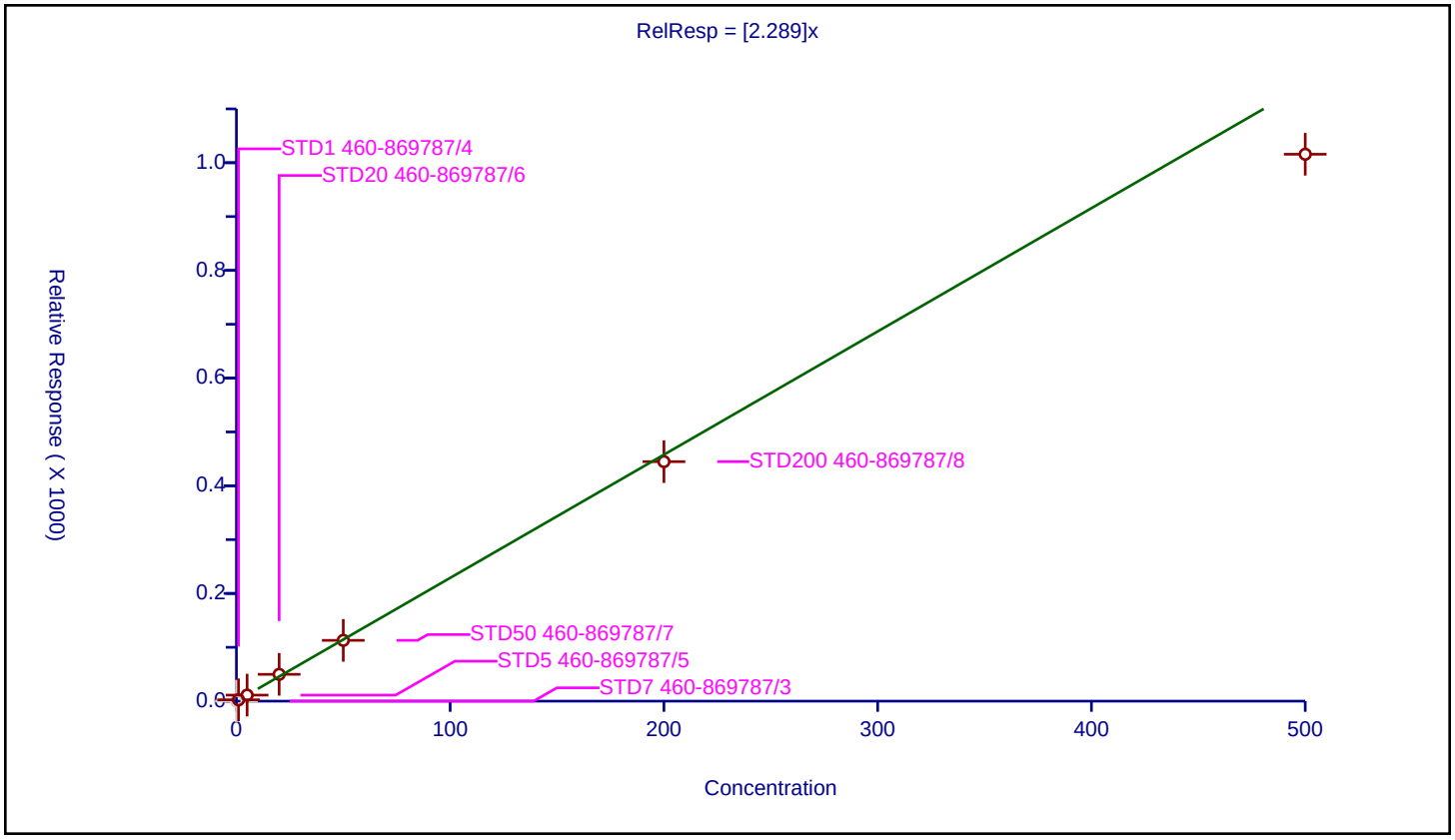
Curve Coefficients

Intercept:	0
Slope:	2.289

Error Coefficients

Standard Error:	2780000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	2.489009	50.0	190156.0	2.489009	Y
3	STD5 460-869787/5	5.0	11.210045	50.0	210579.0	2.242009	Y
4	STD20 460-869787/6	20.0	49.767509	50.0	216137.0	2.488375	Y
5	STD50 460-869787/7	50.0	112.93131	50.0	253327.0	2.258626	Y
6	STD200 460-869787/8	200.0	444.856578	50.0	267079.0	2.224283	Y
7	STD500 460-869787/9	500.0	1015.738203	50.0	280912.0	2.031476	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

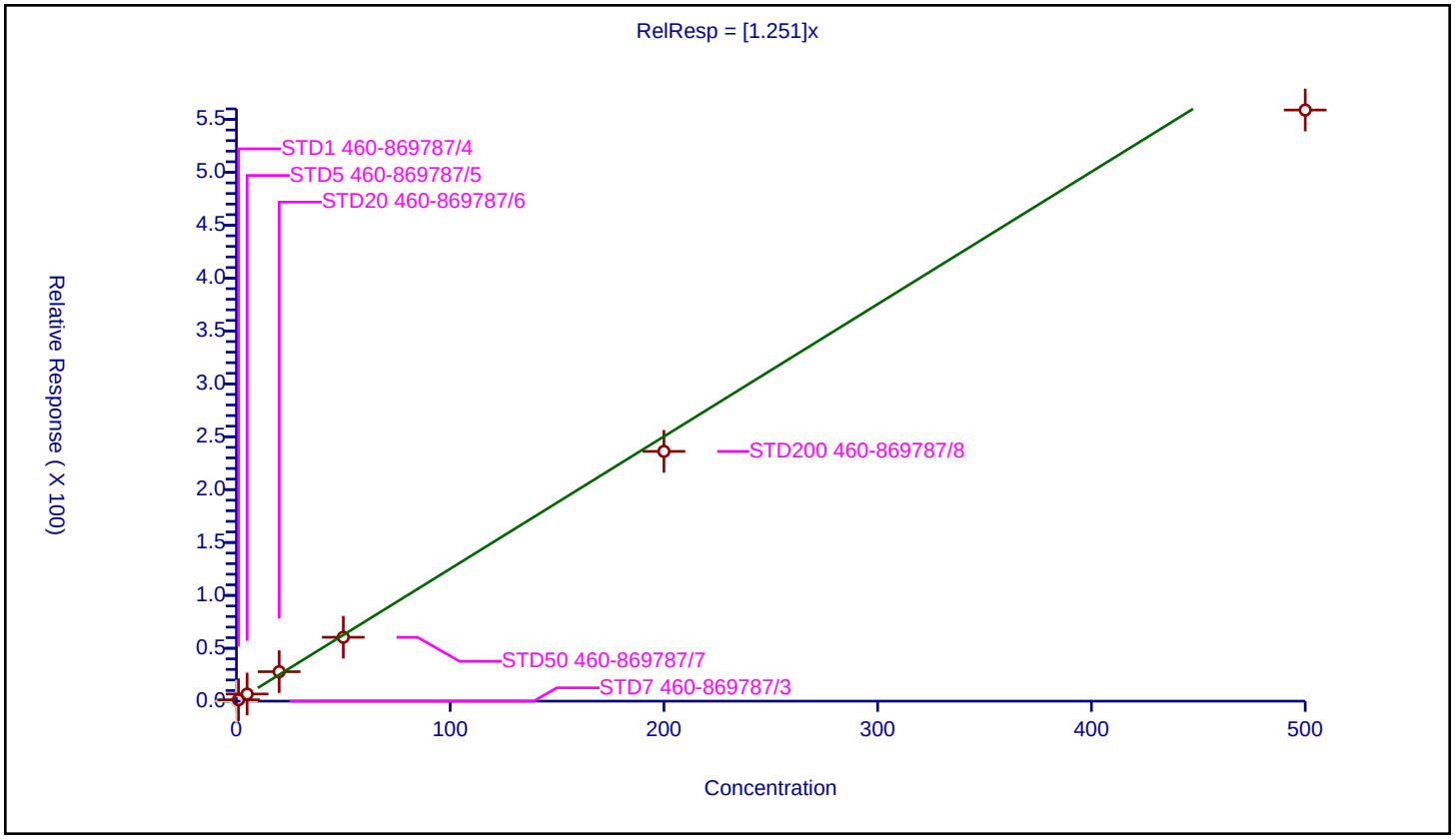
Curve Coefficients

Intercept:	0
Slope:	1.251

Error Coefficients

Standard Error:	1520000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.262122	50.0	190156.0	1.262122	Y
3	STD5 460-869787/5	5.0	6.730016	50.0	210579.0	1.346003	Y
4	STD20 460-869787/6	20.0	27.849235	50.0	216137.0	1.392462	Y
5	STD50 460-869787/7	50.0	60.4148	50.0	253327.0	1.208296	Y
6	STD200 460-869787/8	200.0	236.167576	50.0	267079.0	1.180838	Y
7	STD500 460-869787/9	500.0	558.925749	50.0	280912.0	1.117851	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

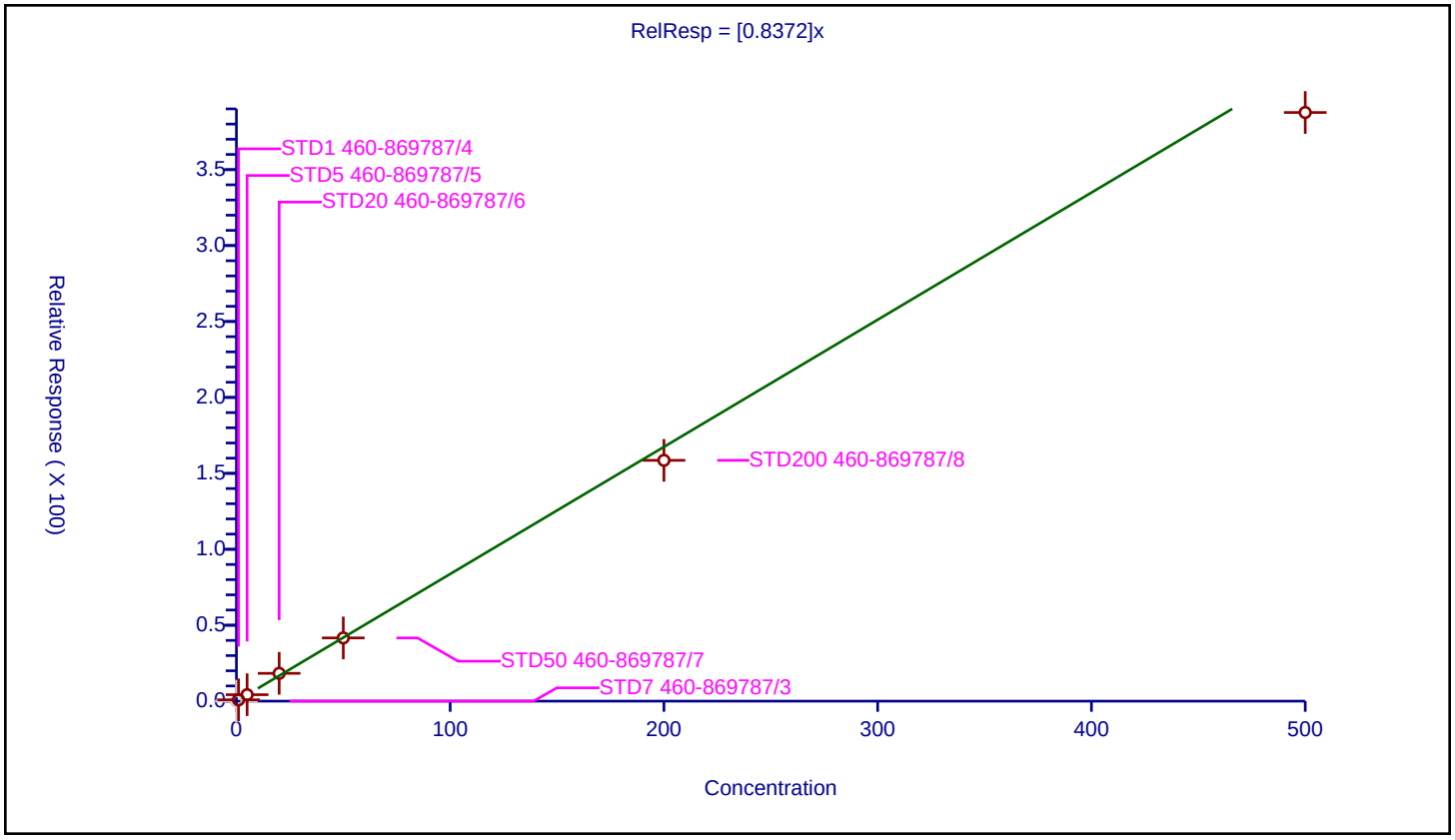
Curve Coefficients

Intercept:	0
Slope:	0.8372

Error Coefficients

Standard Error:	1050000
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	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.860346	50.0	190156.0	0.860346	Y
3	STD5 460-869787/5	5.0	4.237365	50.0	210579.0	0.847473	Y
4	STD20 460-869787/6	20.0	18.293258	50.0	216137.0	0.914663	Y
5	STD50 460-869787/7	50.0	41.630975	50.0	253327.0	0.832619	Y
6	STD200 460-869787/8	200.0	158.568626	50.0	267079.0	0.792843	Y
7	STD500 460-869787/9	500.0	387.63741	50.0	280912.0	0.775275	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

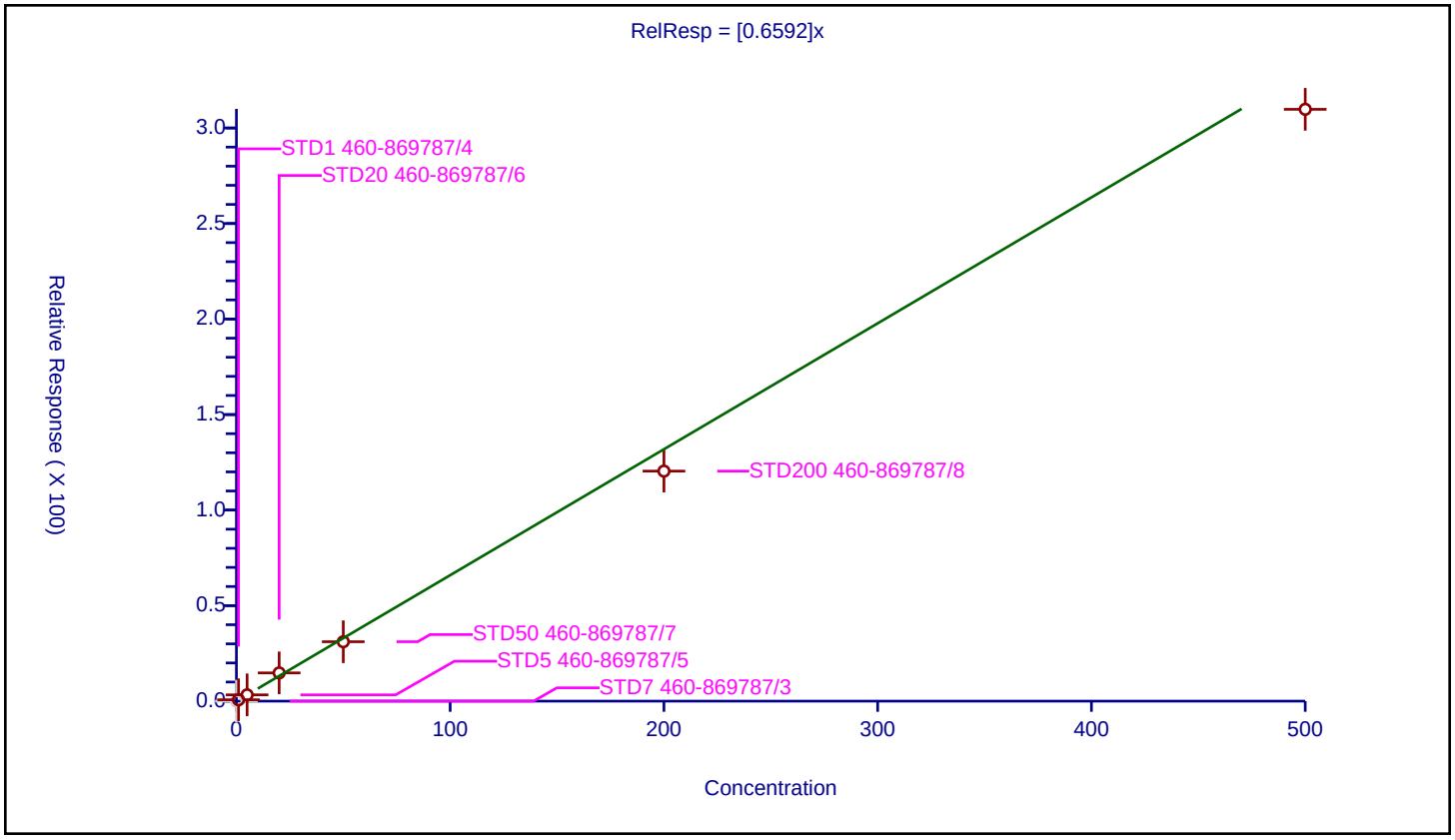
Curve Coefficients

Intercept:	0
Slope:	0.6592

Error Coefficients

Standard Error:	833000
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 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.713888	50.0	190156.0	0.713888	Y
3	STD5 460-869787/5	5.0	3.293776	50.0	210579.0	0.658755	Y
4	STD20 460-869787/6	20.0	14.782522	50.0	216137.0	0.739126	Y
5	STD50 460-869787/7	50.0	31.096172	50.0	253327.0	0.621923	Y
6	STD200 460-869787/8	200.0	120.404262	50.0	267079.0	0.602021	Y
7	STD500 460-869787/9	500.0	309.782779	50.0	280912.0	0.619566	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

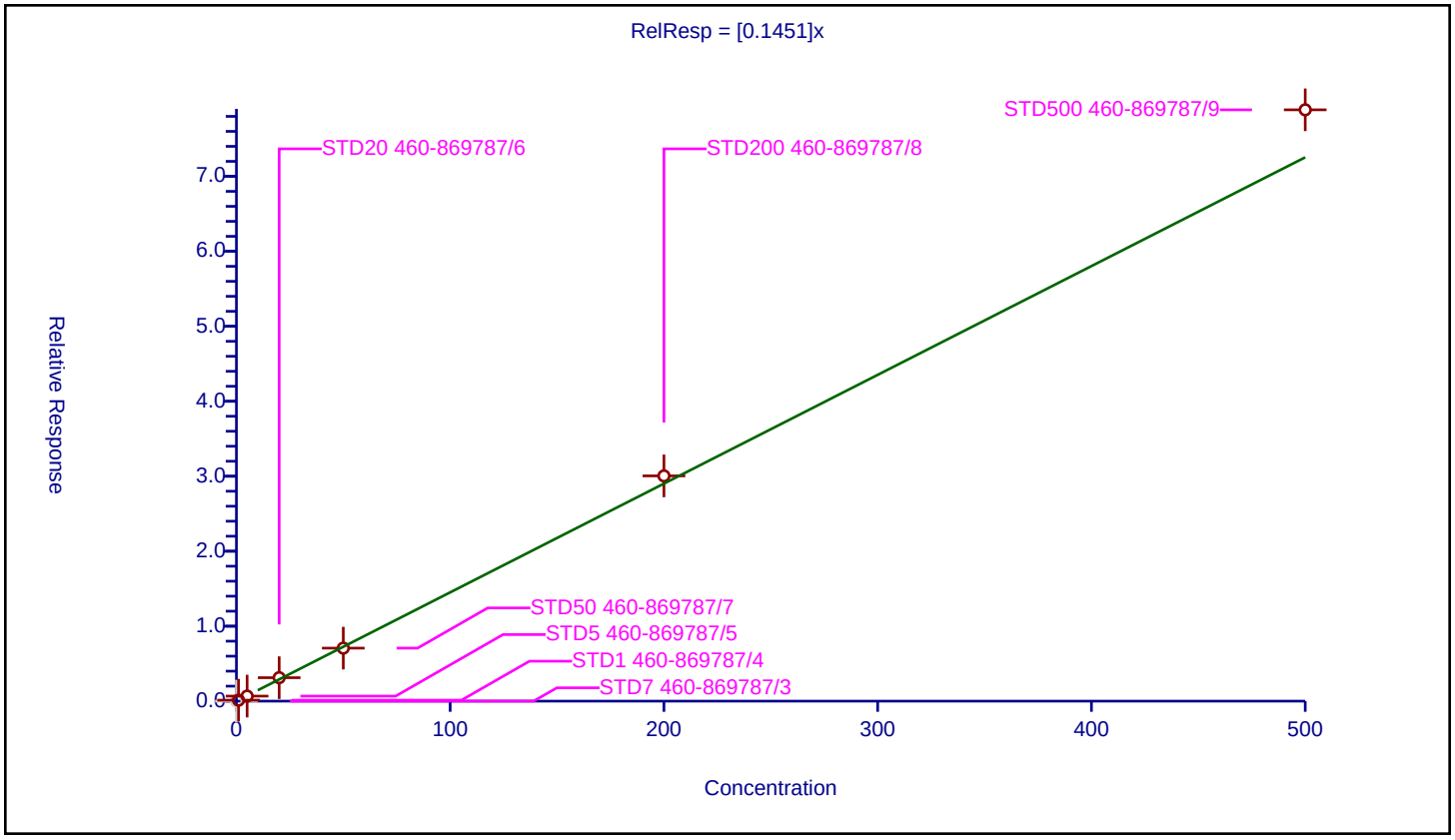
Curve Coefficients

Intercept:	0
Slope:	0.1451

Error Coefficients

Standard Error:	211000
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 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.130156	50.0	190156.0	0.130156	Y
3	STD5 460-869787/5	5.0	0.672907	50.0	210579.0	0.134581	Y
4	STD20 460-869787/6	20.0	3.126721	50.0	216137.0	0.156336	Y
5	STD50 460-869787/7	50.0	7.071098	50.0	253327.0	0.141422	Y
6	STD200 460-869787/8	200.0	30.047102	50.0	267079.0	0.150236	Y
7	STD500 460-869787/9	500.0	78.875947	50.0	280912.0	0.157752	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

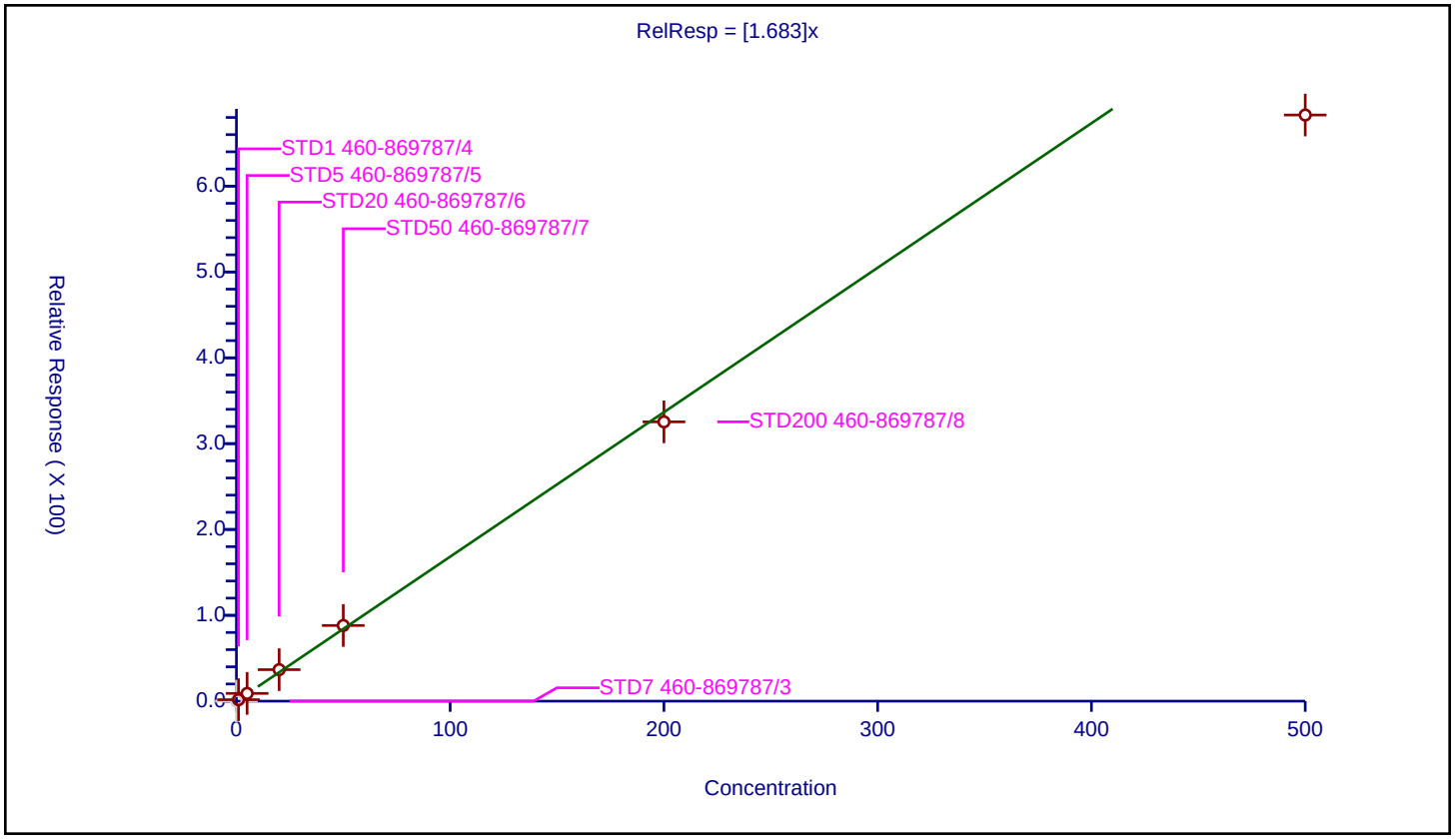
Curve Coefficients

Intercept:	0
Slope:	1.683

Error Coefficients

Standard Error:	1900000
Relative Standard Error:	10.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.704916	50.0	190156.0	1.704916	Y
3	STD5 460-869787/5	5.0	9.017518	50.0	210579.0	1.803504	Y
4	STD20 460-869787/6	20.0	36.70496	50.0	216137.0	1.835248	Y
5	STD50 460-869787/7	50.0	88.142204	50.0	253327.0	1.762844	Y
6	STD200 460-869787/8	200.0	325.389117	50.0	267079.0	1.626946	Y
7	STD500 460-869787/9	500.0	682.867232	50.0	280912.0	1.365734	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

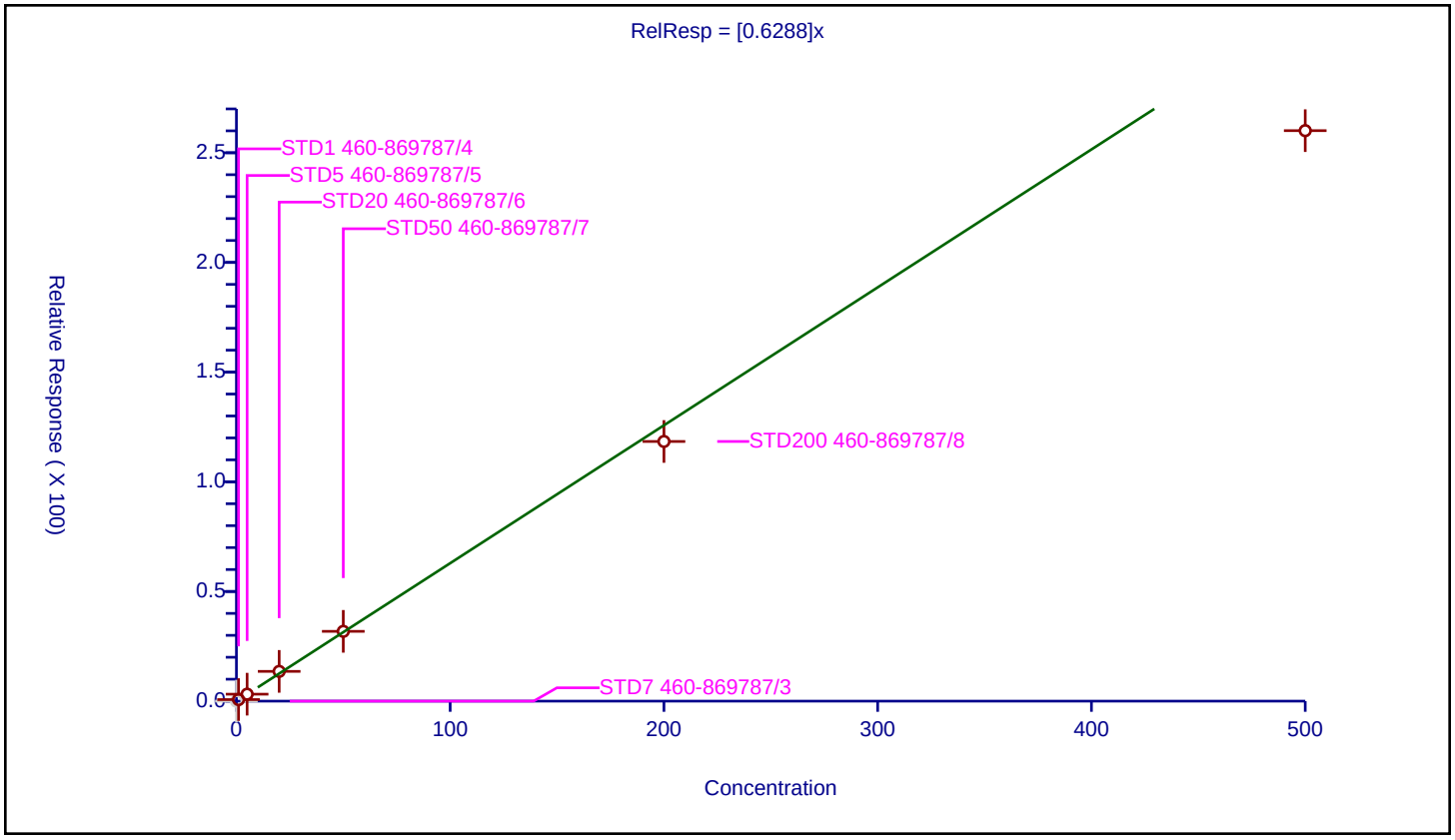
Curve Coefficients

Intercept:	0
Slope:	0.6288

Error Coefficients

Standard Error:	716000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.709943	50.0	190156.0	0.709943	Y
3	STD5 460-869787/5	5.0	3.179329	50.0	210579.0	0.635866	Y
4	STD20 460-869787/6	20.0	13.568709	50.0	216137.0	0.678435	Y
5	STD50 460-869787/7	50.0	31.815795	50.0	253327.0	0.636316	Y
6	STD200 460-869787/8	200.0	118.382576	50.0	267079.0	0.591913	Y
7	STD500 460-869787/9	500.0	260.079135	50.0	280912.0	0.520158	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

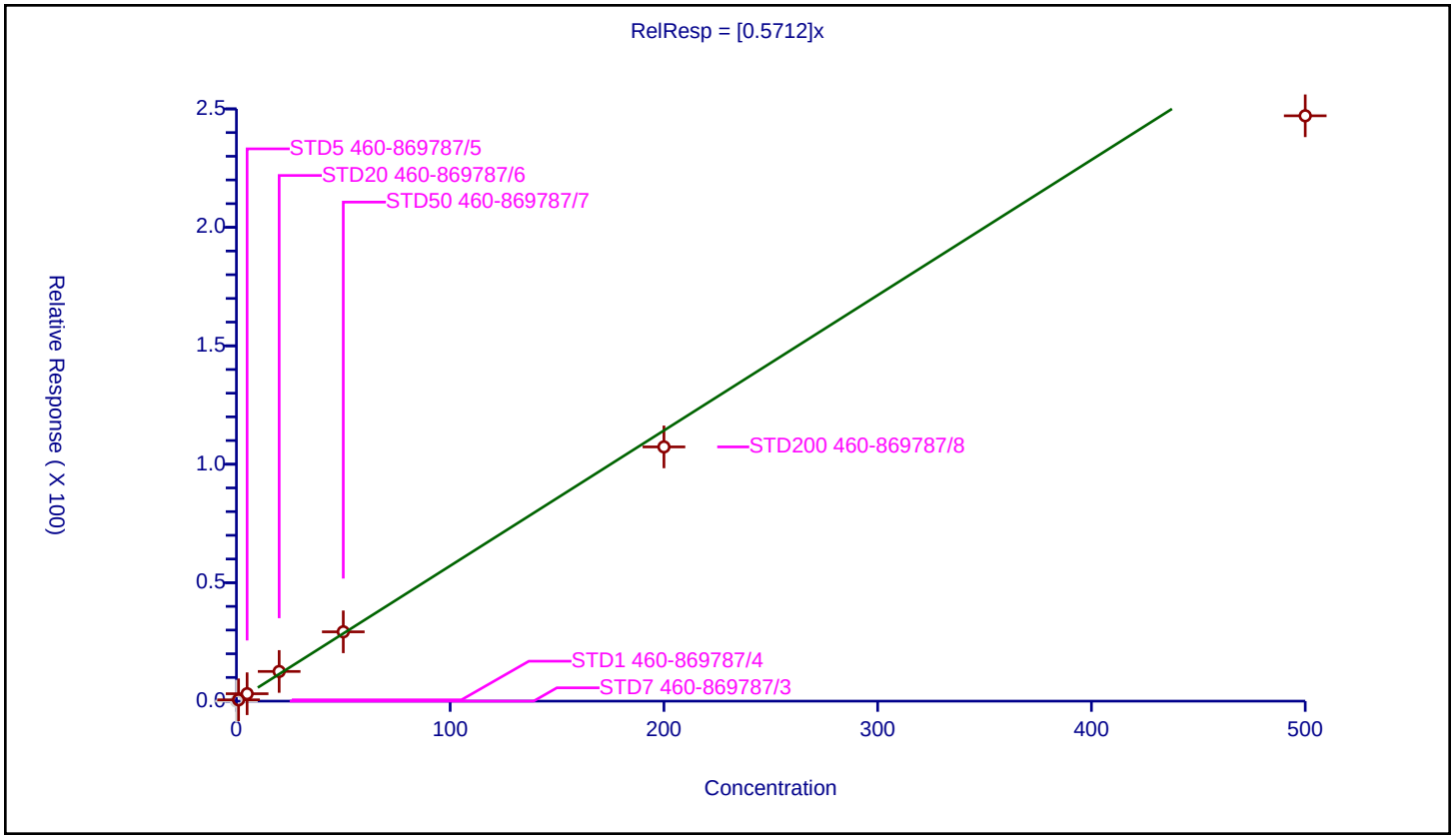
Curve Coefficients

Intercept:	0
Slope:	0.5712

Error Coefficients

Standard Error:	675000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.558489	50.0	190156.0	0.558489	Y
3	STD5 460-869787/5	5.0	3.131129	50.0	210579.0	0.626226	Y
4	STD20 460-869787/6	20.0	12.527702	50.0	216137.0	0.626385	Y
5	STD50 460-869787/7	50.0	29.264942	50.0	253327.0	0.585299	Y
6	STD200 460-869787/8	200.0	107.320306	50.0	267079.0	0.536602	Y
7	STD500 460-869787/9	500.0	247.090726	50.0	280912.0	0.494181	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

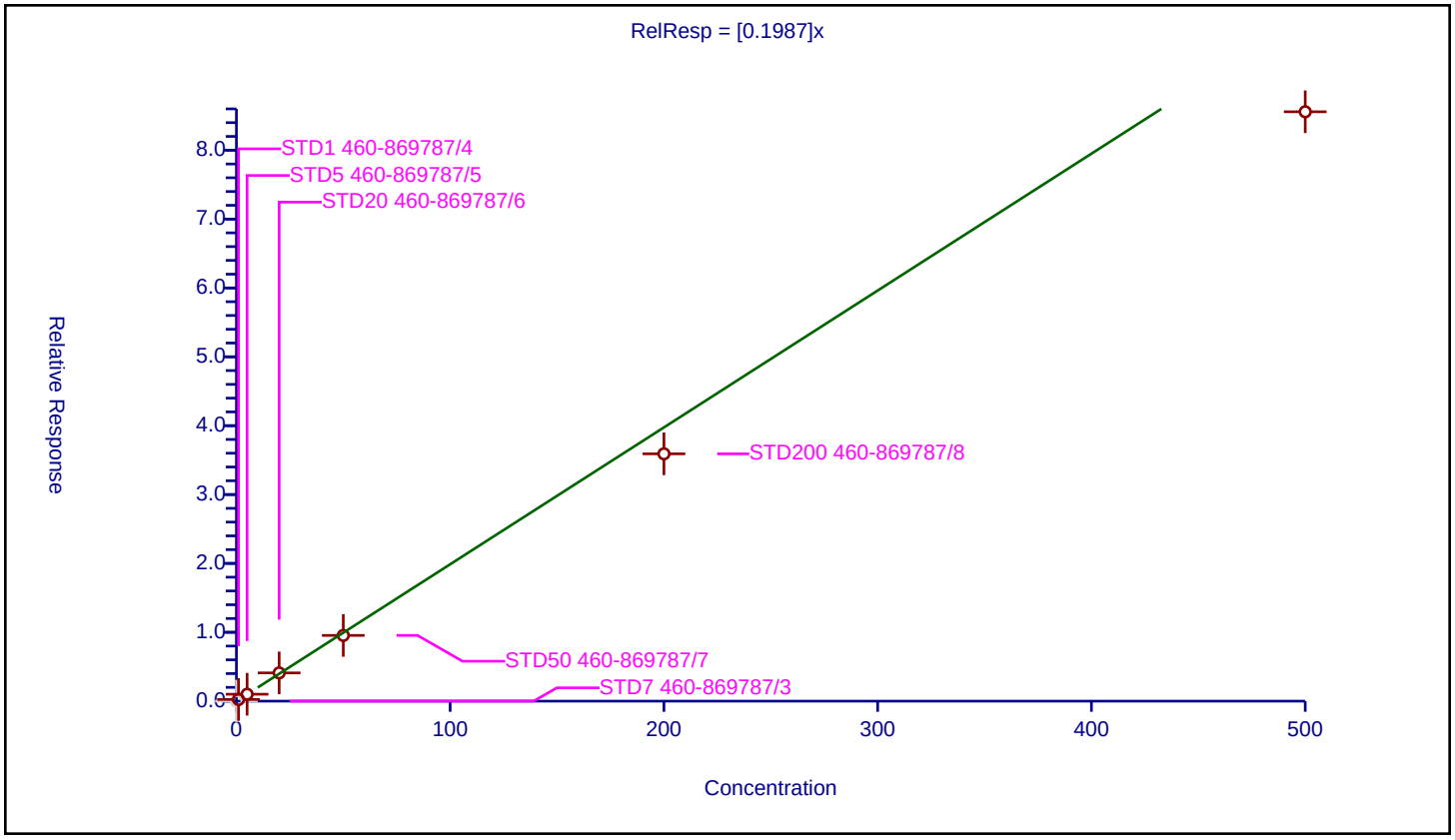
Curve Coefficients

Intercept:	0
Slope:	0.1987

Error Coefficients

Standard Error:	233000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.245325	50.0	190156.0	0.245325	Y
3	STD5 460-869787/5	5.0	1.002712	50.0	210579.0	0.200542	Y
4	STD20 460-869787/6	20.0	4.101103	50.0	216137.0	0.205055	Y
5	STD50 460-869787/7	50.0	9.54162	50.0	253327.0	0.190832	Y
6	STD200 460-869787/8	200.0	35.912034	50.0	267079.0	0.17956	Y
7	STD500 460-869787/9	500.0	85.580716	50.0	280912.0	0.171161	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

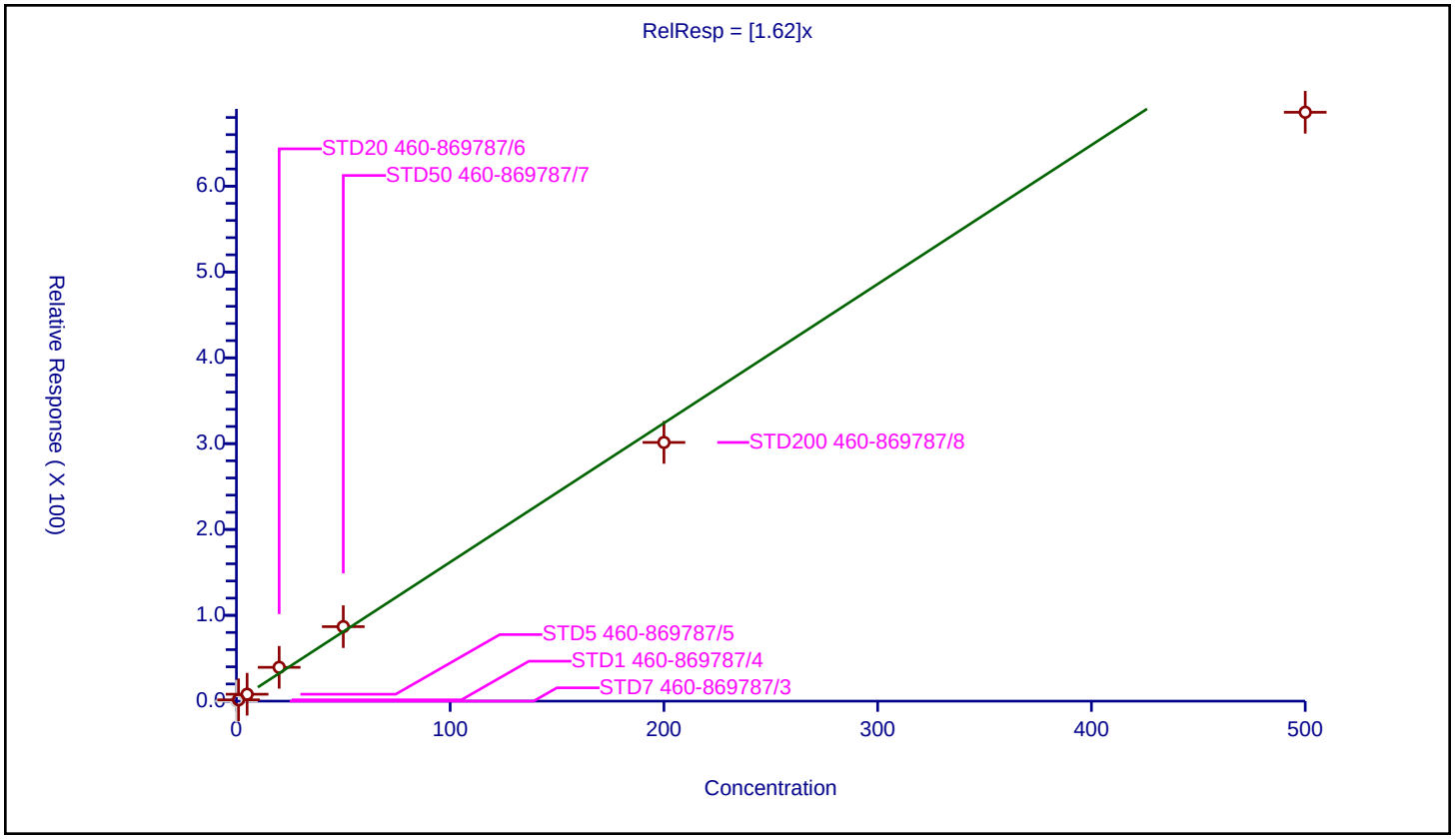
Curve Coefficients

Intercept:	0
Slope:	1.62

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	12.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	1.524801	50.0	190156.0	1.524801	Y
3	STD5 460-869787/5	5.0	8.045912	50.0	210579.0	1.609182	Y
4	STD20 460-869787/6	20.0	39.384048	50.0	216137.0	1.969202	Y
5	STD50 460-869787/7	50.0	86.78763	50.0	253327.0	1.735753	Y
6	STD200 460-869787/8	200.0	301.407823	50.0	267079.0	1.507039	Y
7	STD500 460-869787/9	500.0	686.073219	50.0	280912.0	1.372146	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

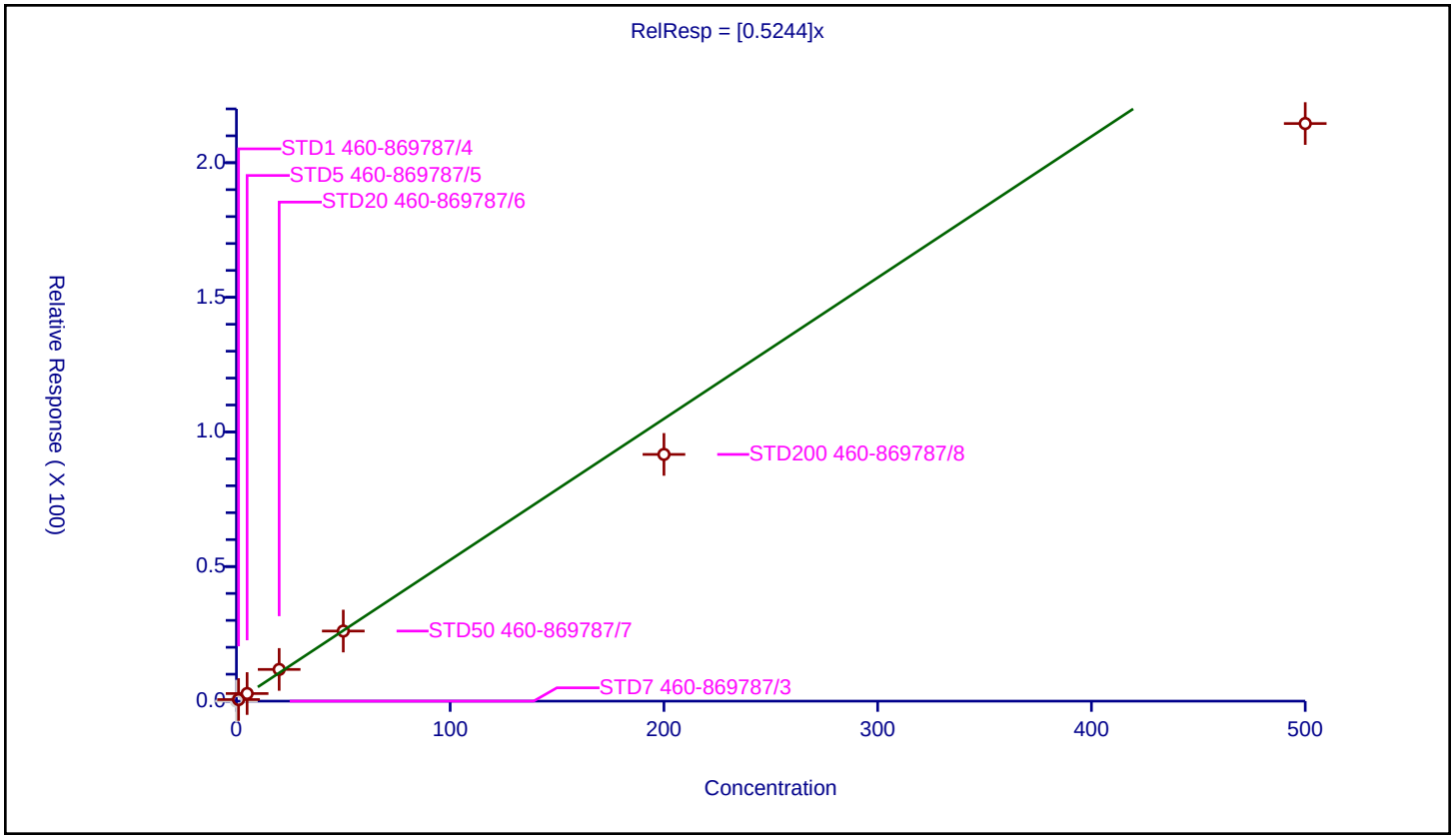
Curve Coefficients

Intercept:	0
Slope:	0.5244

Error Coefficients

Standard Error:	585000
Relative Standard Error:	12.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-869787/3	0.0	0.0	50.0	200777.0	NaN	N
2	STD1 460-869787/4	1.0	0.584783	50.0	190156.0	0.584783	Y
3	STD5 460-869787/5	5.0	2.823169	50.0	210579.0	0.564634	Y
4	STD20 460-869787/6	20.0	11.776327	50.0	216137.0	0.588816	Y
5	STD50 460-869787/7	50.0	26.038875	50.0	253327.0	0.520777	Y
6	STD200 460-869787/8	200.0	91.650411	50.0	267079.0	0.458252	Y
7	STD500 460-869787/9	500.0	214.560966	50.0	280912.0	0.429122	Y



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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-873073/3	O82987.d
Level 2	STD1 460-873073/4	O82988.d
Level 3	STD5 460-873073/5	O82989.d
Level 4	STD20 460-873073/6	O82990.d
Level 5	STD50 460-873073/7	O82991.d
Level 6	STD200 460-873073/8	O82992.d
Level 7	STD500 460-873073/9	O82993.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	+++++ 2.0095	3.3181 2.2509	2.4747	2.5583	2.7584	Ave		2.5616				17.6		20.0			
Dichlorodifluoromethane	+++++ 0.3700	0.3114 0.3844	0.3122	0.3531	0.3334	Ave		0.3441			0.1000	8.8		20.0			
Chlorodifluoromethane	+++++ 0.0492	0.0752 0.0552	0.0552	0.0524	0.0547	Ave		0.0570				16.1		20.0			
Chloromethane	+++++ 0.2630	0.2670 0.3058	0.2505	0.2444	0.2492	Ave		0.2633			0.1000	8.6		20.0			
Vinyl chloride	+++++ 0.2465	0.2244 0.2659	0.2266	0.2363	0.2328	Ave		0.2388			0.1000	6.5		20.0			
Butadiene	0.1978 0.2363	0.1317 +++++	0.1574	0.1785	0.1993	Ave		0.1835				19.8		20.0			
Bromomethane	+++++ 0.1603	0.2676 0.0903	0.2078	0.1846	0.1384	QuaF		0.1988	-0.000216		0.1000				0.9960		0.9900
Chloroethane	+++++ 0.1700	0.1736 0.1730	0.1645	0.1577	0.1670	Ave		0.1676			0.1000	3.6		20.0			
Dichlorofluoromethane	+++++ 0.4242	0.4539 0.4558	0.4267	0.4211	0.4318	Ave		0.4356				3.5		20.0			
Trichlorofluoromethane	+++++ 0.3751	0.2903 0.3966	0.2928	0.3334	0.3395	Ave		0.3379			0.1000	12.7		20.0			
Pentane	+++++ 0.0385	0.0468 0.0446	0.0327	0.0431	0.0442	Ave		0.0417				12.4		20.0			
Ethanol	+++++ 0.0710	0.0970 0.0631	0.1045	0.0927	0.0983	Ave		0.0878				19.0		20.0			
Ethyl ether	+++++ 0.1471	0.1408 0.1677	0.1295	0.1252	0.1287	Ave		0.1398				11.4		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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2102	0.2006 0.2276	0.1923	0.1818	0.1862	Ave		0.1998				8.5		20.0			
2-Methyl-1,3-butadiene	+++++ 0.1868	0.1722 0.2042	0.1548	0.1775	0.1862	Ave		0.1803				9.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3095	0.2653 0.3636	0.2645	0.2610	0.2616	Ave		0.2876				14.5		20.0			
Acrolein	+++++ 2.1067	0.8690 2.0446	1.1480	1.4492	1.9401	QuaF		1.9948	0.0001459						0.9980		0.9900
1,1-Dichloroethene	+++++ 0.2127	0.2045 0.2336	0.1570	0.1816	0.1953	Ave		0.1974			0.1000	13.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2002	0.2036 0.2200	0.1836	0.2030	0.2016	Ave		0.2020			0.1000	5.7		20.0			
Acetone	+++++ 0.2274	0.2452 0.2753	0.1809	0.1872	0.2305	Ave		0.2244			0.0500	15.9		20.0			
Iodomethane	+++++ 0.3884	0.4123 0.3959	0.3807	0.4168	0.4352	Ave		0.4049				5.0		20.0			
Carbon disulfide	+++++ 0.7153	0.7850 0.7777	0.6831	0.7564	0.7858	Ave		0.7506			0.1000	5.7		20.0			
Isopropyl alcohol	+++++ 0.7012	0.7841 0.7189	0.5365	0.4654	0.5999	Ave		0.6343				19.1		20.0			
3-Chloro-1-propene	+++++ 0.1525	0.1243 0.1668	0.1335	0.1383	0.1443	Ave		0.1433				10.5		20.0			
Acetonitrile	+++++ 0.6159	0.8528 0.5105	0.6658	0.6945	0.8201	Ave		0.6933				18.4		20.0			
Methyl acetate	+++++ 7.1342	3.3900 8.0773	4.1349	4.7613	5.4770	Qua2	-3.391	4.9673	0.0034381		0.1000				0.9940		0.9900
Cyclopentene	+++++ 0.5119	0.3694 +++++	0.3309	0.3793	0.3830	Ave		0.3949				17.4		20.0			
Methylene Chloride	+++++ 0.2479	0.3024 0.2728	0.2807	0.2774	0.2759	Ave		0.2762			0.1000	6.3		20.0			
2-Methyl-2-propanol	+++++ 1.0640	1.5530 1.1045	1.2813	1.0744	1.0844	Ave		1.1936				16.2		20.0			
Acrylonitrile	0.0360 0.0556	0.0282 0.0669	0.0323	0.0415	0.0474	QuaF		0.0475	0.0000039						1.0000		0.9900
trans-1,2-Dichloroethene	+++++ 0.2400	0.2264 0.2629	0.2007	0.2068	0.2158	Ave		0.2254			0.1000	10.3		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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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								
Methyl tert-butyl ether	+++++ 0.5498	0.5773 0.6064	0.5649	0.5200	0.5045	Ave		0.5538			0.1000	6.8		20.0			
Hexane	+++++ 0.1683	0.1688 0.1923	0.1648	0.1926	0.1995	Ave		0.1811				8.5		20.0			
1,1-Dichloroethane	+++++ 0.4094	0.3902 0.4597	0.3701	0.3730	0.3805	Ave		0.3972			0.2000	8.5		20.0			
Vinyl acetate	+++++ 0.8056	0.6831 0.6933	0.8432	0.8394	0.7979	Ave		0.7771				9.2		20.0			
Isopropyl ether	+++++ 0.6092	0.5684 0.6345	0.5983	0.6293	0.6310	Ave		0.6118				4.2		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2378	0.2049 0.2584	0.1935	0.2290	0.2357	Ave		0.2266				10.4		20.0			
Tert-butyl ethyl ether	+++++ 0.6795	0.6260 0.7370	0.6064	0.6531	0.6840	Ave		0.6643				7.0		20.0			
2,2-Dichloropropane	+++++ 0.0846	0.0907 0.0922	0.0777	0.0789	0.0816	Ave		0.0843				7.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.2637	0.2225 0.2956	0.2250	0.2243	0.2302	Ave		0.2435			0.1000	12.2		20.0			
2-Butanone (MEK)	+++++ 0.3219	0.3610 0.3509	0.3946	0.3281	0.3705	Ave		0.3545			0.0500	7.7		20.0			
Propionitrile	+++++ 1.9302	0.9811 1.8939	1.6346	1.7829	2.1769	Lin2	-9.845	1.9428							0.9950		0.9900
Ethyl acetate	+++++ 0.3078	0.3134 0.3364	0.3686	0.3748	0.3537	Ave		0.3424				8.2		20.0			
Methyl acrylate	+++++ 0.1431	0.1136 0.1629	0.1219	0.1221	0.1302	Ave		0.1323				13.6		20.0			
Methacrylonitrile	+++++ 0.0629	0.0410 +++++	0.0525	0.0516	0.0513	Ave		0.0519				15.0		20.0			
Chlorobromomethane	+++++ 0.1242	0.1057 0.1262	0.1176	0.1200	0.1278	Ave		0.1203				6.7		20.0			
Tetrahydrofuran	+++++ 0.6465	0.5855 0.7697	0.5790	0.6388	0.6369	Ave		0.6427				10.7		20.0			
Chloroform	+++++ 0.4128	0.3972 0.4679	0.3774	0.3695	0.3785	Ave		0.4005			0.2000	9.1		20.0			
1,1,1-Trichloroethane	+++++ 0.3824	0.3927 0.4239	0.3602	0.3651	0.3664	Ave		0.3818			0.1000	6.3		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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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								
Cyclohexane	+++++ 0.2799	0.2880 0.3150	0.2573	0.2957	0.3040	Ave		0.2900			0.1000	6.9		20.0			
Carbon tetrachloride	+++++ 0.3034	0.2409 0.3400	0.2389	0.2809	0.2941	Ave		0.2830			0.1000	13.7		20.0			
1,1-Dichloropropene	+++++ 0.3248	0.3343 0.3472	0.2954	0.3447	0.3411	Ave		0.3313				5.8		20.0			
Isobutyl alcohol	+++++ 0.4656	+++++ 0.4593	0.4458	0.4028	0.4849	Ave		0.4517				6.8		20.0			
Benzene	+++++ 1.1935	1.3513 1.1741	1.3843	1.2809	1.3397	Ave		1.2873			0.5000	6.8		20.0			
1,2-Dichloroethane	+++++ 0.2913	0.2927 0.3223	0.2755	0.2787	0.2760	Ave		0.2894			0.1000	6.1		20.0			
Isooctane	+++++ 0.3448	0.3937 0.4059	0.3353	0.3799	0.3920	Ave		0.3753				7.6		20.0			
Isopropyl acetate	+++++ 0.0666	0.0429 0.0722	0.0523	0.0596	0.0624	Ave		0.0593				17.7		20.0			
Tert-amyl methyl ether	+++++ 0.6398	0.6092 0.6886	0.6201	0.6523	0.6534	Ave		0.6439				4.4		20.0			
n-Heptane	+++++ 0.1122	0.1255 0.1320	0.1110	0.1310	0.1351	Ave		0.1245				8.4		20.0			
Trichloroethene	+++++ 0.2510	0.2588 0.2748	0.2196	0.2585	0.2730	Ave		0.2559			0.2000	7.8		20.0			
n-Butanol	+++++ 0.3521	+++++ 0.3388	+++++	0.2488	0.3406	Ave		0.3201				15.0		20.0			
Ethyl acrylate	+++++ 0.3931	0.1495 0.4361	0.2931	0.3755	0.4073	Lin2	-0.259	0.3975							0.9930		0.9900
Methylcyclohexane	+++++ 0.2460	0.2443 0.2776	0.2138	0.2746	0.2874	Ave		0.2573			0.1000	10.7		20.0			
1,2-Dichloropropane	+++++ 0.2318	0.1921 0.2591	0.2182	0.2324	0.2382	Ave		0.2286			0.1000	9.8		20.0			
Dibromomethane	+++++ 0.1336	0.1222 0.1507	0.1232	0.1297	0.1277	Ave		0.1312				7.9		20.0			
1,4-Dioxane	+++++ 1.0115	0.8809 0.9920	1.3850	1.0275	1.1175	Ave		1.0691				16.1		20.0			
Methyl methacrylate	+++++ 0.0599	0.0487 0.0628	0.0400	0.0559	0.0618	Ave		0.0549				16.2		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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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	+++++ 0.2190	0.1127 0.2437	0.1672	0.2021	0.2174	Lin2	-0.110	0.2172							0.9920		0.9900
Dichlorobromomethane	+++++ 0.3265	0.2493 0.3748	0.2580	0.2809	0.2953	Ave		0.2975			0.2000	15.7		20.0			
2-Nitropropane	+++++ 0.0397	0.0290 0.0502	0.0201	0.0283	0.0281	Qua2	0.0058	0.0250	0.0000268						0.9900		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1425	0.0494 0.1650	0.0721	0.1115	0.1335	QuaF		0.1273	0.0000752						1.0000		0.9900
Epichlorohydrin	0.4660 0.3296	0.2564 0.3622	0.2930	0.3527	0.3841	Ave		0.3491				19.3		20.0			
cis-1,3-Dichloropropene	+++++ 0.5262	0.4434 0.5434	0.4536	0.4688	0.5222	Ave		0.4929			0.2000	8.7		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.8112	2.1952 2.8442	2.7666	3.3527	3.6752	Ave		2.9409			0.0500	17.5		20.0			
Toluene	+++++ 1.3168	1.5134 1.2852	1.5589	1.4783	1.4232	Ave		1.4293			0.4000	7.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.4847	0.3006 +++++	0.4000	0.4311	0.4591	Ave		0.4151			0.1000	17.2		20.0			
Ethyl methacrylate	+++++ 0.3615	0.2204 0.3684	0.2990	0.3476	0.3468	Ave		0.3240				17.4		20.0			
1,1,2-Trichloroethane	+++++ 0.2186	0.2180 0.2233	0.2256	0.2221	0.2161	Ave		0.2206			0.1000	1.6		20.0			
Tetrachloroethene	+++++ 0.2600	0.2923 0.2522	0.2759	0.2845	0.2926	Ave		0.2762			0.2000	6.1		20.0			
1,3-Dichloropropane	+++++ 0.4585	0.4447 0.4720	0.4599	0.4633	0.4837	Ave		0.4637				2.8		20.0			
2-Hexanone	+++++ 1.9459	1.0117 2.0539	1.6145	2.1436	2.4593	QuaF		1.9569	0.0000378		0.0500				0.9990		0.9900
Chlorodibromomethane	+++++ 0.3126	0.2326 0.3328	0.2502	0.2609	0.2979	Ave		0.2812			0.1000	13.9		20.0			
Ethylene Dibromide	+++++ 0.2836	0.2782 0.2924	0.2731	0.2853	0.2937	Ave		0.2844			0.1000	2.8		20.0			
n-Butyl acetate	+++++ 0.3270	0.1443 0.3235	0.2894	0.3025	0.3203	Lin2	-0.178	0.3224							1.0000		0.9900
Chlorobenzene	+++++ 0.8892	1.0361 0.8944	0.9261	0.9535	0.9731	Ave		0.9454			0.5000	5.8		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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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								
1,1,1,2-Tetrachloroethane	+++++ 0.2971	0.2255 0.3113	0.2507	0.2780	0.3057	Ave		0.2781				12.2		20.0			
Ethylbenzene	+++++ 0.4418	0.4179 0.4578	0.4841	0.4957	0.5000	Ave		0.4662			0.1000	7.0		20.0			
m-Xylene & p-Xylene	+++++ 0.5531	0.4309 0.5705	0.5773	0.6000	0.6177	Ave		0.5582			0.1000	11.9		20.0			
o-Xylene	+++++ 0.5655	0.5865 0.5867	0.5241	0.5882	0.6190	Ave		0.5783			0.3000	5.5		20.0			
Styrene	+++++ 0.9465	0.7144 0.9538	0.8443	0.9557	1.0463	Ave		0.9102			0.3000	12.7		20.0			
n-Butyl acrylate	+++++ 0.2027	+++++ 0.2302	0.1118	0.1760	0.2037	Ave		0.1849				24.4	*	20.0			
Bromoform	+++++ 0.1758	0.1006 0.1915	0.1129	0.1321	0.1593	Qua2	-0.042	0.1392	0.0001175		0.1000				0.9930		0.9900
Amyl acetate (mixed isomers)	+++++ 0.8131	+++++ 0.9041	0.4661	0.6753	0.7478	Ave		0.7213				23.0	*	20.0			
Isopropylbenzene	+++++ 1.1677	1.0964 1.1925	1.1749	1.2242	1.2851	Ave		1.1901			0.1000	5.3		20.0			
Bromobenzene	+++++ 0.6939	0.8460 0.7120	0.7858	0.7396	0.7518	Ave		0.7549				7.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7036	0.7275 0.7170	0.6729	0.6790	0.6883	Ave		0.6981			0.3000	3.1		20.0			
1,2,3-Trichloropropane	+++++ 0.5299	0.5579 0.5562	0.5548	0.5416	0.5403	Ave		0.5468				2.1		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2896	+++++ 0.3065	0.1938	0.2201	0.2599	Ave		0.2540				18.5		20.0			
N-Propylbenzene	+++++ 2.4412	2.1158 2.6584	2.2945	2.6536	2.7011	Ave		2.4774				9.5		20.0			
2-Chlorotoluene	+++++ 1.8884	2.5726 1.9319	2.1804	2.0800	2.1764	Ave		2.1383				11.5		20.0			
4-Ethyltoluene	+++++ 2.2144	2.1560 2.4143	2.1154	2.2867	2.3787	Ave		2.2609				5.3		20.0			
4-Chlorotoluene	+++++ 1.7014	1.7629 1.8468	1.6906	1.7785	1.7278	Ave		1.7513				3.3		20.0			
1,3,5-Trimethylbenzene	+++++ 1.7808	2.1270 1.9242	1.8549	1.9898	1.9915	Ave		1.9447				6.2		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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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	+++++ 0.8005	0.3272 0.9337	0.4962	0.6821	0.7425	Qua2	-0.359	0.6673	0.0005628						0.9940		0.9900
tert-Butylbenzene	+++++ 1.4225	1.5766 1.5468	1.4049	1.4550	1.5502	Ave		1.4927				5.0		20.0			
1,2,4-Trimethylbenzene	+++++ 1.8608	2.0842 2.0178	1.9199	2.0737	2.1173	Ave		2.0123				5.0		20.0			
sec-Butylbenzene	+++++ 1.8959	1.7928 2.1208	1.7219	1.9033	2.0238	Ave		1.9097				7.7		20.0			
1,3-Dichlorobenzene	+++++ 1.1286	1.1656 1.1658	1.2297	1.2183	1.2874	Ave		1.1992			0.6000	4.8		20.0			
1,4-Dichlorobenzene	+++++ 1.1547	1.4503 1.2042	1.3538	1.2876	1.3027	Ave		1.2922			0.5000	8.2		20.0			
4-Isopropyltoluene	+++++ 1.5393	1.7467 1.7071	1.5284	1.6710	1.7078	Ave		1.6500				5.6		20.0			
1,2,3-Trimethylbenzene	+++++ 1.9985	2.1069 2.1427	2.2388	2.2454	2.2461	Ave		2.1630				4.6		20.0			
Benzyl chloride	+++++ 0.2694	0.0883 0.3018	0.1182	0.2156	0.2419	QuaF		0.2453	0.0001131						1.0000		0.9900
Indan	+++++ 2.1874	2.2843 2.2306	2.2293	2.3665	2.4090	Ave		2.2845				3.8		20.0			
1,2-Dichlorobenzene	+++++ 1.1143	1.1849 1.1241	1.2359	1.2580	1.2690	Ave		1.1977			0.4000	5.6		20.0			
p-Diethylbenzene	+++++ 0.7999	1.0069 0.8861	0.9648	1.0394	1.0773	Ave		0.9624				10.7		20.0			
n-Butylbenzene	+++++ 0.6948	0.7521 0.7639	0.7619	0.7964	0.8116	Ave		0.7635				5.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1347	0.0453 0.1476	0.0841	0.1196	0.1279	Qua2	-0.075	0.1174	0.0000660		0.0500				0.9940		0.9900
1,2,4,5-Tetramethylbenzene	+++++ 1.5399	1.7981 1.5729	1.7280	1.7332	1.8498	Ave		1.7037				7.2		20.0			
1,3,5-Trichlorobenzene	+++++ 0.4947	0.5602 0.4958	0.5861	0.5654	0.5731	Ave		0.5459				7.4		20.0			
1,2,4-Trichlorobenzene	+++++ 0.4465	0.5697 0.4594	0.5215	0.4978	0.5245	Ave		0.5032			0.2000	9.0		20.0			
Hexachlorobutadiene	+++++ 0.1533	0.1749 0.1586	0.1808	0.1685	0.1772	Ave		0.1689				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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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	+++++ 1.4783	2.2938 1.3704	1.7057	1.7136	1.7746	Ave		1.7227				18.6		20.0			
1,2,3-Trichlorobenzene	+++++ 0.3818	0.5342 0.3800	0.4490	0.4593	0.4792	Ave		0.4472				13.2		20.0			
Dibromofluoromethane (Surr)	0.2199 0.2307	0.1899 0.2622	0.2077	0.1998	0.2039	Ave		0.2163				11.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2393 0.2467	0.2110 0.2794	0.2181	0.2108	0.2125	Ave		0.2311				11.1		20.0			
Toluene-d8 (Surr)	1.4383 1.2018	1.2770 1.2198	1.3896	1.2719	1.2349	Ave		1.2905				6.9		20.0			
4-Bromofluorobenzene	0.3425 0.3077	0.2955 0.3152	0.3199	0.3075	0.3195	Ave		0.3154				4.6		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-873073/3	O82987.d
Level 2	STD1 460-873073/4	O82988.d
Level 3	STD5 460-873073/5	O82989.d
Level 4	STD20 460-873073/6	O82990.d
Level 5	STD50 460-873073/7	O82991.d
Level 6	STD200 460-873073/8	O82992.d
Level 7	STD500 460-873073/9	O82993.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	BUT	Ave	+++++ 290528	1445 795133	5462	25916	69372	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 949685	3372 2298539	17187	82590	202037	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 126368	814 330299	3038	12266	33149	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 674931	2891 1828476	13788	57152	151024	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 632698	2430 1589838	12477	55267	141094	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	510 606444	1426 +++++	8666	41738	120793	0.250 200	1.00 +++++	5.00	20.0	50.0
Bromomethane	FB	QuaF	+++++ 411414	2898 540181	11441	43166	83852	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 436466	1880 1034635	9054	36888	101194	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1088777	4915 2725315	23493	98501	261643	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 962665	3143 2371094	16120	77971	205706	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 197868	1014 533250	3598	20183	53557	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 80283	384 210563	1985	7612	19570	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 377582	1525 1002595	7127	29292	77986	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 539460	2172 1360567	10588	42523	112858	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 479475	1865 1220664	8522	41517	112852	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 794452	2873 2173641	14563	61048	158521	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	QuaF	+++++ 59558	344 136510	2180	5948	19309	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 545903	2214 1396456	8642	42484	118373	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 513763	2205 1315143	10105	47473	122151	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 164421	534 486310	1996	9480	28989	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 996964	4465 2367049	20960	97477	263696	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1835894	8500 4650082	37605	176918	476204	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 198237	776 599997	2547	9550	29851	+++++ 2000	10.0 5000	50.0	200	500
3-Chloro-1-propene	FB	Ave	+++++ 391547	1346 997550	7349	32348	87445	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 174104	844 426058	3161	14253	40809	+++++ 2000	10.0 5000	50.0	200	500
Methyl acetate	TBAd9	Qua2	+++++ 403371	671 1348247	3926	19542	54510	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1313857	4000 +++++	18214	88718	232081	+++++ 200	1.00 +++++	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++	3274	15454	64874	167162	+++++	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 Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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
			636171	1630908				200	500			
2-Methyl-2-propanol	TBAd9	Ave	+++++ 300787	1537 921789	6083	22049	53965	+++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	FB	QuaF	743 1426278	3054 4000150	17758	96992	287449	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 615910	2452 1572102	11047	48368	130793	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1411256	6251 3625383	31097	121629	305709	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	+++++ 431969	1828 1149597	9075	45037	120909	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1050760	4225 2748635	20375	87251	230553	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 232947	595 489835	3722	17006	40133	+++++ 400	2.00 1000	10.0	40.0	100
Isopropyl ether	FB	Ave	+++++ 1563780	6155 3793481	32935	147188	382356	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 610367	2219 1545173	10651	53570	142846	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1744029	6778 4406275	33384	152747	414501	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 217133	982 551062	4276	18449	49459	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 676822	2409 1767227	12388	52461	139506	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 232705	786 619703	4355	16618	46587	+++++ 1000	5.00 2500	25.0	100	250
Propionitrile	TBAd9	Lin2	+++++ 545686	971 1580601	7760	36587	108329	+++++ 2000	10.0 5000	50.0	200	500
Ethyl acetate	BUT	Ave	+++++ 88989	273 237678	1627	7593	17792	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 367376	1230 973980	6712	28550	78908	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++	4439	28926	120570	311035	+++++	10.0	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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
			1614321	+++++				2000	+++++			
Chlorobromomethane	FB	Ave	+++++ 318822	1145 754503	6474	28077	77416	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 186950	510 543755	2556	12942	32037	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 1059486	4301 2797256	20774	86425	229381	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 981569	4252 2534506	19830	85402	222034	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 718377	3119 1883197	14164	69156	184193	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 778771	2608 2032886	13151	65696	178236	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 833783	3620 2075832	16263	80615	206718	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 329034	+++++ 958327	5291	20664	60325	+++++ 5000	+++++ 12500	125	500	1250
Benzene	CBNZd5	Ave	+++++ 2461996	10911 6117808	51763	234715	633449	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 747604	3169 1926789	15167	65177	167266	+++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	+++++ 885041	4263 2426619	18459	88847	237549	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 170838	464 431645	2879	13941	37815	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1642143	6597 4117092	34137	152554	395973	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 288011	1359 789458	6113	30645	81878	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 644293	2802 1642844	12087	60454	165463	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 248866	+++++ 706924	+++++	12762	42377	+++++ 5000	+++++ 12500	+++++	500	1250

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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
Ethyl acrylate	FB	Lin2	+++++ 1009029	1619 2607576	16135	87833	246811	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 631413	2645 1659629	11771	64231	174137	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 594881	2080 1548989	12014	54351	144341	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 342932	1323 900794	6784	30344	77385	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 132830	1122 344281	3244	11679	32262	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	Ave	+++++ 307383	1054 750505	4409	26161	74927	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Lin2	+++++ 562112	1220 1456829	9206	47266	131723	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 837924	2700 2241011	14205	65701	178917	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Qua2	+++++ 203588	628 599946	2211	13249	34036	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	QuaF	+++++ 366589	536 988702	3978	26148	81105	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	915 953128	2233 2558973	12933	71458	193177	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1085420	3580 2831674	16961	85911	246916	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2032209	4780 5023549	30531	169816	462157	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2716361	12220 6696836	58294	270878	672923	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 999840	2427 +++++	14956	78995	217062	+++++ 200	1.00 +++++	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 745723	1780 1919619	11182	63700	163971	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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	+++++ 451019	1760 1163559	8435	40699	102166	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 536330	2360 1314003	10315	52135	138349	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 945919	3591 2459521	17196	84889	228716	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	QuaF	+++++ 1406683	2203 3627680	17817	108573	309256	+++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBNZ d5	Ave	+++++ 644825	1878 1734171	9356	47805	140853	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 585006	2246 1523644	10214	52271	138855	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Lin2	+++++ 674501	1165 1685470	10821	55427	151432	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1834342	8366 4660466	34631	174717	460079	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 612875	1821 1622289	9376	50935	144547	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 911466	3374 2385287	18101	90827	236396	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1140934	3479 2972641	21588	109942	292033	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1166653	4736 3057228	19598	107774	292660	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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
Styrene	CBNZ d5	Ave	+++++ 1952633	5768 4969814	31571	175130	494684	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 418100	+++++ 1199483	4181	32258	96310	+++++ 200	+++++ 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Qua2	+++++ 362686	812 997807	4221	24207	75321	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 828406	+++++ 2272096	8581	59008	174332	+++++ 200	+++++ 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2408829	8853 6213661	43932	224333	607614	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 707024	3028 1789193	14467	64626	175261	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 716887	2604 1801857	12388	59332	160443	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 539922	1997 1397758	10214	47328	125952	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 295080	+++++ 770336	3567	19231	60580	+++++ 200	+++++ 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2487231	7573 6680471	42243	231871	629649	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1924001	9208 4854902	40141	181748	507339	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 2256086	7717 6067135	38945	199806	554496	+++++ 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 Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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	+++++ 1733409	6310 4641048	31125	155403	402777	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1814379	7613 4835504	34150	173864	464244	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	+++++ 815608	1171 2346373	9136	59601	173082	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1449305	5643 3887069	25864	127135	361378	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1895837	7460 5070817	35345	181200	493571	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1931615	6417 5329539	31700	166312	471761	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1149863	4172 2929638	22639	106455	300107	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1176491	5191 3026037	24924	112508	303664	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1568336	6252 4289866	28138	146010	398098	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 2036126	7541 5384535	41216	196196	523588	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	QuaF	+++++ 274513	316 758397	2177	18839	56380	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2228651	8176 5605569	41042	206779	561575	+++++ 200	1.00 500	5.00	20.0	50.0

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1135315	4241 2824876	22754	109922	295825	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 814984	3604 2226849	17763	90821	251128	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 707844	2692 1919652	14027	69589	189200	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Qua2	+++++ 137202	162 370808	1548	10453	29811	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 1568933	6436 3952737	31813	151445	431211	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 504022	2005 1245829	10791	49406	133604	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 454900	2039 1154590	9600	43501	122257	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 156222	626 398464	3328	14727	41300	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1506198	8210 3443705	31402	149735	413676	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 388989	1912 954839	8266	40131	111703	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	113389 148060	102795 156764	114318	116843	123539	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	123386 158308	114252 167076	120077	123250	128762	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	505092	515535	519607	582659	583898	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.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

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
			619809	635574				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	120263 158682	119301 164258	119619	140870	151054	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 873073

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2022 13:52 Calibration End Date: 10/20/2022 16:23 Calibration ID: 91540

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-873073/3	O82987.d
Level 2	STD1 460-873073/4	O82988.d
Level 3	STD5 460-873073/5	O82989.d
Level 4	STD20 460-873073/6	O82990.d
Level 5	STD50 460-873073/7	O82991.d
Level 6	STD200 460-873073/8	O82992.d
Level 7	STD500 460-873073/9	O82993.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Propionitrile	+++++	1.2						30				
Ethyl acrylate	+++++	2.7						30				
n-Propyl acetate	+++++	2.7						30				
n-Butyl acetate	+++++	0.0						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Oct-2022 13:52:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0152018-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:14:52 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: RD6L Date: 20-Oct-2022 14:27:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.993	0.993	0.000	67	510	0.2500	0.2695	
* 31 TBA-d9 (IS)	65	1.872	1.872	0.000	99	95169	1000.0	1000.0	
33 Acrylonitrile	53	2.066	1.998	0.068	62	743	2.00	1.52	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	98177	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	113389	50.0	50.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	123386	50.0	51.8	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	515697	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	22908	1000.0	1000.0	
80 Epichlorohydrin	57	5.114	4.932	0.182	1	915	5.00	6.67	a
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	505092	50.0	55.7	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	88	351163	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	85	120263	50.0	54.3	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	163347	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00145	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00105	Amount Added:	20.00	Units: uL	
Ethanol mix_00069	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	0.00	Units: uL	
14DIOXNEAT_00003	Amount Added:	0.00	Units: uL	
524freon_00058	Amount Added:	0.00	Units: uL	
8FreonHi_00049	Amount Added:	0.00	Units: uL	
GAS Hi_00426	Amount Added:	0.00	Units: uL	
MIX I Hi_00155	Amount Added:	0.00	Units: uL	
GASES Li_00498	Amount Added:	2.50	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

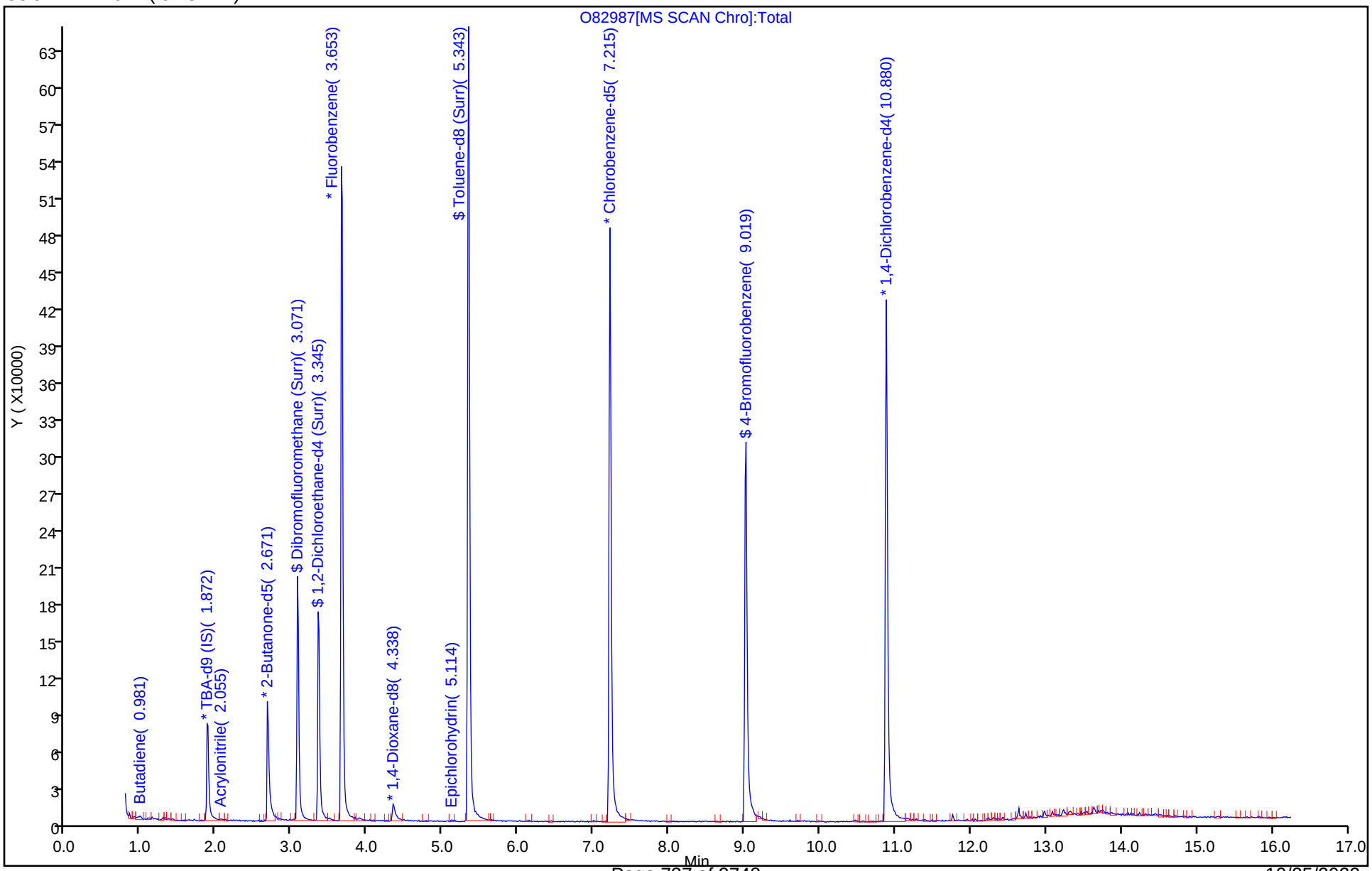
Report Date: 21-Oct-2022 10:14:53 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d

Injection Date:	20-Oct-2022 13:52:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

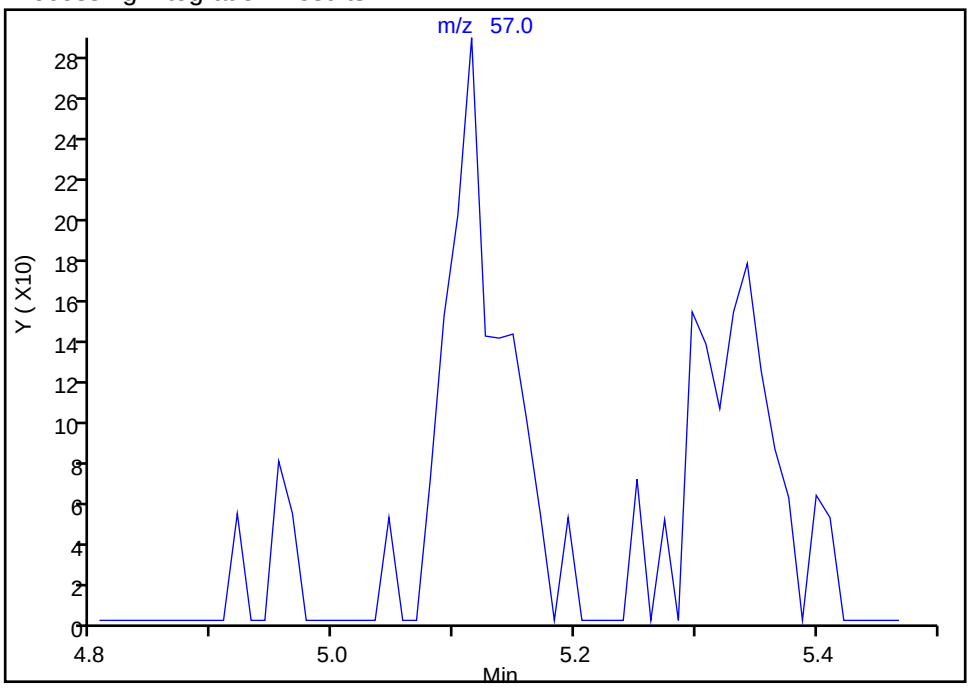
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

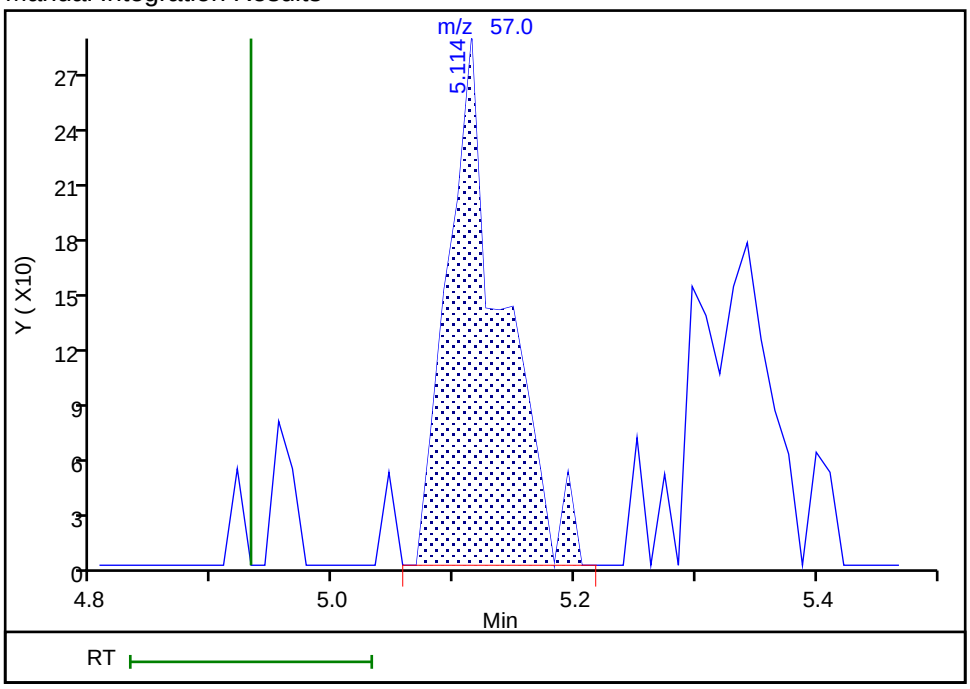
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 5.11
Area: 915
Amount: 6.673588
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:35:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

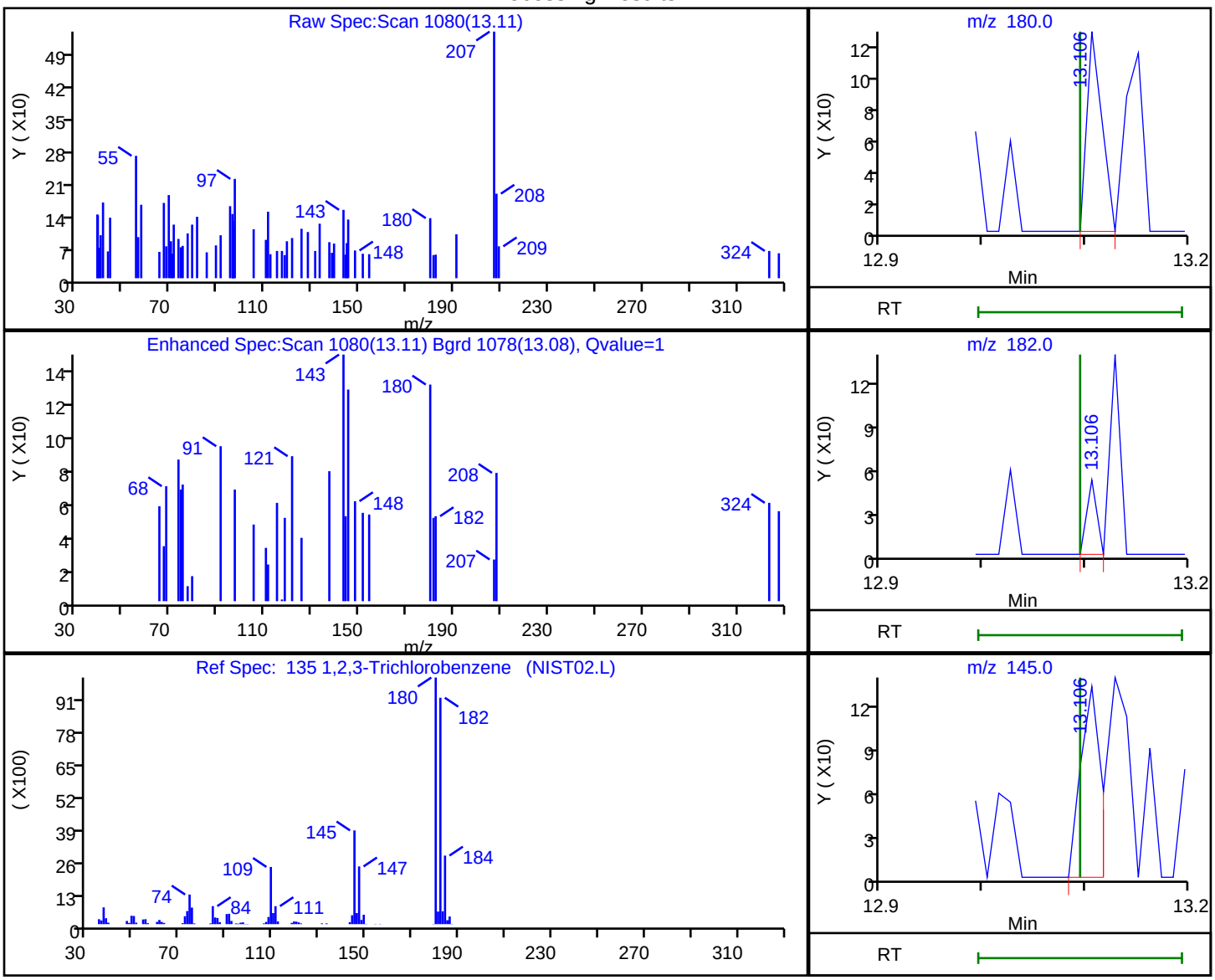
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.11	180.00	133	0.091928
13.11	182.00	35	
13.11	145.00	177	

Reviewer: NN6A, 21-Oct-2022 09:35:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

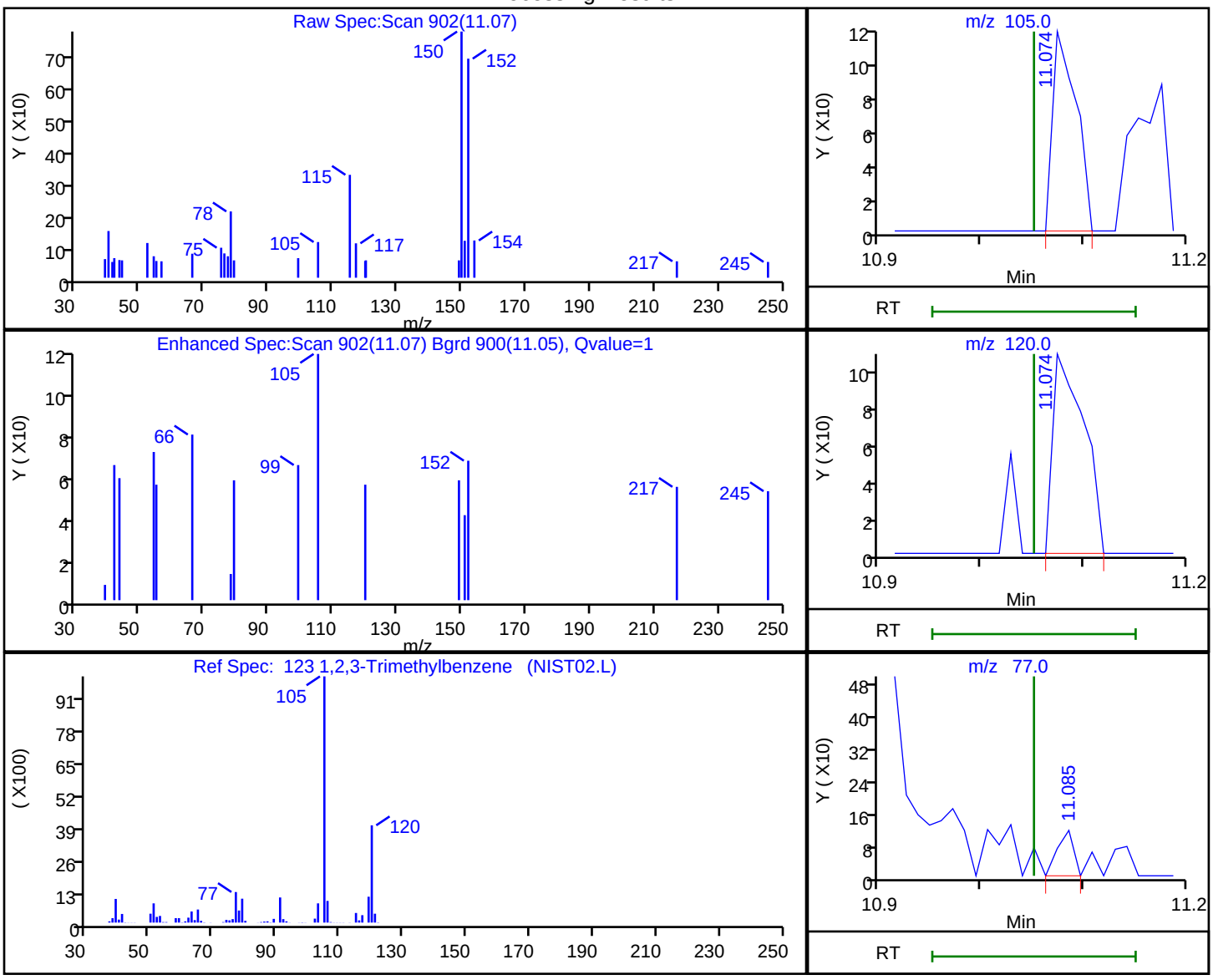
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.07	105.00	182	0.025988
11.07	120.00	229	
11.09	77.00	124	

Reviewer: NN6A, 21-Oct-2022 09:35:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

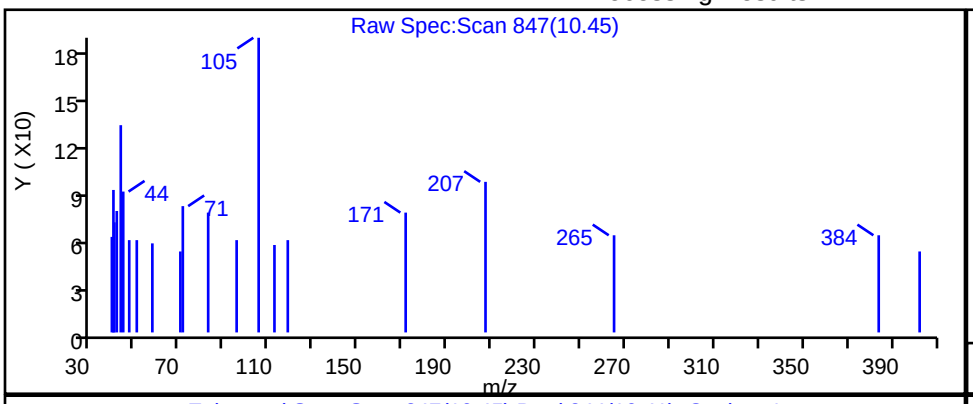
User Disabled Compound Report

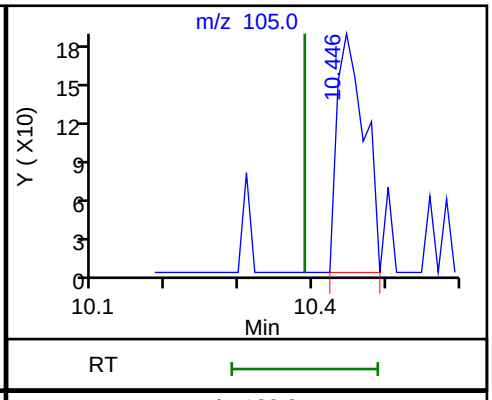
Eurofins Edison

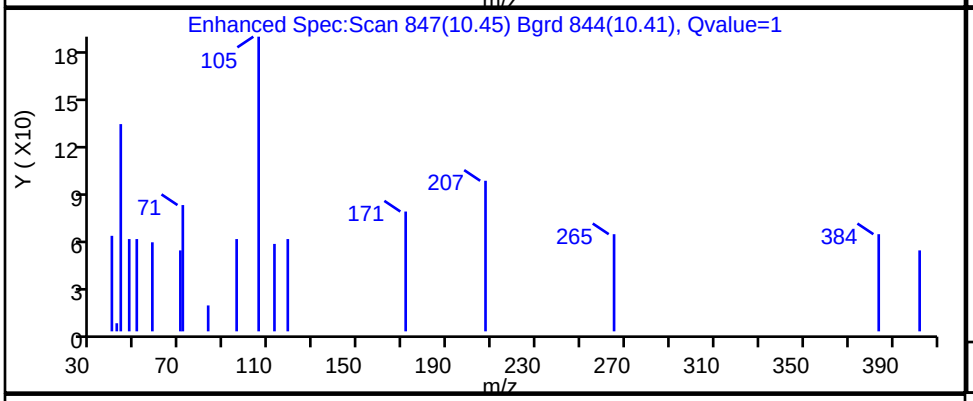
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

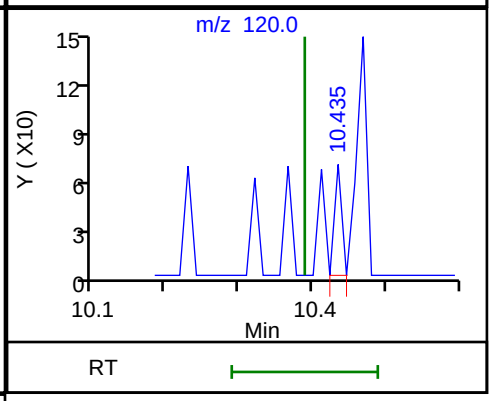
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

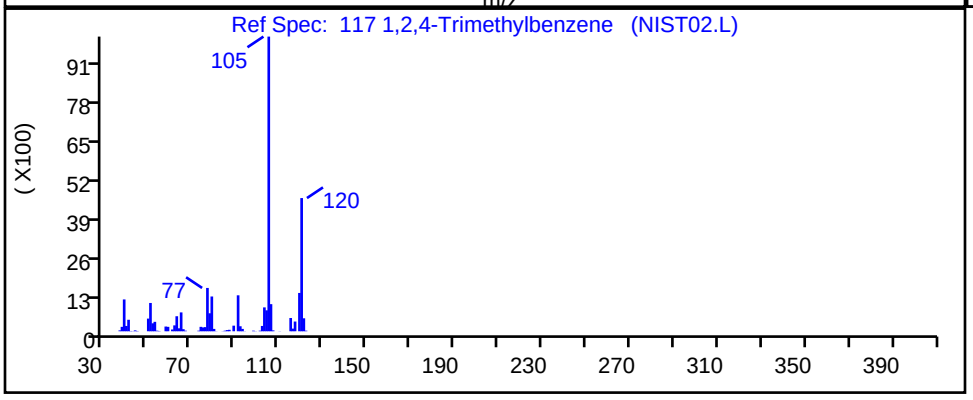
Processing Results











RT	Mass	Response	Amount
10.45	105.00	474	0.072751
10.43	120.00	45	

Reviewer: NN6A, 21-Oct-2022 09:35:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

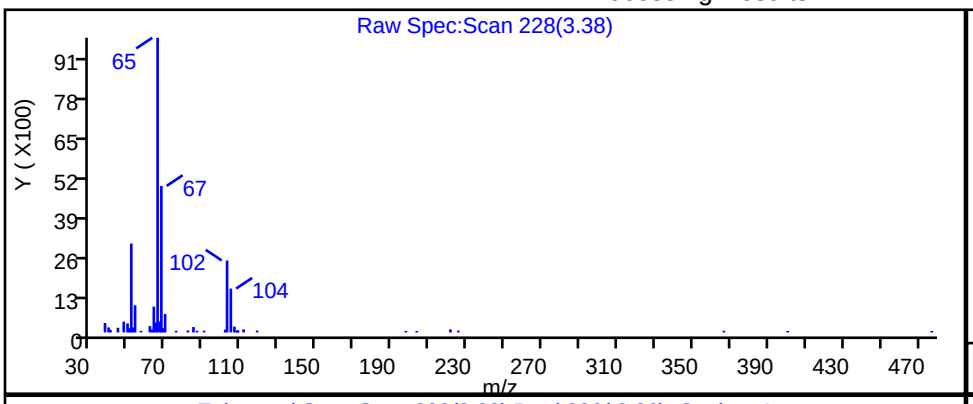
User Disabled Compound Report

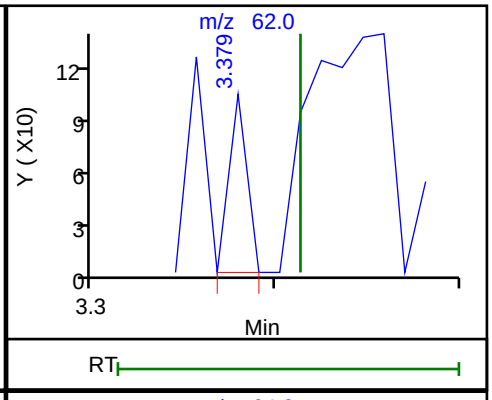
Eurofins Edison

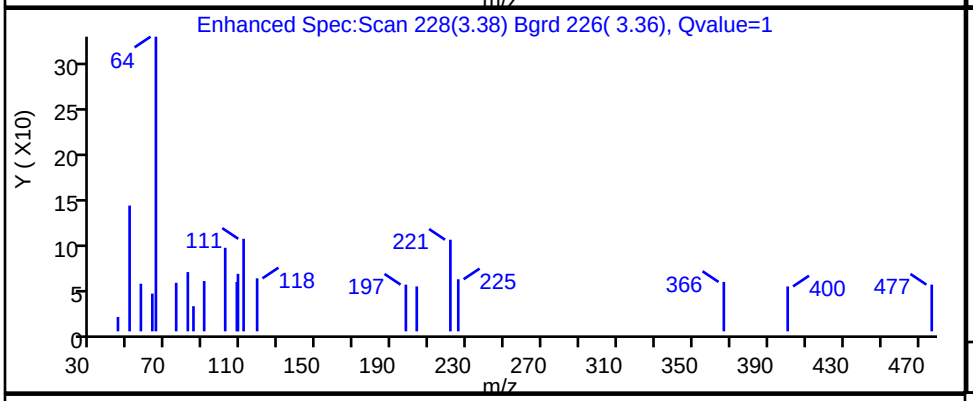
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

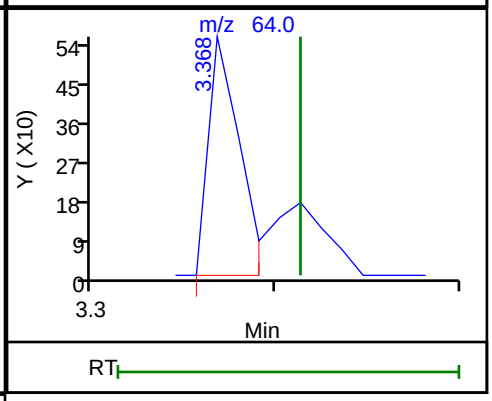
60 1,2-Dichloroethane, CAS: 107-06-2

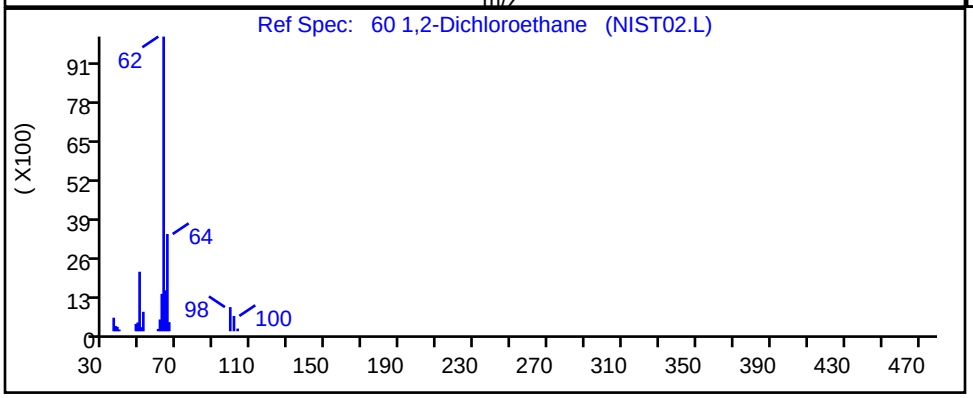
Processing Results











RT	Mass	Response	Amount
3.38	62.00	69	0.023168
3.37	64.00	659	

Reviewer: NN6A, 21-Oct-2022 09:35:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

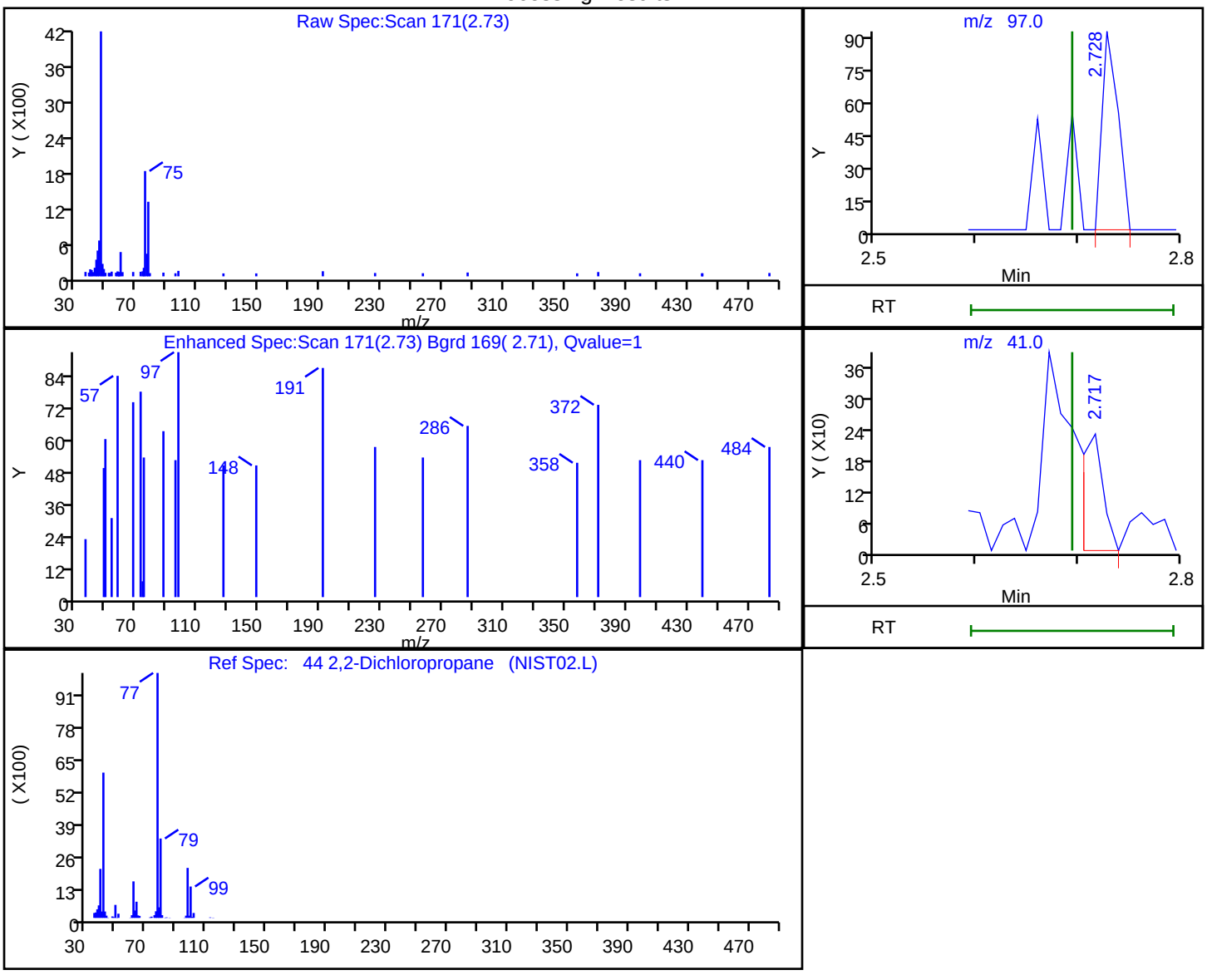
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.73	97.00	101	0.116480
2.72	41.00	334	

Reviewer: NN6A, 21-Oct-2022 09:35:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

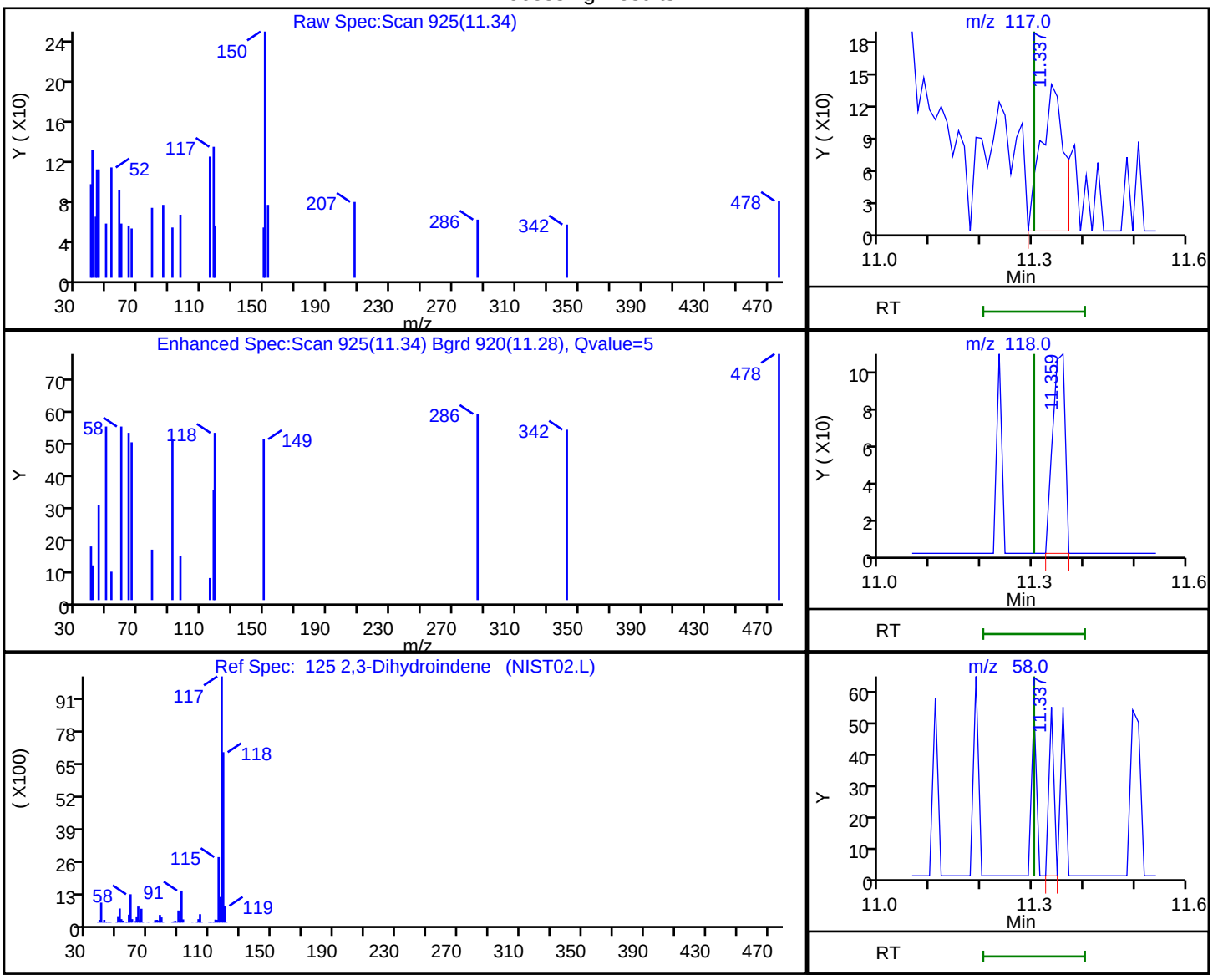
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.34	117.00	412	0.055696
11.36	118.00	177	
11.34	58.00	38	

Reviewer: NN6A, 21-Oct-2022 09:35:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

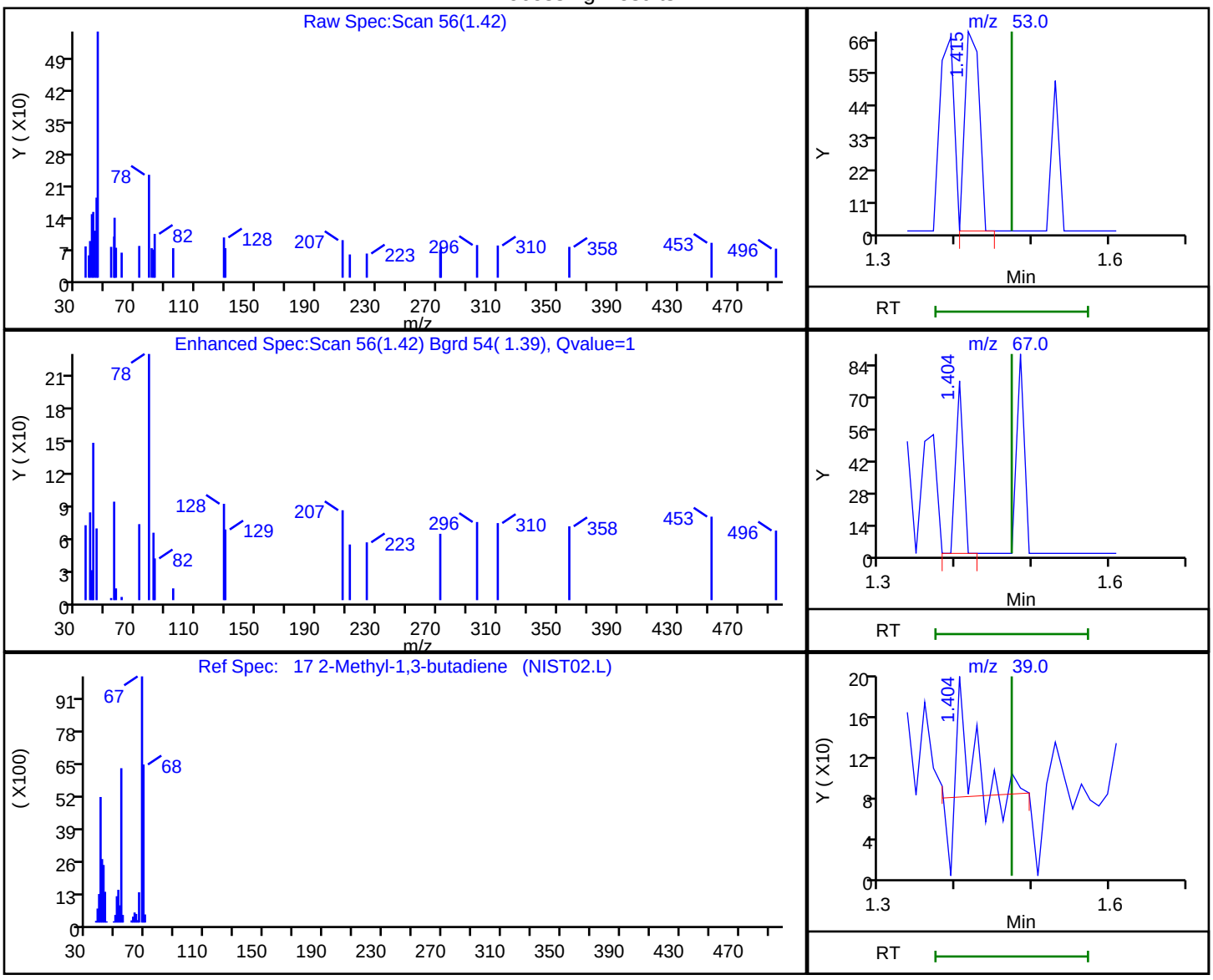
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.42	53.00	90	0.048502
1.40	67.00	53	
1.40	39.00	87	

Reviewer: NN6A, 21-Oct-2022 09:35:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

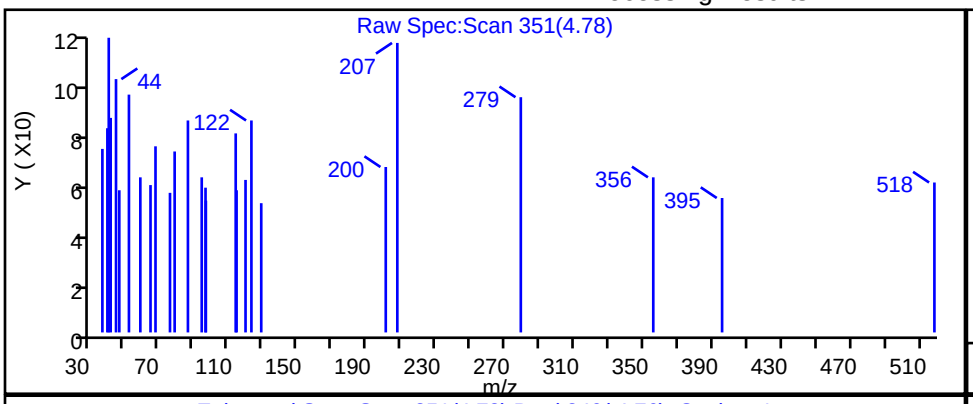
User Disabled Compound Report

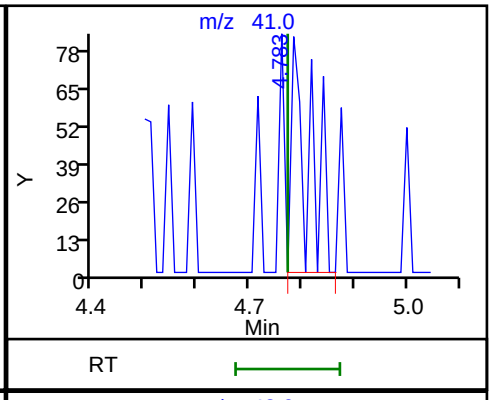
Eurofins Edison

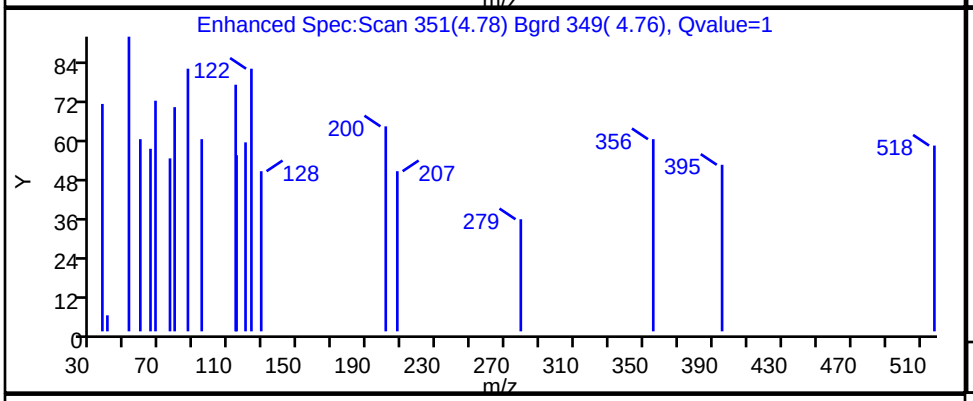
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

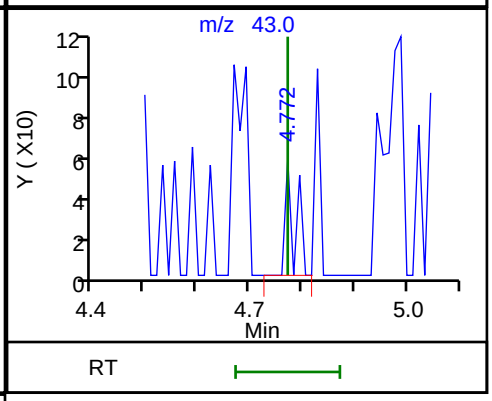
78 2-Nitropropane, CAS: 79-46-9

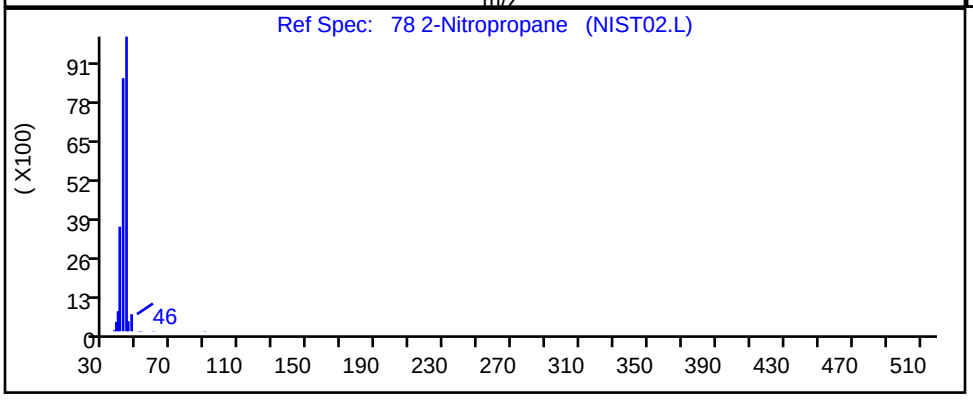
Processing Results











RT	Mass	Response	Amount
4.78	41.00	197	0.603225
4.77	43.00	74	

Reviewer: NN6A, 21-Oct-2022 09:35:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

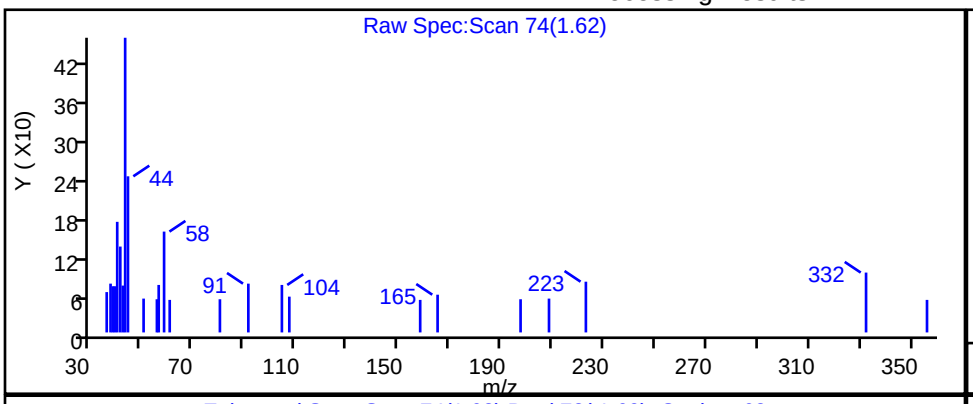
User Disabled Compound Report

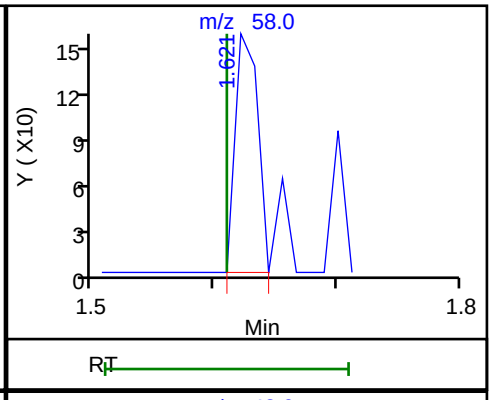
Eurofins Edison

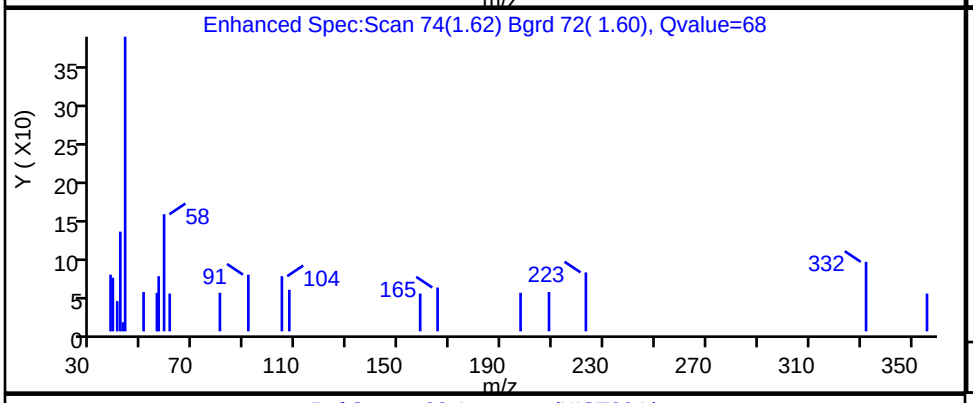
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

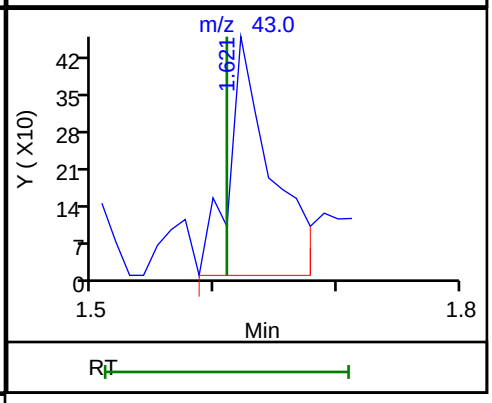
22 Acetone, CAS: 67-64-1

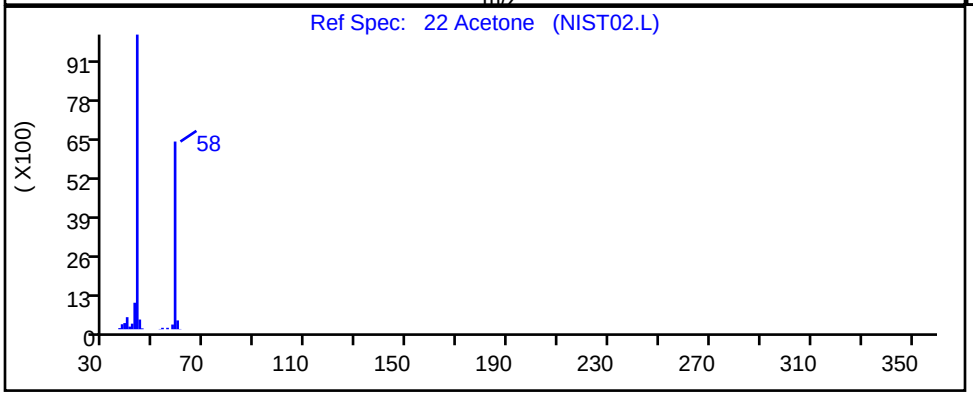
Processing Results











RT	Mass	Response	Amount
1.62	58.00	198	2.246522
1.62	43.00	1092	

Reviewer: NN6A, 21-Oct-2022 09:35:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

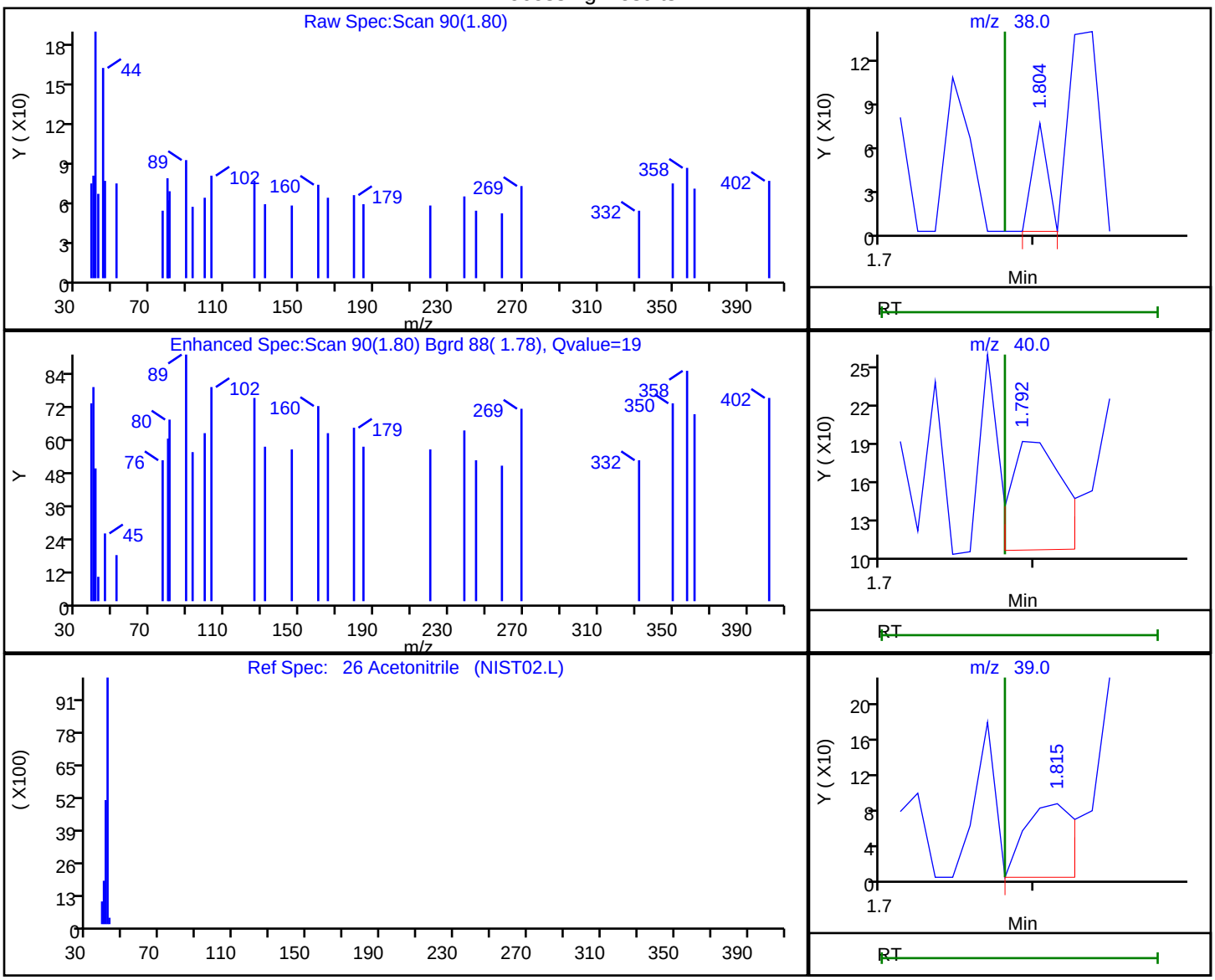
User Disabled Compound Report

Eurofins Edison

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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.80	38.00	50	0.757834
1.79	40.00	205	
1.81	39.00	193	
1.79	41.00	143	

Reviewer: NN6A, 21-Oct-2022 09:35:17
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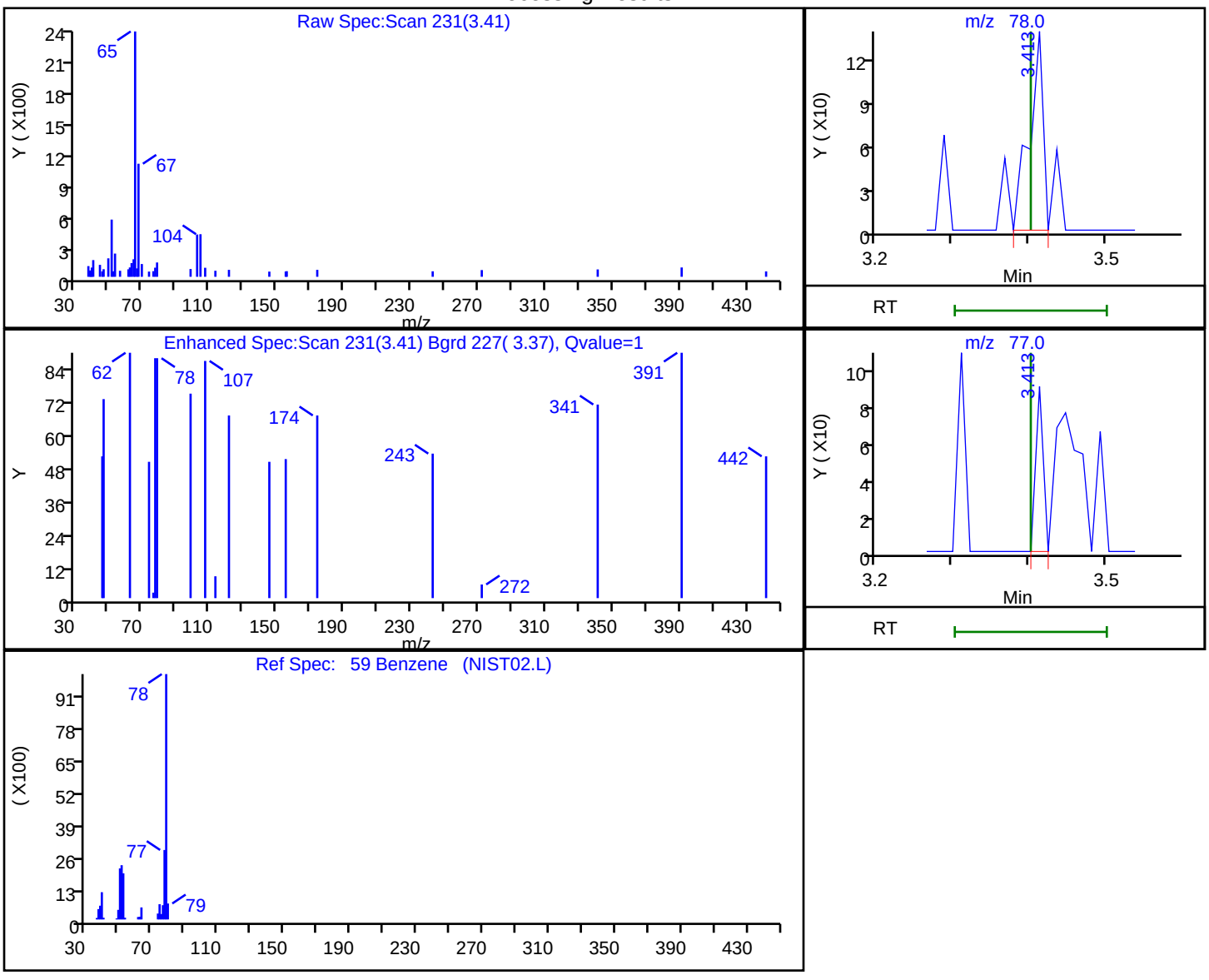
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Eurofins Edison

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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.41	78.00	173	0.019135
3.41	77.00	60	

Reviewer: NN6A, 21-Oct-2022 09:35:25
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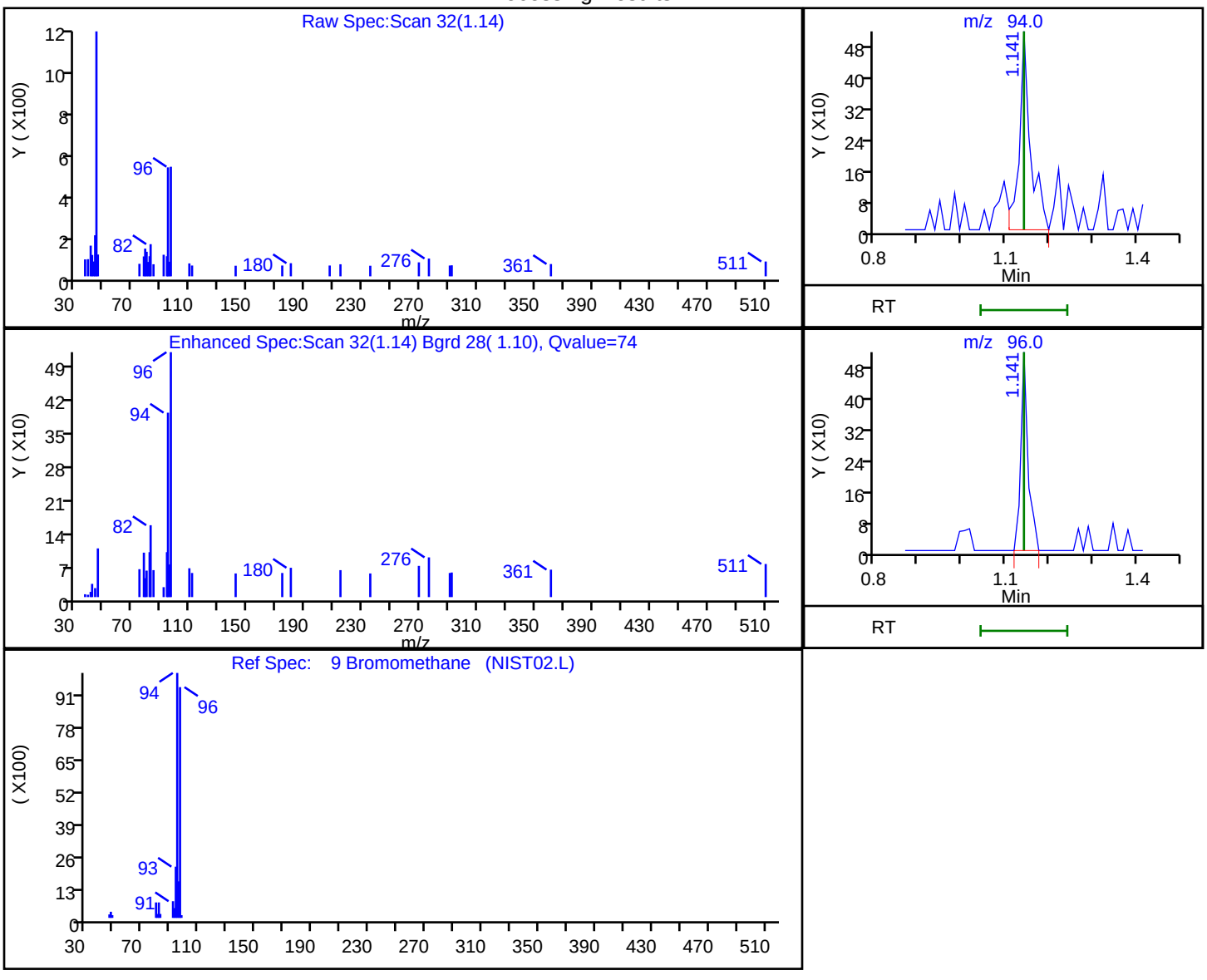
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Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.14	94.00	927	0.452427
1.14	96.00	606	

Reviewer: NN6A, 21-Oct-2022 09:35:16
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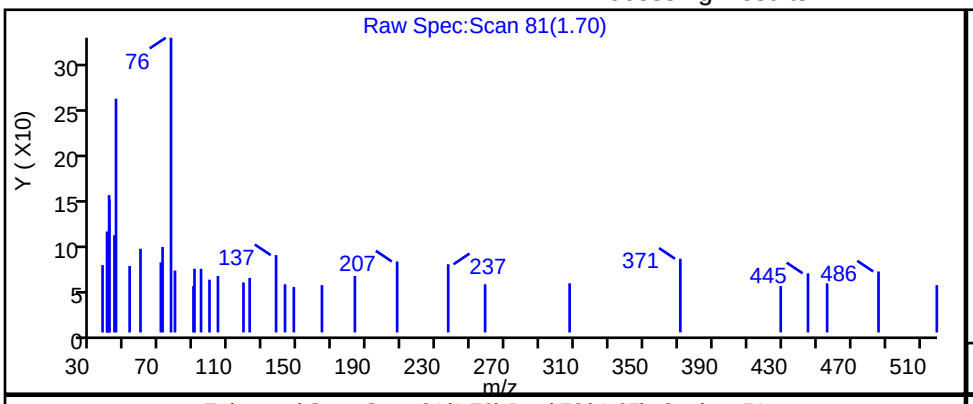
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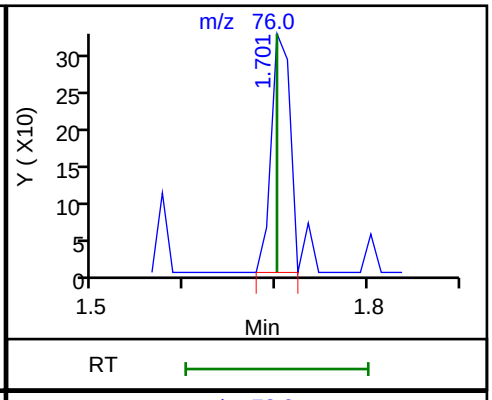
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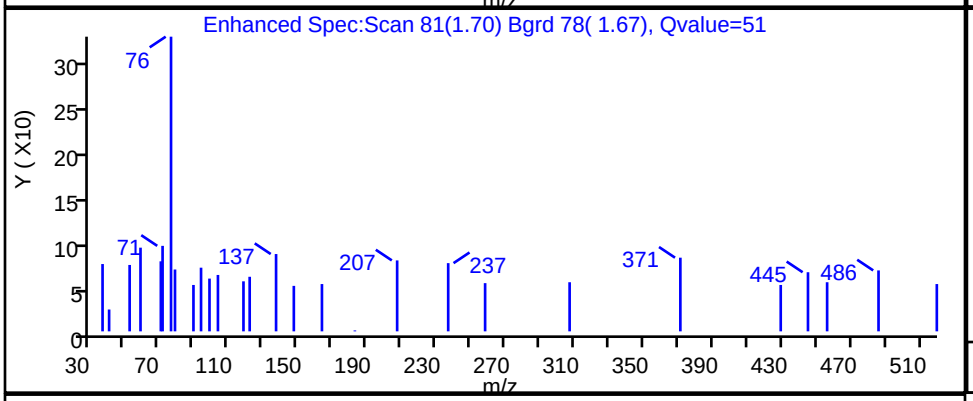
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Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

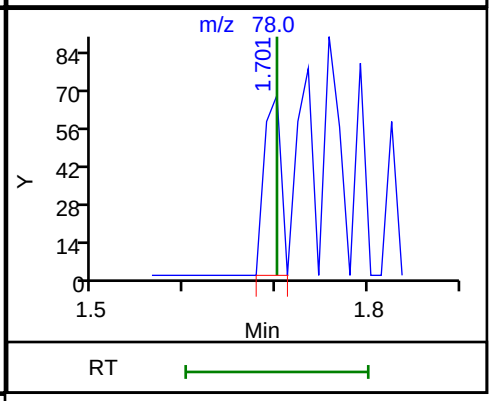
25 Carbon disulfide, CAS: 75-15-0

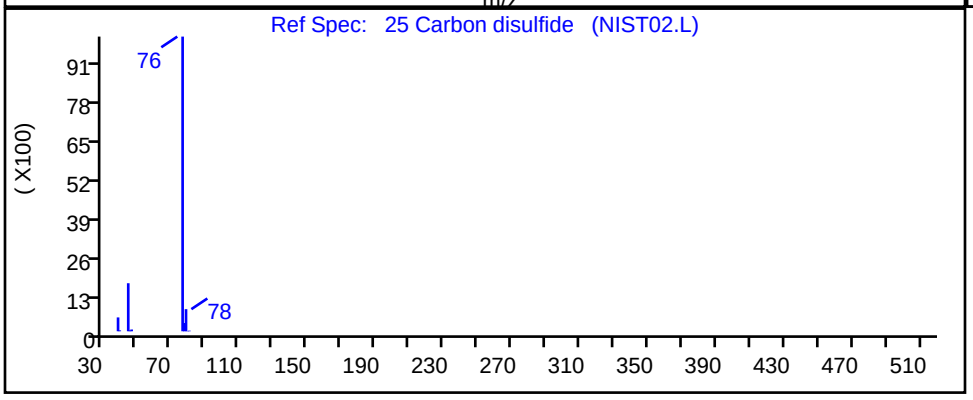
Processing Results











RT	Mass	Response	Amount
1.70	76.00	462	0.059818
1.70	78.00	86	

Reviewer: NN6A, 21-Oct-2022 09:35:16
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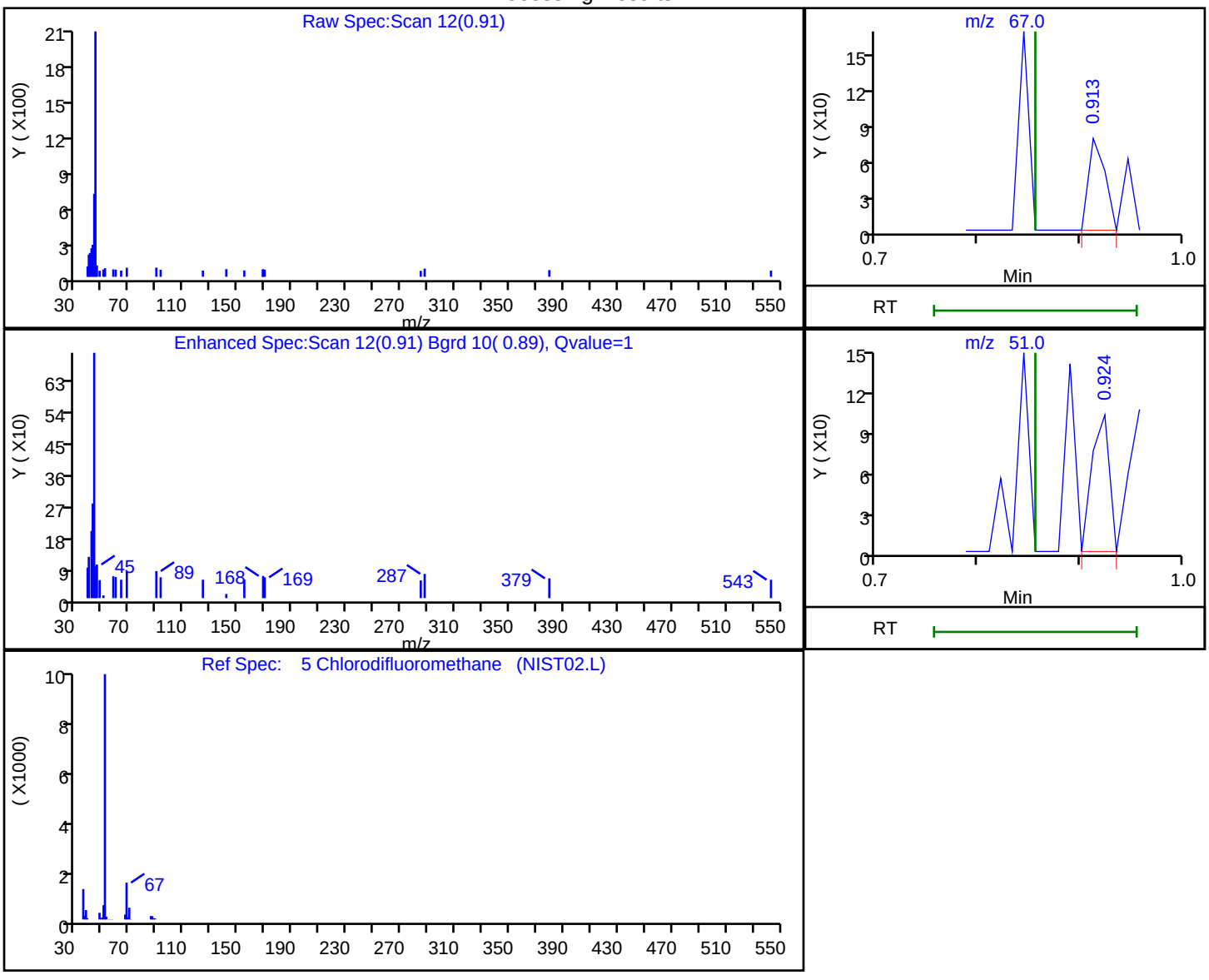
User Disabled Compound Report

Eurofins Edison

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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.91	67.00	87	0.148424
0.92	51.00	118	

Reviewer: NN6A, 21-Oct-2022 09:35:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

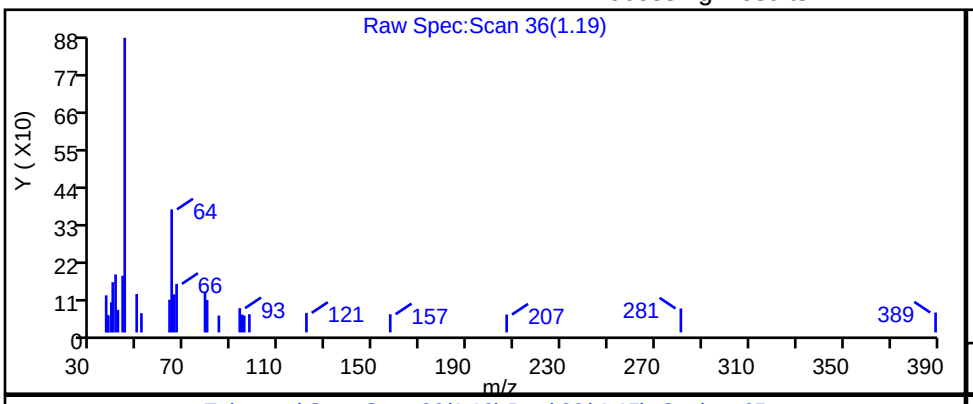
User Disabled Compound Report

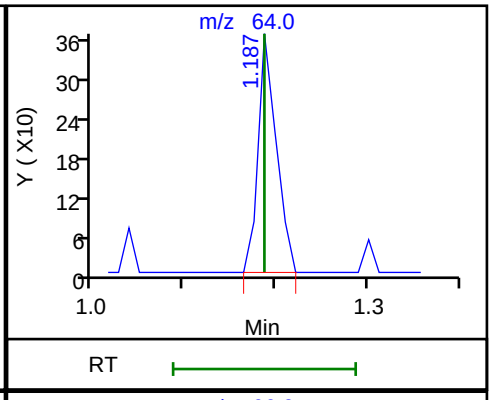
Eurofins Edison

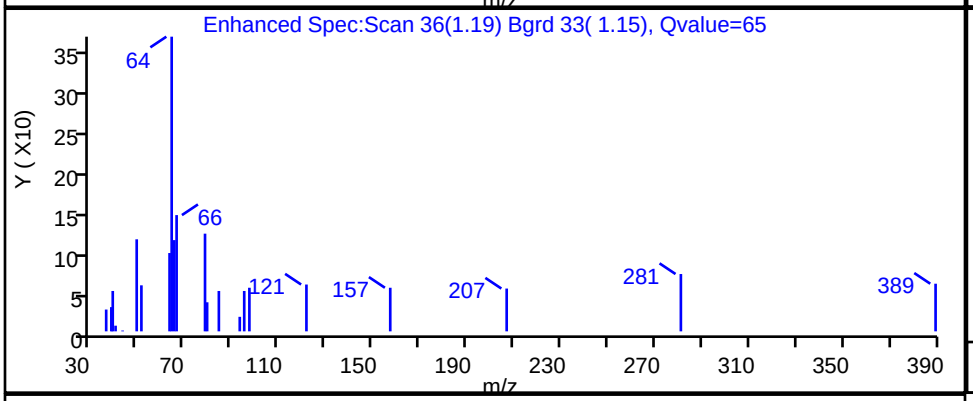
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Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

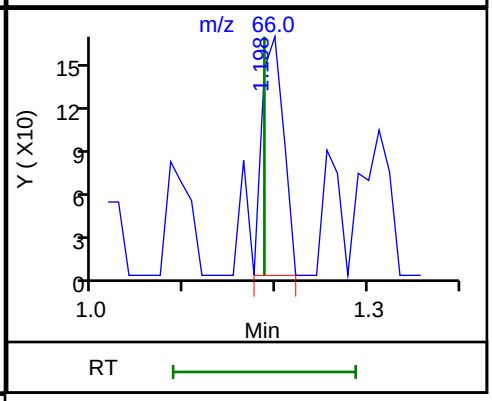
10 Chloroethane, CAS: 75-00-3

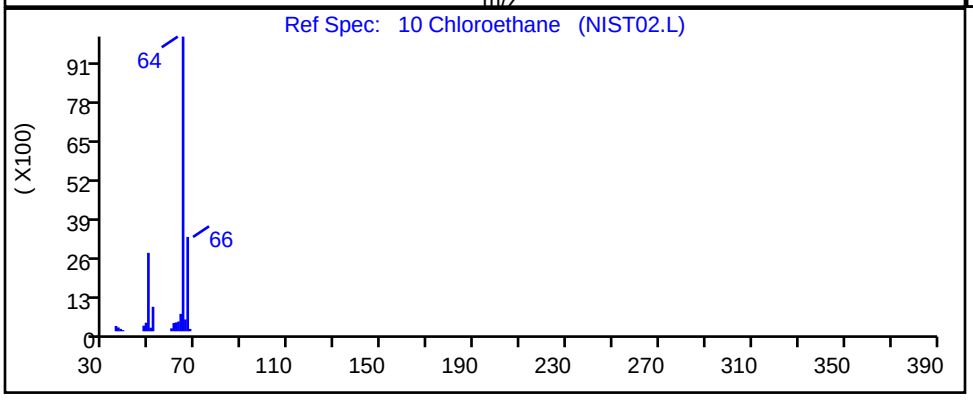
Processing Results











RT	Mass	Response	Amount
1.19	64.00	504	0.285275
1.20	66.00	273	

Reviewer: NN6A, 21-Oct-2022 09:35:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

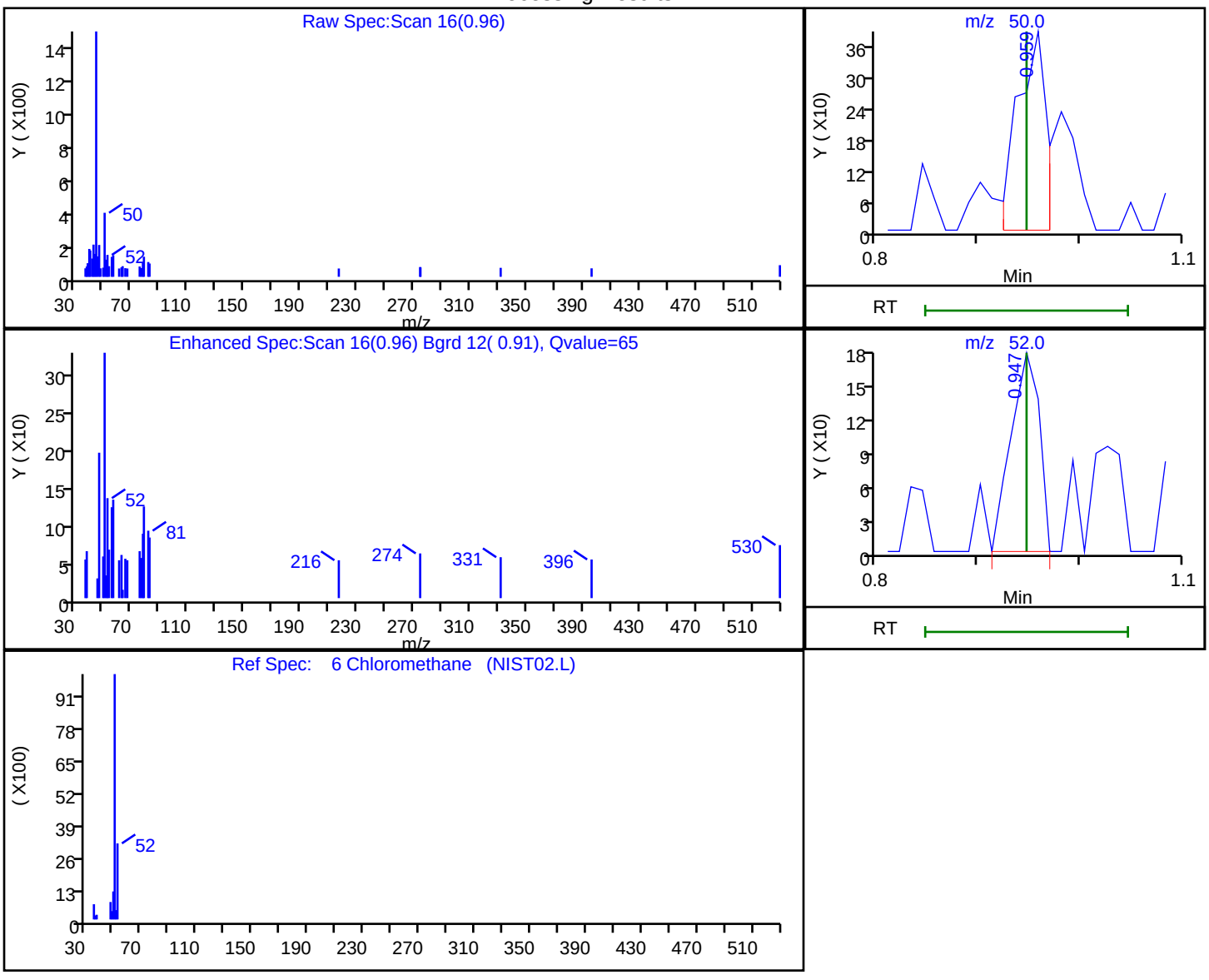
User Disabled Compound Report

Eurofins Edison

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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.96	50.00	775	0.252500
0.95	52.00	334	

Reviewer: NN6A, 21-Oct-2022 09:35:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

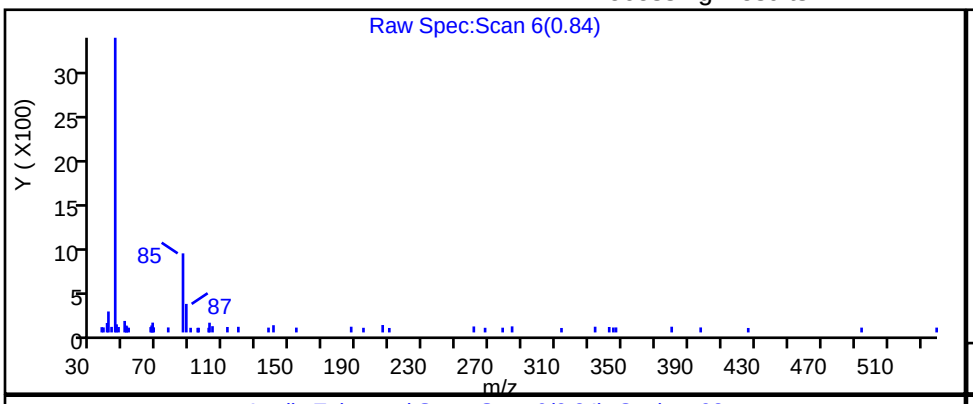
User Disabled Compound Report

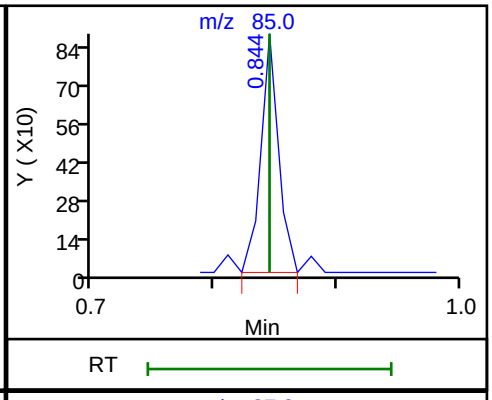
Eurofins Edison

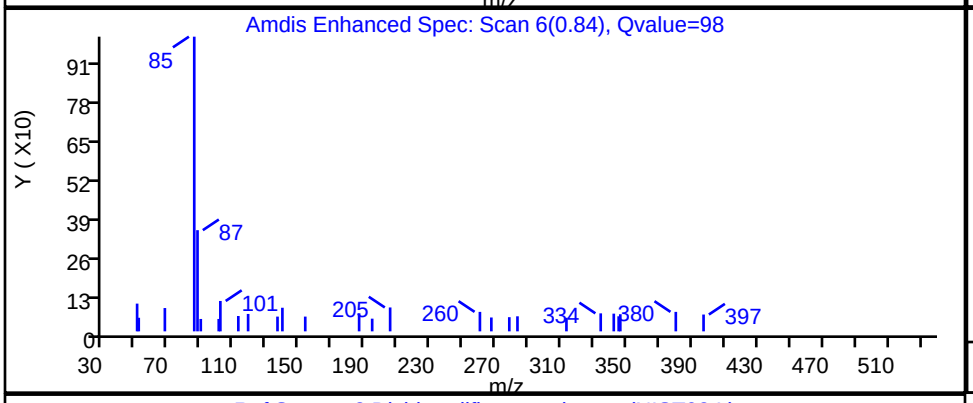
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

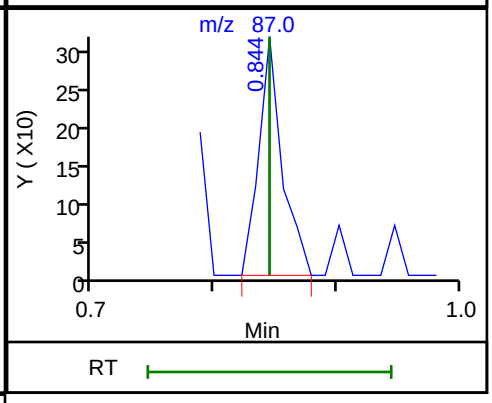
3 Dichlorodifluoromethane, CAS: 75-71-8

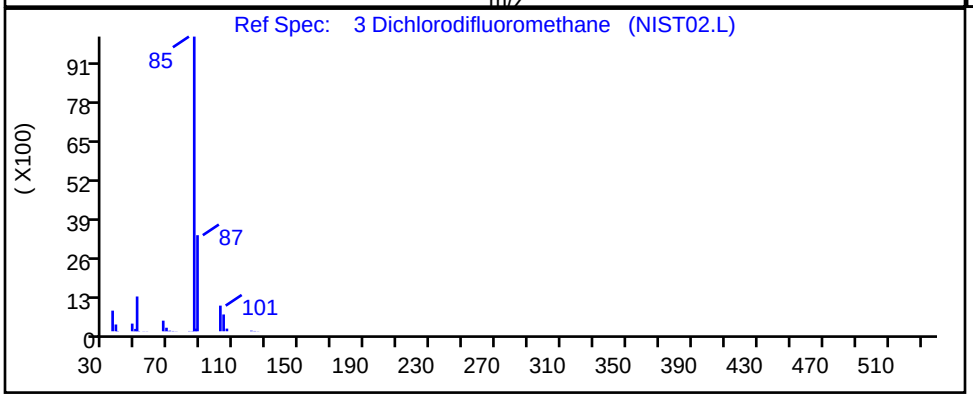
Processing Results











RT	Mass	Response	Amount
0.84	85.00	891	0.258850
0.84	87.00	425	

Reviewer: NN6A, 21-Oct-2022 09:35:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

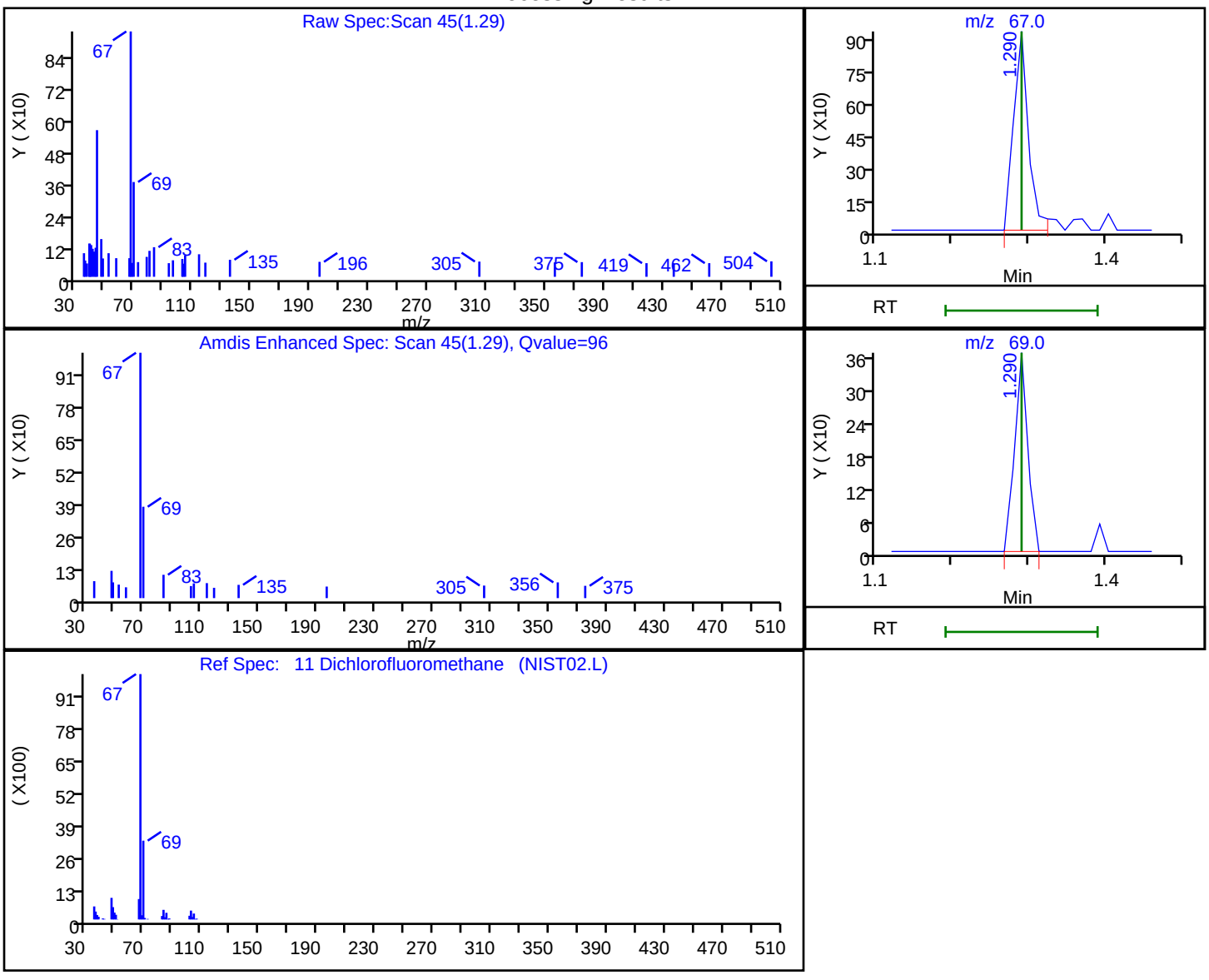
User Disabled Compound Report

Eurofins Edison

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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.29	67.00	1273	0.278587
1.29	69.00	434	

Reviewer: NN6A, 21-Oct-2022 09:35:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

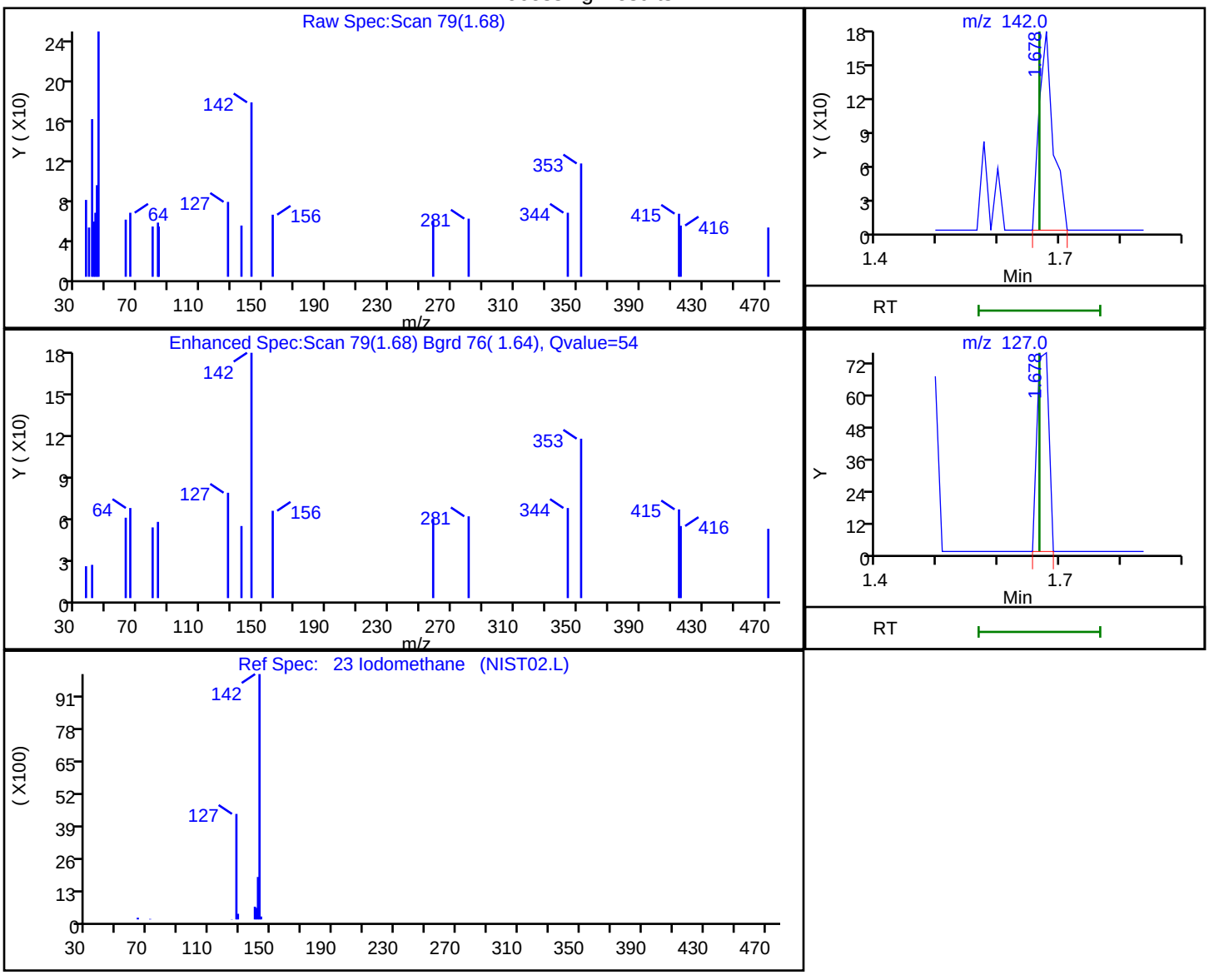
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
1.68	142.00	282	0.067681
1.68	127.00	103	

Reviewer: NN6A, 21-Oct-2022 09:35:16
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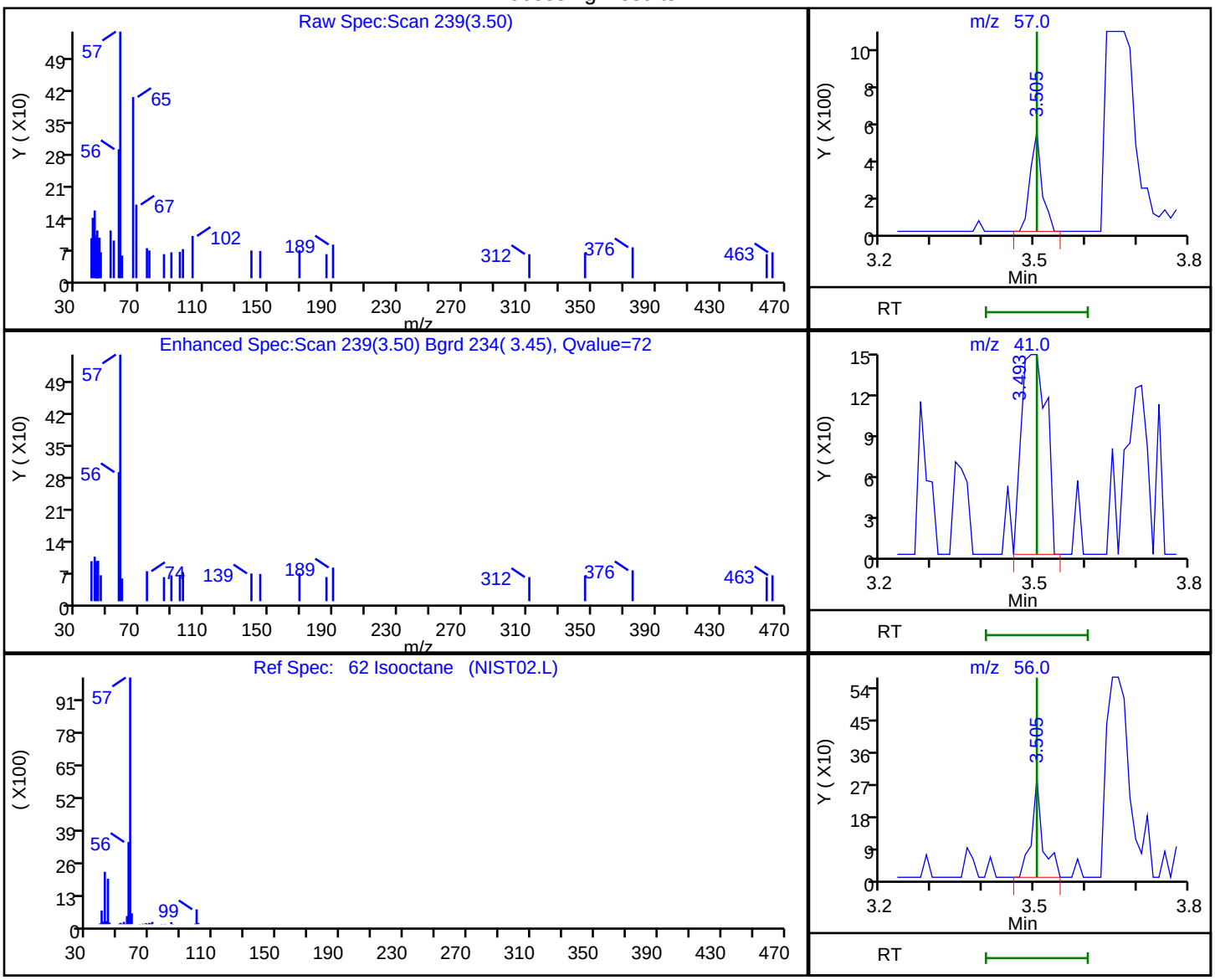
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Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.50	57.00	859	0.222455
3.49	41.00	509	
3.50	56.00	434	

Reviewer: NN6A, 21-Oct-2022 09:35:29
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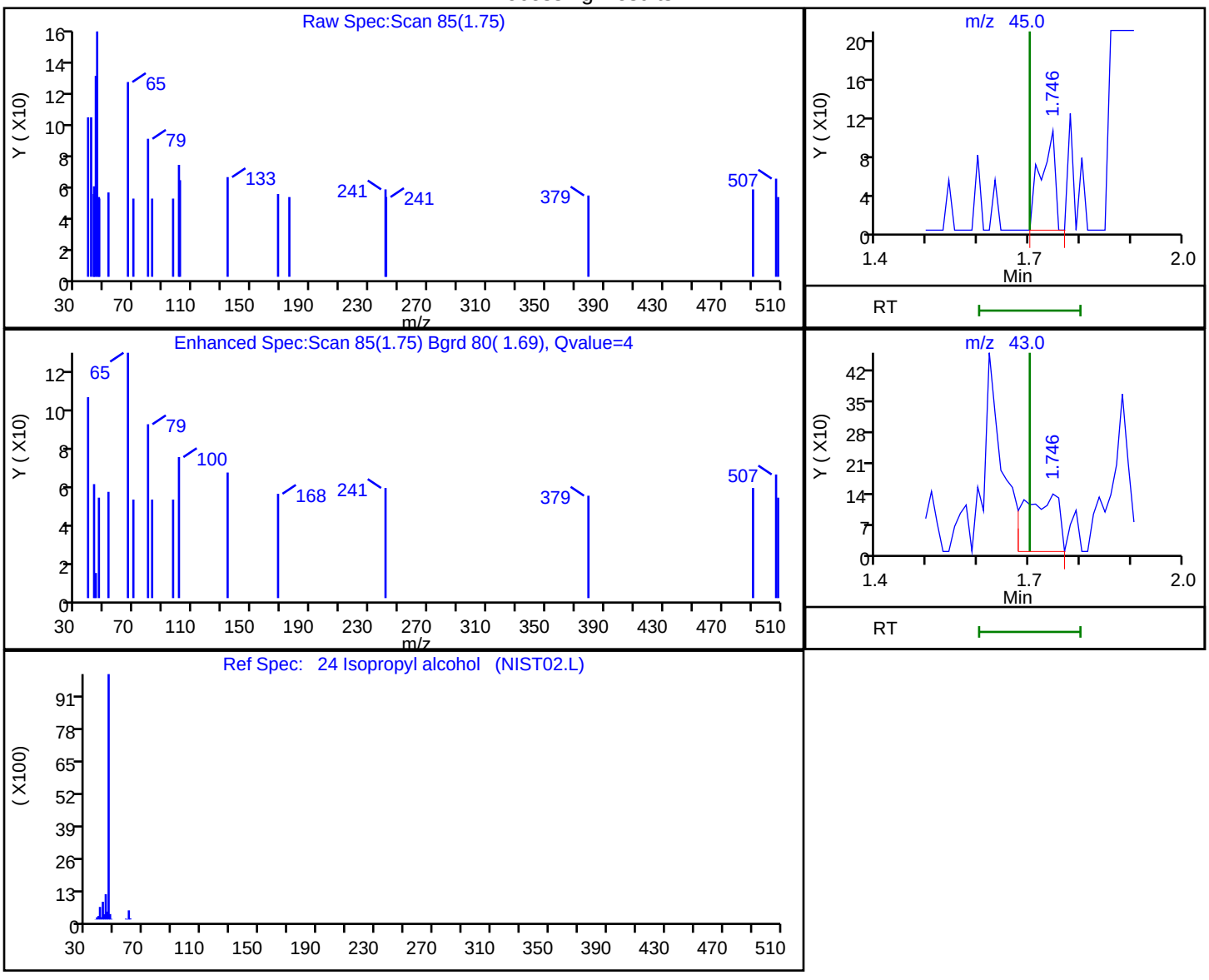
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Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.75	45.00	201	3.329566
1.75	43.00	603	

Reviewer: NN6A, 21-Oct-2022 09:35:16
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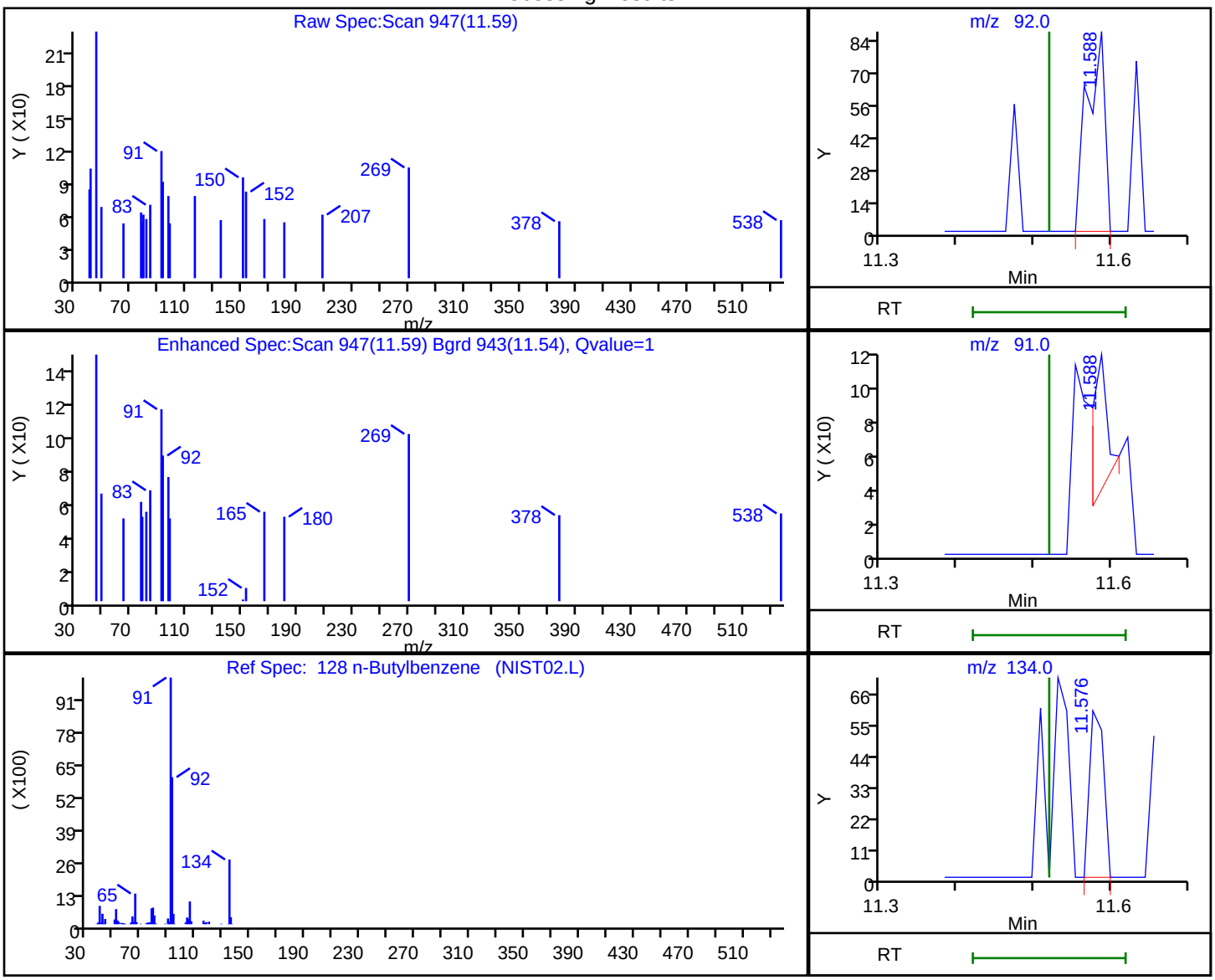
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.59	92.00	140	0.056266
11.59	91.00	100	
11.58	134.00	77	

Reviewer: NN6A, 21-Oct-2022 09:35:50
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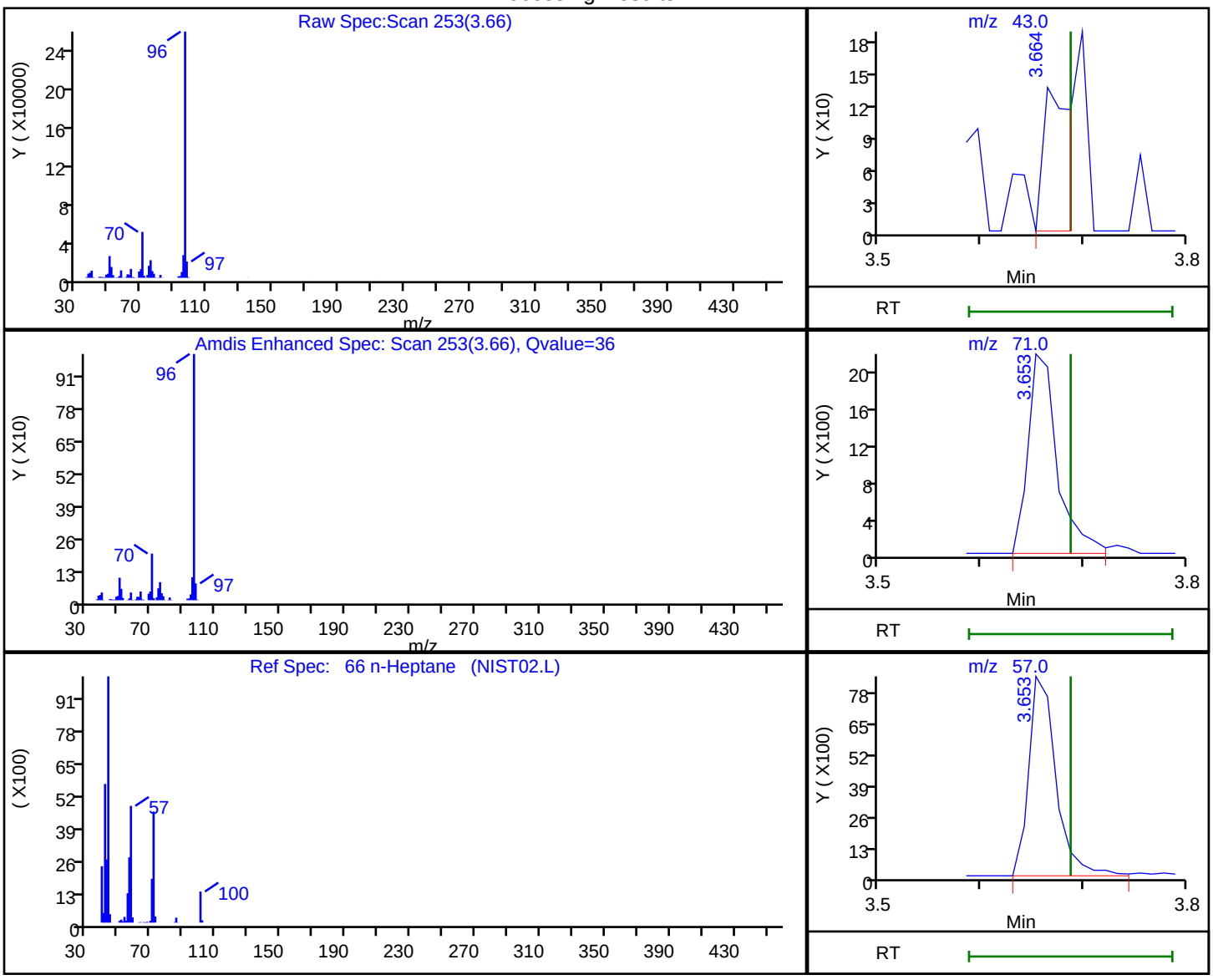
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.66	43.00	251	0.195921
3.65	71.00	4394	
3.65	57.00	15826	

Reviewer: NN6A, 21-Oct-2022 09:35:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

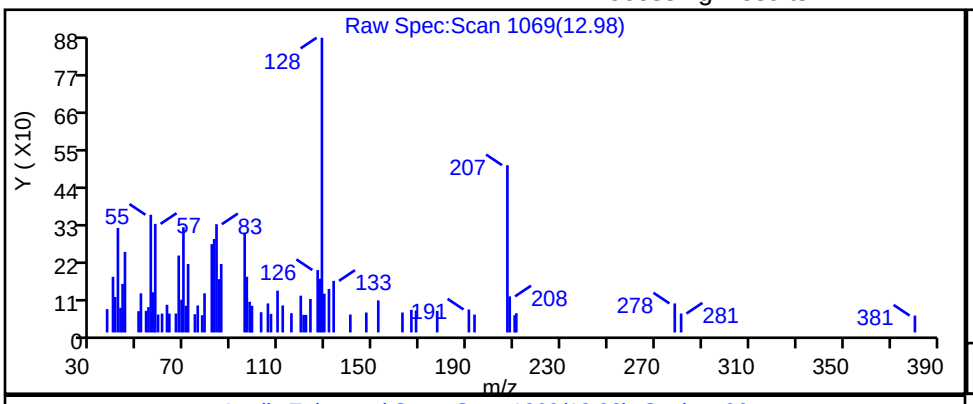
User Disabled Compound Report

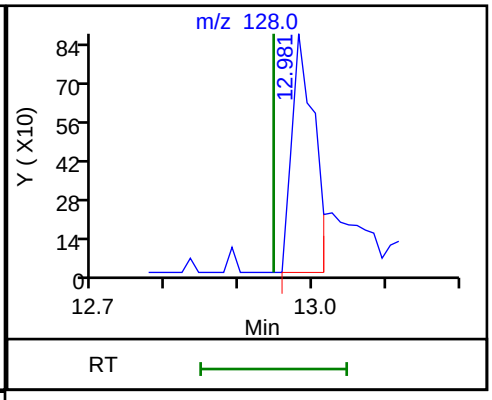
Eurofins Edison

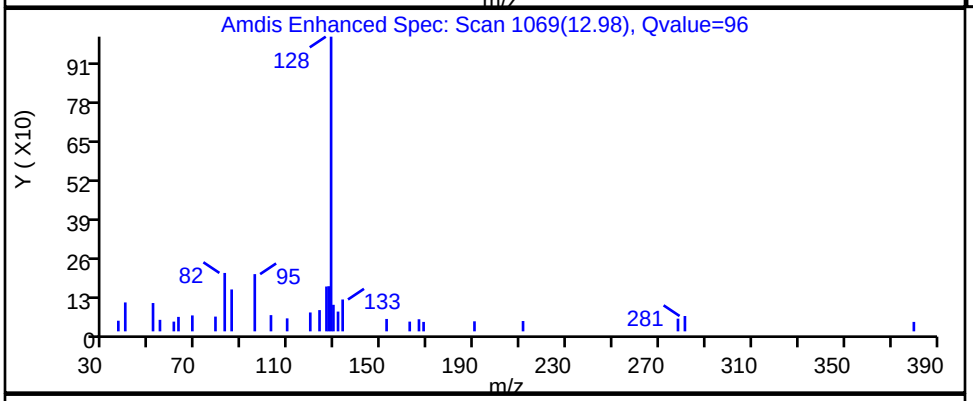
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

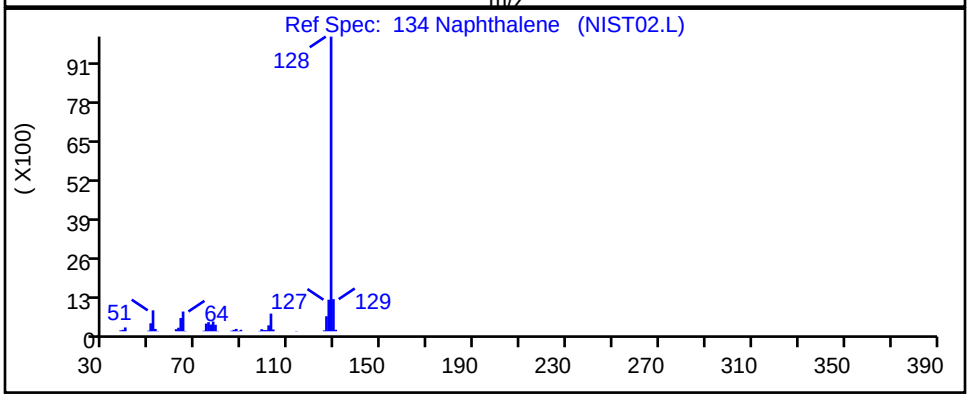
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.98	128.00	1858	0.333587

Reviewer: NN6A, 21-Oct-2022 09:35:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

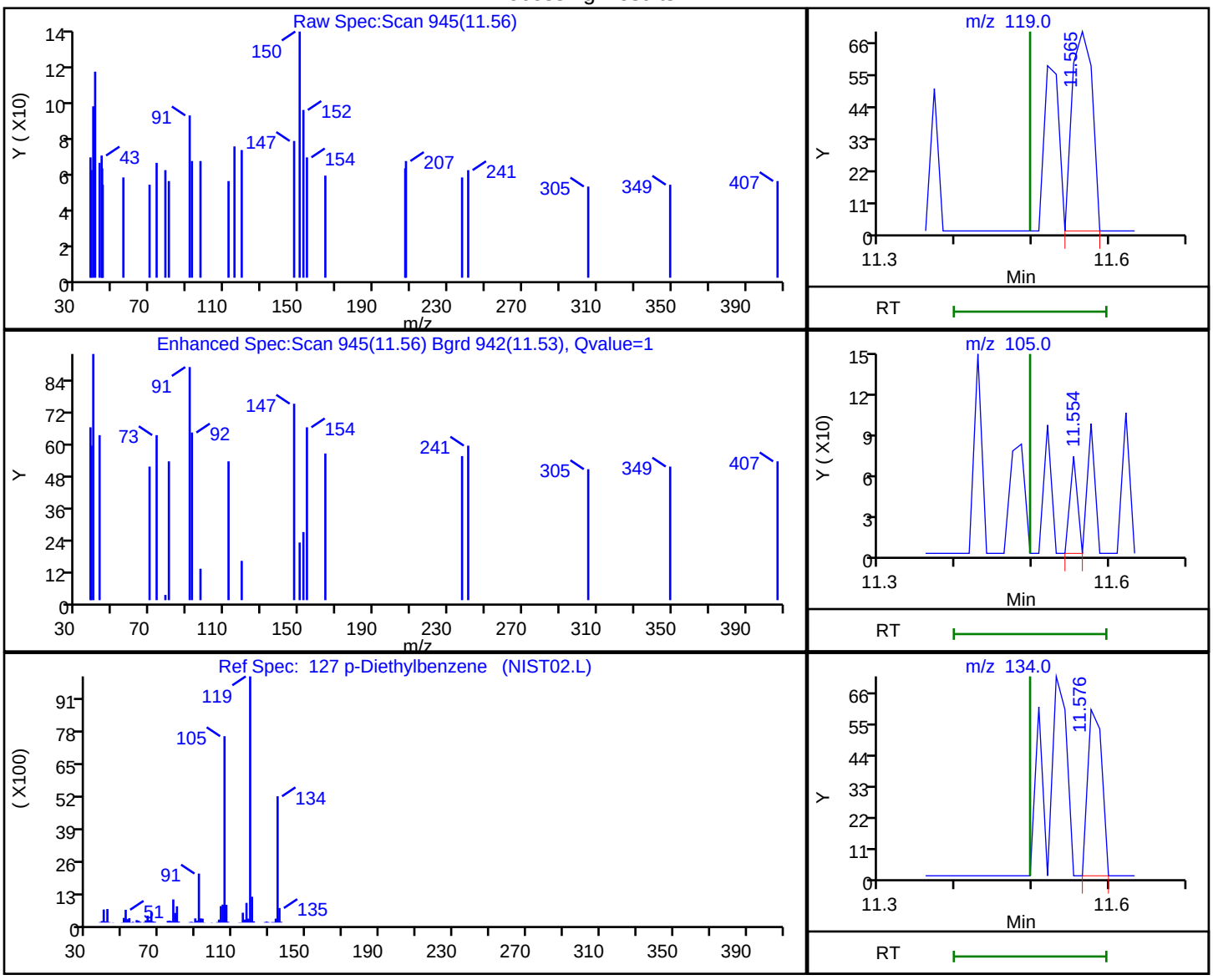
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.56	119.00	128	0.041085
11.55	105.00	49	
11.58	134.00	77	

Reviewer: NN6A, 21-Oct-2022 09:35:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

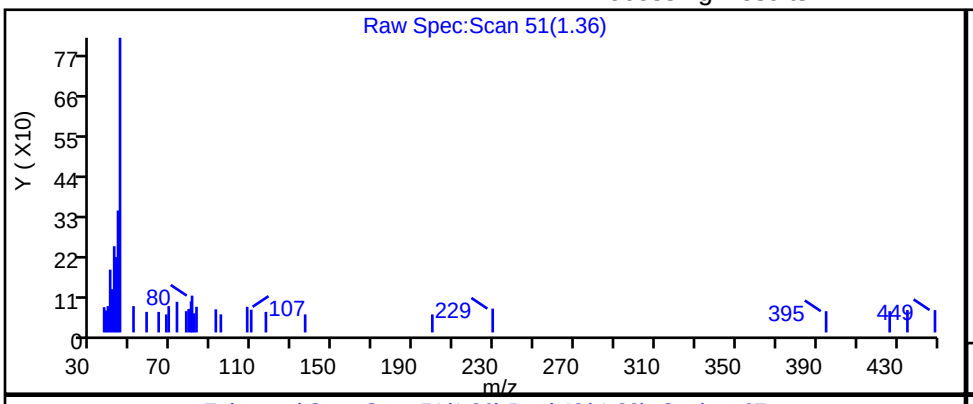
User Disabled Compound Report

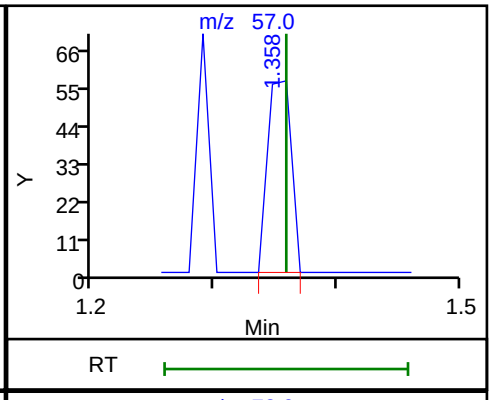
Eurofins Edison

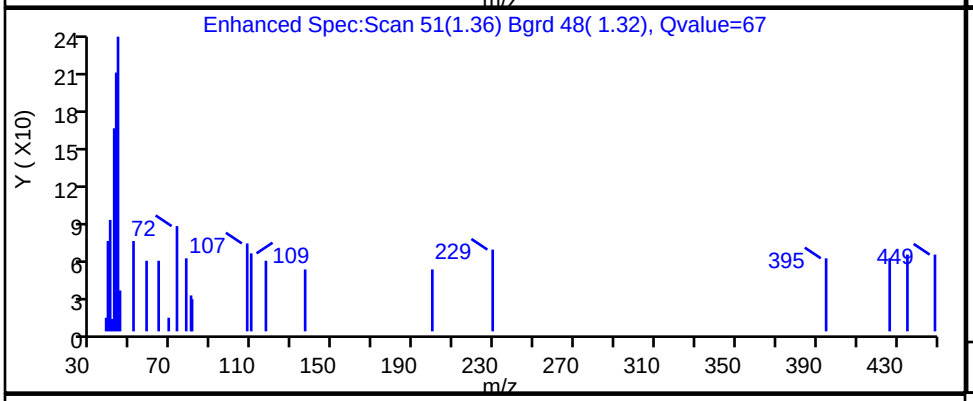
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

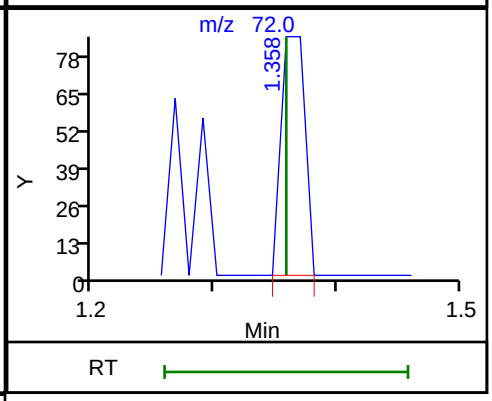
13 Pentane, CAS: 109-66-0

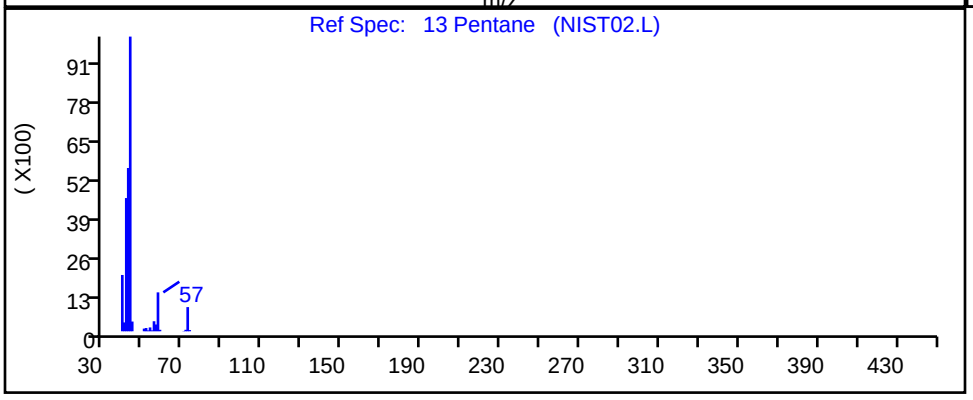
Processing Results











RT	Mass	Response	Amount
1.36	57.00	77	0.179636
1.36	72.00	116	

Reviewer: NN6A, 21-Oct-2022 09:35:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

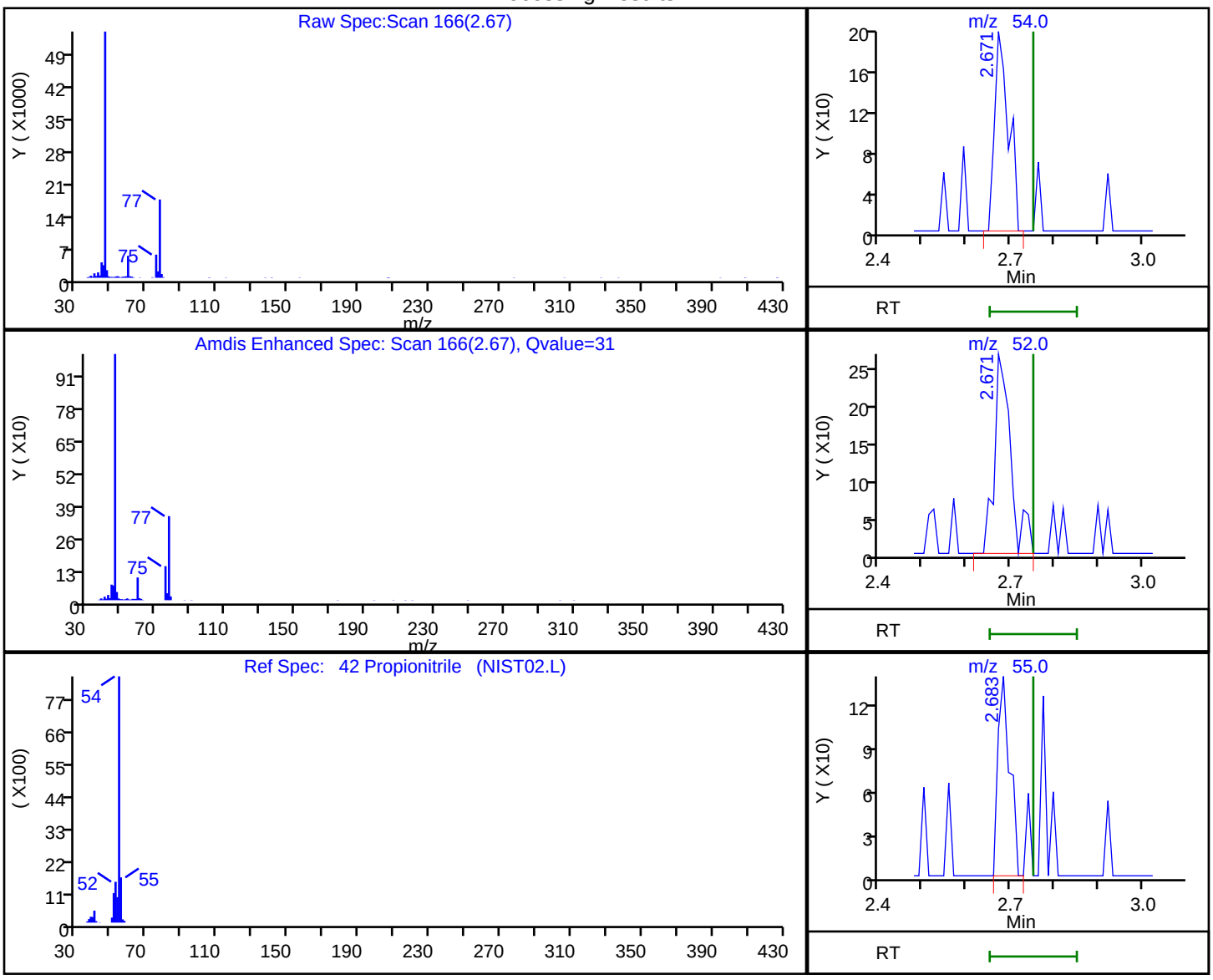
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.67	54.00	422	2.303548
2.67	52.00	680	
2.68	55.00	251	

Reviewer: NN6A, 21-Oct-2022 09:35:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

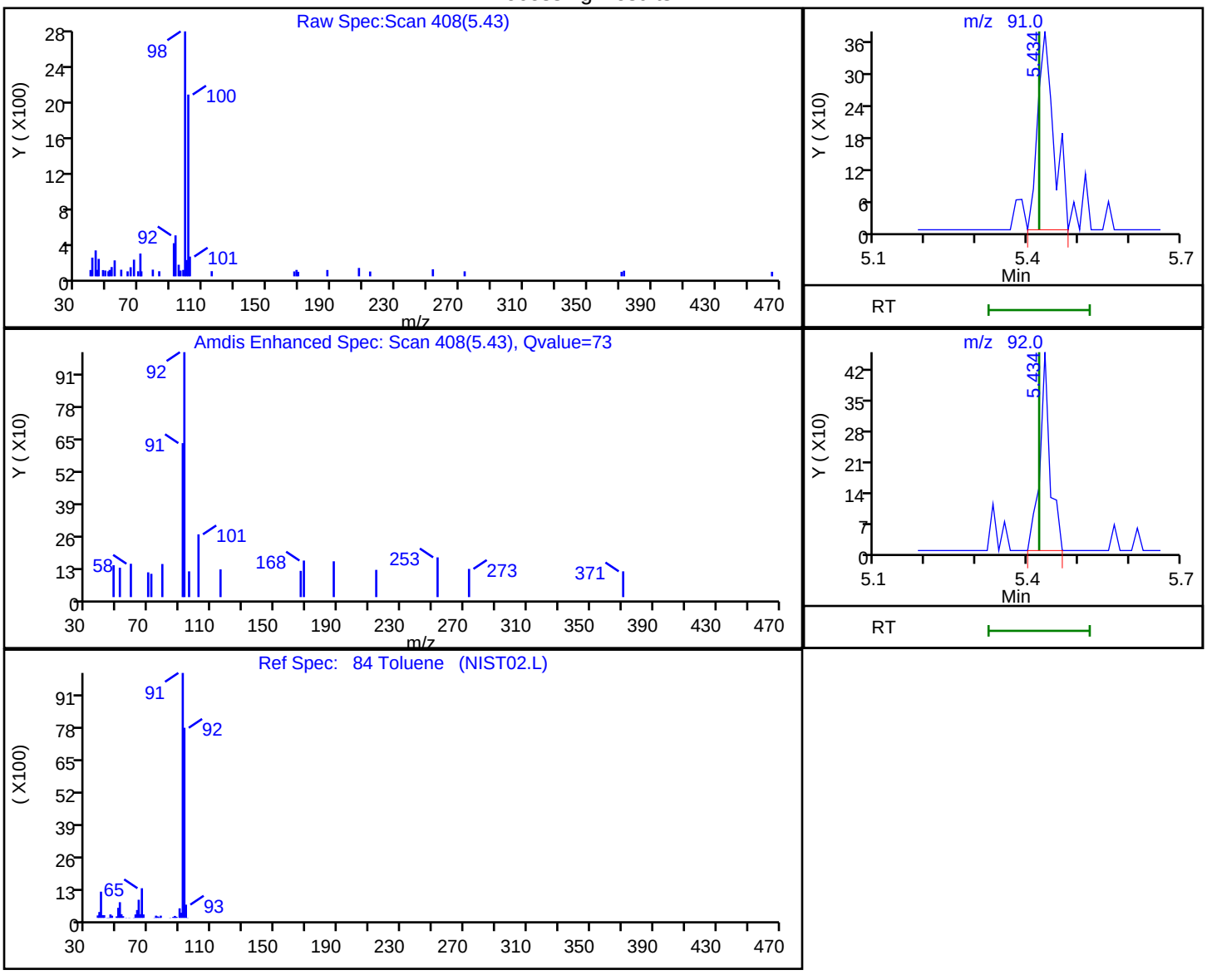
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.43	91.00	830	0.082683
5.43	92.00	639	

Reviewer: NN6A, 21-Oct-2022 09:35:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

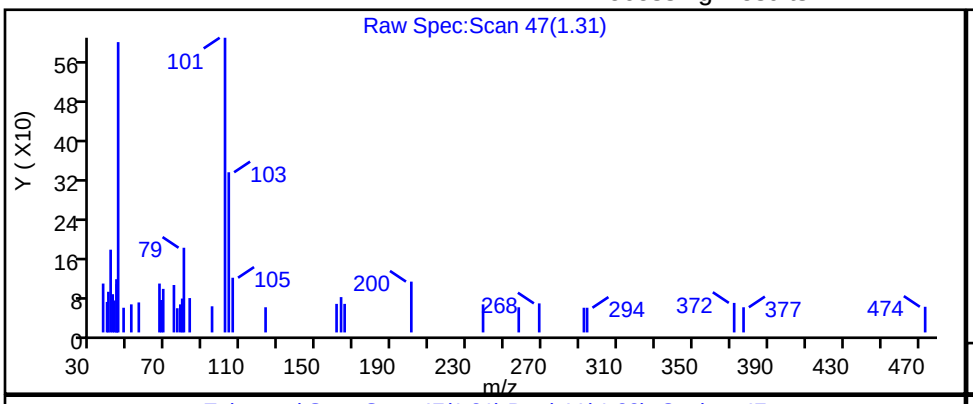
User Disabled Compound Report

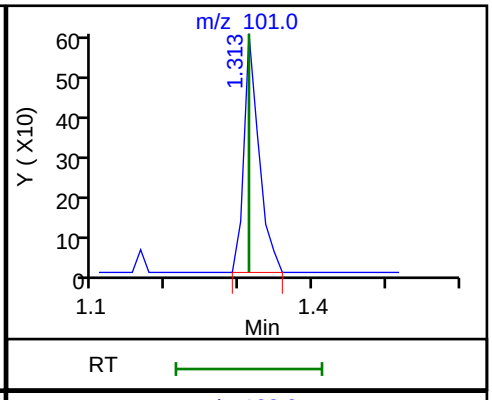
Eurofins Edison

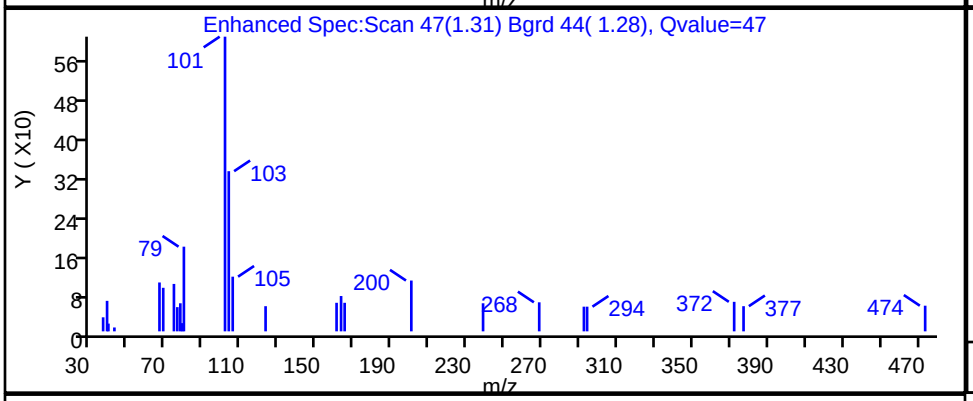
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Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

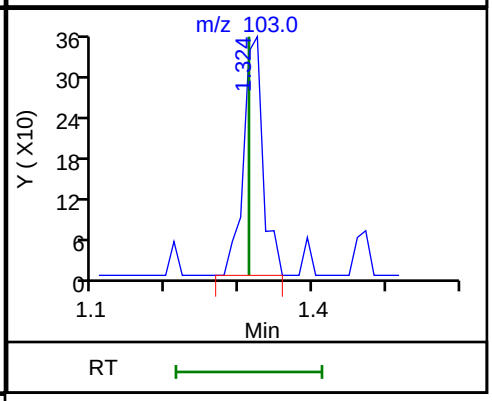
12 Trichlorofluoromethane, CAS: 75-69-4

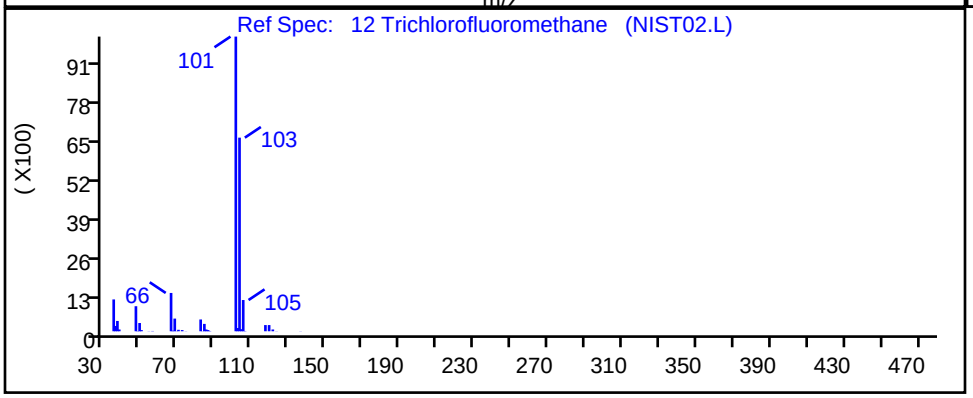
Processing Results











RT	Mass	Response	Amount
1.31	101.00	869	0.249832
1.32	103.00	651	

Reviewer: NN6A, 21-Oct-2022 09:35:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

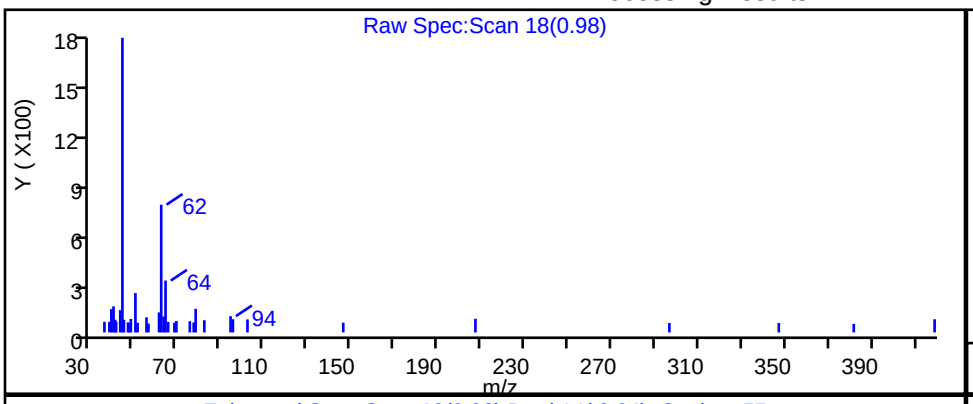
User Disabled Compound Report

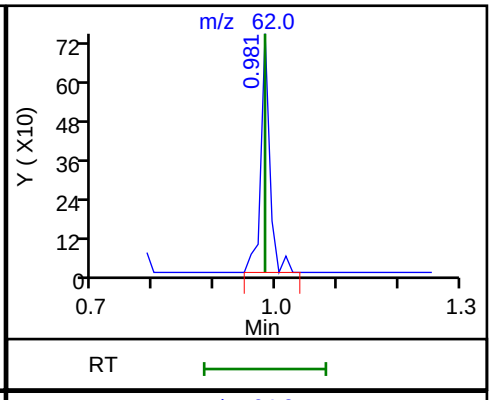
Eurofins Edison

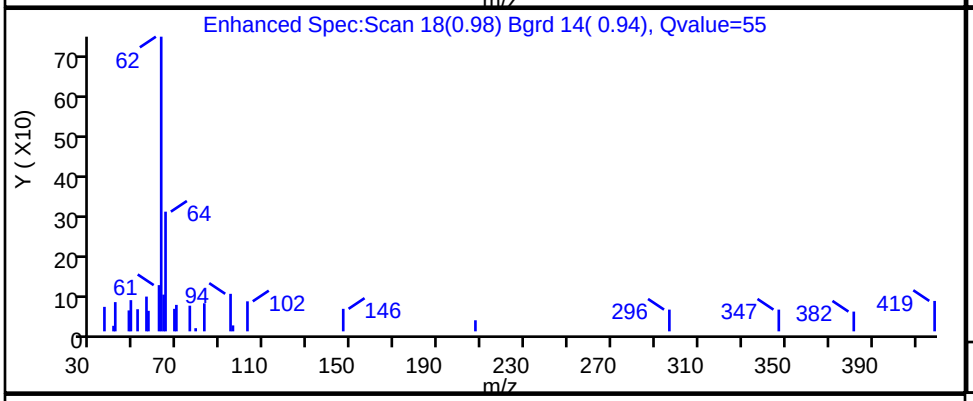
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82987.d
Injection Date: 20-Oct-2022 13:52:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

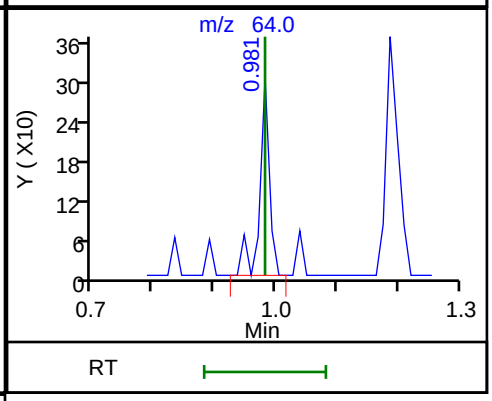
7 Vinyl chloride, CAS: 75-01-4

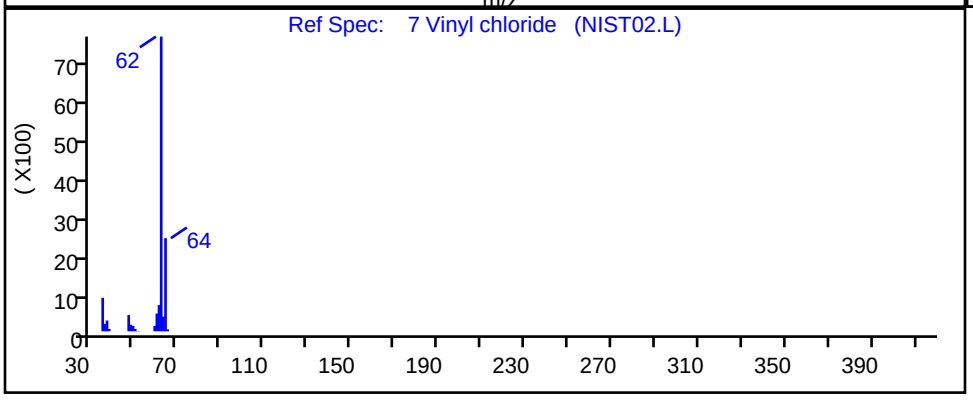
Processing Results











RT	Mass	Response	Amount
0.98	62.00	756	0.297820
0.98	64.00	337	

Reviewer: NN6A, 21-Oct-2022 09:35:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Oct-2022 14:17:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0152018-004
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:14:59 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: RD6L Date: 20-Oct-2022 14:50:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.822	0.822	0.000	80	1445	1.00	1.30	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	96	3372	1.00	0.9050	M
5 Chlorodifluoromethane	67	0.856	0.856	0.000	84	814	1.00	1.32	
6 Chloromethane	50	0.947	0.947	0.000	95	2891	1.00	1.01	
7 Vinyl chloride	62	0.981	0.981	0.000	94	2430	1.00	0.9399	
8 Butadiene	54	0.993	0.993	0.000	67	1426	1.00	0.7177	M
9 Bromomethane	94	1.141	1.141	0.000	93	2898	1.00	1.35	
10 Chloroethane	64	1.187	1.187	0.000	96	1880	1.00	1.04	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	97	4915	1.00	1.04	
12 Trichlorofluoromethane	101	1.313	1.313	0.001	97	3143	1.00	0.8589	
13 Pentane	57	1.358	1.358	0.000	98	1014	2.00	2.25	
14 Ethanol	46	1.427	1.415	0.012	47	384	40.0	44.2	
15 Ethyl ether	59	1.472	1.461	0.011	82	1525	1.00	1.01	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	86	2172	1.00	1.00	
17 2-Methyl-1,3-butadiene	53	1.484	1.472	0.012	91	1865	1.00	0.9553	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.495	0.012	92	2873	1.00	0.9226	
19 Acrolein	56	1.541	1.529	0.012	26	344	4.00	1.74	
20 1,1-Dichloroethene	96	1.587	1.587	0.001	94	2214	1.00	1.04	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.598	1.587	0.012	87	2205	1.00	1.01	
22 Acetone	58	1.621	1.609	0.012	93	534	5.00	5.46	
23 Iodomethane	142	1.666	1.666	0.000	96	4465	1.00	1.02	
25 Carbon disulfide	76	1.701	1.701	0.000	99	8500	1.00	1.05	
24 Isopropyl alcohol	45	1.712	1.701	0.011	25	776	10.0	12.4	
26 Acetonitrile	38	1.781	1.781	0.000	80	844	10.0	12.3	
27 3-Chloro-1-propene	76	1.792	1.781	0.011	89	1346	1.00	0.8674	
28 Methyl acetate	43	1.815	1.803	0.012	49	671	2.00	2.04	
29 Cyclopentene	67	1.838	1.838	0.000	89	4000	1.00	0.9355	
30 Methylene Chloride	84	1.861	1.861	0.000	86	3274	1.00	1.09	
* 31 TBA-d9 (IS)	65	1.872	1.872	0.000	98	98967	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	55	1537	10.0	13.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.032	1.998	0.034	46	3054	10.0	5.94	
34 trans-1,2-Dichloroethene	96	2.032	2.020	0.012	66	2452	1.00	1.00	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	94	6251	1.00	1.04	
36 Hexane	57	2.215	2.214	0.000	88	1828	1.00	0.9324	
37 1,1-Dichloroethane	63	2.294	2.283	0.011	99	4225	1.00	0.9825	
38 Vinyl acetate	86	2.374	2.340	0.034	85	595	2.00	1.76	
39 Isopropyl ether	45	2.352	2.351	0.001	89	6155	1.00	0.9291	
40 2-Chloro-1,3-butadiene	88	2.363	2.351	0.012	69	2219	1.00	0.9045	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	89	6778	1.00	0.9422	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	108873	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	83	982	1.00	1.08	
45 cis-1,2-Dichloroethene	96	2.705	2.694	0.011	92	2409	1.00	0.9135	
46 2-Butanone (MEK)	72	2.751	2.717	0.034	20	786	5.00	5.09	a
42 Propionitrile	54	2.820	2.751	0.069	78	971	10.0	10.1	Ma
47 Ethyl acetate	70	2.808	2.785	0.023	15	273	2.00	1.83	
48 Methyl acrylate	55	2.865	2.808	0.057	12	1230	1.00	0.8586	a
50 Methacrylonitrile	67	2.888	2.865	0.023	85	4439	10.0	7.90	
49 Chlorobromomethane	128	2.877	2.877	0.000	70	1145	1.00	0.8793	
51 Tetrahydrofuran	42	2.968	2.922	0.046	30	510	2.00	1.82	
52 Chloroform	83	2.957	2.945	0.012	98	4301	1.00	0.99	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	102795	50.0	43.9	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	95	4252	1.00	1.03	
55 Cyclohexane	84	3.139	3.139	0.000	83	3119	1.00	0.99	
56 Carbon tetrachloride	117	3.231	3.231	0.000	94	2608	1.00	0.8510	
57 1,1-Dichloropropene	75	3.242	3.231	0.011	91	3620	1.00	1.01	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	114252	50.0	45.7	
59 Benzene	78	3.413	3.402	0.011	95	10911	1.00	1.05	
60 1,2-Dichloroethane	62	3.425	3.413	0.012	52	3169	1.00	1.01	
62 Isooctane	57	3.505	3.505	0.000	91	4263	1.00	1.05	
63 Isopropyl acetate	61	3.527	3.516	0.011	69	464	1.00	0.7224	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	88	6597	1.00	0.9462	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	541414	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	1	1359	1.00	1.01	a
67 Trichloroethene	95	4.030	4.007	0.023	89	2802	1.00	1.01	
69 Ethyl acrylate	55	4.201	4.190	0.011	71	1619	1.00	1.03	a
70 Methylcyclohexane	83	4.201	4.201	0.000	85	2645	1.00	0.9494	
71 1,2-Dichloropropane	63	4.235	4.224	0.011	78	2080	1.00	0.8402	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	25474	1000.0	1000.0	
73 Dibromomethane	93	4.349	4.338	0.011	25	1323	1.00	0.9313	
74 1,4-Dioxane	88	4.384	4.384	0.000	9	1122	50.0	41.2	
75 Methyl methacrylate	100	4.441	4.406	0.035	79	1054	2.00	1.77	M
76 n-Propyl acetate	43	4.555	4.486	0.069	29	1220	1.00	1.03	a
77 Dichlorobromomethane	83	4.532	4.521	0.011	97	2700	1.00	0.8382	
78 2-Nitropropane	41	4.783	4.772	0.011	37	628	2.00	2.08	
79 2-Chloroethyl vinyl ether	63	4.966	4.909	0.057	40	536	1.00	0.3887	
80 Epichlorohydrin	57	4.989	4.932	0.057	59	2233	20.0	14.7	
81 cis-1,3-Dichloropropene	75	5.057	5.034	0.023	89	3580	1.00	0.8995	
82 4-Methyl-2-pentanone (MIBK)	43	5.274	5.240	0.034	93	4780	5.00	3.73	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	515535	50.0	49.5	
84 Toluene	91	5.434	5.423	0.011	95	12220	1.00	1.06	
85 trans-1,3-Dichloropropene	75	5.777	5.731	0.046	91	2427	1.00	0.7241	
86 Ethyl methacrylate	69	6.016	5.914	0.102	33	1780	1.00	0.6805	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	5.959	5.936	0.023	94	1760	1.00	0.9880	
88 Tetrachloroethene	166	6.108	6.096	0.012	89	2360	1.00	1.06	
89 1,3-Dichloropropane	76	6.153	6.142	0.011	55	3591	1.00	0.9591	
90 2-Hexanone	43	6.542	6.325	0.217	48	2203	5.00	2.58	Ma
91 Chlorodibromomethane	129	6.439	6.427	0.012	97	1878	1.00	0.8272	
93 Ethylene Dibromide	107	6.599	6.541	0.058	46	2246	1.00	0.9782	
92 n-Butyl acetate	43	6.690	6.564	0.126	33	1165	1.00	1.00	a
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	85	403720	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	96	8366	1.00	1.10	
96 1,1,1,2-Tetrachloroethane	131	7.409	7.398	0.011	92	1821	1.00	0.8111	
97 Ethylbenzene	106	7.489	7.466	0.023	98	3374	1.00	0.8963	
98 m-Xylene & p-Xylene	106	7.683	7.649	0.034	97	3479	1.00	0.7718	
99 o-Xylene	106	8.243	8.220	0.023	94	4736	1.00	1.01	
100 Styrene	104	8.300	8.254	0.046	93	5768	1.00	0.7849	M
102 Bromoform	173	8.482	8.471	0.011	32	812	1.00	1.03	
104 Isopropylbenzene	105	8.836	8.825	0.011	95	8853	1.00	0.9213	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	85	119301	50.0	46.8	
106 Bromobenzene	156	9.224	9.190	0.034	95	3028	1.00	1.12	
107 1,1,2,2-Tetrachloroethane	83	9.339	9.327	0.012	90	2604	1.00	1.04	
108 1,2,3-Trichloropropane	75	9.350	9.339	0.011	91	1997	1.00	1.02	
110 N-Propylbenzene	91	9.498	9.476	0.022	99	7573	1.00	0.8540	
111 2-Chlorotoluene	91	9.567	9.544	0.023	96	9208	1.00	1.20	
112 4-Ethyltoluene	105	9.704	9.681	0.023	96	7717	1.00	0.9536	
113 4-Chlorotoluene	91	9.784	9.738	0.046	95	6310	1.00	1.01	
114 1,3,5-Trimethylbenzene	105	9.807	9.795	0.012	90	7613	1.00	1.09	
115 Butyl Methacrylate	87	10.161	10.092	0.069	82	1171	1.00	1.03	
116 tert-Butylbenzene	119	10.309	10.298	0.011	95	5643	1.00	1.06	
117 1,2,4-Trimethylbenzene	105	10.412	10.389	0.023	95	7460	1.00	1.04	
118 sec-Butylbenzene	105	10.686	10.674	0.012	99	6417	1.00	0.9388	
119 1,3-Dichlorobenzene	146	10.789	10.766	0.023	95	4172	1.00	0.9720	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	178962	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.926	10.914	0.012	89	5191	1.00	1.12	
122 4-Isopropyltoluene	119	10.971	10.948	0.023	96	6252	1.00	1.06	
123 1,2,3-Trimethylbenzene	105	11.063	11.051	0.012	97	7541	1.00	0.9740	
124 Benzyl chloride	126	11.222	11.177	0.045	50	316	1.00	0.3598	
125 2,3-Dihydroindene	117	11.314	11.302	0.012	94	8176	1.00	1.00	
126 1,2-Dichlorobenzene	146	11.462	11.439	0.023	92	4241	1.00	0.9893	
127 p-Diethylbenzene	119	11.519	11.496	0.023	84	3604	1.00	1.05	
128 n-Butylbenzene	92	11.542	11.519	0.023	68	2692	1.00	0.9852	M
129 1,2-Dibromo-3-Chloropropane	157	12.227	12.216	0.011	1	162	1.00	1.03	
130 1,2,4,5-Tetramethylbenzene	119	12.239	12.227	0.012	97	6436	1.00	1.06	
131 1,3,5-Trichlorobenzene	180	12.398	12.387	0.011	92	2005	1.00	1.03	
132 1,2,4-Trichlorobenzene	180	12.821	12.809	0.012	89	2039	1.00	1.13	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	87	626	1.00	1.04	
134 Naphthalene	128	12.969	12.946	0.023	99	8210	1.00	1.33	
135 1,2,3-Trichlorobenzene	180	13.106	13.095	0.011	92	1912	1.00	1.19	
S 137 1,2-Dichloroethene, Total	100				0		2.00	1.92	
S 138 Xylenes, Total	100				0		2.00	1.79	
S 139 Total BTEX	1				0		5.00	4.79	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	10.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	10.00	Units: uL	
GASES Li_00498	Amount Added:	10.00	Units: uL	
14DIOXINTER_00146	Amount Added:	30.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:15:00 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d

Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12 Operator ID:

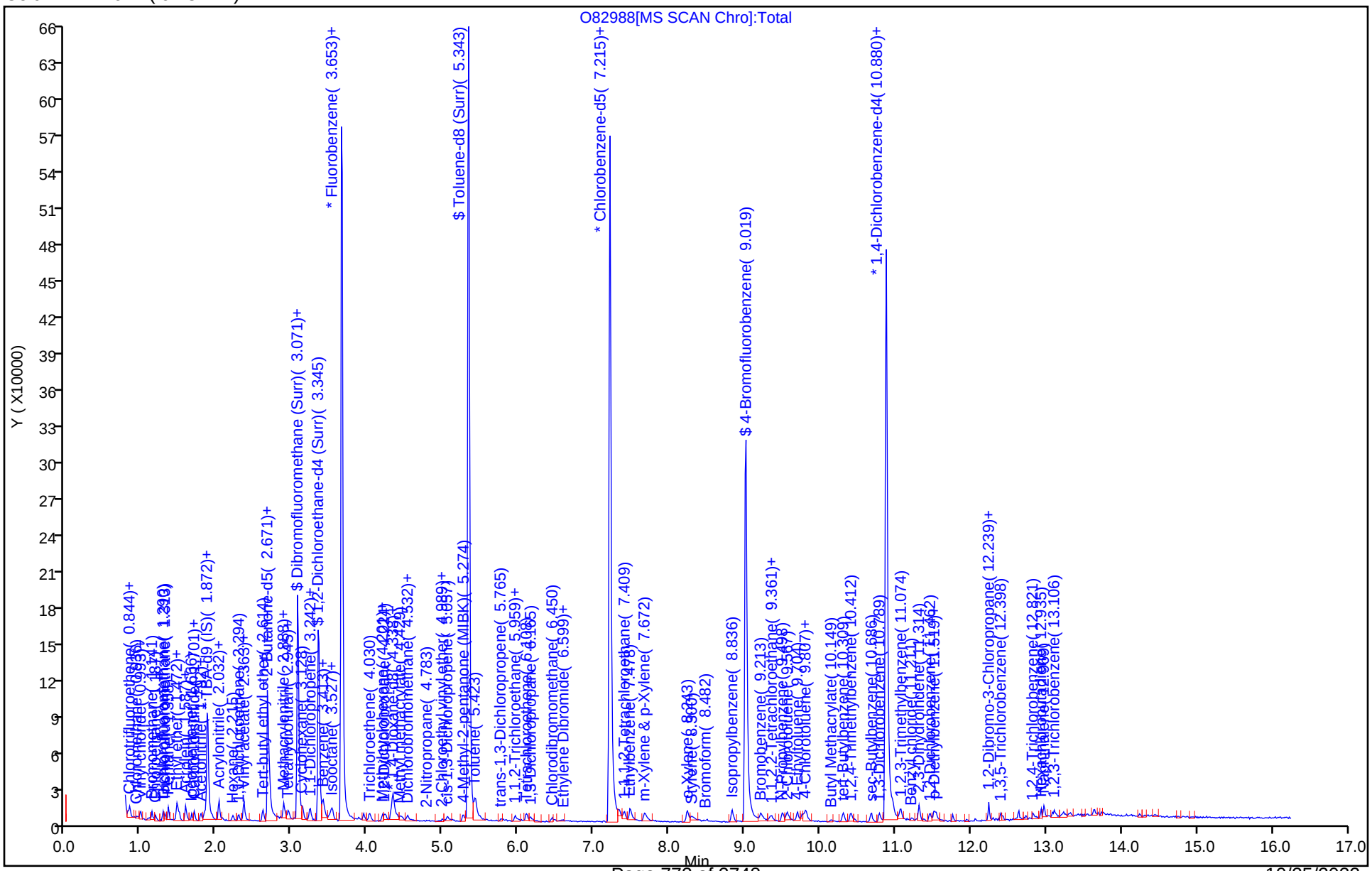
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

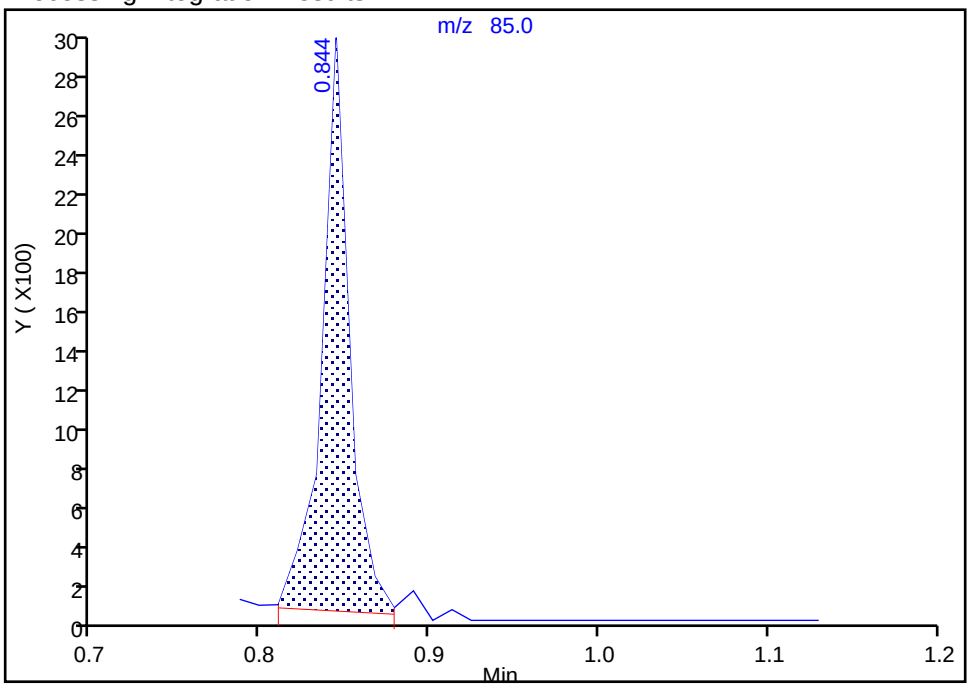
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

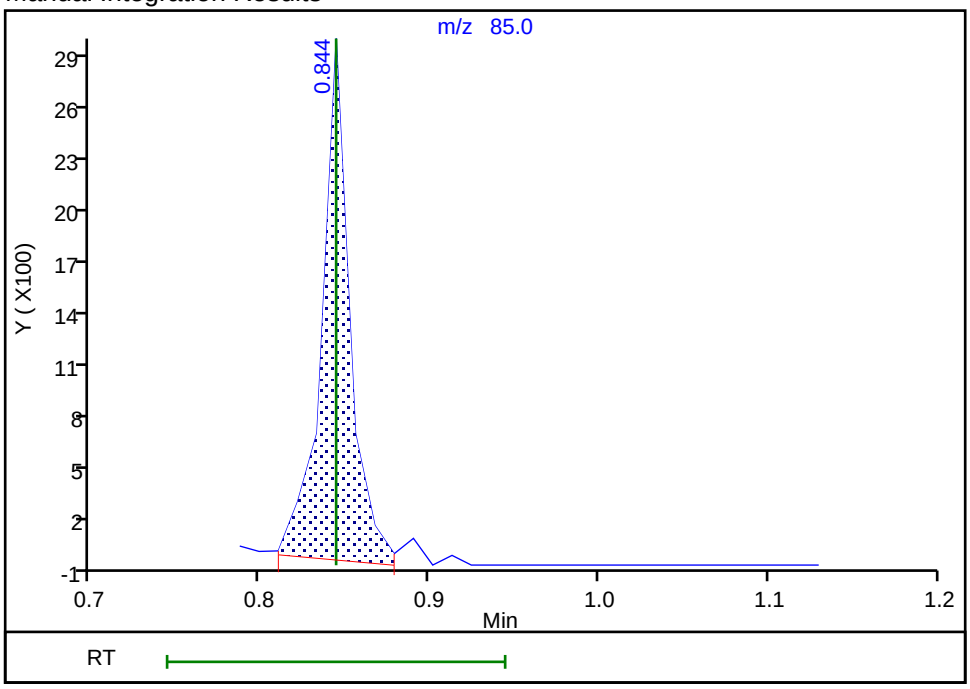
Processing Integration Results

RT: 0.84
Area: 3281
Amount: 0.884178
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 3372
Amount: 0.905002
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:55:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

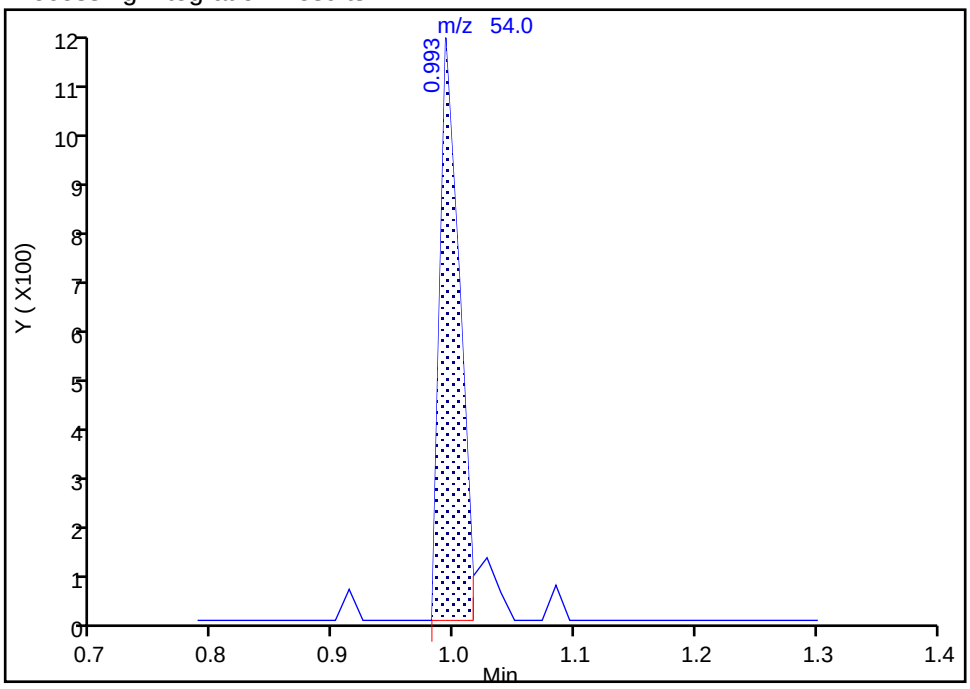
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

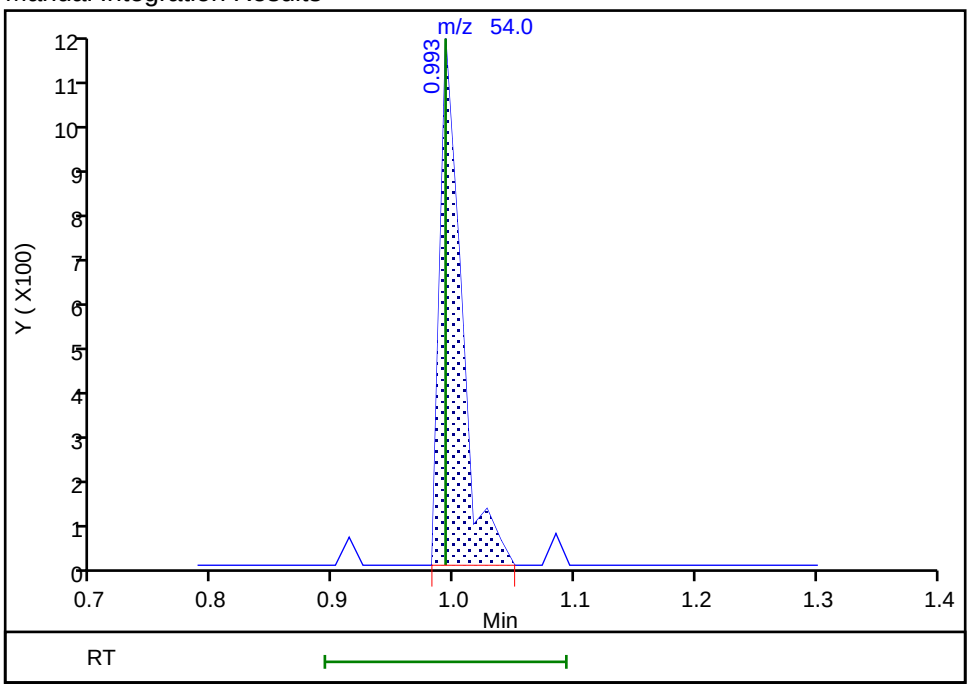
Processing Integration Results

RT: 0.99
Area: 1304
Amount: 0.577107
Amount Units: ug/l



Manual Integration Results

RT: 0.99
Area: 1426
Amount: 0.717695
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:55:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

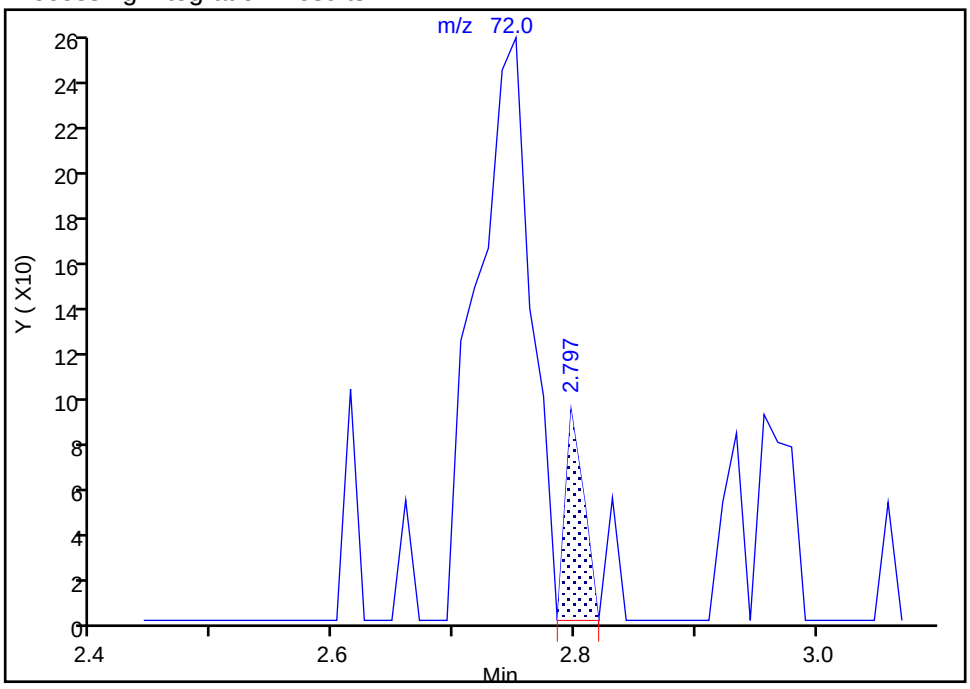
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

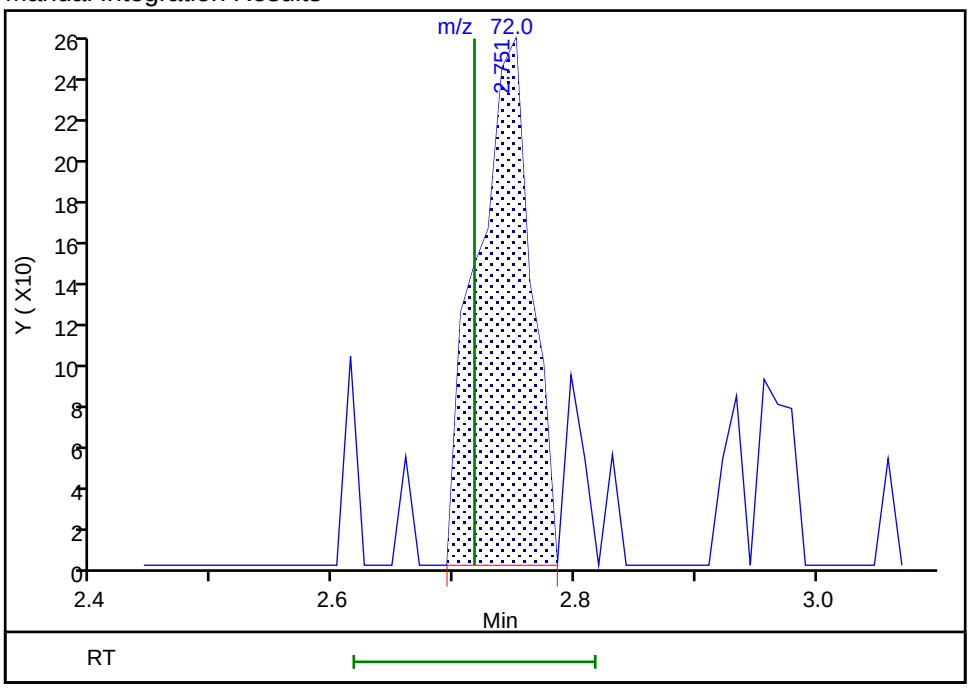
Processing Integration Results

RT: 2.80
Area: 97
Amount: 0.714179
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 786
Amount: 5.091413
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:37:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

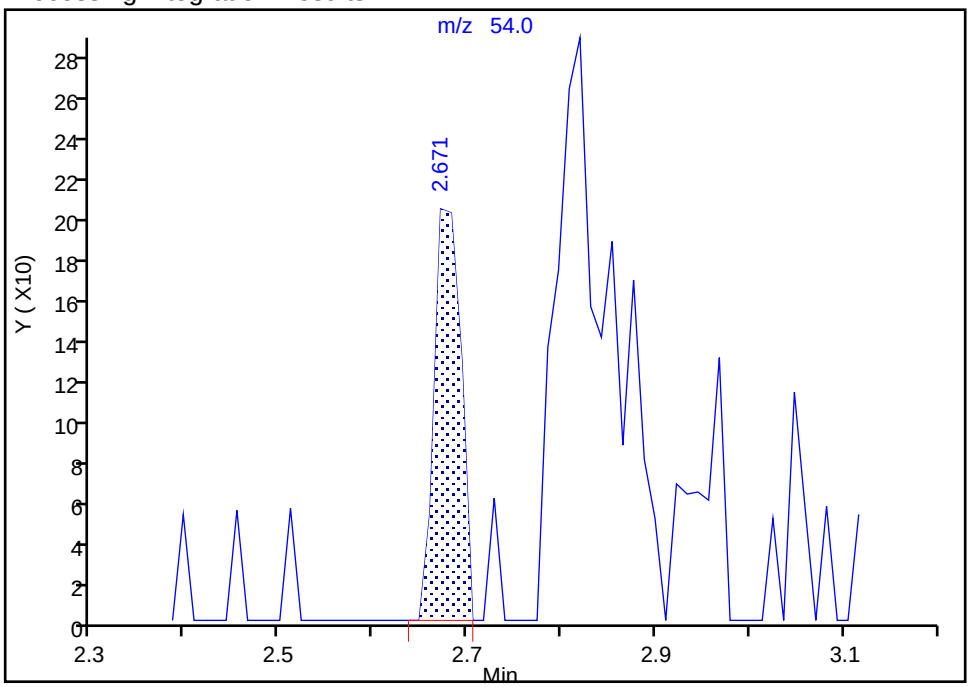
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Signal: 1

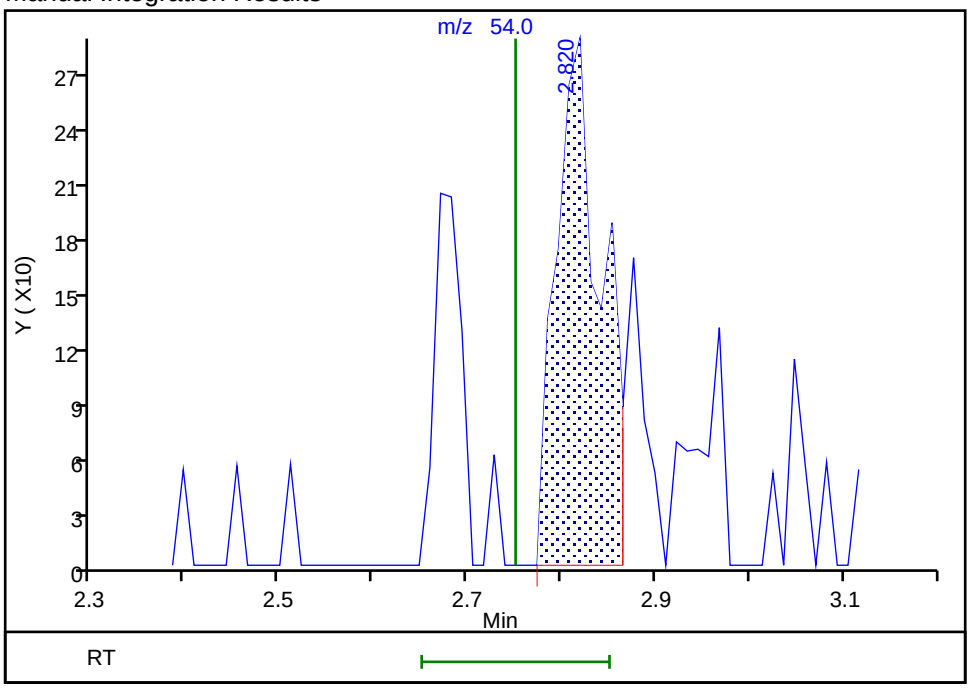
Processing Integration Results

RT: 2.67
Area: 399
Amount: 2.094434
Amount Units: ug/l



Manual Integration Results

RT: 2.82
Area: 971
Amount: 10.117660
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:37:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

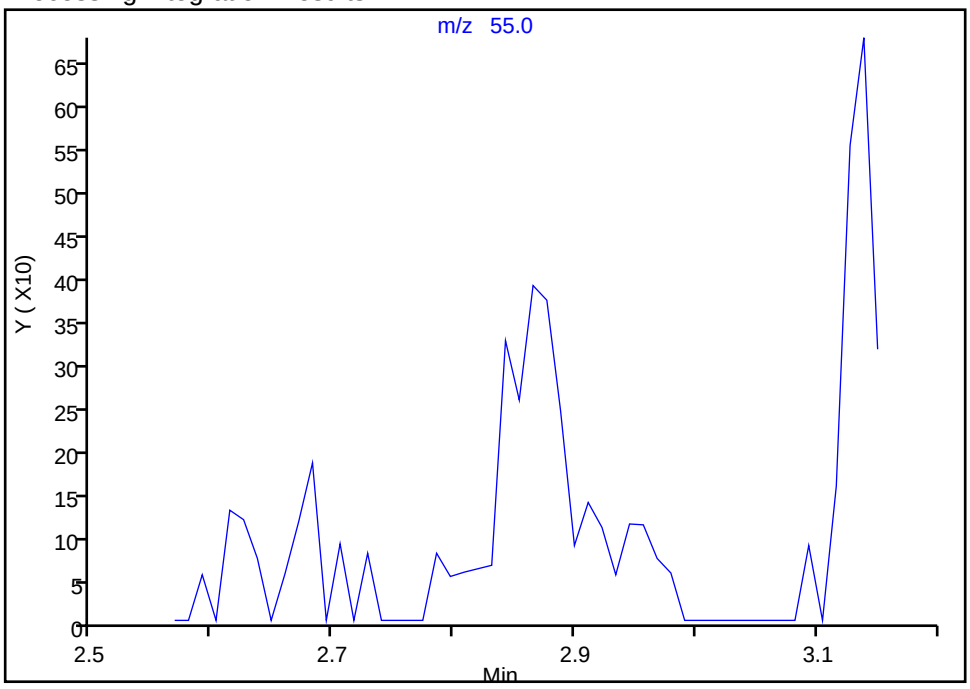
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Signal: 1

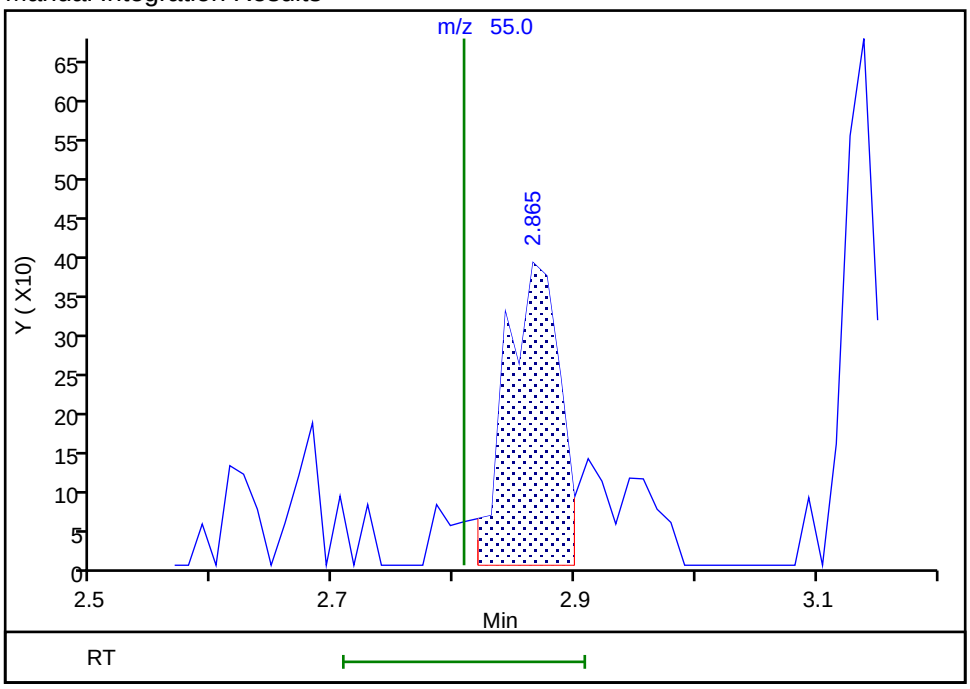
Not Detected
Expected RT: 2.81

Processing Integration Results



Manual Integration Results

RT: 2.87
Area: 1230
Amount: 0.858558
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:37:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

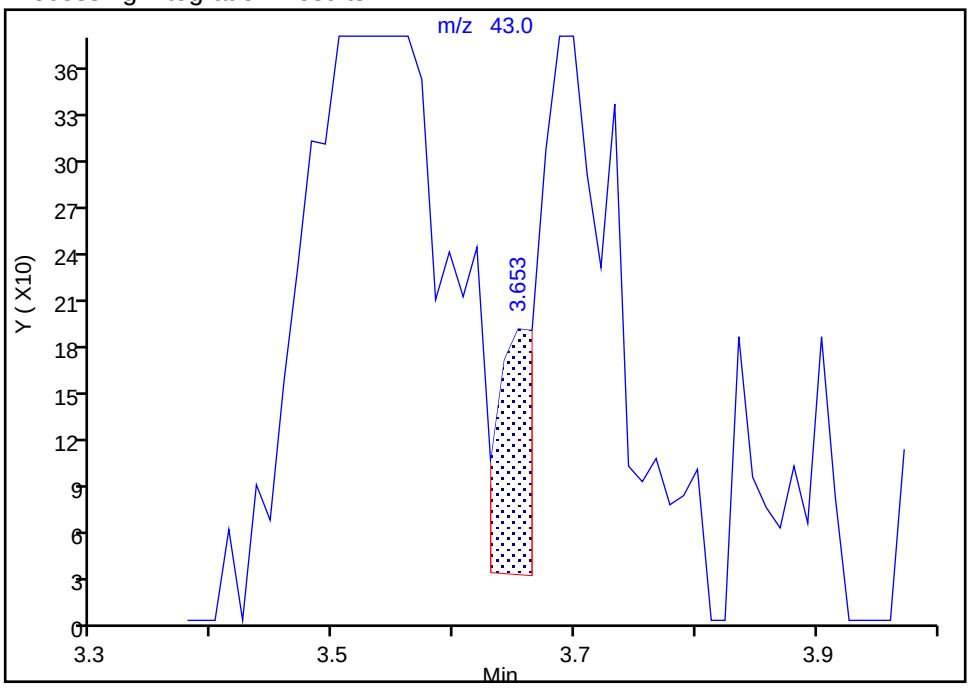
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Signal: 1

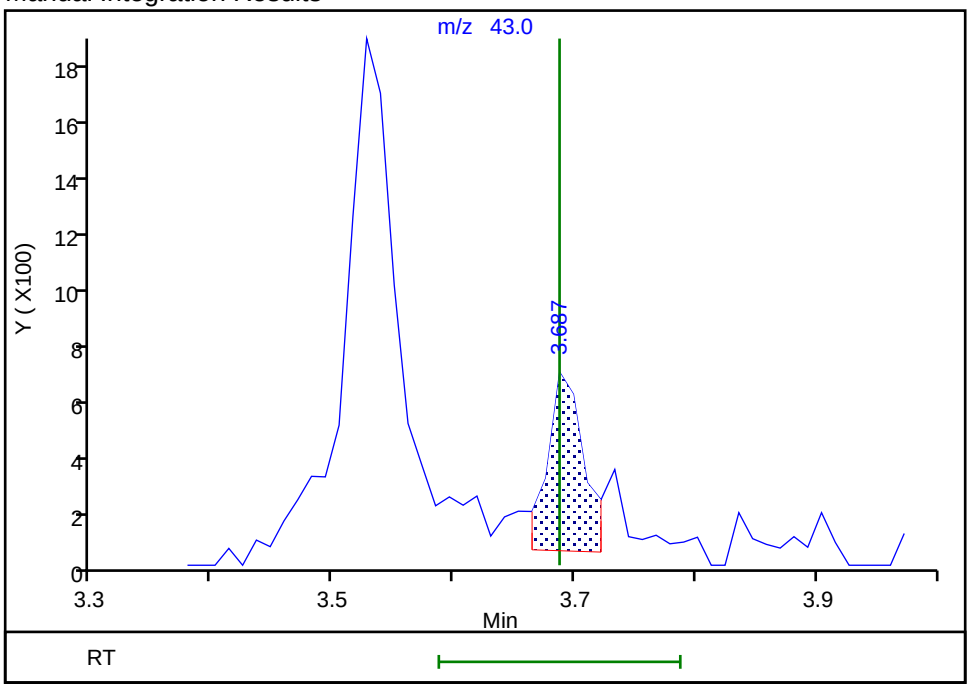
Processing Integration Results

RT: 3.65
Area: 362
Amount: 0.320809
Amount Units: ug/l



Manual Integration Results

RT: 3.69
Area: 1359
Amount: 1.008153
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:38:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

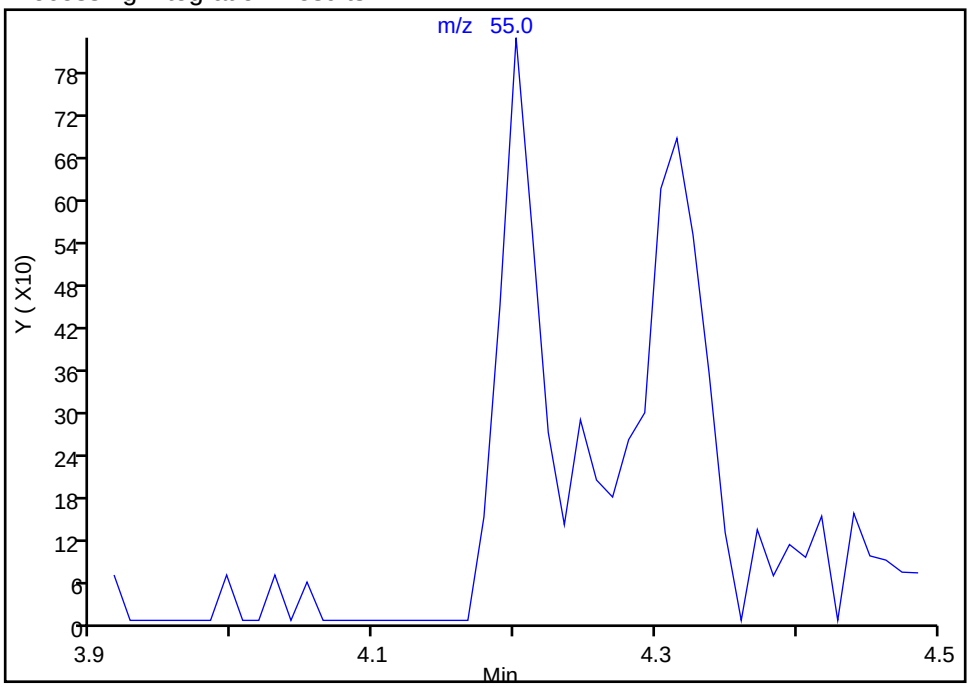
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

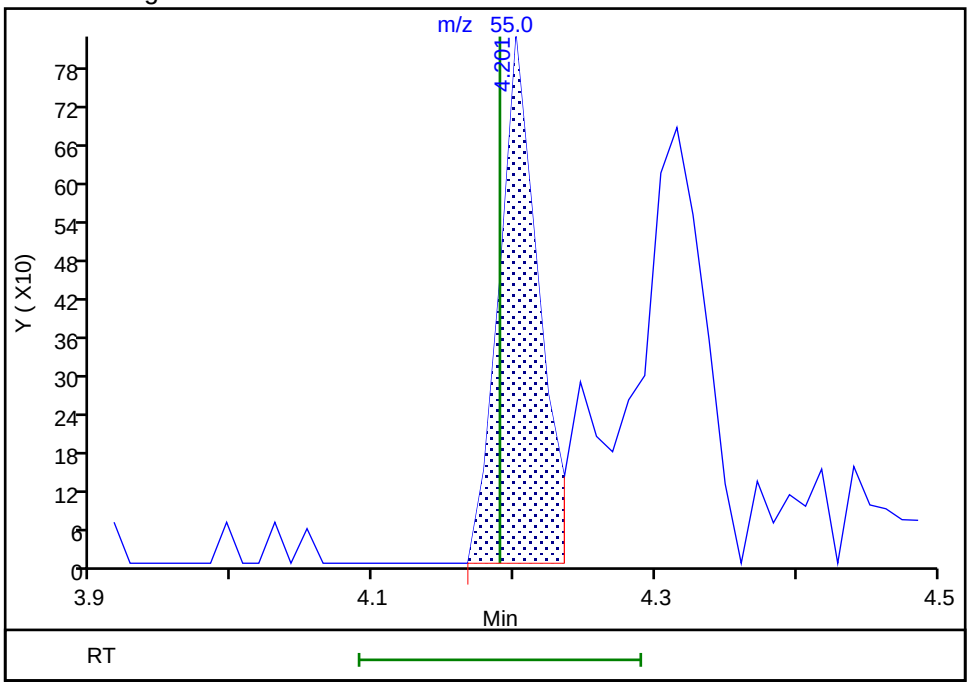
Not Detected
Expected RT: 4.19

Processing Integration Results



Manual Integration Results

RT: 4.20
Area: 1619
Amount: 1.026726
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:38:55
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

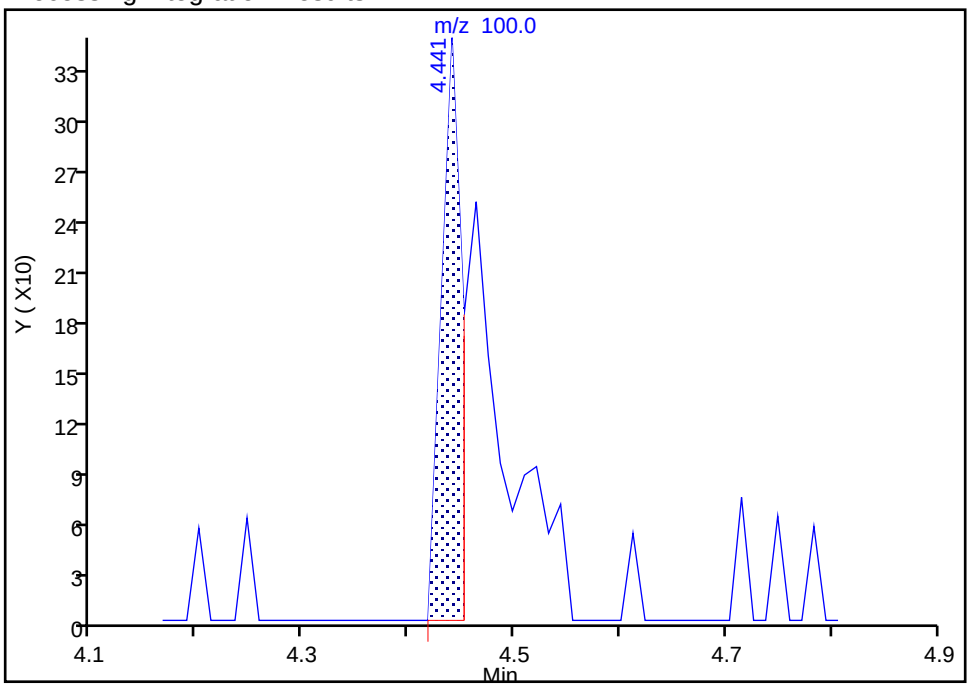
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 Methyl methacrylate, CAS: 80-62-6

Signal: 1

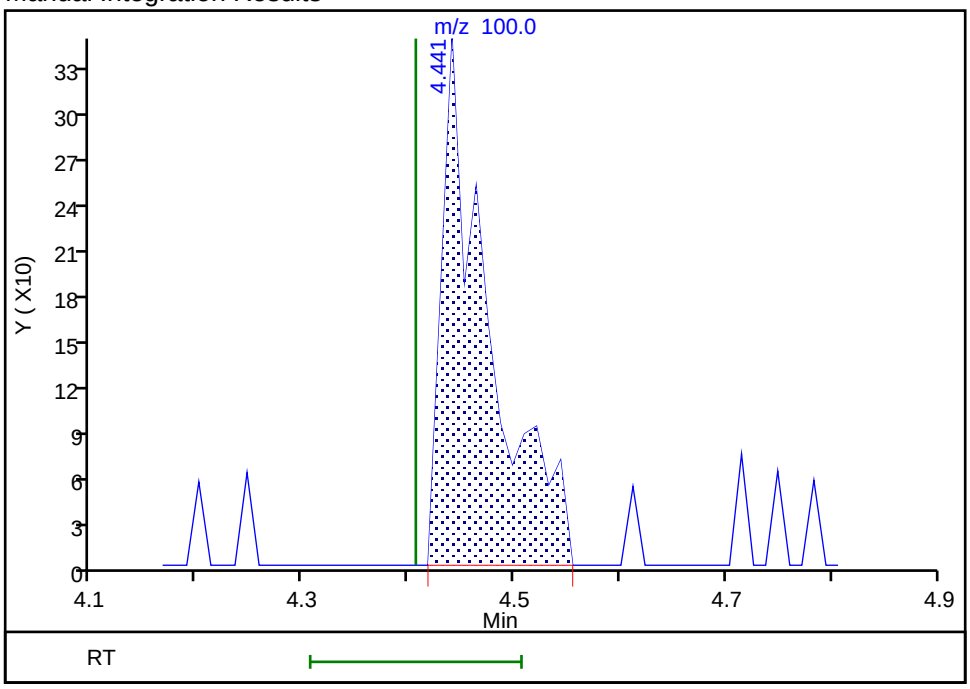
Processing Integration Results

RT: 4.44
Area: 471
Amount: 0.748500
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 1054
Amount: 1.774595
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:39:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

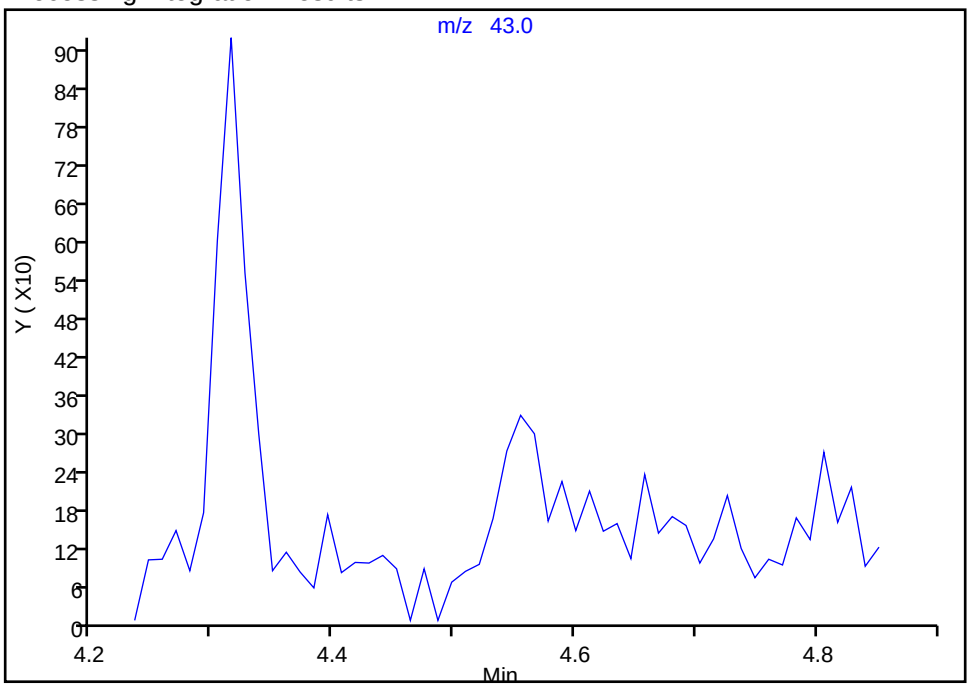
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

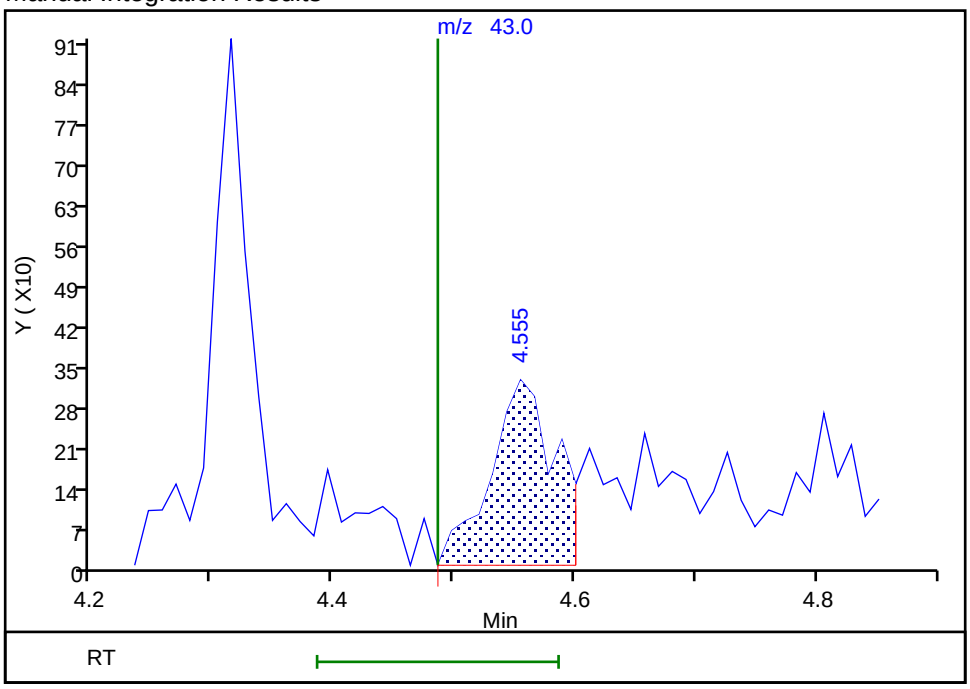
Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results

RT: 4.55
Area: 1220
Amount: 1.027336
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:39:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

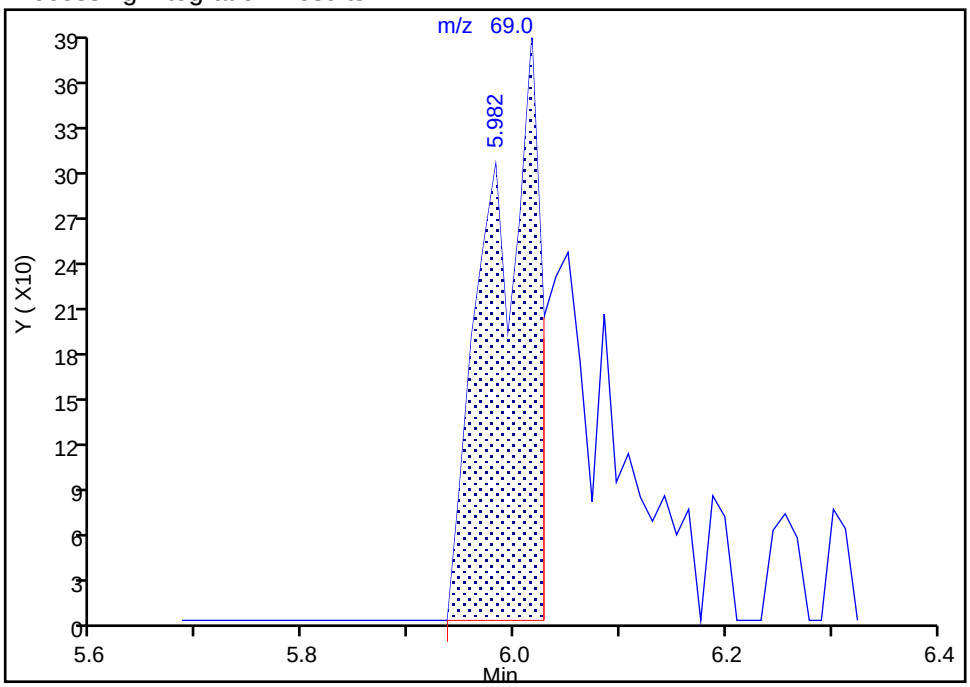
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Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

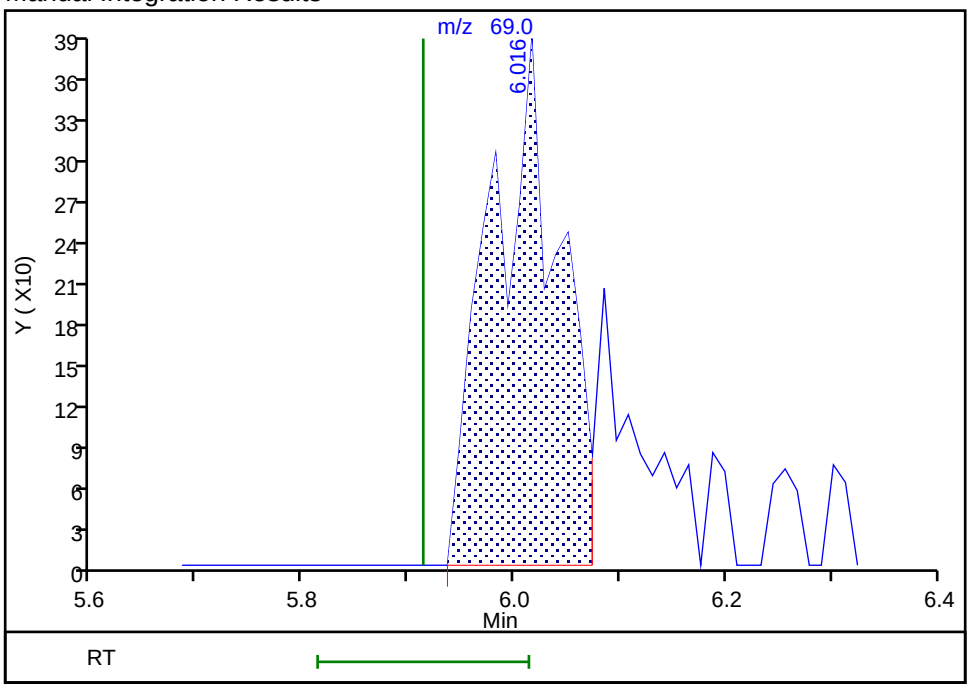
Processing Integration Results

RT: 5.98
Area: 1284
Amount: 0.443662
Amount Units: ug/l



Manual Integration Results

RT: 6.02
Area: 1780
Amount: 0.680468
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:39:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

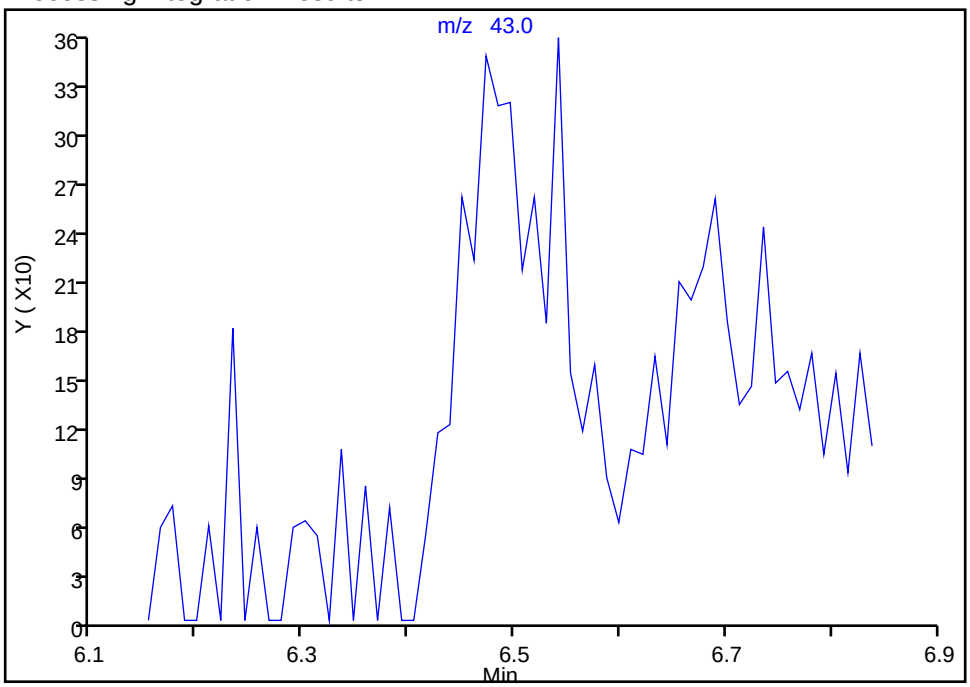
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Signal: 1

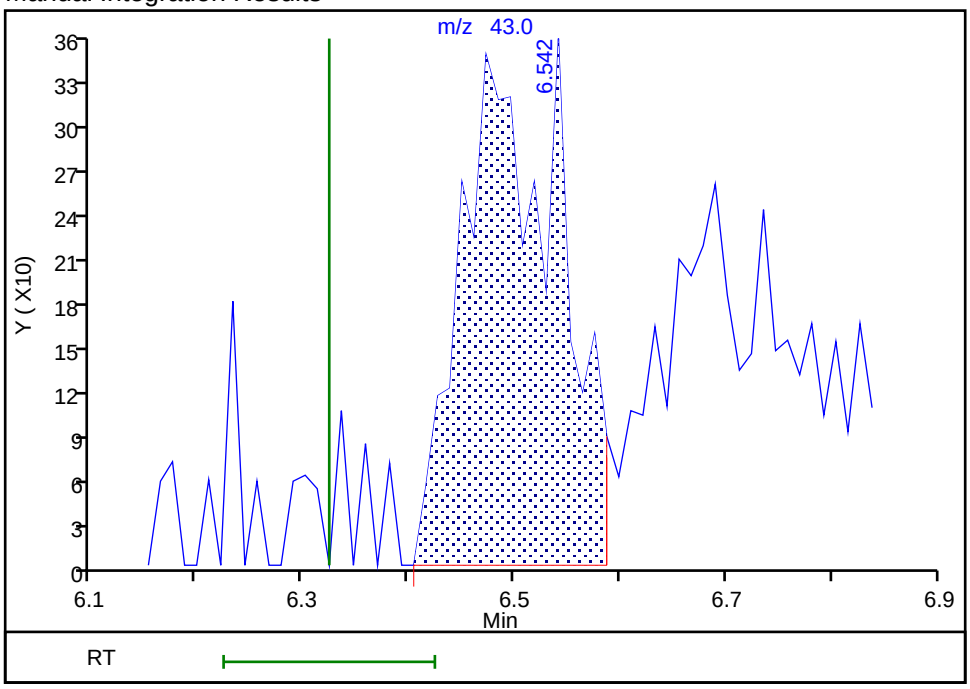
Not Detected
Expected RT: 6.32

Processing Integration Results



Manual Integration Results

RT: 6.54
Area: 2203
Amount: 2.584908
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:40:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

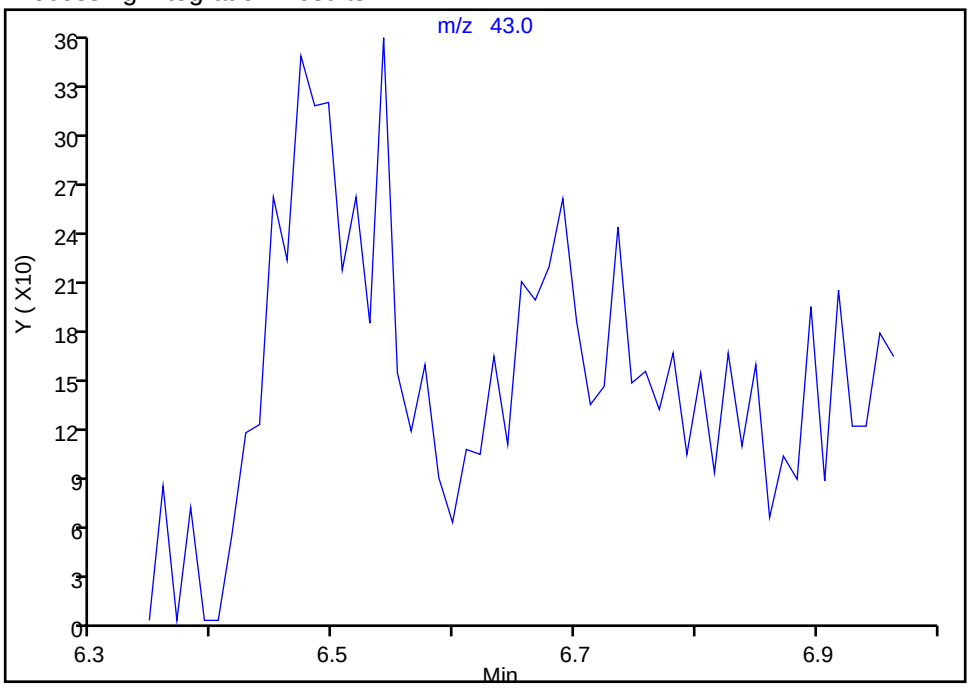
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

92 n-Butyl acetate, CAS: 123-86-4

Signal: 1

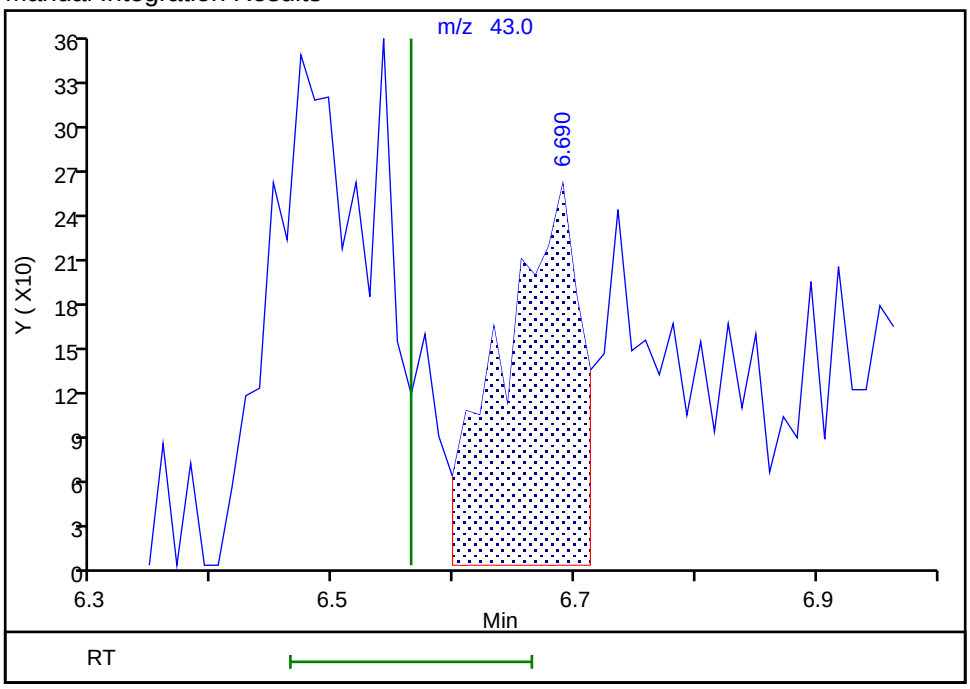
Not Detected
Expected RT: 6.56

Processing Integration Results



RT: 6.69
Area: 1165
Amount: 0.999893
Amount Units: ug/l

Manual Integration Results



Reviewer: NN6A, 21-Oct-2022 09:40:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

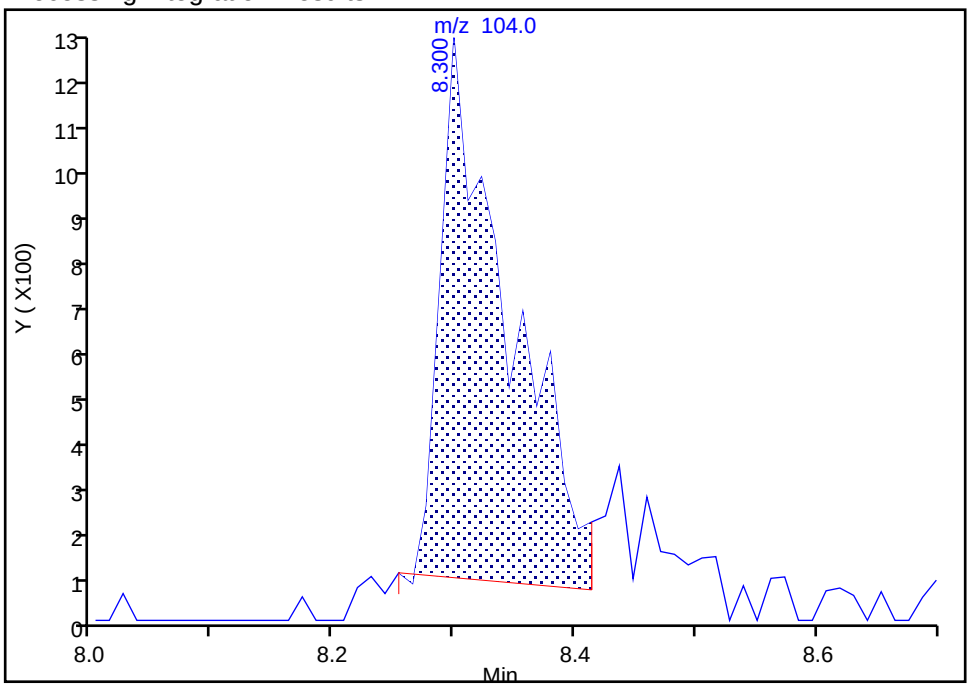
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

100 Styrene, CAS: 100-42-5

Signal: 1

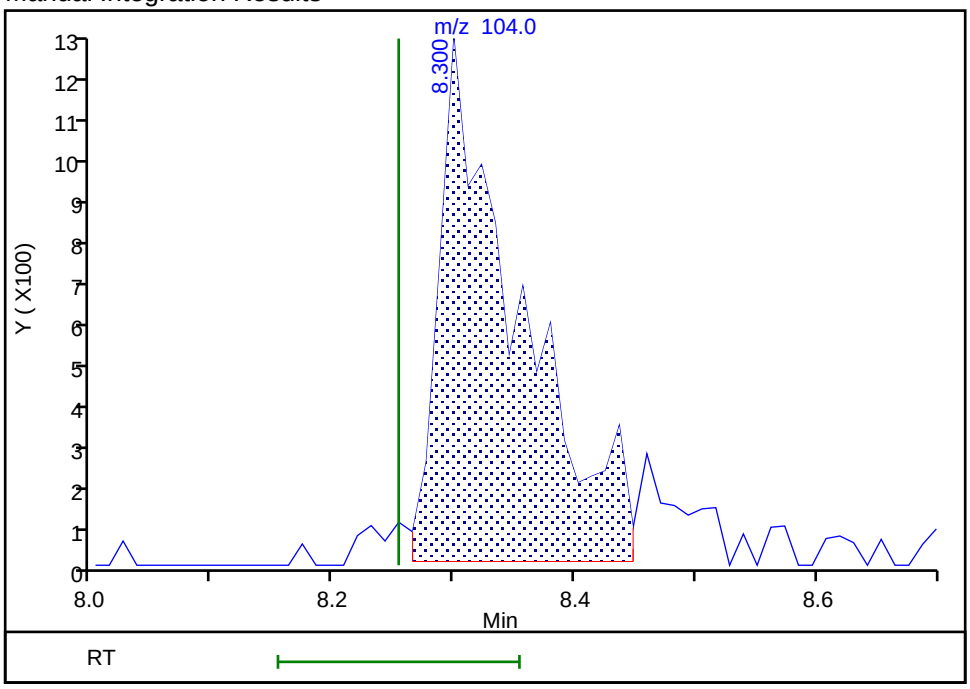
Processing Integration Results

RT: 8.30
Area: 4630
Amount: 0.646708
Amount Units: ug/l



Manual Integration Results

RT: 8.30
Area: 5768
Amount: 0.784868
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:40:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

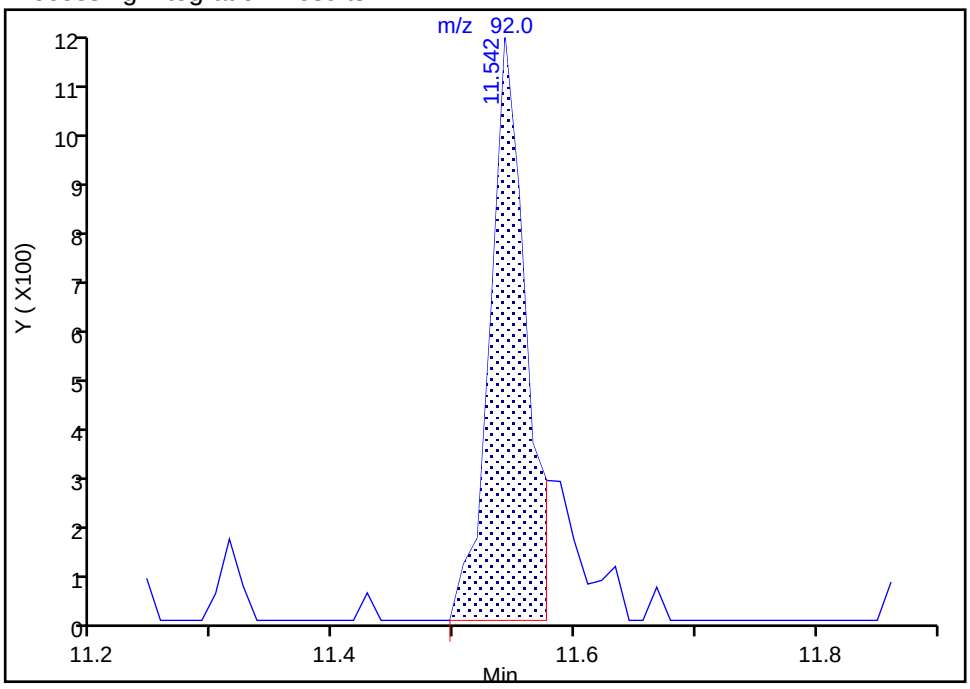
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Signal: 1

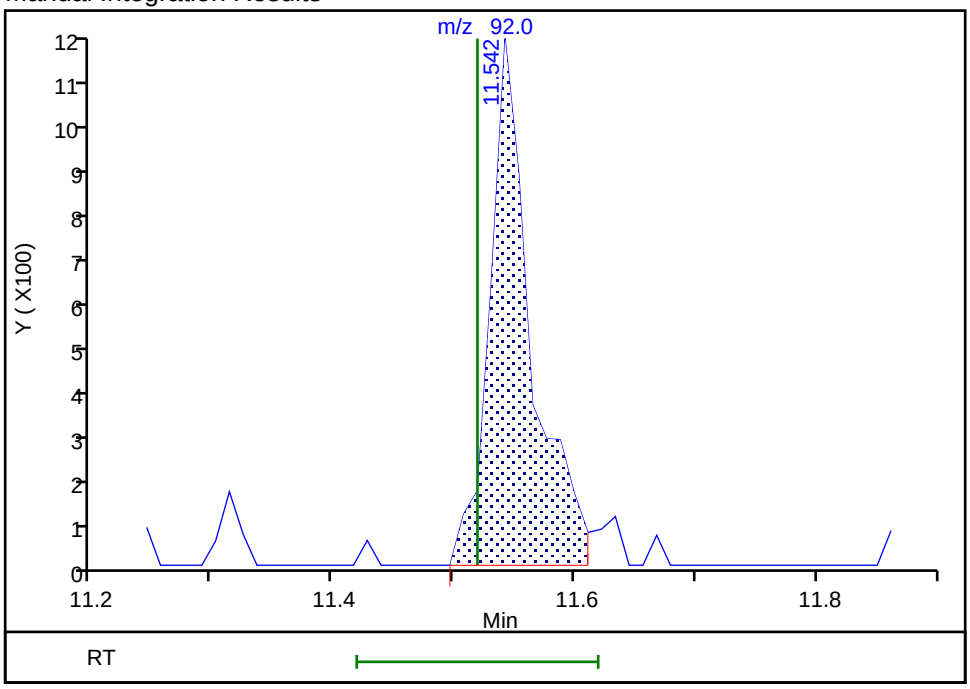
Processing Integration Results

RT: 11.54
Area: 2354
Amount: 0.884385
Amount Units: ug/l



Manual Integration Results

RT: 11.54
Area: 2692
Amount: 0.985152
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:41:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

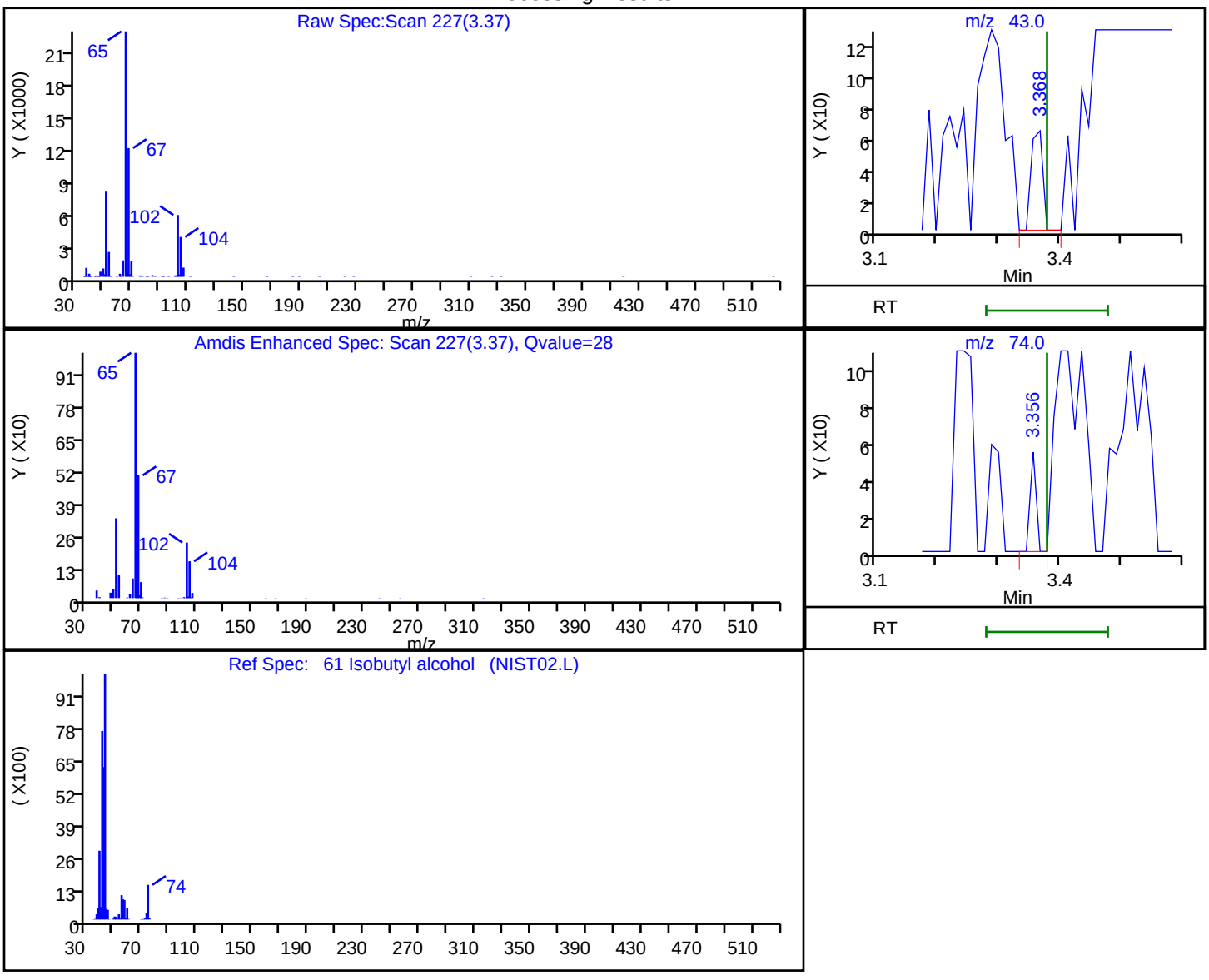
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.37	43.00	82	2.210347
3.36	74.00	36	

Reviewer: NN6A, 21-Oct-2022 09:41:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

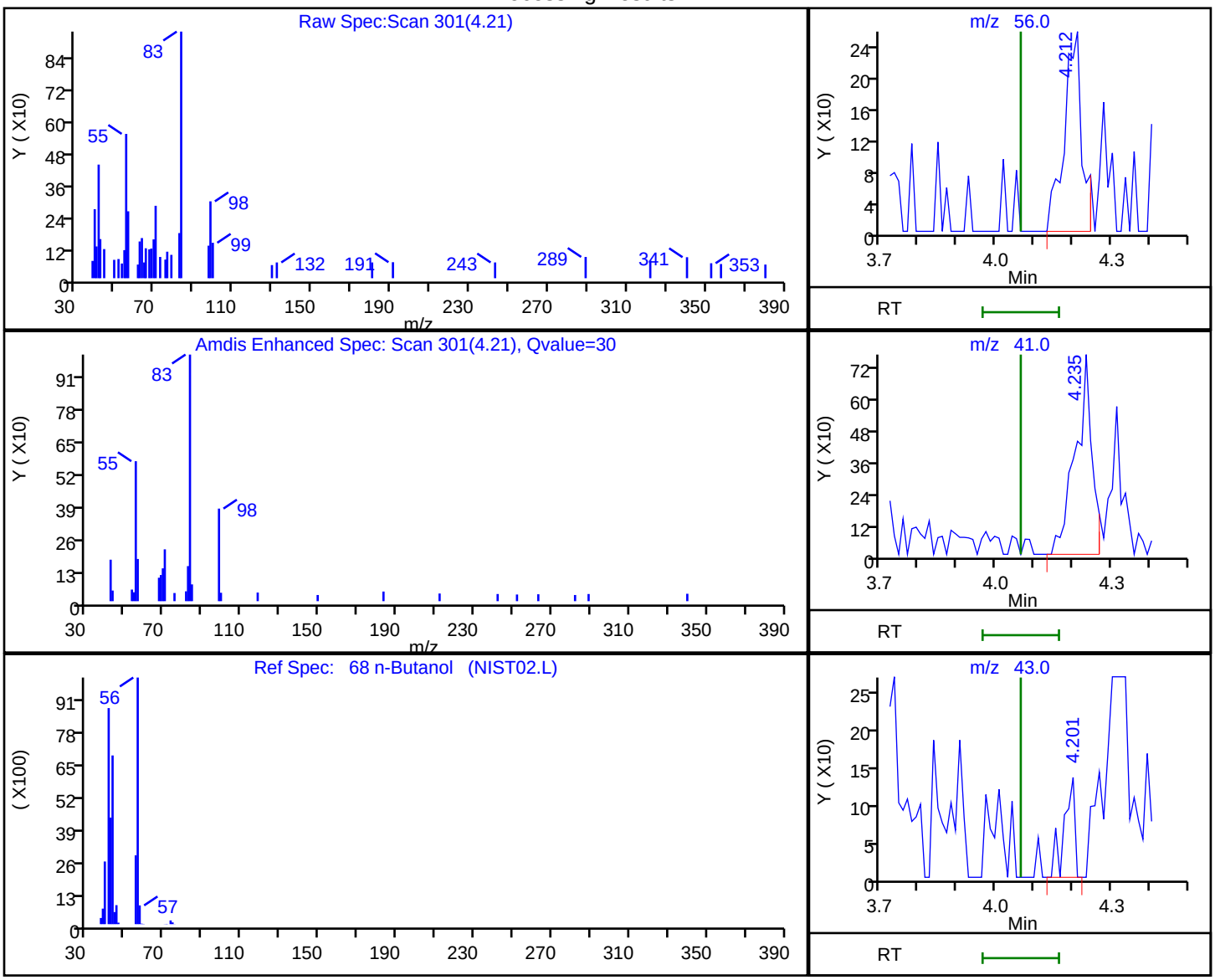
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82988.d
Injection Date: 20-Oct-2022 14:17:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.21	56.00	823	25.980700
4.24	41.00	2320	
4.20	43.00	258	

Reviewer: NN6A, 21-Oct-2022 09:38:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82989.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Oct-2022 14:42:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0152018-005
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:15:07 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: HVW2 Date: 21-Oct-2022 04:01:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.822	0.011	88	5462	5.00	4.83	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	17187	5.00	4.54	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	98	3038	5.00	4.84	
6 Chloromethane	50	0.947	0.947	0.000	99	13788	5.00	4.76	
7 Vinyl chloride	62	0.981	0.981	0.000	98	12477	5.00	4.75	
8 Butadiene	54	0.993	0.993	0.000	95	8666	5.00	4.29	M
9 Bromomethane	94	1.141	1.141	0.000	98	11441	5.00	5.26	
10 Chloroethane	64	1.187	1.187	0.000	99	9054	5.00	4.91	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	23493	5.00	4.90	
12 Trichlorofluoromethane	101	1.313	1.313	0.001	98	16120	5.00	4.33	
13 Pentane	57	1.358	1.358	0.000	96	3598	10.0	7.84	
14 Ethanol	46	1.427	1.415	0.012	94	1985	200.0	238.2	
15 Ethyl ether	59	1.472	1.461	0.011	85	7127	5.00	4.63	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	86	10588	5.00	4.81	
17 2-Methyl-1,3-butadiene	53	1.484	1.472	0.012	95	8522	5.00	4.29	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	14563	5.00	4.60	
19 Acrolein	56	1.541	1.529	0.012	88	2180	20.0	11.5	
20 1,1-Dichloroethene	96	1.587	1.587	0.001	95	8642	5.00	3.98	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.001	95	10105	5.00	4.54	
22 Acetone	58	1.621	1.609	0.012	85	1996	25.0	20.1	
23 Iodomethane	142	1.667	1.666	0.000	100	20960	5.00	4.70	
25 Carbon disulfide	76	1.701	1.701	0.000	99	37605	5.00	4.55	
24 Isopropyl alcohol	45	1.712	1.701	0.011	25	2547	50.0	42.3	
26 Acetonitrile	38	1.792	1.781	0.011	81	3161	50.0	48.0	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	95	7349	5.00	4.66	
28 Methyl acetate	43	1.815	1.803	0.012	98	3926	10.0	8.95	
29 Cyclopentene	67	1.838	1.838	0.000	93	18214	5.00	4.19	
30 Methylene Chloride	84	1.861	1.861	0.000	85	15454	5.00	5.08	
* 31 TBA-d9 (IS)	65	1.872	1.872	0.000	99	94949	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.941	1.929	0.011	99	6083	50.0	53.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.009	1.998	0.011	89	17758	50.0	33.9	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	66	11047	5.00	4.45	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	95	31097	5.00	5.10	
36 Hexane	57	2.215	2.214	0.001	87	9075	5.00	4.55	
37 1,1-Dichloroethane	63	2.294	2.283	0.011	98	20375	5.00	4.66	
38 Vinyl acetate	86	2.352	2.340	0.012	100	3722	10.0	10.9	
39 Isopropyl ether	45	2.352	2.351	0.001	86	32935	5.00	4.89	
40 2-Chloro-1,3-butadiene	88	2.363	2.351	0.012	92	10651	5.00	4.27	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	92	33384	5.00	4.56	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	110357	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	82	4276	5.00	4.61	
45 cis-1,2-Dichloroethene	96	2.705	2.694	0.011	98	12388	5.00	4.62	
46 2-Butanone (MEK)	72	2.728	2.717	0.011	96	4355	25.0	27.8	
42 Propionitrile	54	2.774	2.751	0.023	85	7760	50.0	47.1	
47 Ethyl acetate	70	2.785	2.785	0.000	99	1627	10.0	10.8	
48 Methyl acrylate	55	2.820	2.808	0.012	98	6712	5.00	4.61	
50 Methacrylonitrile	67	2.877	2.865	0.012	88	28926	50.0	50.7	
49 Chlorobromomethane	128	2.877	2.877	0.000	62	6474	5.00	4.89	
51 Tetrahydrofuran	42	2.934	2.922	0.012	30	2556	10.0	9.01	
52 Chloroform	83	2.945	2.945	0.000	98	20774	5.00	4.71	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	114318	50.0	48.0	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	96	19830	5.00	4.72	
55 Cyclohexane	84	3.139	3.139	0.000	86	14164	5.00	4.44	
56 Carbon tetrachloride	117	3.231	3.231	0.000	96	13151	5.00	4.22	
57 1,1-Dichloropropene	75	3.242	3.231	0.011	97	16263	5.00	4.46	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	120077	50.0	47.2	
61 Isobutyl alcohol	43	3.402	3.379	0.023	35	5291	125.0	123.4	
59 Benzene	78	3.402	3.402	0.000	95	51763	5.00	5.38	
60 1,2-Dichloroethane	62	3.425	3.413	0.012	96	15167	5.00	4.76	
62 Isooctane	57	3.505	3.505	0.000	96	18459	5.00	4.47	
63 Isopropyl acetate	61	3.516	3.516	0.000	73	2879	5.00	4.41	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	90	34137	5.00	4.82	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	550510	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	82	6113	5.00	4.46	
67 Trichloroethene	95	4.018	4.007	0.011	96	12087	5.00	4.29	
69 Ethyl acrylate	55	4.201	4.190	0.011	94	16135	5.00	4.34	
70 Methylcyclohexane	83	4.201	4.201	0.000	86	11771	5.00	4.16	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	12014	5.00	4.77	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	23422	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	91	6784	5.00	4.70	
74 1,4-Dioxane	88	4.395	4.384	0.011	30	3244	100.0	129.6	
75 Methyl methacrylate	100	4.418	4.406	0.012	83	4409	10.0	7.30	
76 n-Propyl acetate	43	4.509	4.486	0.023	69	9206	5.00	4.36	
77 Dichlorobromomethane	83	4.532	4.521	0.011	97	14205	5.00	4.34	
78 2-Nitropropane	41	4.783	4.772	0.011	94	2211	10.0	7.74	
79 2-Chloroethyl vinyl ether	63	4.920	4.909	0.011	88	3978	5.01	2.83	
80 Epichlorohydrin	57	4.955	4.932	0.023	96	12933	100.0	83.9	
81 cis-1,3-Dichloropropene	75	5.046	5.034	0.012	90	16961	5.00	4.60	
82 4-Methyl-2-pentanone (MIBK)	43	5.251	5.240	0.011	93	30531	25.0	23.5	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	98	519607	50.0	53.8	
84 Toluene	91	5.423	5.423	0.000	91	58294	5.00	5.45	
85 trans-1,3-Dichloropropene	75	5.742	5.731	0.011	95	14956	5.00	4.82	

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	5.925	5.914	0.011	83	11182	5.00	4.62	
87 1,1,2-Trichloroethane	83	5.948	5.936	0.012	93	8435	5.00	5.11	
88 Tetrachloroethene	166	6.096	6.096	0.000	96	10315	5.00	4.99	
89 1,3-Dichloropropane	76	6.153	6.142	0.011	93	17196	5.00	4.96	
90 2-Hexanone	43	6.347	6.325	0.022	91	17817	25.0	20.6	M
91 Chlorodibromomethane	129	6.427	6.427	0.000	96	9356	5.00	4.45	
93 Ethylene Dibromide	107	6.553	6.541	0.012	97	10214	5.00	4.80	
92 n-Butyl acetate	43	6.610	6.564	0.046	99	10821	5.00	5.04	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	88	373934	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	94	34631	5.00	4.90	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	93	9376	5.00	4.51	
97 Ethylbenzene	106	7.466	7.466	0.000	97	18101	5.00	5.19	
98 m-Xylene & p-Xylene	106	7.660	7.649	0.011	99	21588	5.00	5.17	
99 o-Xylene	106	8.220	8.220	0.000	93	19598	5.00	4.53	
100 Styrene	104	8.265	8.254	0.011	96	31571	5.00	4.64	
101 n-Butyl acrylate	73	8.380	8.334	0.046	95	4181	5.00	3.02	
102 Bromoform	173	8.482	8.471	0.011	93	4221	5.00	4.34	
103 Amyl acetate (mixed isomers)	43	8.768	8.722	0.046	92	8581	5.00	3.23	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	43932	5.00	4.94	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	89	119619	50.0	50.7	
106 Bromobenzene	156	9.202	9.190	0.012	97	14467	5.00	5.21	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	95	12388	5.00	4.82	
108 1,2,3-Trichloropropane	75	9.350	9.339	0.011	97	10214	5.00	5.07	
109 trans-1,4-Dichloro-2-butene	75	9.453	9.430	0.023	76	3567	5.00	3.81	
110 N-Propylbenzene	91	9.487	9.476	0.011	99	42243	5.00	4.63	
111 2-Chlorotoluene	91	9.556	9.544	0.012	96	40141	5.00	5.10	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	38945	5.00	4.68	
113 4-Chlorotoluene	91	9.750	9.738	0.012	96	31125	5.00	4.83	M
114 1,3,5-Trimethylbenzene	105	9.807	9.795	0.012	92	34150	5.00	4.77	
115 Butyl Methacrylate	87	10.115	10.092	0.023	89	9136	5.00	4.24	
116 tert-Butylbenzene	119	10.309	10.298	0.011	94	25864	5.00	4.71	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	35345	5.00	4.77	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	31700	5.00	4.51	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	94	22639	5.00	5.13	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	184102	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.926	10.914	0.012	94	24924	5.00	5.24	
122 4-Isopropyltoluene	119	10.960	10.948	0.012	98	28138	5.00	4.63	
123 1,2,3-Trimethylbenzene	105	11.063	11.051	0.012	98	41216	5.00	5.18	
124 Benzyl chloride	126	11.188	11.177	0.011	98	2177	5.00	2.41	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	93	41042	5.00	4.88	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	93	22754	5.00	5.16	
127 p-Diethylbenzene	119	11.508	11.496	0.012	92	17763	5.00	5.01	
128 n-Butylbenzene	92	11.531	11.519	0.012	98	14027	5.00	4.99	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	89	1548	5.00	4.22	
130 1,2,4,5-Tetramethylbenzene	119	12.239	12.227	0.012	97	31813	5.00	5.07	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	96	10791	5.00	5.37	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	93	9600	5.00	5.18	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	90	3328	5.00	5.35	
134 Naphthalene	128	12.958	12.946	0.012	99	31402	5.00	4.95	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	94	8266	5.00	5.02	
S 137 1,2-Dichloroethene, Total	100				0		10.0	9.07	
S 138 Xylenes, Total	100				0		10.0	9.70	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		25.0	25.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	10.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	10.00	Units: uL	
GASES Li_00498	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:15:08 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82989.d

Injection Date: 20-Oct-2022 14:42:30 Instrument ID: CVOAMS12 Operator ID:

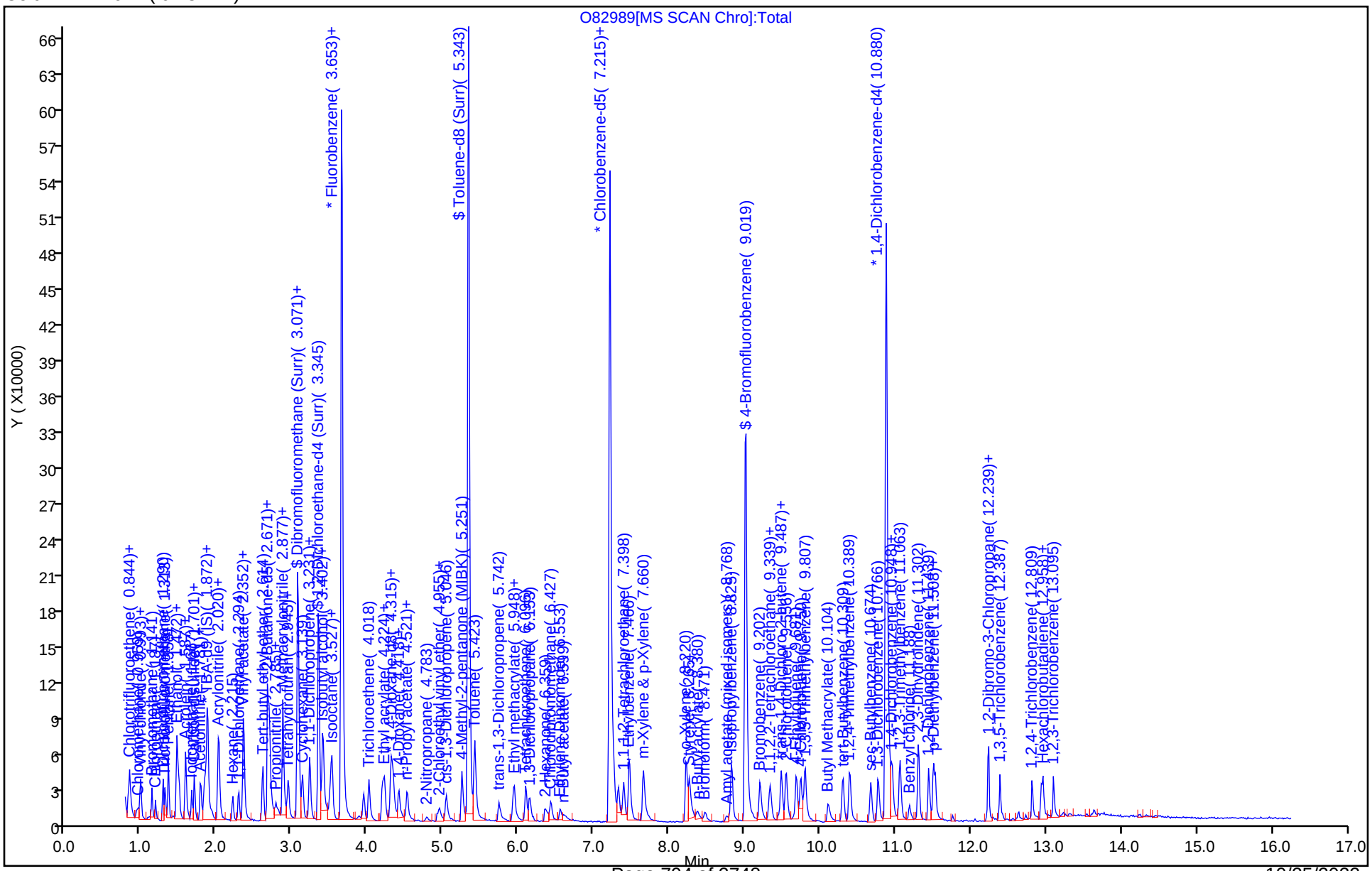
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

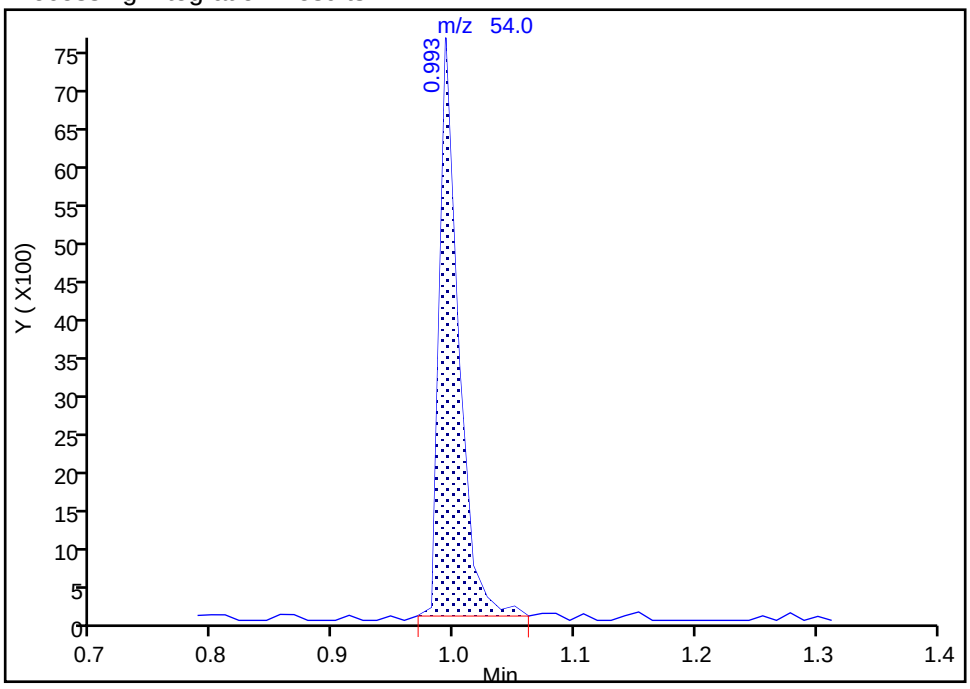
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Injection Date: 20-Oct-2022 14:42:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

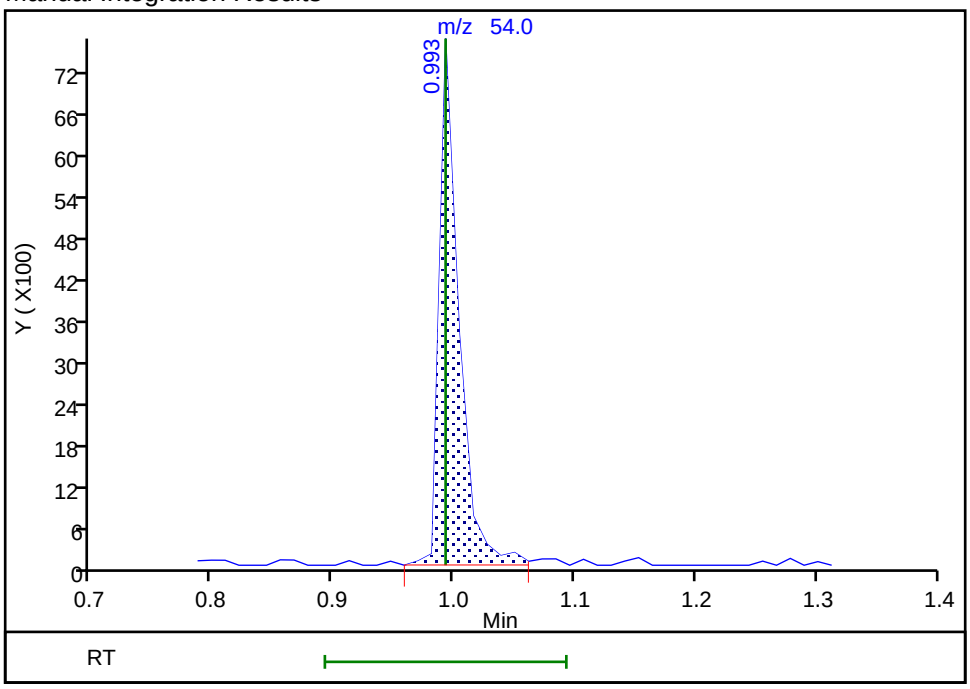
Processing Integration Results

RT: 0.99
Area: 8342
Amount: 3.624101
Amount Units: ug/l



Manual Integration Results

RT: 0.99
Area: 8666
Amount: 4.289467
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:57:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

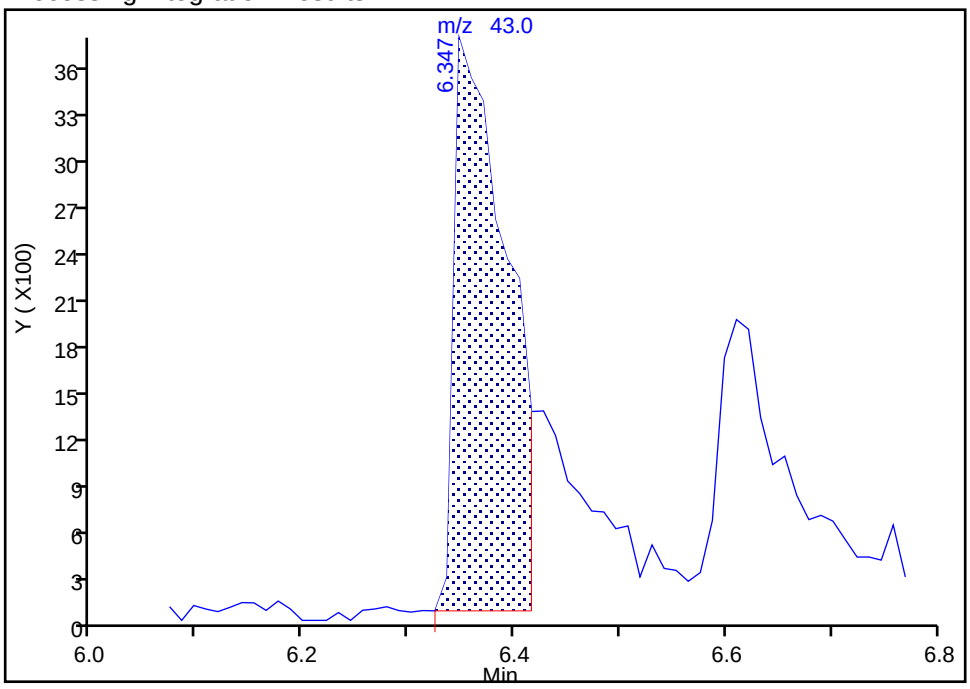
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Injection Date: 20-Oct-2022 14:42:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Signal: 1

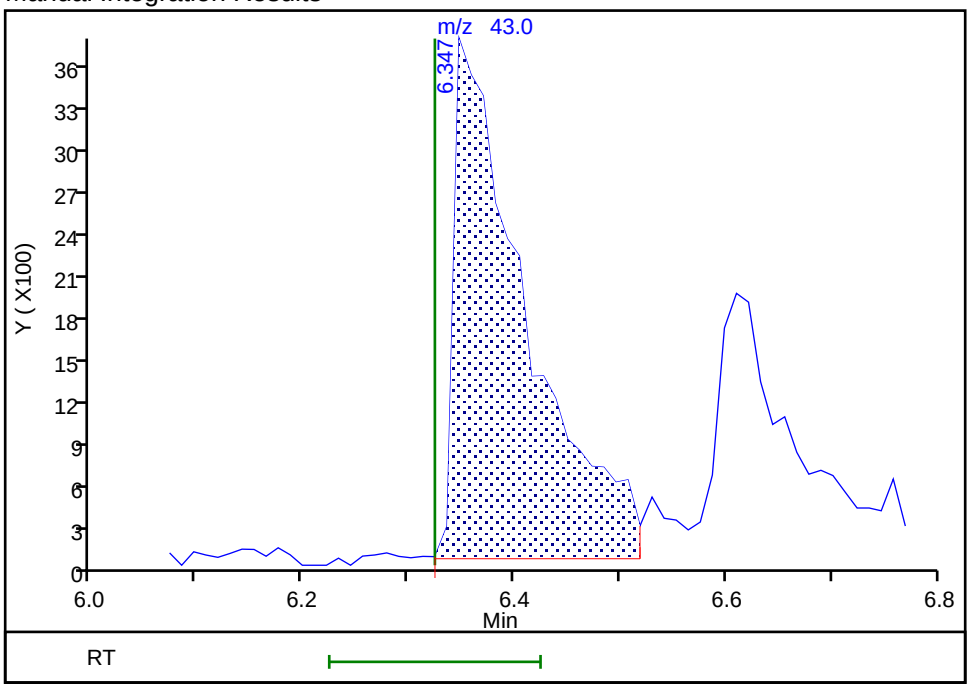
Processing Integration Results

RT: 6.35
Area: 13065
Amount: 15.139768
Amount Units: ug/l



Manual Integration Results

RT: 6.35
Area: 17817
Amount: 20.617426
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:44:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

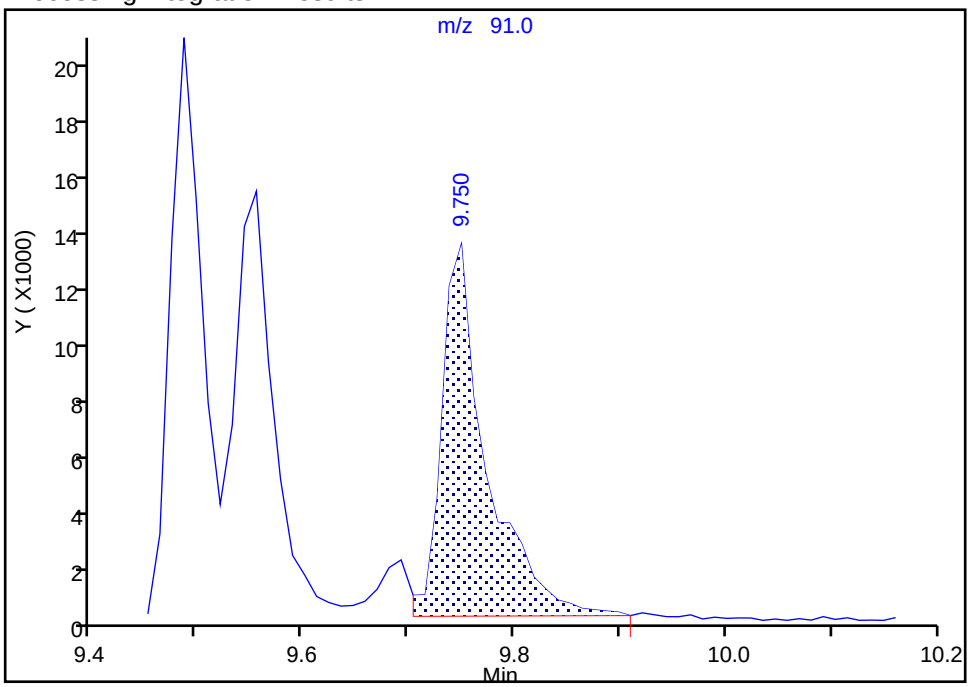
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82989.d
Injection Date: 20-Oct-2022 14:42:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

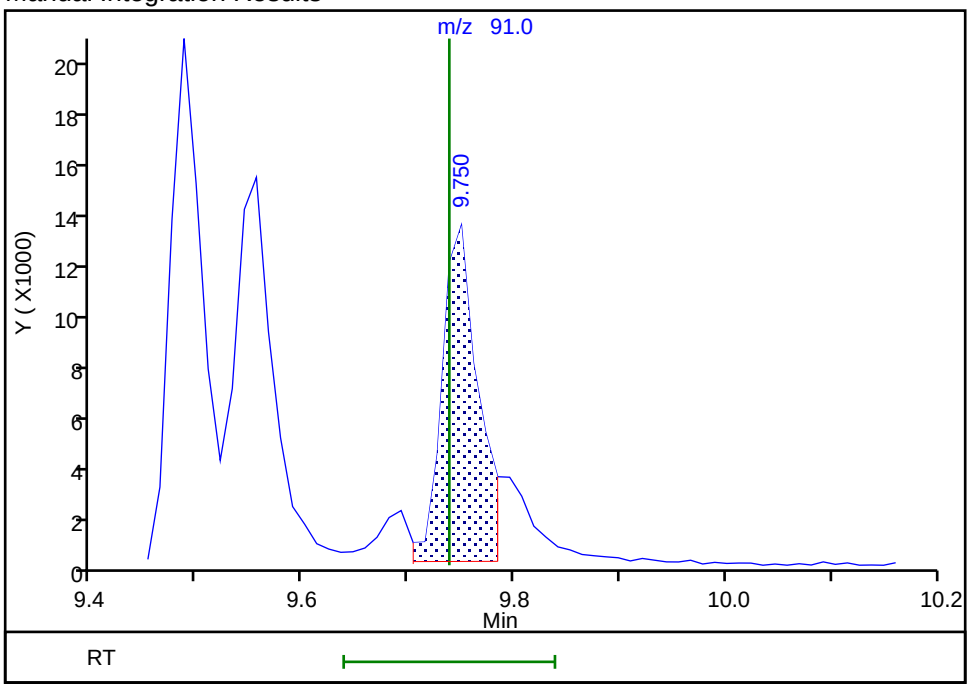
Processing Integration Results

RT: 9.75
Area: 37730
Amount: 5.660727
Amount Units: ug/l



Manual Integration Results

RT: 9.75
Area: 31125
Amount: 4.826683
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:44:38
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

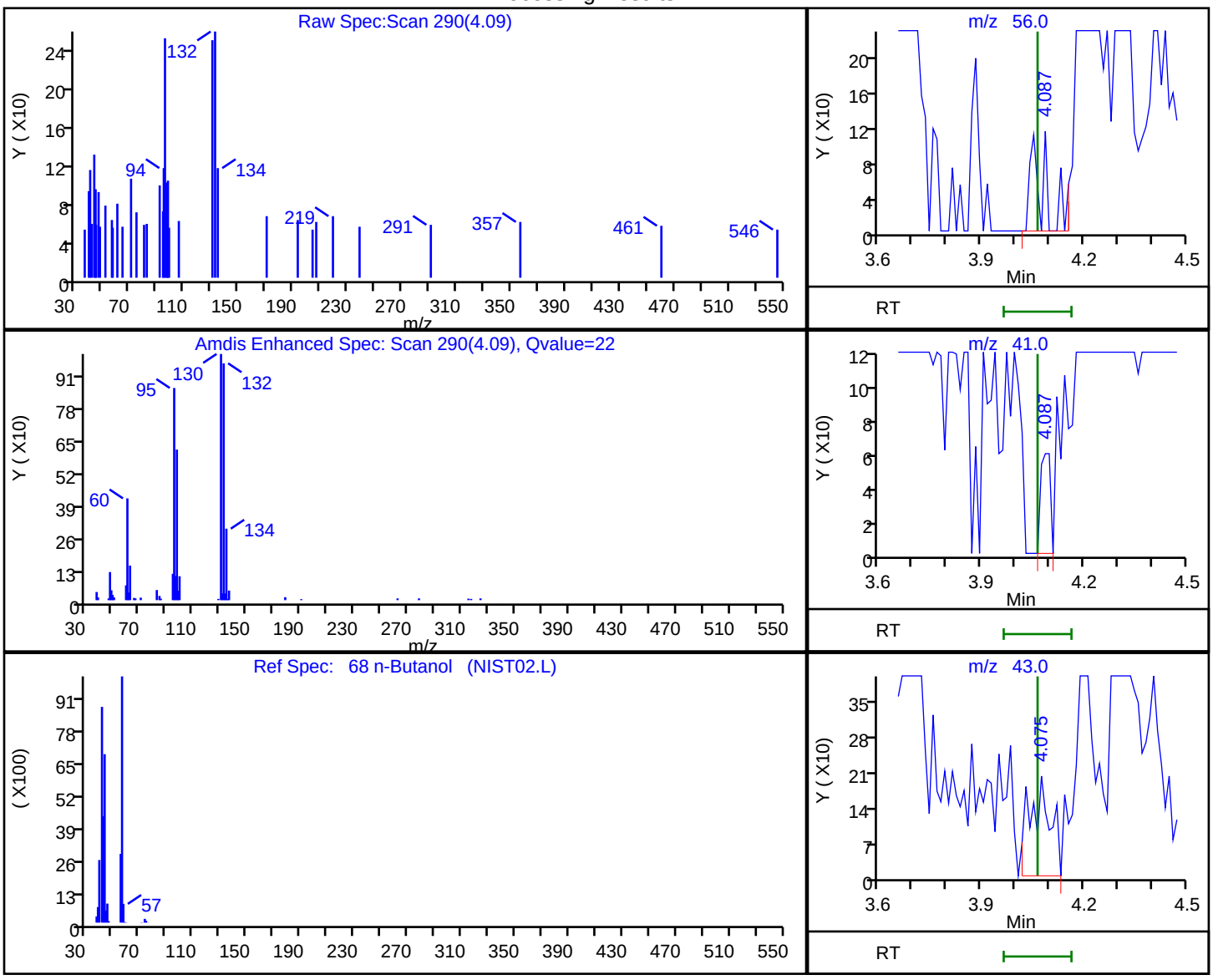
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82989.d
Injection Date: 20-Oct-2022 14:42:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.09	56.00	323	9.571551
4.09	41.00	111	
4.08	43.00	840	

Reviewer: NN6A, 21-Oct-2022 09:43:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82990.d
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 20-Oct-2022 15:08:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0152018-006
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:15:15 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: HVW2 Date: 21-Oct-2022 04:04:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.822	0.822	0.000	89	25916	20.0	20.0	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	82590	20.0	20.5	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	12266	20.0	18.4	
6 Chloromethane	50	0.947	0.947	0.000	98	57152	20.0	18.6	
7 Vinyl chloride	62	0.981	0.981	0.000	97	55267	20.0	19.8	
8 Butadiene	54	0.993	0.993	0.000	95	41738	20.0	19.5	
9 Bromomethane	94	1.141	1.141	0.000	97	43166	20.0	19.0	
10 Chloroethane	64	1.187	1.187	0.000	98	36888	20.0	18.8	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	98501	20.0	19.3	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	98	77971	20.0	19.7	
13 Pentane	57	1.358	1.358	0.000	96	20183	40.0	41.4	
14 Ethanol	46	1.415	1.415	0.000	96	7612	800.0	845.2	
15 Ethyl ether	59	1.461	1.461	0.000	89	29292	20.0	17.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	89	42523	20.0	18.2	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	41517	20.0	19.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	61048	20.0	18.2	
19 Acrolein	56	1.529	1.529	0.000	90	5948	40.0	29.0	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	97	42484	20.0	18.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	96	47473	20.0	20.1	
22 Acetone	58	1.609	1.609	0.000	87	9480	100.0	83.4	
23 Iodomethane	142	1.666	1.666	0.000	98	97477	20.0	20.6	
25 Carbon disulfide	76	1.701	1.701	0.000	99	176918	20.0	20.2	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	9550	200.0	146.7	
26 Acetonitrile	38	1.781	1.781	0.000	79	14253	200.0	200.4	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	91	32348	20.0	19.3	
28 Methyl acetate	43	1.803	1.803	0.000	97	19542	40.0	38.0	
29 Cyclopentene	67	1.838	1.838	0.000	93	88718	20.0	19.2	
30 Methylene Chloride	84	1.861	1.861	0.000	87	64874	20.0	20.1	
* 31 TBA-d9 (IS)	65	1.872	1.872	0.000	99	102608	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	22049	200.0	180.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.998	1.998	0.000	95	96992	200.0	172.3	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	91	48368	20.0	18.3	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	121629	20.0	18.8	
36 Hexane	57	2.214	2.214	0.000	90	45037	20.0	21.3	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	87251	20.0	18.8	
38 Vinyl acetate	86	2.340	2.340	0.000	99	17006	40.0	43.2	
39 Isopropyl ether	45	2.351	2.351	0.000	82	147188	20.0	20.6	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	74	53570	20.0	20.2	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	152747	20.0	19.7	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	126626	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	86	18449	20.0	18.7	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	95	52461	20.0	18.4	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	99	16618	100.0	92.6	
42 Propionitrile	54	2.751	2.751	0.000	94	36587	200.0	188.6	
47 Ethyl acetate	70	2.785	2.785	0.000	99	7593	40.0	43.8	
48 Methyl acrylate	55	2.808	2.808	0.000	98	28550	20.0	18.5	
50 Methacrylonitrile	67	2.865	2.865	0.000	87	120570	200.0	198.8	
49 Chlorobromomethane	128	2.877	2.877	0.000	66	28077	20.0	20.0	
51 Tetrahydrofuran	42	2.922	2.922	0.000	91	12942	40.0	39.8	
52 Chloroform	83	2.945	2.945	0.000	99	86425	20.0	18.5	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	116843	50.0	46.2	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	98	85402	20.0	19.1	
55 Cyclohexane	84	3.139	3.139	0.000	86	69156	20.0	20.4	
56 Carbon tetrachloride	117	3.231	3.231	0.000	97	65696	20.0	19.8	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	98	80615	20.0	20.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	123250	50.0	45.6	
61 Isobutyl alcohol	43	3.379	3.379	0.000	96	20664	500.0	445.9	
59 Benzene	78	3.402	3.402	0.000	95	234715	20.0	19.9	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	99	65177	20.0	19.3	
62 Isooctane	57	3.505	3.505	0.000	96	88847	20.0	20.2	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	13941	20.0	20.1	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	95	152554	20.0	20.3	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	584715	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	86	30645	20.0	21.0	
67 Trichloroethene	95	4.007	4.007	0.000	98	60454	20.0	20.2	
68 n-Butanol	56	4.064	4.064	0.000	97	12762	500.0	388.6	
69 Ethyl acrylate	55	4.190	4.190	0.000	98	87833	20.0	19.5	
70 Methylcyclohexane	83	4.201	4.201	0.000	92	64231	20.0	21.3	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	90	54351	20.0	20.3	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	28417	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	30344	20.0	19.8	
74 1,4-Dioxane	88	4.384	4.384	0.000	73	11679	400.0	384.4	
75 Methyl methacrylate	100	4.406	4.406	0.000	82	26161	40.0	40.8	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	47266	20.0	19.1	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	65701	20.0	18.9	
78 2-Nitropropane	41	4.772	4.772	0.000	96	13249	40.0	43.1	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	93	26148	20.0	17.4	
80 Epichlorohydrin	57	4.932	4.932	0.000	99	71458	400.0	404.1	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	85911	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	169816	100.0	114.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	582659	50.0	49.3	
84 Toluene	91	5.423	5.423	0.000	93	270878	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
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	96	78995	20.0	20.8	
86 Ethyl methacrylate	69	5.914	5.914	0.000	86	63700	20.0	21.5	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	40699	20.0	20.1	
88 Tetrachloroethene	166	6.096	6.096	0.000	94	52135	20.0	20.6	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	84889	20.0	20.0	
90 2-Hexanone	43	6.325	6.325	0.000	93	108573	100.0	109.3	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	47805	20.0	18.6	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	52271	20.0	20.1	
92 n-Butyl acetate	43	6.564	6.564	0.000	97	55427	20.0	19.3	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	86	458103	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	97	174717	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	50935	20.0	20.0	
97 Ethylbenzene	106	7.466	7.466	0.000	97	90827	20.0	21.3	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	109942	20.0	21.5	
99 o-Xylene	106	8.220	8.220	0.000	94	107774	20.0	20.3	
100 Styrene	104	8.254	8.254	0.000	96	175130	20.0	21.0	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	32258	20.0	19.0	
102 Bromoform	173	8.471	8.471	0.000	94	24207	20.0	19.0	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	59008	20.0	18.7	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	224333	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	85	140870	50.0	48.7	
106 Bromobenzene	156	9.190	9.190	0.000	98	64626	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	94	59332	20.0	19.5	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	96	47328	20.0	19.8	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	88	19231	20.0	17.3	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	231871	20.0	21.4	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	181748	20.0	19.5	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	199806	20.0	20.2	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	155403	20.0	20.3	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	173864	20.0	20.5	
115 Butyl Methacrylate	87	10.092	10.092	0.000	89	59601	20.0	20.6	
116 tert-Butylbenzene	119	10.298	10.298	0.000	94	127135	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	181200	20.0	20.6	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	166312	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	96	106455	20.0	20.3	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	218447	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	112508	20.0	19.9	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	97	146010	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	196196	20.0	20.8	
124 Benzyl chloride	126	11.177	11.177	0.000	99	18839	20.0	17.4	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	206779	20.0	20.7	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	95	109922	20.0	21.0	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	90821	20.0	21.6	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	69589	20.0	20.9	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	96	10453	20.0	20.8	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	151445	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	49406	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	93	43501	20.0	19.8	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	92	14727	20.0	20.0	
134 Naphthalene	128	12.946	12.946	0.000	99	149735	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	40131	20.0	20.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	41.8	
S 139 Total BTEX	1				0		100.0	103.7	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:15:16 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82990.d

Injection Date: 20-Oct-2022 15:08:30 Instrument ID: CVOAMS12 Operator ID:

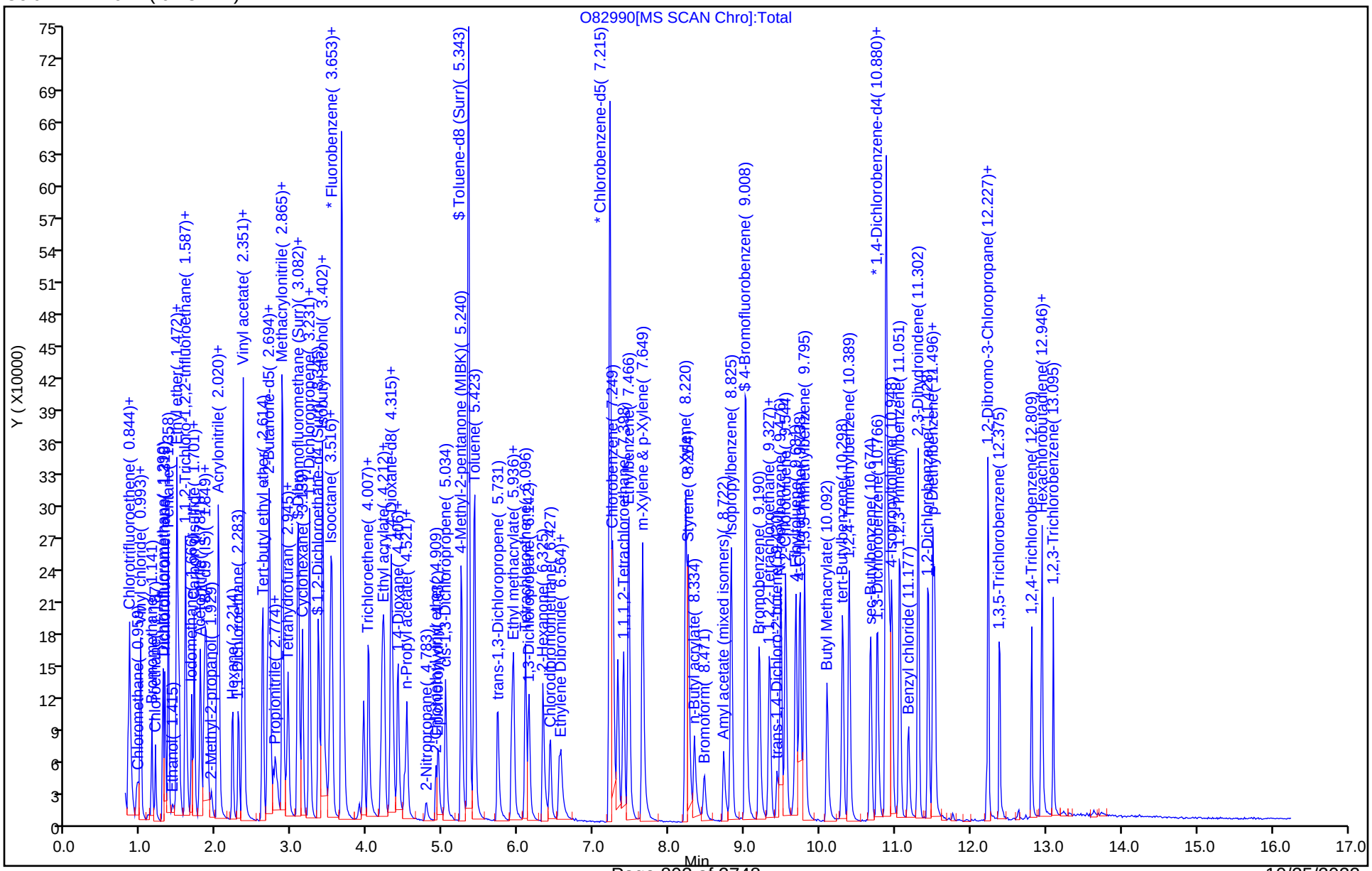
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82991.d
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Oct-2022 15:33:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0152018-007
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:15:23 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: HVW2 Date: 21-Oct-2022 04:05:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.821	0.821	0.000	89	69372	50.0	53.8	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	202037	50.0	48.4	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	33149	50.0	48.0	
6 Chloromethane	50	0.947	0.947	0.000	99	151024	50.0	47.3	
7 Vinyl chloride	62	0.981	0.981	0.000	98	141094	50.0	48.8	
8 Butadiene	54	0.993	0.993	0.000	95	120793	50.0	54.3	
9 Bromomethane	94	1.141	1.141	0.000	98	83852	50.0	36.2	
10 Chloroethane	64	1.187	1.187	0.000	99	101194	50.0	49.8	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	261643	50.0	49.6	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	97	205706	50.0	50.2	
13 Pentane	57	1.358	1.358	0.000	95	53557	100.0	106.1	
14 Ethanol	46	1.415	1.415	0.000	96	19570	2000.0	2240.2	
15 Ethyl ether	59	1.461	1.461	0.000	93	77986	50.0	46.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	90	112858	50.0	46.6	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	112852	50.0	51.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	158521	50.0	45.5	
19 Acrolein	56	1.529	1.529	0.000	93	19309	100.0	96.6	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	96	118373	50.0	49.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	95	122151	50.0	49.9	
22 Acetone	58	1.609	1.609	0.000	88	28989	250.0	256.8	
23 Iodomethane	142	1.666	1.666	0.000	98	263696	50.0	53.7	
25 Carbon disulfide	76	1.701	1.701	0.000	99	476204	50.0	52.4	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	29851	500.0	472.8	
26 Acetonitrile	38	1.780	1.780	0.000	78	40809	500.0	591.5	
27 3-Chloro-1-propene	76	1.780	1.780	0.000	91	87445	50.0	50.4	
28 Methyl acetate	43	1.803	1.803	0.000	97	54510	100.0	103.5	
29 Cyclopentene	67	1.838	1.838	0.000	94	232081	50.0	48.5	
30 Methylene Chloride	84	1.849	1.849	0.000	86	167162	50.0	49.9	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	100	99526	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	53965	500.0	454.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.997	1.997	0.000	94	287449	500.0	480.6	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	92	130793	50.0	47.9	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	305709	50.0	45.5	
36 Hexane	57	2.203	2.203	0.000	91	120909	50.0	55.1	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	100	230553	50.0	47.9	
38 Vinyl acetate	86	2.340	2.340	0.000	100	40133	100.0	102.7	
39 Isopropyl ether	45	2.351	2.351	0.000	84	382356	50.0	51.6	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	75	142846	50.0	52.0	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	414501	50.0	51.5	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	125749	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	85	49459	50.0	48.4	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	94	139506	50.0	47.3	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	98	46587	250.0	261.3	
42 Propionitrile	54	2.751	2.751	0.000	98	108329	500.0	565.3	
47 Ethyl acetate	70	2.774	2.774	0.000	99	17792	100.0	103.3	
48 Methyl acrylate	55	2.797	2.797	0.000	98	78908	50.0	49.2	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	311035	500.0	494.8	
49 Chlorobromomethane	128	2.877	2.877	0.000	78	77416	50.0	53.1	
51 Tetrahydrofuran	42	2.922	2.922	0.000	76	32037	100.0	99.1	
52 Chloroform	83	2.945	2.945	0.000	100	229381	50.0	47.3	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	123539	50.0	47.1	
54 1,1,1-Trichloroethane	97	3.093	3.093	0.000	98	222034	50.0	48.0	
55 Cyclohexane	84	3.139	3.139	0.000	87	184193	50.0	52.4	
56 Carbon tetrachloride	117	3.230	3.230	0.000	98	178236	50.0	52.0	
57 1,1-Dichloropropene	75	3.230	3.230	0.000	98	206718	50.0	51.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	128762	50.0	46.0	
61 Isobutyl alcohol	43	3.367	3.367	0.000	98	60325	1250.0	1342.0	a
59 Benzene	78	3.402	3.402	0.000	94	633449	50.0	52.0	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	167266	50.0	47.7	
62 Isooctane	57	3.504	3.504	0.000	98	237549	50.0	52.2	
63 Isopropyl acetate	61	3.504	3.504	0.000	97	37815	50.0	52.6	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	93	395973	50.0	50.7	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	605981	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	85	81878	50.0	54.3	
67 Trichloroethene	95	4.007	4.007	0.000	97	165463	50.0	53.3	
68 n-Butanol	56	4.018	4.018	0.000	85	42377	1250.0	1330.3	
69 Ethyl acrylate	55	4.167	4.167	0.000	99	246811	50.0	51.9	a
70 Methylcyclohexane	83	4.201	4.201	0.000	94	174137	50.0	55.8	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	144341	50.0	52.1	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	28871	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	77385	50.0	48.7	
74 1,4-Dioxane	88	4.384	4.384	0.000	86	32262	1000.0	1045.3	
75 Methyl methacrylate	100	4.395	4.395	0.000	83	74927	100.0	112.7	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	131723	50.0	50.6	
77 Dichlorobromomethane	83	4.521	4.521	0.000	98	178917	50.0	49.6	
78 2-Nitropropane	41	4.772	4.772	0.000	98	34036	100.0	101.1	
79 2-Chloroethyl vinyl ether	63	4.897	4.897	0.000	92	81105	50.1	51.0	
80 Epichlorohydrin	57	4.932	4.932	0.000	99	193177	1000.0	1100.0	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	246916	50.0	53.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	462157	250.0	312.4	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	583898	50.0	47.8	
84 Toluene	91	5.411	5.411	0.000	95	672923	50.0	49.8	

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	5.719	5.719	0.000	97	217062	50.0	55.3	
86 Ethyl methacrylate	69	5.902	5.902	0.000	87	163971	50.0	53.5	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	102166	50.0	49.0	
88 Tetrachloroethene	166	6.096	6.096	0.000	93	138349	50.0	53.0	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	228716	50.0	52.2	
90 2-Hexanone	43	6.324	6.324	0.000	93	309256	250.0	312.3	
91 Chlorodibromomethane	129	6.416	6.416	0.000	97	140853	50.0	53.0	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	138855	50.0	51.6	
92 n-Butyl acetate	43	6.553	6.553	0.000	97	151432	50.0	50.2	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	85	472812	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	96	460079	50.0	51.5	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	144547	50.0	55.0	
97 Ethylbenzene	106	7.466	7.466	0.000	97	236396	50.0	53.6	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	292033	50.0	55.3	
99 o-Xylene	106	8.220	8.220	0.000	94	292660	50.0	53.5	
100 Styrene	104	8.254	8.254	0.000	96	494684	50.0	57.5	
101 n-Butyl acrylate	73	8.322	8.322	0.000	98	96310	50.0	55.1	
102 Bromoform	173	8.459	8.459	0.000	93	75321	50.0	55.0	
103 Amyl acetate (mixed isomers)	43	8.711	8.711	0.000	92	174332	50.0	51.8	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	607614	50.0	54.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	87	151054	50.0	50.6	
106 Bromobenzene	156	9.190	9.190	0.000	98	175261	50.0	49.8	
107 1,1,2,2-Tetrachloroethane	83	9.316	9.316	0.000	97	160443	50.0	49.3	
108 1,2,3-Trichloropropane	75	9.338	9.338	0.000	98	125952	50.0	49.4	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.418	0.012	93	60580	50.0	51.2	
110 N-Propylbenzene	91	9.475	9.475	0.000	100	629649	50.0	54.5	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	507339	50.0	50.9	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	554496	50.0	52.6	
113 4-Chlorotoluene	91	9.727	9.727	0.000	97	402777	50.0	49.3	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	464244	50.0	51.2	
115 Butyl Methacrylate	87	10.092	10.092	0.000	88	173082	50.0	53.7	
116 tert-Butylbenzene	119	10.297	10.297	0.000	94	361378	50.0	51.9	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	493571	50.0	52.6	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	471761	50.0	53.0	
119 1,3-Dichlorobenzene	146	10.754	10.754	0.000	95	300107	50.0	53.7	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	233112	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	94	303664	50.0	50.4	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	398098	50.0	51.7	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	523588	50.0	51.9	
124 Benzyl chloride	126	11.165	11.165	0.000	99	56380	50.0	48.2	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	561575	50.0	52.7	
126 1,2-Dichlorobenzene	146	11.428	11.428	0.000	95	295825	50.0	53.0	
127 p-Diethylbenzene	119	11.496	11.496	0.000	92	251128	50.0	56.0	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	189200	50.0	53.2	
129 1,2-Dibromo-3-Chloropropane	157	12.204	12.204	0.000	95	29811	50.0	53.5	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	96	431211	50.0	54.3	
131 1,3,5-Trichlorobenzene	180	12.375	12.375	0.000	96	133604	50.0	52.5	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	122257	50.0	52.1	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	92	41300	50.0	52.5	
134 Naphthalene	128	12.946	12.946	0.000	99	413676	50.0	51.5	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	111703	50.0	53.6	
S 137 1,2-Dichloroethene, Total	100				0		100.0	95.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		100.0	108.8	
S 139 Total BTEX	1				0		250.0	264.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	50.00	Units: uL	
ACROLEIN W_00145	Amount Added:	10.00	Units: uL	
524freon_00058	Amount Added:	50.00	Units: uL	
GASES Li_00498	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:15:24 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82991.d

Injection Date: 20-Oct-2022 15:33:30 Instrument ID: CVOAMS12 Operator ID:

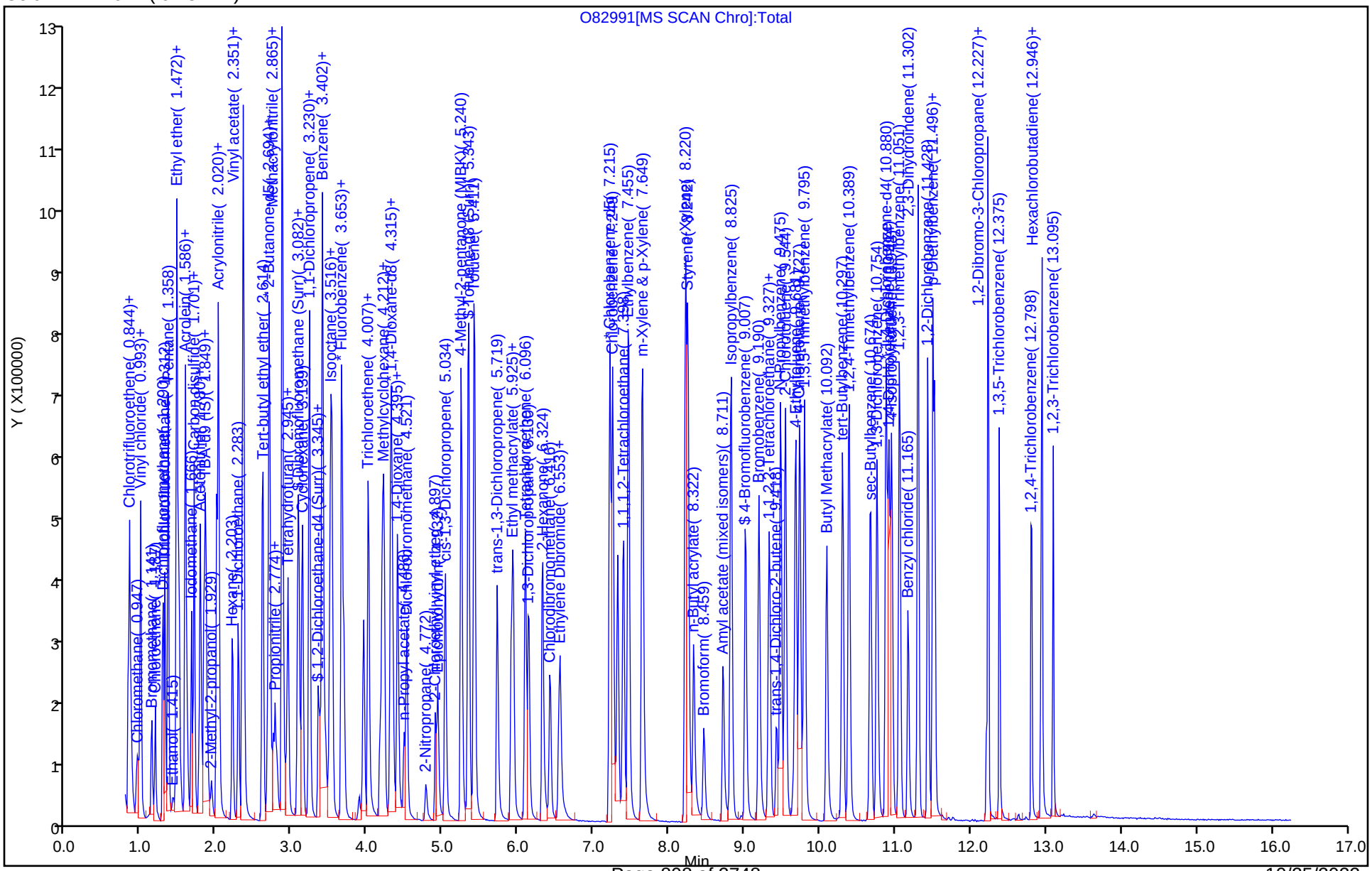
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

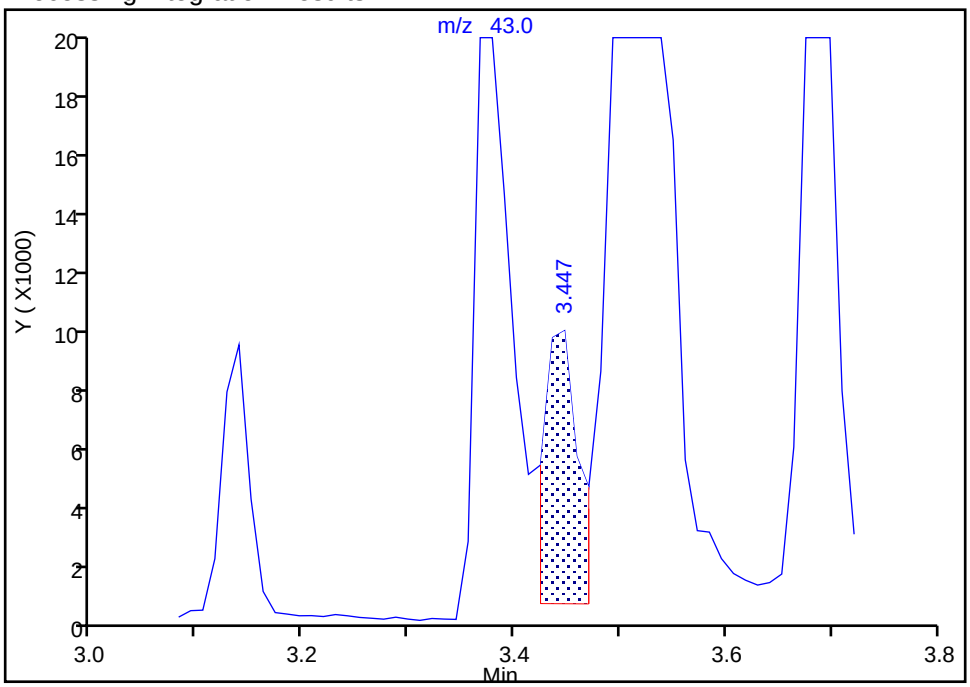
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Injection Date: 20-Oct-2022 15:33:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

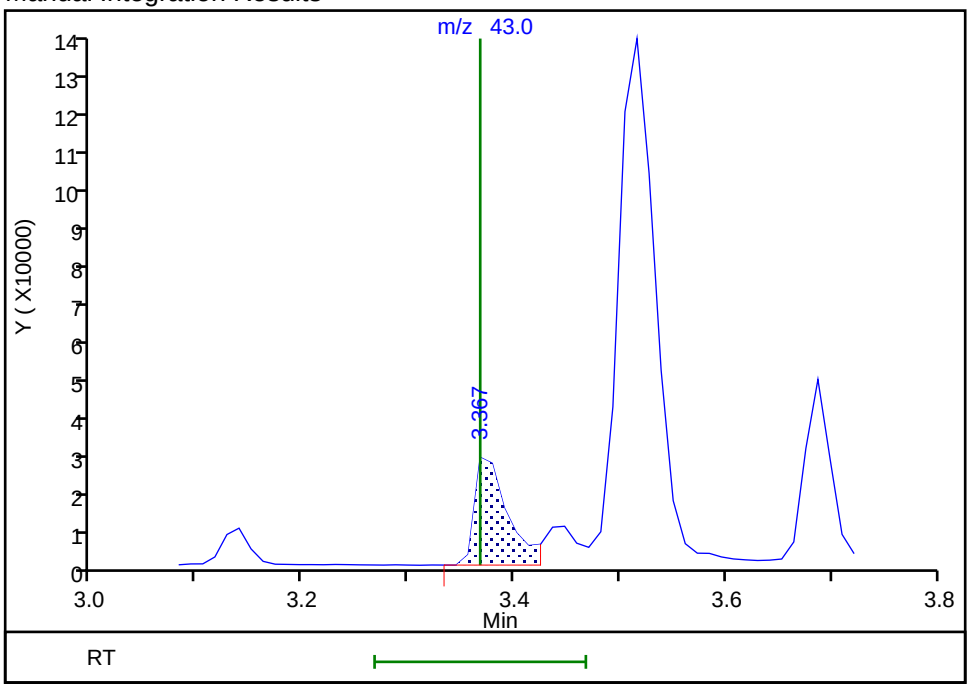
Processing Integration Results

RT: 3.45
Area: 21858
Amount: 567.4661
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 60325
Amount: 1341.9712
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:46:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

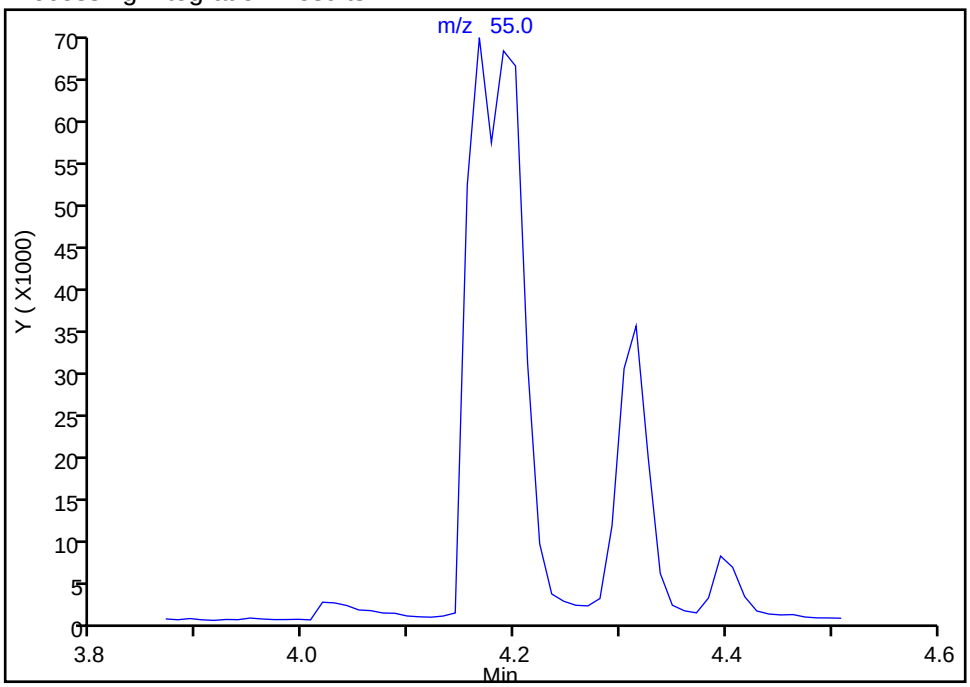
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Injection Date: 20-Oct-2022 15:33:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

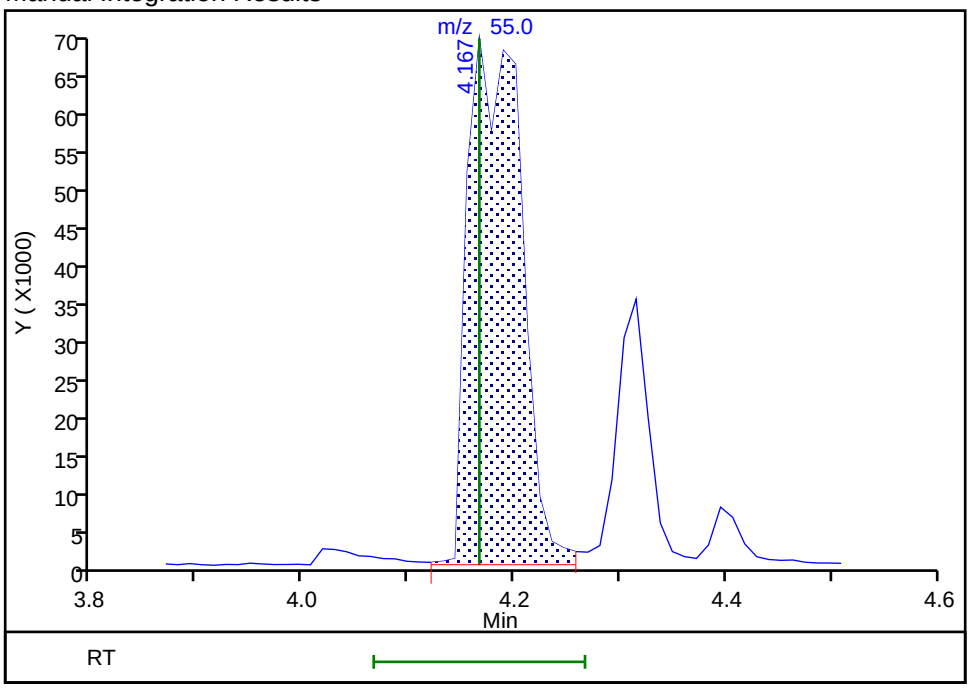
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 246811
Amount: 51.884309
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:46:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82992.d
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Oct-2022 15:58:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0152018-008
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:15:35 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: HVW2 Date: 21-Oct-2022 04:09:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.821	0.821	0.000	89	290528	200.0	156.9	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	949685	200.0	215.1	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	126368	200.0	172.8	
6 Chloromethane	50	0.947	0.947	0.000	98	674931	200.0	199.7	
7 Vinyl chloride	62	0.981	0.981	0.000	97	632698	200.0	206.5	
8 Butadiene	54	0.993	0.993	0.000	94	606444	200.0	257.5	
9 Bromomethane	94	1.141	1.141	0.000	99	411414	200.0	208.7	
10 Chloroethane	64	1.187	1.187	0.000	99	436466	200.0	202.9	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	1088777	200.0	194.8	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	98	962665	200.0	222.0	
13 Pentane	57	1.358	1.358	0.000	96	197868	400.0	370.1	
14 Ethanol	46	1.415	1.415	0.000	99	80283	8000.0	6470.7	
15 Ethyl ether	59	1.461	1.461	0.000	93	377582	200.0	210.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	91	539460	200.0	210.4	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	92	479475	200.0	207.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	794452	200.0	215.2	
19 Acrolein	56	1.529	1.529	0.000	94	59558	200.0	208.1	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	96	545903	200.0	215.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	95	513763	200.0	198.2	
22 Acetone	58	1.609	1.609	0.000	88	164421	1000.0	1013.4	
23 Iodomethane	142	1.666	1.666	0.000	98	996964	200.0	191.9	
25 Carbon disulfide	76	1.701	1.701	-0.001	99	1835894	200.0	190.6	
24 Isopropyl alcohol	45	1.689	1.701	-0.012	98	198237	2000.0	2210.9	
26 Acetonitrile	38	1.780	1.780	0.000	92	174104	2000.0	1776.7	
27 3-Chloro-1-propene	76	1.780	1.780	0.000	90	391547	200.0	212.9	
28 Methyl acetate	43	1.792	1.803	-0.011	97	403371	400.0	440.7	
29 Cyclopentene	67	1.838	1.838	0.000	94	1313857	200.0	259.3	
30 Methylene Chloride	84	1.849	1.849	0.000	86	636171	200.0	179.5	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	100	141352	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	300787	2000.0	1782.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.997	1.997	0.000	95	1426278	2000.0	2009.9	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	91	615910	200.0	212.9	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	1411256	200.0	198.6	
36 Hexane	57	2.203	2.203	0.000	90	431969	200.0	185.9	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	1050760	200.0	206.2	
38 Vinyl acetate	86	2.328	2.340	-0.012	99	232947	400.0	414.7	
39 Isopropyl ether	45	2.351	2.351	0.000	91	1563780	200.0	199.2	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	89	610367	200.0	209.9	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	1744029	200.0	204.6	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	180723	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	81	217133	200.0	200.8	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	96	676822	200.0	216.5	
46 2-Butanone (MEK)	72	2.705	2.717	-0.012	97	232705	1000.0	908.1	
42 Propionitrile	54	2.751	2.751	0.000	94	545686	2000.0	1992.1	
47 Ethyl acetate	70	2.774	2.774	0.000	99	88989	400.0	359.5	
48 Methyl acrylate	55	2.797	2.797	0.000	99	367376	200.0	216.4	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	1614321	2000.0	2425.4	
49 Chlorobromomethane	128	2.876	2.877	0.000	83	318822	200.0	206.6	
51 Tetrahydrofuran	42	2.911	2.922	-0.011	77	186950	400.0	402.4	
52 Chloroform	83	2.945	2.945	0.000	99	1059486	200.0	206.1	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	148060	50.0	53.3	
54 1,1,1-Trichloroethane	97	3.093	3.093	0.000	98	981569	200.0	200.3	
55 Cyclohexane	84	3.139	3.139	0.000	85	718377	200.0	193.0	
56 Carbon tetrachloride	117	3.230	3.230	0.000	91	778771	200.0	214.4	
57 1,1-Dichloropropene	75	3.230	3.230	0.000	95	833783	200.0	196.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	158308	50.0	53.4	
61 Isobutyl alcohol	43	3.367	3.367	0.000	96	329034	5000.0	5153.7	a
59 Benzene	78	3.402	3.402	0.000	95	2461996	200.0	185.4	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	747604	200.0	201.3	
62 Isooctane	57	3.504	3.504	0.000	96	885041	200.0	183.8	
63 Isopropyl acetate	61	3.504	3.504	0.000	97	170838	200.0	224.4	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	98	1642143	200.0	198.7	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	641685	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	87	288011	200.0	180.3	
67 Trichloroethene	95	4.007	4.007	0.000	98	644293	200.0	196.2	
68 n-Butanol	56	4.007	4.018	-0.011	37	248866	5000.0	5500.5	
69 Ethyl acrylate	55	4.155	4.167	-0.012	99	1009029	200.0	198.5	a
70 Methylcyclohexane	83	4.201	4.201	0.000	92	631413	200.0	191.2	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	594881	200.0	202.7	
* 72 1,4-Dioxane-d8	96	4.326	4.338	-0.012	0	32829	1000.0	1000.0	
73 Dibromomethane	93	4.326	4.338	-0.012	94	342932	200.0	203.7	
74 1,4-Dioxane	88	4.383	4.384	-0.001	92	132830	4000.0	3784.7	
75 Methyl methacrylate	100	4.395	4.395	0.000	83	307383	400.0	436.7	
76 n-Propyl acetate	43	4.475	4.486	-0.011	97	562112	200.0	202.2	
77 Dichlorobromomethane	83	4.520	4.521	-0.001	99	837924	200.0	219.5	
78 2-Nitropropane	41	4.772	4.772	0.000	98	203588	400.0	433.2	
79 2-Chloroethyl vinyl ether	63	4.897	4.897	0.000	94	366589	200.5	200.6	
80 Epichlorohydrin	57	4.931	4.932	-0.001	99	953128	4000.0	3776.5	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	1085420	200.0	213.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	2032209	1000.0	955.9	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	-0.001	99	619809	50.0	46.6	
84 Toluene	91	5.411	5.411	0.000	94	2716361	200.0	184.3	

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	5.719	5.719	0.000	96	999840	200.0	233.5	
86 Ethyl methacrylate	69	5.902	5.902	0.000	86	745723	200.0	223.2	
87 1,1,2-Trichloroethane	83	5.925	5.936	-0.011	93	451019	200.0	198.2	
88 Tetrachloroethene	166	6.096	6.096	0.000	93	536330	200.0	188.2	
89 1,3-Dichloropropane	76	6.130	6.142	-0.012	91	945919	200.0	197.8	
90 2-Hexanone	43	6.313	6.324	-0.011	93	1406683	1000.0	976.0	
91 Chlorodibromomethane	129	6.416	6.416	0.000	98	644825	200.0	222.3	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	585006	200.0	199.4	
92 n-Butyl acetate	43	6.553	6.553	0.000	97	674501	200.0	203.4	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	85	515726	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	96	1834342	200.0	188.1	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	96	612875	200.0	213.7	
97 Ethylbenzene	106	7.466	7.466	0.000	97	911466	200.0	189.5	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	1140934	200.0	198.2	
99 o-Xylene	106	8.220	8.220	0.000	94	1166653	200.0	195.6	
100 Styrene	104	8.242	8.254	-0.012	96	1952633	200.0	208.0	
101 n-Butyl acrylate	73	8.322	8.322	0.000	98	418100	200.0	219.2	
102 Bromoform	173	8.459	8.459	0.000	94	362686	200.0	214.2	
103 Amyl acetate (mixed isomers)	43	8.710	8.711	-0.001	92	828406	200.0	225.5	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	2408829	200.0	196.2	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	84	158682	50.0	48.8	
106 Bromobenzene	156	9.190	9.190	0.000	98	707024	200.0	183.9	
107 1,1,2,2-Tetrachloroethane	83	9.316	9.316	0.000	97	716887	200.0	201.6	
108 1,2,3-Trichloropropane	75	9.338	9.338	0.000	98	539922	200.0	193.8	
109 trans-1,4-Dichloro-2-butene	75	9.418	9.418	0.000	95	295080	200.0	228.1	
110 N-Propylbenzene	91	9.475	9.475	0.000	100	2487231	200.0	197.1	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	1924001	200.0	176.6	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	2256086	200.0	195.9	
113 4-Chlorotoluene	91	9.727	9.727	0.000	97	1733409	200.0	194.3	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	1814379	200.0	183.1	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	815608	200.0	205.0	
116 tert-Butylbenzene	119	10.297	10.297	0.000	94	1449305	200.0	190.6	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	1895837	200.0	184.9	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	1931615	200.0	198.5	
119 1,3-Dichlorobenzene	146	10.754	10.754	0.000	95	1149863	200.0	188.2	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	254710	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	93	1176491	200.0	178.7	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	97	1568336	200.0	186.6	
123 1,2,3-Trimethylbenzene	105	11.062	11.051	0.011	98	2036126	200.0	184.8	
124 Benzyl chloride	126	11.165	11.165	0.000	99	274513	200.0	201.0	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	2228651	200.0	191.5	
126 1,2-Dichlorobenzene	146	11.428	11.428	0.000	95	1135315	200.0	186.1	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	814984	200.0	166.2	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	707844	200.0	182.0	
129 1,2-Dibromo-3-Chloropropane	157	12.204	12.204	0.000	97	137202	200.0	206.2	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	96	1568933	200.0	180.8	
131 1,3,5-Trichlorobenzene	180	12.375	12.375	0.000	95	504022	200.0	181.2	
132 1,2,4-Trichlorobenzene	180	12.798	12.809	-0.011	93	454900	200.0	177.5	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	156222	200.0	181.6	
134 Naphthalene	128	12.946	12.946	0.000	99	1506198	200.0	171.6	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	95	388989	200.0	170.7	
S 137 1,2-Dichloroethene, Total	100				0		400.0	429.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		400.0	393.7	
S 139 Total BTEX	1				0		1000.0	952.9	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00145	Amount Added:	20.00	Units: uL	
8FreonHi_00049	Amount Added:	20.00	Units: uL	
GAS Hi_00426	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	20.00	Units: uL	
MIX I Hi_00155	Amount Added:	20.00	Units: uL	
Ethanol mix_00069	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:15:36 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82992.d

Injection Date: 20-Oct-2022 15:58:30 Instrument ID: CVOAMS12 Operator ID:

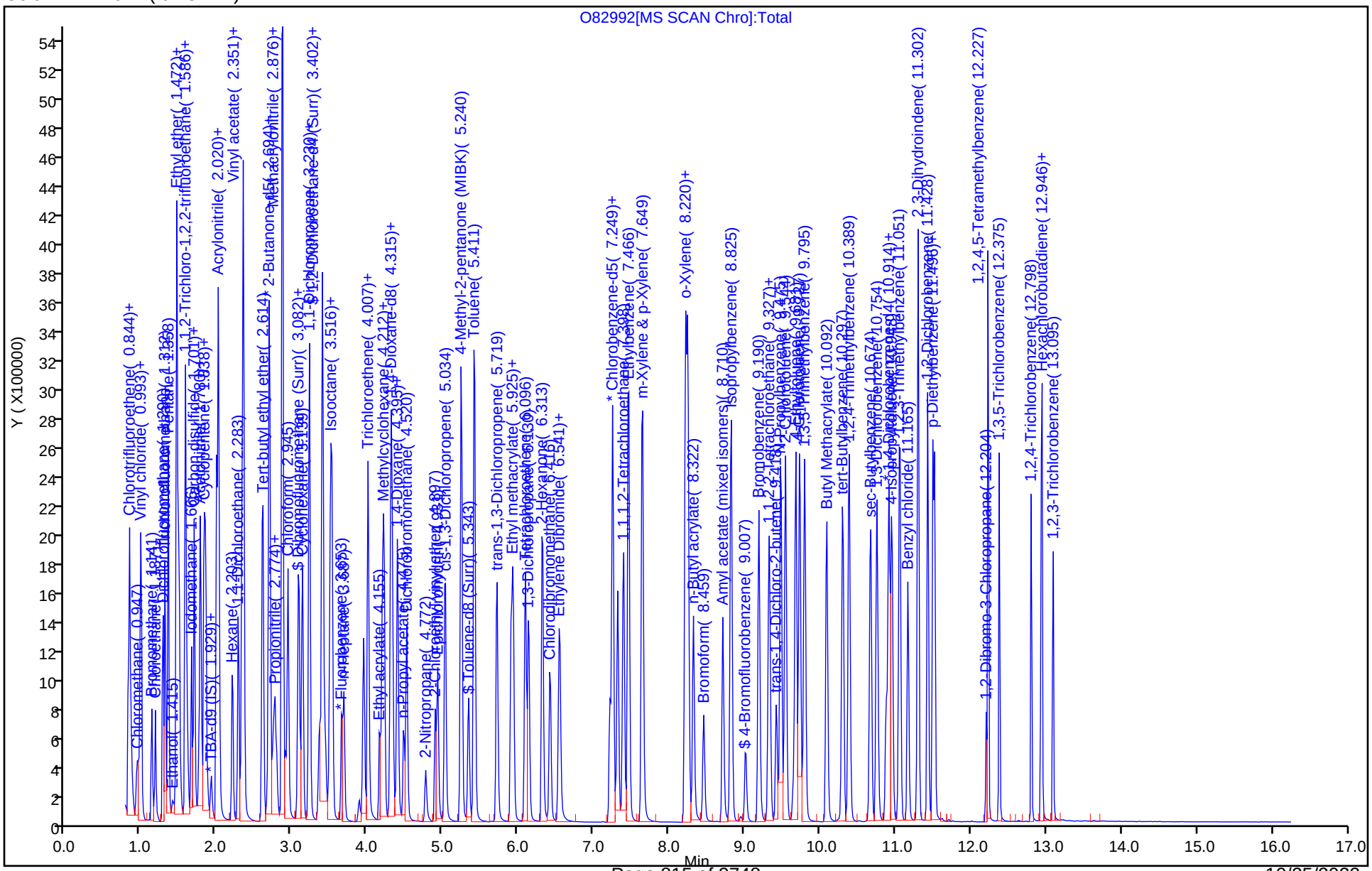
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

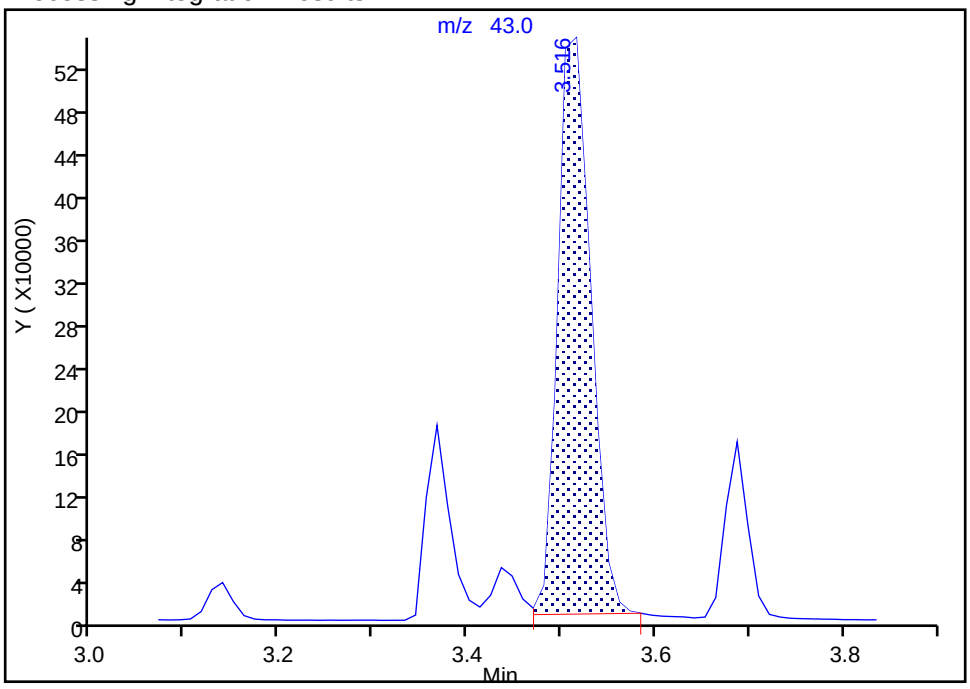
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Injection Date: 20-Oct-2022 15:58:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

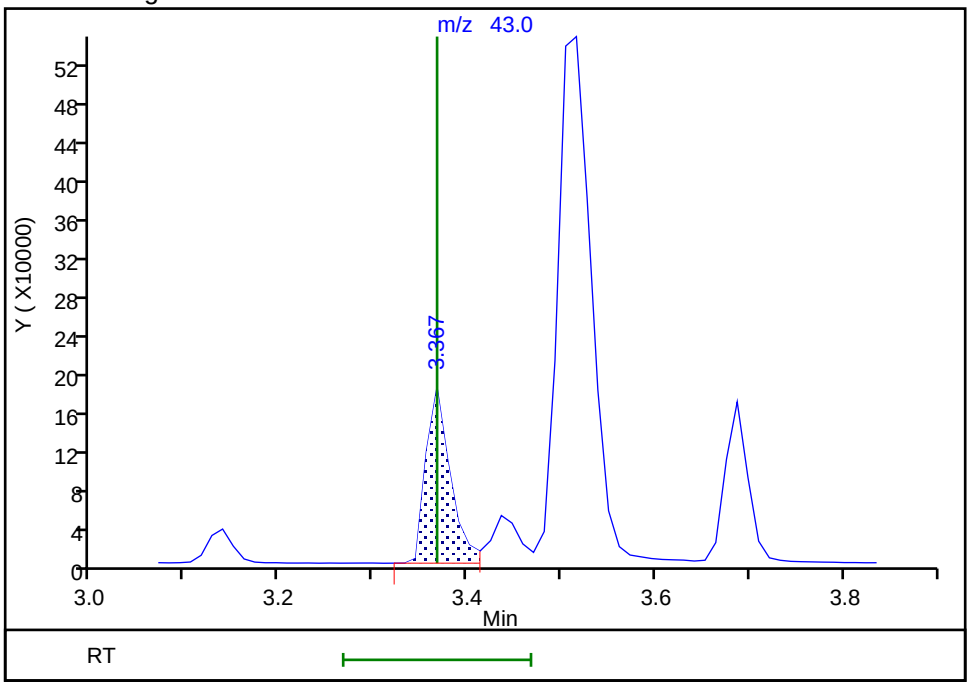
Processing Integration Results

RT: 3.52
Area: 1302418
Amount: 12721
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 329034
Amount: 5153.7249
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:47:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

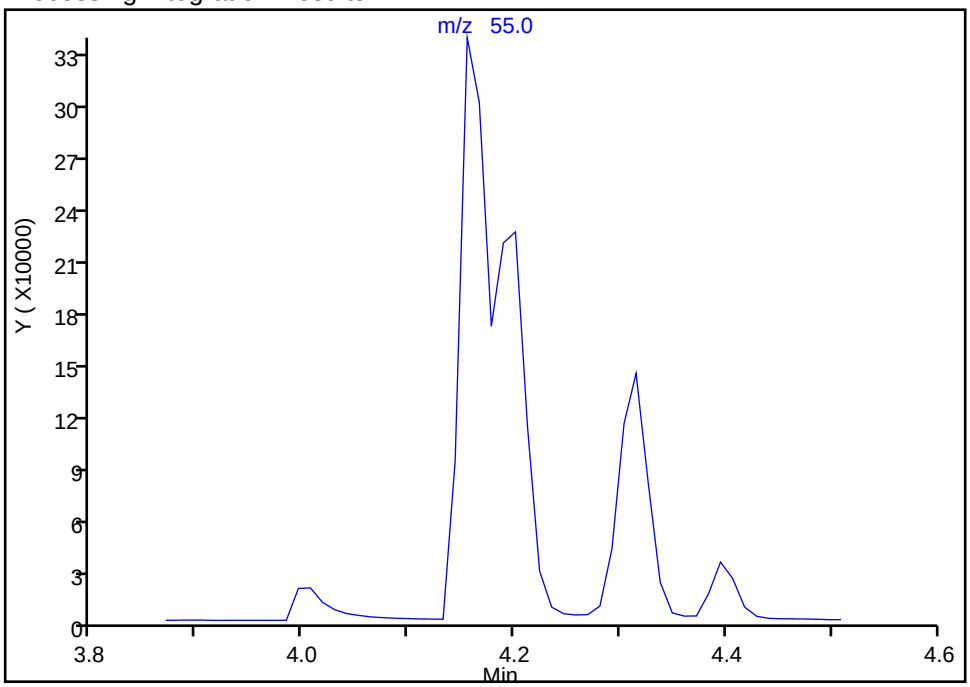
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Injection Date: 20-Oct-2022 15:58:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

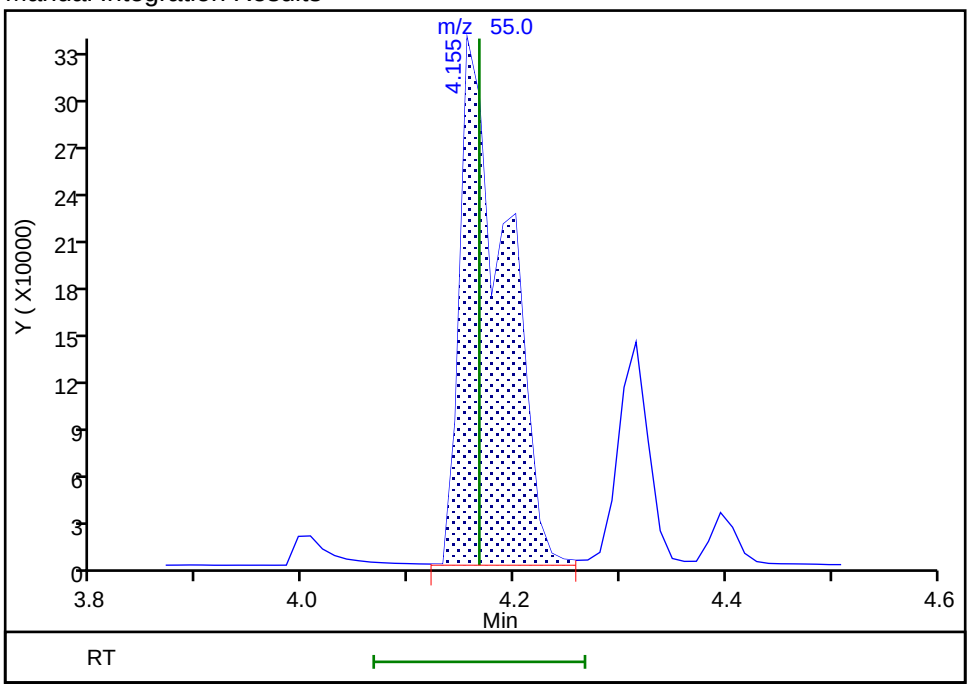
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 1009029
Amount: 198.4533
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:48:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Oct-2022 16:23:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0152018-009
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:15:47 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: HVW2 Date: 21-Oct-2022 04:10:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.821	0.821	0.000	90	795133	500.0	439.4	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	2298539	500.0	558.6	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	330299	500.0	484.6	
6 Chloromethane	50	0.947	0.947	0.000	99	1828476	500.0	580.7	
7 Vinyl chloride	62	0.981	0.981	0.000	98	1589838	500.0	556.8	
8 Butadiene	54	0.993	0.993	0.000	94	1629424	500.0	742.6	
9 Bromomethane	94	1.130	1.141	-0.011	98	540181	500.0	412.1	
10 Chloroethane	64	1.187	1.187	0.000	99	1034635	500.0	516.1	
11 Dichlorofluoromethane	67	1.278	1.290	-0.012	98	2725315	500.0	523.2	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	98	2371094	500.0	586.8	
13 Pentane	57	1.358	1.358	0.000	96	533250	1000.0	1070.4	
14 Ethanol	46	1.415	1.415	0.000	100	210563	20000	14372	
15 Ethyl ether	59	1.461	1.461	0.000	93	1002595	500.0	599.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	84	1360567	500.0	569.5	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	85	1220664	500.0	566.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	2173641	500.0	632.1	
19 Acrolein	56	1.529	1.529	0.000	95	136510	400.0	398.4	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	96	1396456	500.0	591.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	72	1315143	500.0	544.5	
22 Acetone	58	1.609	1.609	0.000	88	486310	2500.0	3067.1	
23 Iodomethane	142	1.666	1.666	0.000	99	2367049	500.0	488.9	
25 Carbon disulfide	76	1.701	1.701	0.000	99	4650082	500.0	518.1	
24 Isopropyl alcohol	45	1.701	1.701	0.000	97	599997	5000.0	5666.8	
26 Acetonitrile	38	1.781	1.780	0.000	83	426058	5000.0	3681.9	
27 3-Chloro-1-propene	76	1.781	1.780	0.000	94	997550	500.0	582.2	
28 Methyl acetate	43	1.803	1.803	0.000	97	1348247	1000.0	972.4	
29 Cyclopentene	67	1.826	1.838	-0.012	96	3580250	500.0	758.2	
30 Methylene Chloride	84	1.849	1.849	0.000	85	1630908	500.0	493.9	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	100	166917	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	921789	5000.0	4626.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.997	1.997	0.000	96	4000150	5000.0	4999.0	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	92	1572102	500.0	583.2	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	3625383	500.0	547.4	
36 Hexane	57	2.203	2.203	0.000	90	1149597	500.0	531.0	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	2748635	500.0	578.8	
38 Vinyl acetate	86	2.329	2.340	-0.012	99	489835	1000.0	892.2	
39 Isopropyl ether	45	2.351	2.351	0.000	89	3793481	500.0	518.5	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	80	1545173	500.0	570.3	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	4406275	500.0	554.7	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	176622	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	87	551062	500.0	546.9	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	97	1767227	500.0	606.8	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	619703	2500.0	2474.4	
42 Propionitrile	54	2.762	2.751	0.011	95	1580601	5000.0	4879.2	
47 Ethyl acetate	70	2.774	2.774	0.000	99	237678	1000.0	982.4	
48 Methyl acrylate	55	2.797	2.797	0.000	98	973980	500.0	615.6	
50 Methacrylonitrile	67	2.888	2.865	0.023	85	4308875	5000.0	6948.0	
49 Chlorobromomethane	128	2.877	2.877	0.001	55	754503	500.0	524.7	
51 Tetrahydrofuran	42	2.922	2.922	0.000	91	543755	1000.0	1197.5	
52 Chloroform	83	2.945	2.945	0.000	99	2797256	500.0	584.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	156764	50.0	60.6	
54 1,1,1-Trichloroethane	97	3.093	3.093	0.000	98	2534506	500.0	555.2	
55 Cyclohexane	84	3.139	3.139	0.000	86	1883197	500.0	543.1	
56 Carbon tetrachloride	117	3.230	3.230	0.000	92	2032886	500.0	600.7	
57 1,1-Dichloropropene	75	3.230	3.230	0.000	96	2075832	500.0	524.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.356	3.345	0.011	0	167076	50.0	60.5	
61 Isobutyl alcohol	43	3.379	3.367	0.012	97	958327	12500	12711	
59 Benzene	78	3.402	3.402	0.000	95	6117808	500.0	456.0	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	1926789	500.0	556.8	
62 Isooctane	57	3.504	3.504	0.000	95	2426619	500.0	540.8	
63 Isopropyl acetate	61	3.516	3.504	0.012	98	431645	500.0	608.5	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	91	4117092	500.0	534.7	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	597892	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	86	789458	500.0	530.3	
67 Trichloroethene	95	4.007	4.007	0.000	99	1642844	500.0	536.8	
68 n-Butanol	56	4.007	4.018	-0.011	40	706924	12500	13232	
69 Ethyl acrylate	55	4.167	4.167	0.000	98	2607576	500.0	549.3	a
70 Methylcyclohexane	83	4.201	4.201	0.000	93	1659629	500.0	539.5	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	1548989	500.0	566.6	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	34704	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	93	900794	500.0	574.2	
74 1,4-Dioxane	88	4.384	4.384	0.000	92	344281	10000	9279.6	
75 Methyl methacrylate	100	4.406	4.395	0.011	83	750505	1000.0	1144.2	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	1456829	500.0	561.5	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	2241011	500.0	630.0	
78 2-Nitropropane	41	4.772	4.772	0.000	97	599946	1000.0	979.1	
79 2-Chloroethyl vinyl ether	63	4.909	4.897	0.012	91	988702	501.2	501.2	
80 Epichlorohydrin	57	4.943	4.932	0.011	99	2558973	10000	10375	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	90	2831674	500.0	551.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.251	5.240	0.011	93	5023549	2500.0	2417.9	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	635574	50.0	47.3	
84 Toluene	91	5.422	5.411	0.011	95	6696836	500.0	449.6	

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	5.719	5.719	0.000	96	2651972	500.0	613.1	
86 Ethyl methacrylate	69	5.913	5.902	0.011	87	1919619	500.0	568.6	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	1163559	500.0	506.1	
88 Tetrachloroethene	166	6.096	6.096	0.000	92	1314003	500.0	456.4	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	2459521	500.0	509.0	
90 2-Hexanone	43	6.324	6.324	0.000	92	3627680	2500.0	2503.0	
91 Chlorodibromomethane	129	6.427	6.416	0.011	98	1734171	500.0	591.8	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	1523644	500.0	514.1	
92 n-Butyl acetate	43	6.553	6.553	0.000	97	1685470	500.0	502.2	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	521067	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	95	4660466	500.0	473.0	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	96	1622289	500.0	559.8	
97 Ethylbenzene	106	7.466	7.466	0.000	97	2385287	500.0	491.0	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	2972641	500.0	511.0	
99 o-Xylene	106	8.220	8.220	0.000	95	3057228	500.0	507.2	
100 Styrene	104	8.254	8.254	0.000	96	4969814	500.0	524.0	
101 n-Butyl acrylate	73	8.322	8.322	0.000	99	1199483	500.0	622.5	
102 Bromoform	173	8.459	8.459	0.000	94	997807	500.0	487.5	
103 Amyl acetate (mixed isomers)	43	8.711	8.711	0.000	93	2272096	500.0	626.7	
104 Isopropylbenzene	105	8.825	8.825	0.000	96	6213661	500.0	501.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	83	164258	50.0	50.0	
106 Bromobenzene	156	9.190	9.190	0.000	97	1789193	500.0	471.6	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.316	0.011	98	1801857	500.0	513.6	
108 1,2,3-Trichloropropane	75	9.338	9.338	0.000	98	1397758	500.0	508.6	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.418	0.012	95	770336	500.0	603.5	
110 N-Propylbenzene	91	9.487	9.475	0.012	100	6680471	500.0	536.5	
111 2-Chlorotoluene	91	9.555	9.544	0.011	97	4854902	500.0	451.7	
112 4-Ethyltoluene	105	9.692	9.681	0.011	98	6067135	500.0	533.9	
113 4-Chlorotoluene	91	9.738	9.727	0.011	96	4641048	500.0	527.3	
114 1,3,5-Trimethylbenzene	105	9.807	9.795	0.012	94	4835504	500.0	494.7	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	2346373	500.0	494.2	
116 tert-Butylbenzene	119	10.309	10.297	0.012	93	3887069	500.0	518.1	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	5070817	500.0	501.4	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	5329539	500.0	555.3	
119 1,3-Dichlorobenzene	146	10.766	10.754	0.012	93	2929638	500.0	486.1	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	251300	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.914	0.011	93	3026037	500.0	465.9	
122 4-Isopropyltoluene	119	10.960	10.948	0.012	97	4289866	500.0	517.3	
123 1,2,3-Trimethylbenzene	105	11.062	11.051	0.011	98	5384535	500.0	495.3	
124 Benzyl chloride	126	11.177	11.165	0.012	99	758397	500.0	499.9	
125 2,3-Dihydroindene	117	11.314	11.302	0.012	95	5605569	500.0	488.2	
126 1,2-Dichlorobenzene	146	11.439	11.428	0.011	93	2824876	500.0	469.3	
127 p-Diethylbenzene	119	11.496	11.496	0.000	95	2226849	500.0	460.4	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	1919652	500.0	500.3	
129 1,2-Dibromo-3-Chloropropane	157	12.204	12.204	0.000	98	370808	500.0	492.7	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	3952737	500.0	461.6	
131 1,3,5-Trichlorobenzene	180	12.375	12.375	0.000	94	1245829	500.0	454.1	
132 1,2,4-Trichlorobenzene	180	12.798	12.809	-0.011	93	1154590	500.0	456.5	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	90	398464	500.0	469.5	
134 Naphthalene	128	12.946	12.946	0.000	99	3443705	500.0	397.7	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	95	954839	500.0	424.8	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	1190.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		1000.0	1018.2	
S 139 Total BTEX	1				0		2500.0	2414.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00145	Amount Added:	40.00	Units: uL	
8FreonHi_00049	Amount Added:	50.00	Units: uL	
GAS Hi_00426	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	50.00	Units: uL	
MIX I Hi_00155	Amount Added:	50.00	Units: uL	
Ethanol mix_00069	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:15:48 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Injection Date: 20-Oct-2022 16:23:30 Instrument ID: CVOAMS12 Operator ID:

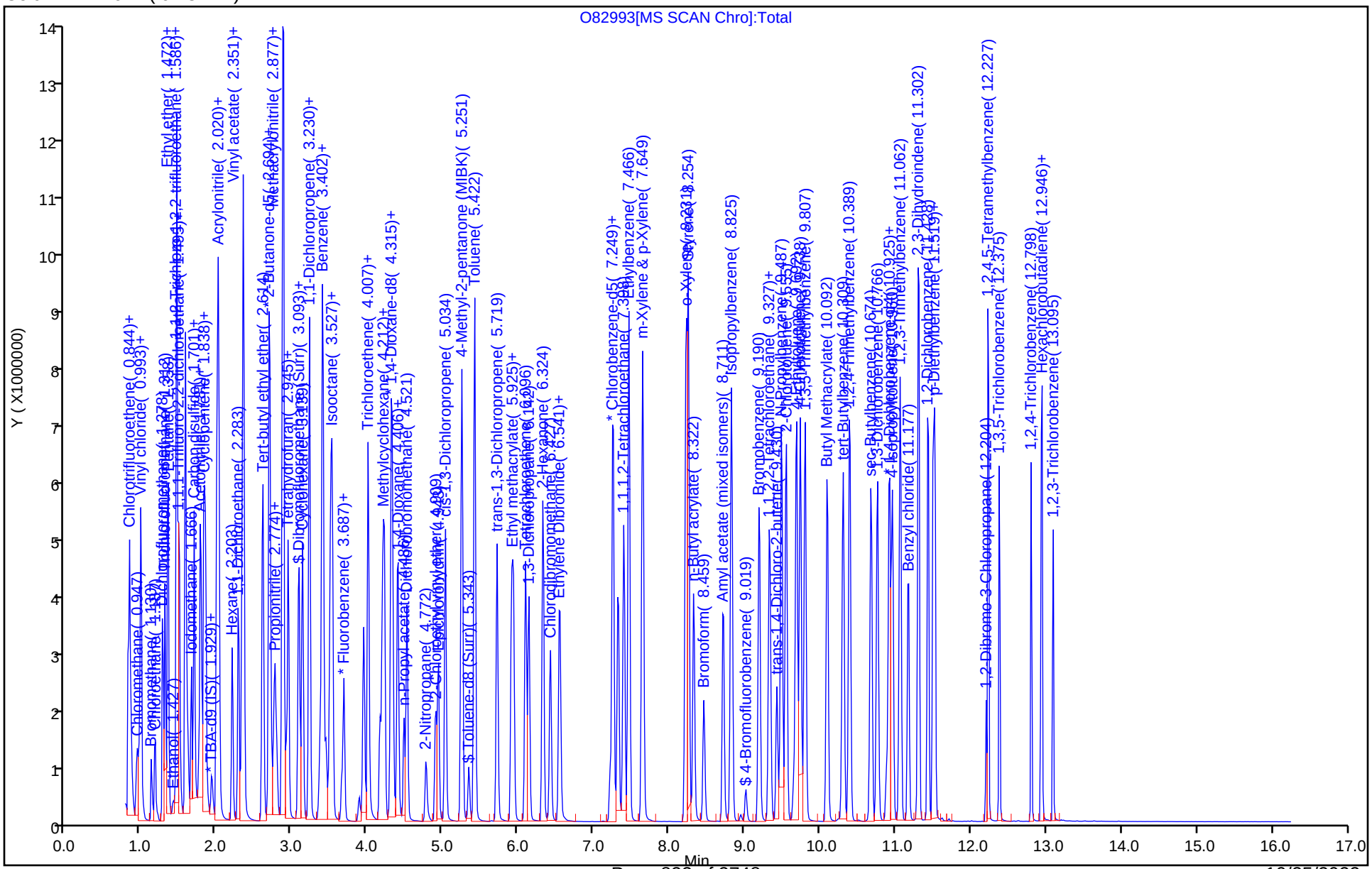
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

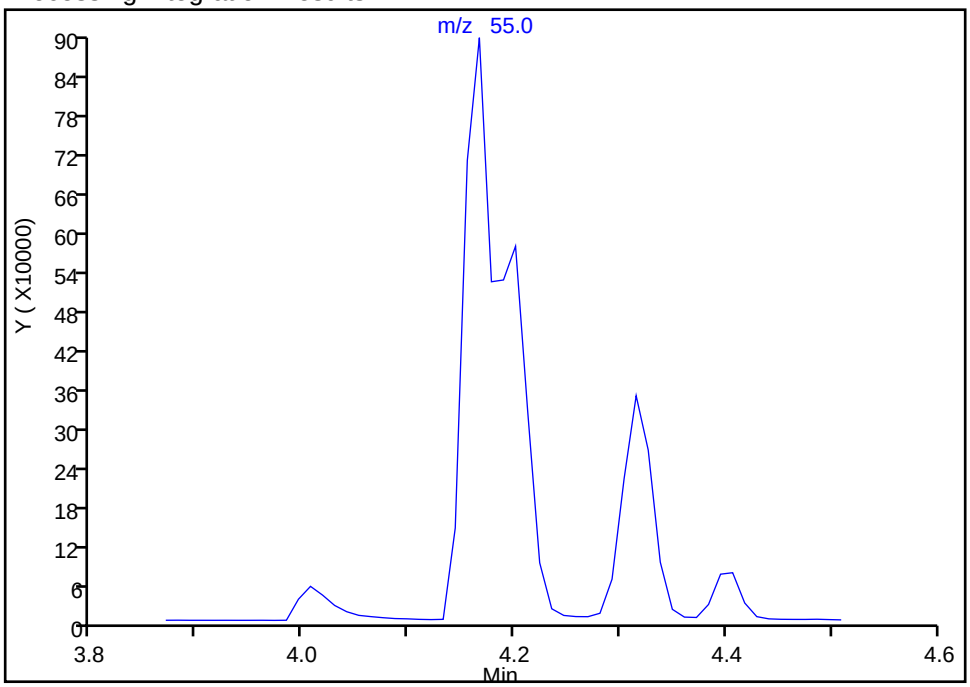
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Injection Date: 20-Oct-2022 16:23:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

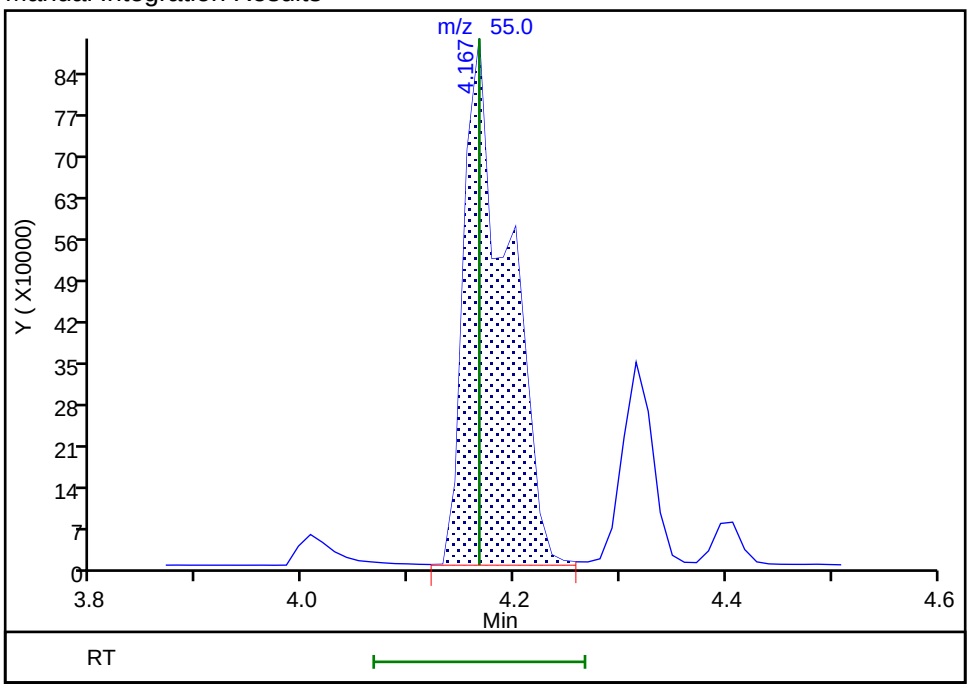
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 2607576
Amount: 549.2619
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 09:49:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

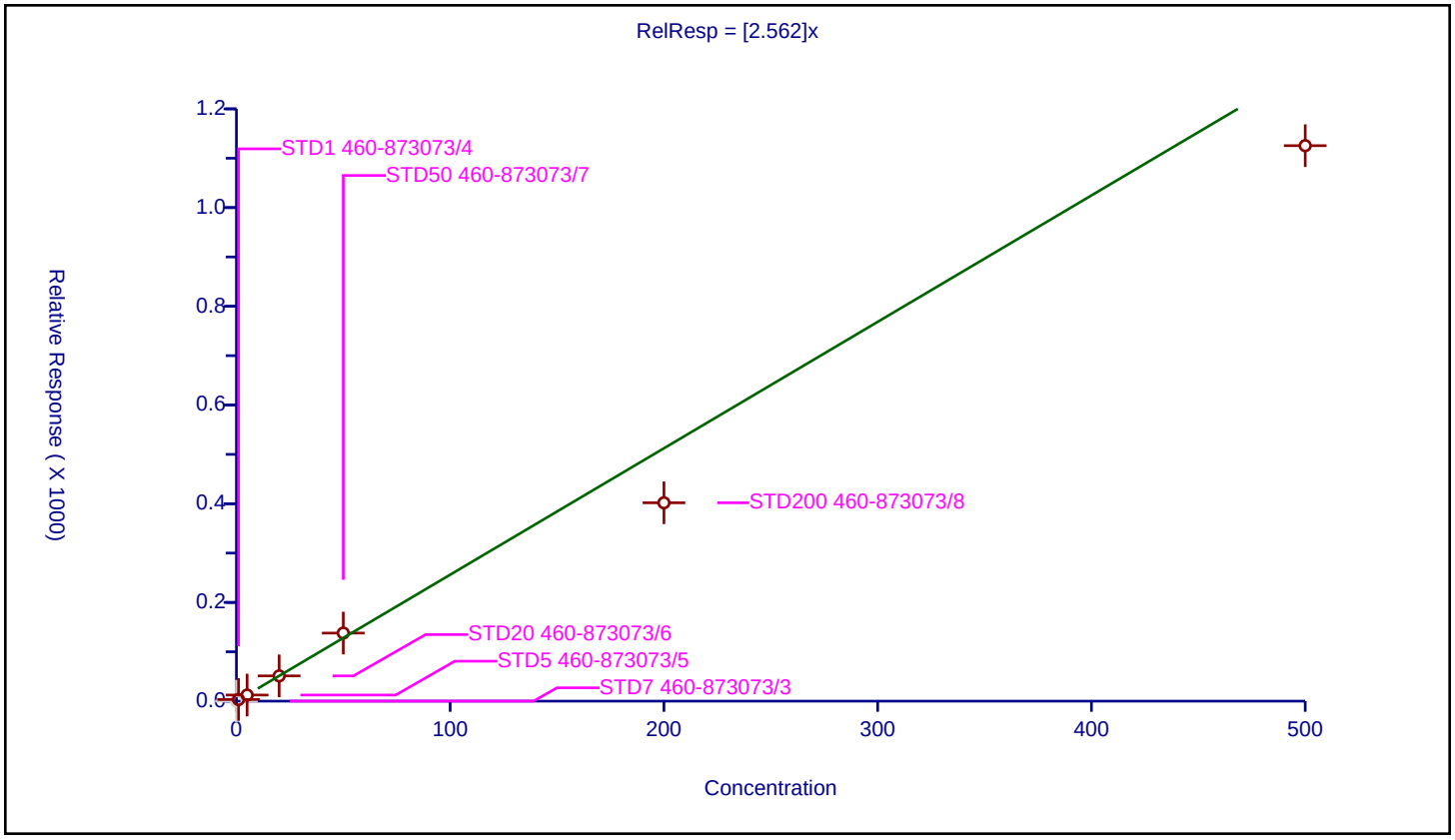
Curve Coefficients

Intercept:	0
Slope:	2.562

Error Coefficients

Standard Error:	379000
Relative Standard Error:	17.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	1.0	3.318086	250.0	108873.0	3.318086	Y
3	STD5 460-873073/5	5.0	12.373479	250.0	110357.0	2.474696	Y
4	STD20 460-873073/6	20.0	51.166427	250.0	126626.0	2.558321	Y
5	STD50 460-873073/7	50.0	137.917598	250.0	125749.0	2.758352	Y
6	STD200 460-873073/8	200.0	401.896826	250.0	180723.0	2.009484	Y
7	STD500 460-873073/9	500.0	1125.472761	250.0	176622.0	2.250946	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

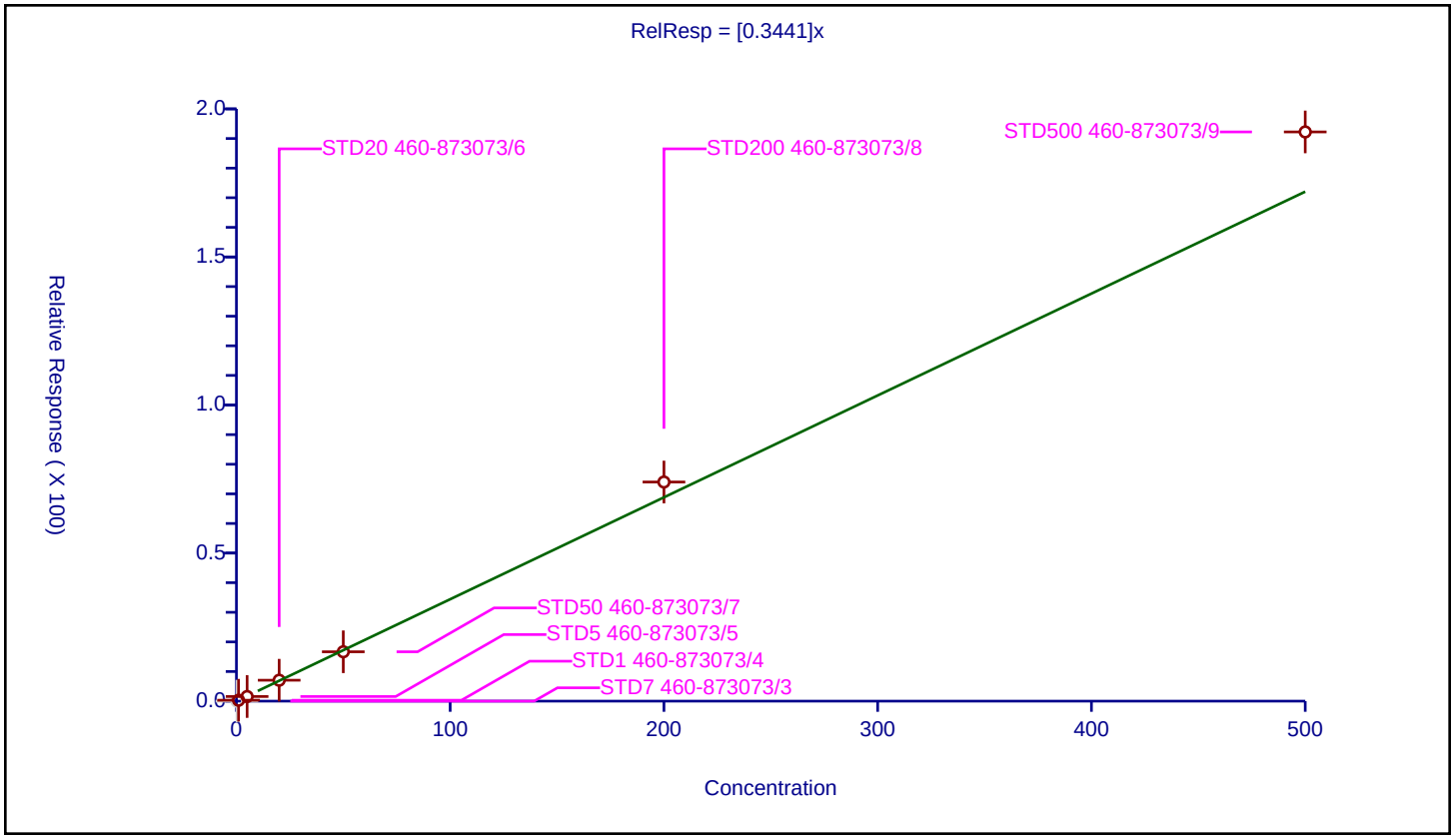
Curve Coefficients

Intercept:	0
Slope:	0.3441

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.25	0.0	50.0	515697.0	0.0	N
2	STD1 460-873073/4	1.0	0.311407	50.0	541414.0	0.311407	Y
3	STD5 460-873073/5	5.0	1.561007	50.0	550510.0	0.312201	Y
4	STD20 460-873073/6	20.0	7.062415	50.0	584715.0	0.353121	Y
5	STD50 460-873073/7	50.0	16.670242	50.0	605981.0	0.333405	Y
6	STD200 460-873073/8	200.0	73.999314	50.0	641685.0	0.369997	Y
7	STD500 460-873073/9	500.0	192.22025	50.0	597892.0	0.384441	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

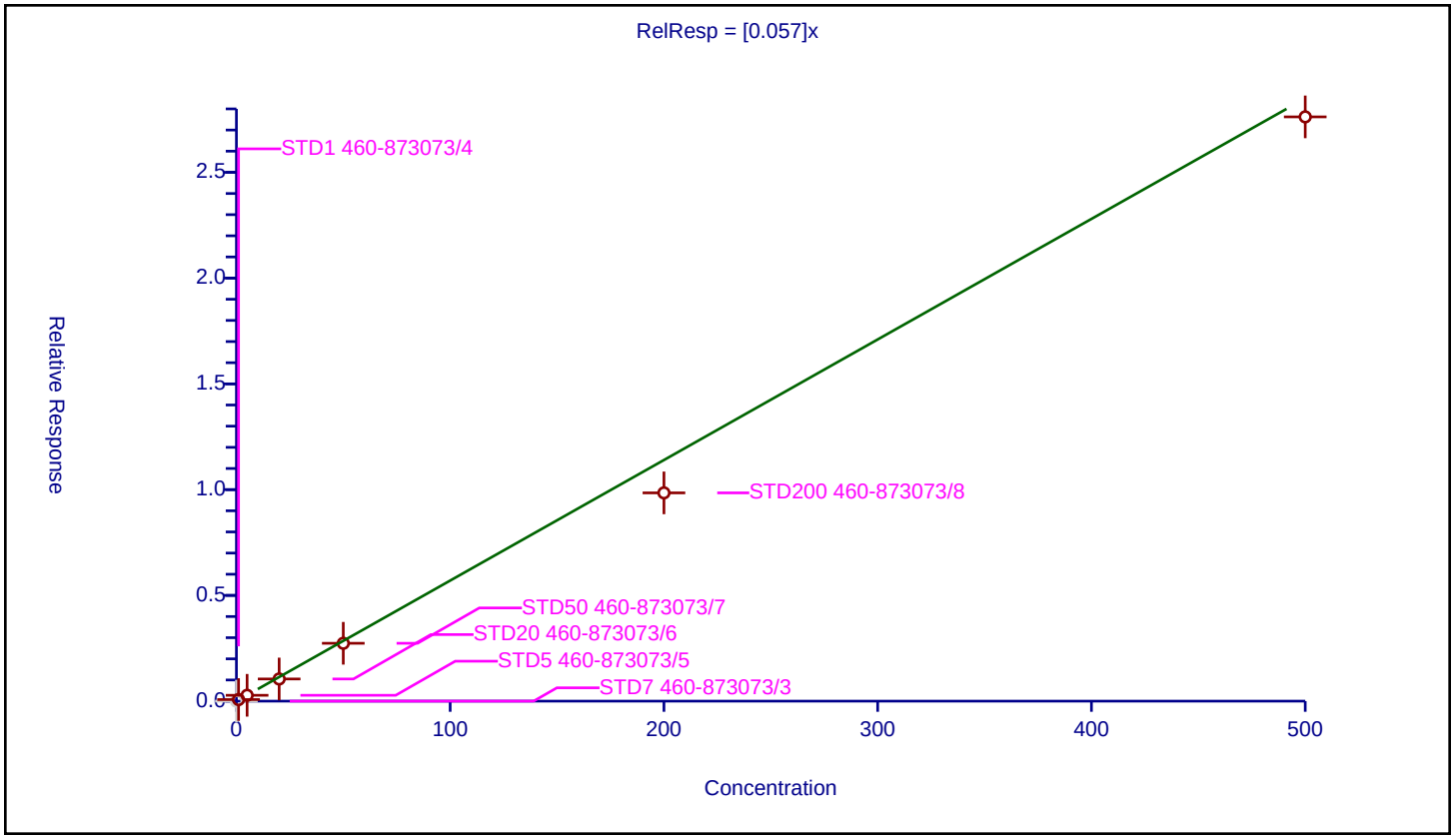
Curve Coefficients

Intercept:	0
Slope:	0.057

Error Coefficients

Standard Error:	159000
Relative Standard Error:	16.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.075174	50.0	541414.0	0.075174	Y
3	STD5 460-873073/5	5.0	0.275926	50.0	550510.0	0.055185	Y
4	STD20 460-873073/6	20.0	1.048887	50.0	584715.0	0.052444	Y
5	STD50 460-873073/7	50.0	2.735152	50.0	605981.0	0.054703	Y
6	STD200 460-873073/8	200.0	9.846576	50.0	641685.0	0.049233	Y
7	STD500 460-873073/9	500.0	27.621962	50.0	597892.0	0.055244	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

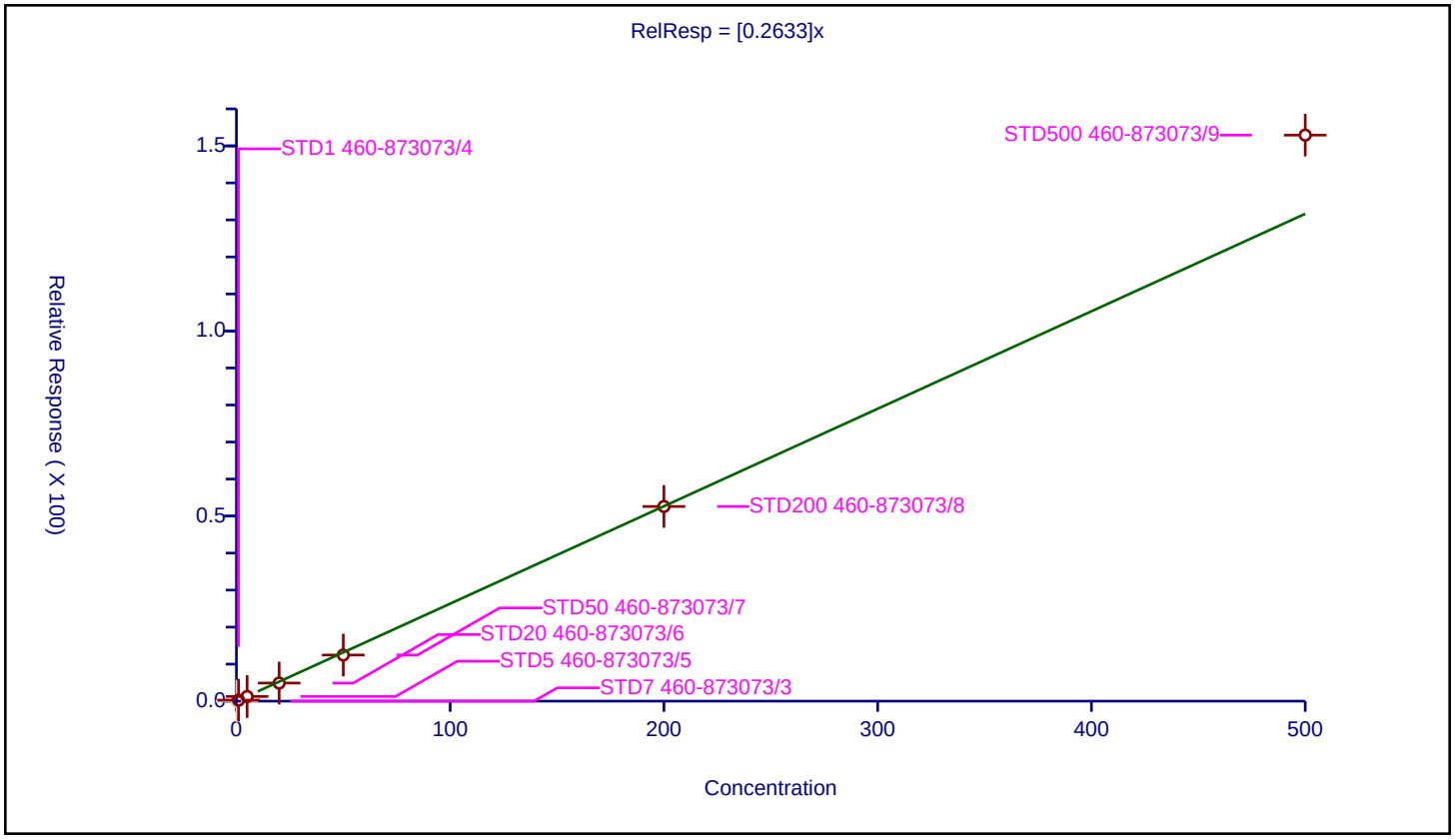
Curve Coefficients

Intercept:	0
Slope:	0.2633

Error Coefficients

Standard Error:	875000
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 460-873073/3	0.25	0.0	50.0	515697.0	0.0	N
2	STD1 460-873073/4	1.0	0.266986	50.0	541414.0	0.266986	Y
3	STD5 460-873073/5	5.0	1.252293	50.0	550510.0	0.250459	Y
4	STD20 460-873073/6	20.0	4.887167	50.0	584715.0	0.244358	Y
5	STD50 460-873073/7	50.0	12.461117	50.0	605981.0	0.249222	Y
6	STD200 460-873073/8	200.0	52.590523	50.0	641685.0	0.262953	Y
7	STD500 460-873073/9	500.0	152.910225	50.0	597892.0	0.30582	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

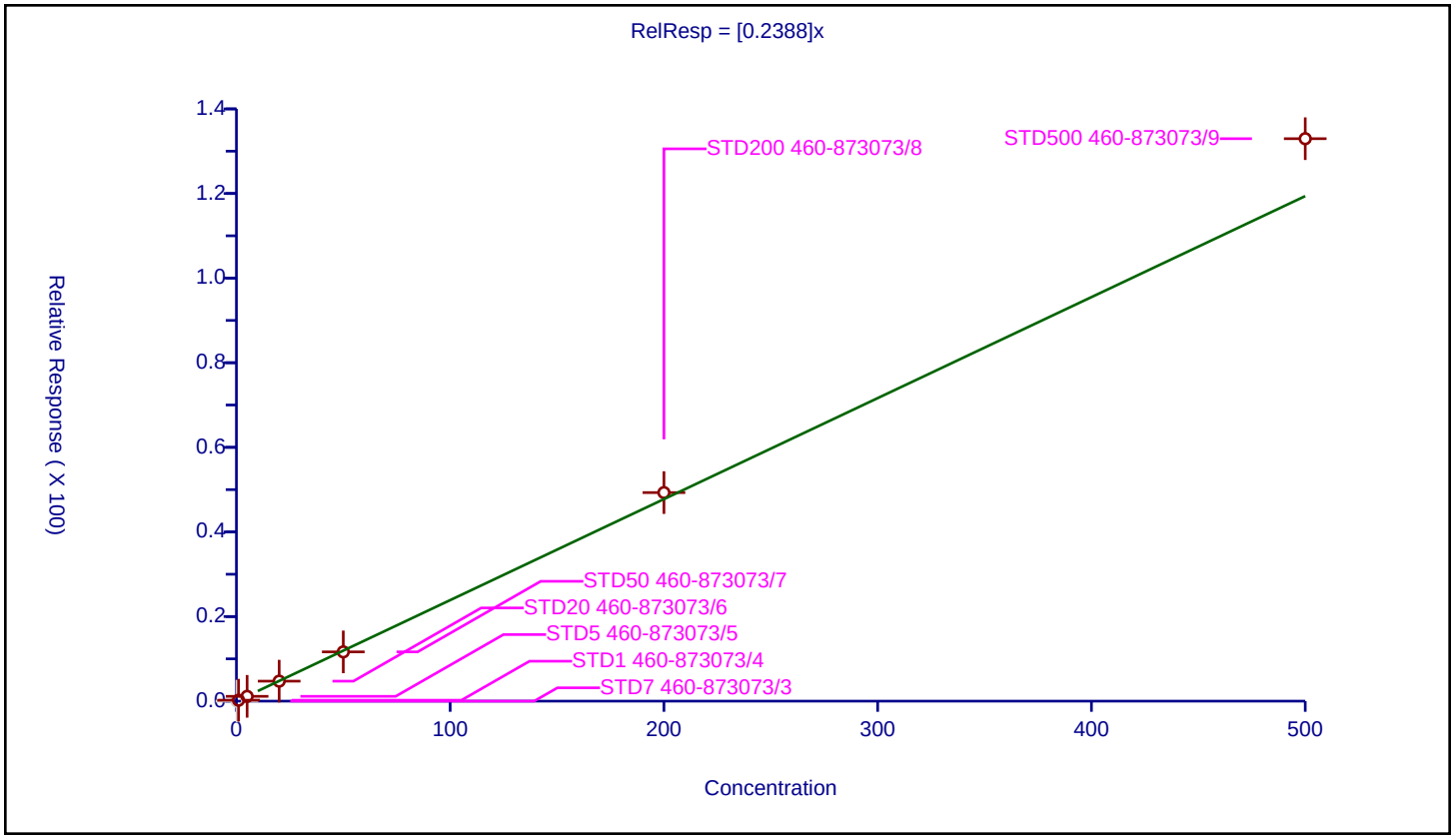
Curve Coefficients

Intercept:	0
Slope:	0.2388

Error Coefficients

Standard Error:	768000
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 460-873073/3	0.25	0.0	50.0	515697.0	0.0	N
2	STD1 460-873073/4	1.0	0.224412	50.0	541414.0	0.224412	Y
3	STD5 460-873073/5	5.0	1.133222	50.0	550510.0	0.226644	Y
4	STD20 460-873073/6	20.0	4.725978	50.0	584715.0	0.236299	Y
5	STD50 460-873073/7	50.0	11.641784	50.0	605981.0	0.232836	Y
6	STD200 460-873073/8	200.0	49.299734	50.0	641685.0	0.246499	Y
7	STD500 460-873073/9	500.0	132.95361	50.0	597892.0	0.265907	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

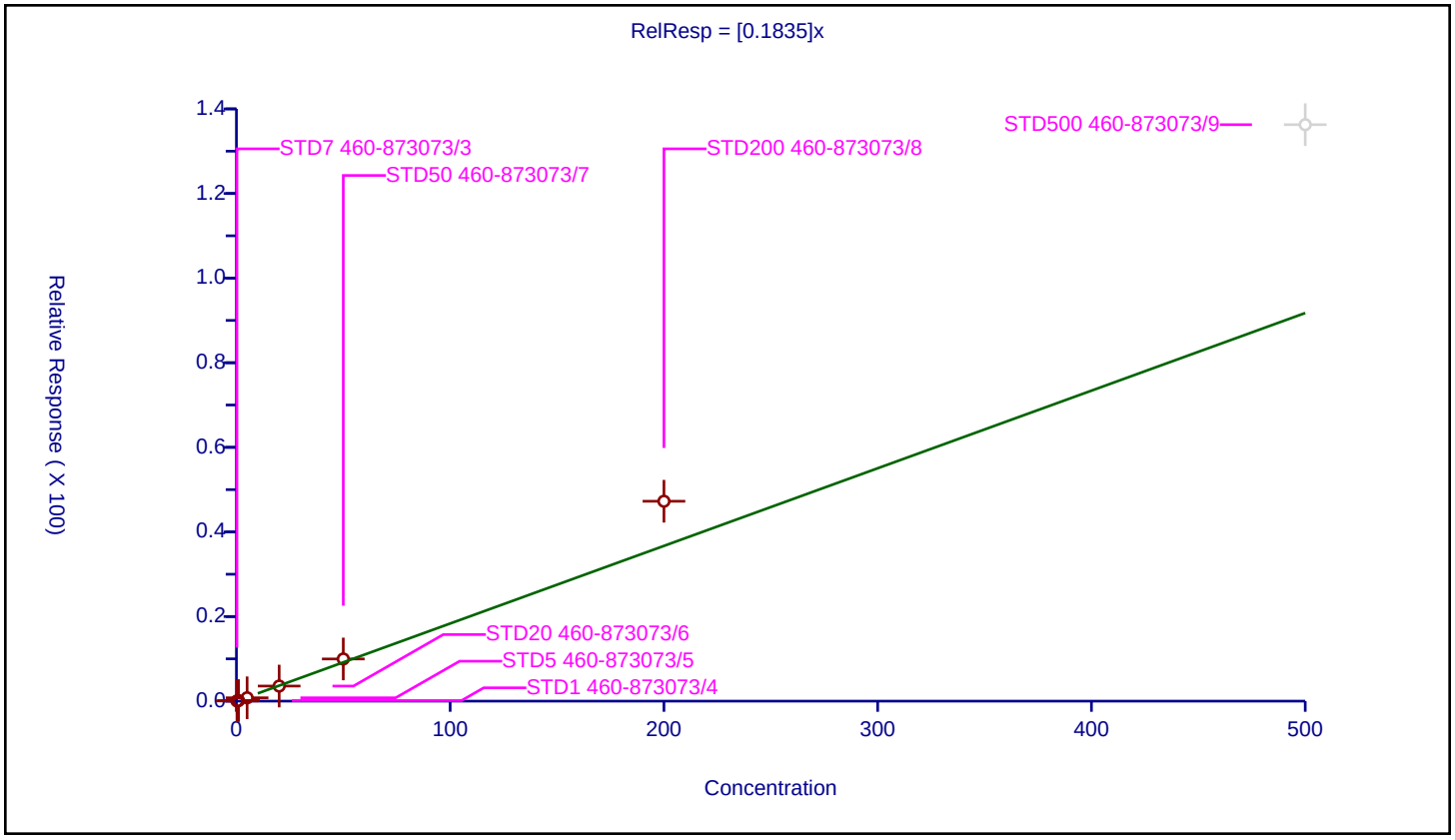
Curve Coefficients

Intercept:	0
Slope:	0.1835

Error Coefficients

Standard Error:	277000
Relative Standard Error:	19.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.25	0.049448	50.0	515697.0	0.197791	Y
2	STD1 460-873073/4	1.0	0.131692	50.0	541414.0	0.131692	Y
3	STD5 460-873073/5	5.0	0.787088	50.0	550510.0	0.157418	Y
4	STD20 460-873073/6	20.0	3.569089	50.0	584715.0	0.178454	Y
5	STD50 460-873073/7	50.0	9.966732	50.0	605981.0	0.199335	Y
6	STD200 460-873073/8	200.0	47.254027	50.0	641685.0	0.23627	Y
7	STD500 460-873073/9	500.0	136.264074	50.0	597892.0	0.272528	N



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

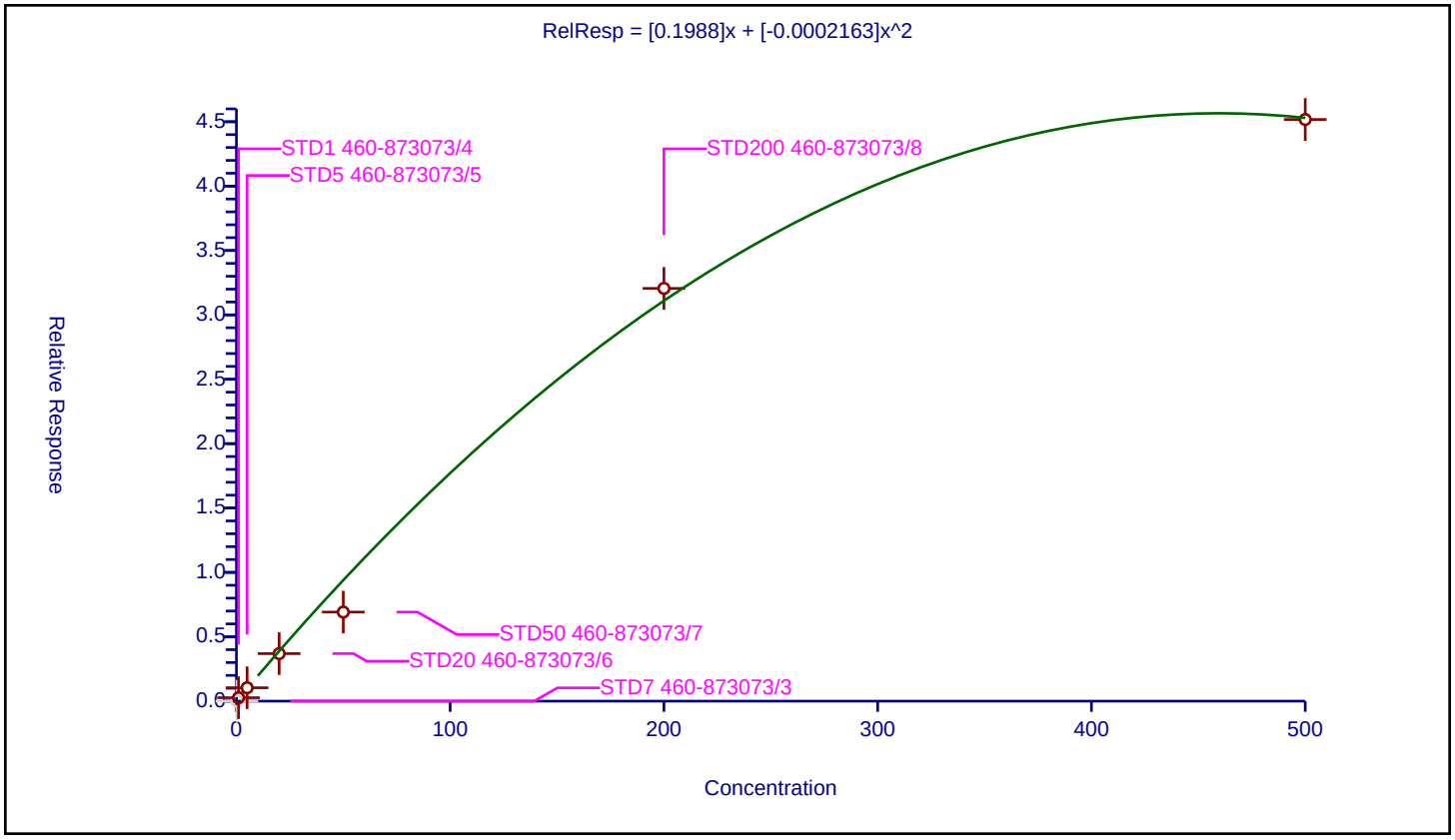
Curve Coefficients

Intercept:	0
Slope:	0.1988
Second Order:	-0.0002163

Error Coefficients

Standard Error:	343000
Relative Standard Error:	24.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.25	0.0	50.0	515697.0	0.0	N
2	STD1 460-873073/4	1.0	0.267633	50.0	541414.0	0.267633	Y
3	STD5 460-873073/5	5.0	1.039127	50.0	550510.0	0.207825	Y
4	STD20 460-873073/6	20.0	3.6912	50.0	584715.0	0.18456	Y
5	STD50 460-873073/7	50.0	6.918699	50.0	605981.0	0.138374	Y
6	STD200 460-873073/8	200.0	32.057318	50.0	641685.0	0.160287	Y
7	STD500 460-873073/9	500.0	45.173794	50.0	597892.0	0.090348	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

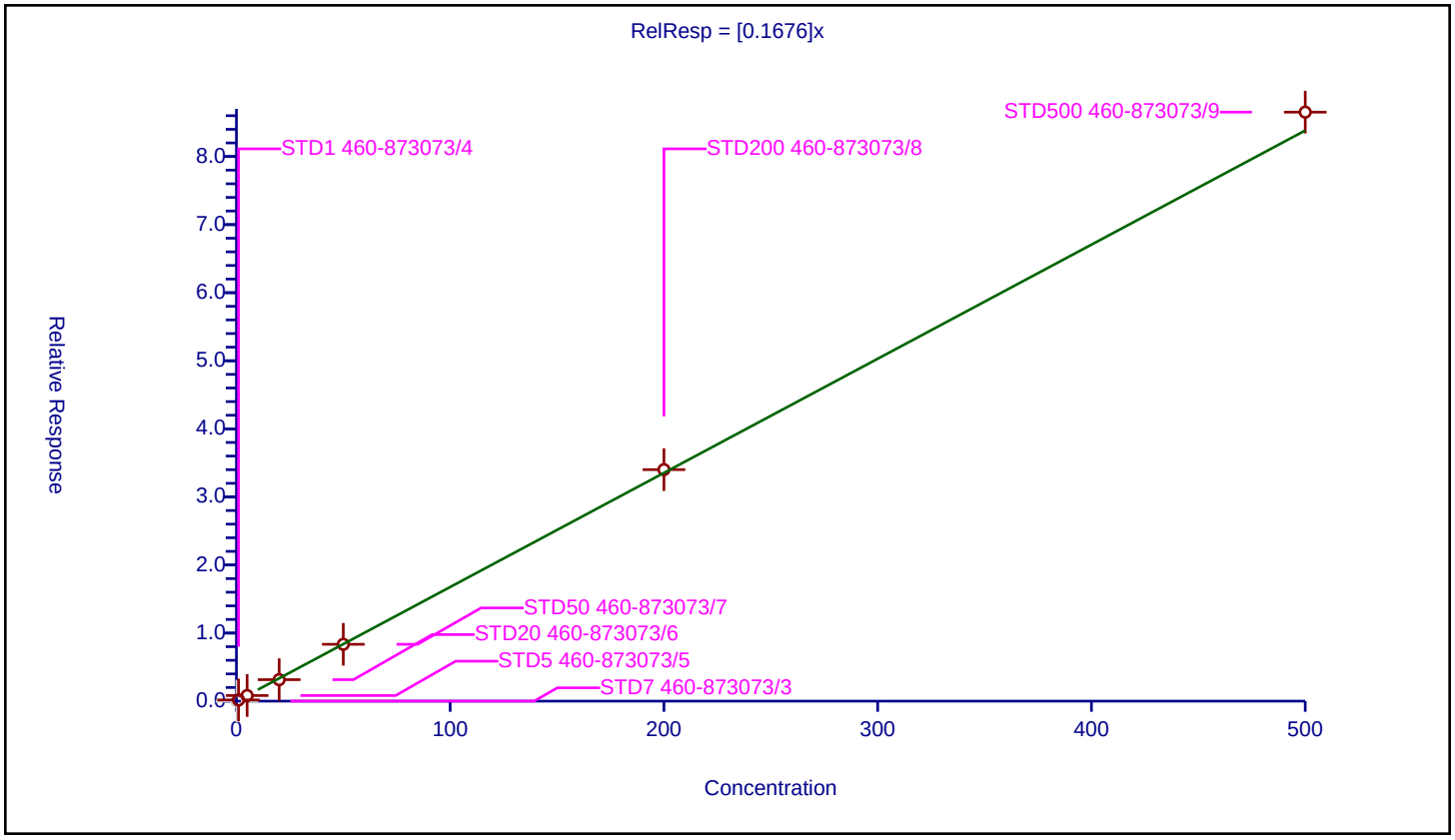
Curve Coefficients

Intercept:	0
Slope:	0.1676

Error Coefficients

Standard Error:	504000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.25	0.0	50.0	515697.0	0.0	N
2	STD1 460-873073/4	1.0	0.173619	50.0	541414.0	0.173619	Y
3	STD5 460-873073/5	5.0	0.822328	50.0	550510.0	0.164466	Y
4	STD20 460-873073/6	20.0	3.154357	50.0	584715.0	0.157718	Y
5	STD50 460-873073/7	50.0	8.349602	50.0	605981.0	0.166992	Y
6	STD200 460-873073/8	200.0	34.009366	50.0	641685.0	0.170047	Y
7	STD500 460-873073/9	500.0	86.523569	50.0	597892.0	0.173047	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

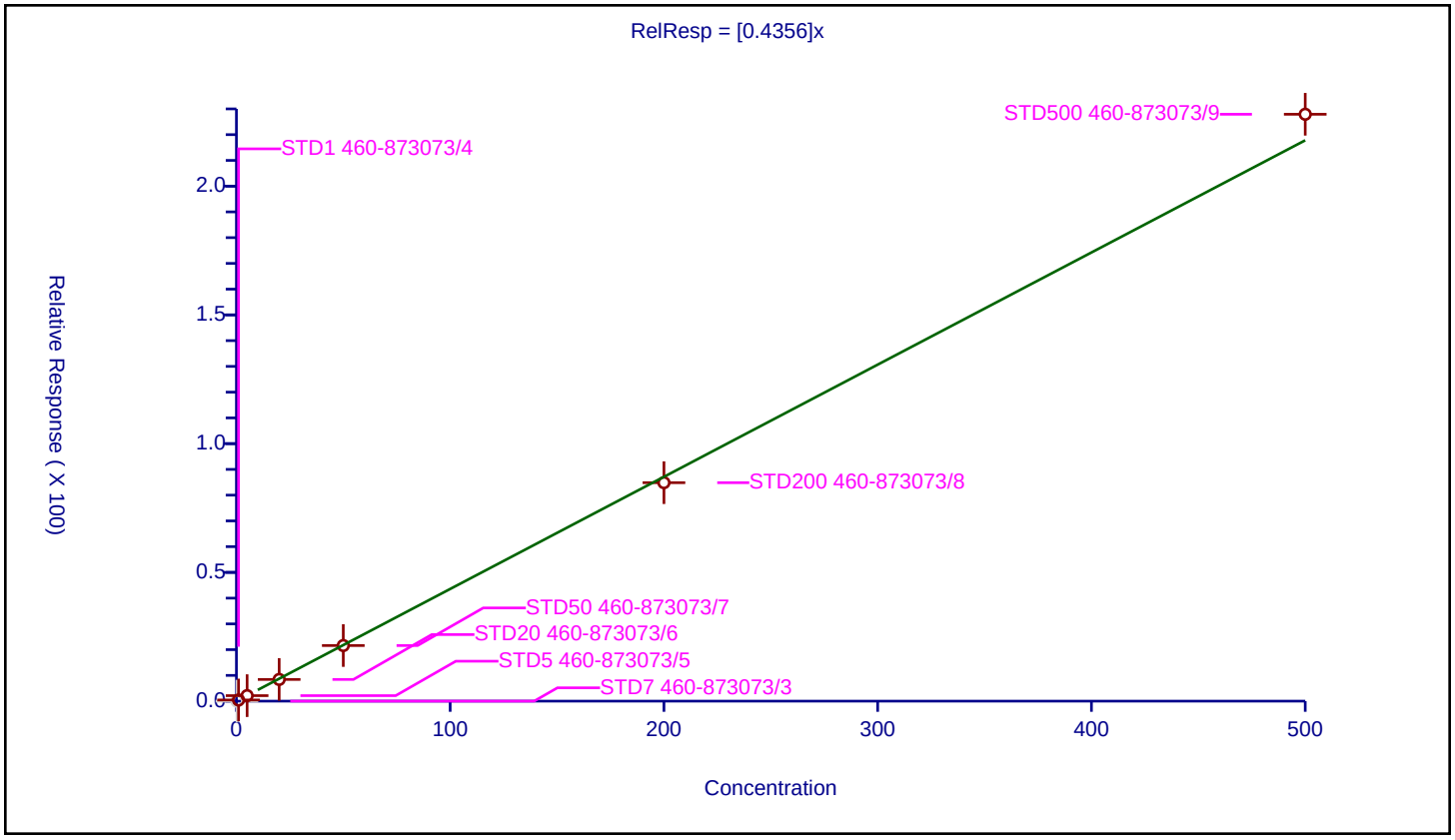
Curve Coefficients

Intercept:	0
Slope:	0.4356

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.25	0.0	50.0	515697.0	0.0	N
2	STD1 460-873073/4	1.0	0.453904	50.0	541414.0	0.453904	Y
3	STD5 460-873073/5	5.0	2.133749	50.0	550510.0	0.42675	Y
4	STD20 460-873073/6	20.0	8.422992	50.0	584715.0	0.42115	Y
5	STD50 460-873073/7	50.0	21.588383	50.0	605981.0	0.431768	Y
6	STD200 460-873073/8	200.0	84.837342	50.0	641685.0	0.424187	Y
7	STD500 460-873073/9	500.0	227.910308	50.0	597892.0	0.455821	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

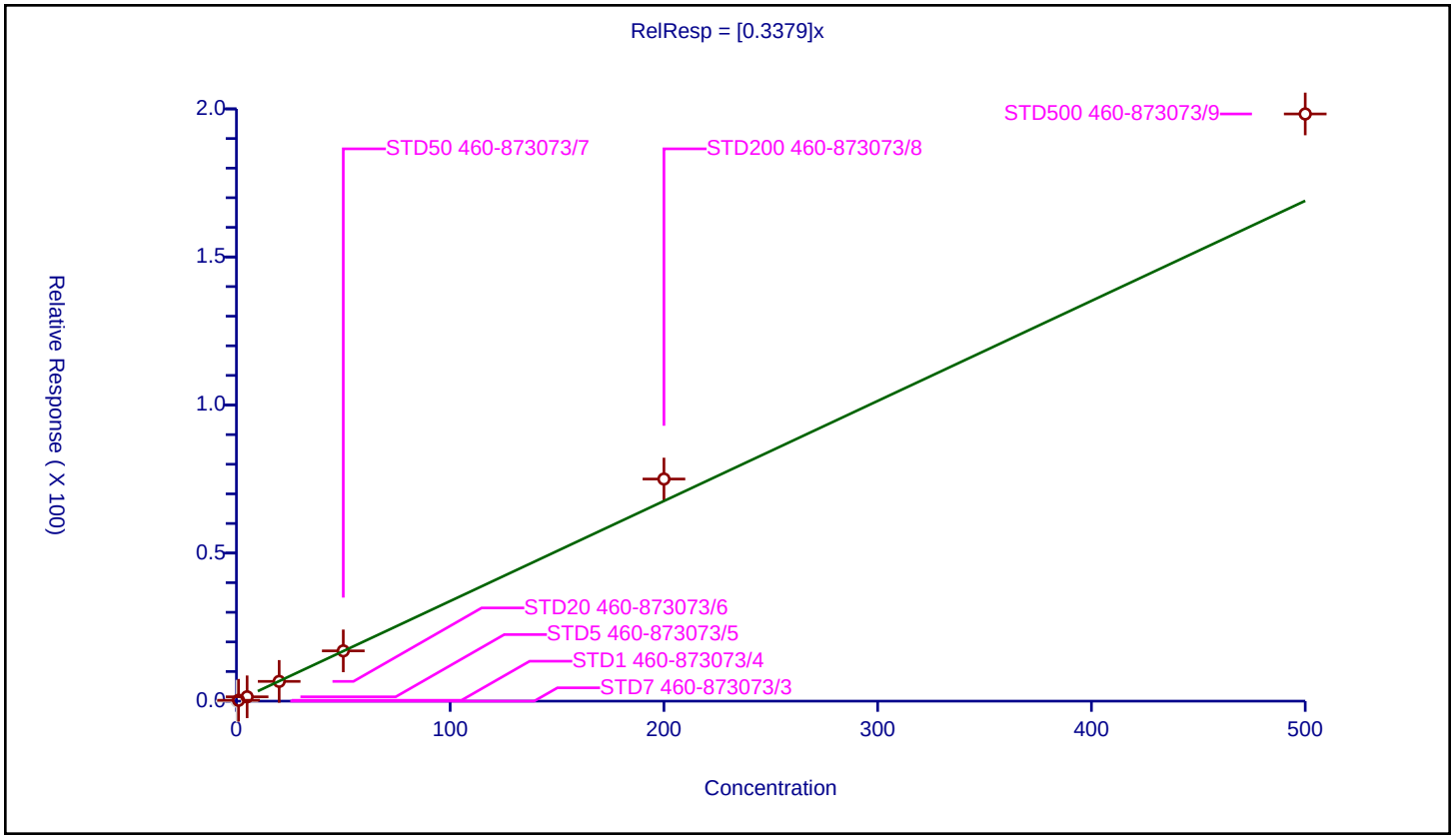
Curve Coefficients

Intercept:	0
Slope:	0.3379

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.25	0.0	50.0	515697.0	0.0	N
2	STD1 460-873073/4	1.0	0.290258	50.0	541414.0	0.290258	Y
3	STD5 460-873073/5	5.0	1.464097	50.0	550510.0	0.292819	Y
4	STD20 460-873073/6	20.0	6.667436	50.0	584715.0	0.333372	Y
5	STD50 460-873073/7	50.0	16.972974	50.0	605981.0	0.339459	Y
6	STD200 460-873073/8	200.0	75.010714	50.0	641685.0	0.375054	Y
7	STD500 460-873073/9	500.0	198.287818	50.0	597892.0	0.396576	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

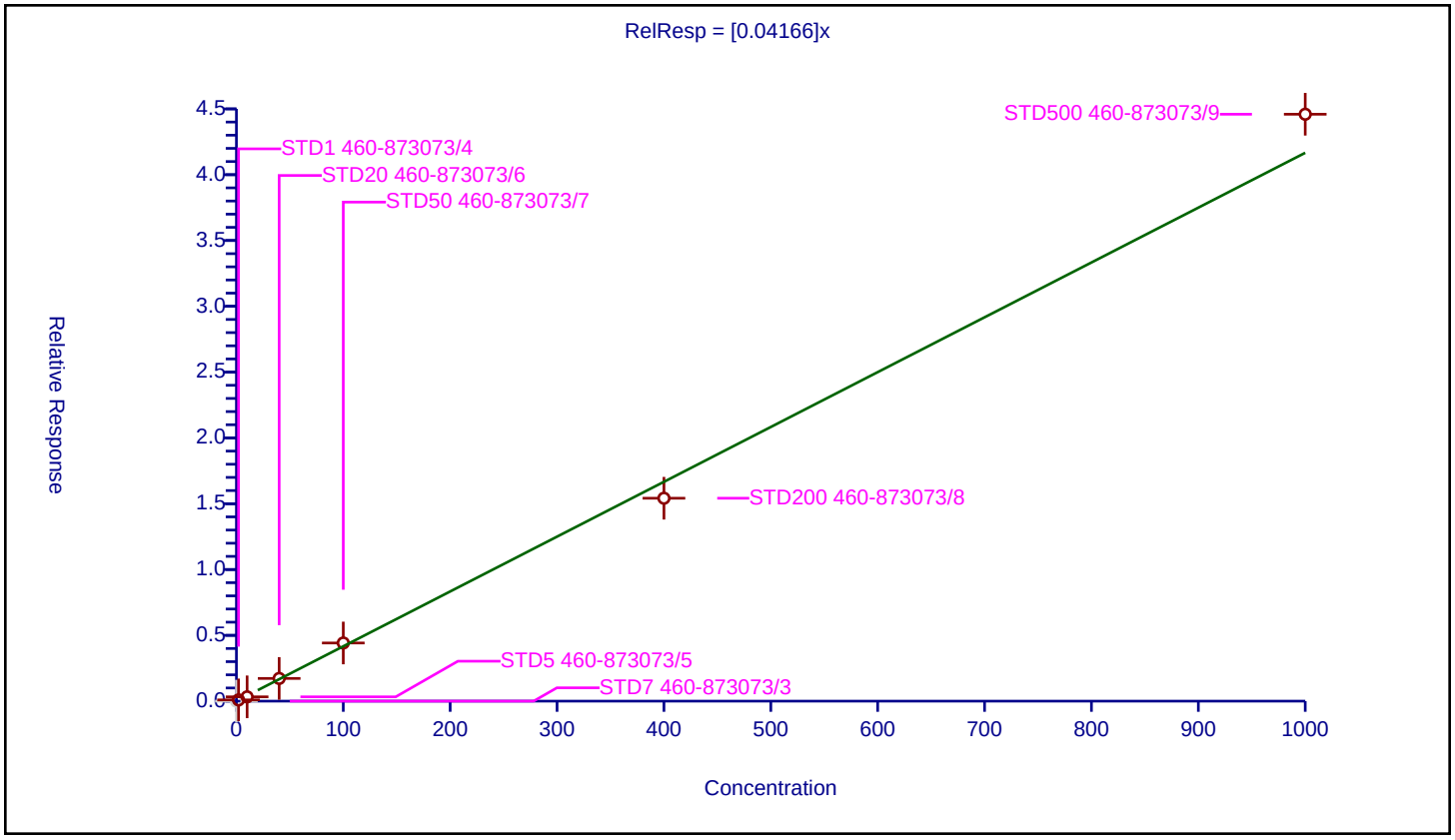
Curve Coefficients

Intercept:	0
Slope:	0.04166

Error Coefficients

Standard Error:	256000
Relative Standard Error:	12.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	2.0	0.093644	50.0	541414.0	0.046822	Y
3	STD5 460-873073/5	10.0	0.326788	50.0	550510.0	0.032679	Y
4	STD20 460-873073/6	40.0	1.725884	50.0	584715.0	0.043147	Y
5	STD50 460-873073/7	100.0	4.419033	50.0	605981.0	0.04419	Y
6	STD200 460-873073/8	400.0	15.417845	50.0	641685.0	0.038545	Y
7	STD500 460-873073/9	1000.0	44.594174	50.0	597892.0	0.044594	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

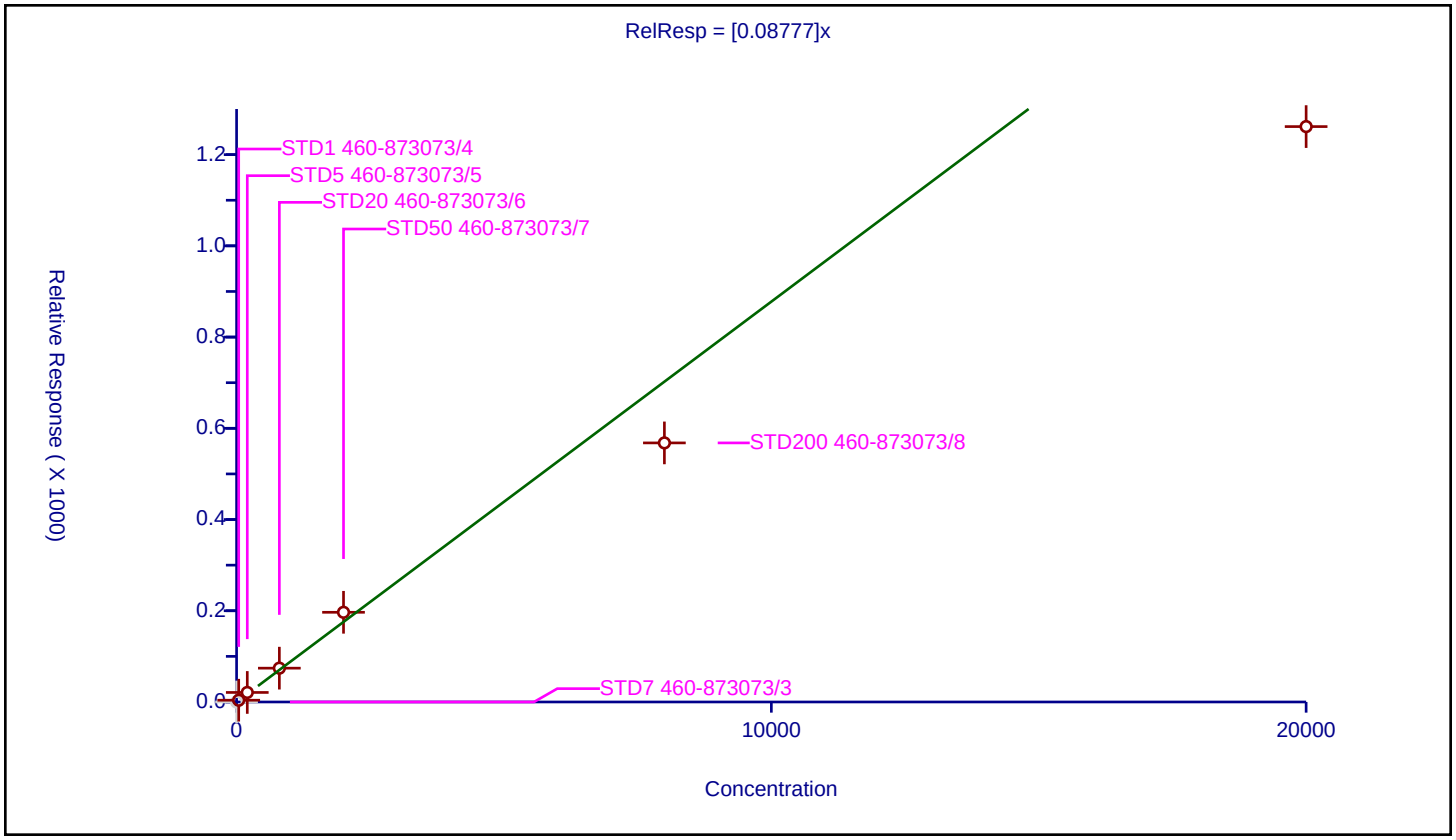
Curve Coefficients

Intercept:	0
Slope:	0.08777

Error Coefficients

Standard Error:	100000
Relative Standard Error:	19.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	40.0	3.880081	1000.0	98967.0	0.097002	Y
3	STD5 460-873073/5	200.0	20.90596	1000.0	94949.0	0.10453	Y
4	STD20 460-873073/6	800.0	74.185249	1000.0	102608.0	0.092732	Y
5	STD50 460-873073/7	2000.0	196.632036	1000.0	99526.0	0.098316	Y
6	STD200 460-873073/8	8000.0	567.96508	1000.0	141352.0	0.070996	Y
7	STD500 460-873073/9	20000.0	1261.483252	1000.0	166917.0	0.063074	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

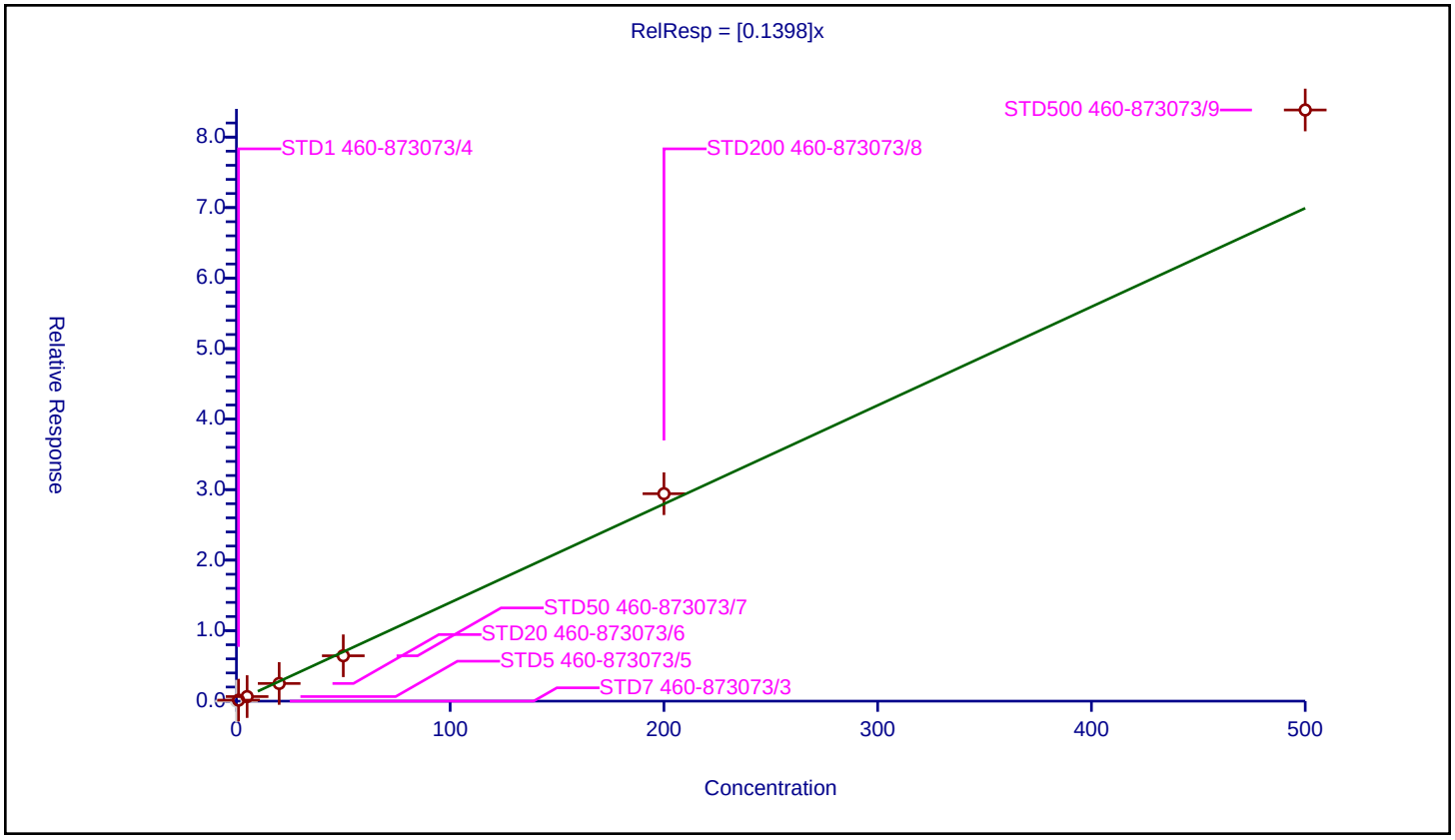
Curve Coefficients

Intercept:	0
Slope:	0.1398

Error Coefficients

Standard Error:	481000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.140835	50.0	541414.0	0.140835	Y
3	STD5 460-873073/5	5.0	0.647309	50.0	550510.0	0.129462	Y
4	STD20 460-873073/6	20.0	2.50481	50.0	584715.0	0.125241	Y
5	STD50 460-873073/7	50.0	6.43469	50.0	605981.0	0.128694	Y
6	STD200 460-873073/8	200.0	29.421133	50.0	641685.0	0.147106	Y
7	STD500 460-873073/9	500.0	83.844156	50.0	597892.0	0.167688	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

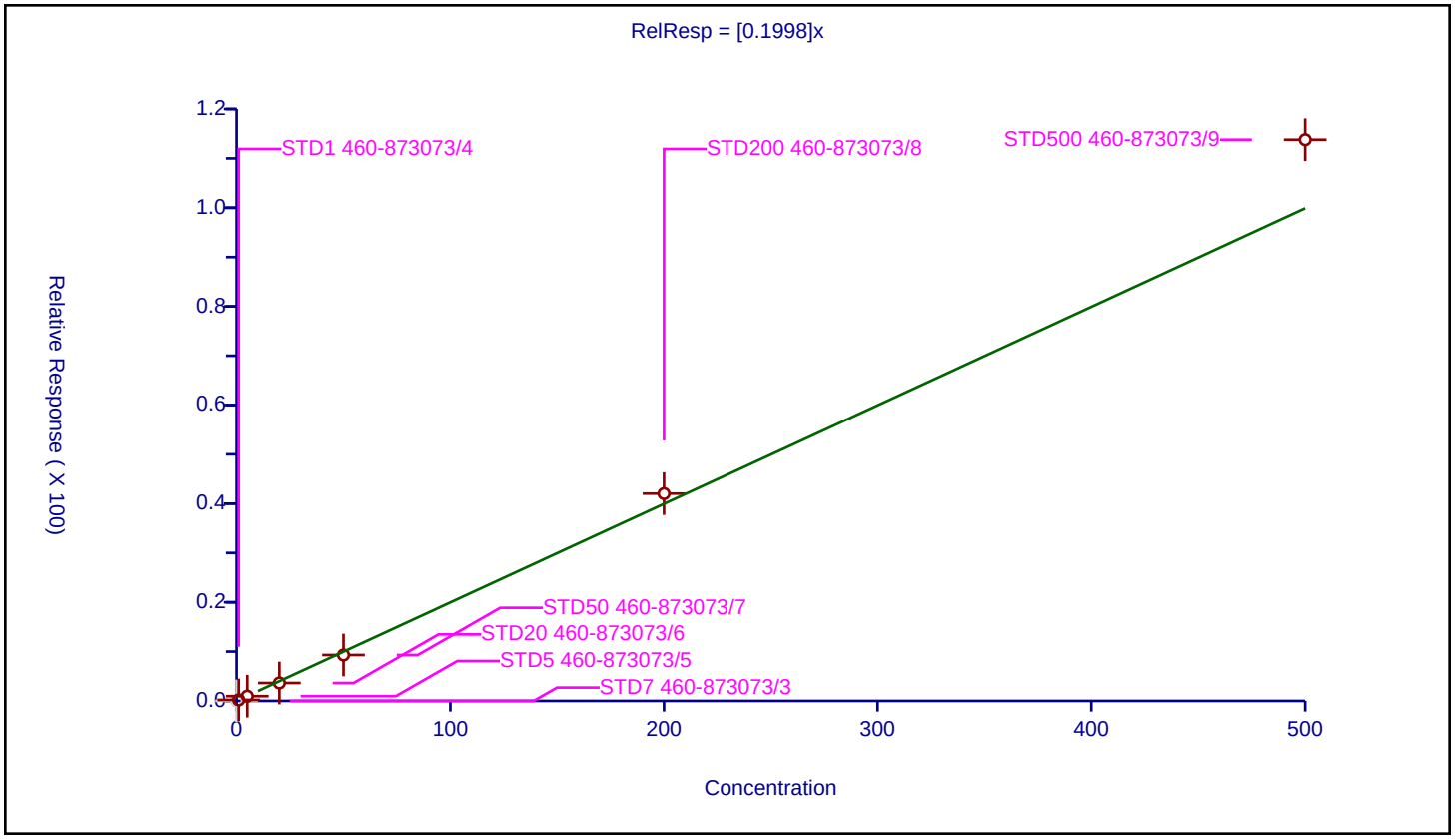
Curve Coefficients

Intercept:	0
Slope:	0.1998

Error Coefficients

Standard Error:	657000
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	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.200586	50.0	541414.0	0.200586	Y
3	STD5 460-873073/5	5.0	0.961654	50.0	550510.0	0.192331	Y
4	STD20 460-873073/6	20.0	3.636216	50.0	584715.0	0.181811	Y
5	STD50 460-873073/7	50.0	9.312008	50.0	605981.0	0.18624	Y
6	STD200 460-873073/8	200.0	42.034643	50.0	641685.0	0.210173	Y
7	STD500 460-873073/9	500.0	113.780332	50.0	597892.0	0.227561	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

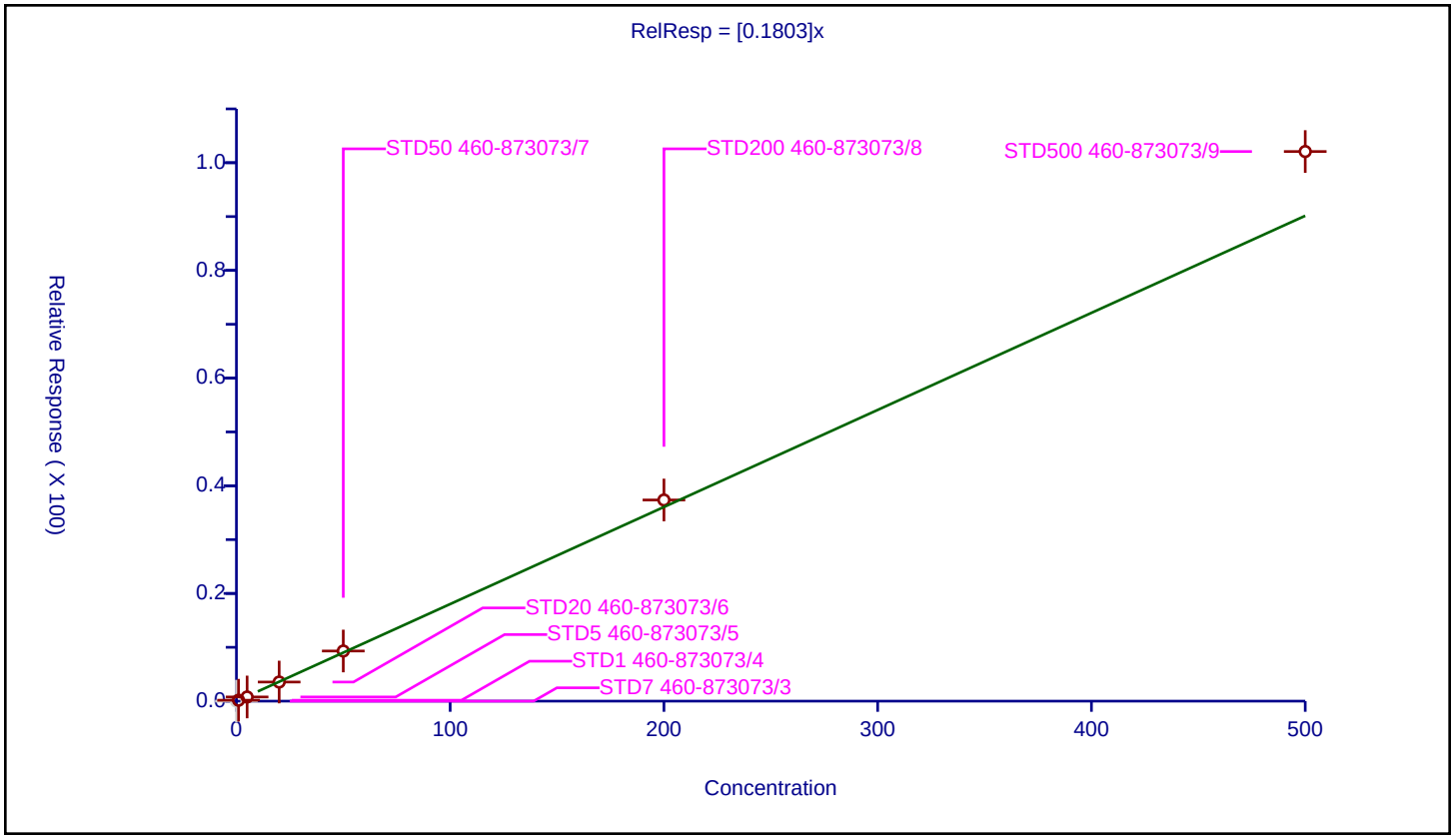
Curve Coefficients

Intercept:	0
Slope:	0.1803

Error Coefficients

Standard Error:	589000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.172234	50.0	541414.0	0.172234	Y
3	STD5 460-873073/5	5.0	0.77401	50.0	550510.0	0.154802	Y
4	STD20 460-873073/6	20.0	3.550191	50.0	584715.0	0.17751	Y
5	STD50 460-873073/7	50.0	9.311513	50.0	605981.0	0.18623	Y
6	STD200 460-873073/8	200.0	37.360621	50.0	641685.0	0.186803	Y
7	STD500 460-873073/9	500.0	102.080643	50.0	597892.0	0.204161	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

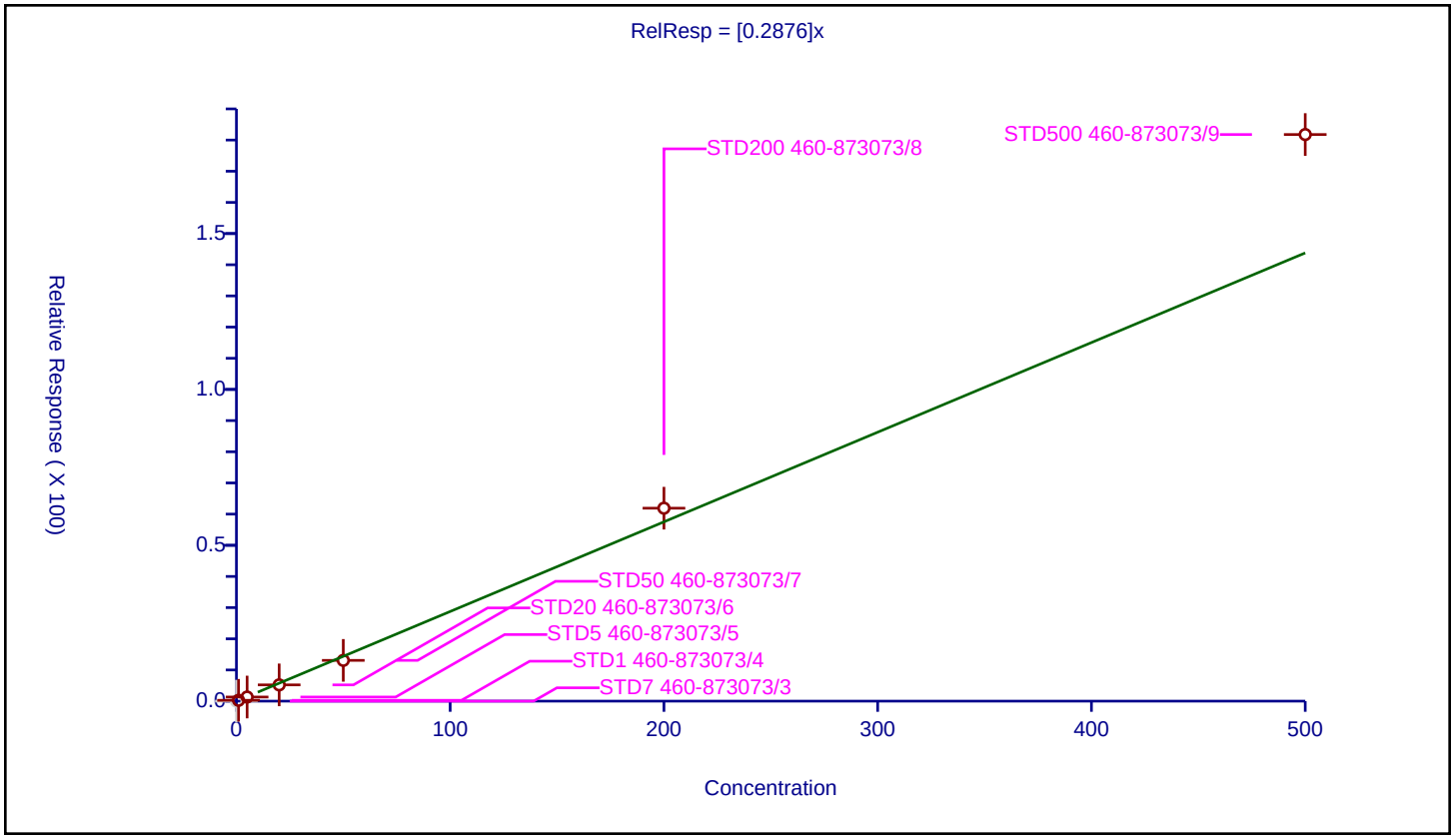
Curve Coefficients

Intercept:	0
Slope:	0.2876

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.265324	50.0	541414.0	0.265324	Y
3	STD5 460-873073/5	5.0	1.322683	50.0	550510.0	0.264537	Y
4	STD20 460-873073/6	20.0	5.220321	50.0	584715.0	0.261016	Y
5	STD50 460-873073/7	50.0	13.079701	50.0	605981.0	0.261594	Y
6	STD200 460-873073/8	200.0	61.903582	50.0	641685.0	0.309518	Y
7	STD500 460-873073/9	500.0	181.775388	50.0	597892.0	0.363551	Y



Calibration / Acrolein

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

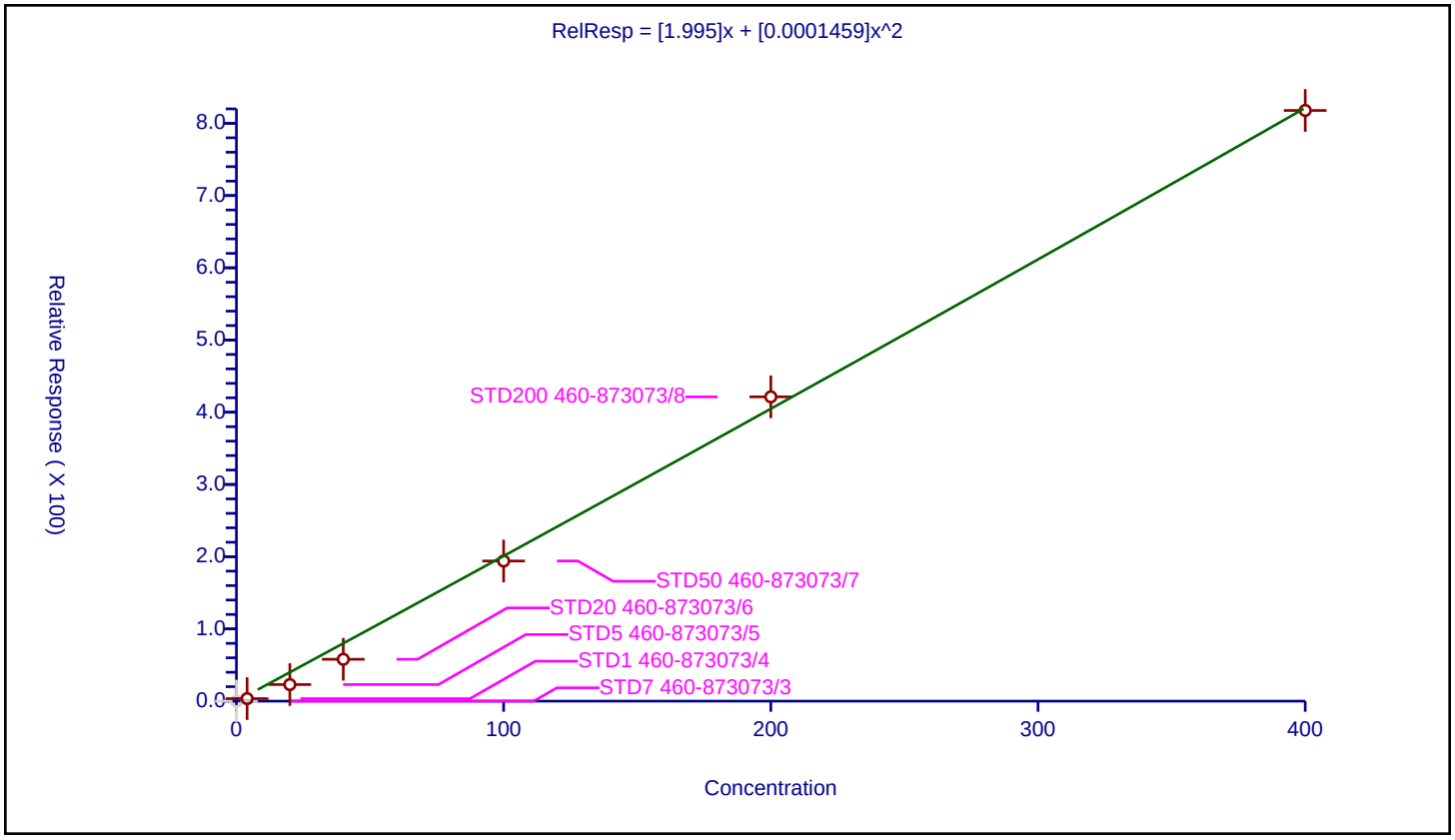
Curve Coefficients

Intercept:	0
Slope:	1.995
Second Order:	0.0001459

Error Coefficients

Standard Error:	74700
Relative Standard Error:	38.0
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	4.0	3.475906	1000.0	98967.0	0.868977	Y
3	STD5 460-873073/5	20.0	22.959694	1000.0	94949.0	1.147985	Y
4	STD20 460-873073/6	40.0	57.96819	1000.0	102608.0	1.449205	Y
5	STD50 460-873073/7	100.0	194.009606	1000.0	99526.0	1.940096	Y
6	STD200 460-873073/8	200.0	421.345294	1000.0	141352.0	2.106726	Y
7	STD500 460-873073/9	400.0	817.831617	1000.0	166917.0	2.044579	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

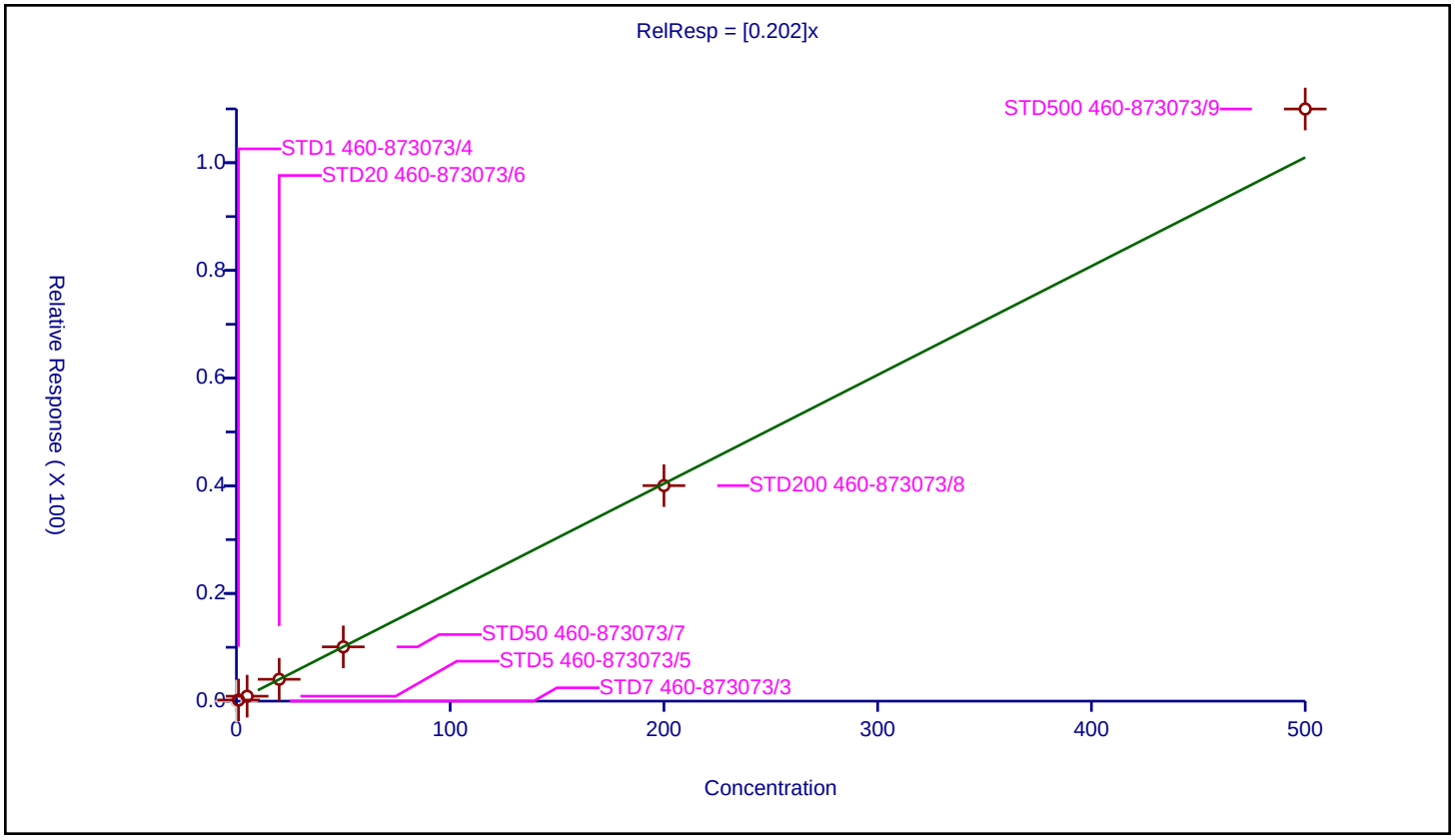
Curve Coefficients

Intercept:	0
Slope:	0.202

Error Coefficients

Standard Error:	634000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.203633	50.0	541414.0	0.203633	Y
3	STD5 460-873073/5	5.0	0.917785	50.0	550510.0	0.183557	Y
4	STD20 460-873073/6	20.0	4.059499	50.0	584715.0	0.202975	Y
5	STD50 460-873073/7	50.0	10.078781	50.0	605981.0	0.201576	Y
6	STD200 460-873073/8	200.0	40.032337	50.0	641685.0	0.200162	Y
7	STD500 460-873073/9	500.0	109.981652	50.0	597892.0	0.219963	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

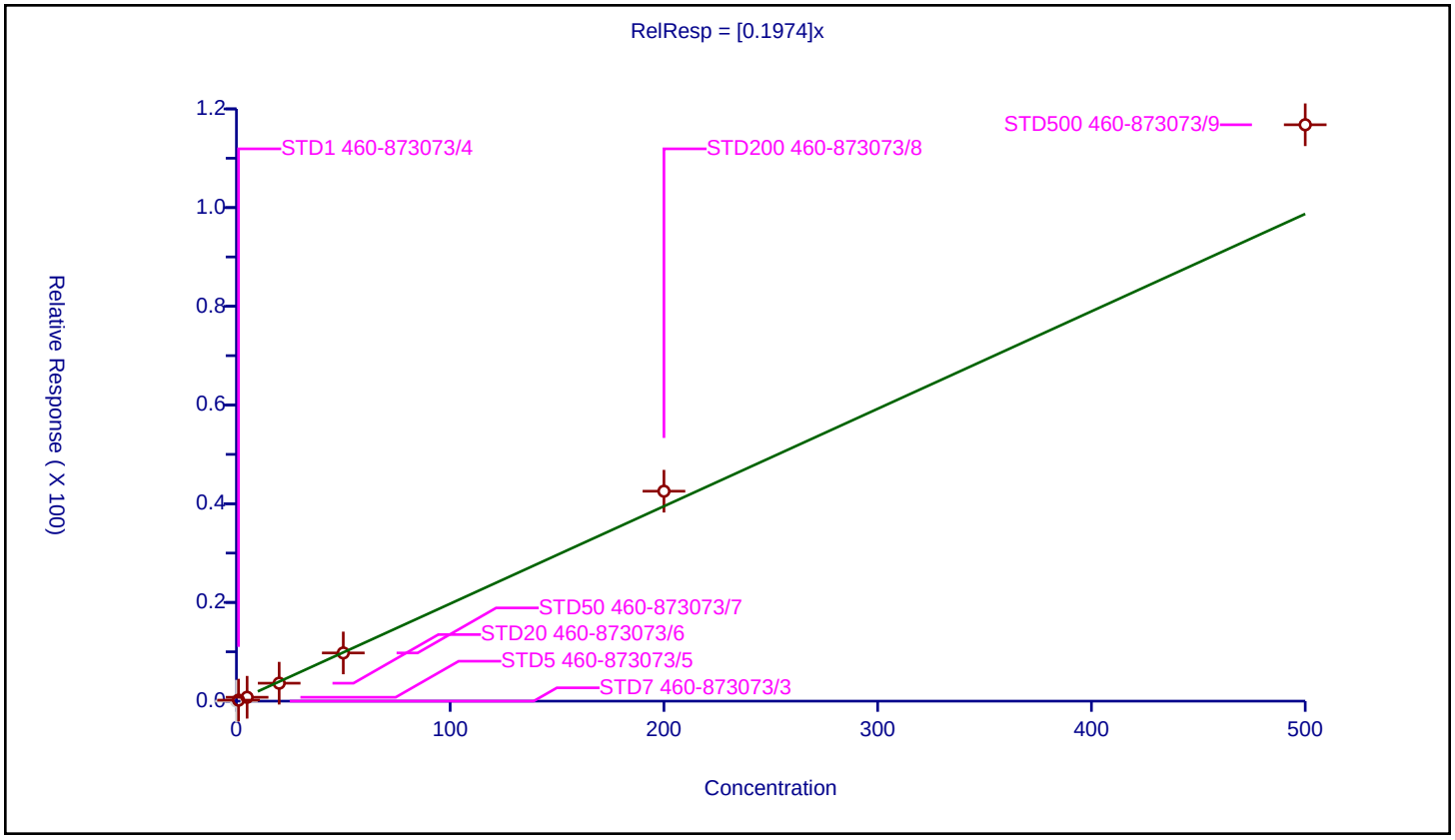
Curve Coefficients

Intercept:	0
Slope:	0.1974

Error Coefficients

Standard Error:	673000
Relative Standard Error:	13.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.204465	50.0	541414.0	0.204465	Y
3	STD5 460-873073/5	5.0	0.784909	50.0	550510.0	0.156982	Y
4	STD20 460-873073/6	20.0	3.632881	50.0	584715.0	0.181644	Y
5	STD50 460-873073/7	50.0	9.767055	50.0	605981.0	0.195341	Y
6	STD200 460-873073/8	200.0	42.536681	50.0	641685.0	0.212683	Y
7	STD500 460-873073/9	500.0	116.781626	50.0	597892.0	0.233563	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

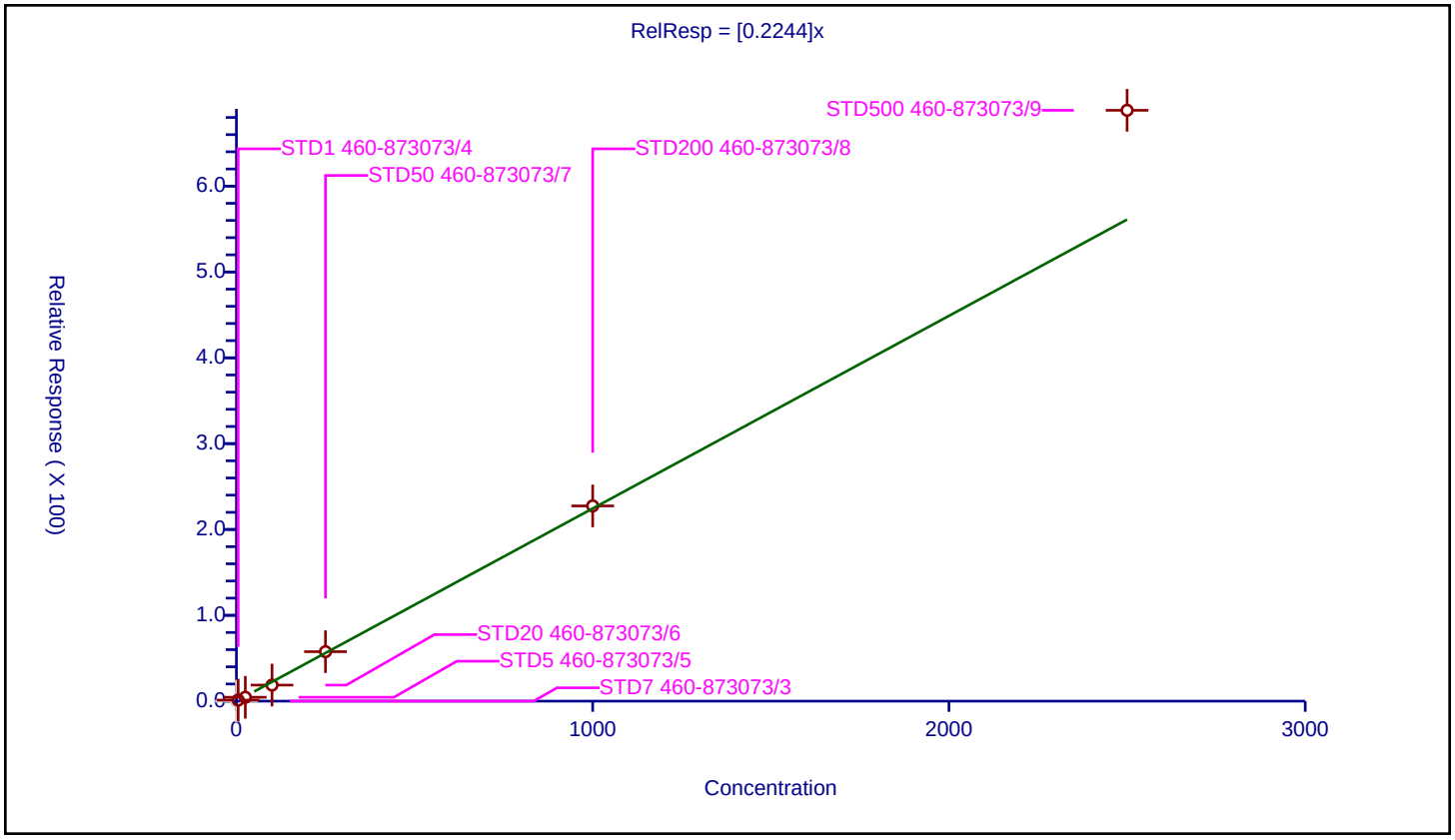
Curve Coefficients

Intercept:	0
Slope:	0.2244

Error Coefficients

Standard Error:	230000
Relative Standard Error:	15.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	5.0	1.226199	250.0	108873.0	0.24524	Y
3	STD5 460-873073/5	25.0	4.521689	250.0	110357.0	0.180868	Y
4	STD20 460-873073/6	100.0	18.716535	250.0	126626.0	0.187165	Y
5	STD50 460-873073/7	250.0	57.632665	250.0	125749.0	0.230531	Y
6	STD200 460-873073/8	1000.0	227.448914	250.0	180723.0	0.227449	Y
7	STD500 460-873073/9	2500.0	688.348564	250.0	176622.0	0.275339	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

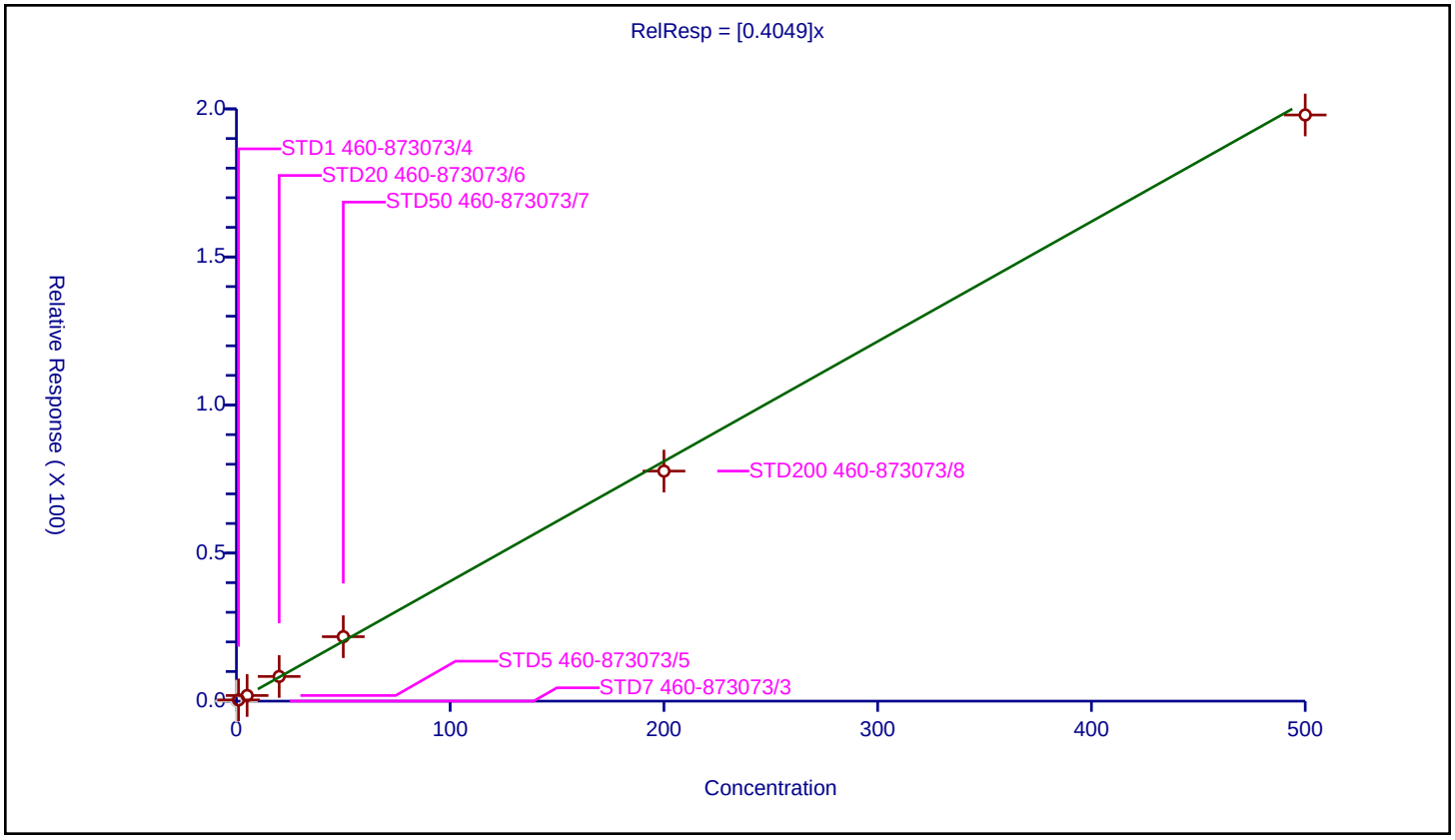
Curve Coefficients

Intercept:	0
Slope:	0.4049

Error Coefficients

Standard Error:	1160000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.412346	50.0	541414.0	0.412346	Y
3	STD5 460-873073/5	5.0	1.903689	50.0	550510.0	0.380738	Y
4	STD20 460-873073/6	20.0	8.335428	50.0	584715.0	0.416771	Y
5	STD50 460-873073/7	50.0	21.757778	50.0	605981.0	0.435156	Y
6	STD200 460-873073/8	200.0	77.683287	50.0	641685.0	0.388416	Y
7	STD500 460-873073/9	500.0	197.949546	50.0	597892.0	0.395899	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

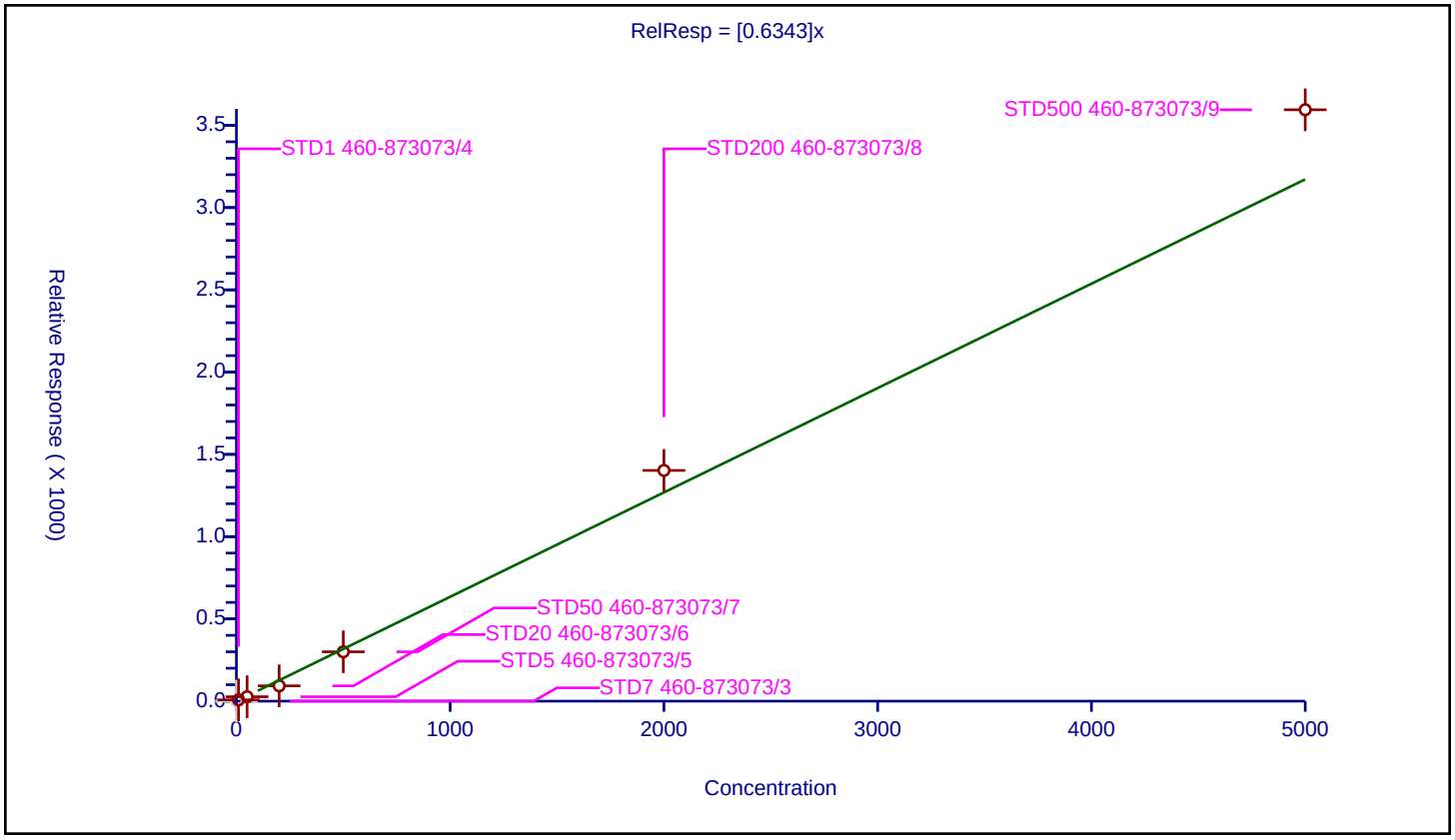
Curve Coefficients

Intercept:	0
Slope:	0.6343

Error Coefficients

Standard Error:	281000
Relative Standard Error:	19.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	10.0	7.840998	1000.0	98967.0	0.7841	Y
3	STD5 460-873073/5	50.0	26.824927	1000.0	94949.0	0.536499	Y
4	STD20 460-873073/6	200.0	93.072665	1000.0	102608.0	0.465363	Y
5	STD50 460-873073/7	500.0	299.931676	1000.0	99526.0	0.599863	Y
6	STD200 460-873073/8	2000.0	1402.435056	1000.0	141352.0	0.701218	Y
7	STD500 460-873073/9	5000.0	3594.582936	1000.0	166917.0	0.718917	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

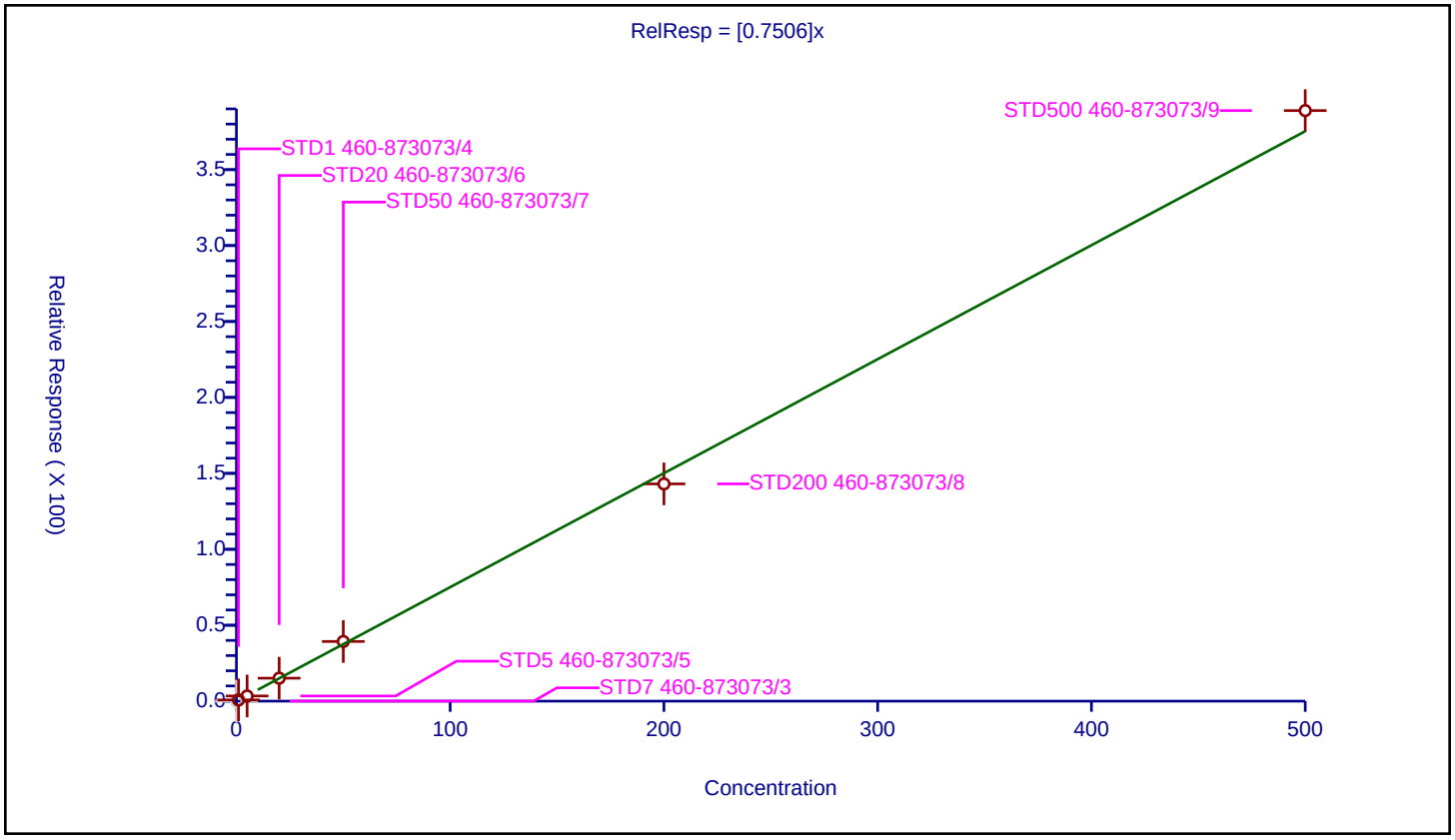
Curve Coefficients

Intercept:	0
Slope:	0.7506

Error Coefficients

Standard Error:	2250000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.784982	50.0	541414.0	0.784982	Y
3	STD5 460-873073/5	5.0	3.415469	50.0	550510.0	0.683094	Y
4	STD20 460-873073/6	20.0	15.128567	50.0	584715.0	0.756428	Y
5	STD50 460-873073/7	50.0	39.291991	50.0	605981.0	0.78584	Y
6	STD200 460-873073/8	200.0	143.052588	50.0	641685.0	0.715263	Y
7	STD500 460-873073/9	500.0	388.873074	50.0	597892.0	0.777746	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

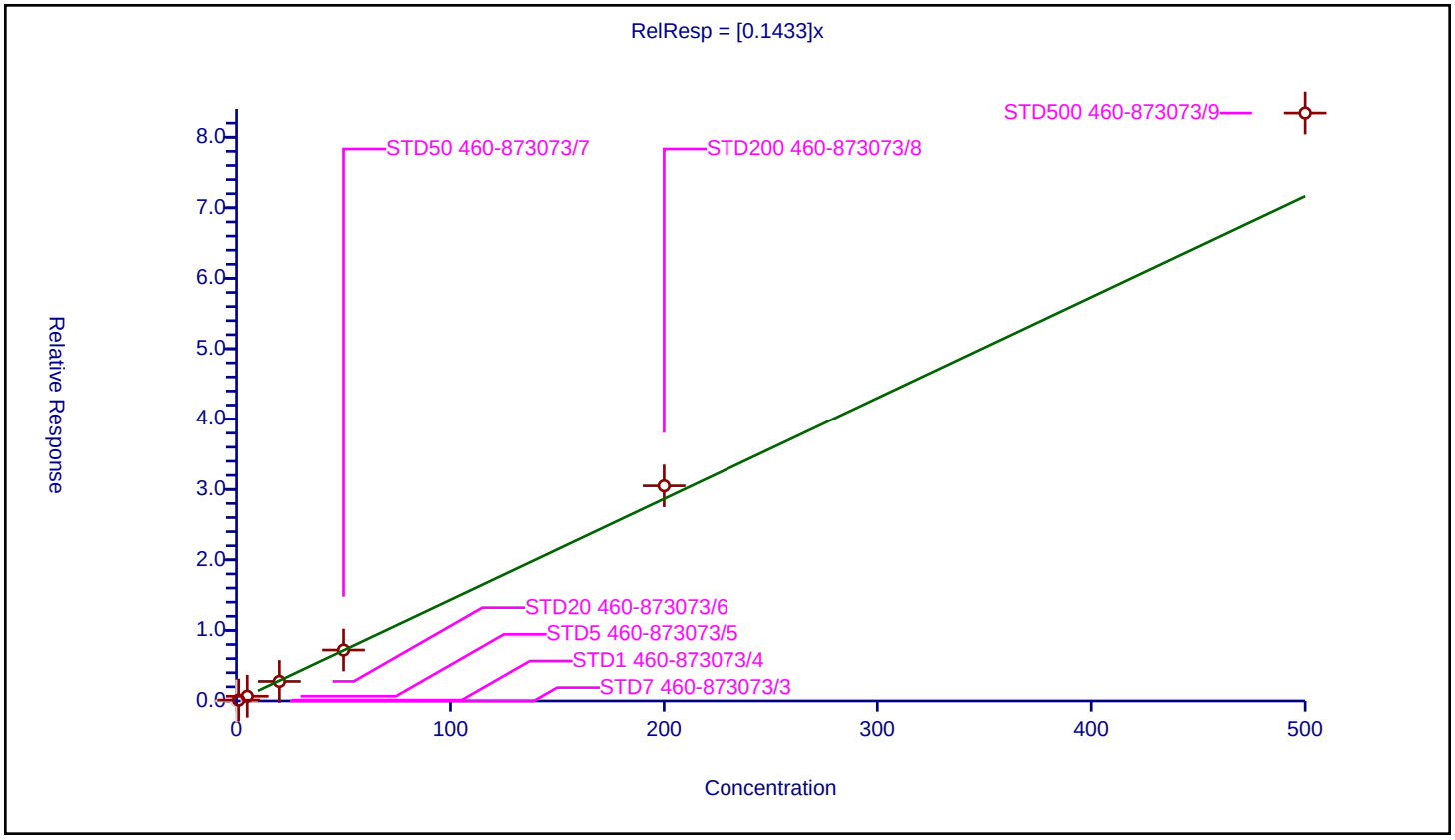
Curve Coefficients

Intercept:	0
Slope:	0.1433

Error Coefficients

Standard Error:	481000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.124304	50.0	541414.0	0.124304	Y
3	STD5 460-873073/5	5.0	0.667472	50.0	550510.0	0.133494	Y
4	STD20 460-873073/6	20.0	2.766134	50.0	584715.0	0.138307	Y
5	STD50 460-873073/7	50.0	7.21516	50.0	605981.0	0.144303	Y
6	STD200 460-873073/8	200.0	30.509284	50.0	641685.0	0.152546	Y
7	STD500 460-873073/9	500.0	83.422257	50.0	597892.0	0.166845	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

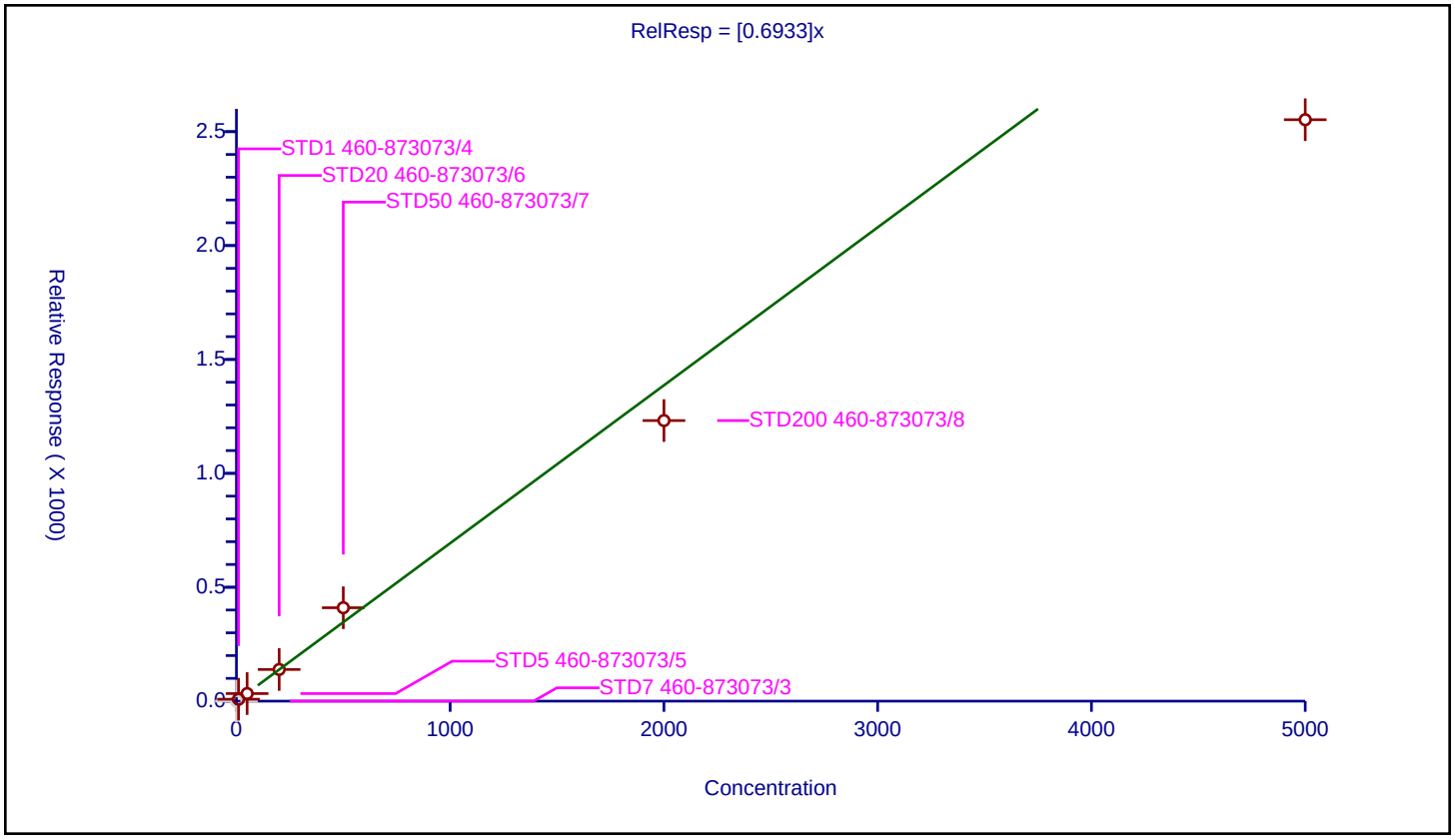
Curve Coefficients

Intercept:	0
Slope:	0.6933

Error Coefficients

Standard Error:	205000
Relative Standard Error:	18.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	10.0	8.528095	1000.0	98967.0	0.85281	Y
3	STD5 460-873073/5	50.0	33.291557	1000.0	94949.0	0.665831	Y
4	STD20 460-873073/6	200.0	138.907298	1000.0	102608.0	0.694536	Y
5	STD50 460-873073/7	500.0	410.033559	1000.0	99526.0	0.820067	Y
6	STD200 460-873073/8	2000.0	1231.705246	1000.0	141352.0	0.615853	Y
7	STD500 460-873073/9	5000.0	2552.514124	1000.0	166917.0	0.510503	Y



Calibration / Methyl acetate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

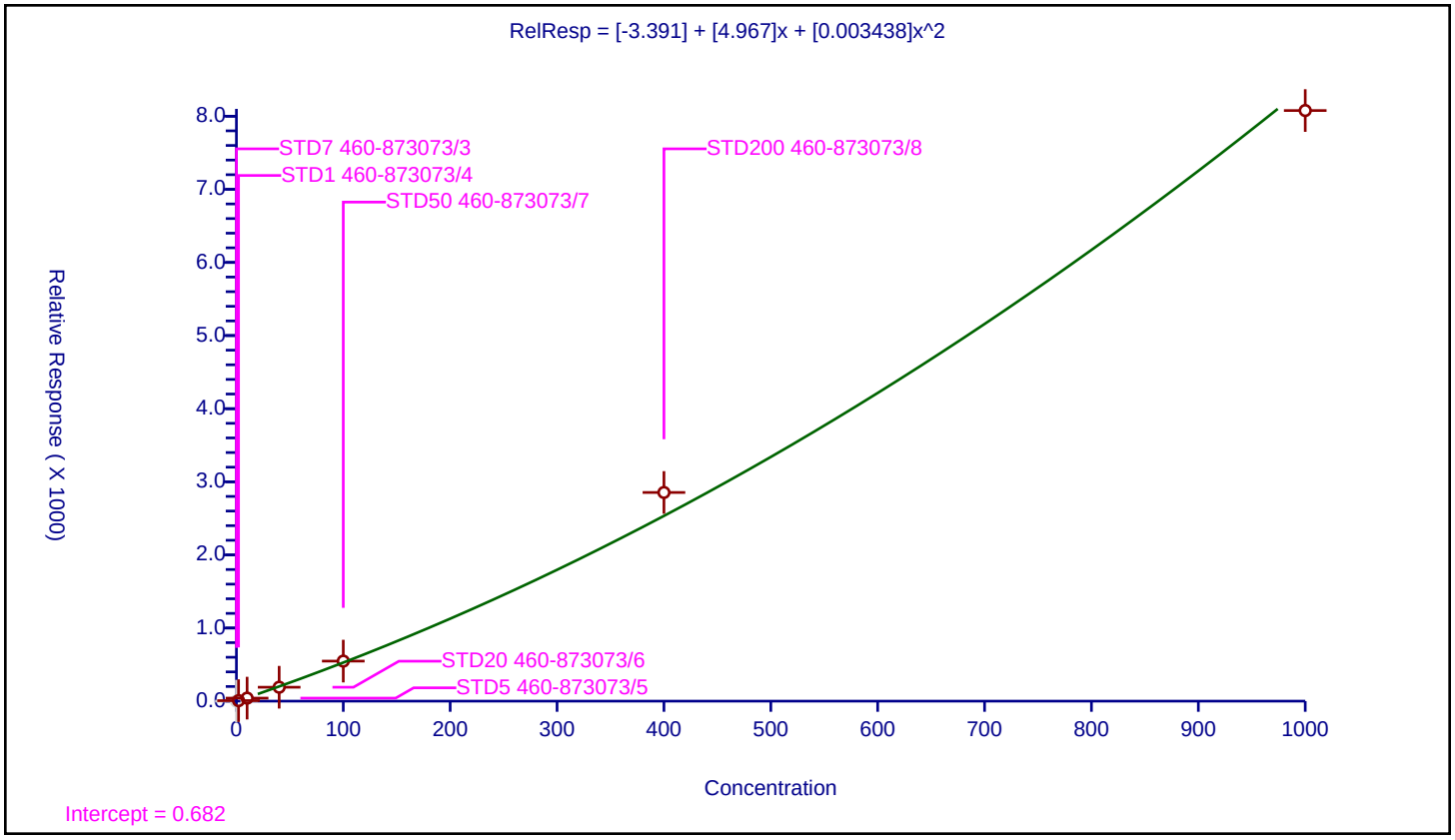
Curve Coefficients

Intercept:	-3.391
Slope:	4.967
Second Order:	0.003438

Error Coefficients

Standard Error:	808000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	2.0	6.780038	1000.0	98967.0	3.390019	Y
3	STD5 460-873073/5	10.0	41.348513	1000.0	94949.0	4.134851	Y
4	STD20 460-873073/6	40.0	190.452986	1000.0	102608.0	4.761325	Y
5	STD50 460-873073/7	100.0	547.696079	1000.0	99526.0	5.476961	Y
6	STD200 460-873073/8	400.0	2853.663195	1000.0	141352.0	7.134158	Y
7	STD500 460-873073/9	1000.0	8077.349821	1000.0	166917.0	8.07735	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

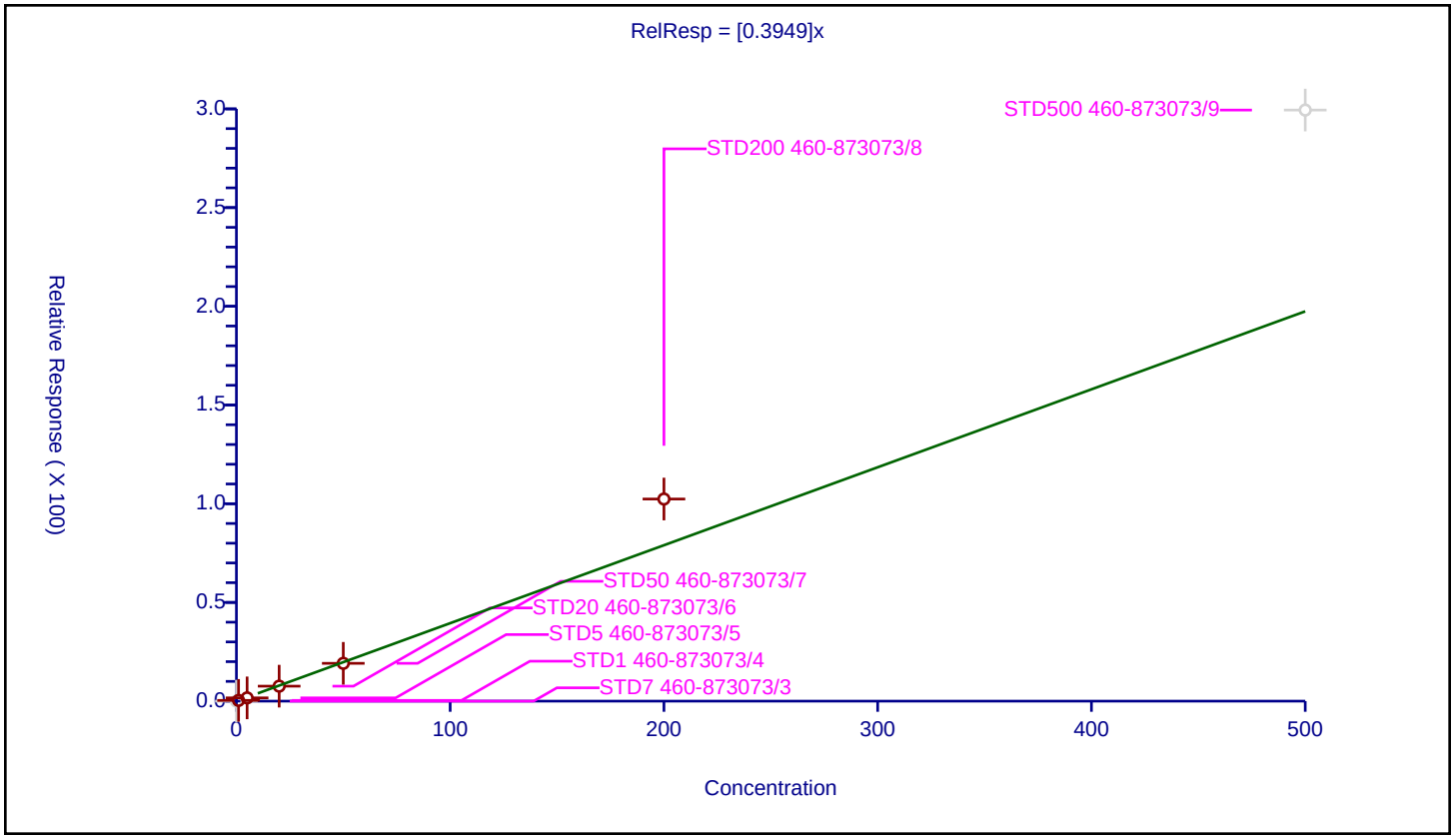
Curve Coefficients

Intercept:	0
Slope:	0.3949

Error Coefficients

Standard Error:	669000
Relative Standard Error:	17.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.369403	50.0	541414.0	0.369403	Y
3	STD5 460-873073/5	5.0	1.654284	50.0	550510.0	0.330857	Y
4	STD20 460-873073/6	20.0	7.586431	50.0	584715.0	0.379322	Y
5	STD50 460-873073/7	50.0	19.149198	50.0	605981.0	0.382984	Y
6	STD200 460-873073/8	200.0	102.375543	50.0	641685.0	0.511878	Y
7	STD500 460-873073/9	500.0	299.40608	50.0	597892.0	0.598812	N



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

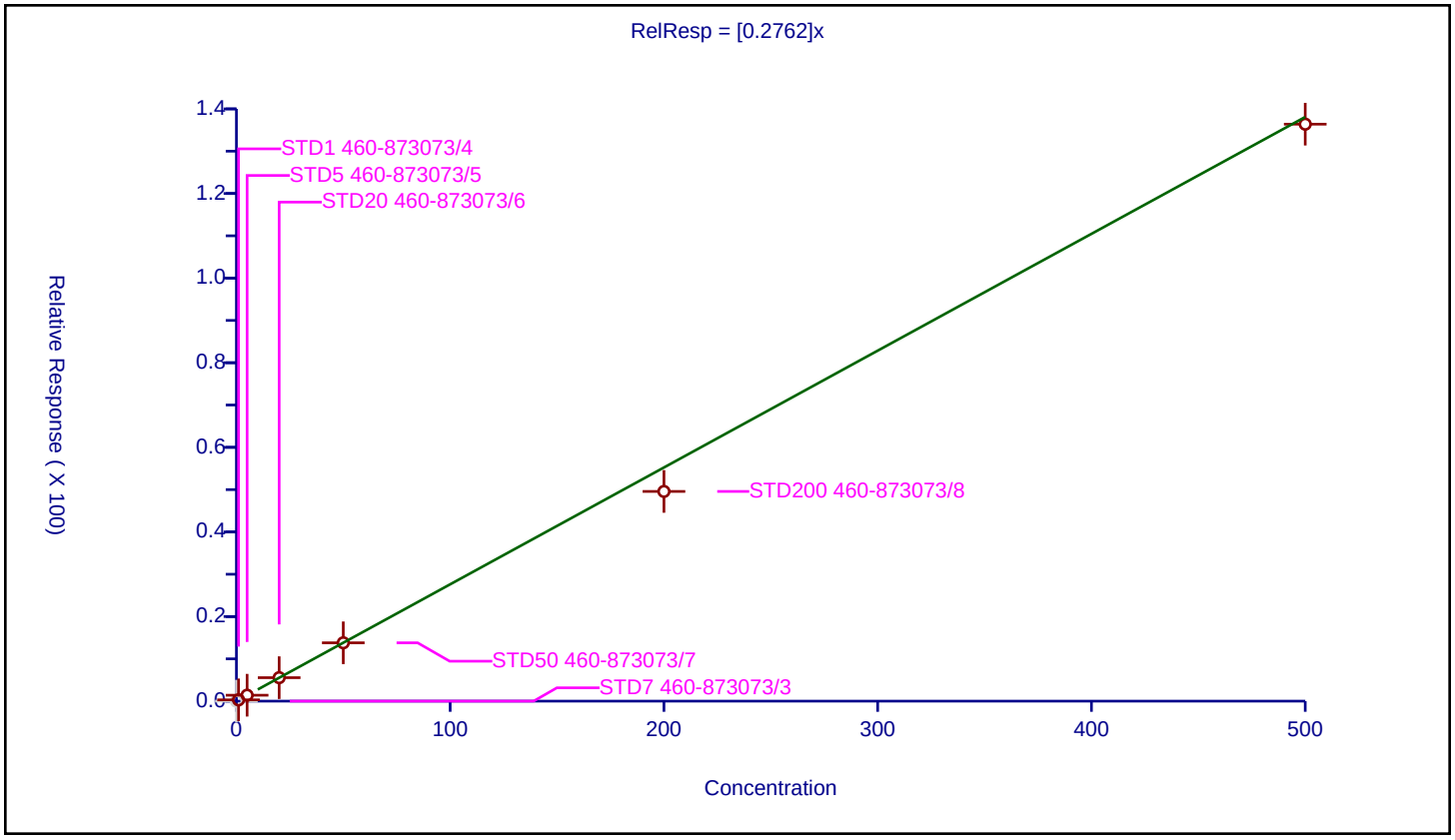
Curve Coefficients

Intercept:	0
Slope:	0.2762

Error Coefficients

Standard Error:	787000
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	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.302356	50.0	541414.0	0.302356	Y
3	STD5 460-873073/5	5.0	1.403608	50.0	550510.0	0.280722	Y
4	STD20 460-873073/6	20.0	5.547489	50.0	584715.0	0.277374	Y
5	STD50 460-873073/7	50.0	13.792677	50.0	605981.0	0.275854	Y
6	STD200 460-873073/8	200.0	49.57035	50.0	641685.0	0.247852	Y
7	STD500 460-873073/9	500.0	136.388177	50.0	597892.0	0.272776	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

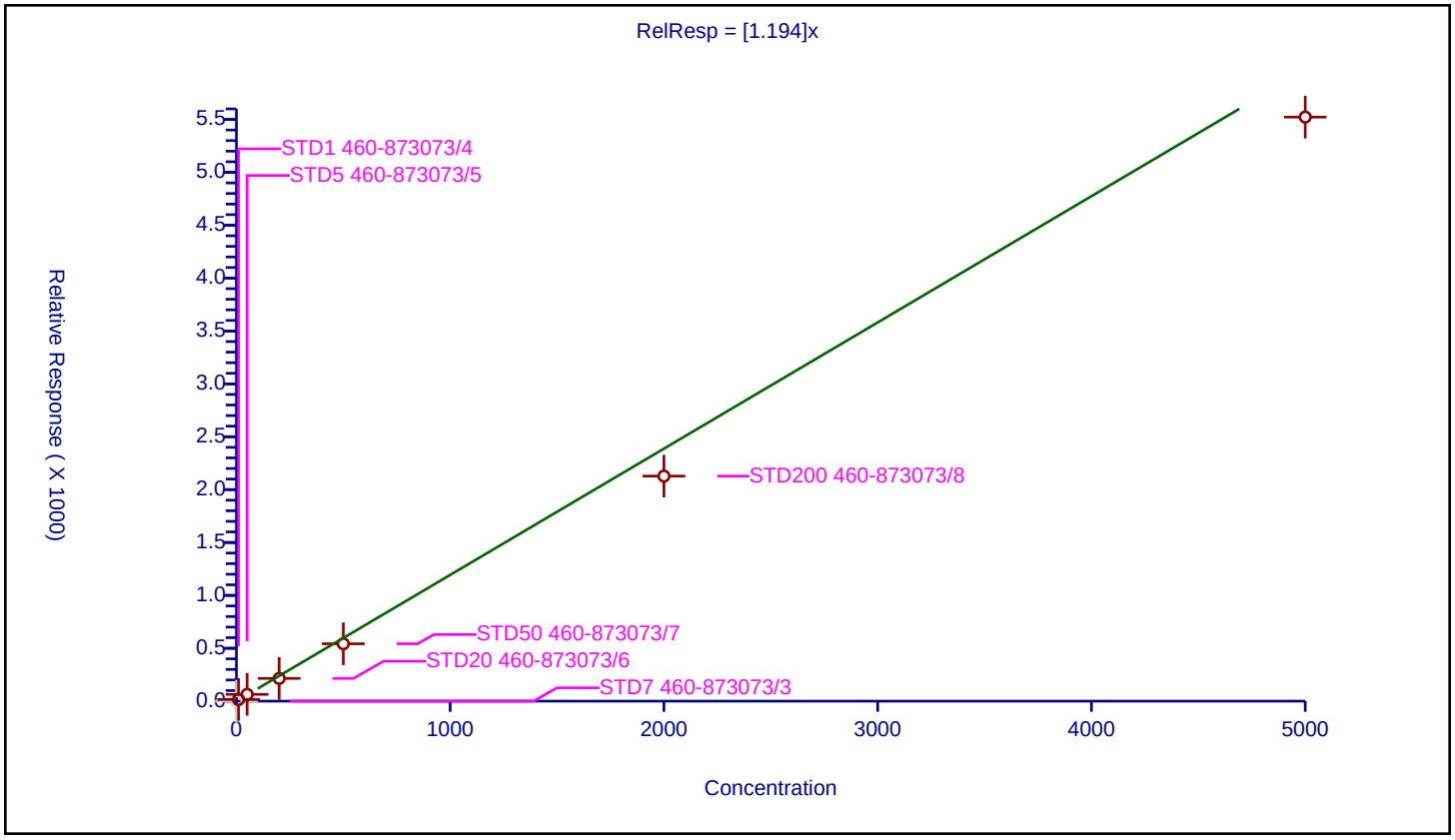
Curve Coefficients

Intercept:	0
Slope:	1.194

Error Coefficients

Standard Error:	432000
Relative Standard Error:	16.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	10.0	15.530429	1000.0	98967.0	1.553043	Y
3	STD5 460-873073/5	50.0	64.065972	1000.0	94949.0	1.281319	Y
4	STD20 460-873073/6	200.0	214.885779	1000.0	102608.0	1.074429	Y
5	STD50 460-873073/7	500.0	542.220123	1000.0	99526.0	1.08444	Y
6	STD200 460-873073/8	2000.0	2127.928858	1000.0	141352.0	1.063964	Y
7	STD500 460-873073/9	5000.0	5522.439296	1000.0	166917.0	1.104488	Y



Calibration / Acrylonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

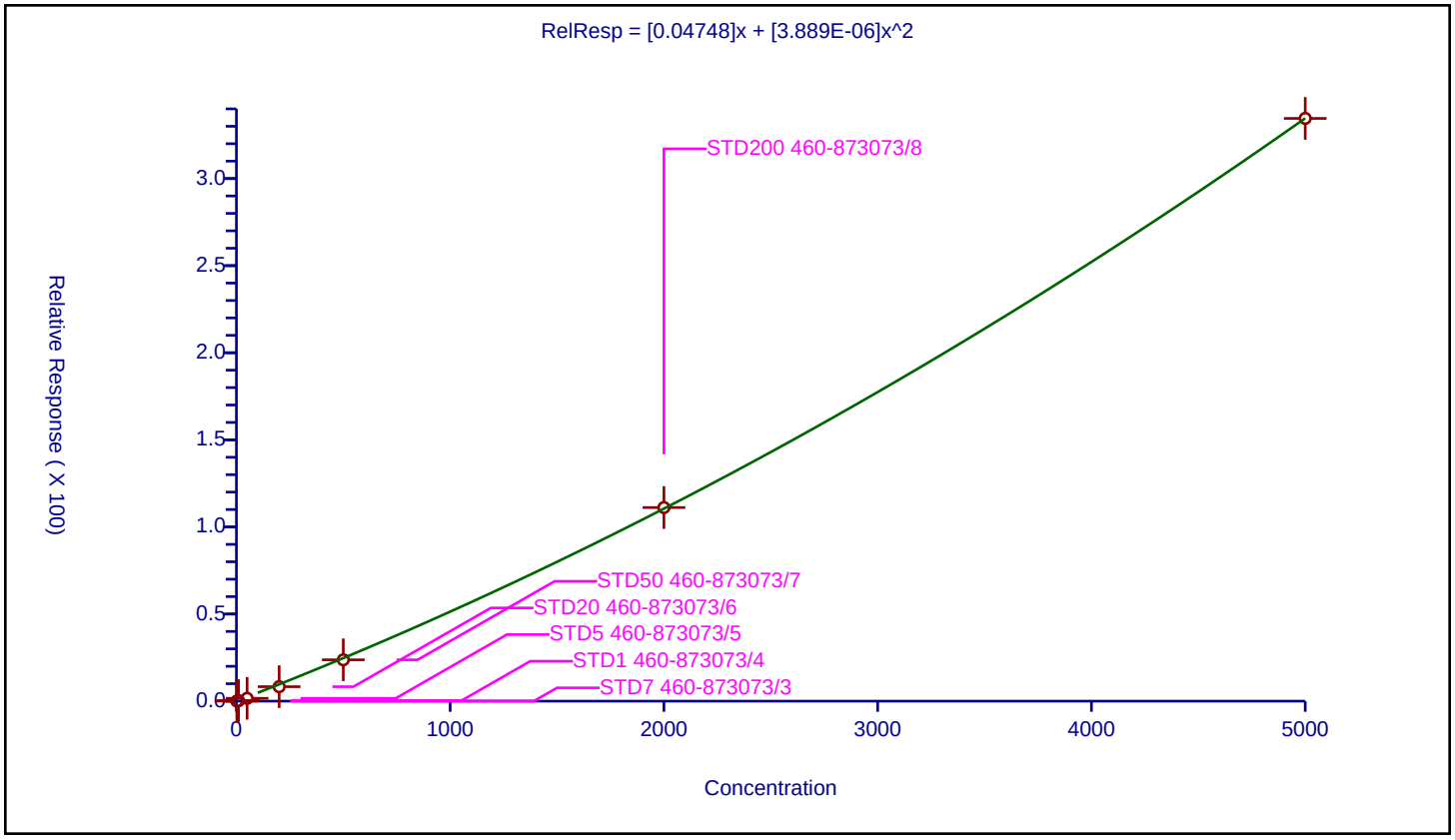
Curve Coefficients

Intercept:	0
Slope:	0.04748
Second Order:	3.889E-06

Error Coefficients

Standard Error:	1900000
Relative Standard Error:	26.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	2.0	0.072038	50.0	515697.0	0.036019	Y
2	STD1 460-873073/4	10.0	0.282039	50.0	541414.0	0.028204	Y
3	STD5 460-873073/5	50.0	1.612868	50.0	550510.0	0.032257	Y
4	STD20 460-873073/6	200.0	8.293955	50.0	584715.0	0.04147	Y
5	STD50 460-873073/7	500.0	23.717658	50.0	605981.0	0.047435	Y
6	STD200 460-873073/8	2000.0	111.13537	50.0	641685.0	0.055568	Y
7	STD500 460-873073/9	5000.0	334.521118	50.0	597892.0	0.066904	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

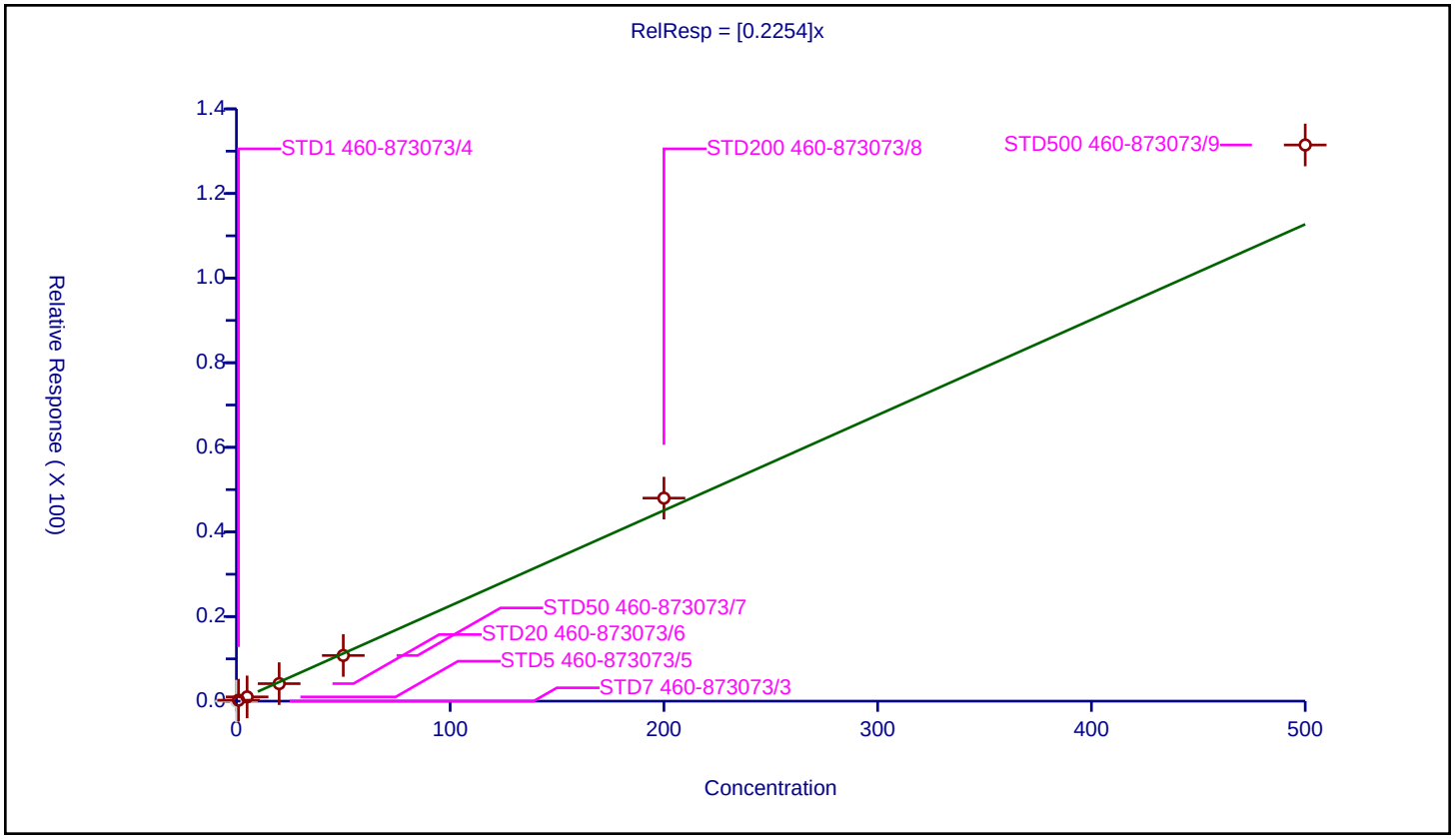
Curve Coefficients

Intercept:	0
Slope:	0.2254

Error Coefficients

Standard Error:	758000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.226444	50.0	541414.0	0.226444	Y
3	STD5 460-873073/5	5.0	1.003342	50.0	550510.0	0.200668	Y
4	STD20 460-873073/6	20.0	4.136032	50.0	584715.0	0.206802	Y
5	STD50 460-873073/7	50.0	10.79184	50.0	605981.0	0.215837	Y
6	STD200 460-873073/8	200.0	47.991616	50.0	641685.0	0.239958	Y
7	STD500 460-873073/9	500.0	131.470399	50.0	597892.0	0.262941	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

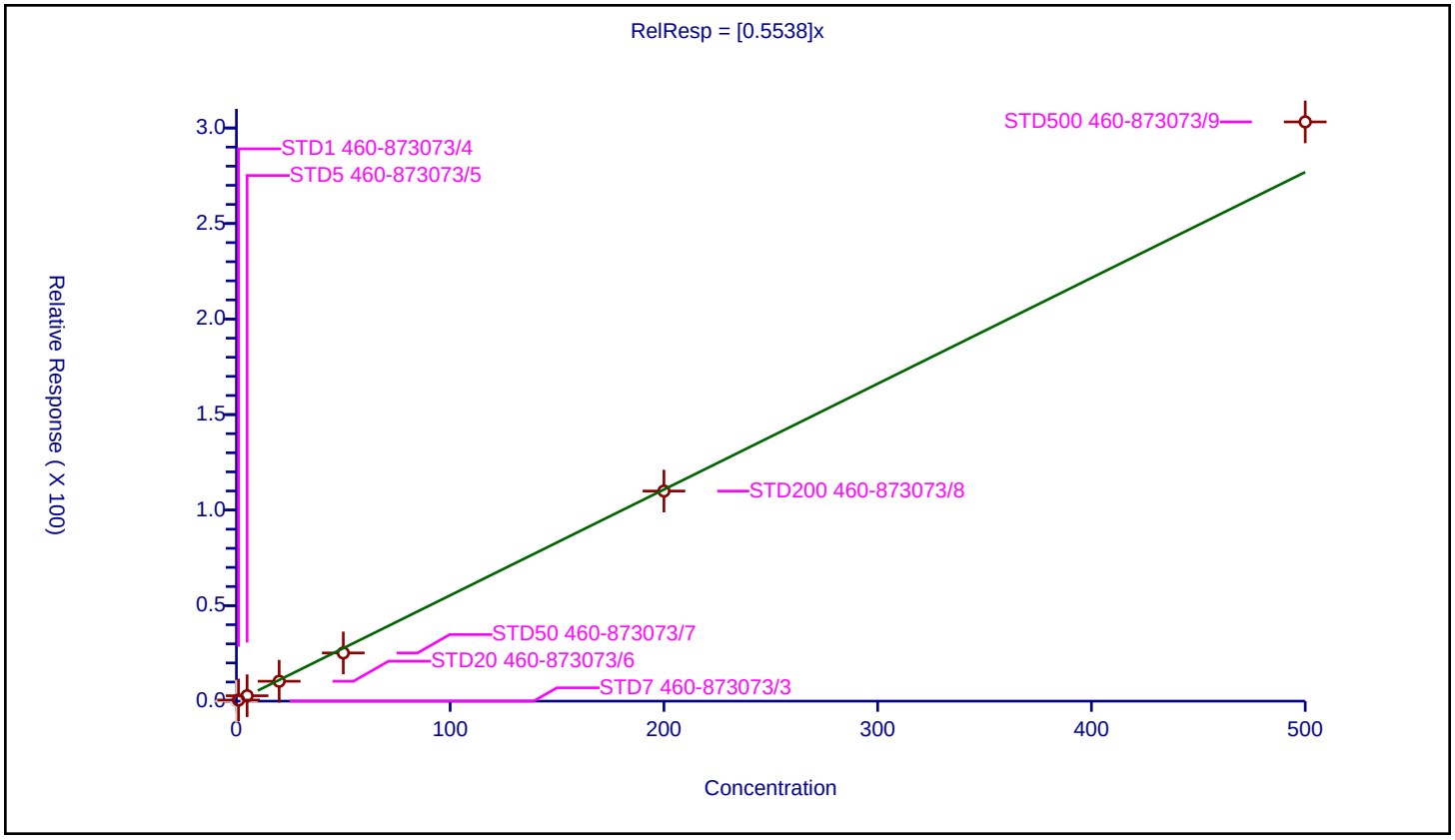
Curve Coefficients

Intercept:	0
Slope:	0.5538

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.577285	50.0	541414.0	0.577285	Y
3	STD5 460-873073/5	5.0	2.824381	50.0	550510.0	0.564876	Y
4	STD20 460-873073/6	20.0	10.400708	50.0	584715.0	0.520035	Y
5	STD50 460-873073/7	50.0	25.224306	50.0	605981.0	0.504486	Y
6	STD200 460-873073/8	200.0	109.964858	50.0	641685.0	0.549824	Y
7	STD500 460-873073/9	500.0	303.180424	50.0	597892.0	0.606361	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

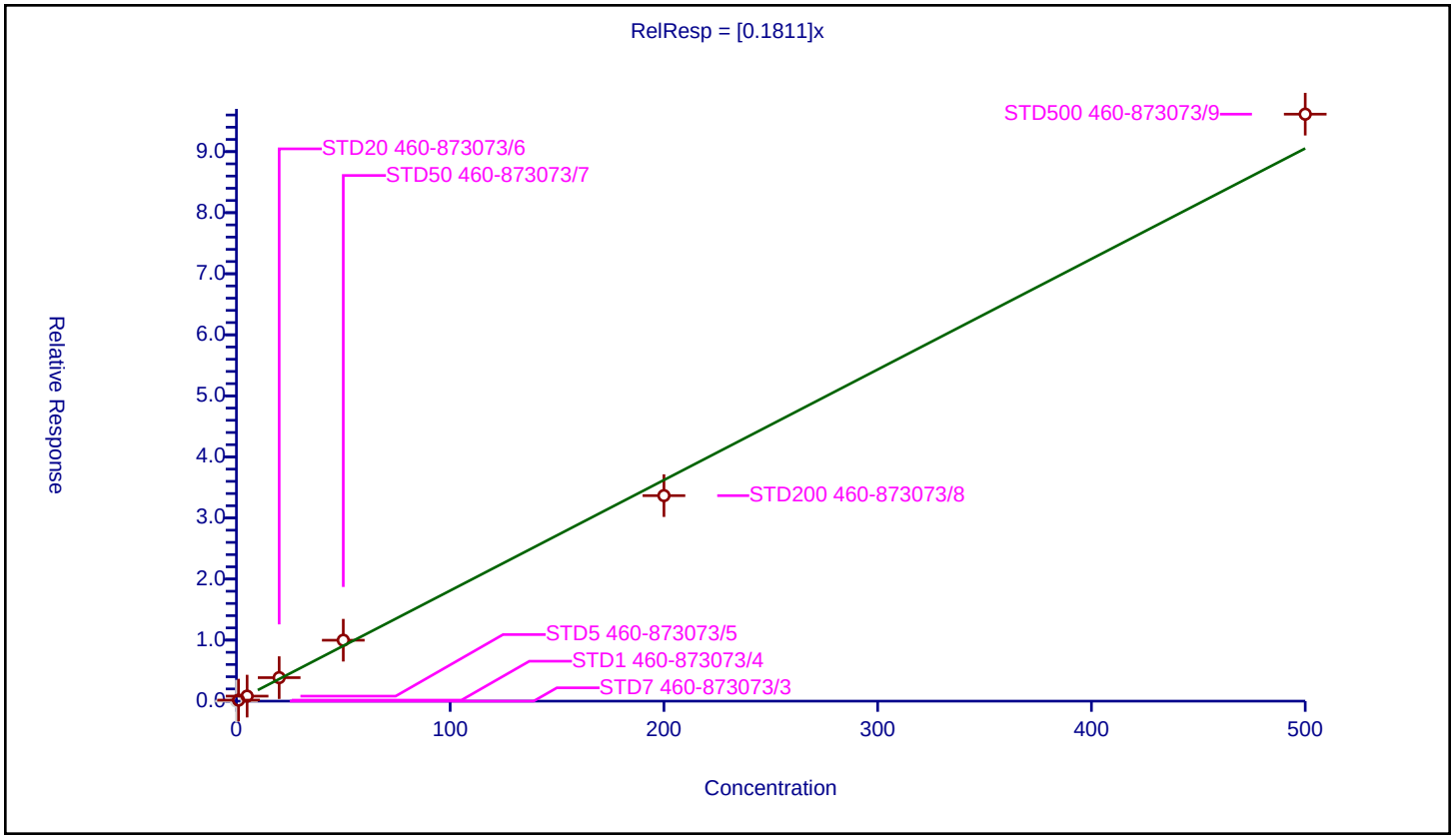
Curve Coefficients

Intercept:	0
Slope:	0.1811

Error Coefficients

Standard Error:	552000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.168817	50.0	541414.0	0.168817	Y
3	STD5 460-873073/5	5.0	0.824236	50.0	550510.0	0.164847	Y
4	STD20 460-873073/6	20.0	3.851192	50.0	584715.0	0.19256	Y
5	STD50 460-873073/7	50.0	9.976303	50.0	605981.0	0.199526	Y
6	STD200 460-873073/8	200.0	33.65896	50.0	641685.0	0.168295	Y
7	STD500 460-873073/9	500.0	96.137513	50.0	597892.0	0.192275	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

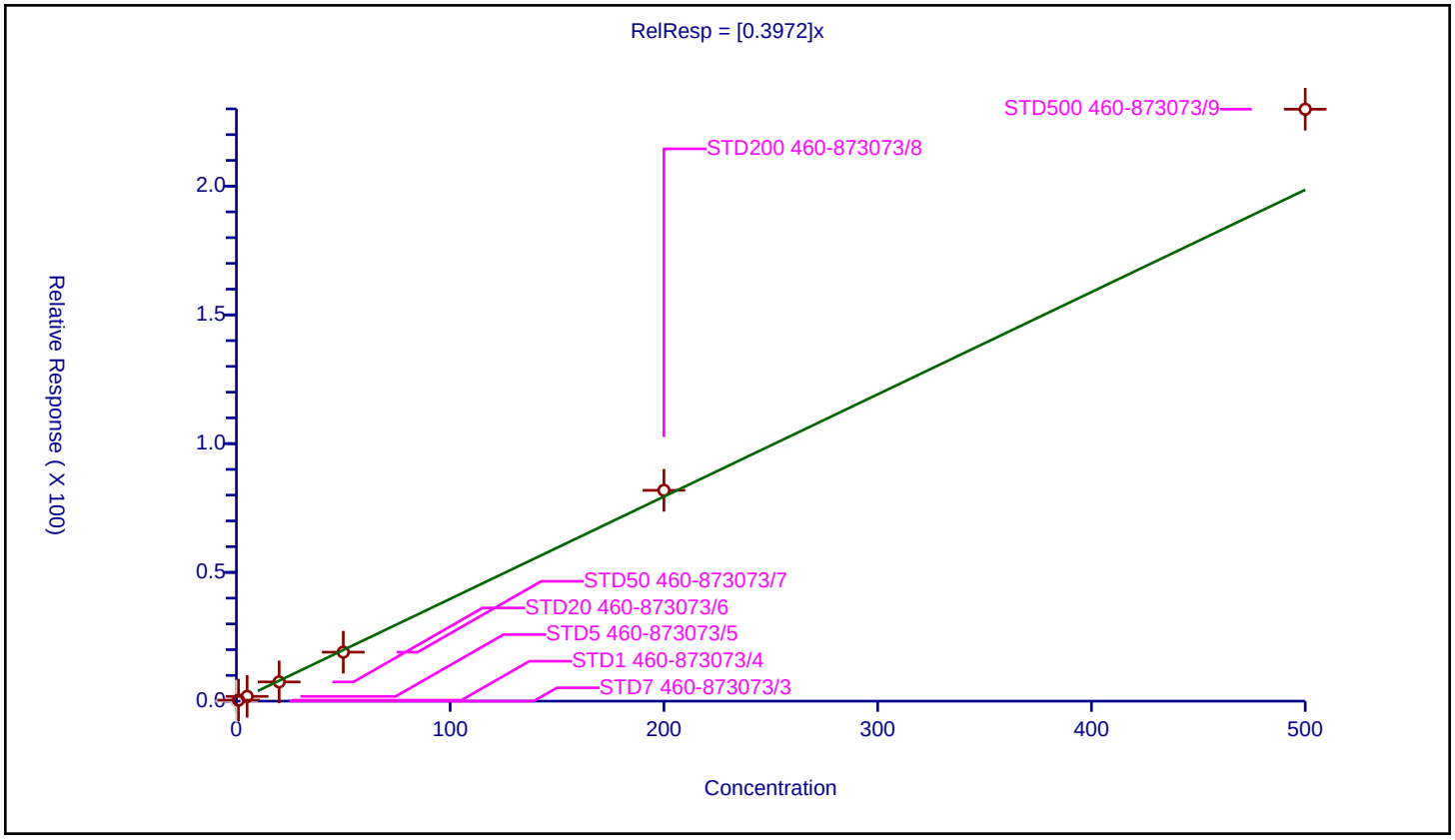
Curve Coefficients

Intercept:	0
Slope:	0.3972

Error Coefficients

Standard Error:	1320000
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	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.390182	50.0	541414.0	0.390182	Y
3	STD5 460-873073/5	5.0	1.850557	50.0	550510.0	0.370111	Y
4	STD20 460-873073/6	20.0	7.460985	50.0	584715.0	0.373049	Y
5	STD50 460-873073/7	50.0	19.023121	50.0	605981.0	0.380462	Y
6	STD200 460-873073/8	200.0	81.875063	50.0	641685.0	0.409375	Y
7	STD500 460-873073/9	500.0	229.860493	50.0	597892.0	0.459721	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

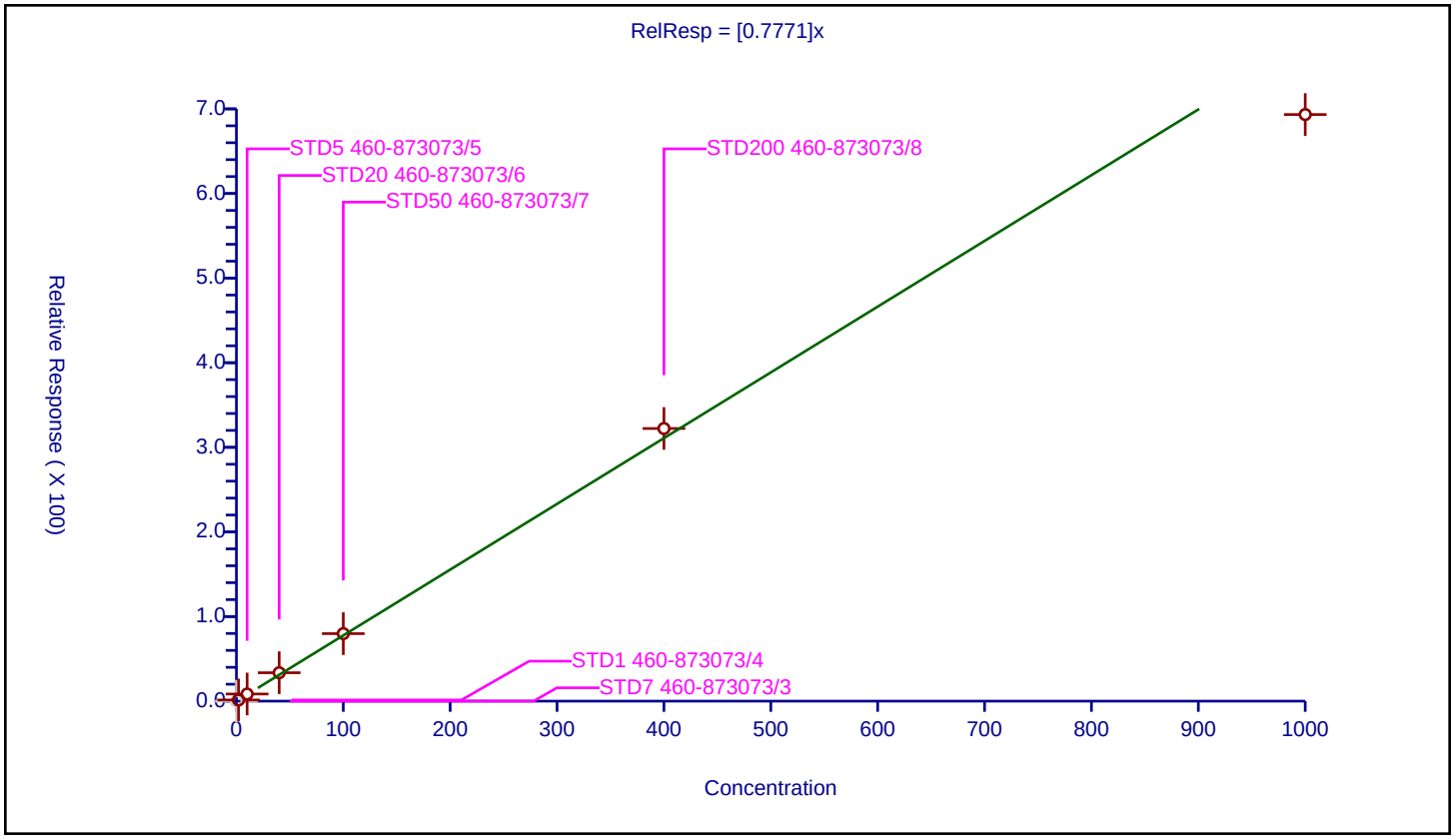
Curve Coefficients

Intercept:	0
Slope:	0.7771

Error Coefficients

Standard Error:	243000
Relative Standard Error:	9.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	2.0	1.366271	250.0	108873.0	0.683135	Y
3	STD5 460-873073/5	10.0	8.431726	250.0	110357.0	0.843173	Y
4	STD20 460-873073/6	40.0	33.575253	250.0	126626.0	0.839381	Y
5	STD50 460-873073/7	100.0	79.787911	250.0	125749.0	0.797879	Y
6	STD200 460-873073/8	400.0	322.243157	250.0	180723.0	0.805608	Y
7	STD500 460-873073/9	1000.0	693.338033	250.0	176622.0	0.693338	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

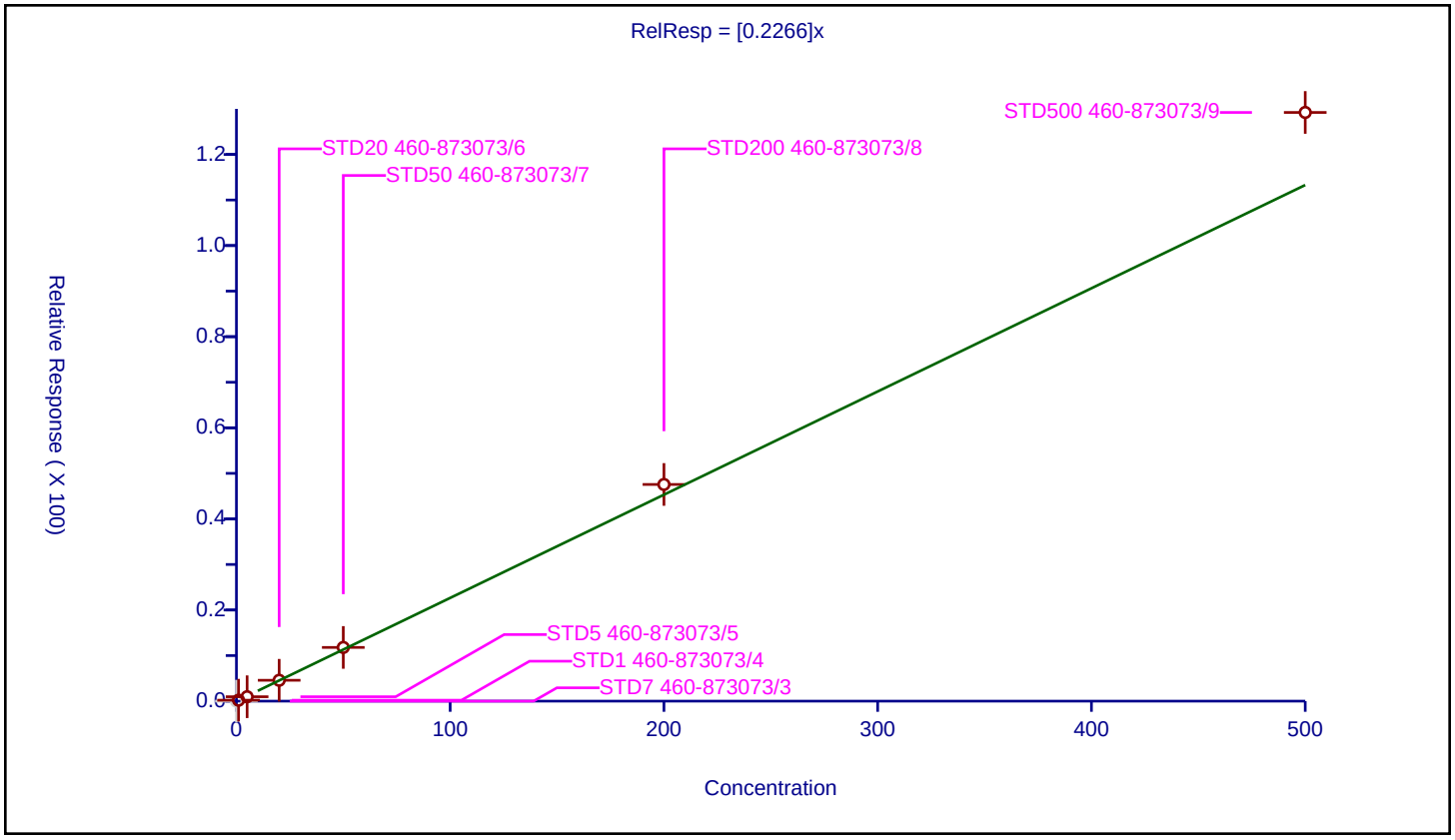
Curve Coefficients

Intercept:	0
Slope:	0.2266

Error Coefficients

Standard Error:	746000
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	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.204926	50.0	541414.0	0.204926	Y
3	STD5 460-873073/5	5.0	0.967376	50.0	550510.0	0.193475	Y
4	STD20 460-873073/6	20.0	4.580864	50.0	584715.0	0.229043	Y
5	STD50 460-873073/7	50.0	11.786343	50.0	605981.0	0.235727	Y
6	STD200 460-873073/8	200.0	47.559706	50.0	641685.0	0.237799	Y
7	STD500 460-873073/9	500.0	129.218404	50.0	597892.0	0.258437	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

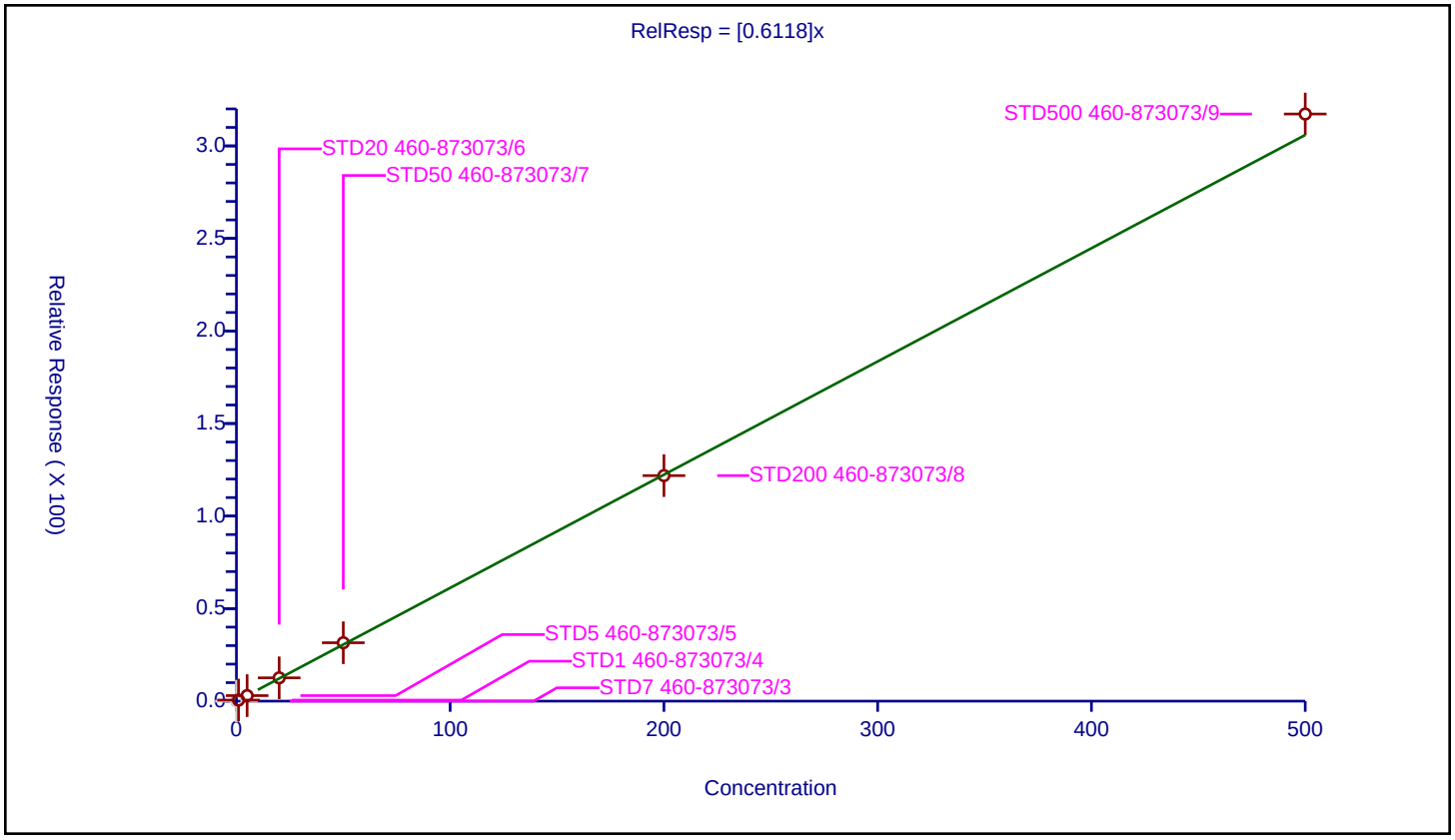
Curve Coefficients

Intercept:	0
Slope:	0.6118

Error Coefficients

Standard Error:	1840000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.568419	50.0	541414.0	0.568419	Y
3	STD5 460-873073/5	5.0	2.991317	50.0	550510.0	0.598263	Y
4	STD20 460-873073/6	20.0	12.586303	50.0	584715.0	0.629315	Y
5	STD50 460-873073/7	50.0	31.548514	50.0	605981.0	0.63097	Y
6	STD200 460-873073/8	200.0	121.849506	50.0	641685.0	0.609248	Y
7	STD500 460-873073/9	500.0	317.237979	50.0	597892.0	0.634476	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

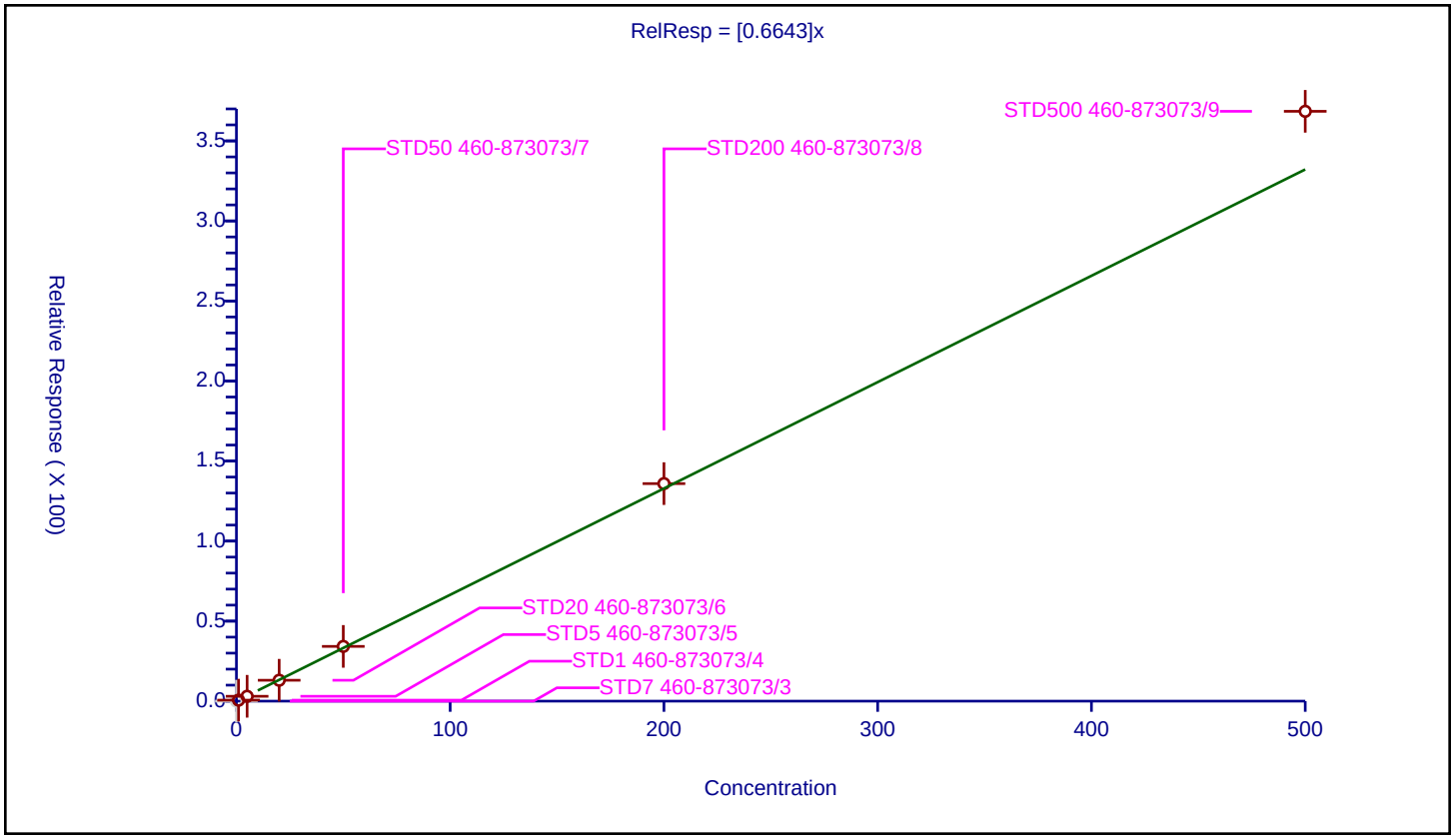
Curve Coefficients

Intercept:	0
Slope:	0.6643

Error Coefficients

Standard Error:	2130000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.625954	50.0	541414.0	0.625954	Y
3	STD5 460-873073/5	5.0	3.032098	50.0	550510.0	0.60642	Y
4	STD20 460-873073/6	20.0	13.061663	50.0	584715.0	0.653083	Y
5	STD50 460-873073/7	50.0	34.200825	50.0	605981.0	0.684016	Y
6	STD200 460-873073/8	200.0	135.894481	50.0	641685.0	0.679472	Y
7	STD500 460-873073/9	500.0	368.484191	50.0	597892.0	0.736968	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

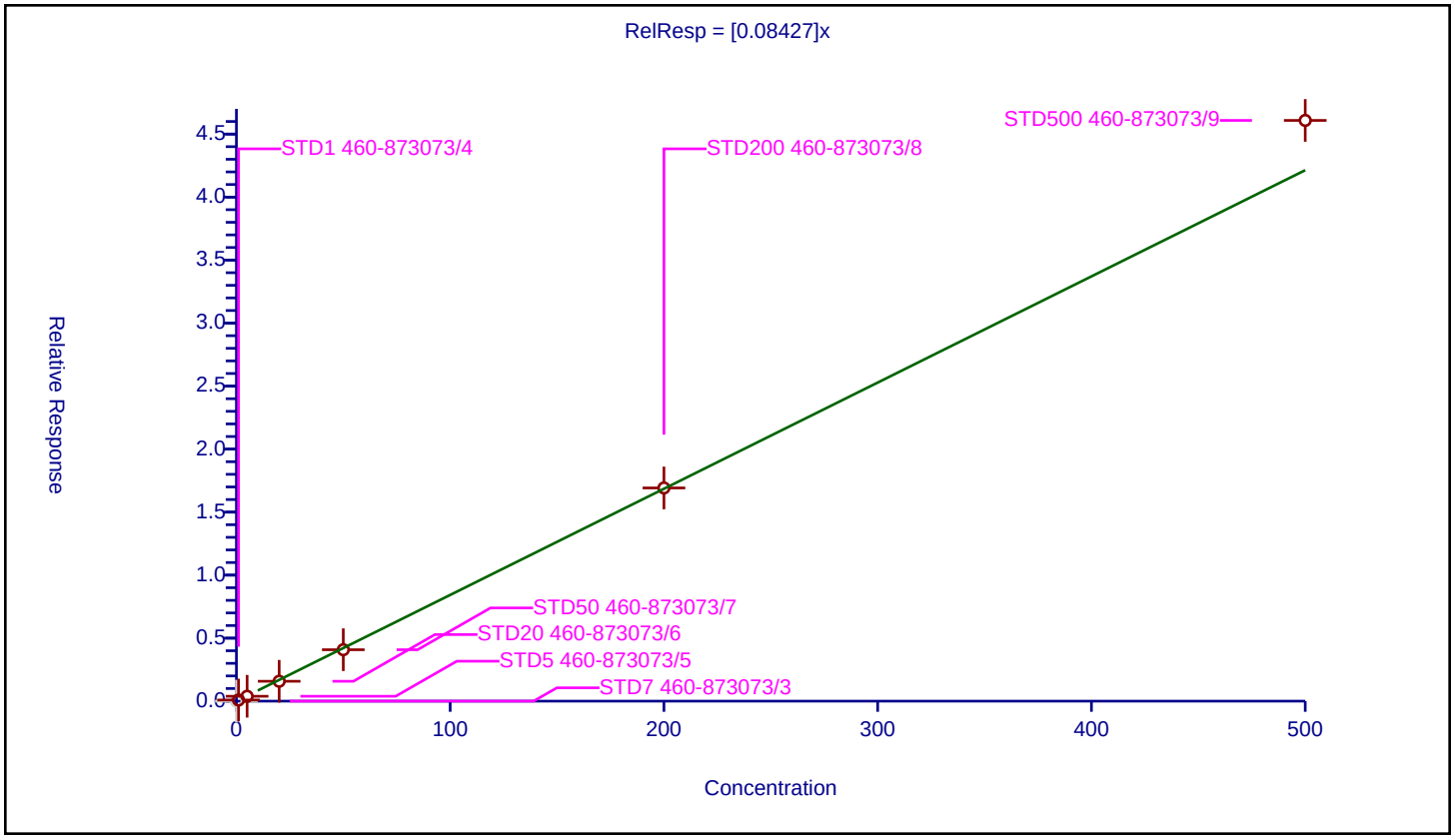
Curve Coefficients

Intercept:	0
Slope:	0.08427

Error Coefficients

Standard Error:	266000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.090688	50.0	541414.0	0.090688	Y
3	STD5 460-873073/5	5.0	0.388367	50.0	550510.0	0.077673	Y
4	STD20 460-873073/6	20.0	1.577606	50.0	584715.0	0.07888	Y
5	STD50 460-873073/7	50.0	4.080904	50.0	605981.0	0.081618	Y
6	STD200 460-873073/8	200.0	16.918971	50.0	641685.0	0.084595	Y
7	STD500 460-873073/9	500.0	46.083741	50.0	597892.0	0.092167	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

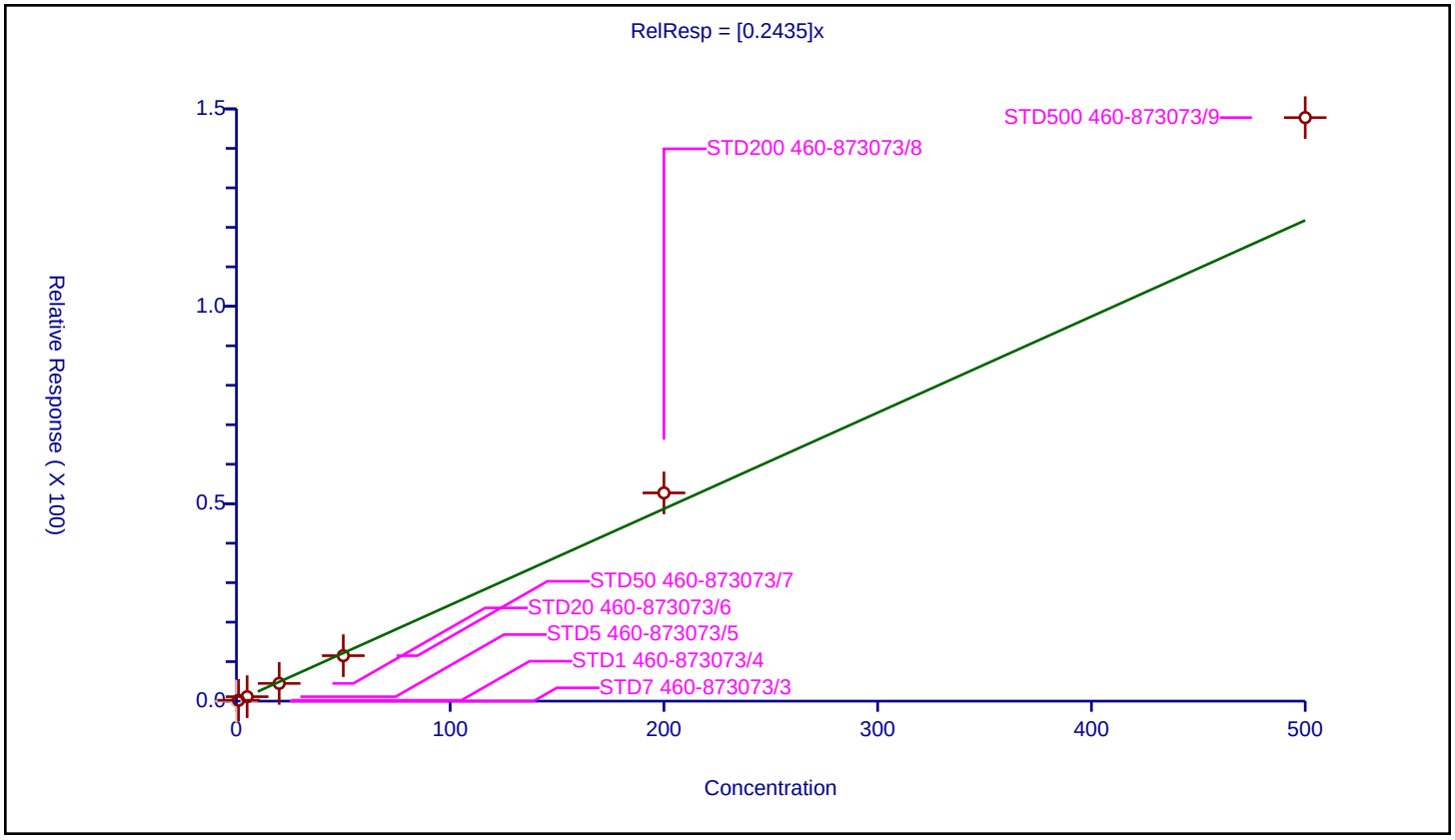
Curve Coefficients

Intercept:	0
Slope:	0.2435

Error Coefficients

Standard Error:	849000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.222473	50.0	541414.0	0.222473	Y
3	STD5 460-873073/5	5.0	1.125139	50.0	550510.0	0.225028	Y
4	STD20 460-873073/6	20.0	4.486032	50.0	584715.0	0.224302	Y
5	STD50 460-873073/7	50.0	11.510757	50.0	605981.0	0.230215	Y
6	STD200 460-873073/8	200.0	52.73787	50.0	641685.0	0.263689	Y
7	STD500 460-873073/9	500.0	147.788146	50.0	597892.0	0.295576	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

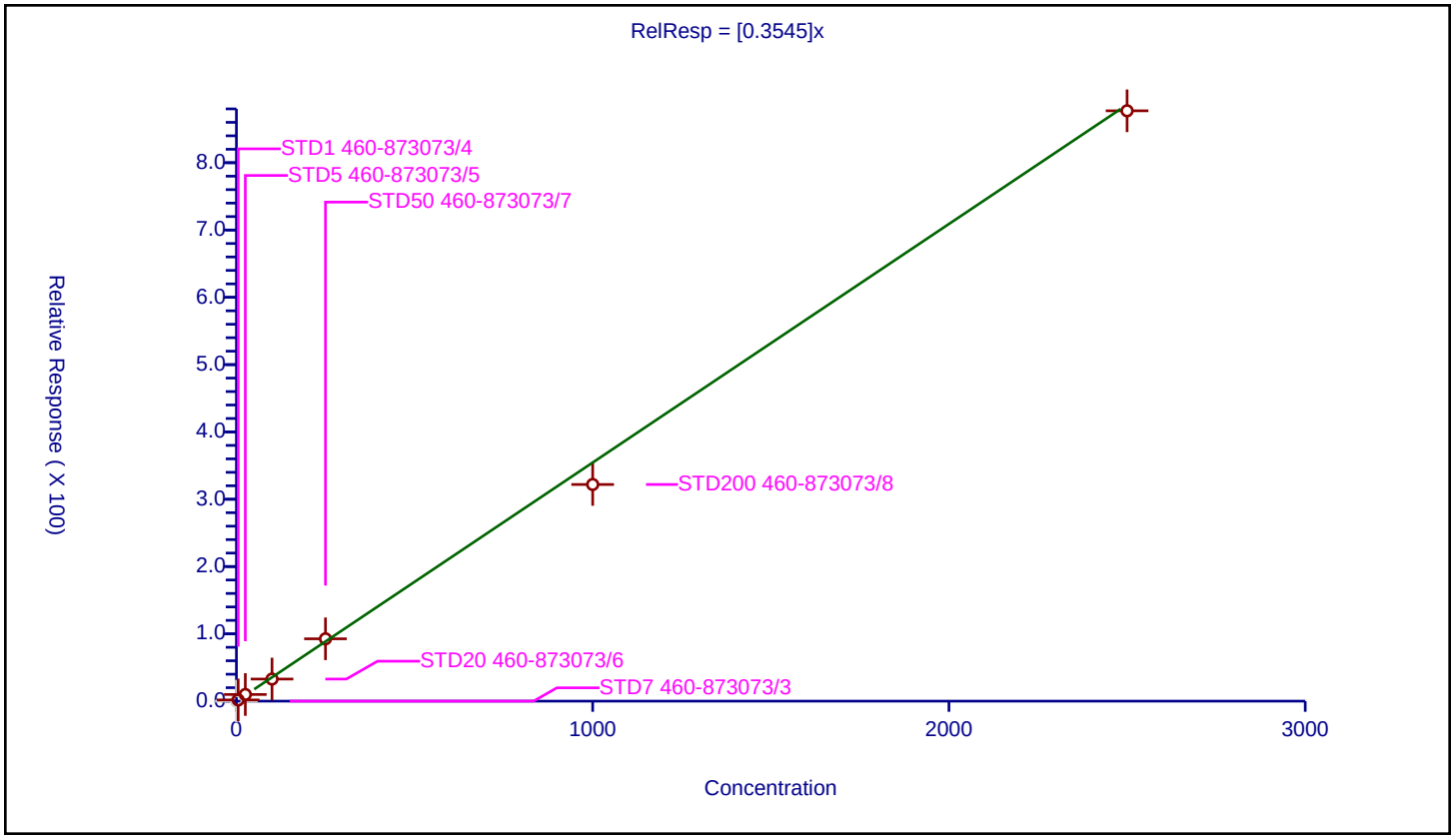
Curve Coefficients

Intercept:	0
Slope:	0.3545

Error Coefficients

Standard Error:	296000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	5.0	1.804855	250.0	108873.0	0.360971	Y
3	STD5 460-873073/5	25.0	9.865709	250.0	110357.0	0.394628	Y
4	STD20 460-873073/6	100.0	32.809218	250.0	126626.0	0.328092	Y
5	STD50 460-873073/7	250.0	92.619027	250.0	125749.0	0.370476	Y
6	STD200 460-873073/8	1000.0	321.90839	250.0	180723.0	0.321908	Y
7	STD500 460-873073/9	2500.0	877.15998	250.0	176622.0	0.350864	Y



Calibration / Propionitrile

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

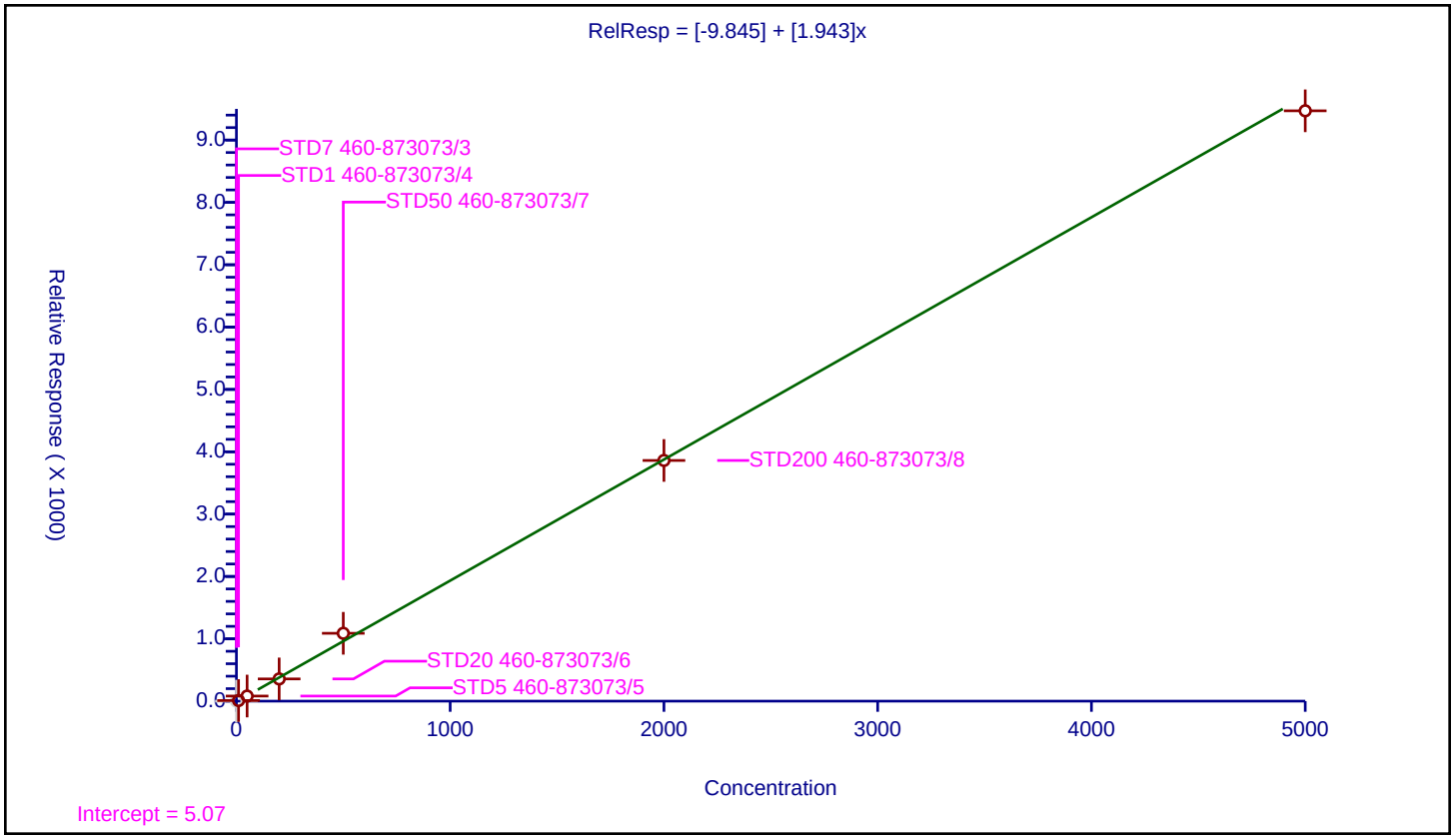
Curve Coefficients

Intercept:	-9.845
Slope:	1.943

Error Coefficients

Standard Error:	833000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	10.0	9.811351	1000.0	98967.0	0.981135	Y
3	STD5 460-873073/5	50.0	81.728086	1000.0	94949.0	1.634562	Y
4	STD20 460-873073/6	200.0	356.570638	1000.0	102608.0	1.782853	Y
5	STD50 460-873073/7	500.0	1088.449249	1000.0	99526.0	2.176898	Y
6	STD200 460-873073/8	2000.0	3860.475975	1000.0	141352.0	1.930238	Y
7	STD500 460-873073/9	5000.0	9469.382987	1000.0	166917.0	1.893877	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

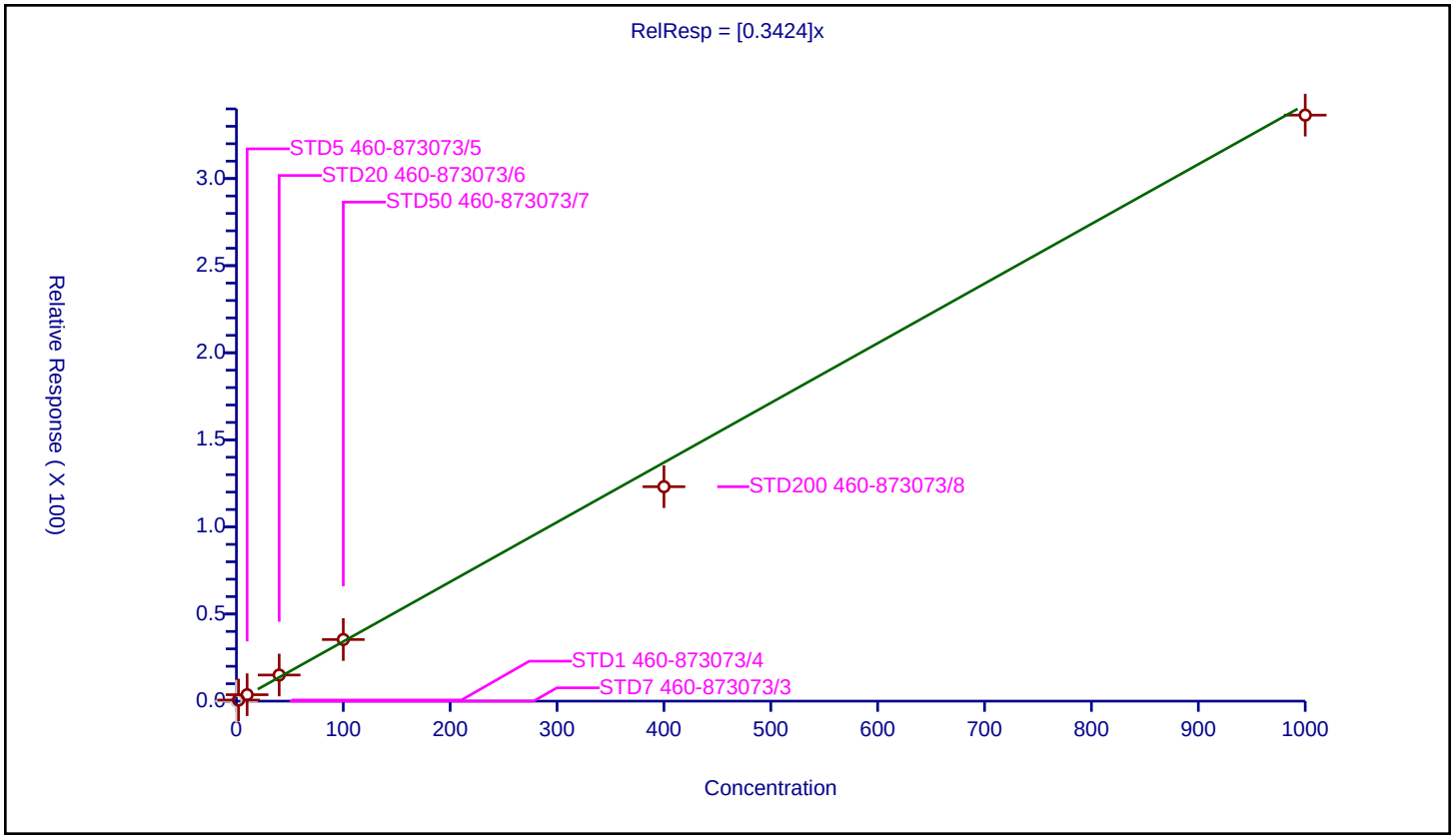
Curve Coefficients

Intercept:	0
Slope:	0.3424

Error Coefficients

Standard Error:	114000
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 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	2.0	0.626877	250.0	108873.0	0.313439	Y
3	STD5 460-873073/5	10.0	3.685765	250.0	110357.0	0.368577	Y
4	STD20 460-873073/6	40.0	14.990997	250.0	126626.0	0.374775	Y
5	STD50 460-873073/7	100.0	35.372051	250.0	125749.0	0.353721	Y
6	STD200 460-873073/8	400.0	123.101376	250.0	180723.0	0.307753	Y
7	STD500 460-873073/9	1000.0	336.42185	250.0	176622.0	0.336422	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

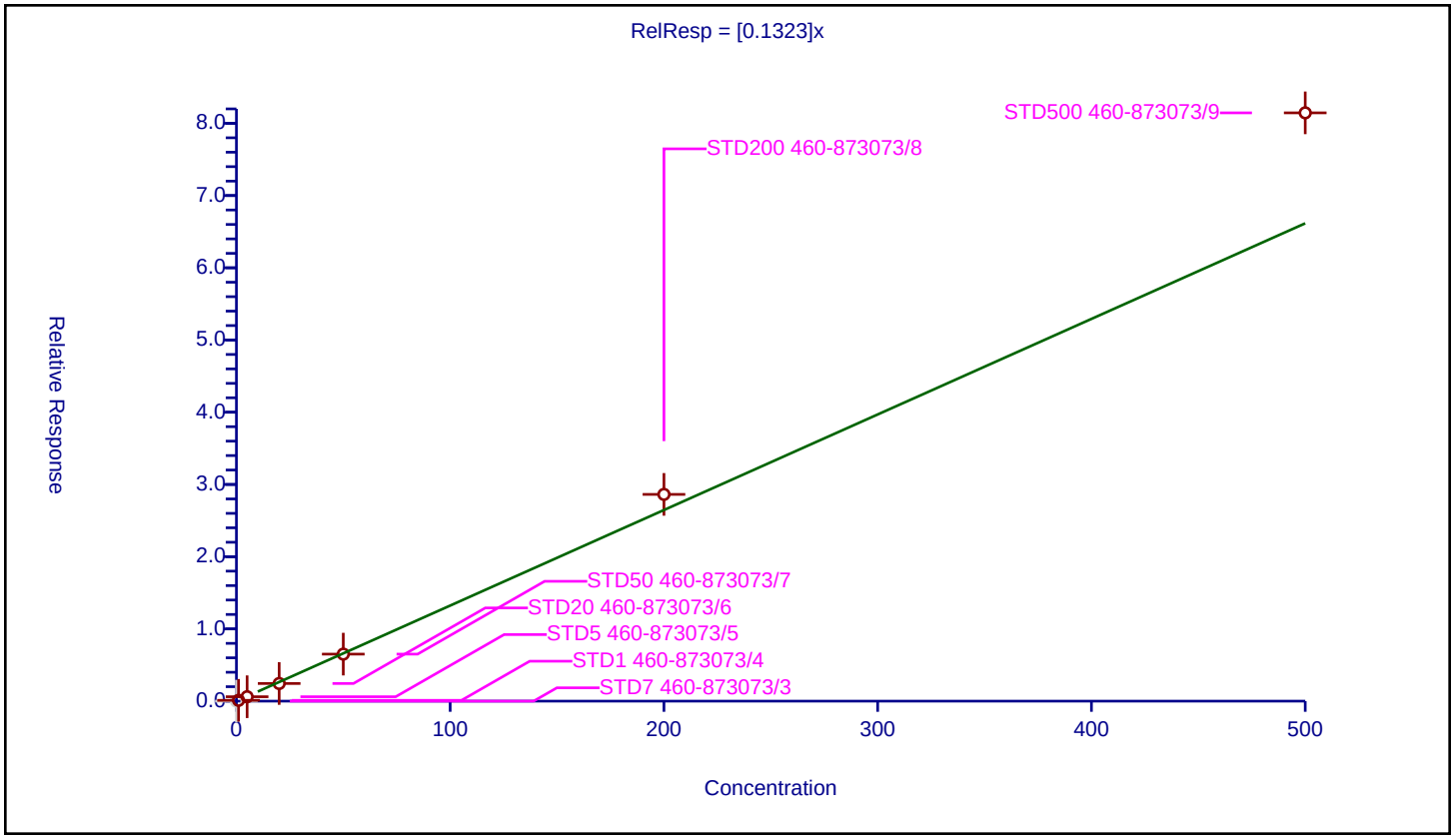
Curve Coefficients

Intercept:	0
Slope:	0.1323

Error Coefficients

Standard Error:	467000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.113591	50.0	541414.0	0.113591	Y
3	STD5 460-873073/5	5.0	0.609617	50.0	550510.0	0.121923	Y
4	STD20 460-873073/6	20.0	2.44136	50.0	584715.0	0.122068	Y
5	STD50 460-873073/7	50.0	6.510765	50.0	605981.0	0.130215	Y
6	STD200 460-873073/8	200.0	28.625883	50.0	641685.0	0.143129	Y
7	STD500 460-873073/9	500.0	81.451165	50.0	597892.0	0.162902	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

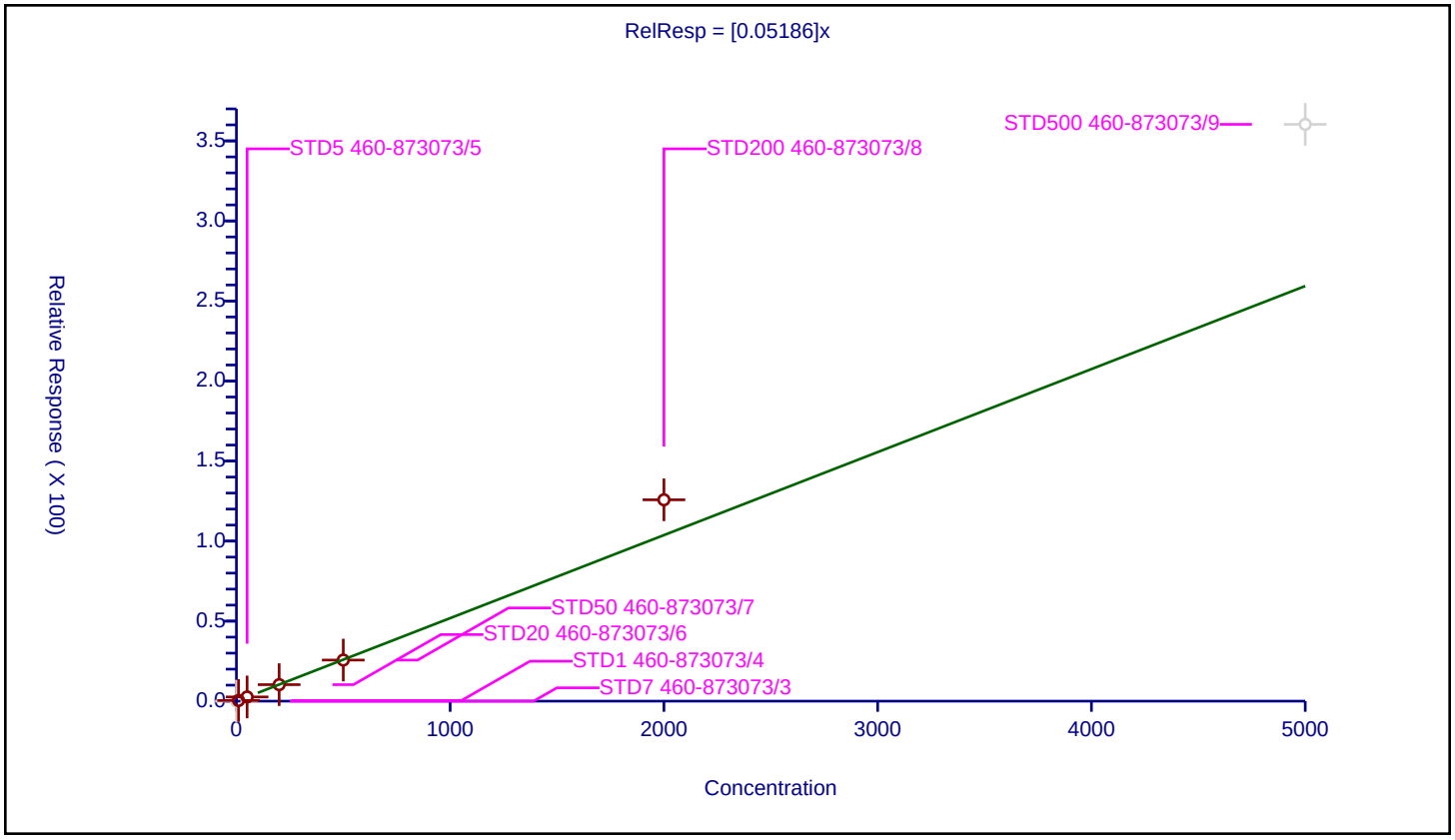
Curve Coefficients

Intercept:	0
Slope:	0.05186

Error Coefficients

Standard Error:	824000
Relative Standard Error:	15.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	10.0	0.409945	50.0	541414.0	0.040995	Y
3	STD5 460-873073/5	50.0	2.6272	50.0	550510.0	0.052544	Y
4	STD20 460-873073/6	200.0	10.310151	50.0	584715.0	0.051551	Y
5	STD50 460-873073/7	500.0	25.663758	50.0	605981.0	0.051328	Y
6	STD200 460-873073/8	2000.0	125.787653	50.0	641685.0	0.062894	Y
7	STD500 460-873073/9	5000.0	360.338907	50.0	597892.0	0.072068	N



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

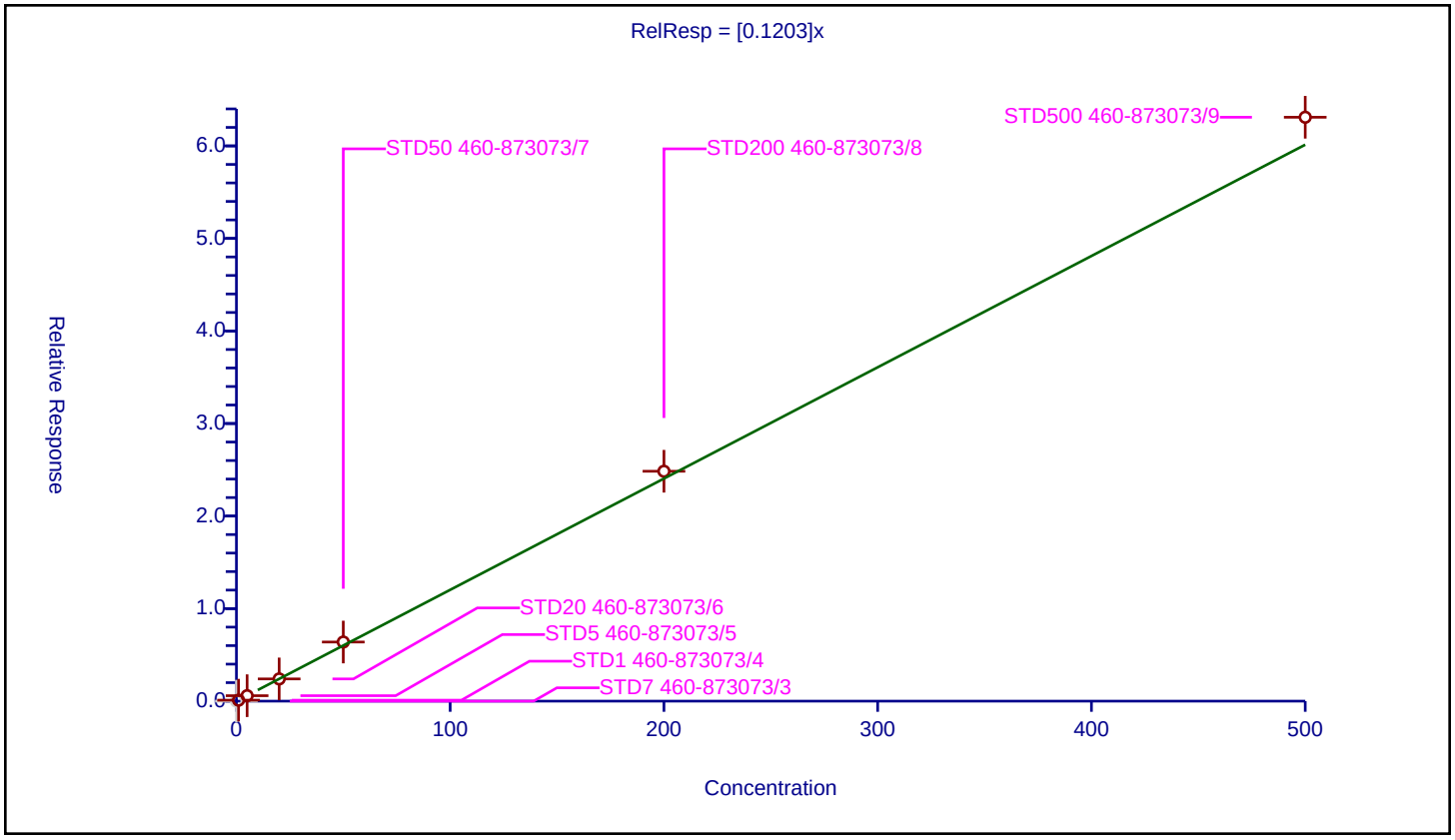
Curve Coefficients

Intercept:	0
Slope:	0.1203

Error Coefficients

Standard Error:	368000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.105742	50.0	541414.0	0.105742	Y
3	STD5 460-873073/5	5.0	0.588	50.0	550510.0	0.1176	Y
4	STD20 460-873073/6	20.0	2.400913	50.0	584715.0	0.120046	Y
5	STD50 460-873073/7	50.0	6.387659	50.0	605981.0	0.127753	Y
6	STD200 460-873073/8	200.0	24.842563	50.0	641685.0	0.124213	Y
7	STD500 460-873073/9	500.0	63.096931	50.0	597892.0	0.126194	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

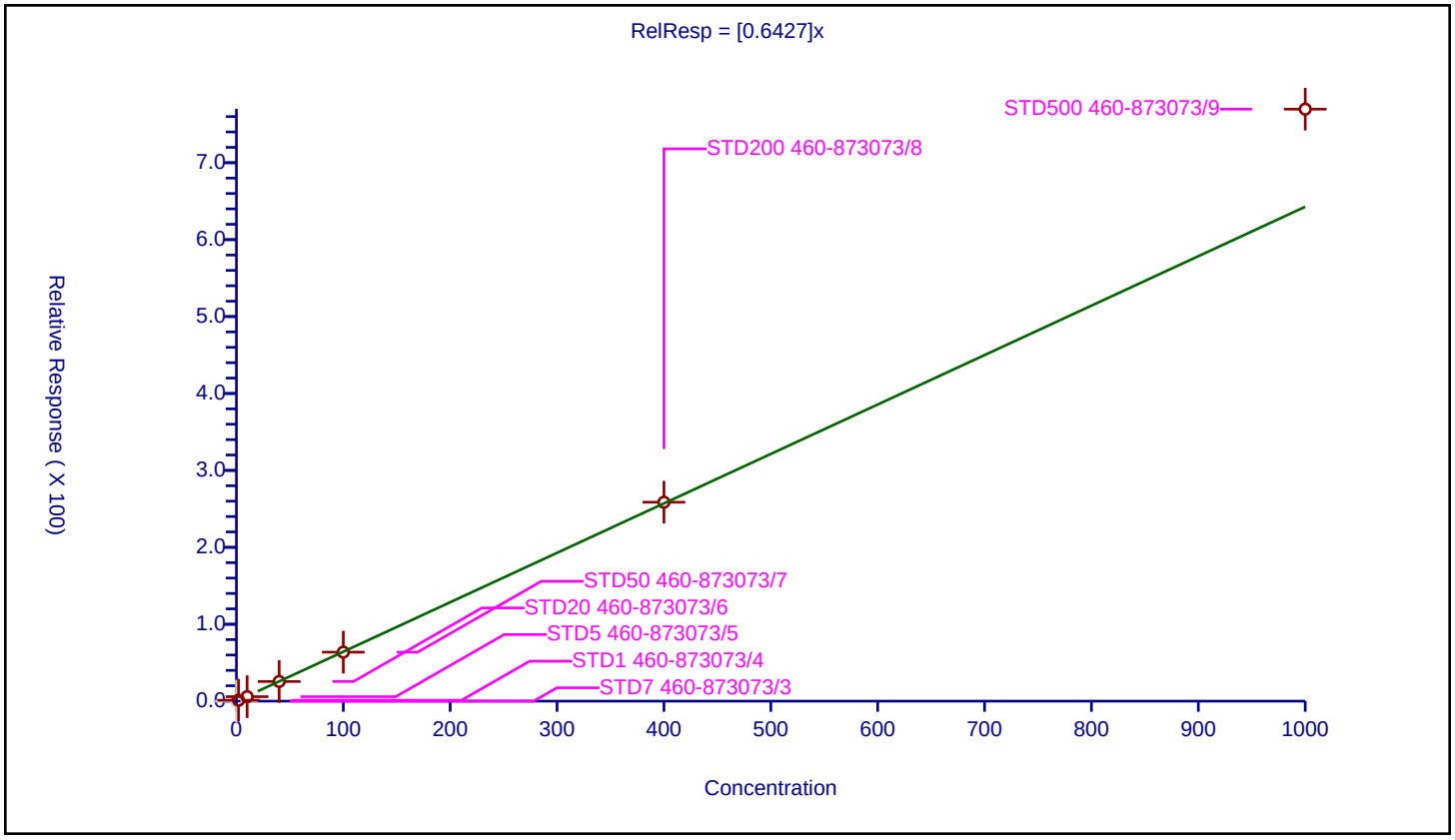
Curve Coefficients

Intercept:	0
Slope:	0.6427

Error Coefficients

Standard Error:	257000
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	STD7 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	2.0	1.171089	250.0	108873.0	0.585545	Y
3	STD5 460-873073/5	10.0	5.790299	250.0	110357.0	0.57903	Y
4	STD20 460-873073/6	40.0	25.551624	250.0	126626.0	0.638791	Y
5	STD50 460-873073/7	100.0	63.692355	250.0	125749.0	0.636924	Y
6	STD200 460-873073/8	400.0	258.614011	250.0	180723.0	0.646535	Y
7	STD500 460-873073/9	1000.0	769.659216	250.0	176622.0	0.769659	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

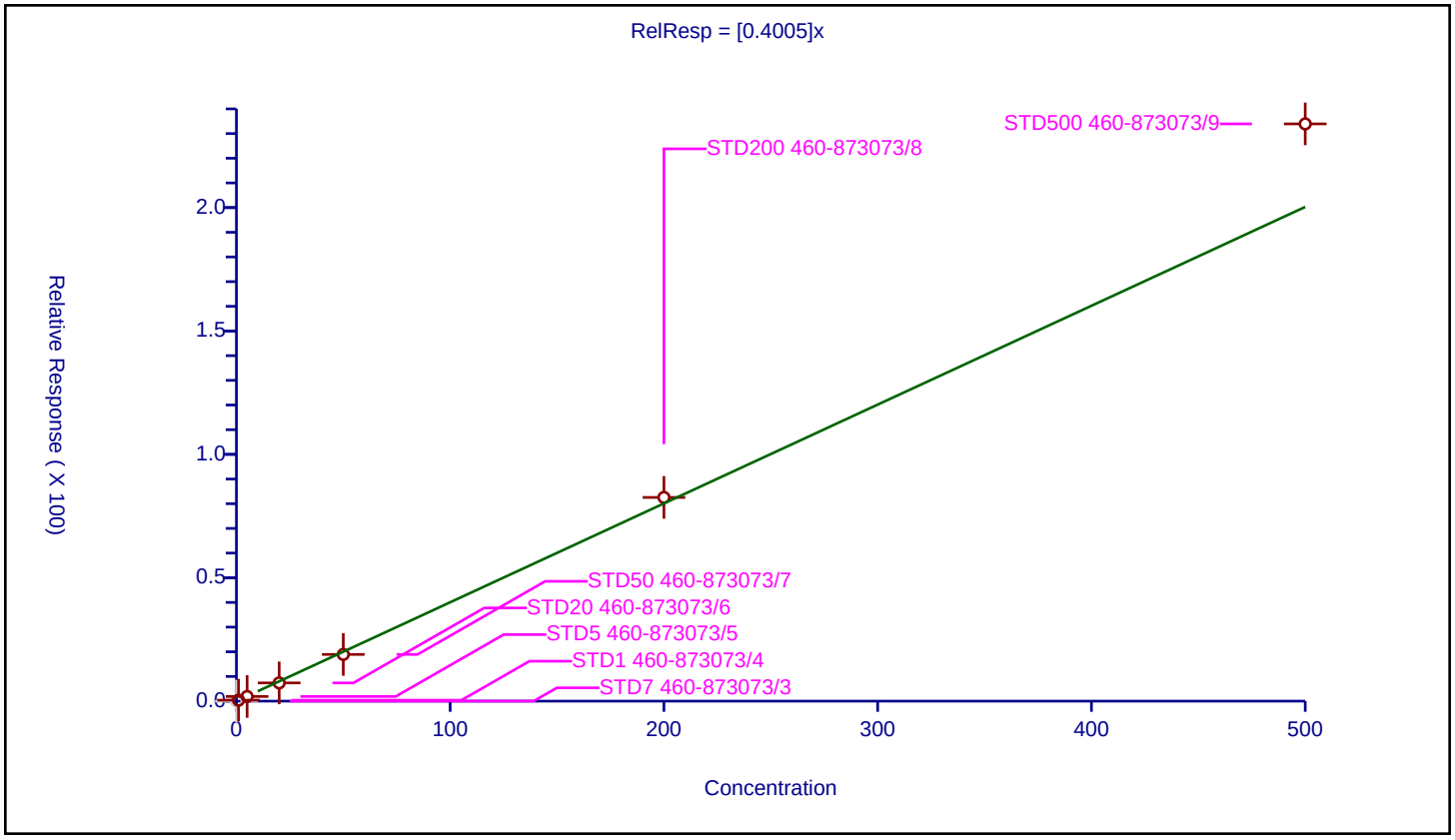
Curve Coefficients

Intercept:	0
Slope:	0.4005

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.397201	50.0	541414.0	0.397201	Y
3	STD5 460-873073/5	5.0	1.886796	50.0	550510.0	0.377359	Y
4	STD20 460-873073/6	20.0	7.390353	50.0	584715.0	0.369518	Y
5	STD50 460-873073/7	50.0	18.926418	50.0	605981.0	0.378528	Y
6	STD200 460-873073/8	200.0	82.554992	50.0	641685.0	0.412775	Y
7	STD500 460-873073/9	500.0	233.926529	50.0	597892.0	0.467853	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

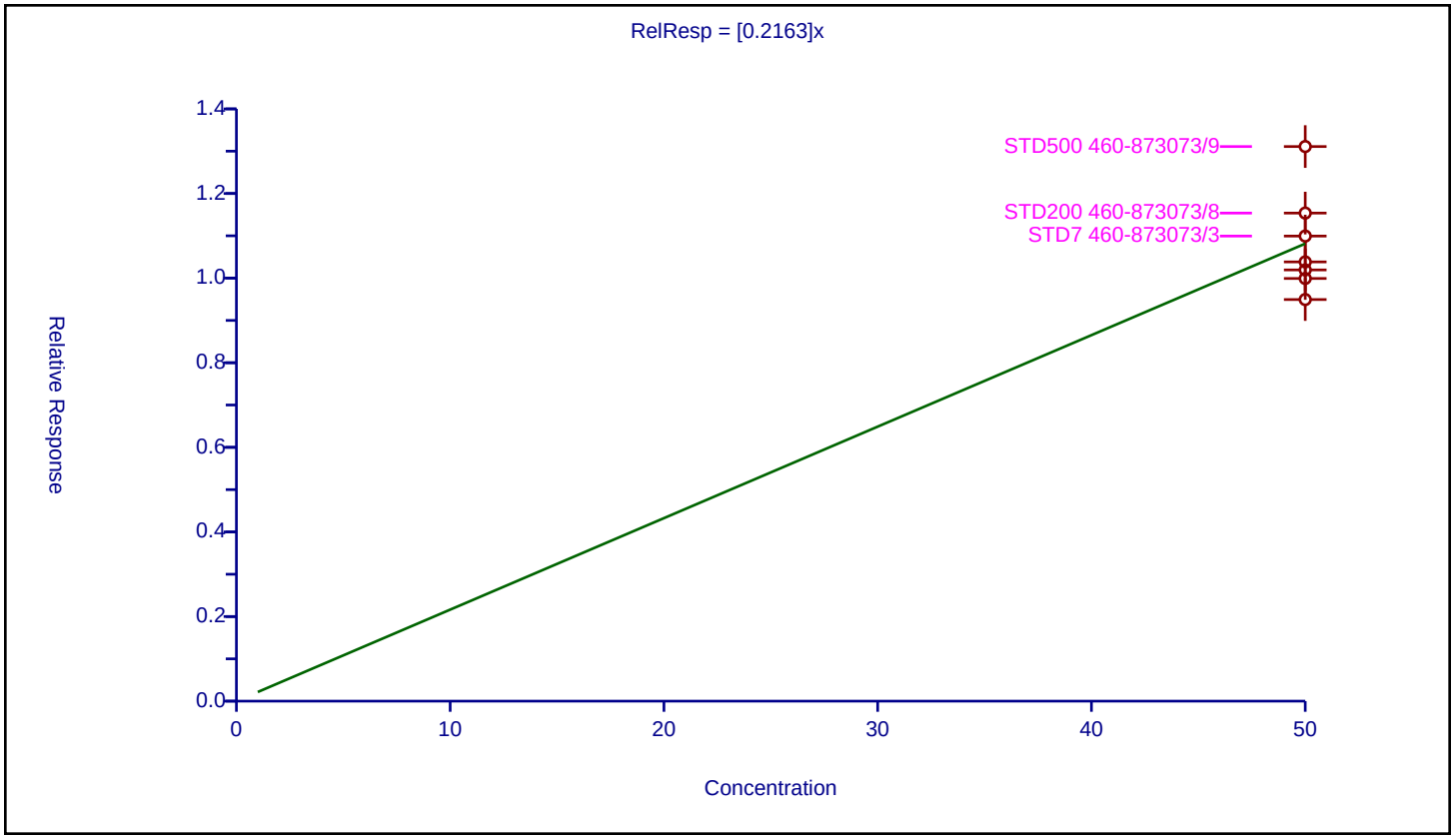
Curve Coefficients

Intercept:	0
Slope:	0.2163

Error Coefficients

Standard Error:	137000
Relative Standard Error:	11.2
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	50.0	10.993762	50.0	515697.0	0.219875	Y
2	STD1 460-873073/4	50.0	9.493197	50.0	541414.0	0.189864	Y
3	STD5 460-873073/5	50.0	10.382918	50.0	550510.0	0.207658	Y
4	STD20 460-873073/6	50.0	9.991449	50.0	584715.0	0.199829	Y
5	STD50 460-873073/7	50.0	10.193306	50.0	605981.0	0.203866	Y
6	STD200 460-873073/8	50.0	11.536813	50.0	641685.0	0.230736	Y
7	STD500 460-873073/9	50.0	13.109726	50.0	597892.0	0.262195	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

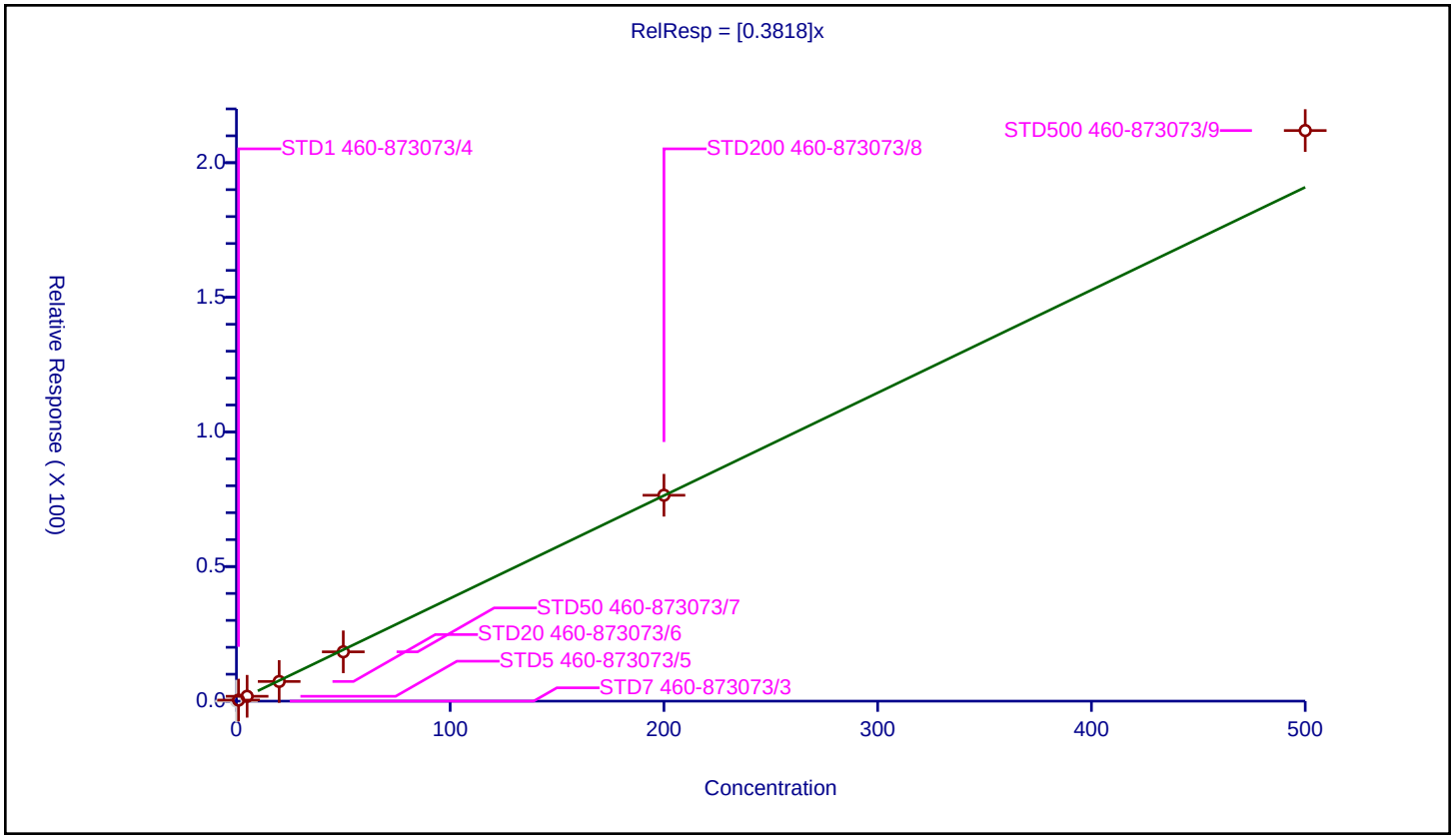
Curve Coefficients

Intercept:	0
Slope:	0.3818

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.392675	50.0	541414.0	0.392675	Y
3	STD5 460-873073/5	5.0	1.801057	50.0	550510.0	0.360211	Y
4	STD20 460-873073/6	20.0	7.302874	50.0	584715.0	0.365144	Y
5	STD50 460-873073/7	50.0	18.320211	50.0	605981.0	0.366404	Y
6	STD200 460-873073/8	200.0	76.483711	50.0	641685.0	0.382419	Y
7	STD500 460-873073/9	500.0	211.953497	50.0	597892.0	0.423907	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

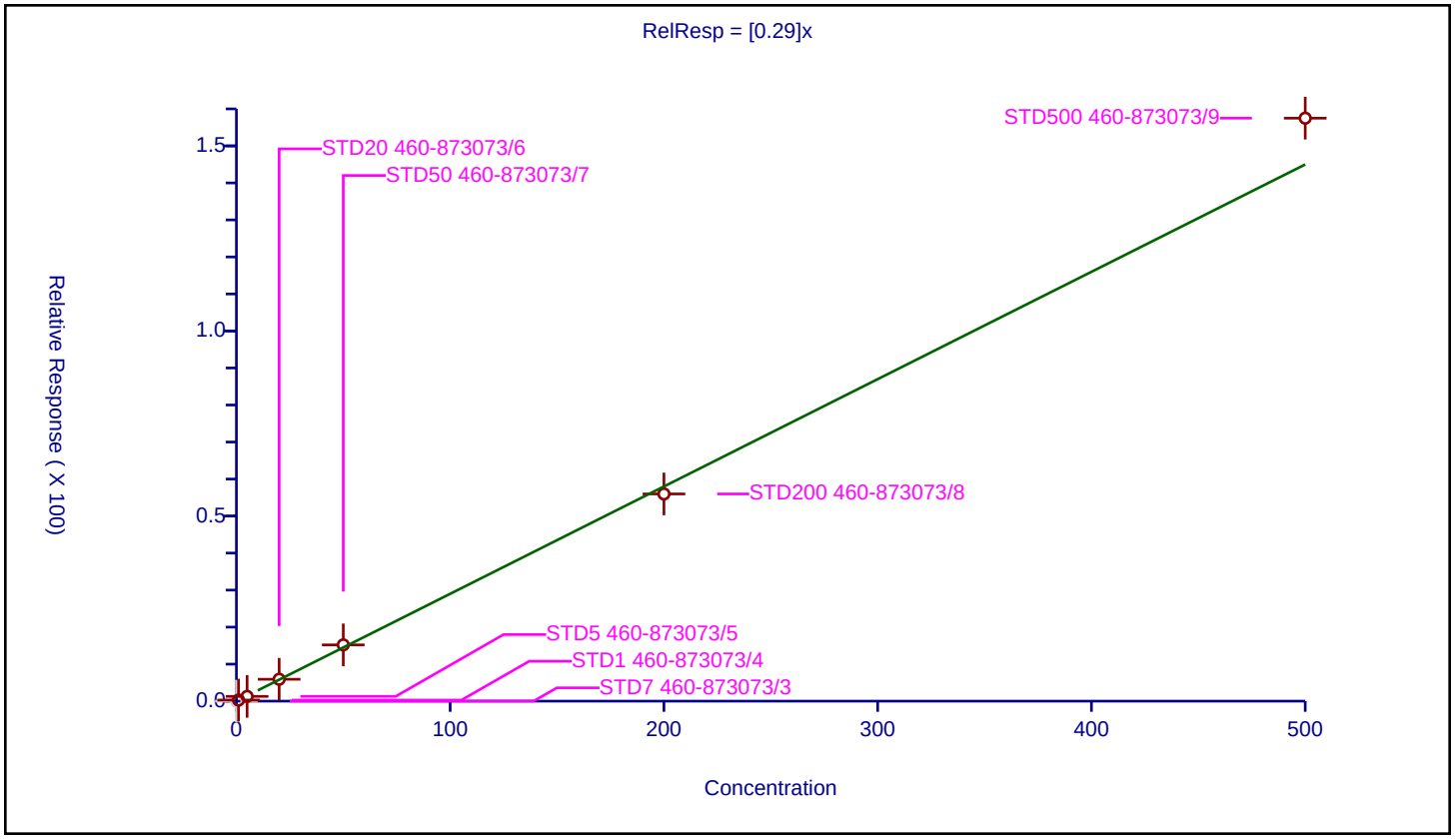
Curve Coefficients

Intercept:	0
Slope:	0.29

Error Coefficients

Standard Error:	906000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.288042	50.0	541414.0	0.288042	Y
3	STD5 460-873073/5	5.0	1.286443	50.0	550510.0	0.257289	Y
4	STD20 460-873073/6	20.0	5.91365	50.0	584715.0	0.295683	Y
5	STD50 460-873073/7	50.0	15.197919	50.0	605981.0	0.303958	Y
6	STD200 460-873073/8	200.0	55.975829	50.0	641685.0	0.279879	Y
7	STD500 460-873073/9	500.0	157.486386	50.0	597892.0	0.314973	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

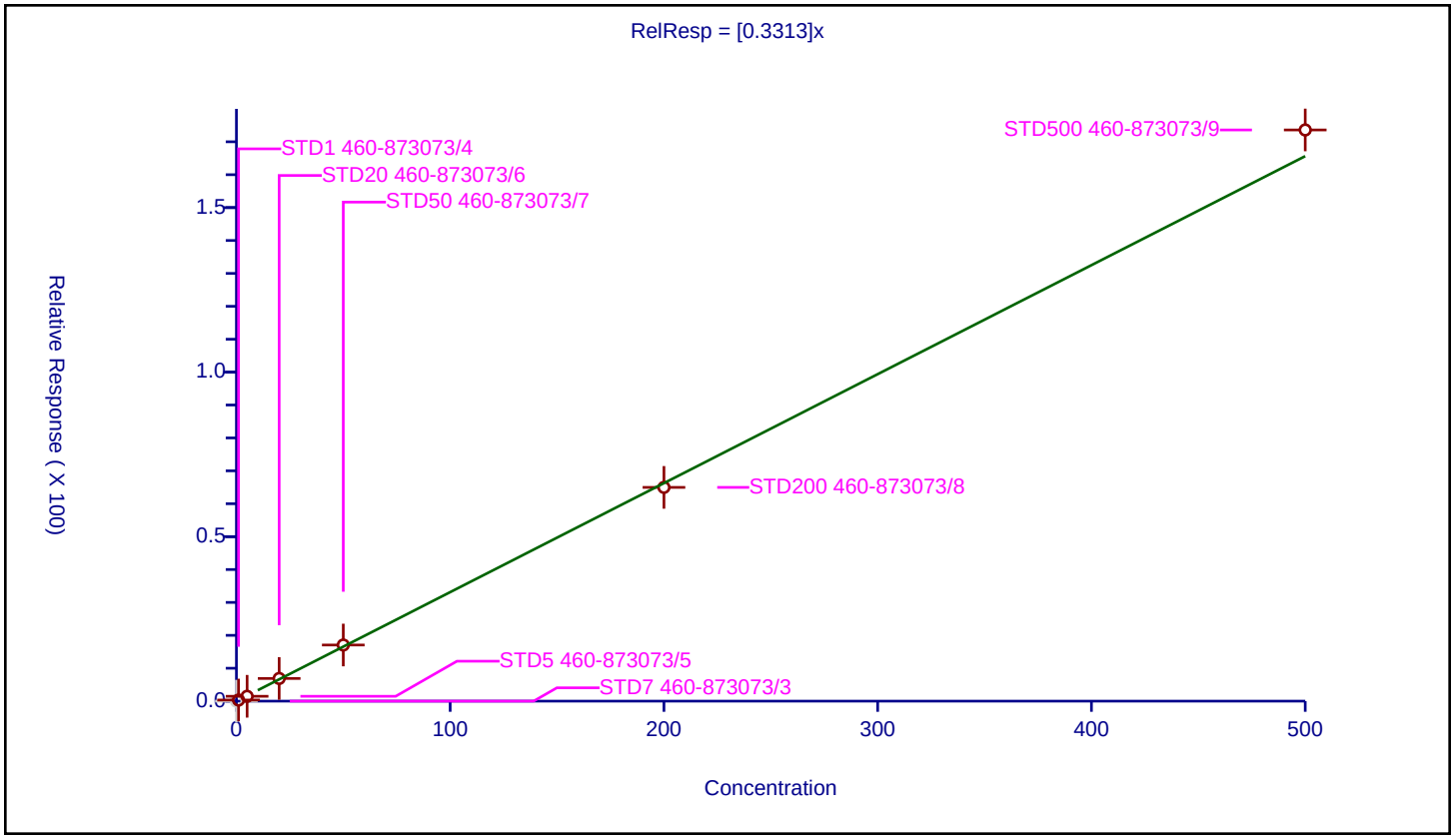
Curve Coefficients

Intercept:	0
Slope:	0.3313

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.33431	50.0	541414.0	0.33431	Y
3	STD5 460-873073/5	5.0	1.477085	50.0	550510.0	0.295417	Y
4	STD20 460-873073/6	20.0	6.893529	50.0	584715.0	0.344676	Y
5	STD50 460-873073/7	50.0	17.056475	50.0	605981.0	0.34113	Y
6	STD200 460-873073/8	200.0	64.968248	50.0	641685.0	0.324841	Y
7	STD500 460-873073/9	500.0	173.5959	50.0	597892.0	0.347192	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

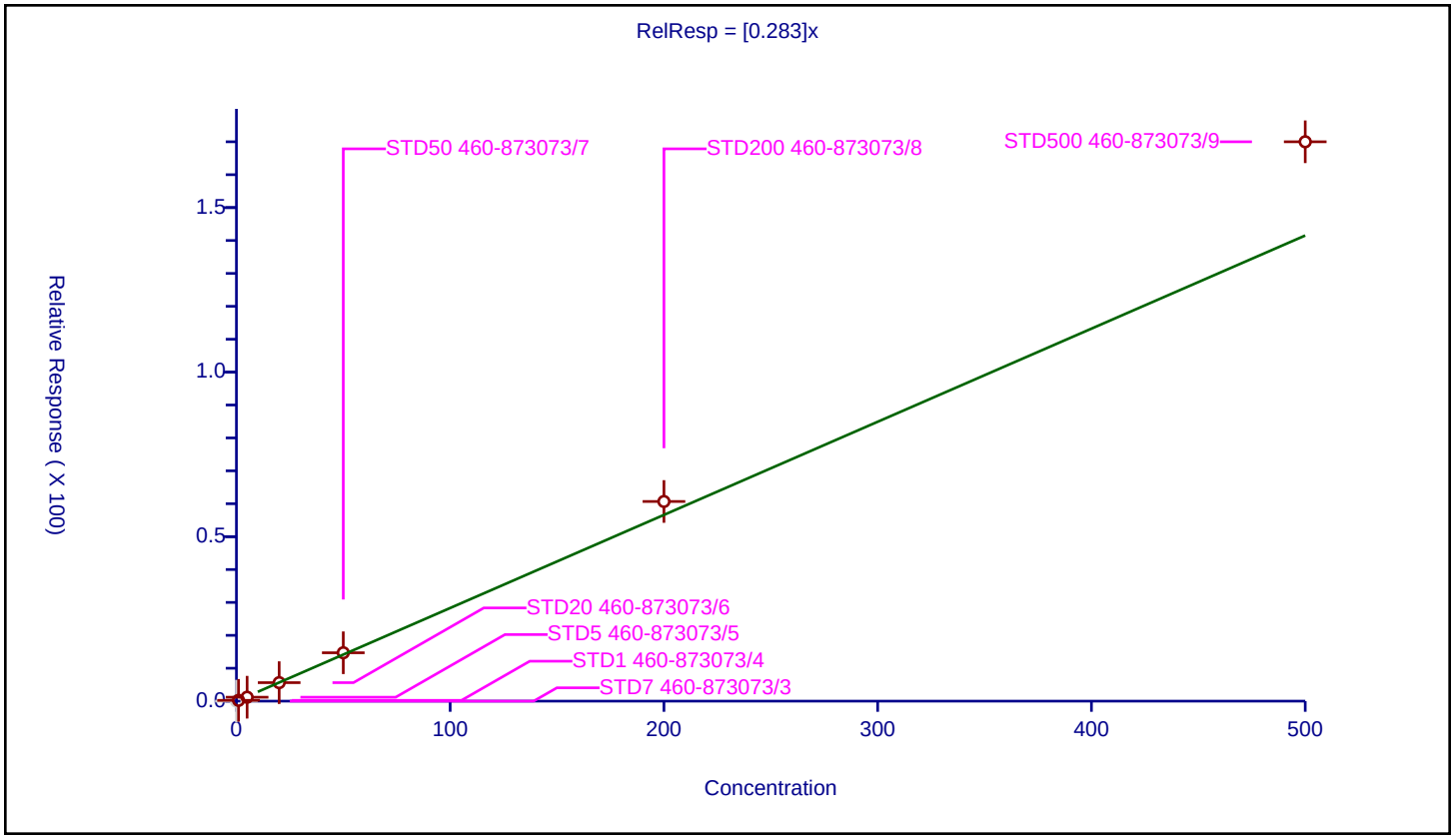
Curve Coefficients

Intercept:	0
Slope:	0.283

Error Coefficients

Standard Error:	977000
Relative Standard Error:	13.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.240851	50.0	541414.0	0.240851	Y
3	STD5 460-873073/5	5.0	1.194438	50.0	550510.0	0.238888	Y
4	STD20 460-873073/6	20.0	5.61778	50.0	584715.0	0.280889	Y
5	STD50 460-873073/7	50.0	14.706402	50.0	605981.0	0.294128	Y
6	STD200 460-873073/8	200.0	60.681721	50.0	641685.0	0.303409	Y
7	STD500 460-873073/9	500.0	170.004449	50.0	597892.0	0.340009	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

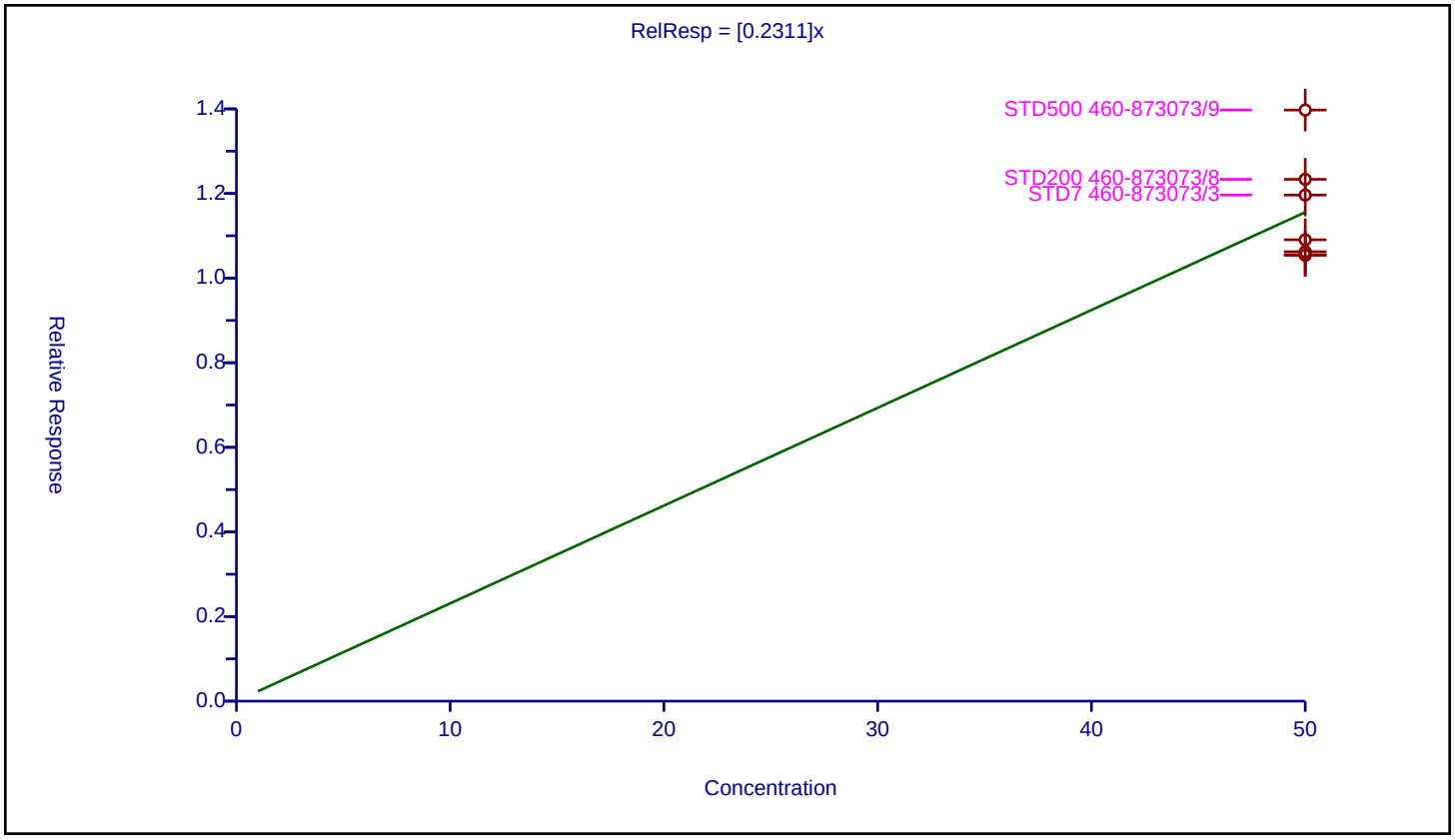
Curve Coefficients

Intercept:	0
Slope:	0.2311

Error Coefficients

Standard Error:	146000
Relative Standard Error:	11.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	50.0	11.963033	50.0	515697.0	0.239261	Y
2	STD1 460-873073/4	50.0	10.55126	50.0	541414.0	0.211025	Y
3	STD5 460-873073/5	50.0	10.905978	50.0	550510.0	0.21812	Y
4	STD20 460-873073/6	50.0	10.539323	50.0	584715.0	0.210786	Y
5	STD50 460-873073/7	50.0	10.62426	50.0	605981.0	0.212485	Y
6	STD200 460-873073/8	50.0	12.335336	50.0	641685.0	0.246707	Y
7	STD500 460-873073/9	50.0	13.972089	50.0	597892.0	0.279442	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

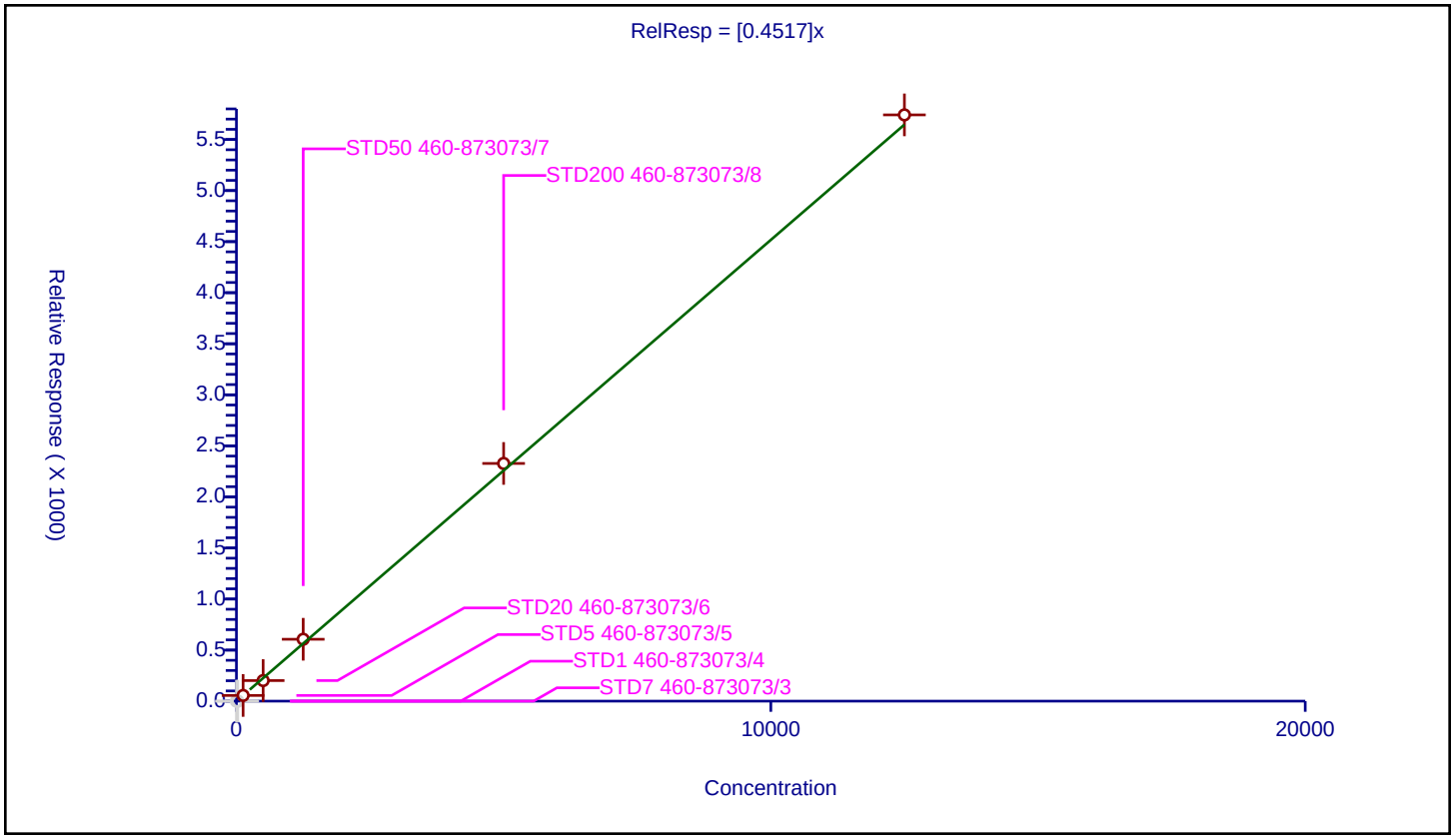
Curve Coefficients

Intercept:	0
Slope:	0.4517

Error Coefficients

Standard Error:	505000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	25.0	0.0	1000.0	98967.0	0.0	N
3	STD5 460-873073/5	125.0	55.724652	1000.0	94949.0	0.445797	Y
4	STD20 460-873073/6	500.0	201.387806	1000.0	102608.0	0.402776	Y
5	STD50 460-873073/7	1250.0	606.123023	1000.0	99526.0	0.484898	Y
6	STD200 460-873073/8	5000.0	2327.763314	1000.0	141352.0	0.465553	Y
7	STD500 460-873073/9	12500.0	5741.33851	1000.0	166917.0	0.459307	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

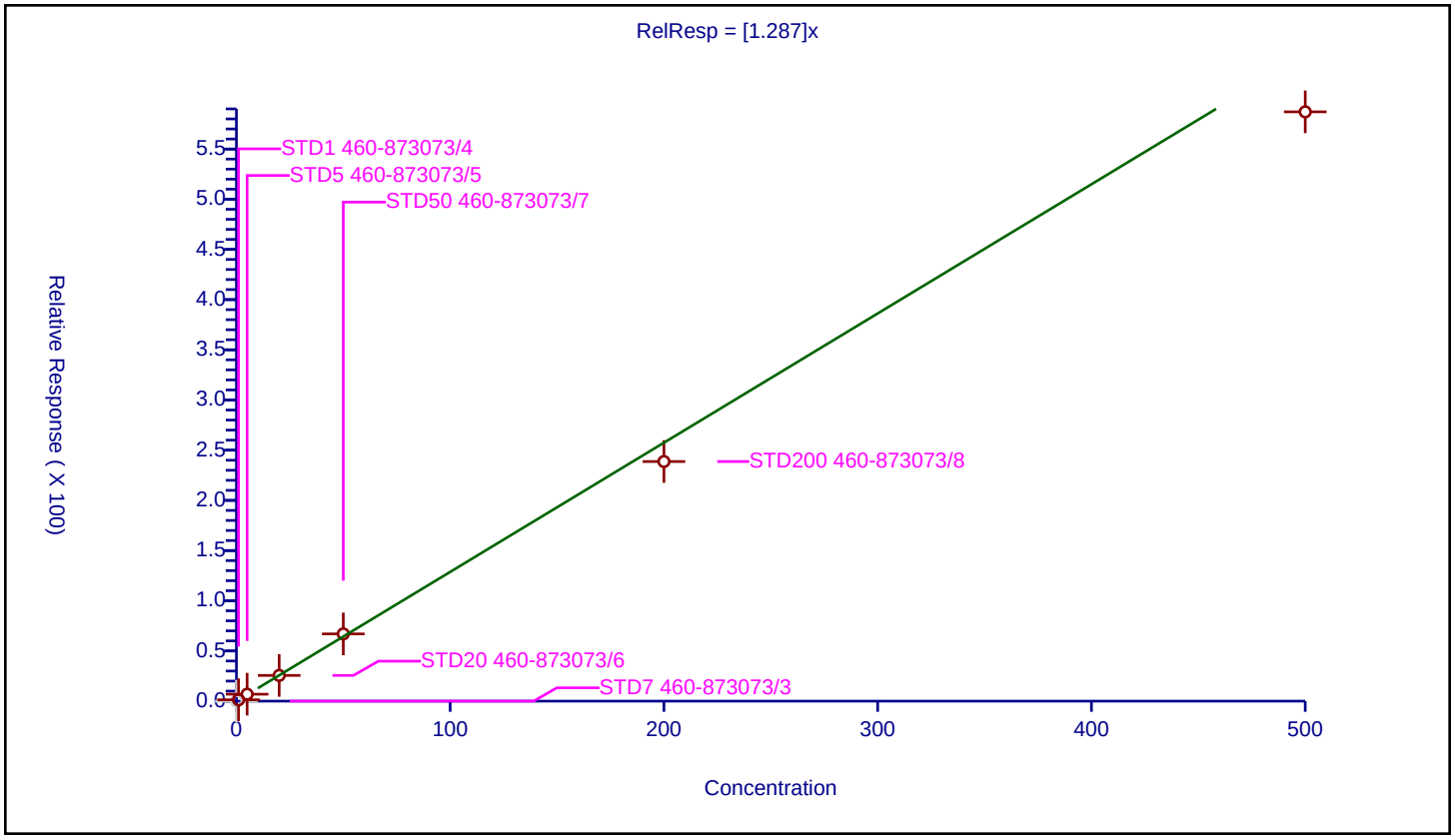
Curve Coefficients

Intercept:	0
Slope:	1.287

Error Coefficients

Standard Error:	2960000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	1.351308	50.0	403720.0	1.351308	Y
3	STD5 460-873073/5	5.0	6.921409	50.0	373934.0	1.384282	Y
4	STD20 460-873073/6	20.0	25.618147	50.0	458103.0	1.280907	Y
5	STD50 460-873073/7	50.0	66.987407	50.0	472812.0	1.339748	Y
6	STD200 460-873073/8	200.0	238.692251	50.0	515726.0	1.193461	Y
7	STD500 460-873073/9	500.0	587.046196	50.0	521067.0	1.174092	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

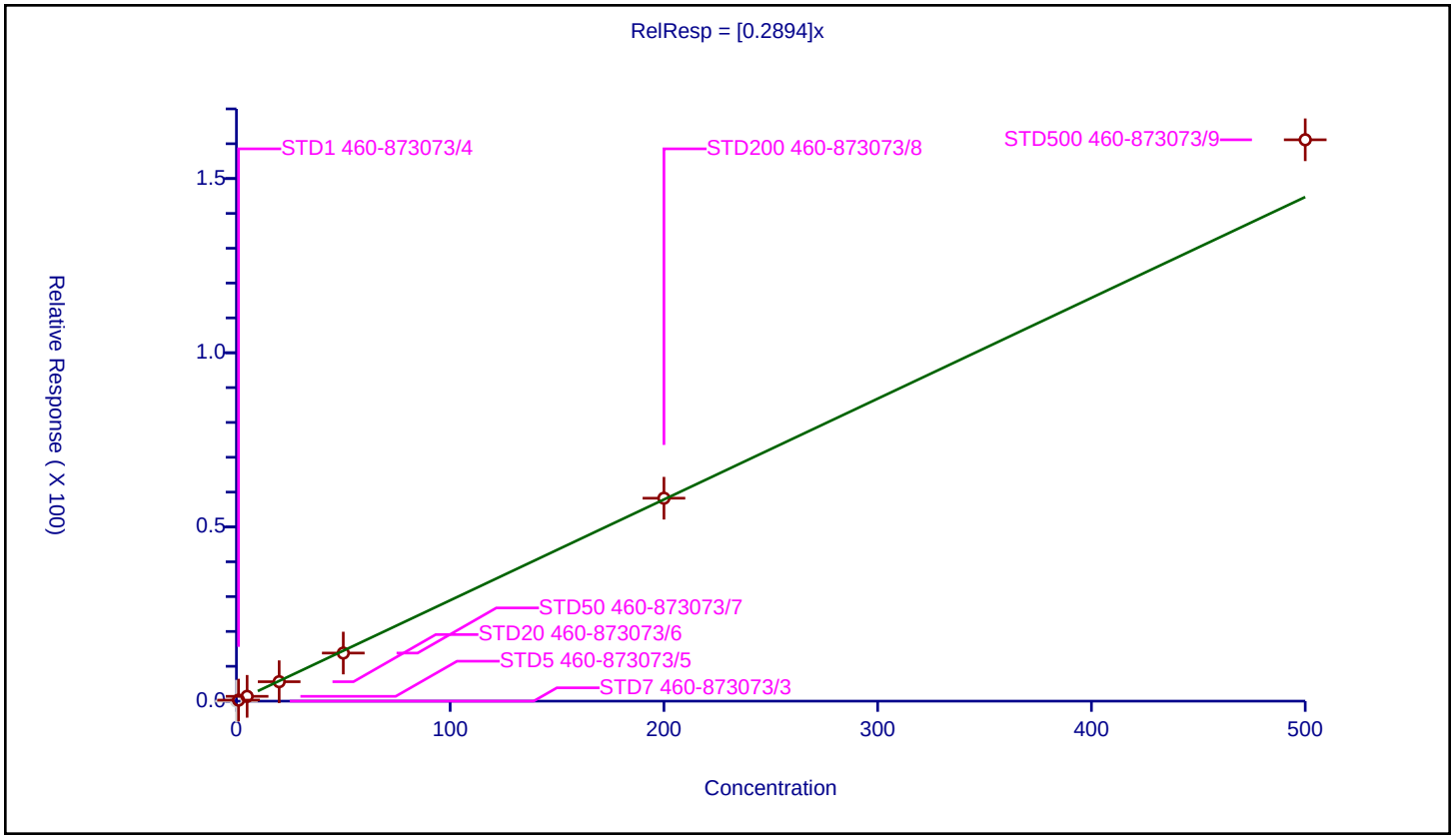
Curve Coefficients

Intercept:	0
Slope:	0.2894

Error Coefficients

Standard Error:	928000
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	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.29266	50.0	541414.0	0.29266	Y
3	STD5 460-873073/5	5.0	1.377541	50.0	550510.0	0.275508	Y
4	STD20 460-873073/6	20.0	5.573399	50.0	584715.0	0.27867	Y
5	STD50 460-873073/7	50.0	13.801258	50.0	605981.0	0.276025	Y
6	STD200 460-873073/8	200.0	58.253193	50.0	641685.0	0.291266	Y
7	STD500 460-873073/9	500.0	161.13186	50.0	597892.0	0.322264	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

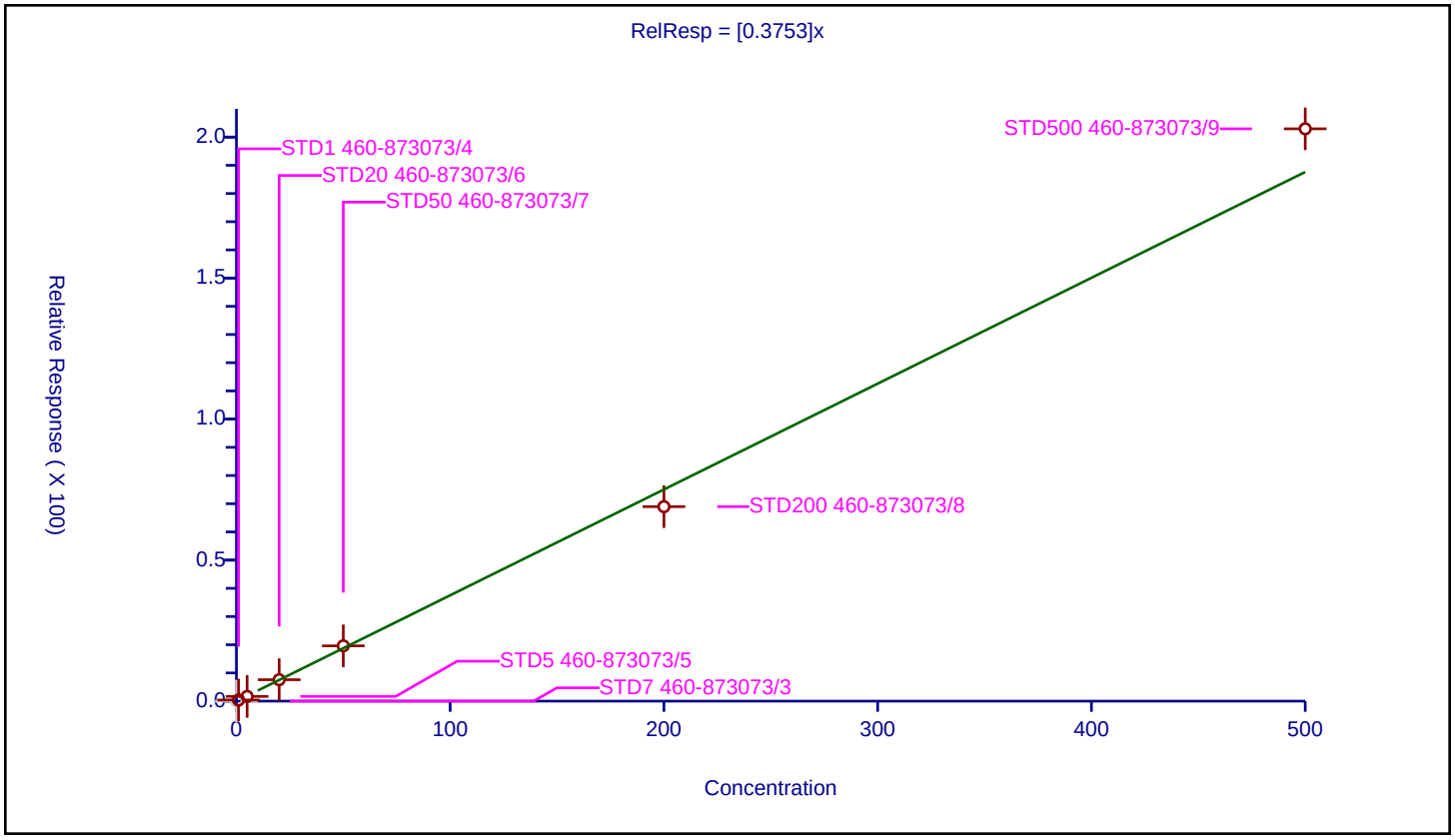
Curve Coefficients

Intercept:	0
Slope:	0.3753

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.393691	50.0	541414.0	0.393691	Y
3	STD5 460-873073/5	5.0	1.676536	50.0	550510.0	0.335307	Y
4	STD20 460-873073/6	20.0	7.597462	50.0	584715.0	0.379873	Y
5	STD50 460-873073/7	50.0	19.600367	50.0	605981.0	0.392007	Y
6	STD200 460-873073/8	200.0	68.962263	50.0	641685.0	0.344811	Y
7	STD500 460-873073/9	500.0	202.931215	50.0	597892.0	0.405862	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

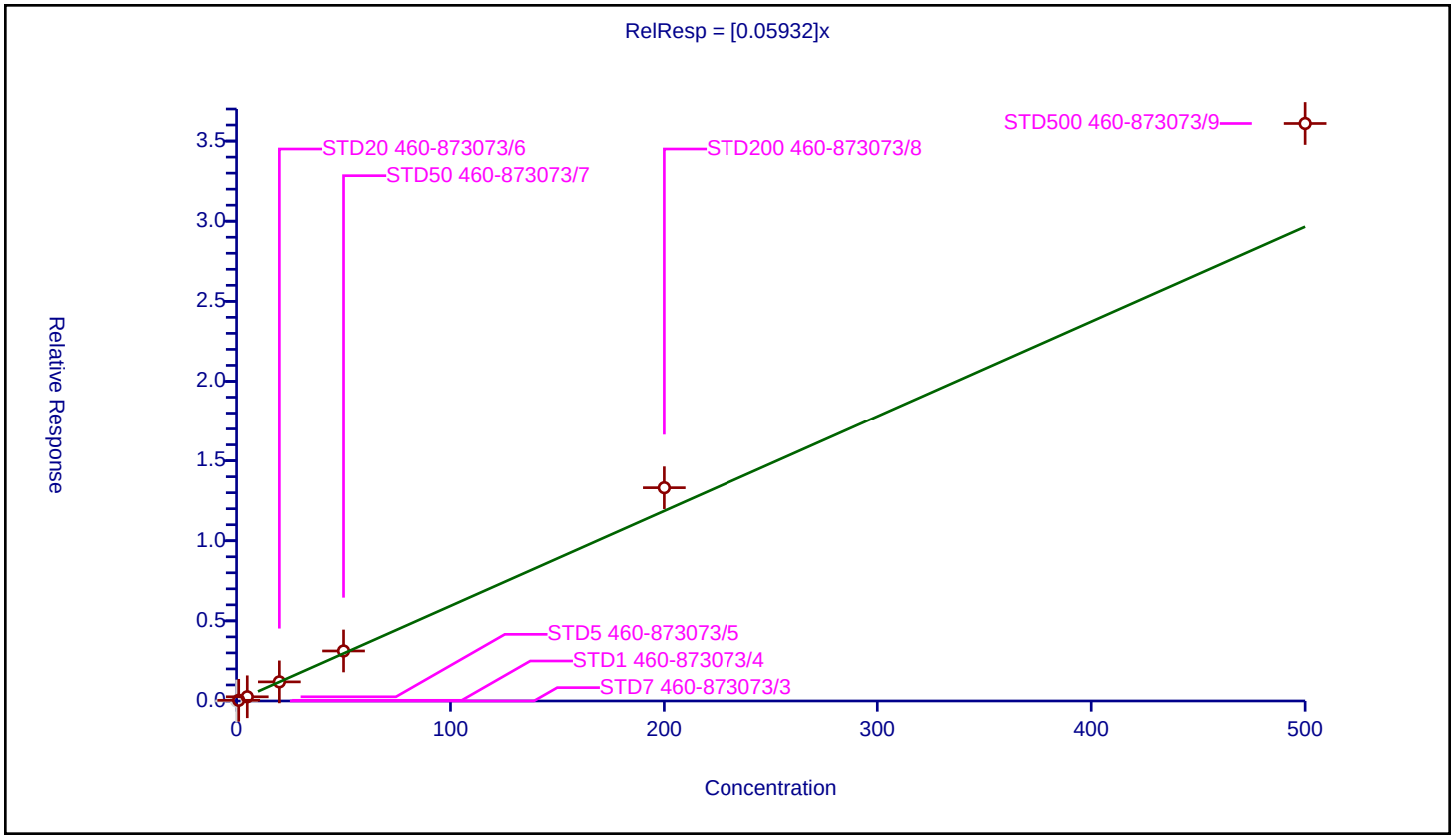
Curve Coefficients

Intercept:	0
Slope:	0.05932

Error Coefficients

Standard Error:	208000
Relative Standard Error:	17.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.042851	50.0	541414.0	0.042851	Y
3	STD5 460-873073/5	5.0	0.261485	50.0	550510.0	0.052297	Y
4	STD20 460-873073/6	20.0	1.192119	50.0	584715.0	0.059606	Y
5	STD50 460-873073/7	50.0	3.120147	50.0	605981.0	0.062403	Y
6	STD200 460-873073/8	200.0	13.311672	50.0	641685.0	0.066558	Y
7	STD500 460-873073/9	500.0	36.097238	50.0	597892.0	0.072194	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

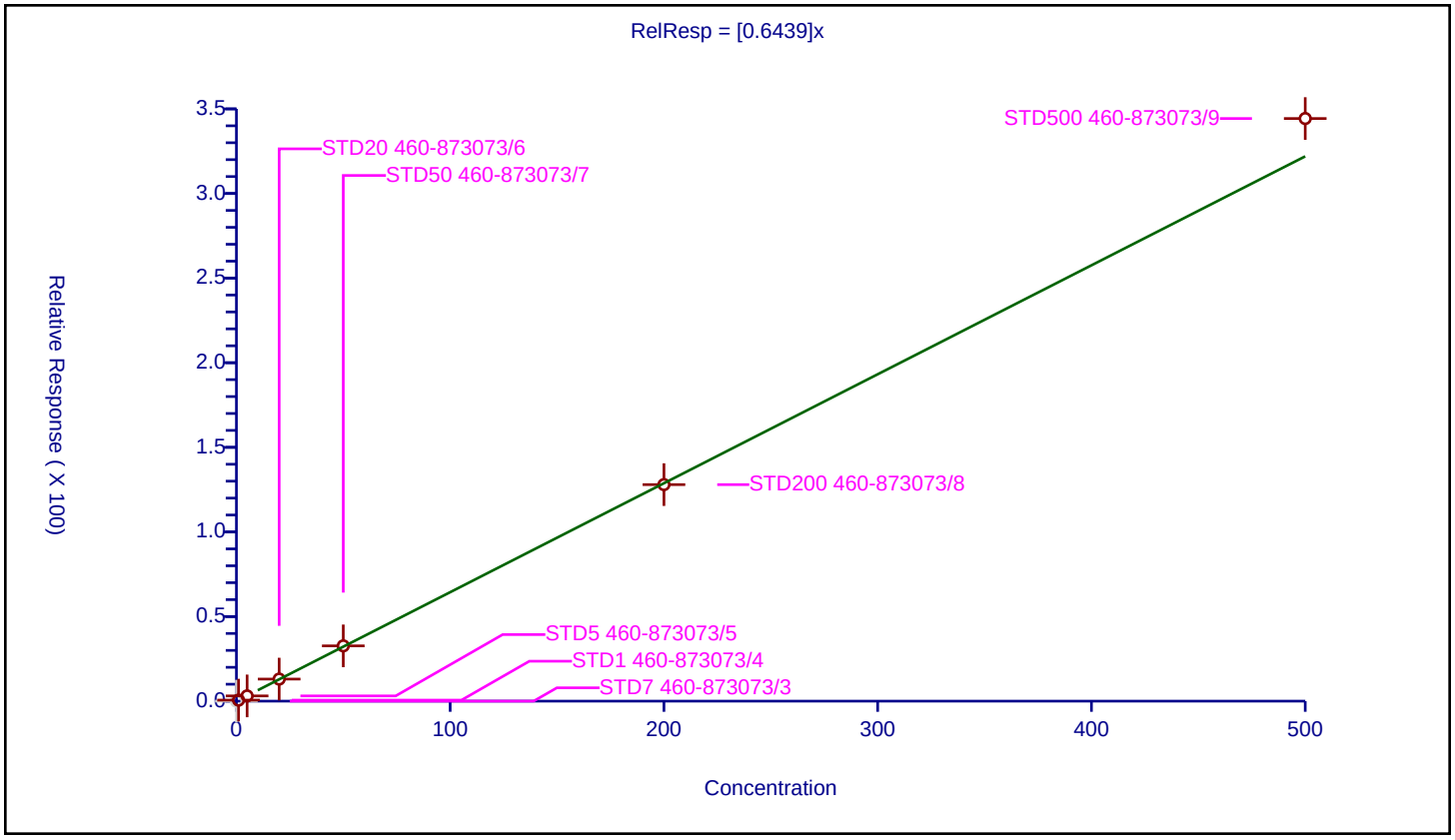
Curve Coefficients

Intercept:	0
Slope:	0.6439

Error Coefficients

Standard Error:	1990000
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 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.609238	50.0	541414.0	0.609238	Y
3	STD5 460-873073/5	5.0	3.100489	50.0	550510.0	0.620098	Y
4	STD20 460-873073/6	20.0	13.045159	50.0	584715.0	0.652258	Y
5	STD50 460-873073/7	50.0	32.672064	50.0	605981.0	0.653441	Y
6	STD200 460-873073/8	200.0	127.955539	50.0	641685.0	0.639778	Y
7	STD500 460-873073/9	500.0	344.300643	50.0	597892.0	0.688601	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

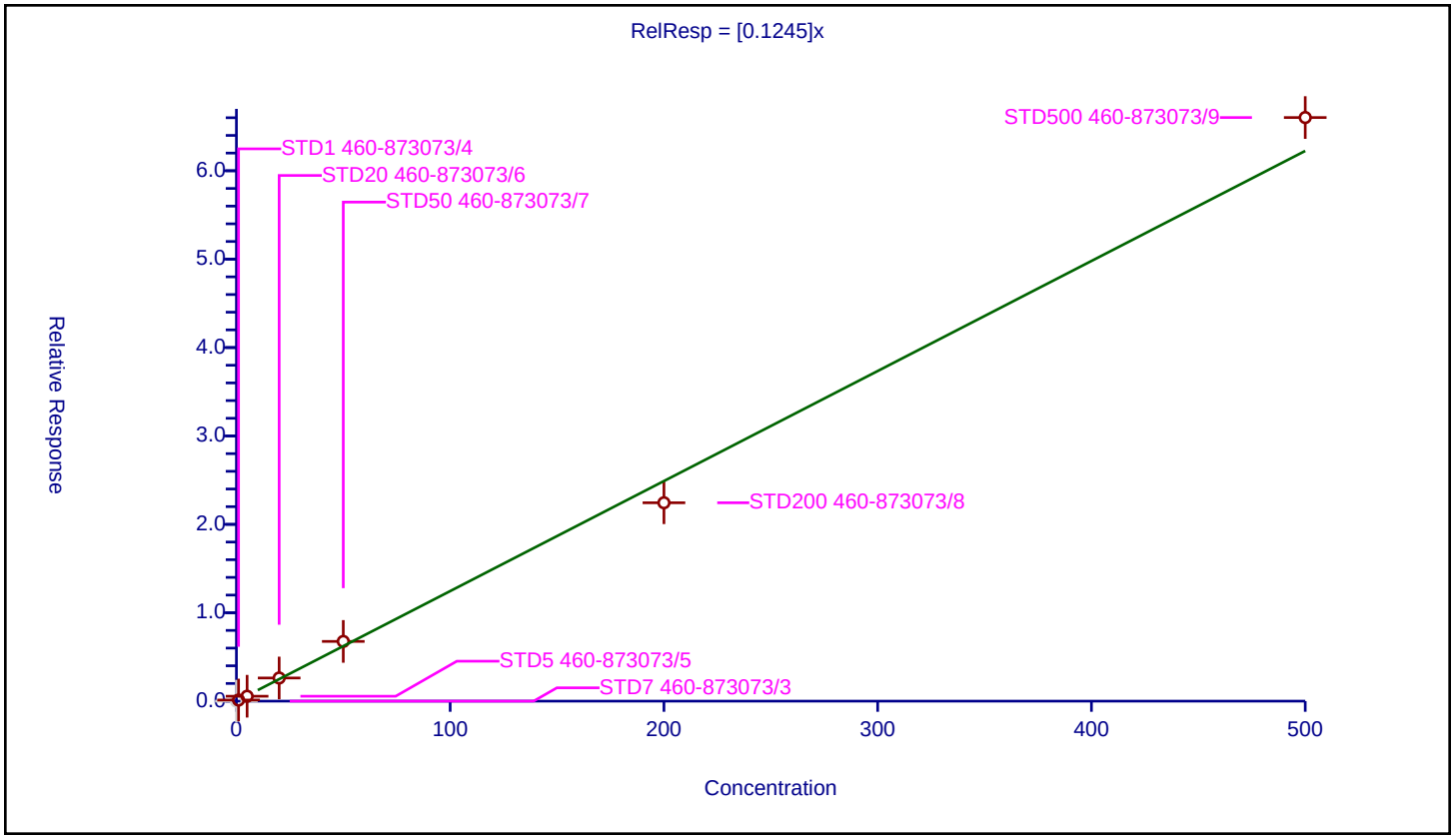
Curve Coefficients

Intercept:	0
Slope:	0.1245

Error Coefficients

Standard Error:	378000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.125505	50.0	541414.0	0.125505	Y
3	STD5 460-873073/5	5.0	0.555212	50.0	550510.0	0.111042	Y
4	STD20 460-873073/6	20.0	2.620507	50.0	584715.0	0.131025	Y
5	STD50 460-873073/7	50.0	6.755822	50.0	605981.0	0.135116	Y
6	STD200 460-873073/8	200.0	22.441774	50.0	641685.0	0.112209	Y
7	STD500 460-873073/9	500.0	66.020117	50.0	597892.0	0.13204	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

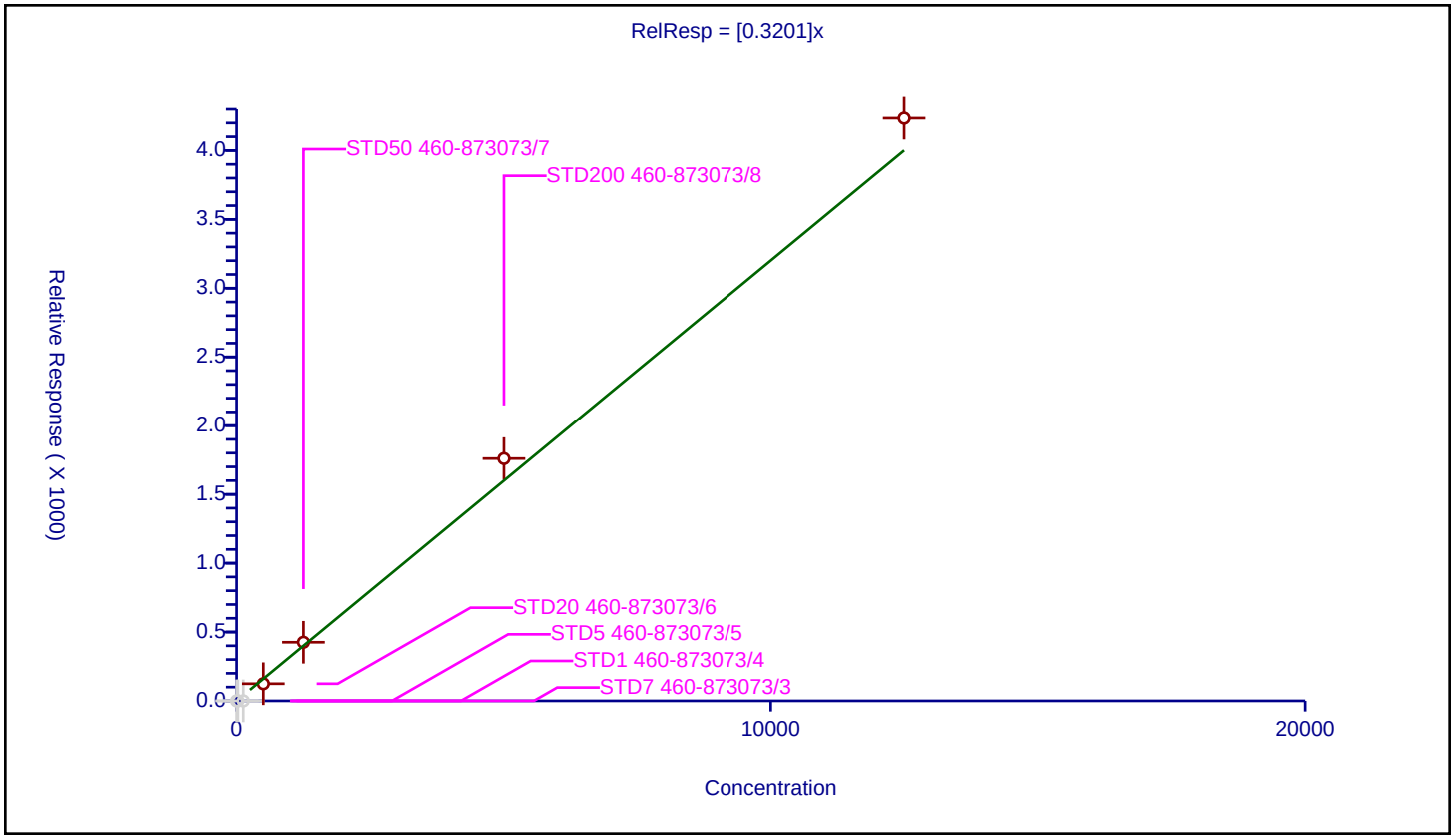
Curve Coefficients

Intercept:	0
Slope:	0.3201

Error Coefficients

Standard Error:	431000
Relative Standard Error:	15.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	95169.0	NaN	N
2	STD1 460-873073/4	25.0	0.0	1000.0	98967.0	0.0	N
3	STD5 460-873073/5	125.0	0.0	1000.0	94949.0	0.0	N
4	STD20 460-873073/6	500.0	124.376267	1000.0	102608.0	0.248753	Y
5	STD50 460-873073/7	1250.0	425.788236	1000.0	99526.0	0.340631	Y
6	STD200 460-873073/8	5000.0	1760.611806	1000.0	141352.0	0.352122	Y
7	STD500 460-873073/9	12500.0	4235.182756	1000.0	166917.0	0.338815	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

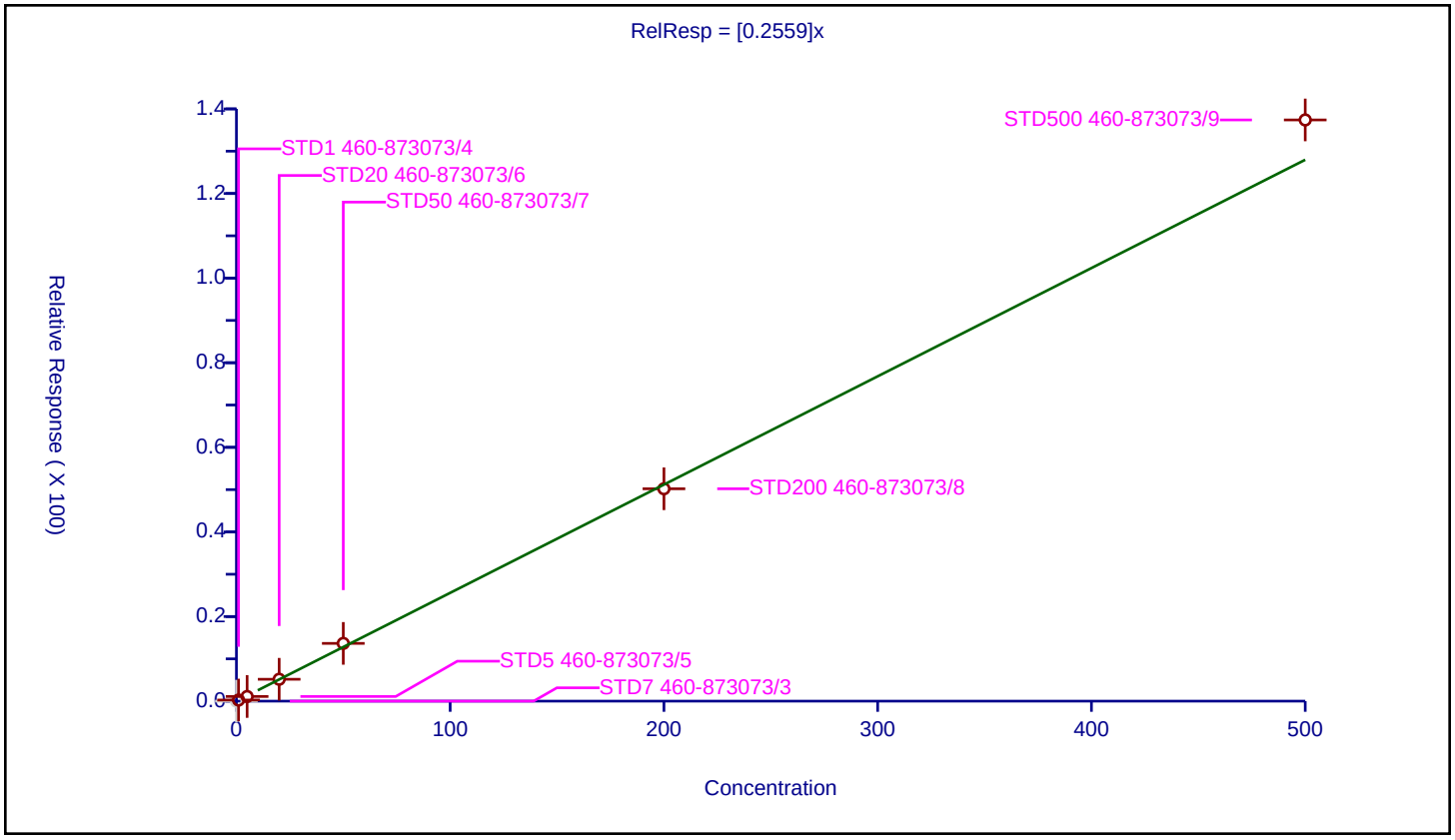
Curve Coefficients

Intercept:	0
Slope:	0.2559

Error Coefficients

Standard Error:	793000
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	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.258767	50.0	541414.0	0.258767	Y
3	STD5 460-873073/5	5.0	1.0978	50.0	550510.0	0.21956	Y
4	STD20 460-873073/6	20.0	5.169527	50.0	584715.0	0.258476	Y
5	STD50 460-873073/7	50.0	13.652491	50.0	605981.0	0.27305	Y
6	STD200 460-873073/8	200.0	50.203215	50.0	641685.0	0.251016	Y
7	STD500 460-873073/9	500.0	137.386351	50.0	597892.0	0.274773	Y



Calibration / Ethyl acrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

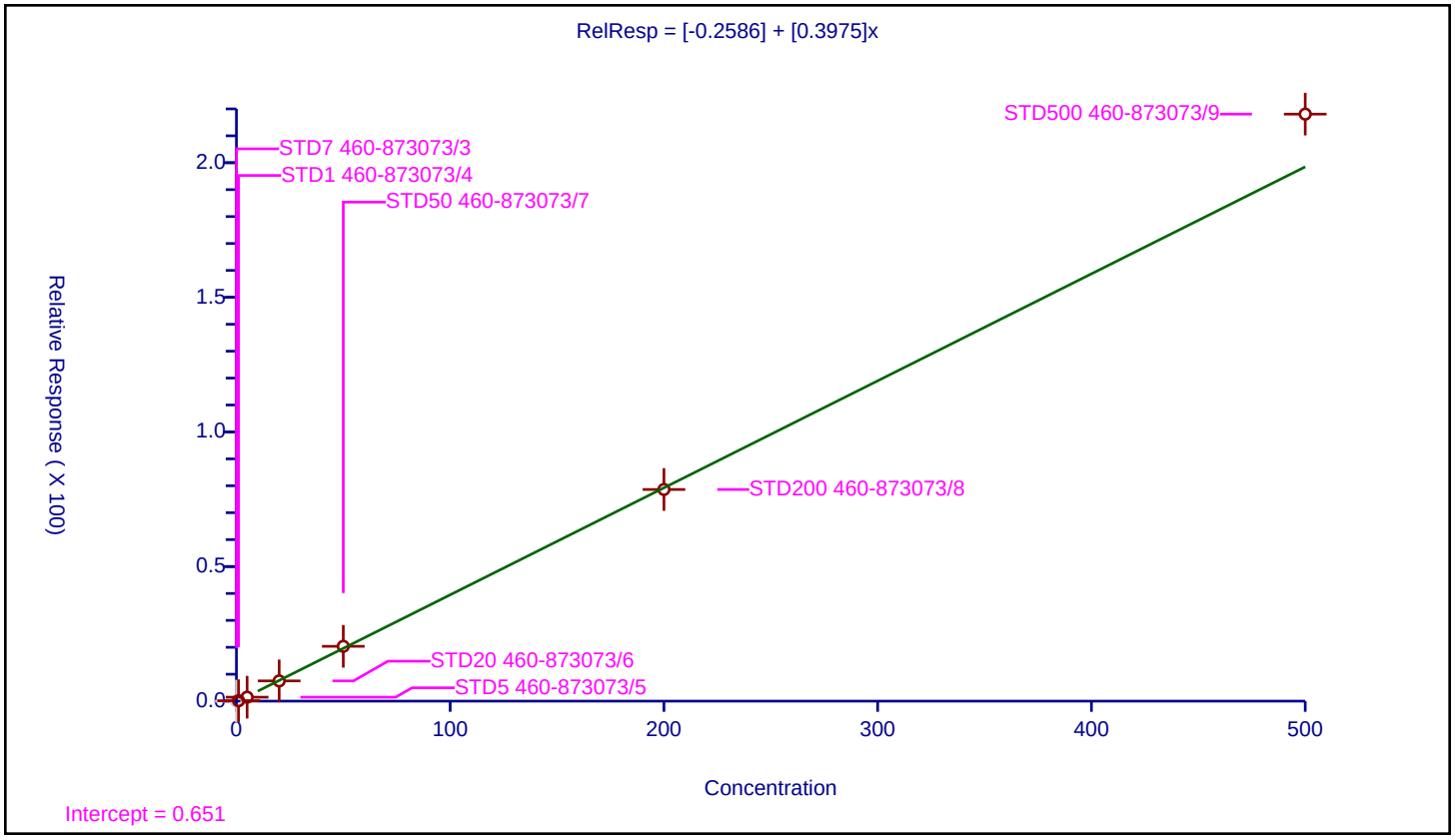
Curve Coefficients

Intercept:	-0.2586
Slope:	0.3975

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.149516	50.0	541414.0	0.149516	Y
3	STD5 460-873073/5	5.0	1.465459	50.0	550510.0	0.293092	Y
4	STD20 460-873073/6	20.0	7.510753	50.0	584715.0	0.375538	Y
5	STD50 460-873073/7	50.0	20.364582	50.0	605981.0	0.407292	Y
6	STD200 460-873073/8	200.0	78.62339	50.0	641685.0	0.393117	Y
7	STD500 460-873073/9	500.0	218.064132	50.0	597892.0	0.436128	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

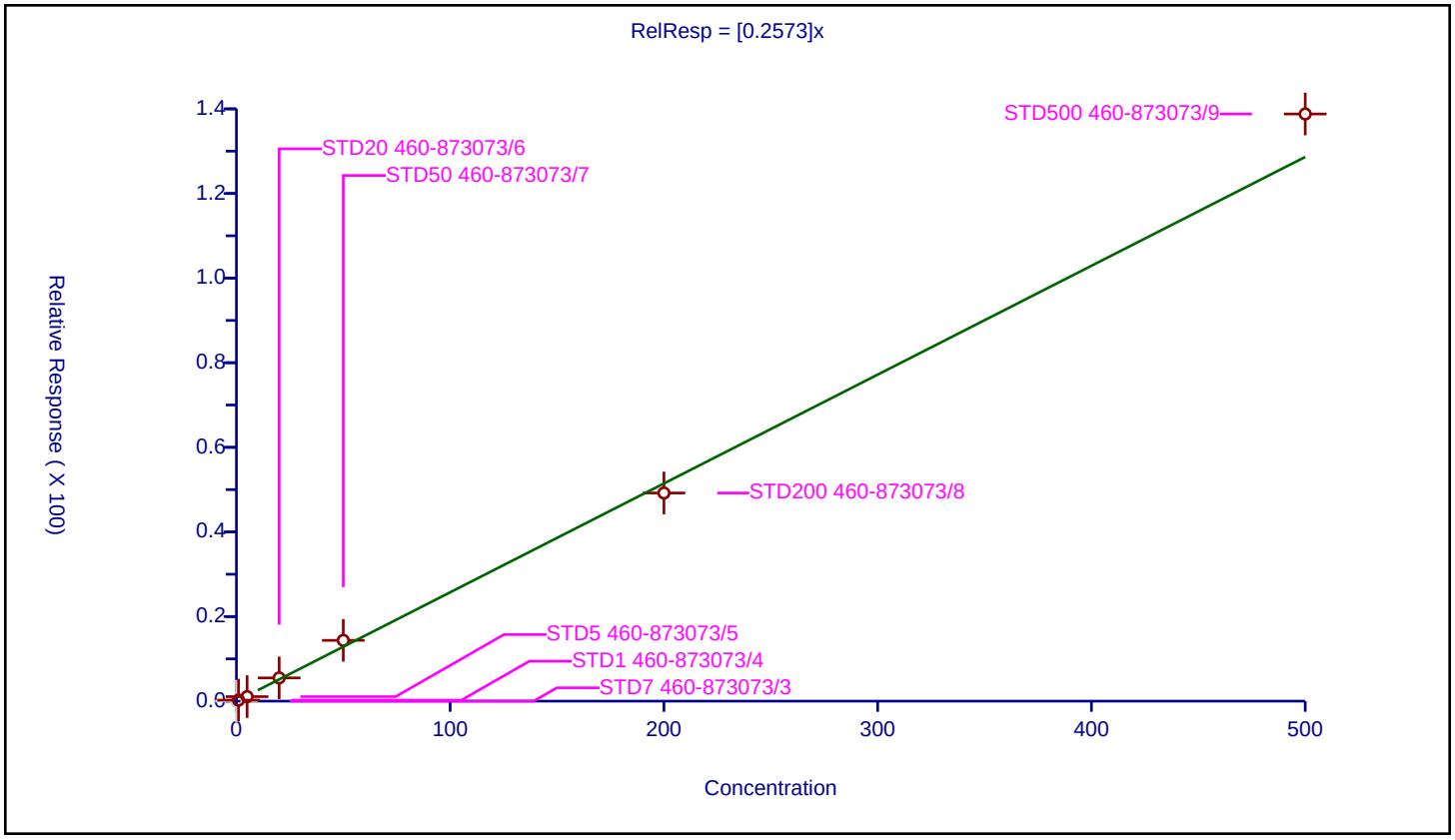
Curve Coefficients

Intercept:	0
Slope:	0.2573

Error Coefficients

Standard Error:	798000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.244268	50.0	541414.0	0.244268	Y
3	STD5 460-873073/5	5.0	1.0691	50.0	550510.0	0.21382	Y
4	STD20 460-873073/6	20.0	5.492505	50.0	584715.0	0.274625	Y
5	STD50 460-873073/7	50.0	14.36819	50.0	605981.0	0.287364	Y
6	STD200 460-873073/8	200.0	49.199607	50.0	641685.0	0.245998	Y
7	STD500 460-873073/9	500.0	138.790032	50.0	597892.0	0.27758	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

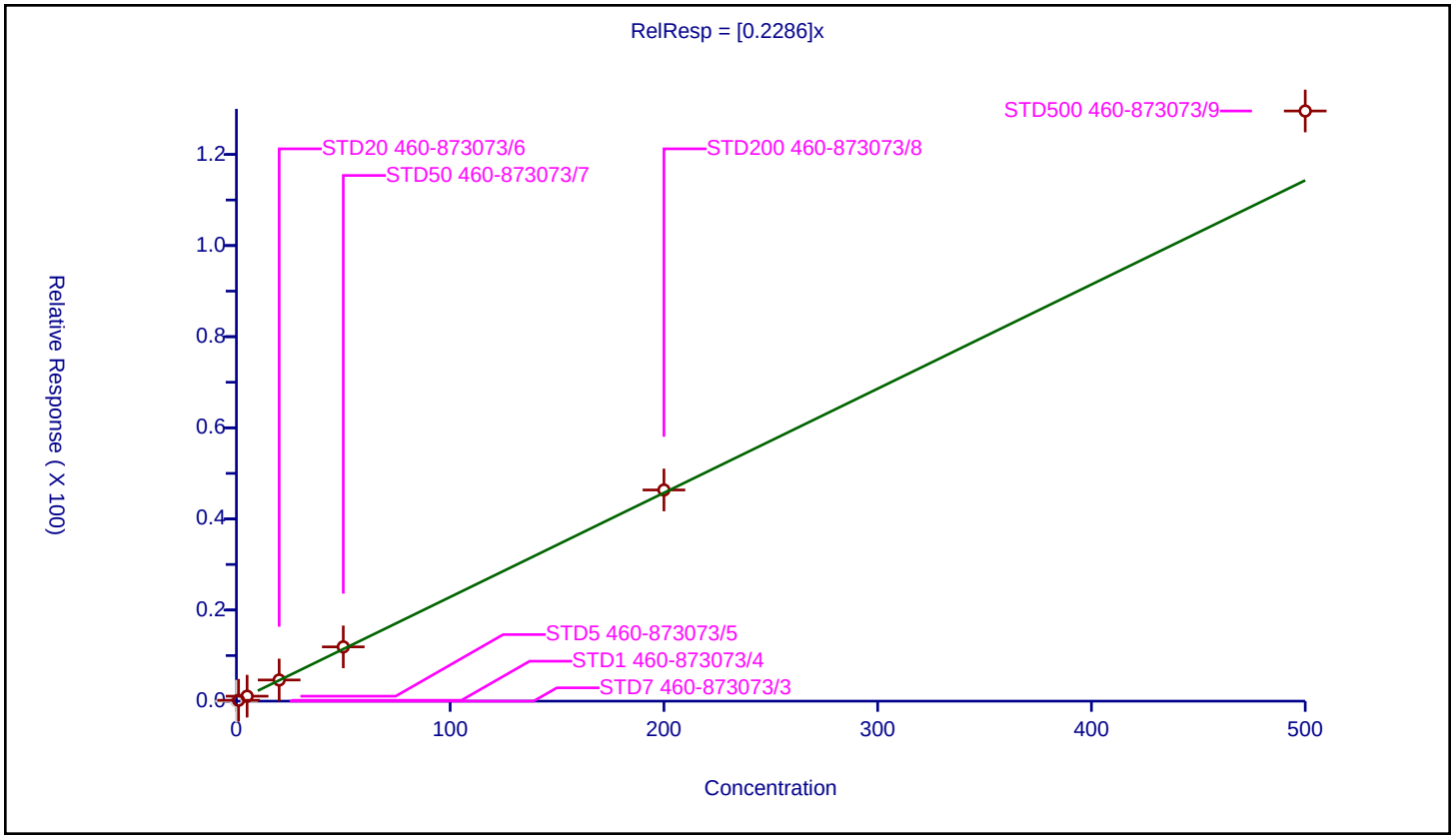
Curve Coefficients

Intercept:	0
Slope:	0.2286

Error Coefficients

Standard Error:	745000
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	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.19209	50.0	541414.0	0.19209	Y
3	STD5 460-873073/5	5.0	1.09117	50.0	550510.0	0.218234	Y
4	STD20 460-873073/6	20.0	4.647649	50.0	584715.0	0.232382	Y
5	STD50 460-873073/7	50.0	11.909697	50.0	605981.0	0.238194	Y
6	STD200 460-873073/8	200.0	46.353039	50.0	641685.0	0.231765	Y
7	STD500 460-873073/9	500.0	129.537525	50.0	597892.0	0.259075	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

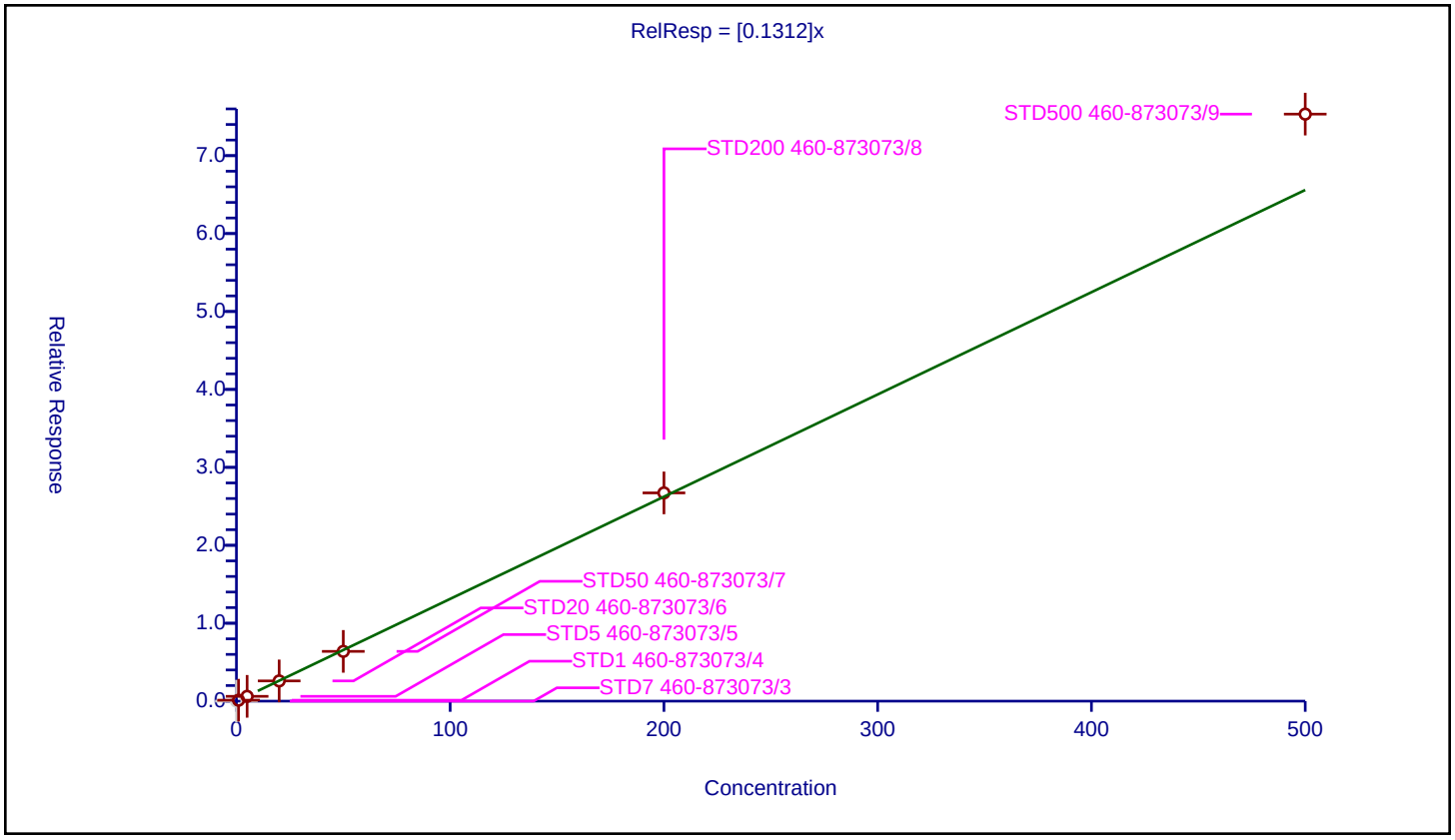
Curve Coefficients

Intercept:	0
Slope:	0.1312

Error Coefficients

Standard Error:	433000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.12218	50.0	541414.0	0.12218	Y
3	STD5 460-873073/5	5.0	0.616156	50.0	550510.0	0.123231	Y
4	STD20 460-873073/6	20.0	2.594768	50.0	584715.0	0.129738	Y
5	STD50 460-873073/7	50.0	6.385101	50.0	605981.0	0.127702	Y
6	STD200 460-873073/8	200.0	26.721211	50.0	641685.0	0.133606	Y
7	STD500 460-873073/9	500.0	75.330829	50.0	597892.0	0.150662	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

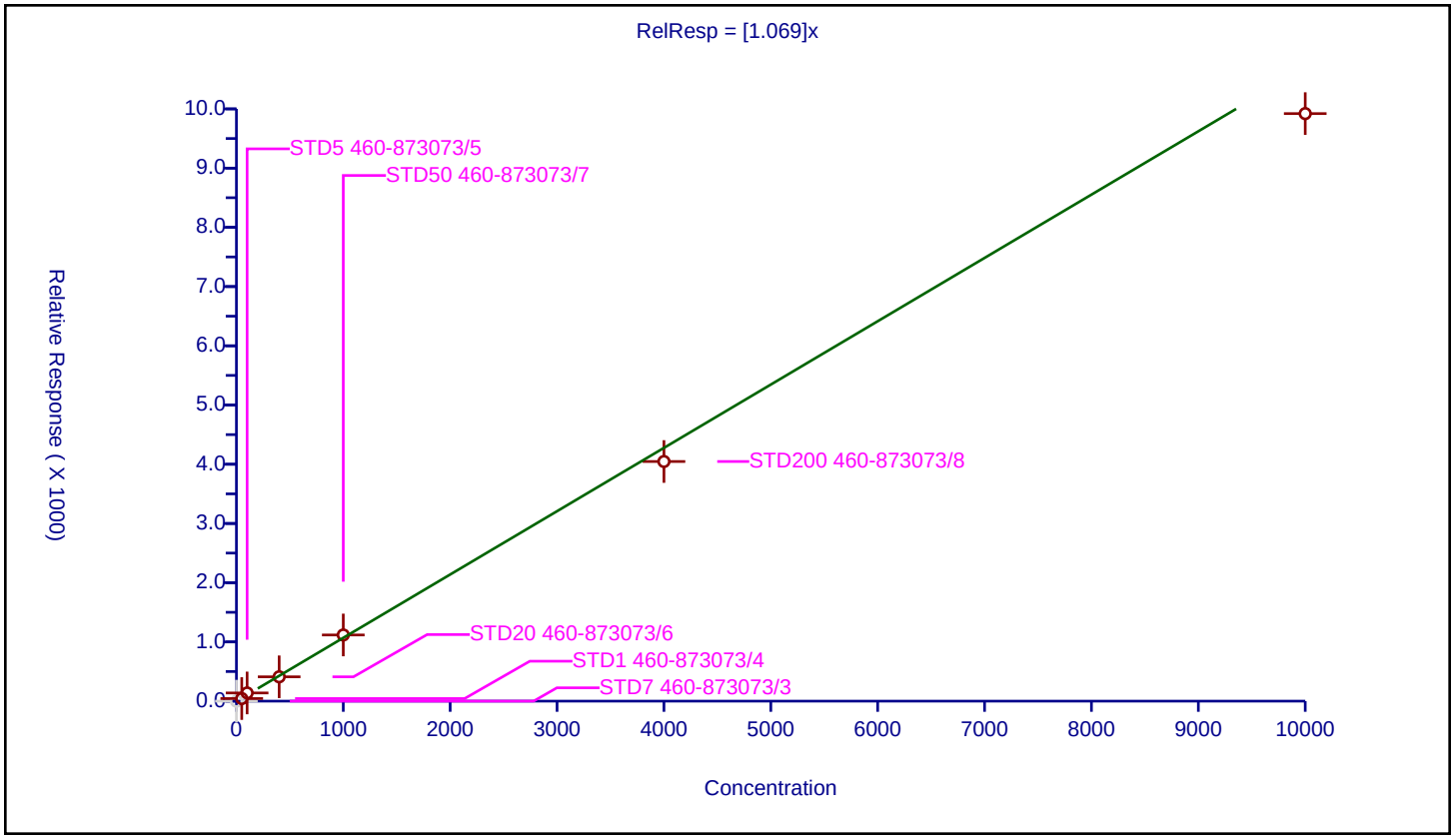
Curve Coefficients

Intercept:	0
Slope:	1.069

Error Coefficients

Standard Error:	161000
Relative Standard Error:	16.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	1000.0	22908.0	NaN	N
2	STD1 460-873073/4	50.000062	44.044909	1000.0	25474.0	0.880897	Y
3	STD5 460-873073/5	100.0	138.502263	1000.0	23422.0	1.385023	Y
4	STD20 460-873073/6	400.0	410.986381	1000.0	28417.0	1.027466	Y
5	STD50 460-873073/7	1000.0	1117.4535	1000.0	28871.0	1.117454	Y
6	STD200 460-873073/8	4000.0	4046.117762	1000.0	32829.0	1.011529	Y
7	STD500 460-873073/9	10000.0	9920.499078	1000.0	34704.0	0.99205	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

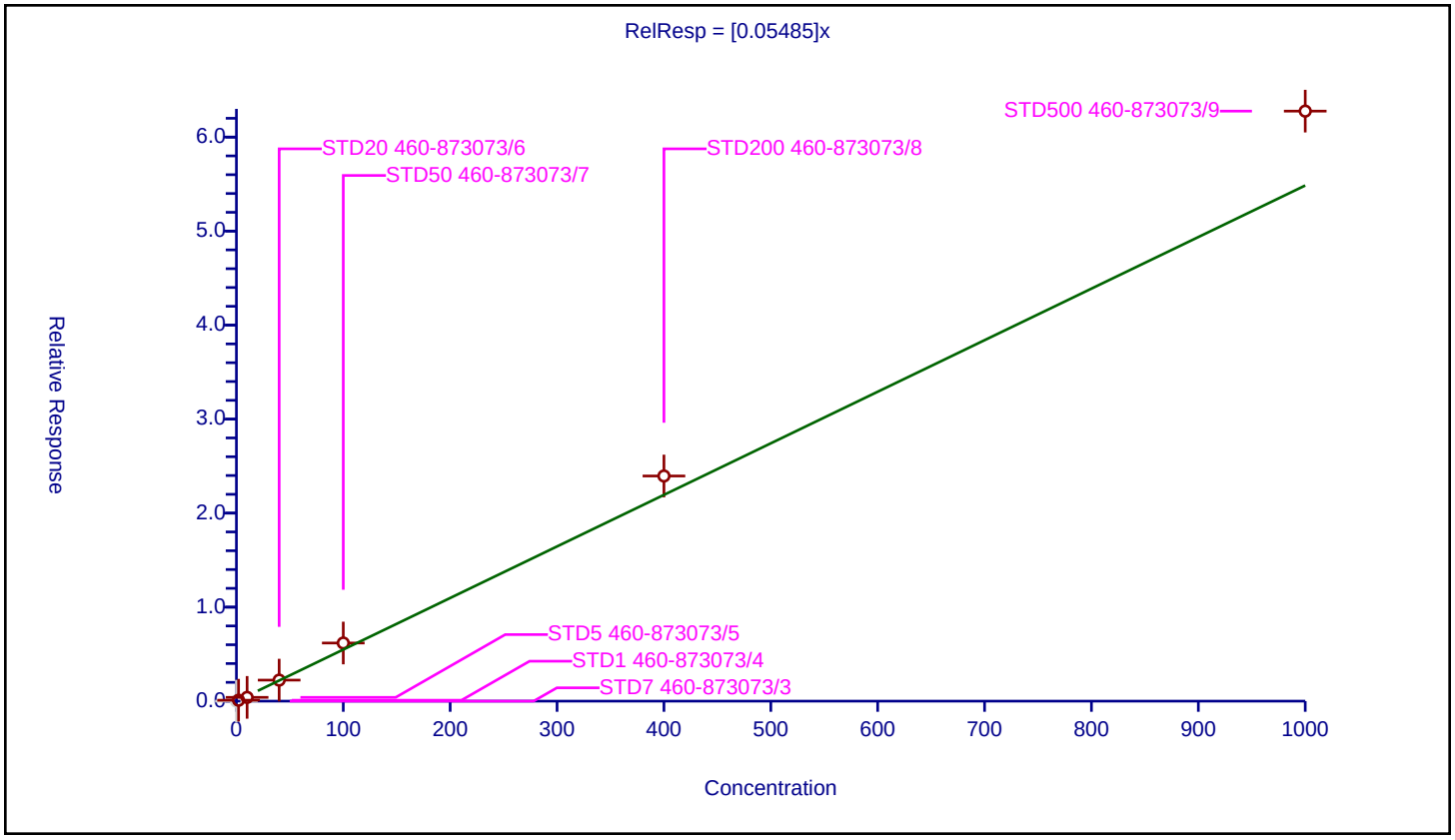
Curve Coefficients

Intercept:	0
Slope:	0.05485

Error Coefficients

Standard Error:	364000
Relative Standard Error:	16.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	2.0	0.097338	50.0	541414.0	0.048669	Y
3	STD5 460-873073/5	10.0	0.400447	50.0	550510.0	0.040045	Y
4	STD20 460-873073/6	40.0	2.237073	50.0	584715.0	0.055927	Y
5	STD50 460-873073/7	100.0	6.18229	50.0	605981.0	0.061823	Y
6	STD200 460-873073/8	400.0	23.951238	50.0	641685.0	0.059878	Y
7	STD500 460-873073/9	1000.0	62.762589	50.0	597892.0	0.062763	Y



Calibration / n-Propyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

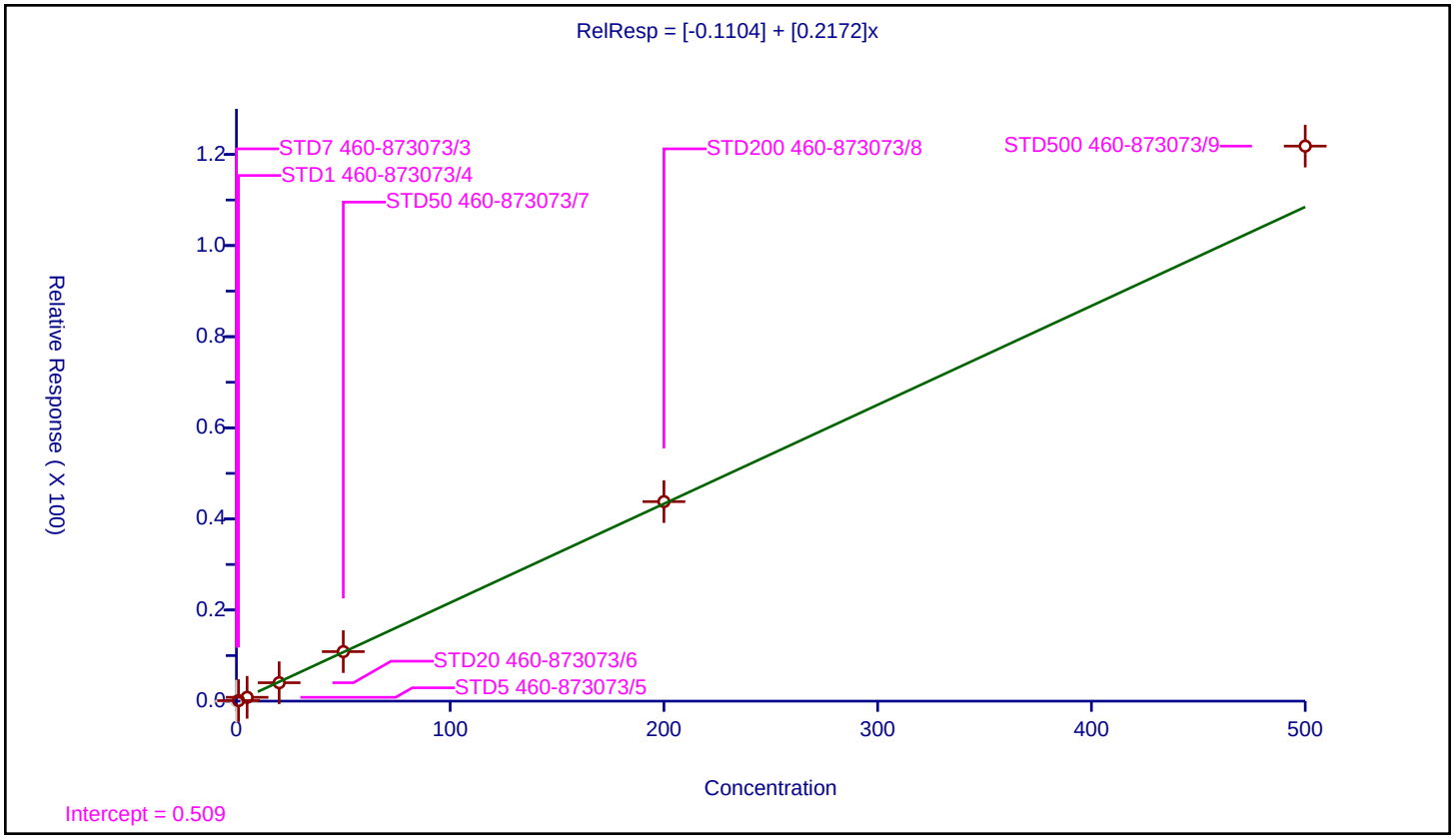
Curve Coefficients

Intercept:	-0.1104
Slope:	0.2172

Error Coefficients

Standard Error:	784000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.112668	50.0	541414.0	0.112668	Y
3	STD5 460-873073/5	5.0	0.836134	50.0	550510.0	0.167227	Y
4	STD20 460-873073/6	20.0	4.041798	50.0	584715.0	0.20209	Y
5	STD50 460-873073/7	50.0	10.868575	50.0	605981.0	0.217372	Y
6	STD200 460-873073/8	200.0	43.799684	50.0	641685.0	0.218998	Y
7	STD500 460-873073/9	500.0	121.830448	50.0	597892.0	0.243661	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

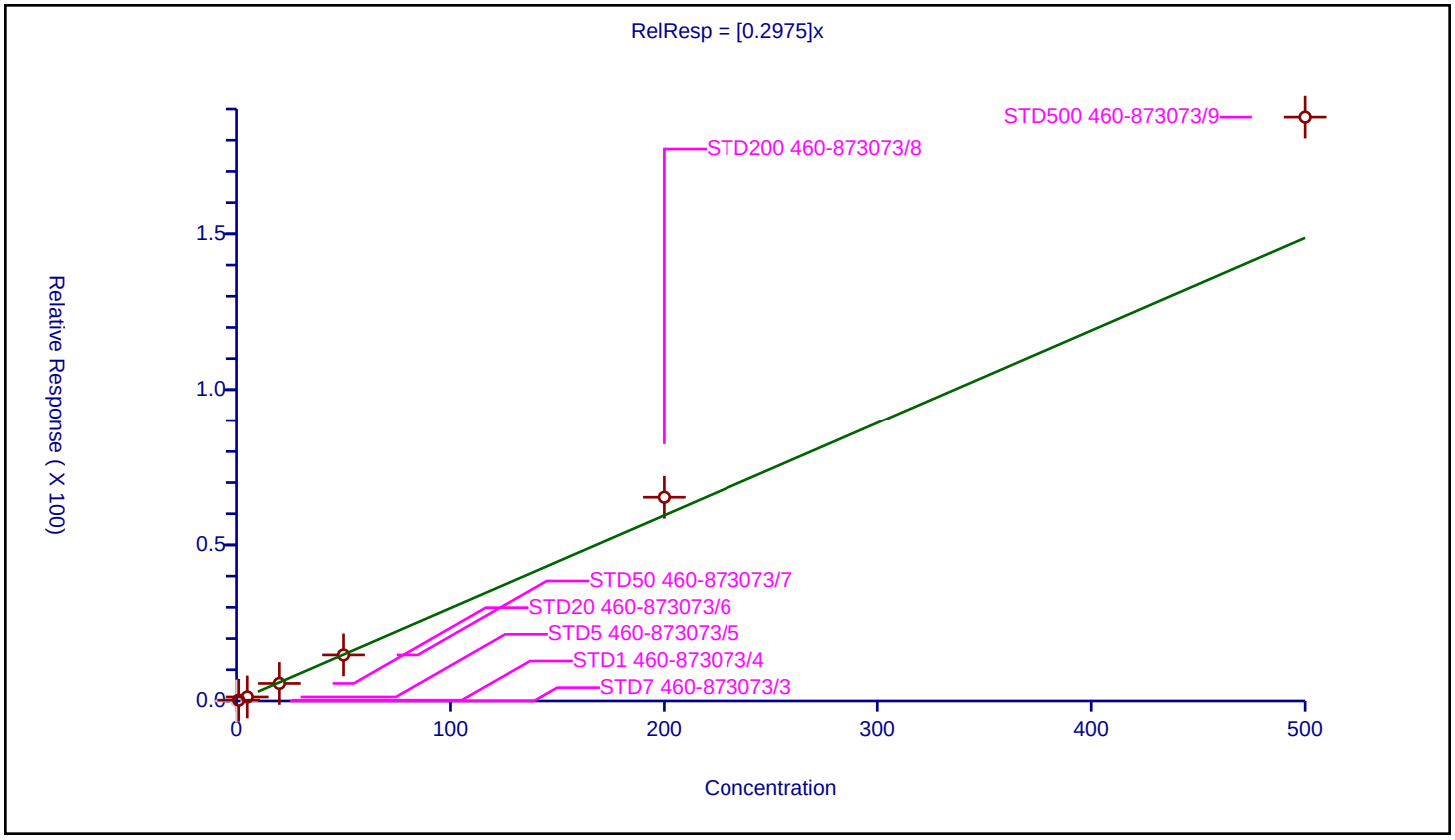
Curve Coefficients

Intercept:	0
Slope:	0.2975

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0	0.249347	50.0	541414.0	0.249347	Y
3	STD5 460-873073/5	5.0	1.290167	50.0	550510.0	0.258033	Y
4	STD20 460-873073/6	20.0	5.618207	50.0	584715.0	0.28091	Y
5	STD50 460-873073/7	50.0	14.762592	50.0	605981.0	0.295252	Y
6	STD200 460-873073/8	200.0	65.290914	50.0	641685.0	0.326455	Y
7	STD500 460-873073/9	500.0	187.409348	50.0	597892.0	0.374819	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

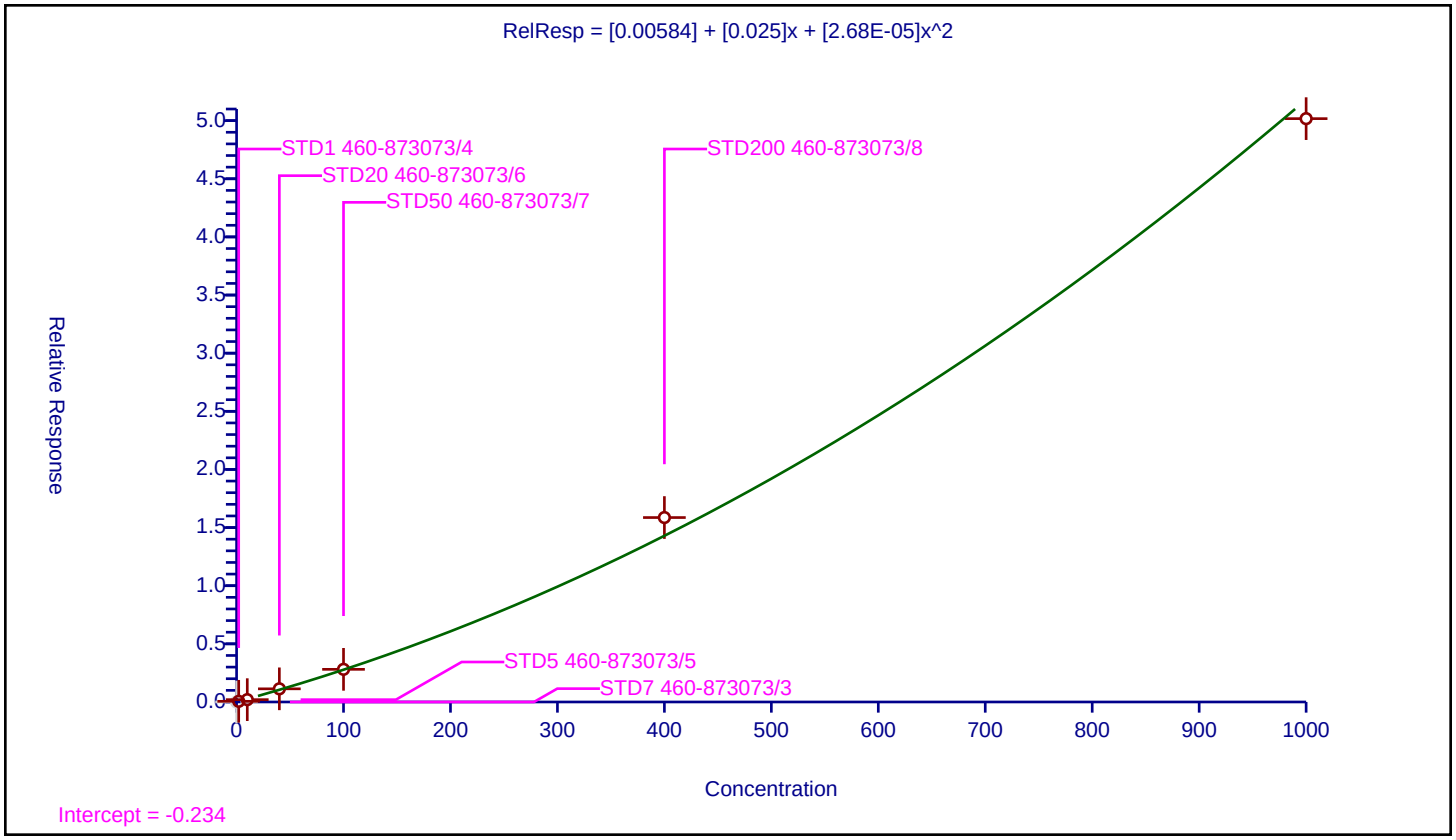
Curve Coefficients

Intercept:	0.00584
Slope:	0.025
Second Order:	2.68E-05

Error Coefficients

Standard Error:	366000
Relative Standard Error:	14.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	2.0	0.057996	50.0	541414.0	0.028998	Y
3	STD5 460-873073/5	10.0	0.200814	50.0	550510.0	0.020081	Y
4	STD20 460-873073/6	40.0	1.132945	50.0	584715.0	0.028324	Y
5	STD50 460-873073/7	100.0	2.808339	50.0	605981.0	0.028083	Y
6	STD200 460-873073/8	400.0	15.863547	50.0	641685.0	0.039659	Y
7	STD500 460-873073/9	1000.0	50.17177	50.0	597892.0	0.050172	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

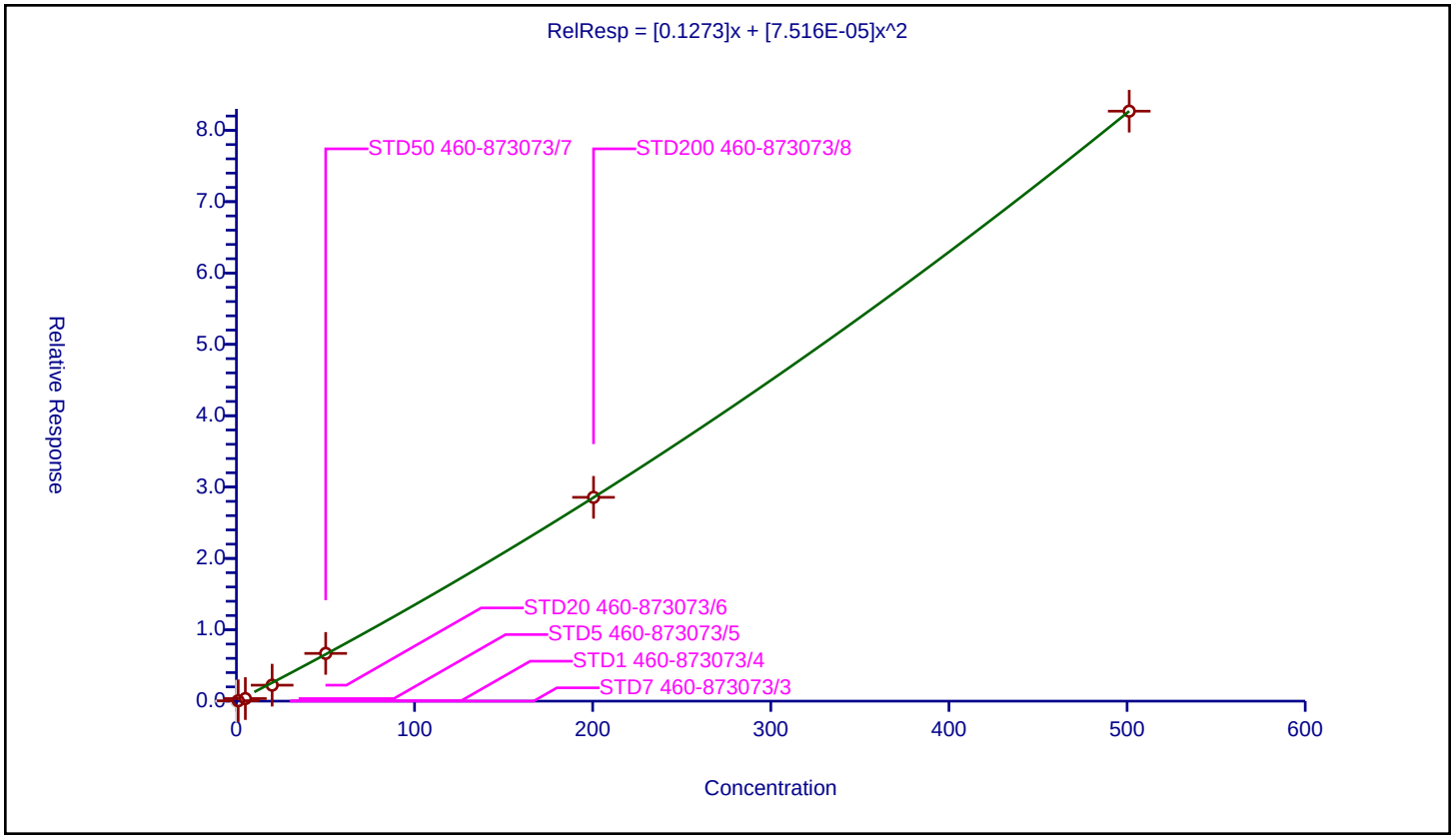
Curve Coefficients

Intercept:	0
Slope:	0.1273
Second Order:	7.516E-05

Error Coefficients

Standard Error:	529000
Relative Standard Error:	38.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	515697.0	NaN	N
2	STD1 460-873073/4	1.0024	0.0495	50.0	541414.0	0.049381	Y
3	STD5 460-873073/5	5.012	0.361301	50.0	550510.0	0.072087	Y
4	STD20 460-873073/6	20.048	2.235961	50.0	584715.0	0.11153	Y
5	STD50 460-873073/7	50.12	6.692041	50.0	605981.0	0.13352	Y
6	STD200 460-873073/8	200.48	28.56456	50.0	641685.0	0.142481	Y
7	STD500 460-873073/9	501.2	82.682324	50.0	597892.0	0.164969	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

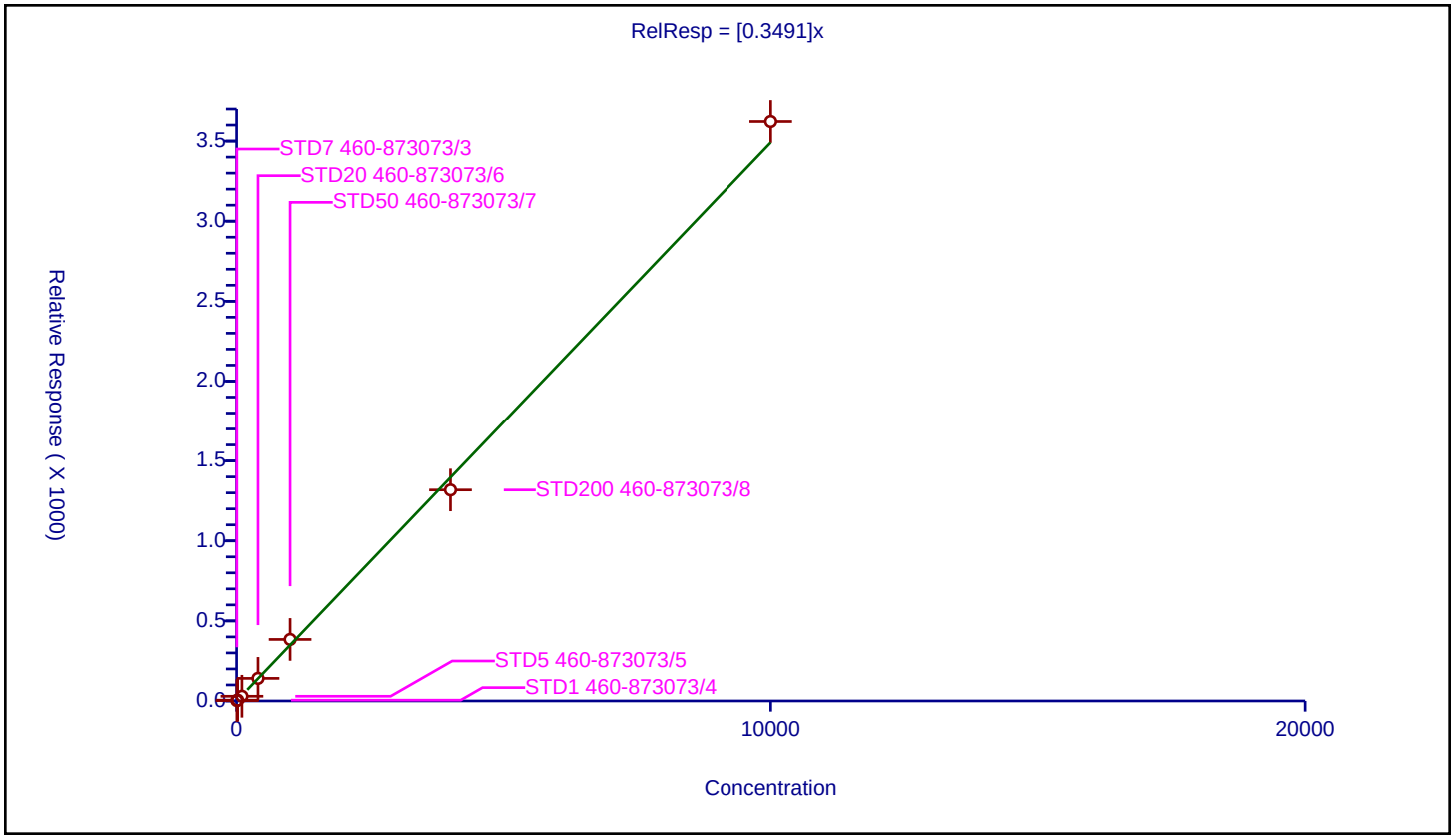
Curve Coefficients

Intercept:	0
Slope:	0.3491

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	19.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	5.000009	2.329975	250.0	98177.0	0.465994	Y
2	STD1 460-873073/4	20.000035	5.127534	250.0	108873.0	0.256376	Y
3	STD5 460-873073/5	100.000173	29.298096	250.0	110357.0	0.29298	Y
4	STD20 460-873073/6	400.000692	141.080821	250.0	126626.0	0.352701	Y
5	STD50 460-873073/7	1000.00173	384.052756	250.0	125749.0	0.384052	Y
6	STD200 460-873073/8	4000.00692	1318.492942	250.0	180723.0	0.329623	Y
7	STD500 460-873073/9	10000.0173	3622.103985	250.0	176622.0	0.36221	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

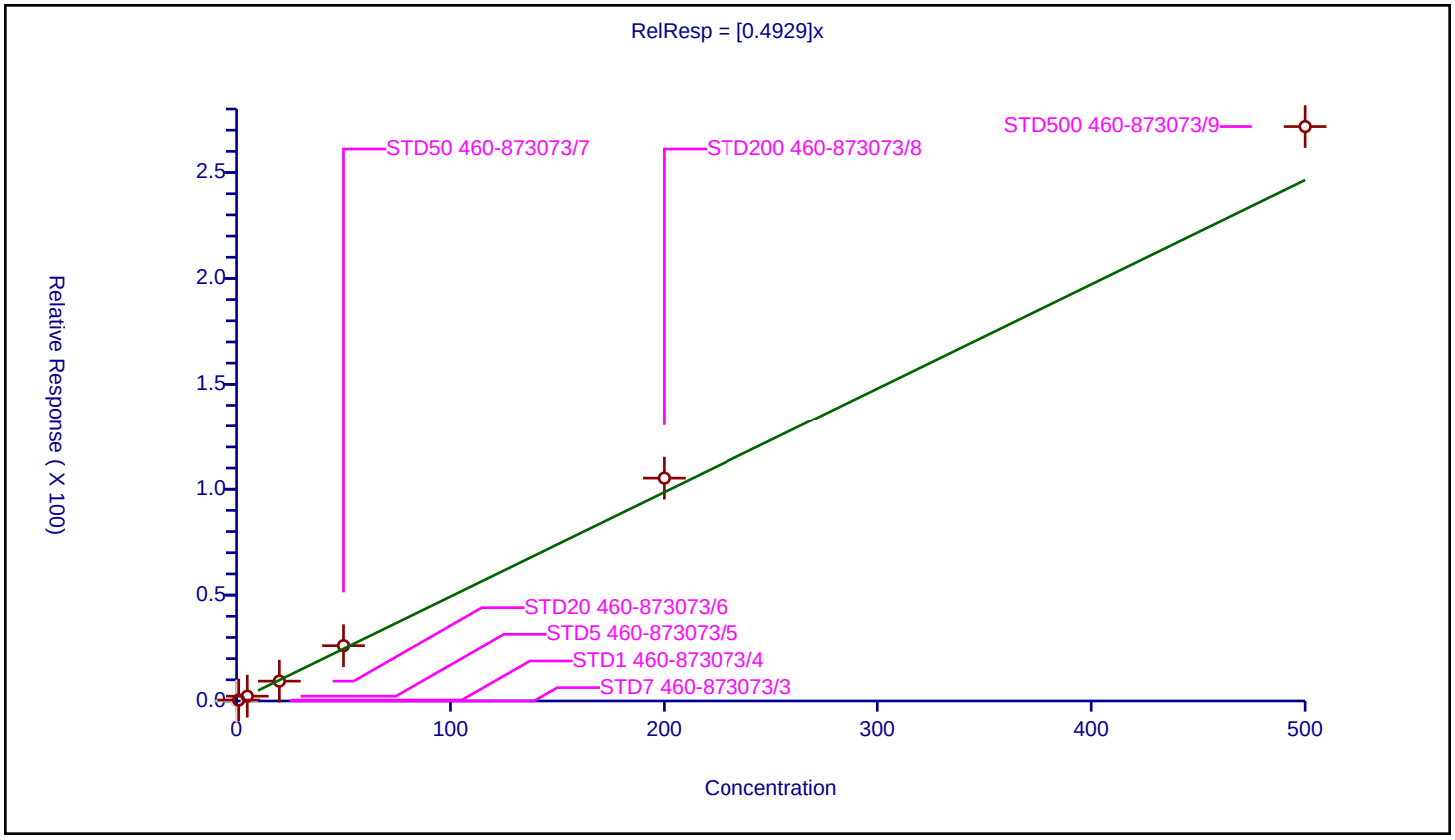
Curve Coefficients

Intercept:	0
Slope:	0.4929

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.443377	50.0	403720.0	0.443377	Y
3	STD5 460-873073/5	5.0	2.267914	50.0	373934.0	0.453583	Y
4	STD20 460-873073/6	20.0	9.376821	50.0	458103.0	0.468841	Y
5	STD50 460-873073/7	50.0	26.111435	50.0	472812.0	0.522229	Y
6	STD200 460-873073/8	200.0	105.232236	50.0	515726.0	0.526161	Y
7	STD500 460-873073/9	500.0	271.7188	50.0	521067.0	0.543438	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

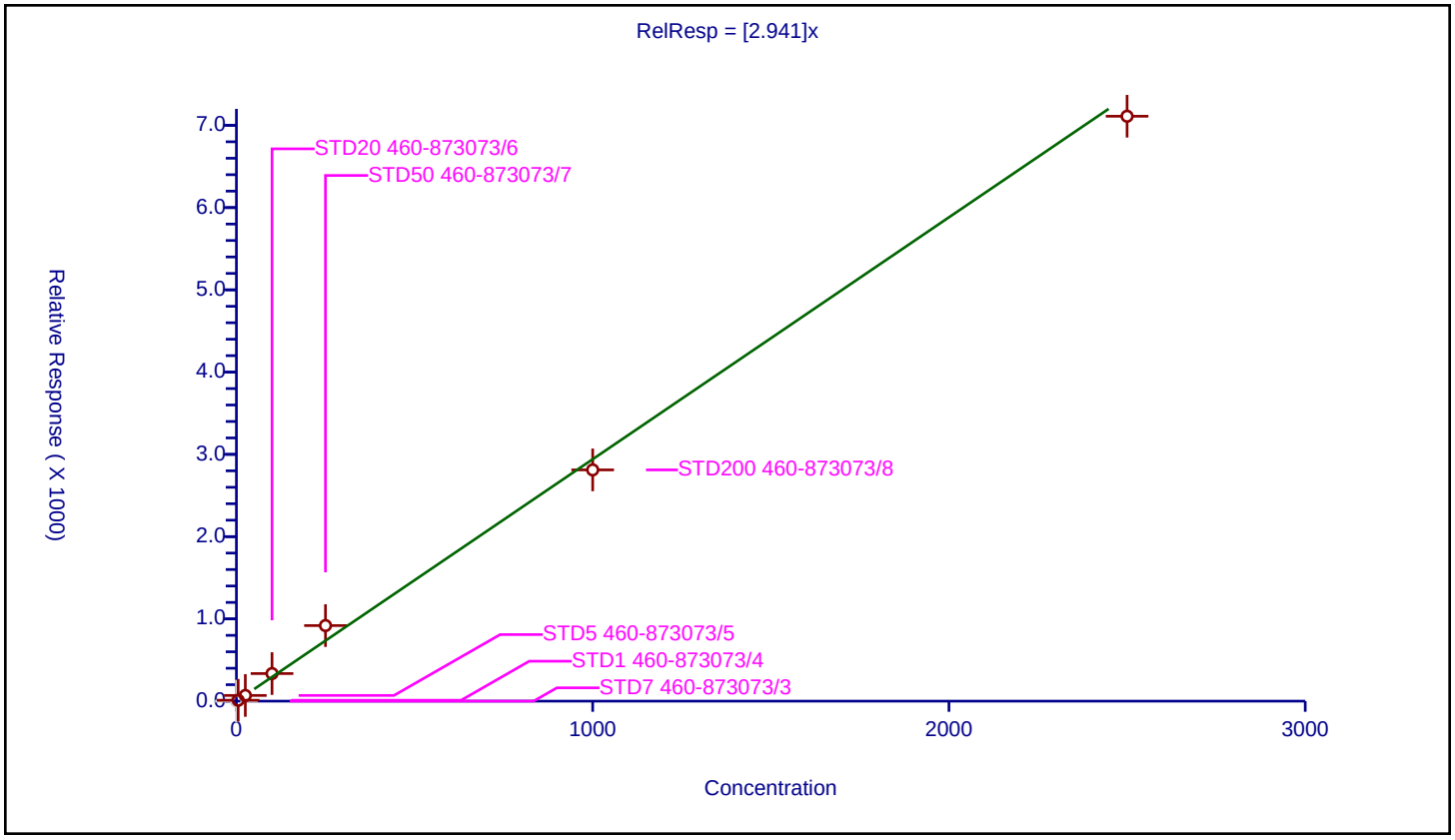
Curve Coefficients

Intercept:	0
Slope:	2.941

Error Coefficients

Standard Error:	2430000
Relative Standard Error:	17.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	5.0	10.976091	250.0	108873.0	2.195218	Y
3	STD5 460-873073/5	25.0	69.164167	250.0	110357.0	2.766567	Y
4	STD20 460-873073/6	100.0	335.270797	250.0	126626.0	3.352708	Y
5	STD50 460-873073/7	250.0	918.808499	250.0	125749.0	3.675234	Y
6	STD200 460-873073/8	1000.0	2811.220763	250.0	180723.0	2.811221	Y
7	STD500 460-873073/9	2500.0	7110.593527	250.0	176622.0	2.844237	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

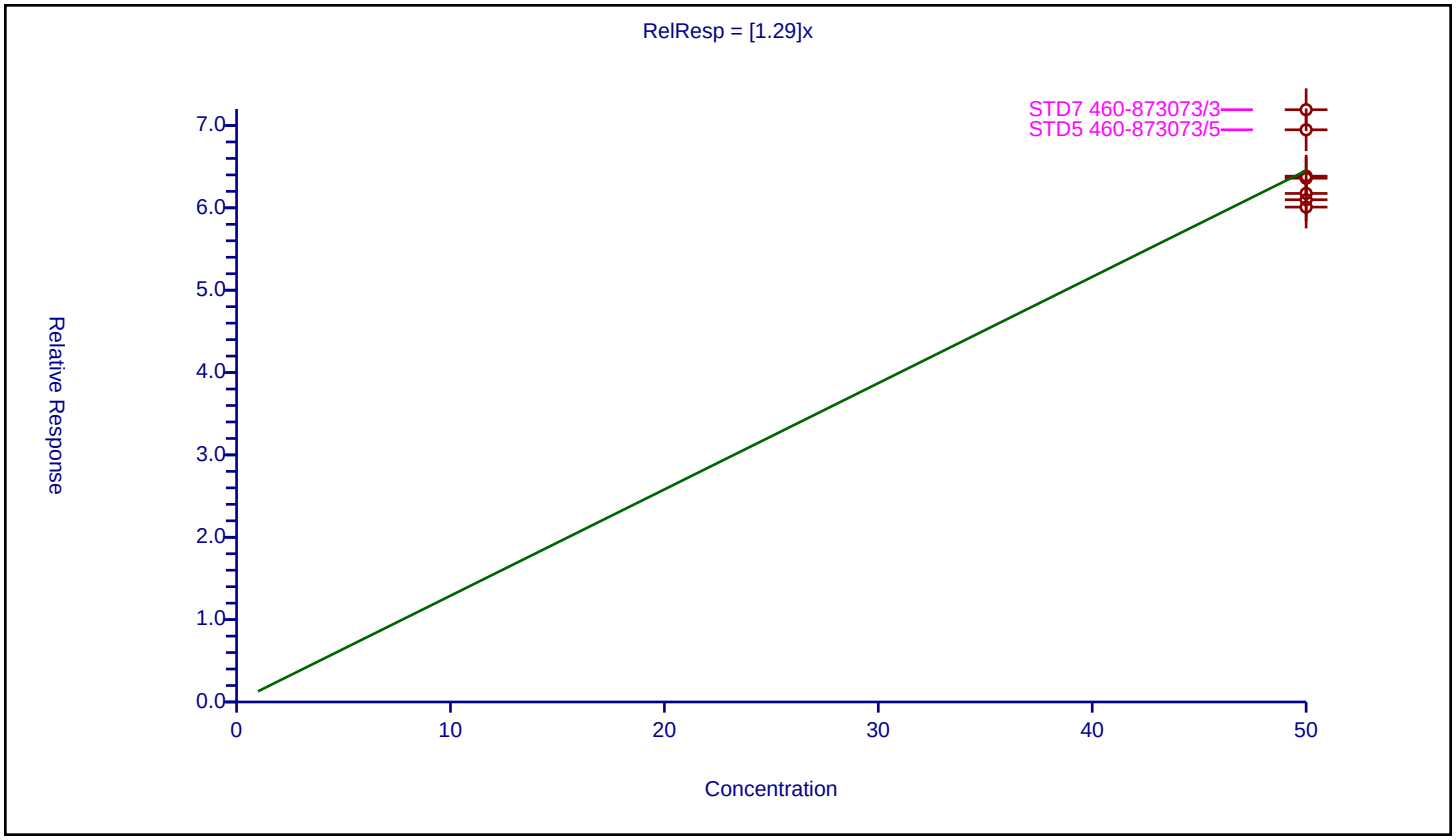
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Standard Error:	614000
Relative Standard Error:	6.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	50.0	71.91703	50.0	351163.0	1.438341	Y
2	STD1 460-873073/4	50.0	63.848088	50.0	403720.0	1.276962	Y
3	STD5 460-873073/5	50.0	69.478437	50.0	373934.0	1.389569	Y
4	STD20 460-873073/6	50.0	63.594759	50.0	458103.0	1.271895	Y
5	STD50 460-873073/7	50.0	61.747375	50.0	472812.0	1.234948	Y
6	STD200 460-873073/8	50.0	60.09092	50.0	515726.0	1.201818	Y
7	STD500 460-873073/9	50.0	60.987742	50.0	521067.0	1.219755	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

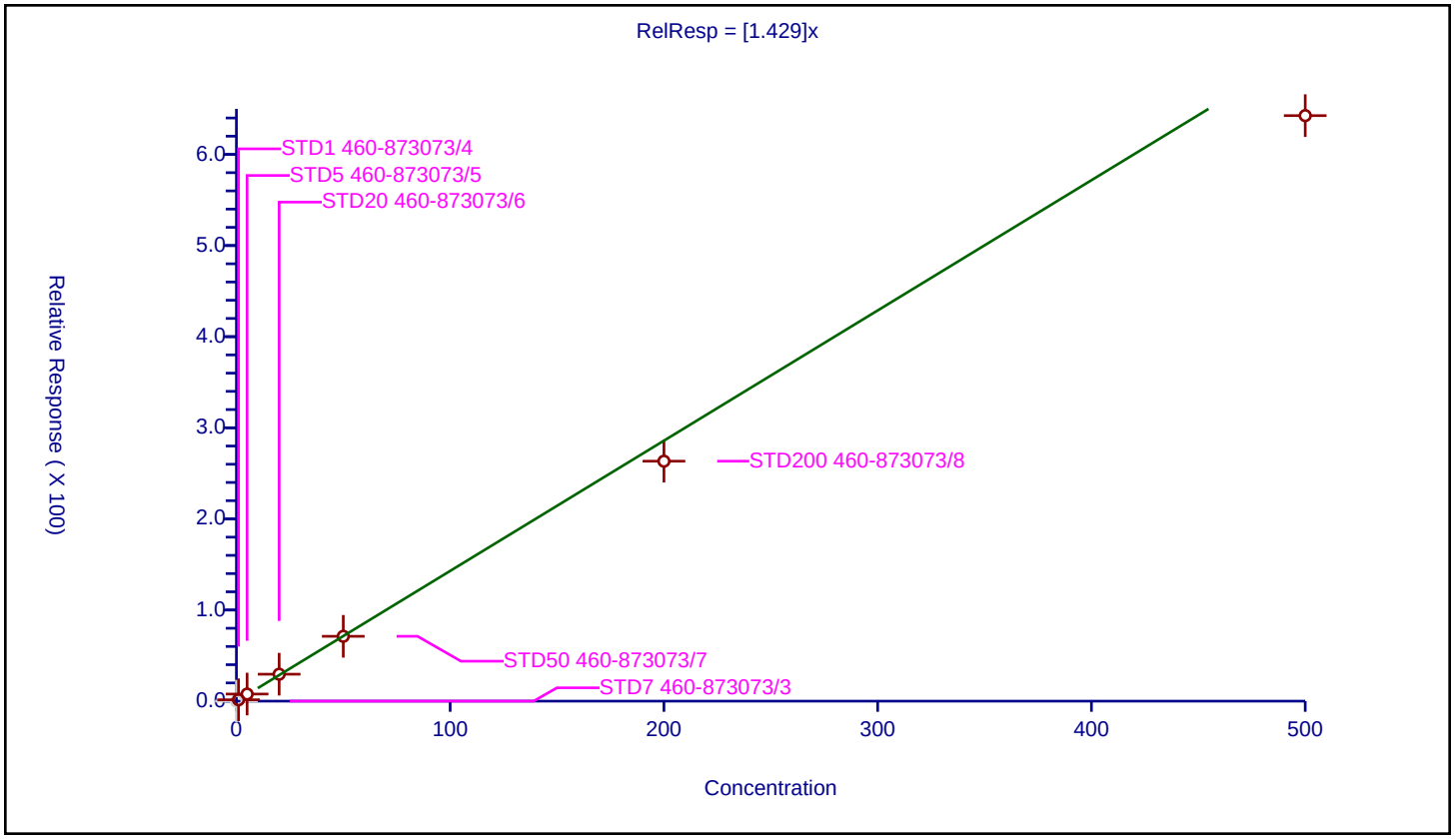
Curve Coefficients

Intercept:	0
Slope:	1.429

Error Coefficients

Standard Error:	3250000
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	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	1.513425	50.0	403720.0	1.513425	Y
3	STD5 460-873073/5	5.0	7.794691	50.0	373934.0	1.558938	Y
4	STD20 460-873073/6	20.0	29.565185	50.0	458103.0	1.478259	Y
5	STD50 460-873073/7	50.0	71.161794	50.0	472812.0	1.423236	Y
6	STD200 460-873073/8	200.0	263.353118	50.0	515726.0	1.316766	Y
7	STD500 460-873073/9	500.0	642.607956	50.0	521067.0	1.285216	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

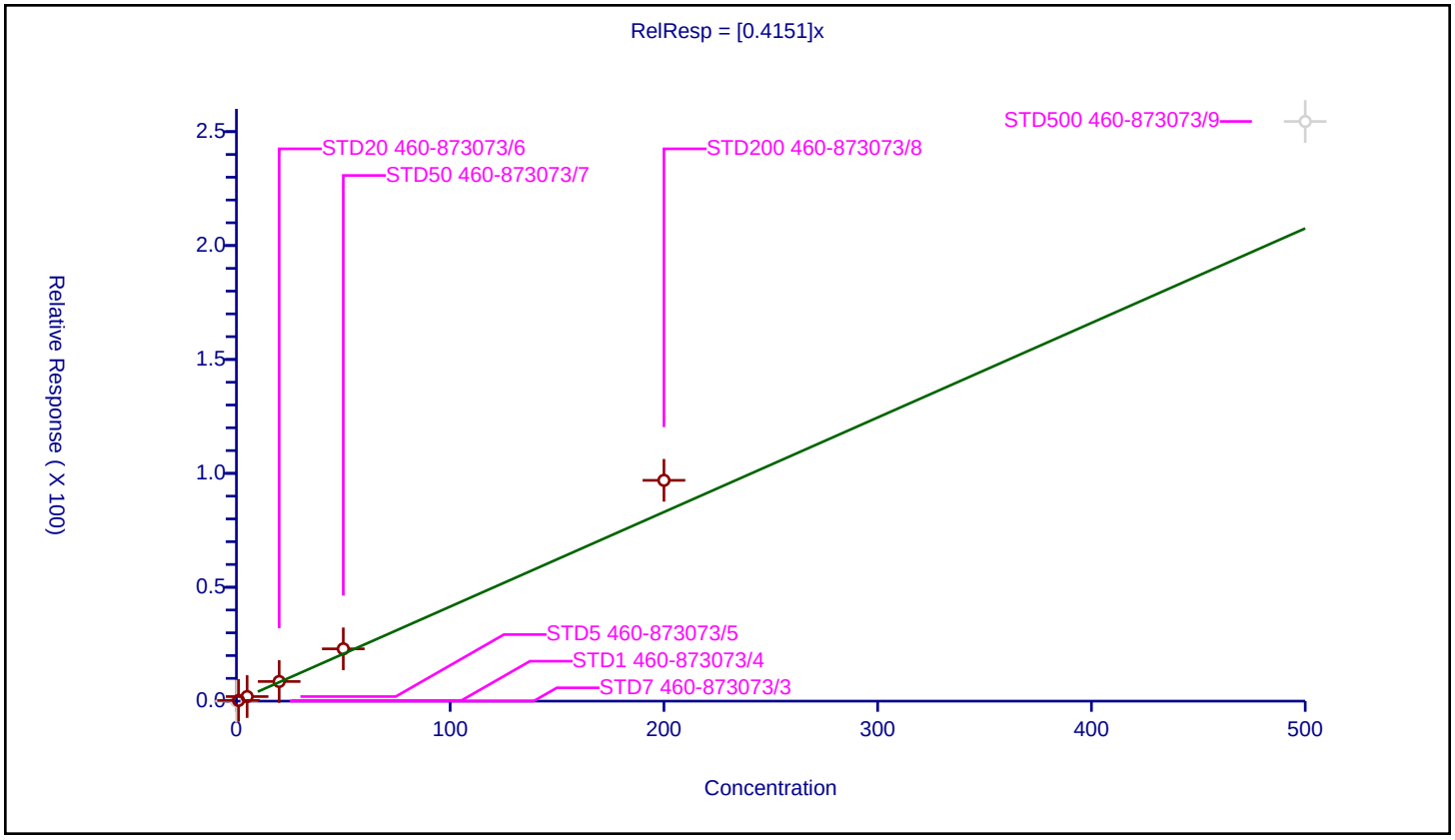
Curve Coefficients

Intercept:	0
Slope:	0.4151

Error Coefficients

Standard Error:	513000
Relative Standard Error:	17.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.30058	50.0	403720.0	0.30058	Y
3	STD5 460-873073/5	5.0	1.999818	50.0	373934.0	0.399964	Y
4	STD20 460-873073/6	20.0	8.621969	50.0	458103.0	0.431098	Y
5	STD50 460-873073/7	50.0	22.954367	50.0	472812.0	0.459087	Y
6	STD200 460-873073/8	200.0	96.935194	50.0	515726.0	0.484676	Y
7	STD500 460-873073/9	500.0	254.475144	50.0	521067.0	0.50895	N



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

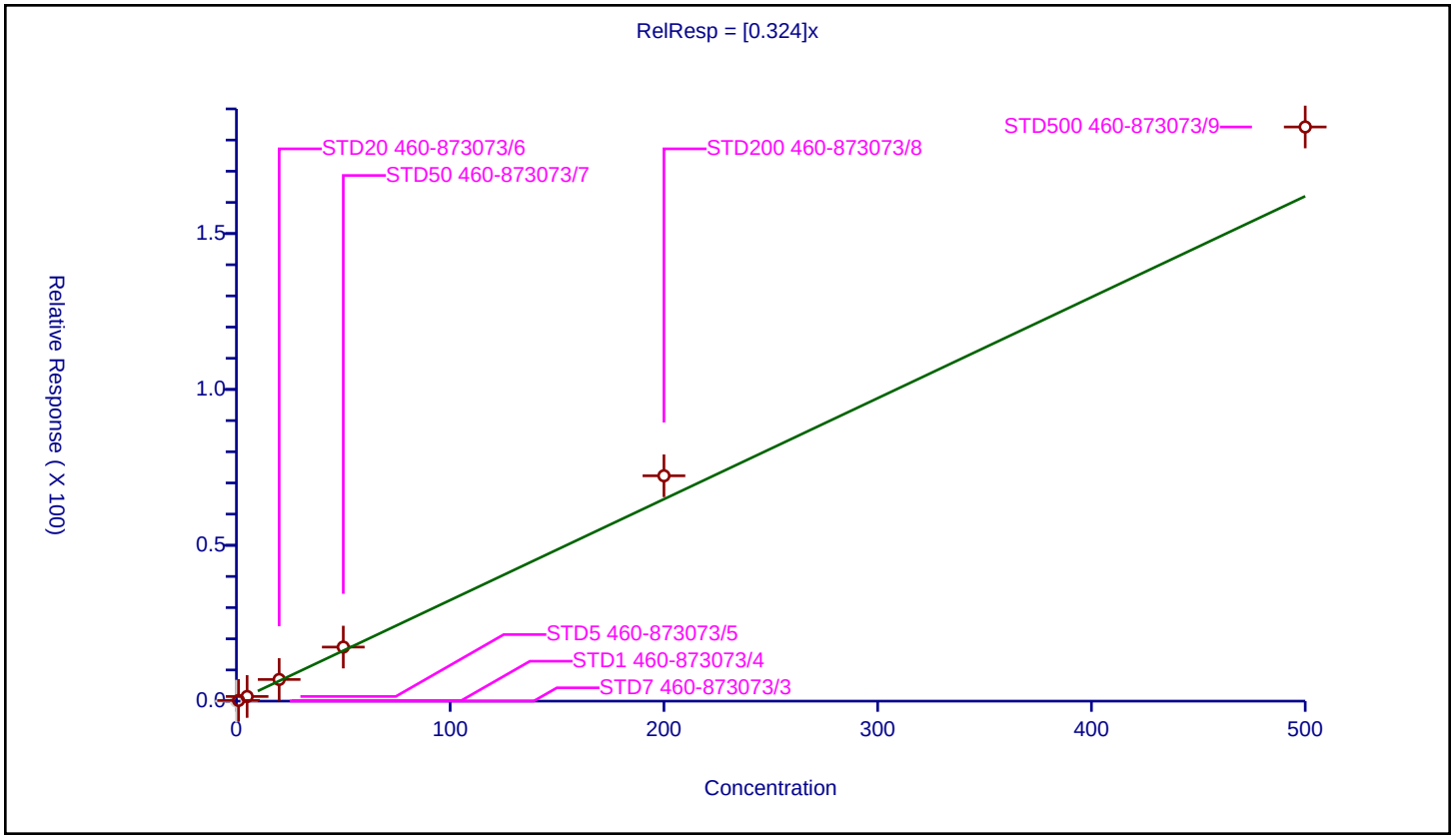
Curve Coefficients

Intercept:	0
Slope:	0.324

Error Coefficients

Standard Error:	924000
Relative Standard Error:	17.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.22045	50.0	403720.0	0.22045	Y
3	STD5 460-873073/5	5.0	1.495184	50.0	373934.0	0.299037	Y
4	STD20 460-873073/6	20.0	6.952585	50.0	458103.0	0.347629	Y
5	STD50 460-873073/7	50.0	17.339979	50.0	472812.0	0.3468	Y
6	STD200 460-873073/8	200.0	72.298372	50.0	515726.0	0.361492	Y
7	STD500 460-873073/9	500.0	184.200784	50.0	521067.0	0.368402	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

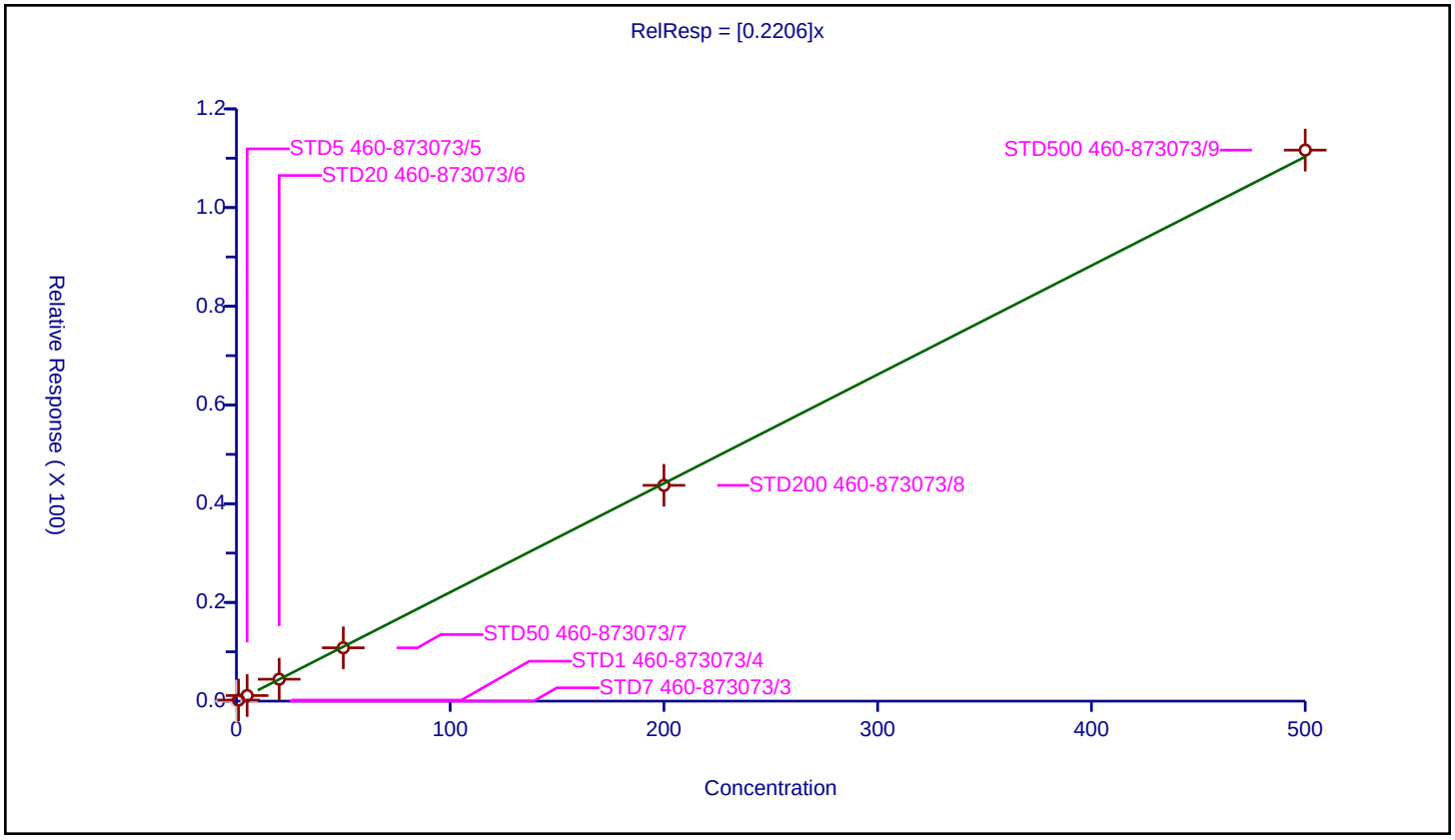
Curve Coefficients

Intercept:	0
Slope:	0.2206

Error Coefficients

Standard Error:	560000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.217973	50.0	403720.0	0.217973	Y
3	STD5 460-873073/5	5.0	1.127873	50.0	373934.0	0.225575	Y
4	STD20 460-873073/6	20.0	4.442123	50.0	458103.0	0.222106	Y
5	STD50 460-873073/7	50.0	10.804083	50.0	472812.0	0.216082	Y
6	STD200 460-873073/8	200.0	43.726611	50.0	515726.0	0.218633	Y
7	STD500 460-873073/9	500.0	111.651573	50.0	521067.0	0.223303	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

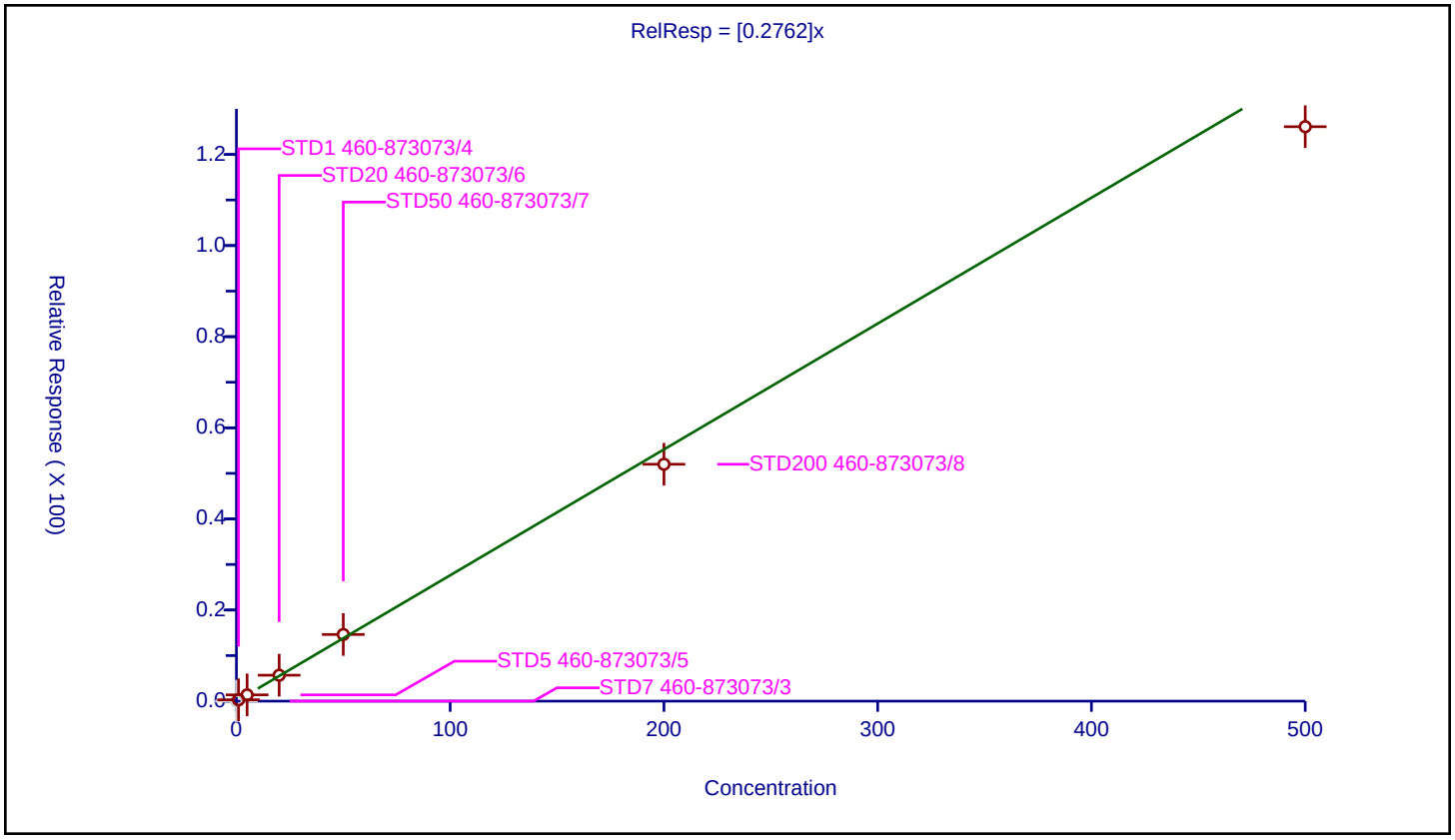
Curve Coefficients

Intercept:	0
Slope:	0.2762

Error Coefficients

Standard Error:	638000
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	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.292282	50.0	403720.0	0.292282	Y
3	STD5 460-873073/5	5.0	1.379254	50.0	373934.0	0.275851	Y
4	STD20 460-873073/6	20.0	5.690314	50.0	458103.0	0.284516	Y
5	STD50 460-873073/7	50.0	14.630445	50.0	472812.0	0.292609	Y
6	STD200 460-873073/8	200.0	51.997572	50.0	515726.0	0.259988	Y
7	STD500 460-873073/9	500.0	126.08772	50.0	521067.0	0.252175	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

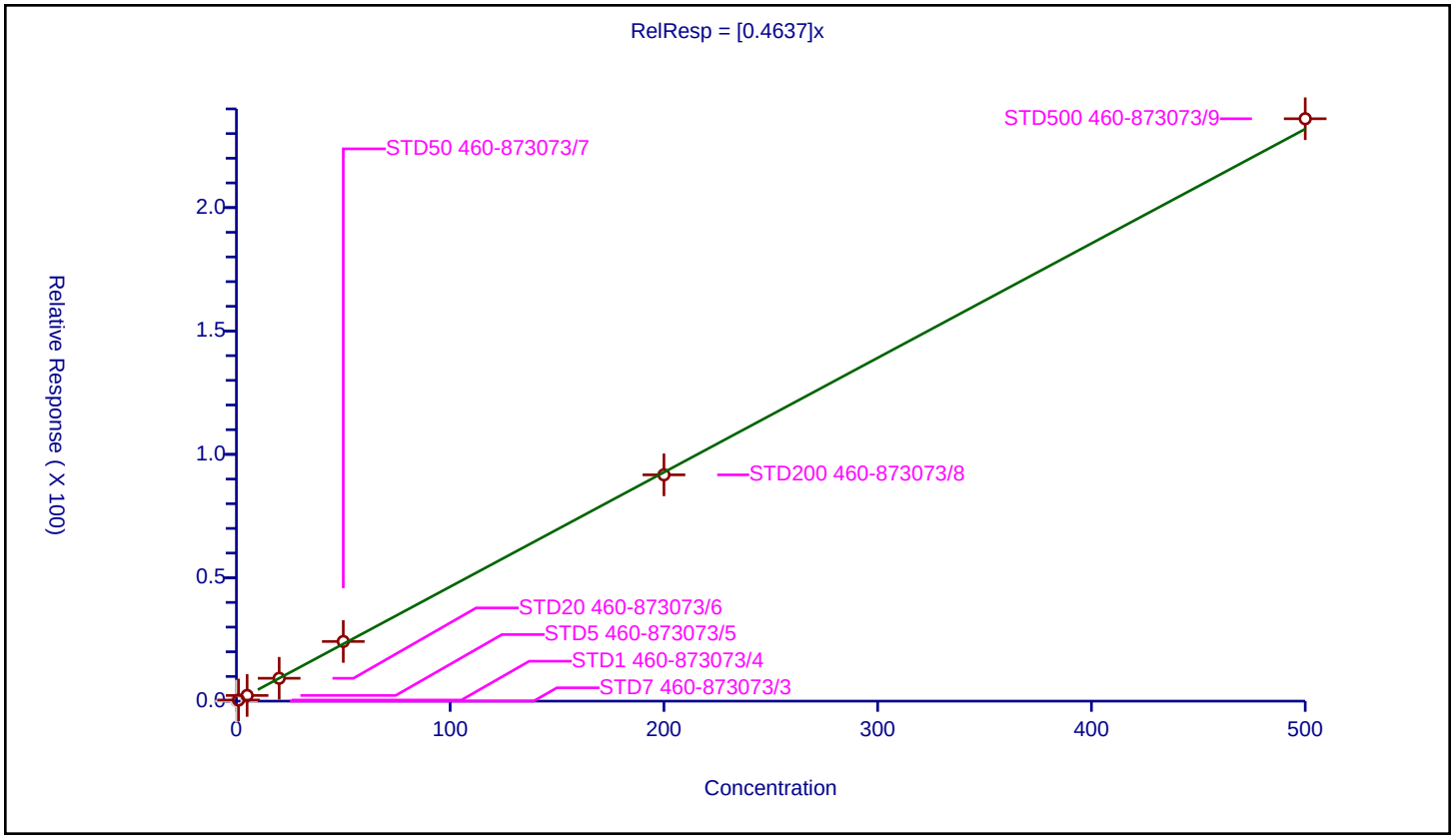
Curve Coefficients

Intercept:	0
Slope:	0.4637

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.444739	50.0	403720.0	0.444739	Y
3	STD5 460-873073/5	5.0	2.299336	50.0	373934.0	0.459867	Y
4	STD20 460-873073/6	20.0	9.265274	50.0	458103.0	0.463264	Y
5	STD50 460-873073/7	50.0	24.18678	50.0	472812.0	0.483736	Y
6	STD200 460-873073/8	200.0	91.707515	50.0	515726.0	0.458538	Y
7	STD500 460-873073/9	500.0	236.008133	50.0	521067.0	0.472016	Y



Calibration / 2-Hexanone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

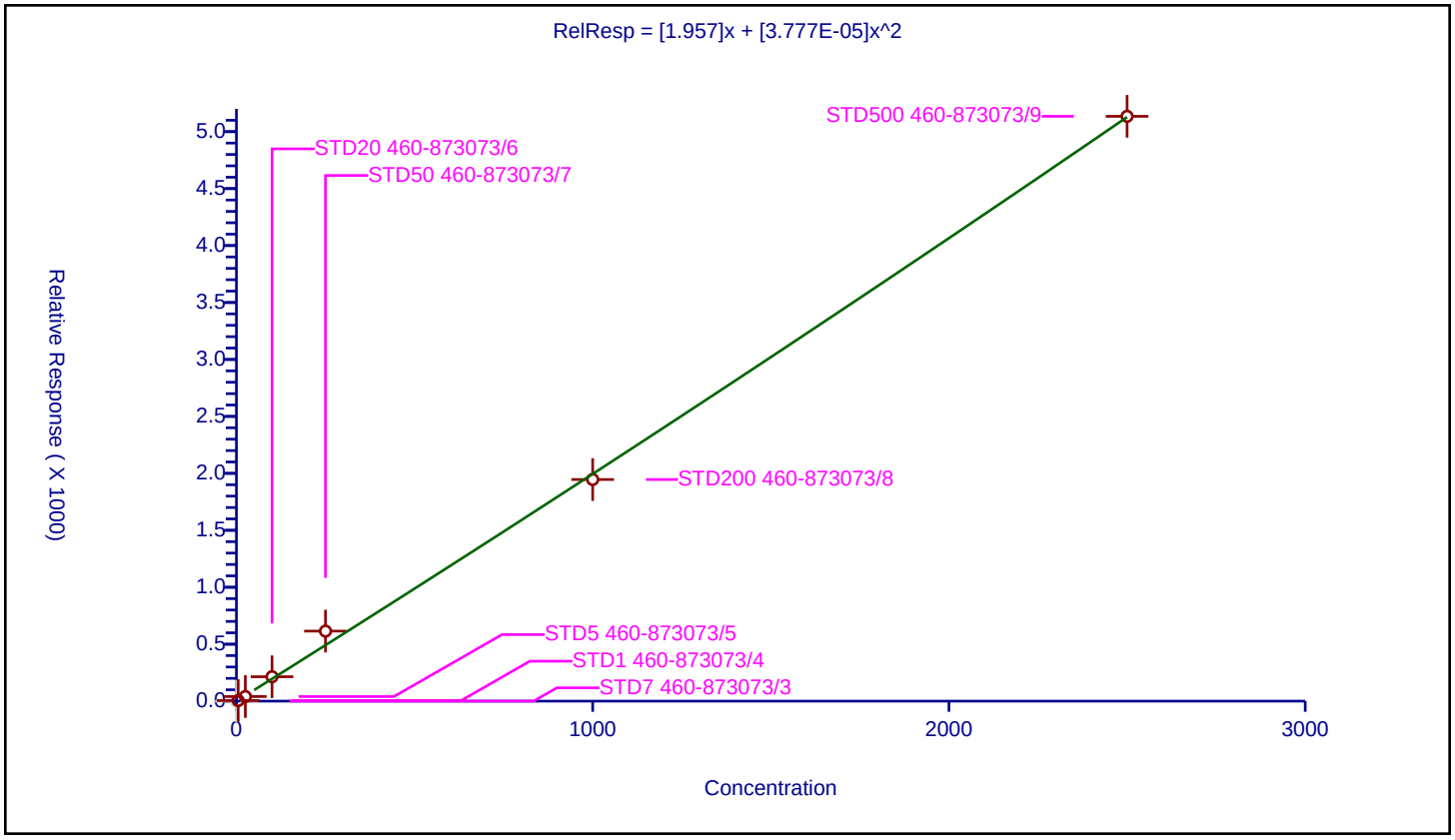
Curve Coefficients

Intercept:	0
Slope:	1.957
Second Order:	3.777E-05

Error Coefficients

Standard Error:	1950000
Relative Standard Error:	29.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	250.0	98177.0	NaN	N
2	STD1 460-873073/4	5.0	5.058646	250.0	108873.0	1.011729	Y
3	STD5 460-873073/5	25.0	40.362188	250.0	110357.0	1.614488	Y
4	STD20 460-873073/6	100.0	214.357636	250.0	126626.0	2.143576	Y
5	STD50 460-873073/7	250.0	614.827951	250.0	125749.0	2.459312	Y
6	STD200 460-873073/8	1000.0	1945.910316	250.0	180723.0	1.94591	Y
7	STD500 460-873073/9	2500.0	5134.807668	250.0	176622.0	2.053923	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

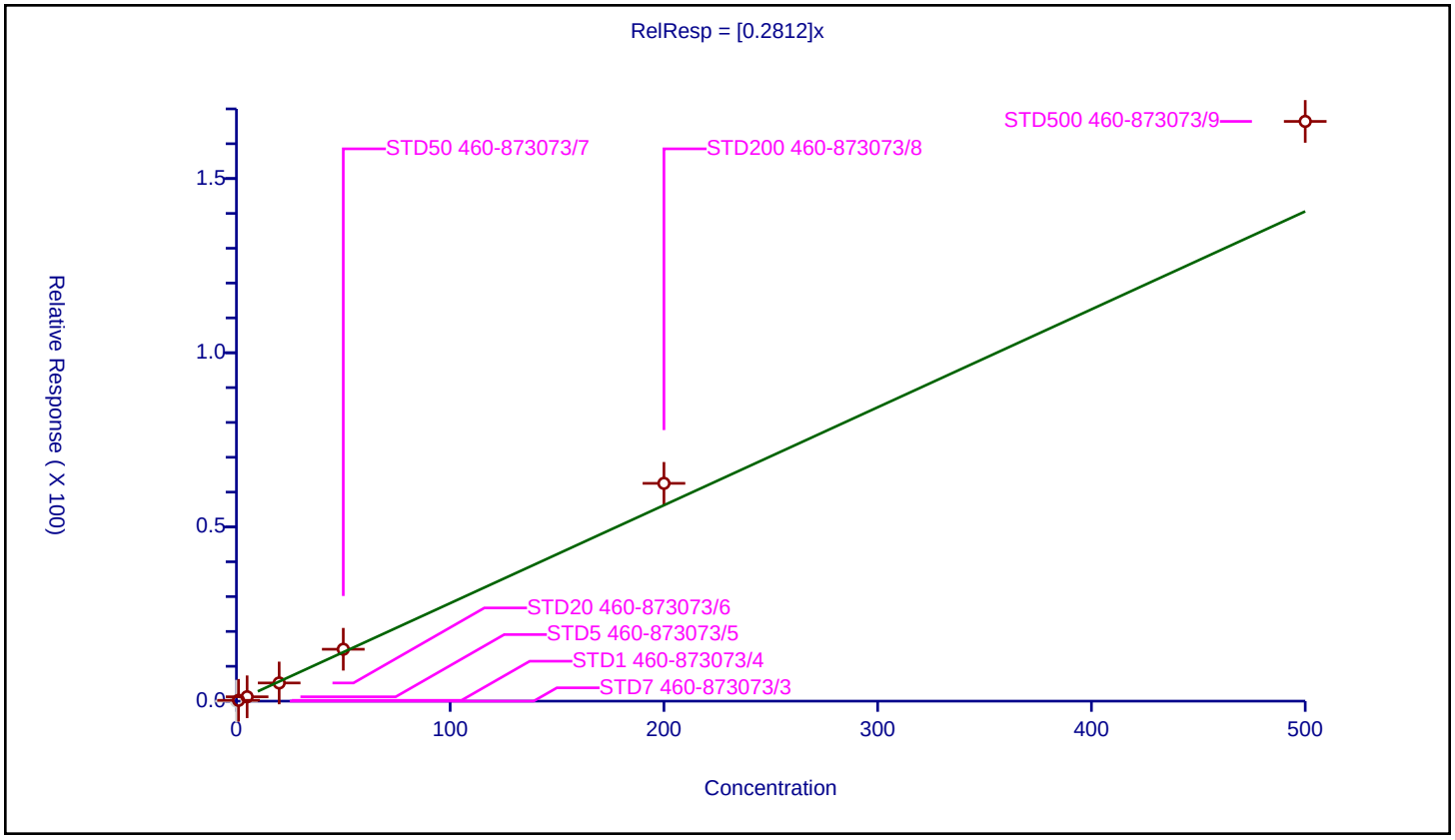
Curve Coefficients

Intercept:	0
Slope:	0.2812

Error Coefficients

Standard Error:	830000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.232587	50.0	403720.0	0.232587	Y
3	STD5 460-873073/5	5.0	1.251023	50.0	373934.0	0.250205	Y
4	STD20 460-873073/6	20.0	5.217713	50.0	458103.0	0.260886	Y
5	STD50 460-873073/7	50.0	14.895244	50.0	472812.0	0.297905	Y
6	STD200 460-873073/8	200.0	62.516239	50.0	515726.0	0.312581	Y
7	STD500 460-873073/9	500.0	166.40576	50.0	521067.0	0.332812	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

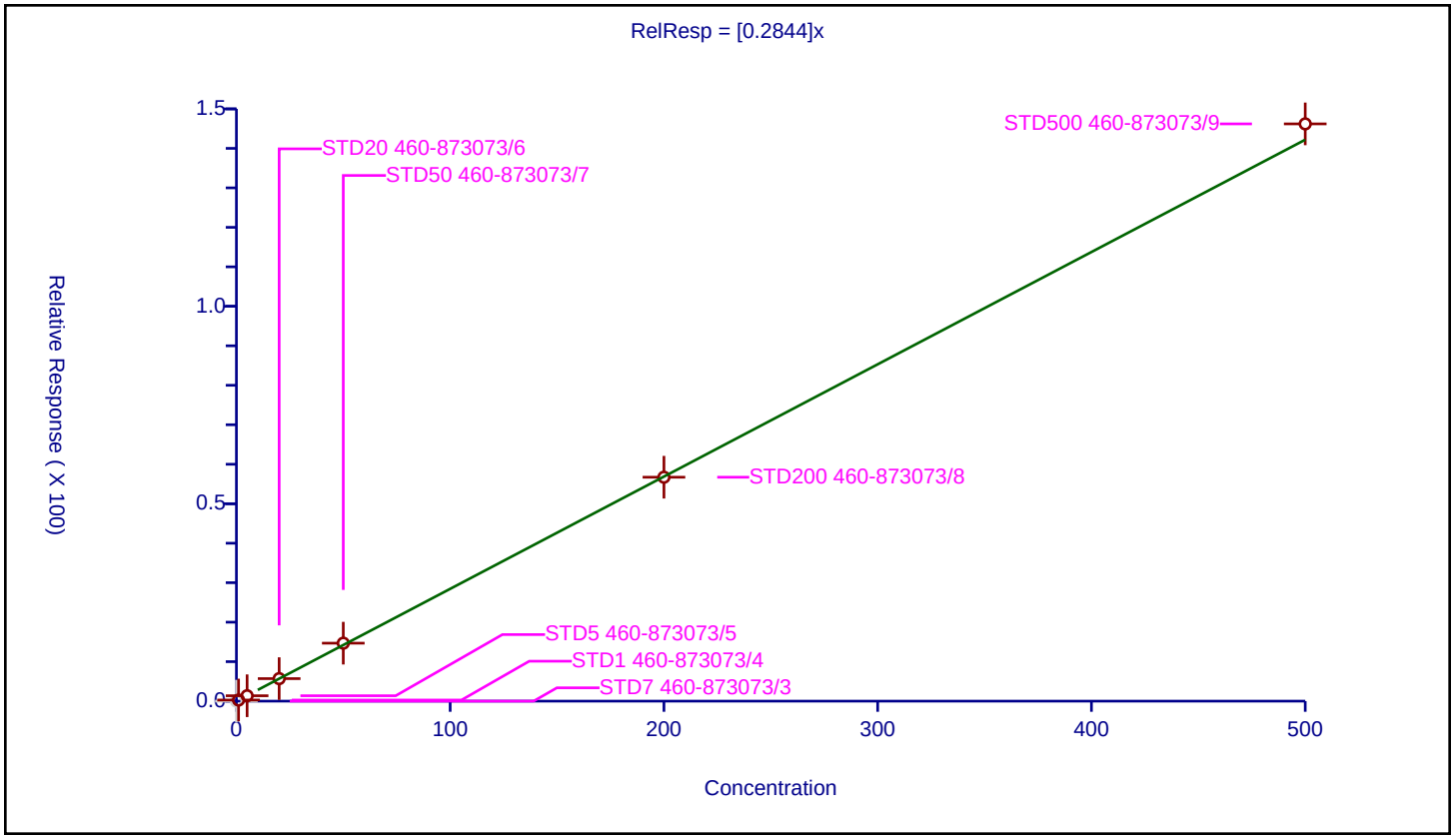
Curve Coefficients

Intercept:	0
Slope:	0.2844

Error Coefficients

Standard Error:	733000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.278163	50.0	403720.0	0.278163	Y
3	STD5 460-873073/5	5.0	1.365749	50.0	373934.0	0.27315	Y
4	STD20 460-873073/6	20.0	5.705158	50.0	458103.0	0.285258	Y
5	STD50 460-873073/7	50.0	14.683955	50.0	472812.0	0.293679	Y
6	STD200 460-873073/8	200.0	56.716745	50.0	515726.0	0.283584	Y
7	STD500 460-873073/9	500.0	146.204231	50.0	521067.0	0.292408	Y



Calibration / n-Butyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

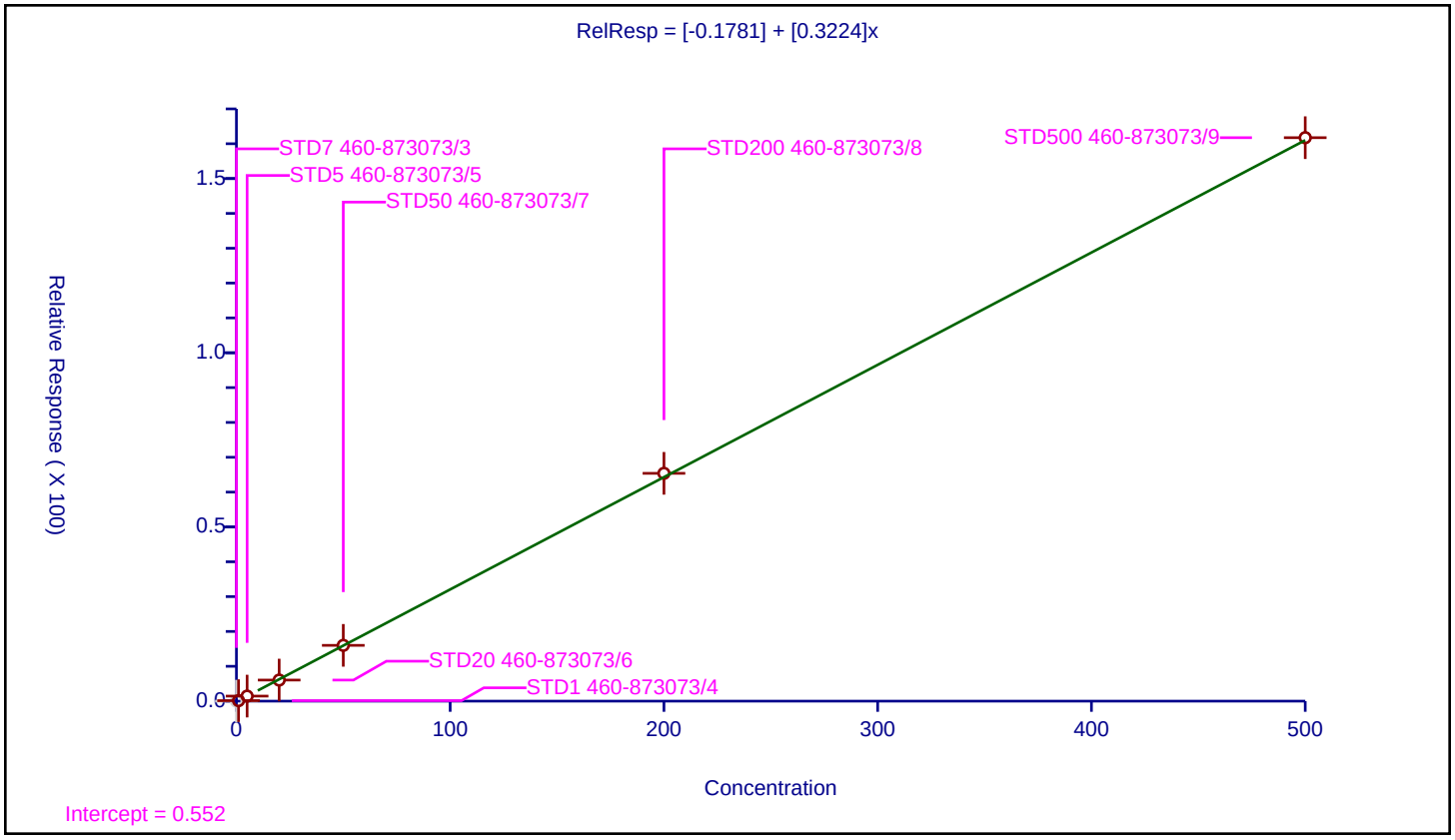
Curve Coefficients

Intercept:	-0.1781
Slope:	0.3224

Error Coefficients

Standard Error:	911000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.144283	50.0	403720.0	0.144283	Y
3	STD5 460-873073/5	5.0	1.446913	50.0	373934.0	0.289383	Y
4	STD20 460-873073/6	20.0	6.049622	50.0	458103.0	0.302481	Y
5	STD50 460-873073/7	50.0	16.013976	50.0	472812.0	0.32028	Y
6	STD200 460-873073/8	200.0	65.393348	50.0	515726.0	0.326967	Y
7	STD500 460-873073/9	500.0	161.73256	50.0	521067.0	0.323465	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

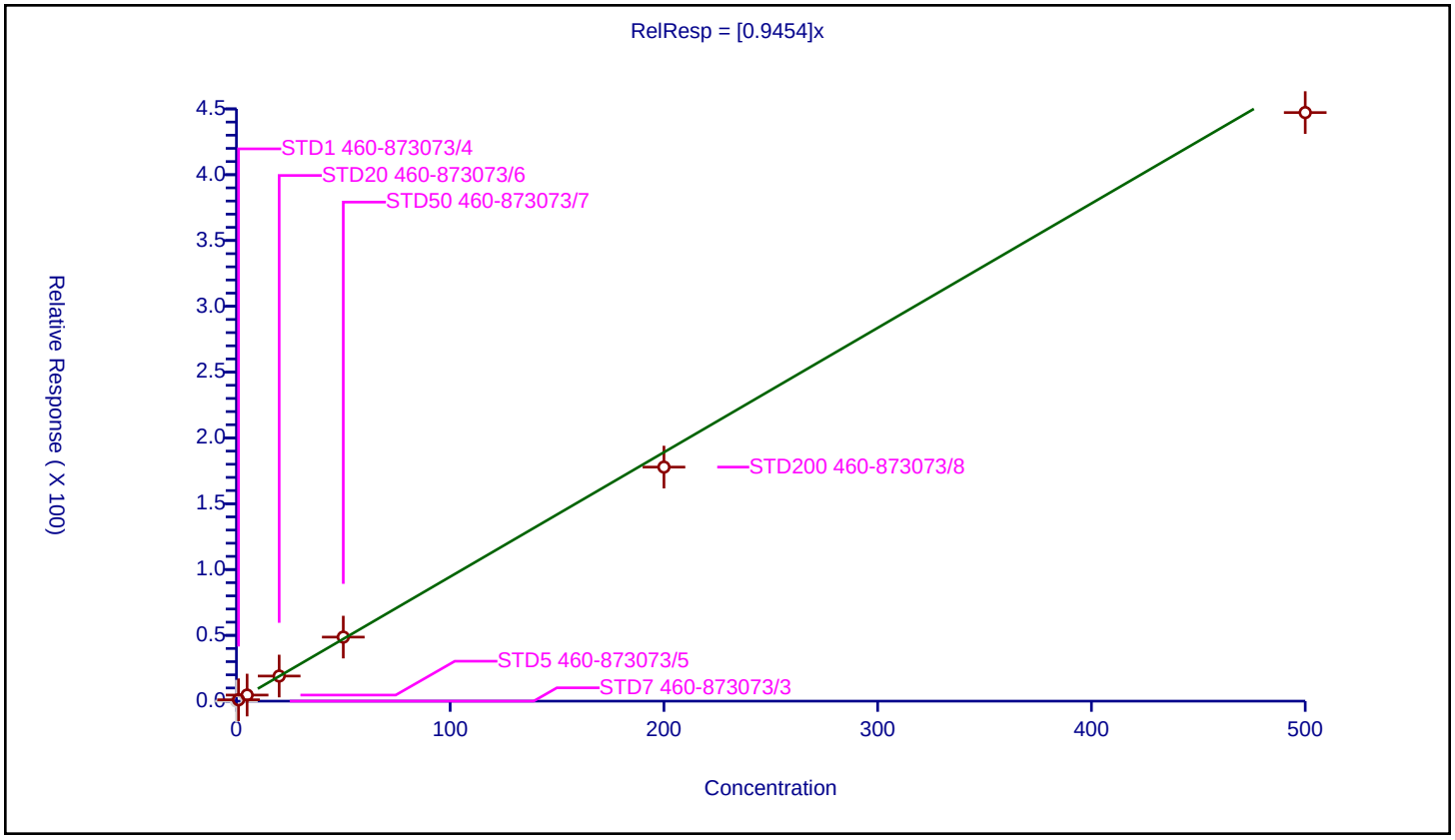
Curve Coefficients

Intercept:	0
Slope:	0.9454

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	1.036114	50.0	403720.0	1.036114	Y
3	STD5 460-873073/5	5.0	4.63063	50.0	373934.0	0.926126	Y
4	STD20 460-873073/6	20.0	19.06962	50.0	458103.0	0.953481	Y
5	STD50 460-873073/7	50.0	48.653482	50.0	472812.0	0.97307	Y
6	STD200 460-873073/8	200.0	177.840753	50.0	515726.0	0.889204	Y
7	STD500 460-873073/9	500.0	447.204102	50.0	521067.0	0.894408	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

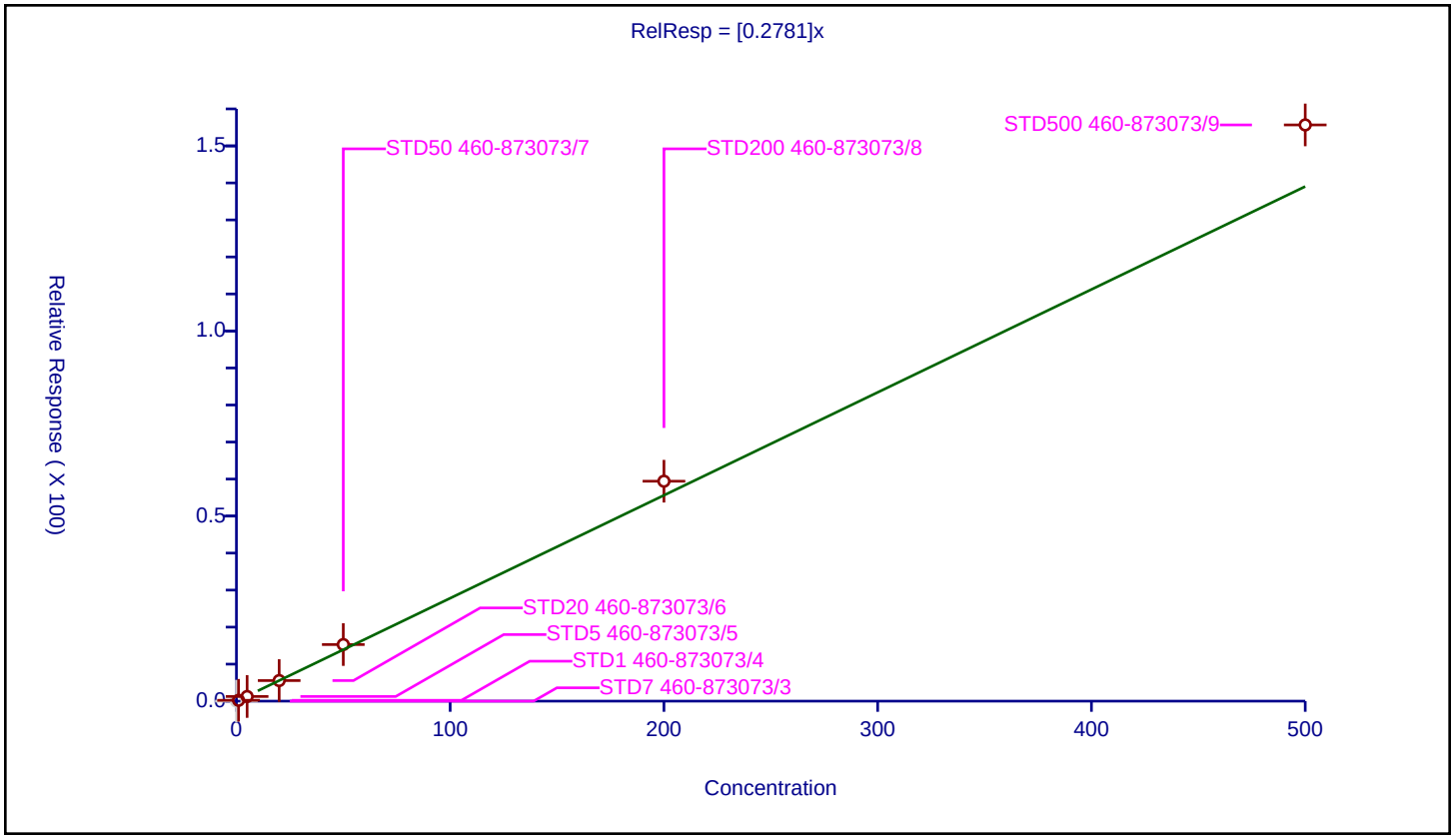
Curve Coefficients

Intercept:	0
Slope:	0.2781

Error Coefficients

Standard Error:	779000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.225528	50.0	403720.0	0.225528	Y
3	STD5 460-873073/5	5.0	1.253697	50.0	373934.0	0.250739	Y
4	STD20 460-873073/6	20.0	5.559339	50.0	458103.0	0.277967	Y
5	STD50 460-873073/7	50.0	15.285885	50.0	472812.0	0.305718	Y
6	STD200 460-873073/8	200.0	59.418664	50.0	515726.0	0.297093	Y
7	STD500 460-873073/9	500.0	155.669904	50.0	521067.0	0.31134	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

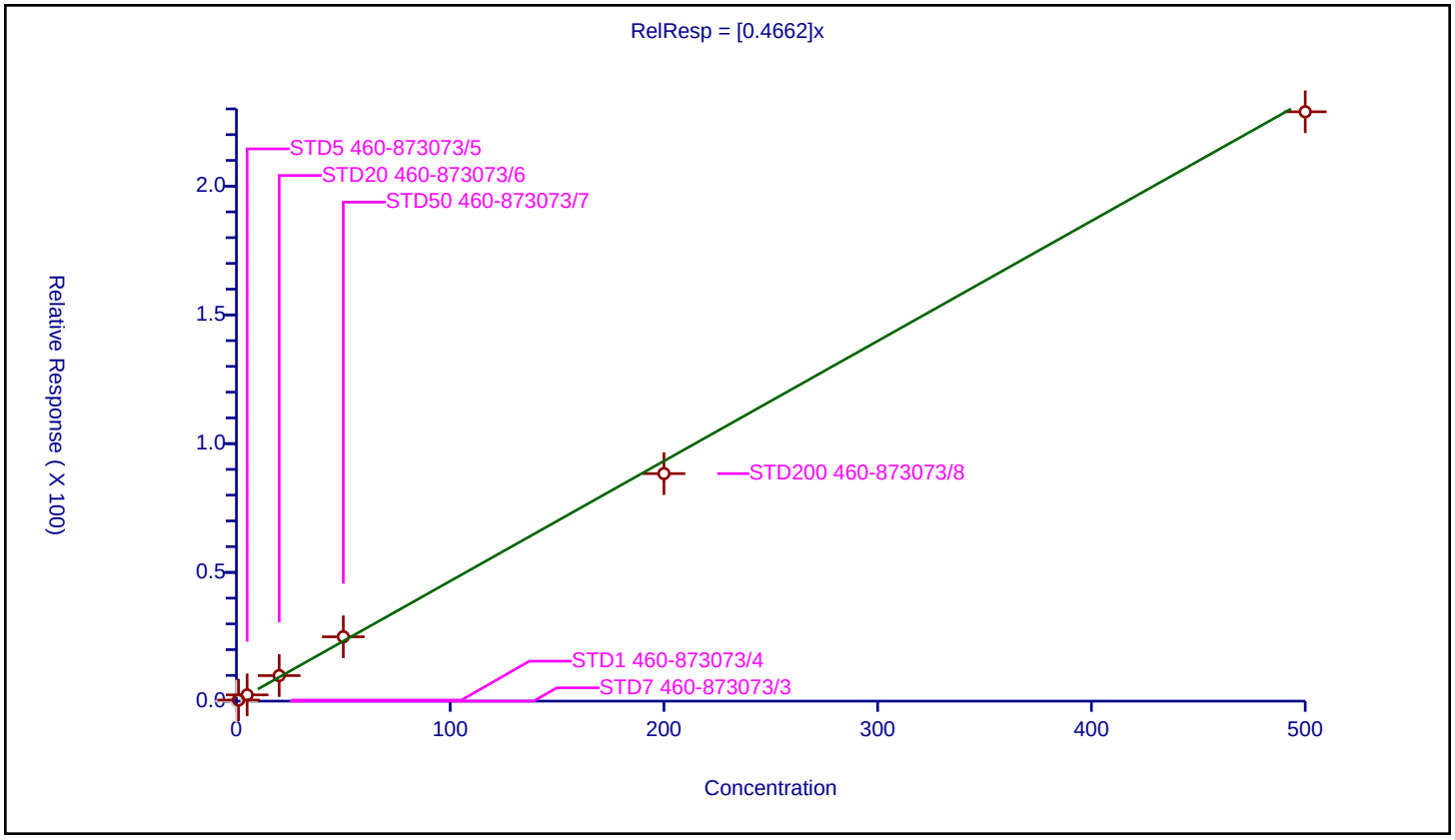
Curve Coefficients

Intercept:	0
Slope:	0.4662

Error Coefficients

Standard Error:	1150000
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 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.417864	50.0	403720.0	0.417864	Y
3	STD5 460-873073/5	5.0	2.420347	50.0	373934.0	0.484069	Y
4	STD20 460-873073/6	20.0	9.913382	50.0	458103.0	0.495669	Y
5	STD50 460-873073/7	50.0	24.998942	50.0	472812.0	0.499979	Y
6	STD200 460-873073/8	200.0	88.367273	50.0	515726.0	0.441836	Y
7	STD500 460-873073/9	500.0	228.884865	50.0	521067.0	0.45777	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

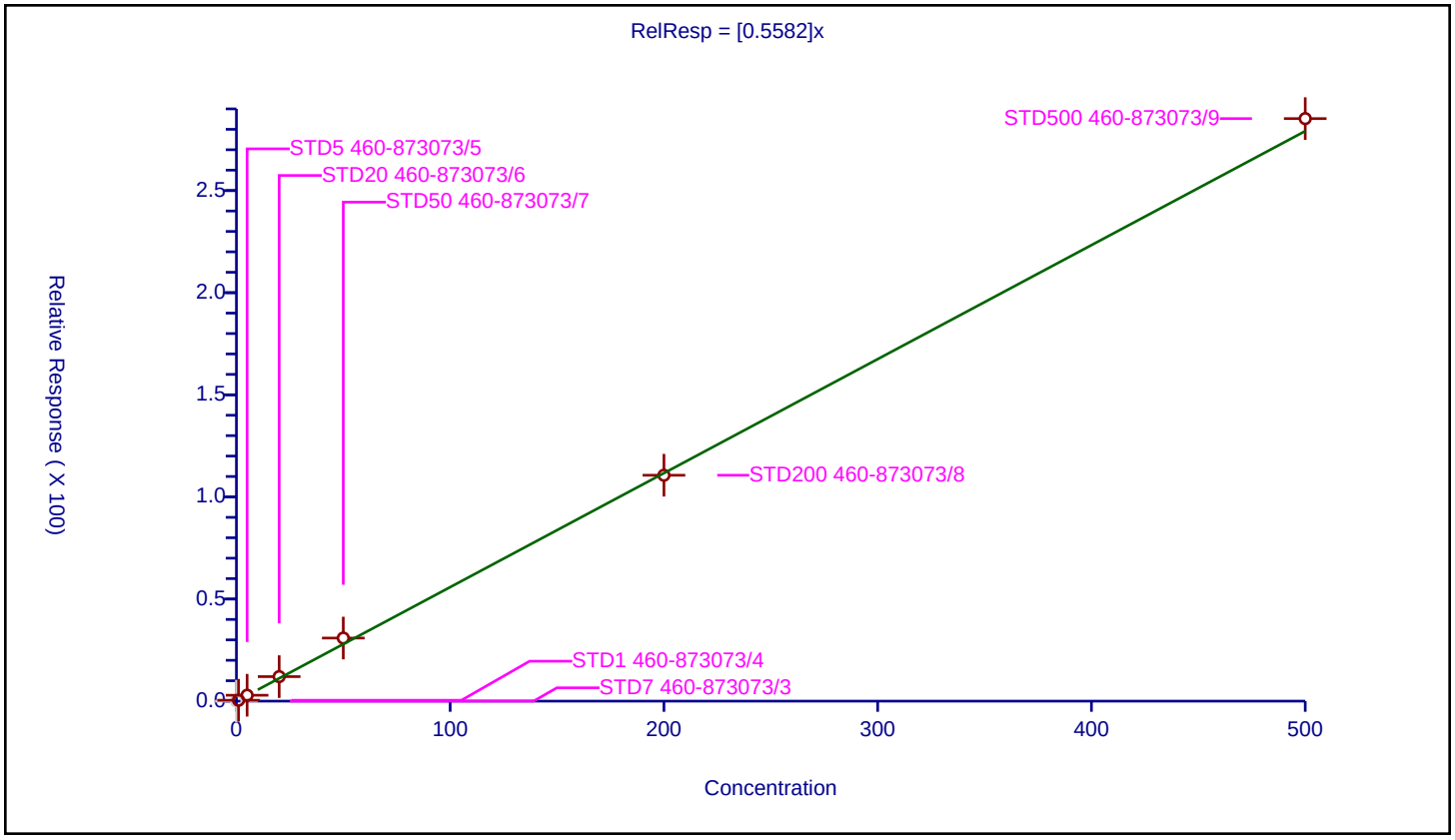
Curve Coefficients

Intercept:	0
Slope:	0.5582

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.430868	50.0	403720.0	0.430868	Y
3	STD5 460-873073/5	5.0	2.886606	50.0	373934.0	0.577321	Y
4	STD20 460-873073/6	20.0	11.999703	50.0	458103.0	0.599985	Y
5	STD50 460-873073/7	50.0	30.882571	50.0	472812.0	0.617651	Y
6	STD200 460-873073/8	200.0	110.614357	50.0	515726.0	0.553072	Y
7	STD500 460-873073/9	500.0	285.245563	50.0	521067.0	0.570491	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

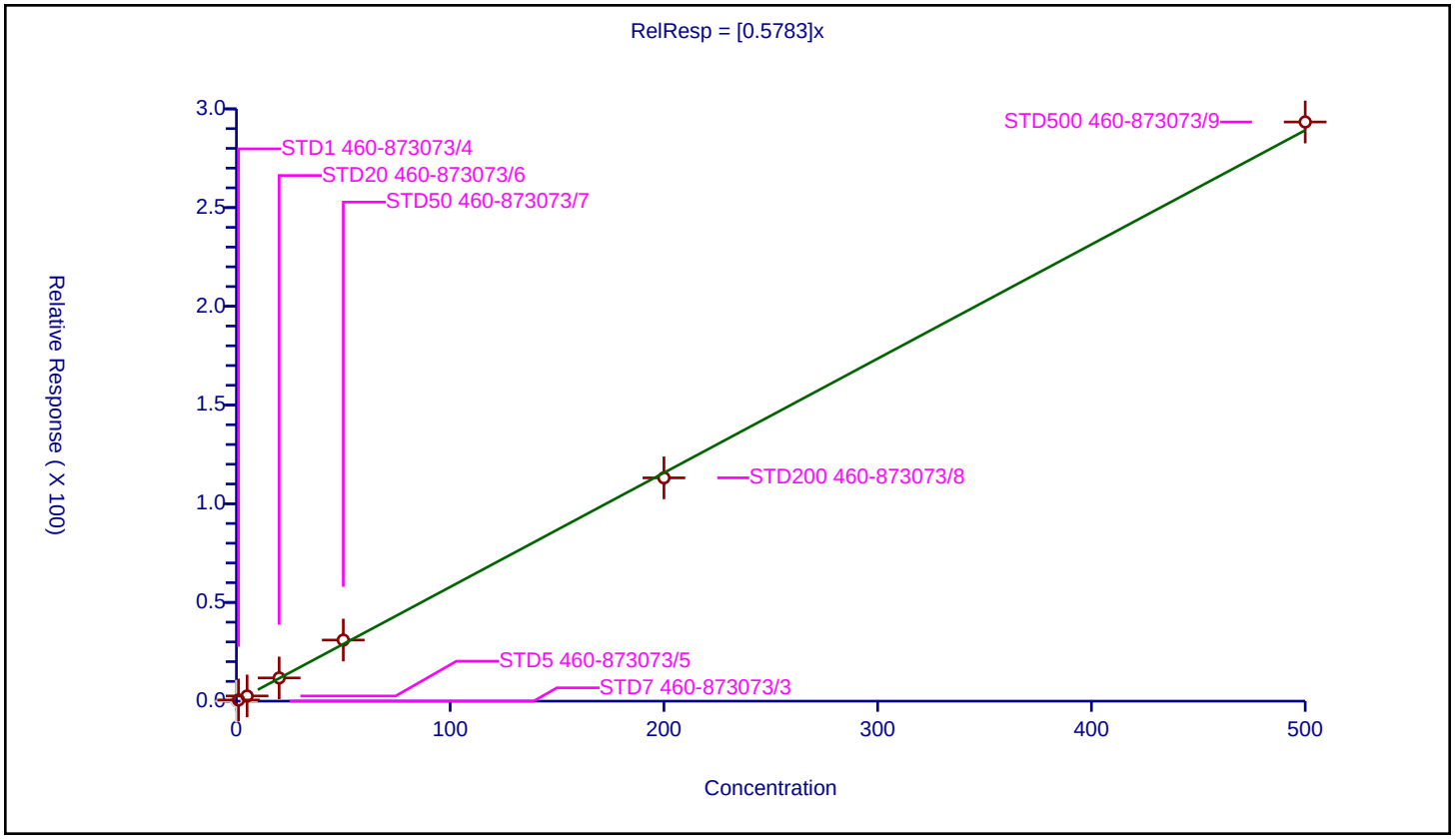
Curve Coefficients

Intercept:	0
Slope:	0.5783

Error Coefficients

Standard Error:	1470000
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 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.586545	50.0	403720.0	0.586545	Y
3	STD5 460-873073/5	5.0	2.620516	50.0	373934.0	0.524103	Y
4	STD20 460-873073/6	20.0	11.763075	50.0	458103.0	0.588154	Y
5	STD50 460-873073/7	50.0	30.948876	50.0	472812.0	0.618978	Y
6	STD200 460-873073/8	200.0	113.107832	50.0	515726.0	0.565539	Y
7	STD500 460-873073/9	500.0	293.362274	50.0	521067.0	0.586725	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

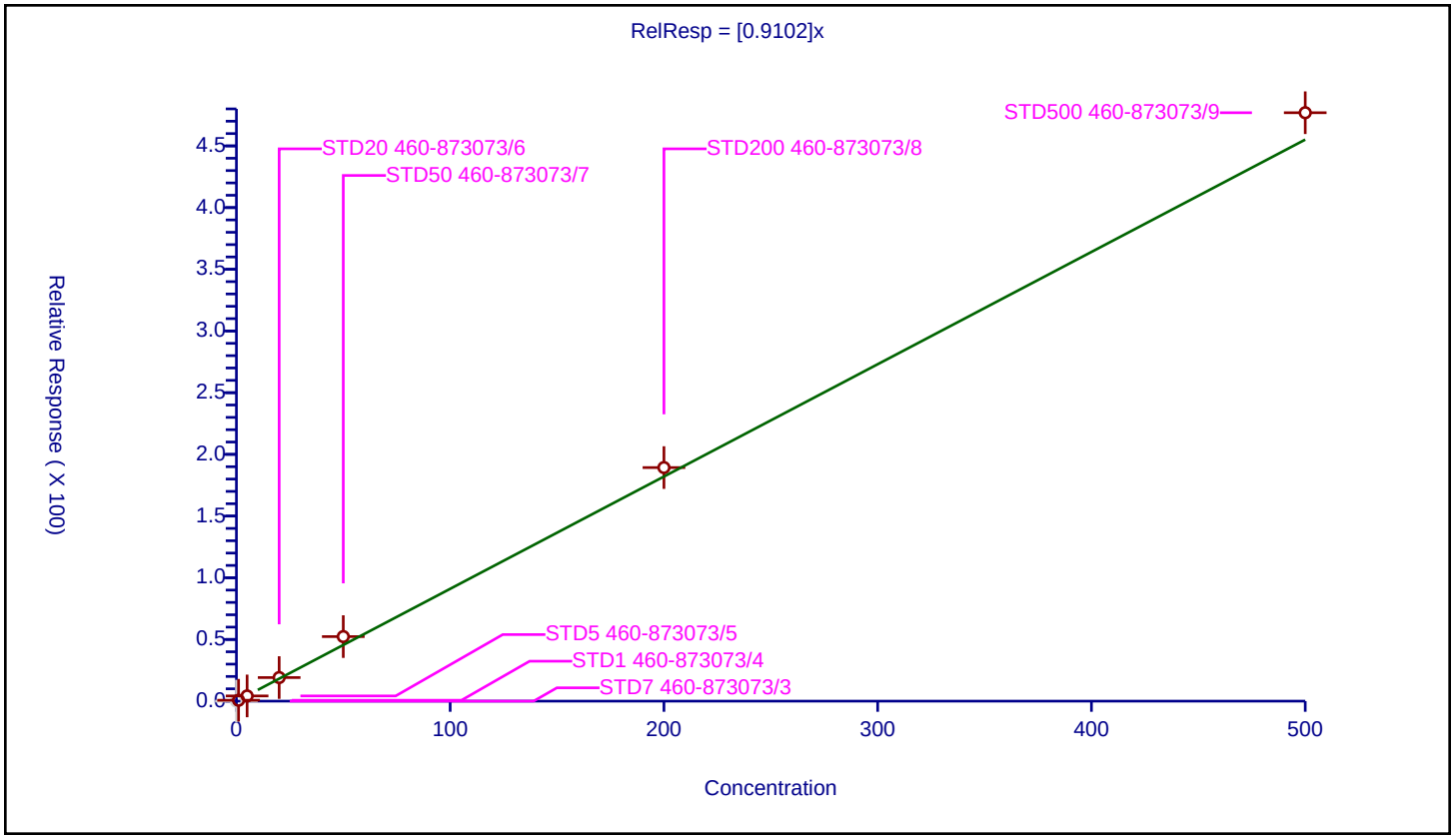
Curve Coefficients

Intercept:	0
Slope:	0.9102

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.714356	50.0	403720.0	0.714356	Y
3	STD5 460-873073/5	5.0	4.221467	50.0	373934.0	0.844293	Y
4	STD20 460-873073/6	20.0	19.114697	50.0	458103.0	0.955735	Y
5	STD50 460-873073/7	50.0	52.31297	50.0	472812.0	1.046259	Y
6	STD200 460-873073/8	200.0	189.309149	50.0	515726.0	0.946546	Y
7	STD500 460-873073/9	500.0	476.888193	50.0	521067.0	0.953776	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

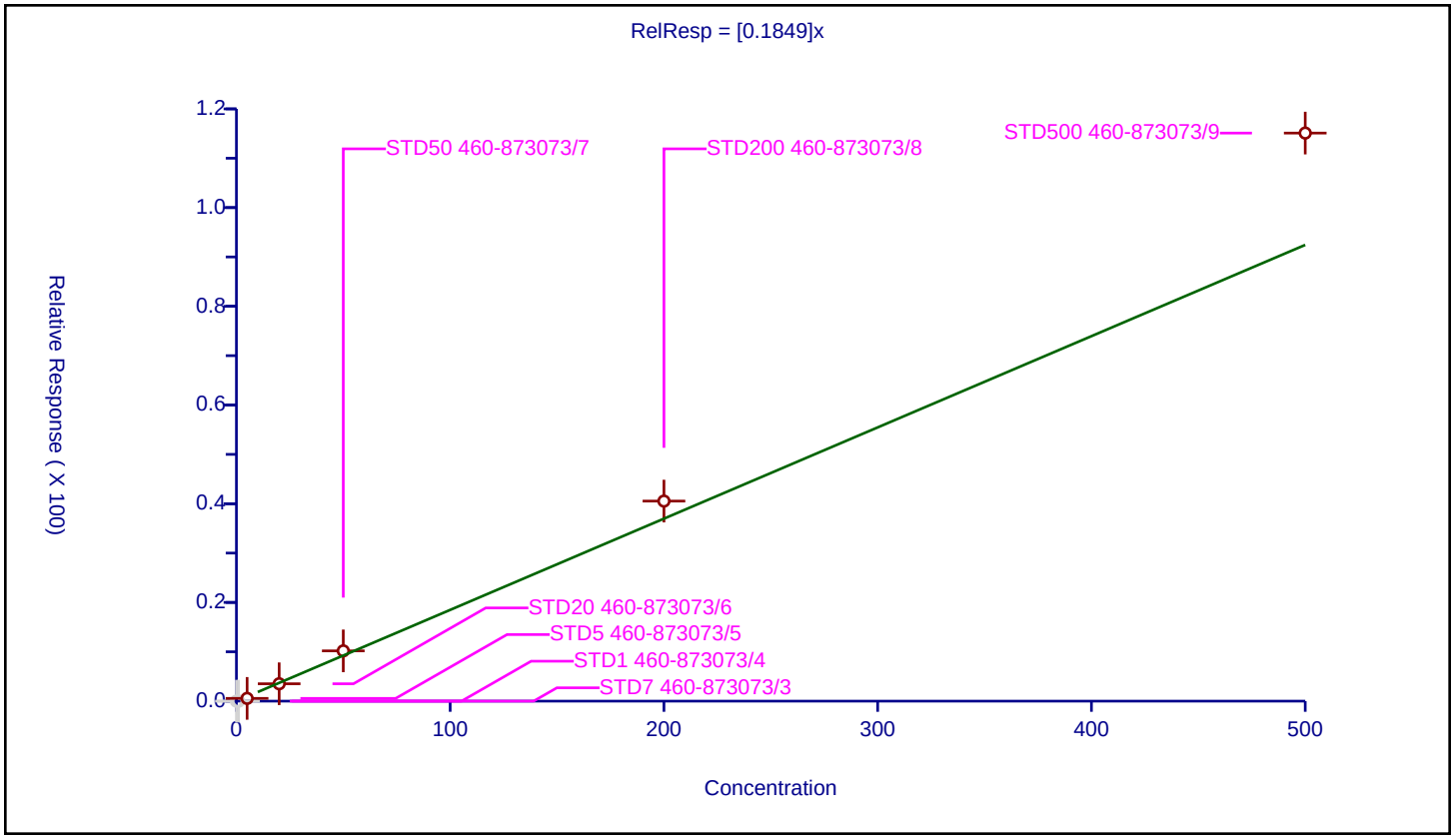
Curve Coefficients

Intercept:	0
Slope:	0.1849

Error Coefficients

Standard Error:	637000
Relative Standard Error:	24.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.945

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.0	50.0	403720.0	0.0	N
3	STD5 460-873073/5	5.0	0.559056	50.0	373934.0	0.111811	Y
4	STD20 460-873073/6	20.0	3.520824	50.0	458103.0	0.176041	Y
5	STD50 460-873073/7	50.0	10.184809	50.0	472812.0	0.203696	Y
6	STD200 460-873073/8	200.0	40.53509	50.0	515726.0	0.202675	Y
7	STD500 460-873073/9	500.0	115.09873	50.0	521067.0	0.230197	Y



Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

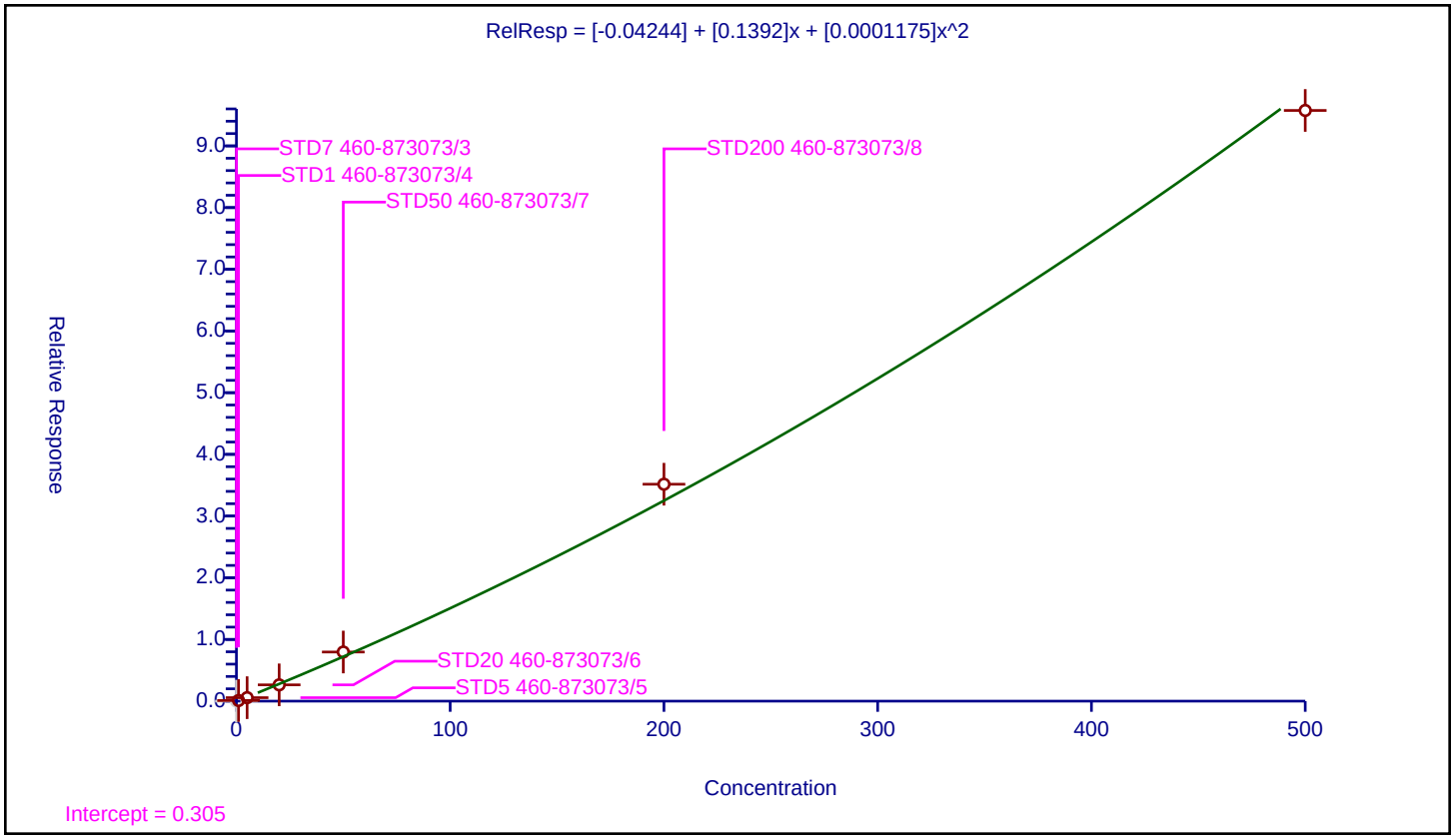
Curve Coefficients

Intercept:	-0.04244
Slope:	0.1392
Second Order:	0.0001175

Error Coefficients

Standard Error:	615000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	0.100565	50.0	403720.0	0.100565	Y
3	STD5 460-873073/5	5.0	0.564404	50.0	373934.0	0.112881	Y
4	STD20 460-873073/6	20.0	2.642091	50.0	458103.0	0.132105	Y
5	STD50 460-873073/7	50.0	7.965217	50.0	472812.0	0.159304	Y
6	STD200 460-873073/8	200.0	35.162664	50.0	515726.0	0.175813	Y
7	STD500 460-873073/9	500.0	95.746516	50.0	521067.0	0.191493	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

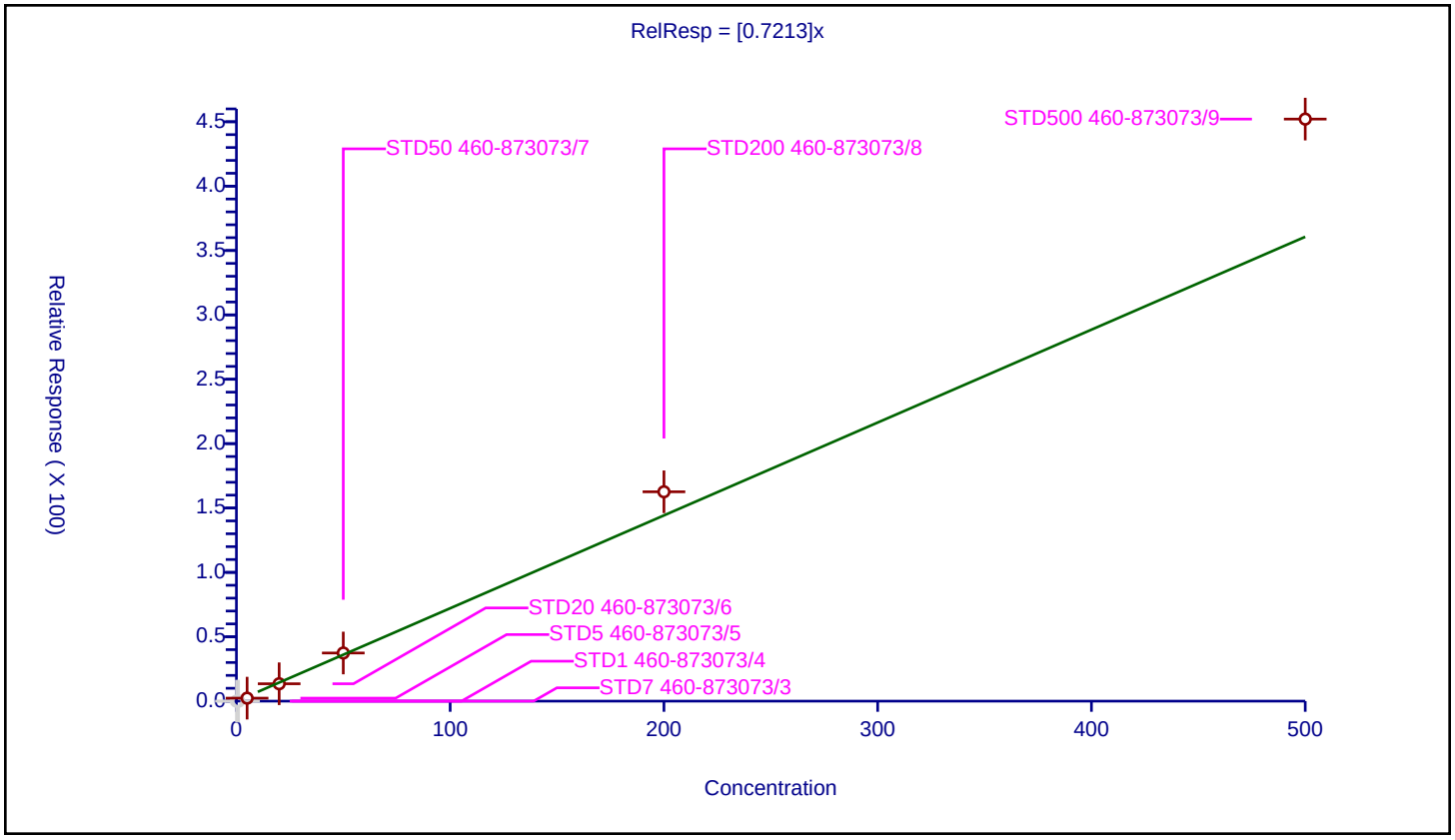
Curve Coefficients

Intercept:	0
Slope:	0.7213

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	23.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.0	50.0	178962.0	0.0	N
3	STD5 460-873073/5	5.0	2.330502	50.0	184102.0	0.4661	Y
4	STD20 460-873073/6	20.0	13.506251	50.0	218447.0	0.675313	Y
5	STD50 460-873073/7	50.0	37.392326	50.0	233112.0	0.747847	Y
6	STD200 460-873073/8	200.0	162.617487	50.0	254710.0	0.813087	Y
7	STD500 460-873073/9	500.0	452.068444	50.0	251300.0	0.904137	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

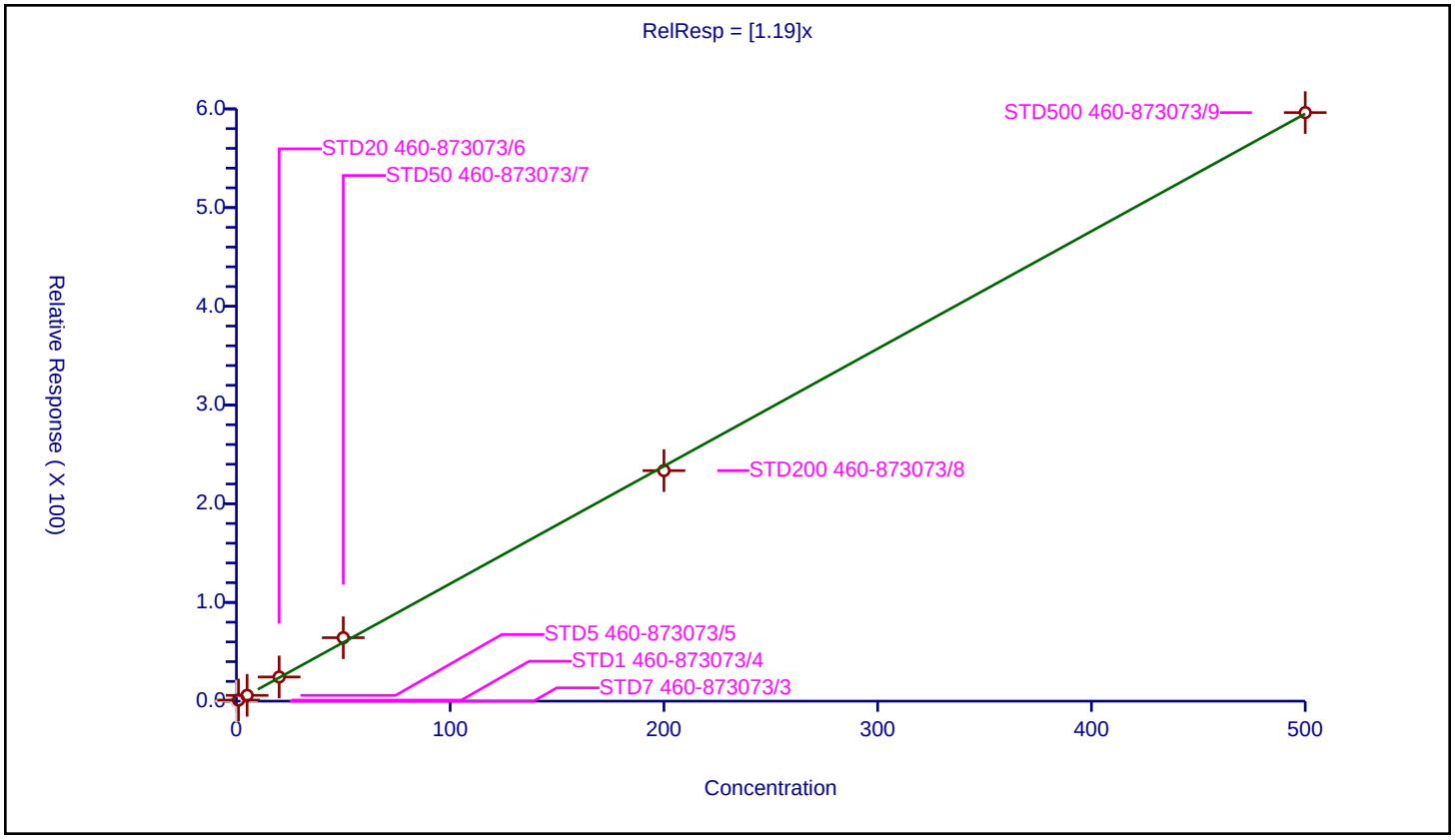
Curve Coefficients

Intercept:	0
Slope:	1.19

Error Coefficients

Standard Error:	2990000
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 460-873073/3	0.0	0.0	50.0	351163.0	NaN	N
2	STD1 460-873073/4	1.0	1.096428	50.0	403720.0	1.096428	Y
3	STD5 460-873073/5	5.0	5.874299	50.0	373934.0	1.17486	Y
4	STD20 460-873073/6	20.0	24.484996	50.0	458103.0	1.22425	Y
5	STD50 460-873073/7	50.0	64.255349	50.0	472812.0	1.285107	Y
6	STD200 460-873073/8	200.0	233.537673	50.0	515726.0	1.167688	Y
7	STD500 460-873073/9	500.0	596.243957	50.0	521067.0	1.192488	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

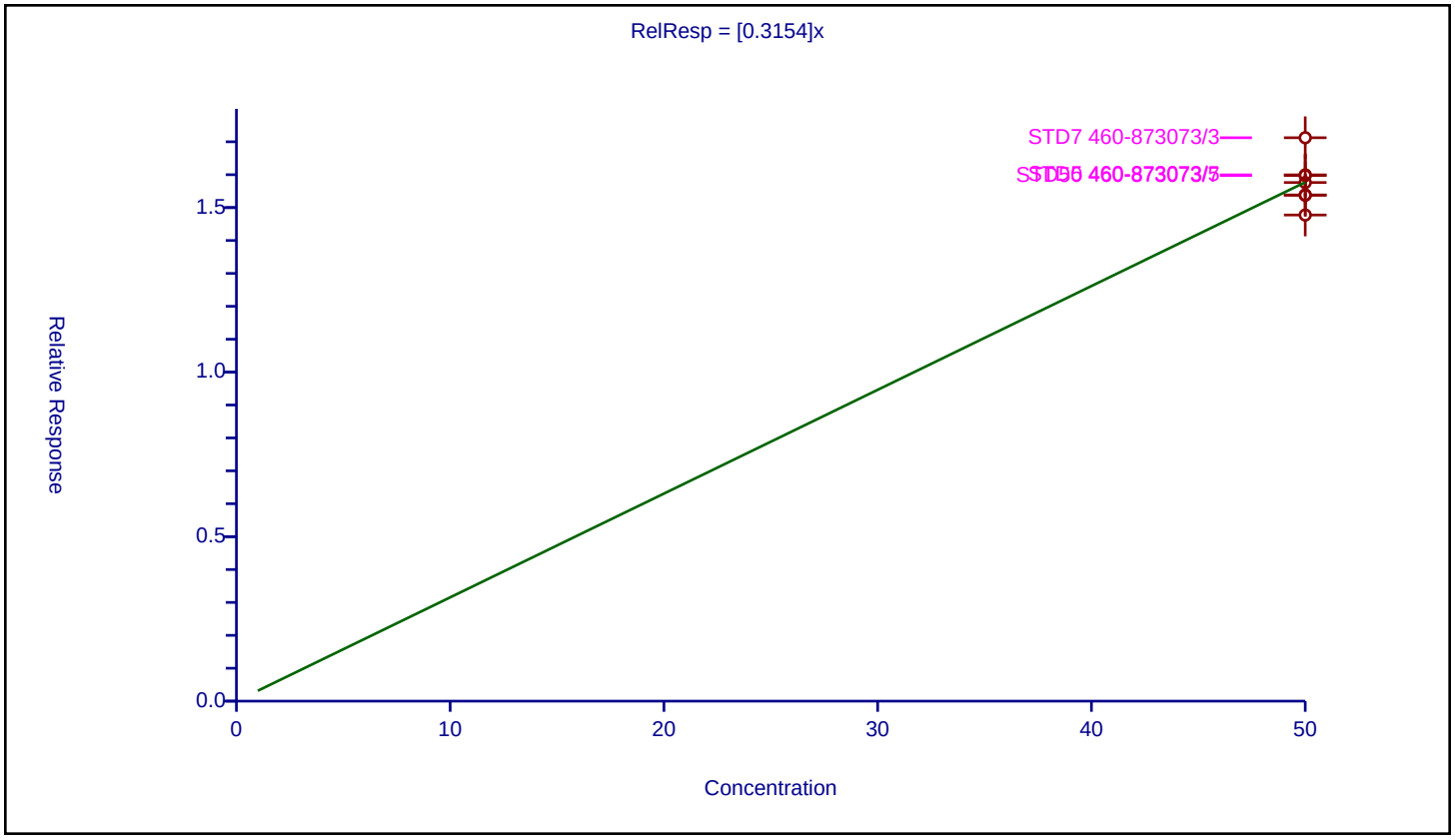
Curve Coefficients

Intercept:	0
Slope:	0.3154

Error Coefficients

Standard Error:	152000
Relative Standard Error:	4.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	50.0	17.12353	50.0	351163.0	0.342471	Y
2	STD1 460-873073/4	50.0	14.775215	50.0	403720.0	0.295504	Y
3	STD5 460-873073/5	50.0	15.994668	50.0	373934.0	0.319893	Y
4	STD20 460-873073/6	50.0	15.375363	50.0	458103.0	0.307507	Y
5	STD50 460-873073/7	50.0	15.974002	50.0	472812.0	0.31948	Y
6	STD200 460-873073/8	50.0	15.384332	50.0	515726.0	0.307687	Y
7	STD500 460-873073/9	50.0	15.761697	50.0	521067.0	0.315234	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

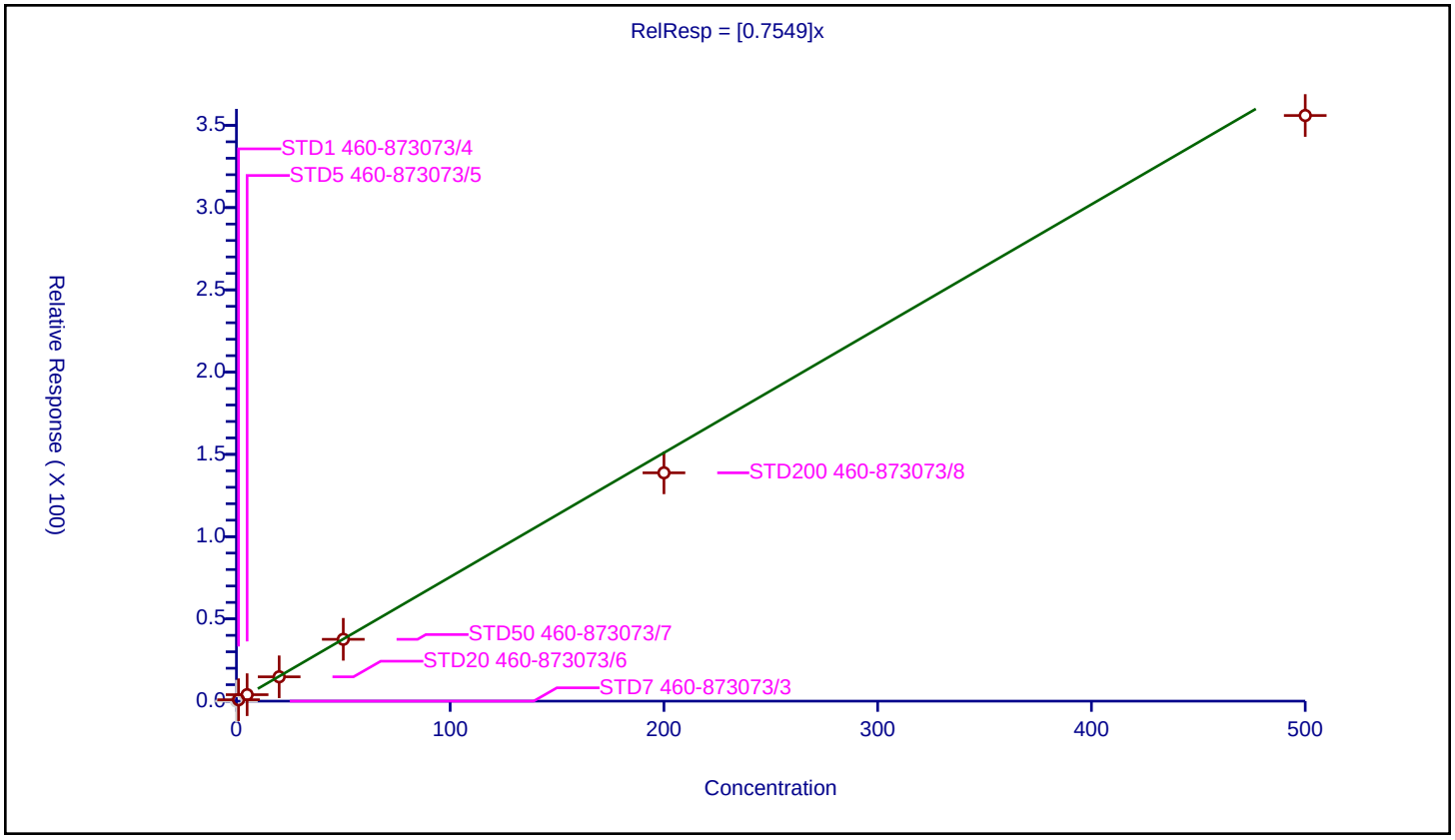
Curve Coefficients

Intercept:	0
Slope:	0.7549

Error Coefficients

Standard Error:	864000
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	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.84599	50.0	178962.0	0.84599	Y
3	STD5 460-873073/5	5.0	3.929072	50.0	184102.0	0.785814	Y
4	STD20 460-873073/6	20.0	14.792146	50.0	218447.0	0.739607	Y
5	STD50 460-873073/7	50.0	37.591587	50.0	233112.0	0.751832	Y
6	STD200 460-873073/8	200.0	138.789996	50.0	254710.0	0.69395	Y
7	STD500 460-873073/9	500.0	355.987465	50.0	251300.0	0.711975	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

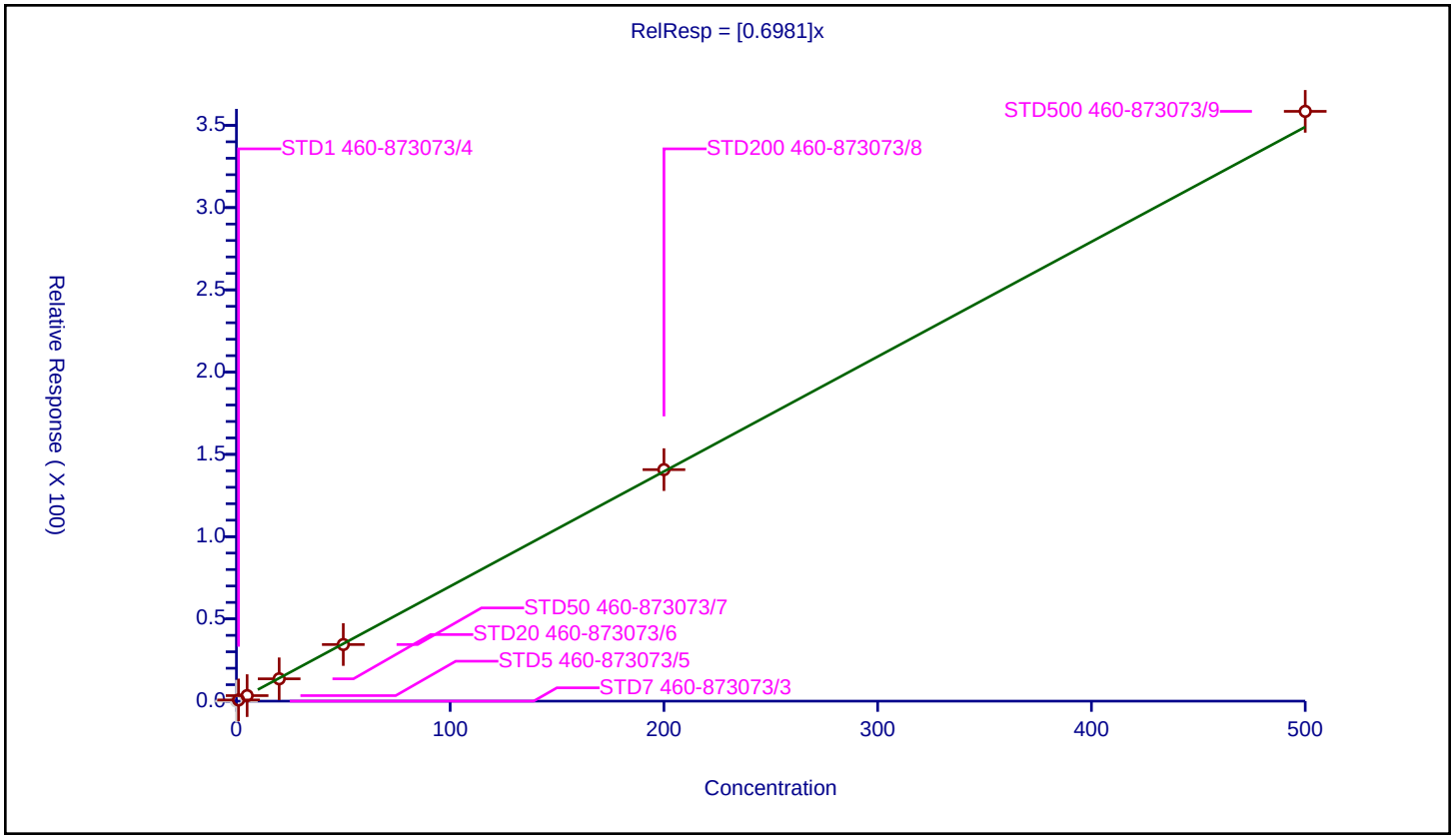
Curve Coefficients

Intercept:	0
Slope:	0.6981

Error Coefficients

Standard Error:	870000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.727529	50.0	178962.0	0.727529	Y
3	STD5 460-873073/5	5.0	3.364439	50.0	184102.0	0.672888	Y
4	STD20 460-873073/6	20.0	13.580411	50.0	218447.0	0.679021	Y
5	STD50 460-873073/7	50.0	34.413286	50.0	233112.0	0.688266	Y
6	STD200 460-873073/8	200.0	140.72612	50.0	254710.0	0.703631	Y
7	STD500 460-873073/9	500.0	358.507163	50.0	251300.0	0.717014	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

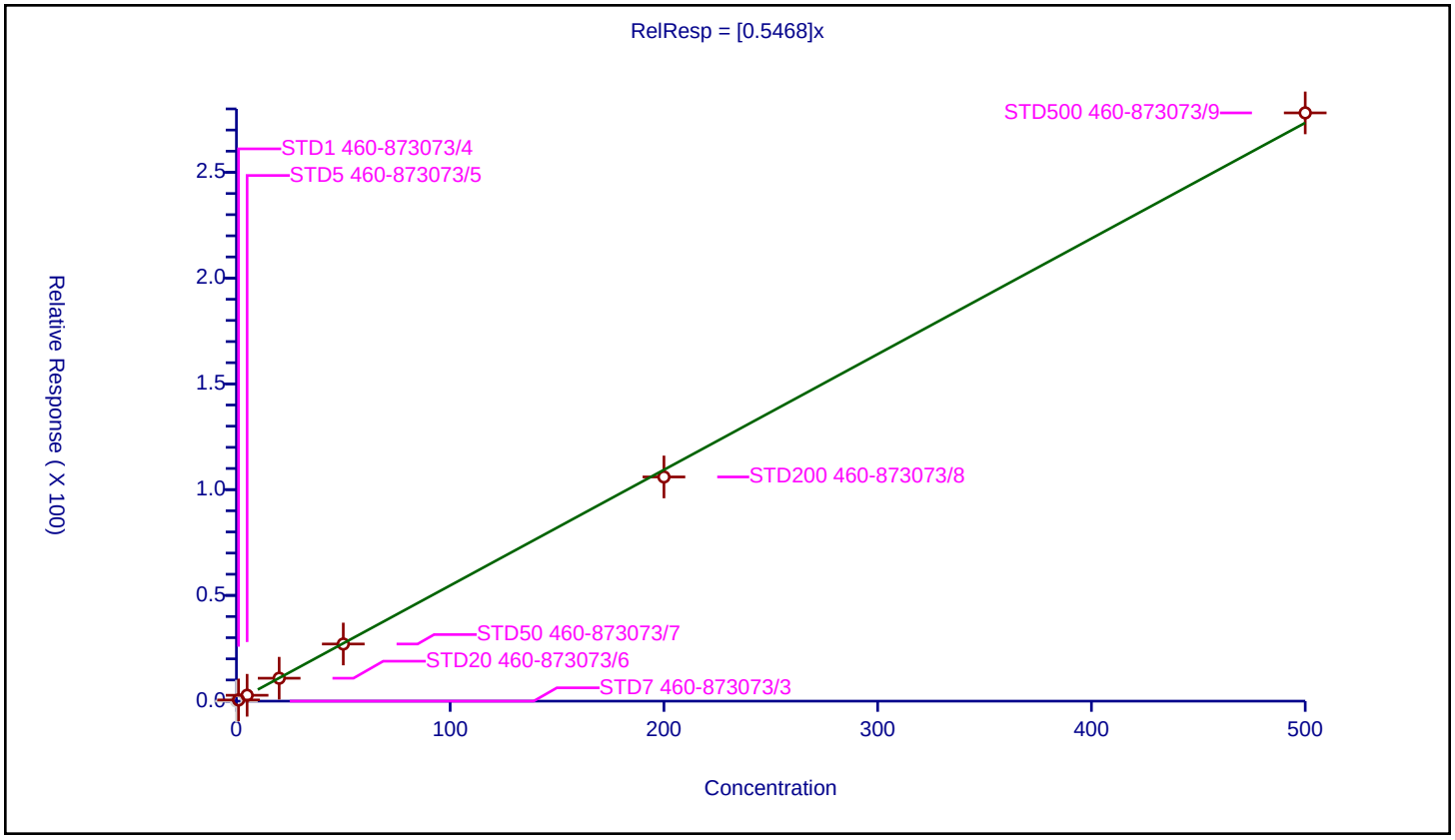
Curve Coefficients

Intercept:	0
Slope:	0.5468

Error Coefficients

Standard Error:	673000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.55794	50.0	178962.0	0.55794	Y
3	STD5 460-873073/5	5.0	2.774006	50.0	184102.0	0.554801	Y
4	STD20 460-873073/6	20.0	10.832834	50.0	218447.0	0.541642	Y
5	STD50 460-873073/7	50.0	27.01534	50.0	233112.0	0.540307	Y
6	STD200 460-873073/8	200.0	105.987594	50.0	254710.0	0.529938	Y
7	STD500 460-873073/9	500.0	278.105452	50.0	251300.0	0.556211	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

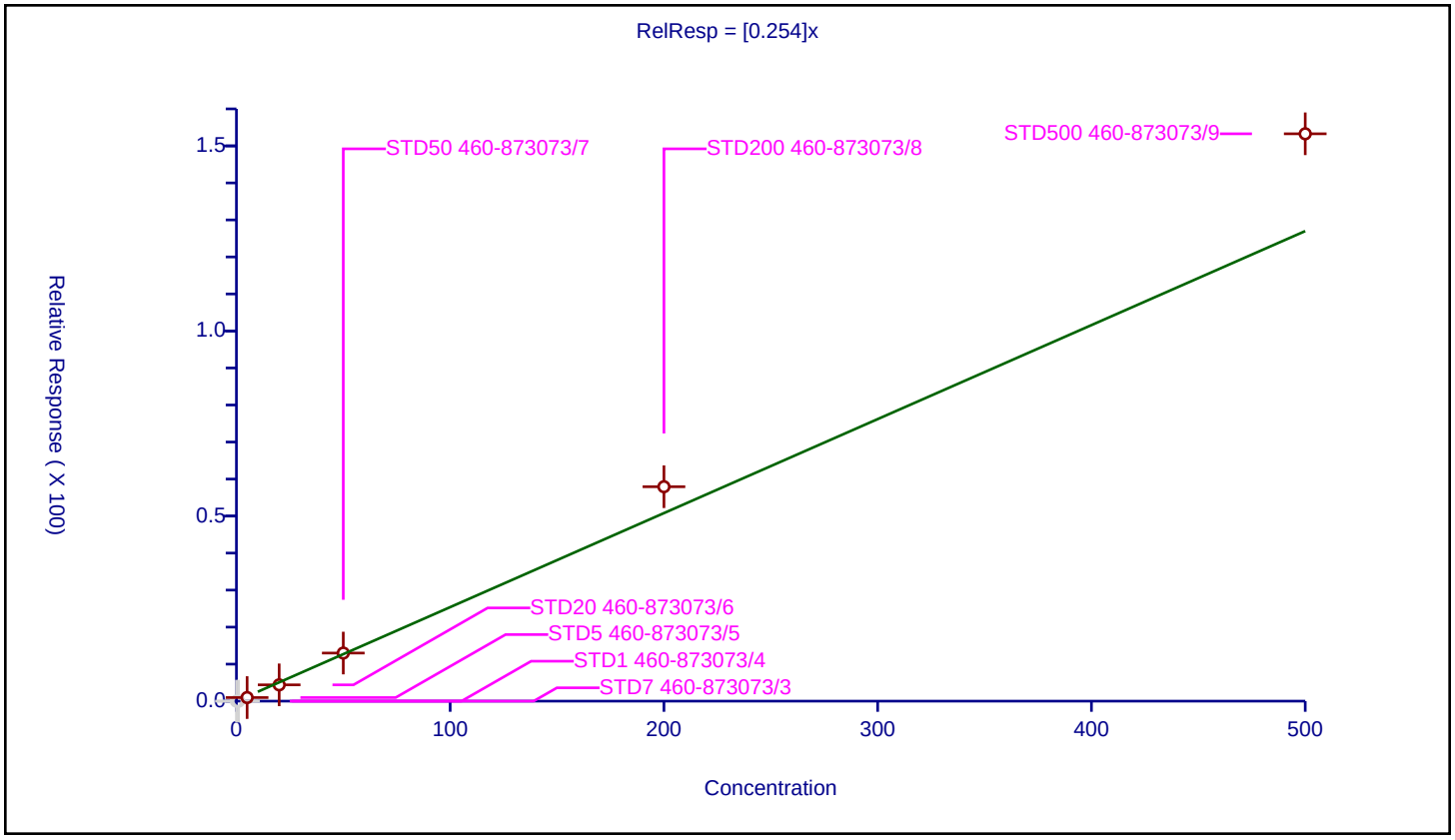
Curve Coefficients

Intercept:	0
Slope:	0.254

Error Coefficients

Standard Error:	414000
Relative Standard Error:	18.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.0	50.0	178962.0	0.0	N
3	STD5 460-873073/5	5.0	0.968756	50.0	184102.0	0.193751	Y
4	STD20 460-873073/6	20.0	4.401754	50.0	218447.0	0.220088	Y
5	STD50 460-873073/7	50.0	12.993754	50.0	233112.0	0.259875	Y
6	STD200 460-873073/8	200.0	57.924699	50.0	254710.0	0.289623	Y
7	STD500 460-873073/9	500.0	153.270195	50.0	251300.0	0.30654	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

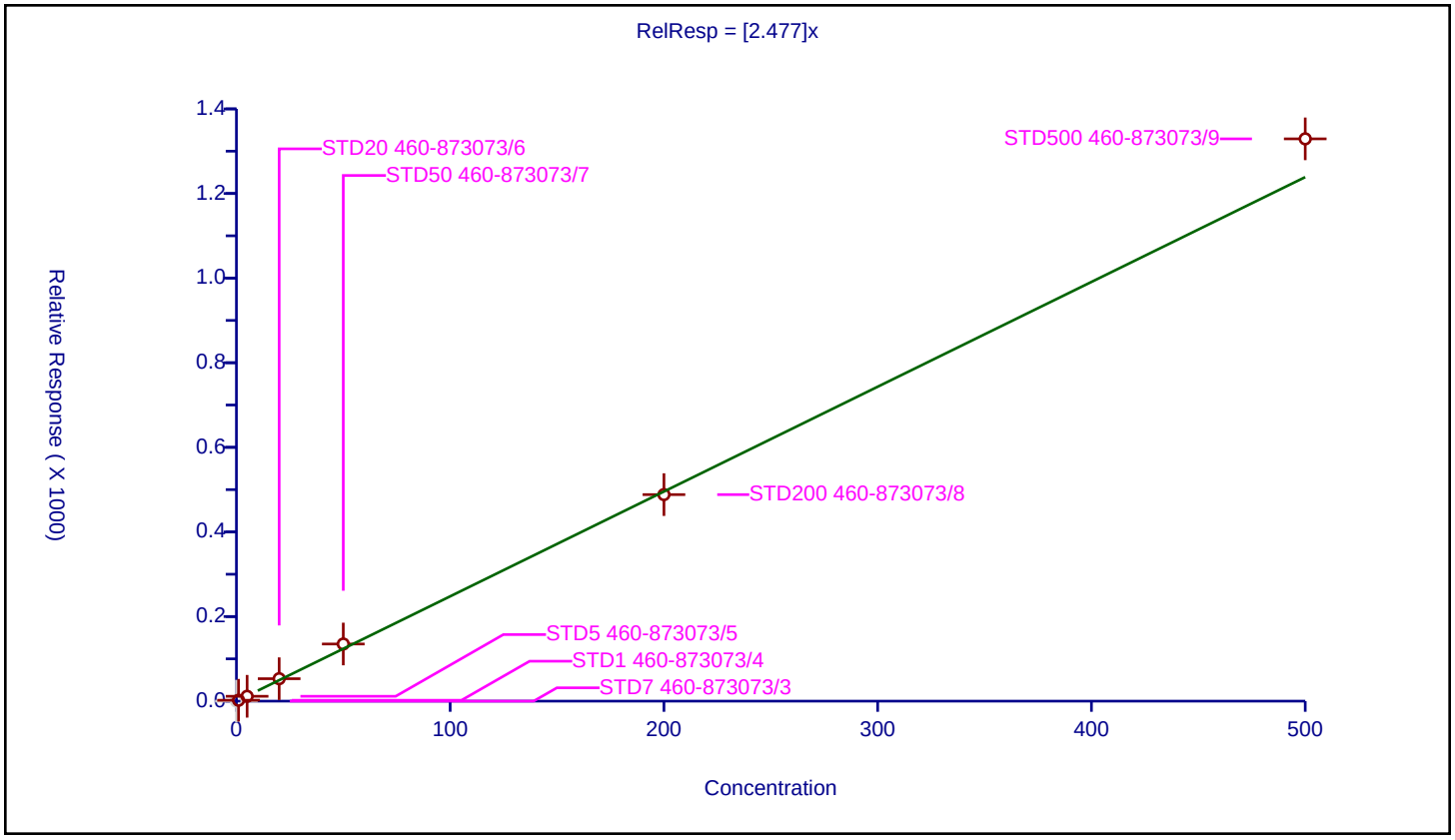
Curve Coefficients

Intercept:	0
Slope:	2.477

Error Coefficients

Standard Error:	3200000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.115812	50.0	178962.0	2.115812	Y
3	STD5 460-873073/5	5.0	11.472716	50.0	184102.0	2.294543	Y
4	STD20 460-873073/6	20.0	53.072599	50.0	218447.0	2.65363	Y
5	STD50 460-873073/7	50.0	135.052893	50.0	233112.0	2.701058	Y
6	STD200 460-873073/8	200.0	488.247615	50.0	254710.0	2.441238	Y
7	STD500 460-873073/9	500.0	1329.182451	50.0	251300.0	2.658365	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

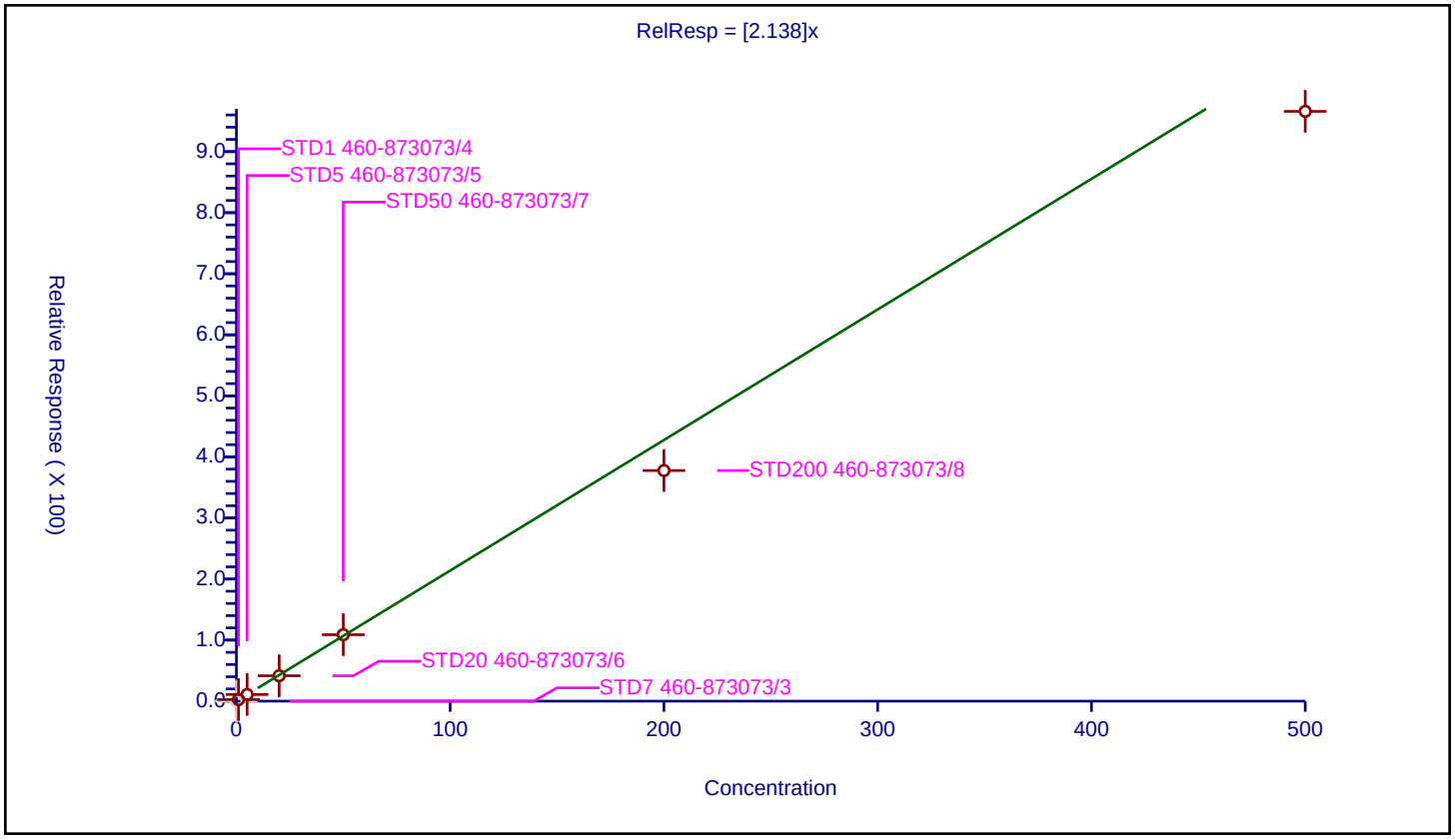
Curve Coefficients

Intercept:	0
Slope:	2.138

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.572613	50.0	178962.0	2.572613	Y
3	STD5 460-873073/5	5.0	10.901837	50.0	184102.0	2.180367	Y
4	STD20 460-873073/6	20.0	41.600022	50.0	218447.0	2.080001	Y
5	STD50 460-873073/7	50.0	108.818722	50.0	233112.0	2.176374	Y
6	STD200 460-873073/8	200.0	377.684622	50.0	254710.0	1.888423	Y
7	STD500 460-873073/9	500.0	965.957421	50.0	251300.0	1.931915	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

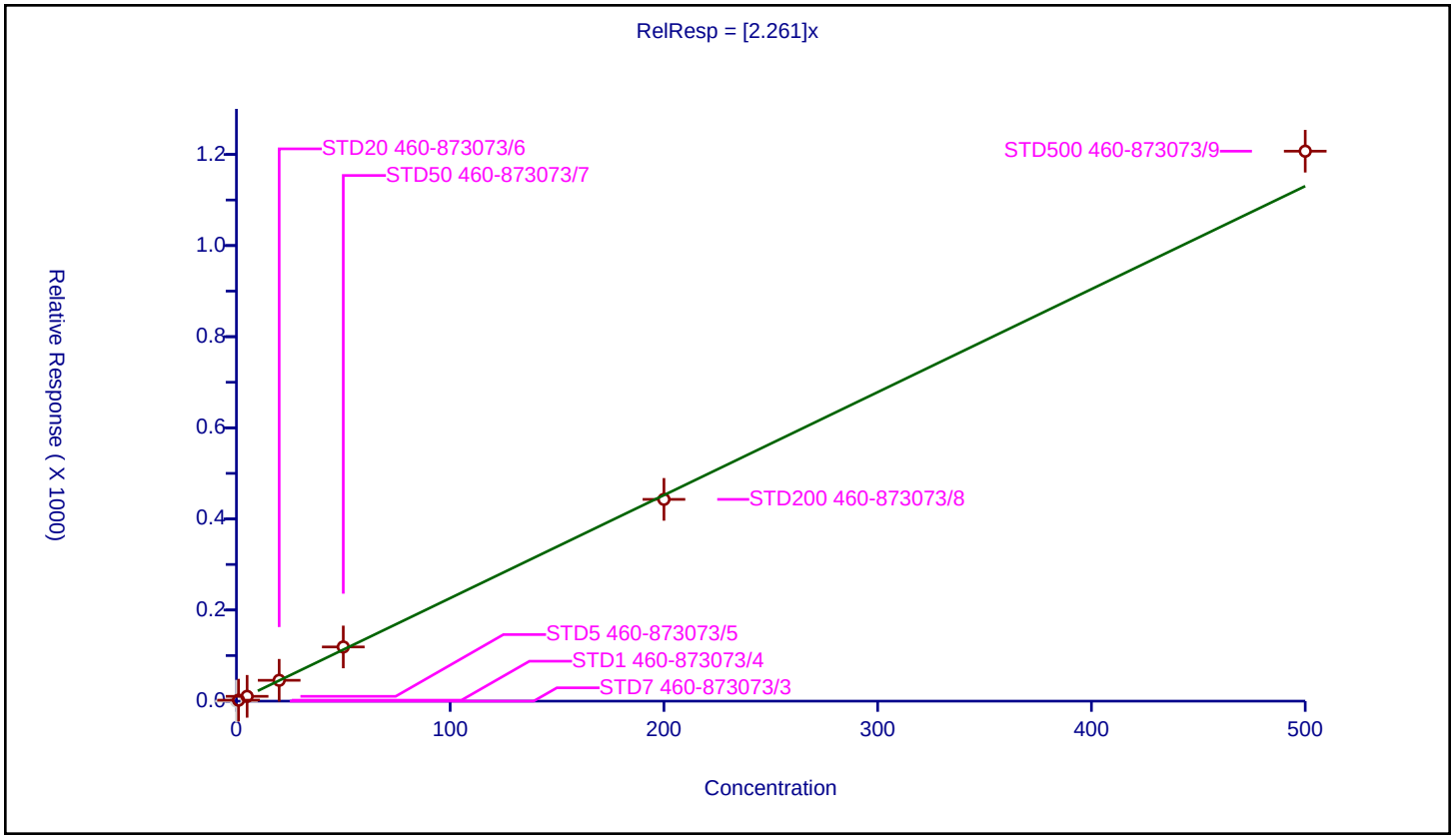
Curve Coefficients

Intercept:	0
Slope:	2.261

Error Coefficients

Standard Error:	2910000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.156044	50.0	178962.0	2.156044	Y
3	STD5 460-873073/5	5.0	10.577017	50.0	184102.0	2.115403	Y
4	STD20 460-873073/6	20.0	45.73329	50.0	218447.0	2.286664	Y
5	STD50 460-873073/7	50.0	118.933388	50.0	233112.0	2.378668	Y
6	STD200 460-873073/8	200.0	442.873464	50.0	254710.0	2.214367	Y
7	STD500 460-873073/9	500.0	1207.149821	50.0	251300.0	2.4143	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

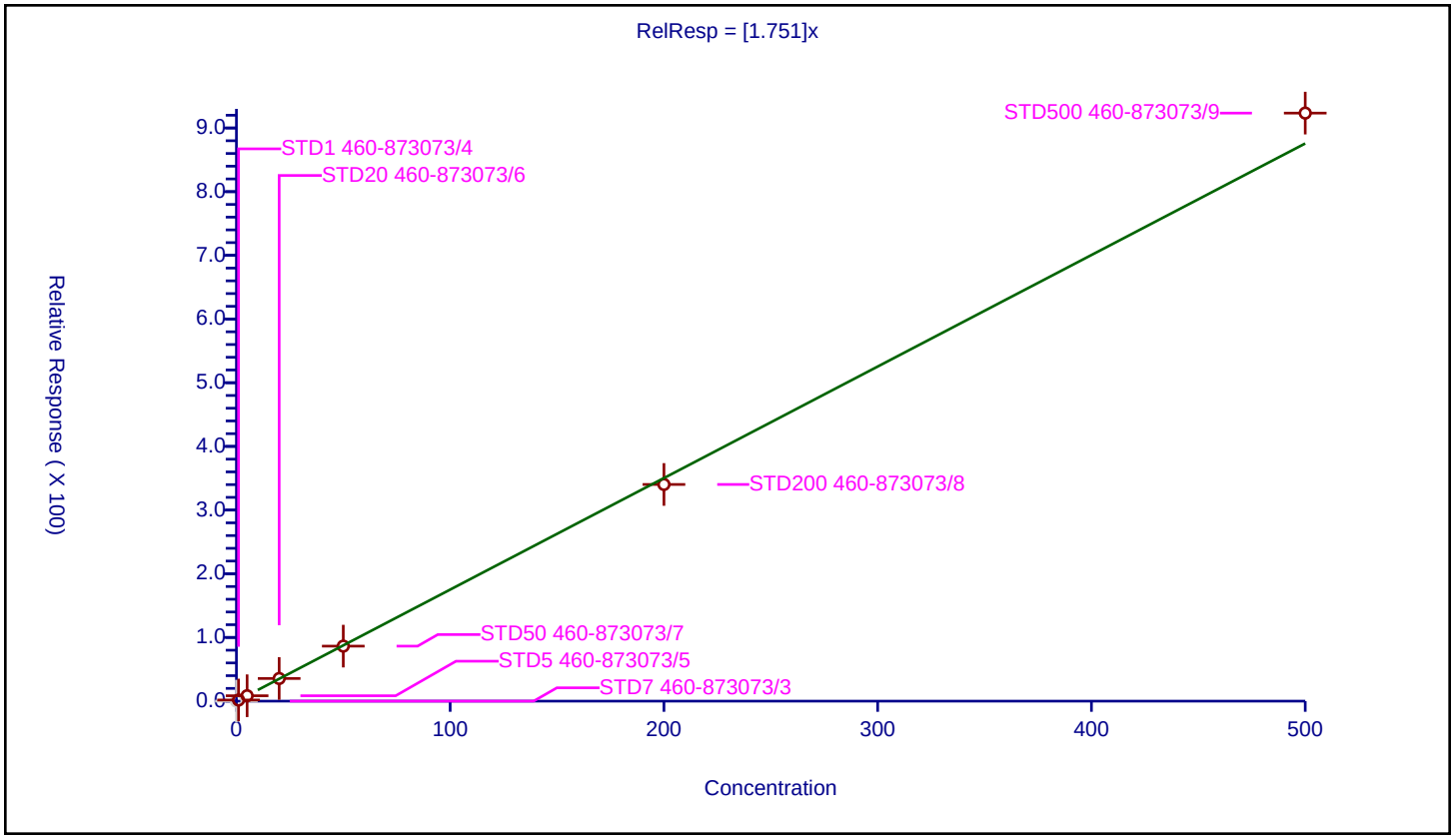
Curve Coefficients

Intercept:	0
Slope:	1.751

Error Coefficients

Standard Error:	2220000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.762944	50.0	178962.0	1.762944	Y
3	STD5 460-873073/5	5.0	8.453194	50.0	184102.0	1.690639	Y
4	STD20 460-873073/6	20.0	35.569955	50.0	218447.0	1.778498	Y
5	STD50 460-873073/7	50.0	86.391305	50.0	233112.0	1.727826	Y
6	STD200 460-873073/8	200.0	340.271093	50.0	254710.0	1.701355	Y
7	STD500 460-873073/9	500.0	923.407879	50.0	251300.0	1.846816	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

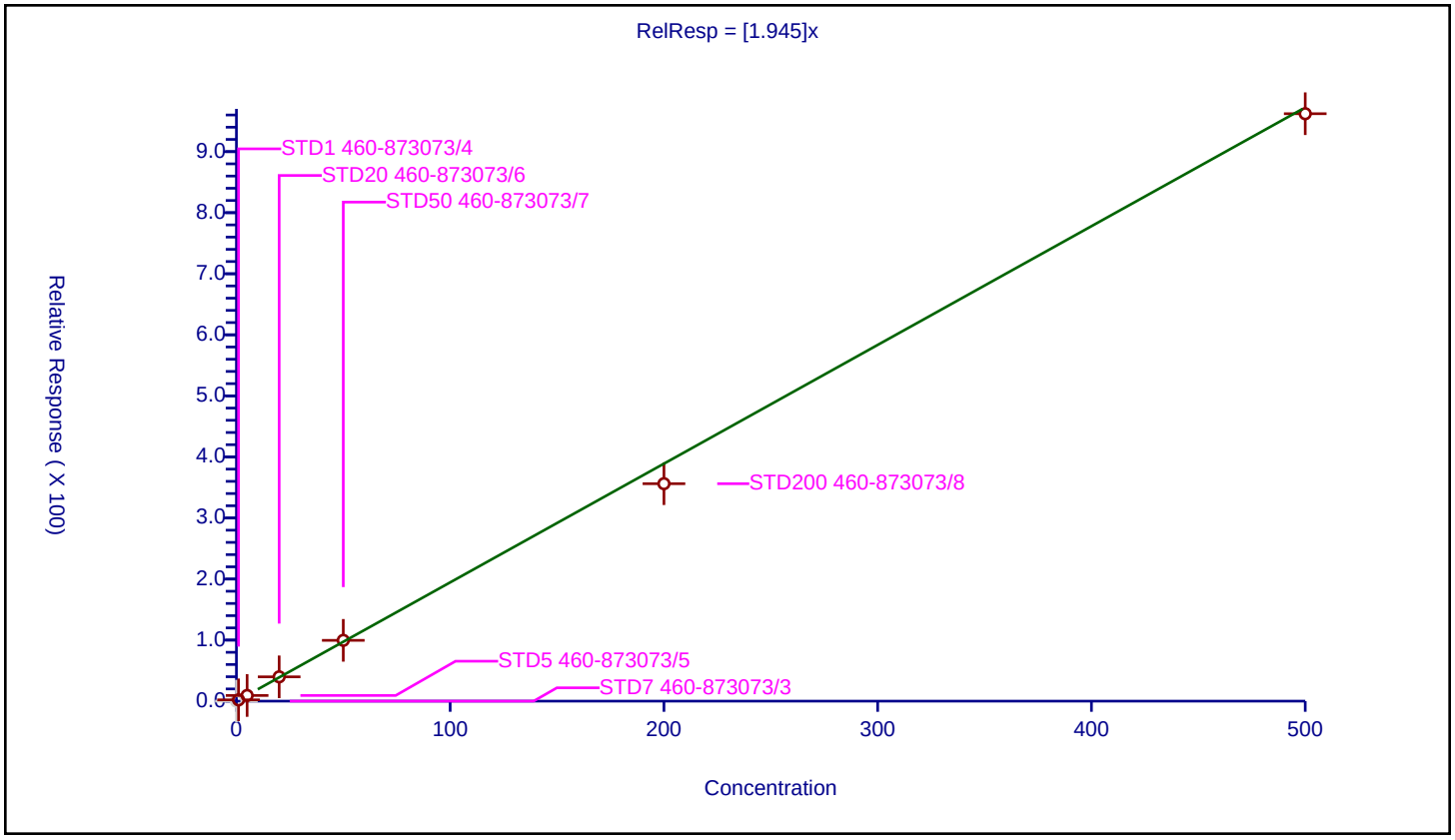
Curve Coefficients

Intercept:	0
Slope:	1.945

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.126988	50.0	178962.0	2.126988	Y
3	STD5 460-873073/5	5.0	9.27475	50.0	184102.0	1.85495	Y
4	STD20 460-873073/6	20.0	39.795465	50.0	218447.0	1.989773	Y
5	STD50 460-873073/7	50.0	99.575311	50.0	233112.0	1.991506	Y
6	STD200 460-873073/8	200.0	356.165639	50.0	254710.0	1.780828	Y
7	STD500 460-873073/9	500.0	962.097891	50.0	251300.0	1.924196	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

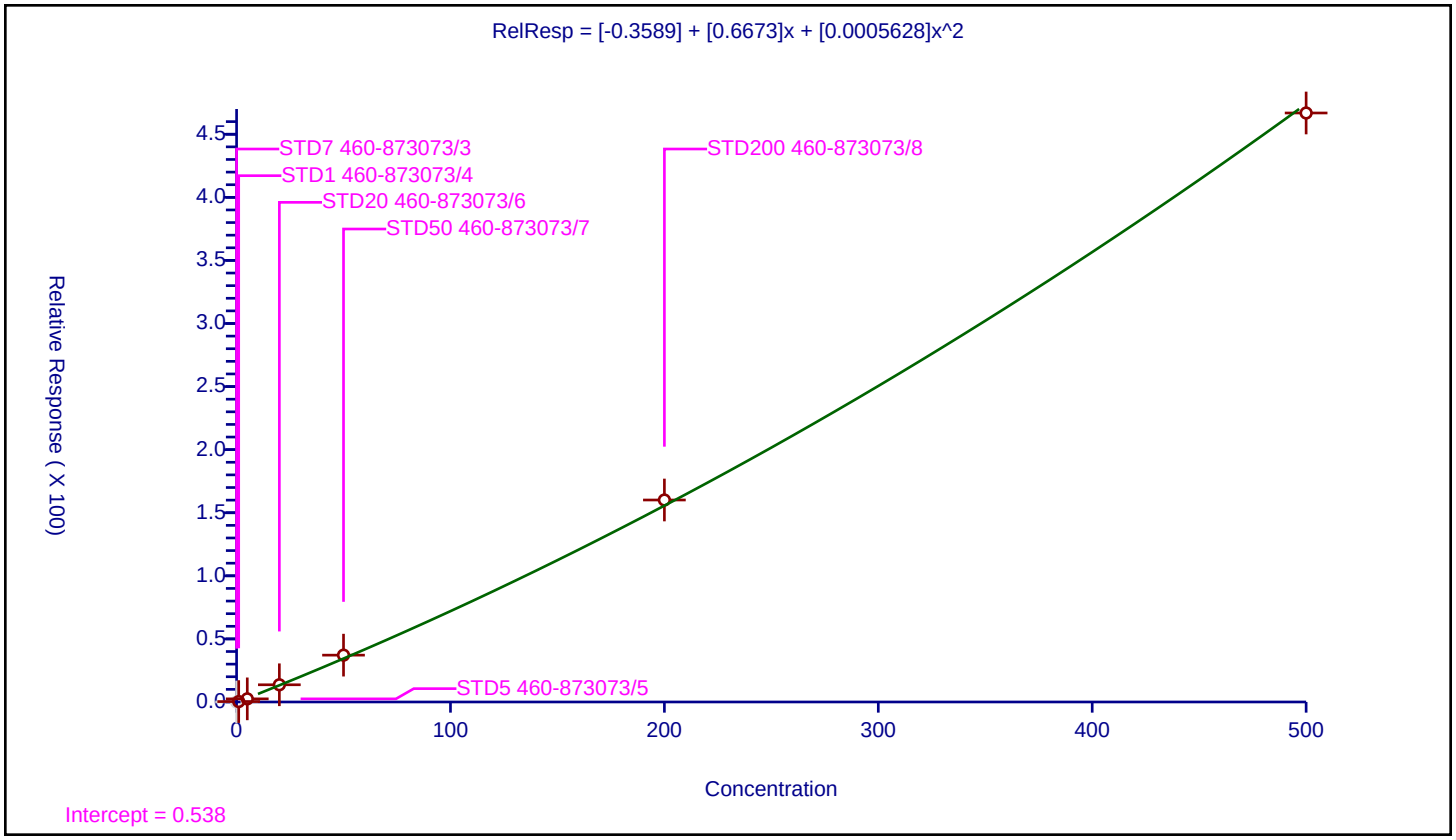
Curve Coefficients

Intercept:	-0.3589
Slope:	0.6673
Second Order:	0.0005628

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.327164	50.0	178962.0	0.327164	Y
3	STD5 460-873073/5	5.0	2.481233	50.0	184102.0	0.496247	Y
4	STD20 460-873073/6	20.0	13.641982	50.0	218447.0	0.682099	Y
5	STD50 460-873073/7	50.0	37.124215	50.0	233112.0	0.742484	Y
6	STD200 460-873073/8	200.0	160.105218	50.0	254710.0	0.800526	Y
7	STD500 460-873073/9	500.0	466.846996	50.0	251300.0	0.933694	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

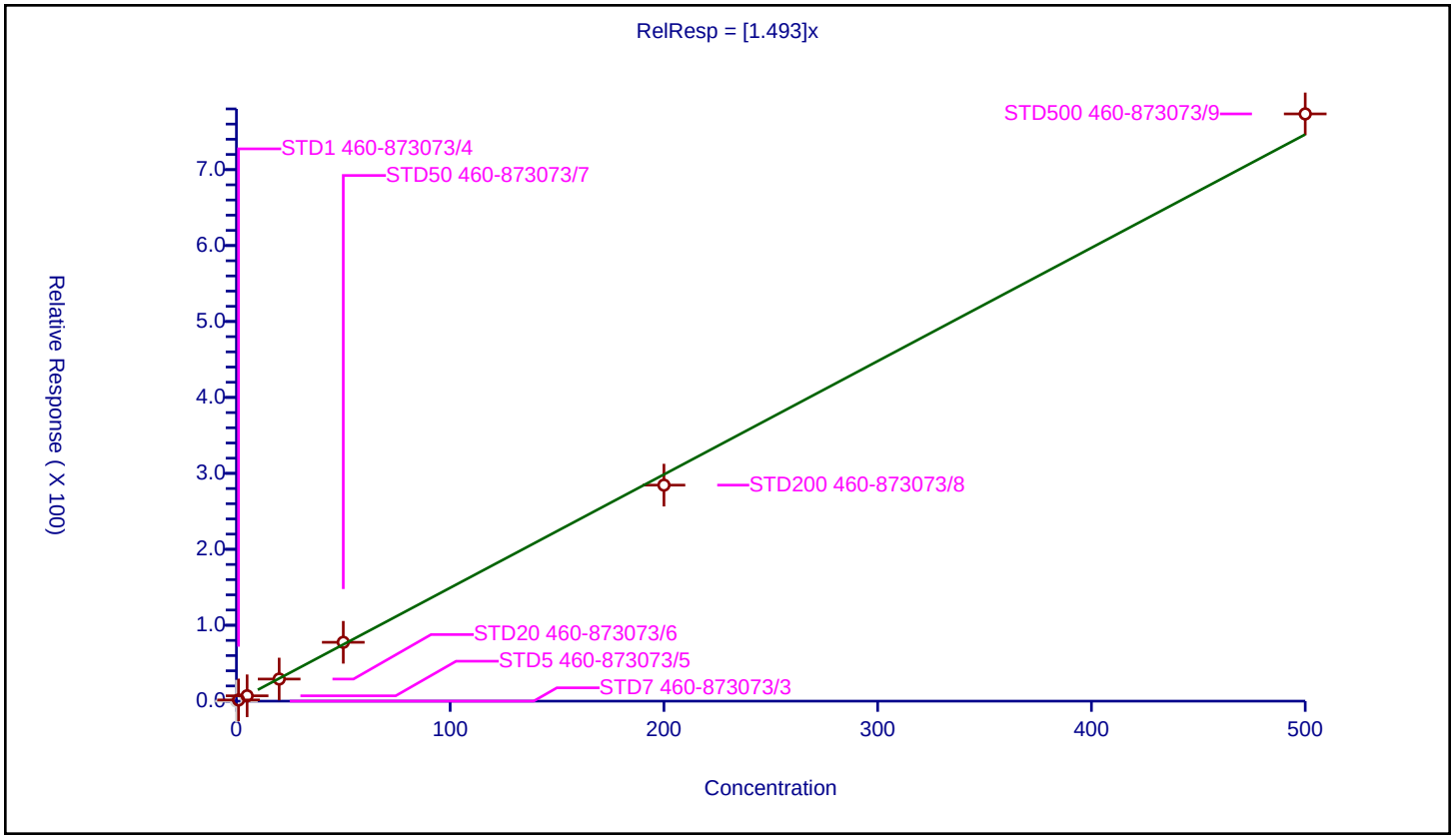
Curve Coefficients

Intercept:	0
Slope:	1.493

Error Coefficients

Standard Error:	1860000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.576592	50.0	178962.0	1.576592	Y
3	STD5 460-873073/5	5.0	7.024367	50.0	184102.0	1.404873	Y
4	STD20 460-873073/6	20.0	29.099736	50.0	218447.0	1.454987	Y
5	STD50 460-873073/7	50.0	77.511668	50.0	233112.0	1.550233	Y
6	STD200 460-873073/8	200.0	284.501001	50.0	254710.0	1.422505	Y
7	STD500 460-873073/9	500.0	773.392161	50.0	251300.0	1.546784	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

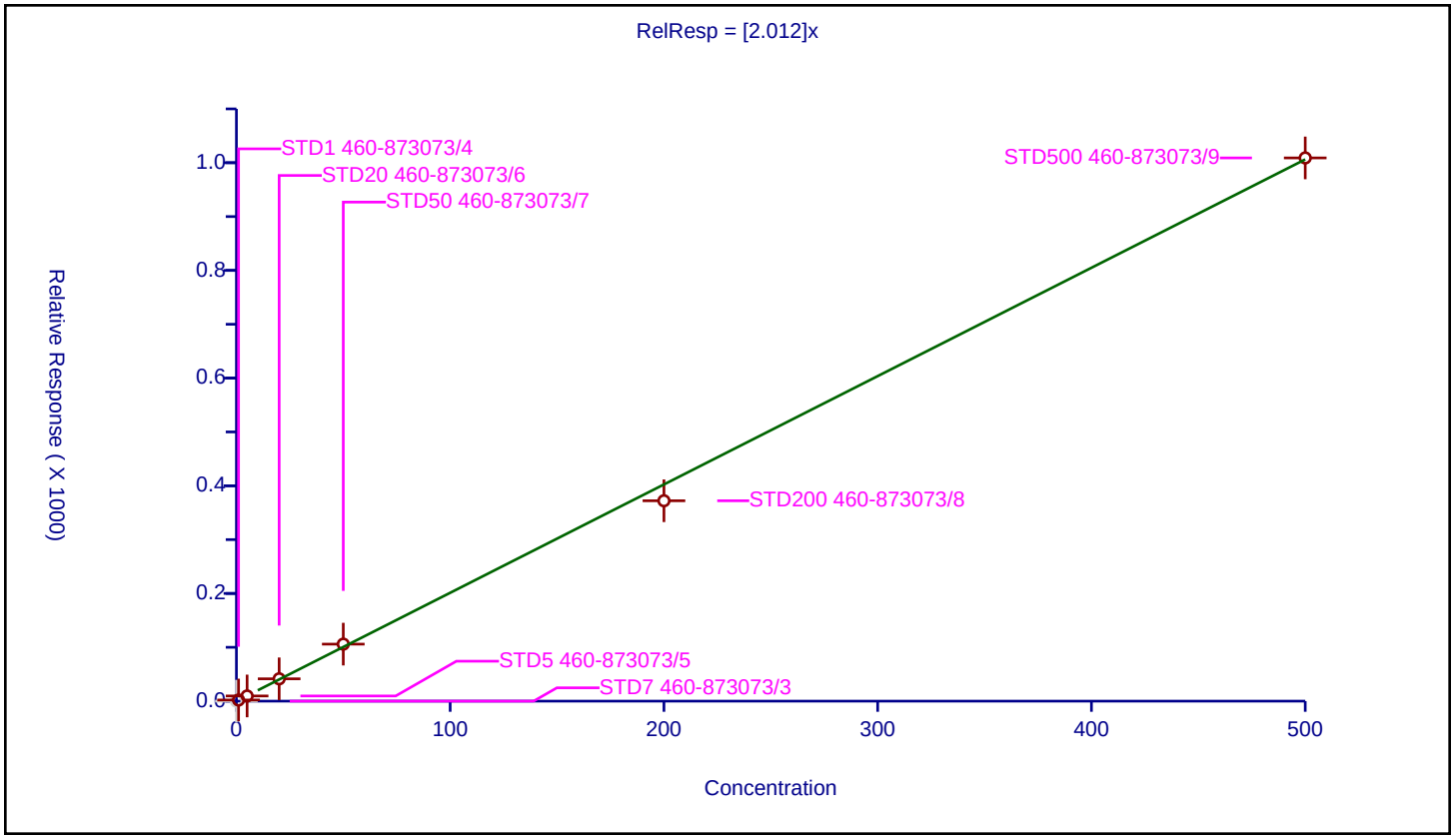
Curve Coefficients

Intercept:	0
Slope:	2.012

Error Coefficients

Standard Error:	2430000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.084241	50.0	178962.0	2.084241	Y
3	STD5 460-873073/5	5.0	9.599298	50.0	184102.0	1.91986	Y
4	STD20 460-873073/6	20.0	41.474591	50.0	218447.0	2.07373	Y
5	STD50 460-873073/7	50.0	105.865635	50.0	233112.0	2.117313	Y
6	STD200 460-873073/8	200.0	372.155981	50.0	254710.0	1.86078	Y
7	STD500 460-873073/9	500.0	1008.917031	50.0	251300.0	2.017834	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

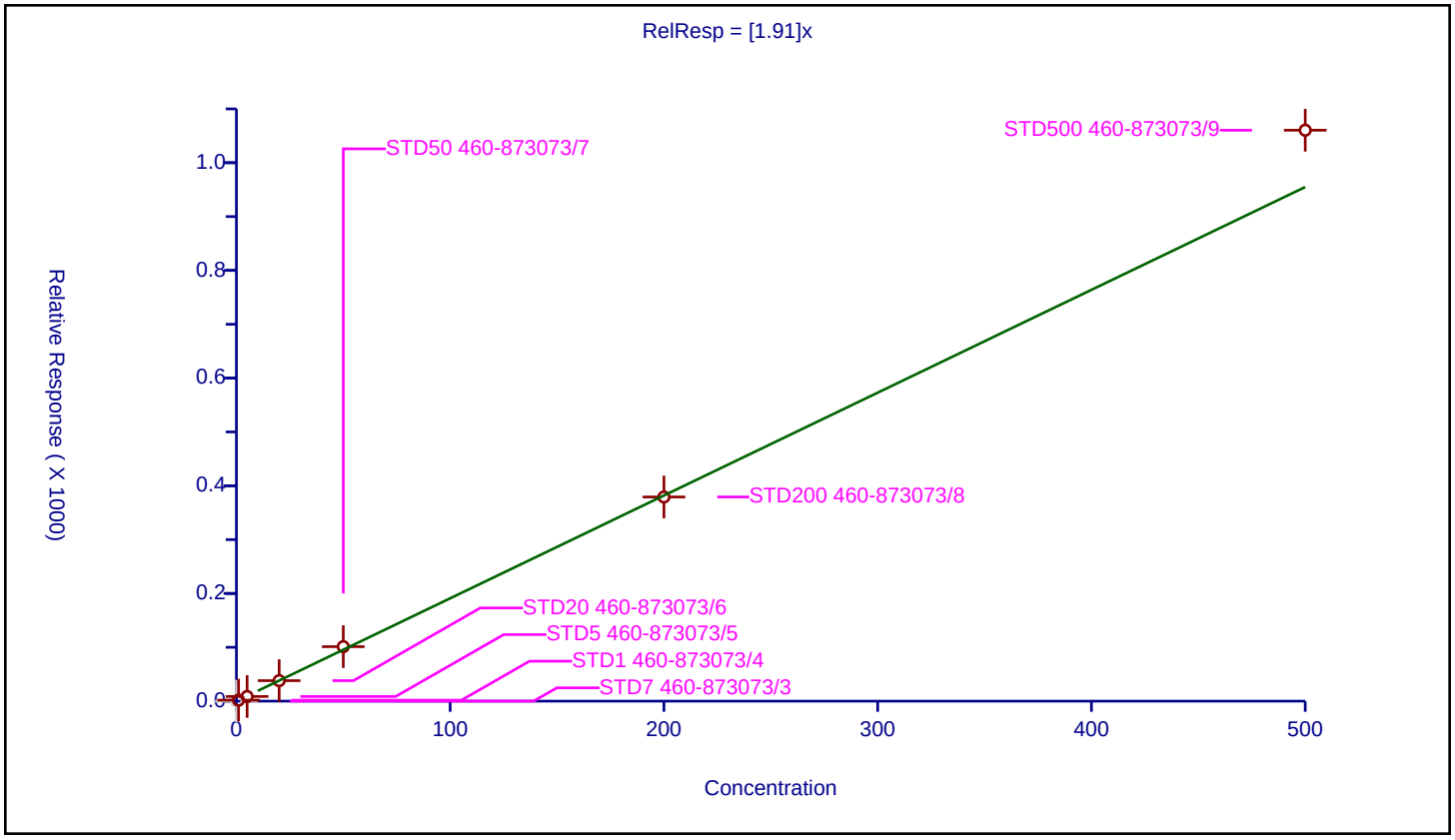
Curve Coefficients

Intercept:	0
Slope:	1.91

Error Coefficients

Standard Error:	2540000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.792839	50.0	178962.0	1.792839	Y
3	STD5 460-873073/5	5.0	8.609358	50.0	184102.0	1.721872	Y
4	STD20 460-873073/6	20.0	38.0669	50.0	218447.0	1.903345	Y
5	STD50 460-873073/7	50.0	101.187627	50.0	233112.0	2.023753	Y
6	STD200 460-873073/8	200.0	379.179263	50.0	254710.0	1.895896	Y
7	STD500 460-873073/9	500.0	1060.393752	50.0	251300.0	2.120788	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

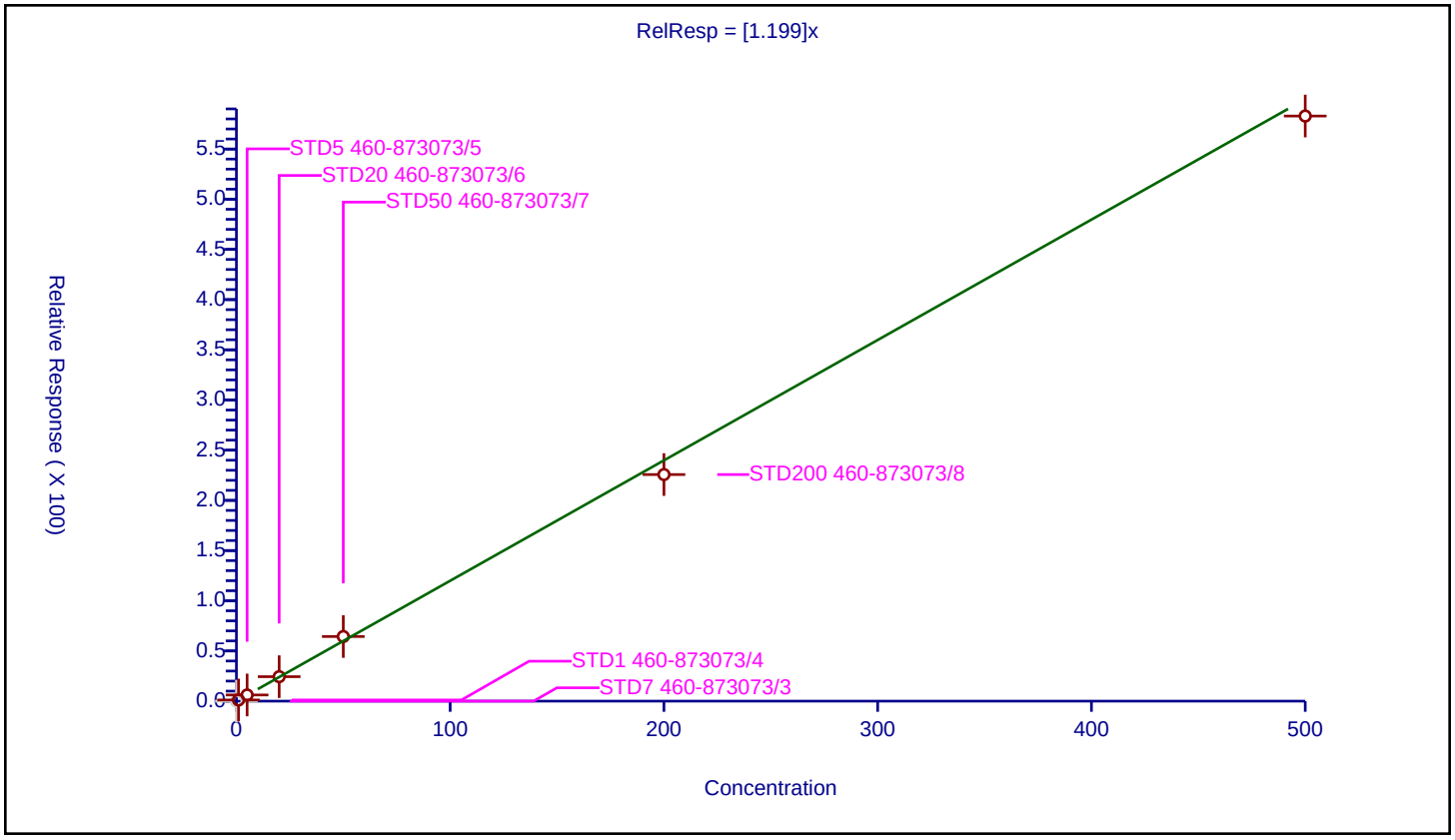
Curve Coefficients

Intercept:	0
Slope:	1.199

Error Coefficients

Standard Error:	1410000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.165611	50.0	178962.0	1.165611	Y
3	STD5 460-873073/5	5.0	6.148494	50.0	184102.0	1.229699	Y
4	STD20 460-873073/6	20.0	24.366322	50.0	218447.0	1.218316	Y
5	STD50 460-873073/7	50.0	64.369702	50.0	233112.0	1.287394	Y
6	STD200 460-873073/8	200.0	225.720035	50.0	254710.0	1.1286	Y
7	STD500 460-873073/9	500.0	582.896538	50.0	251300.0	1.165793	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

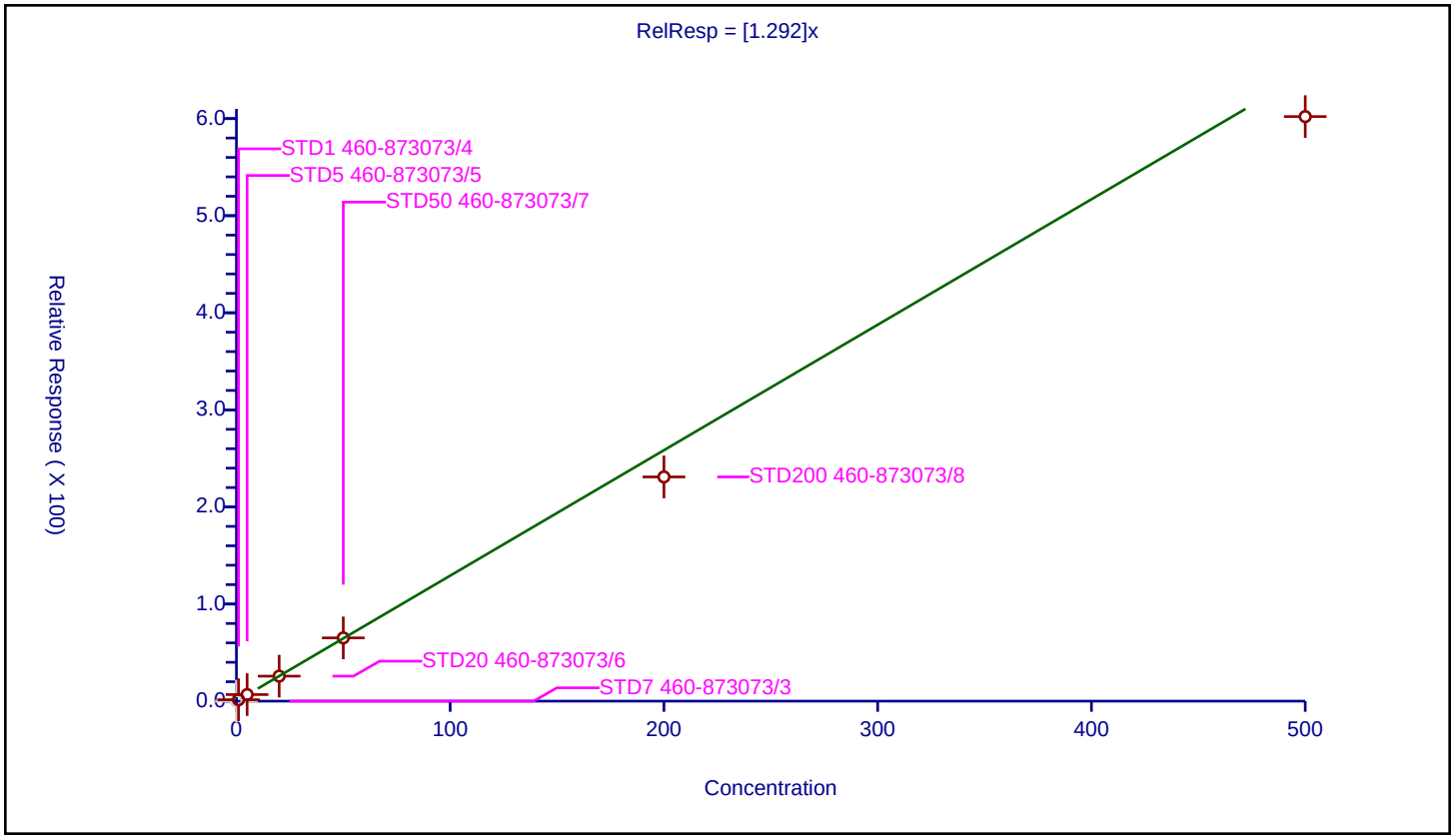
Curve Coefficients

Intercept:	0
Slope:	1.292

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.450308	50.0	178962.0	1.450308	Y
3	STD5 460-873073/5	5.0	6.769074	50.0	184102.0	1.353815	Y
4	STD20 460-873073/6	20.0	25.751784	50.0	218447.0	1.287589	Y
5	STD50 460-873073/7	50.0	65.13264	50.0	233112.0	1.302653	Y
6	STD200 460-873073/8	200.0	230.947156	50.0	254710.0	1.154736	Y
7	STD500 460-873073/9	500.0	602.076602	50.0	251300.0	1.204153	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

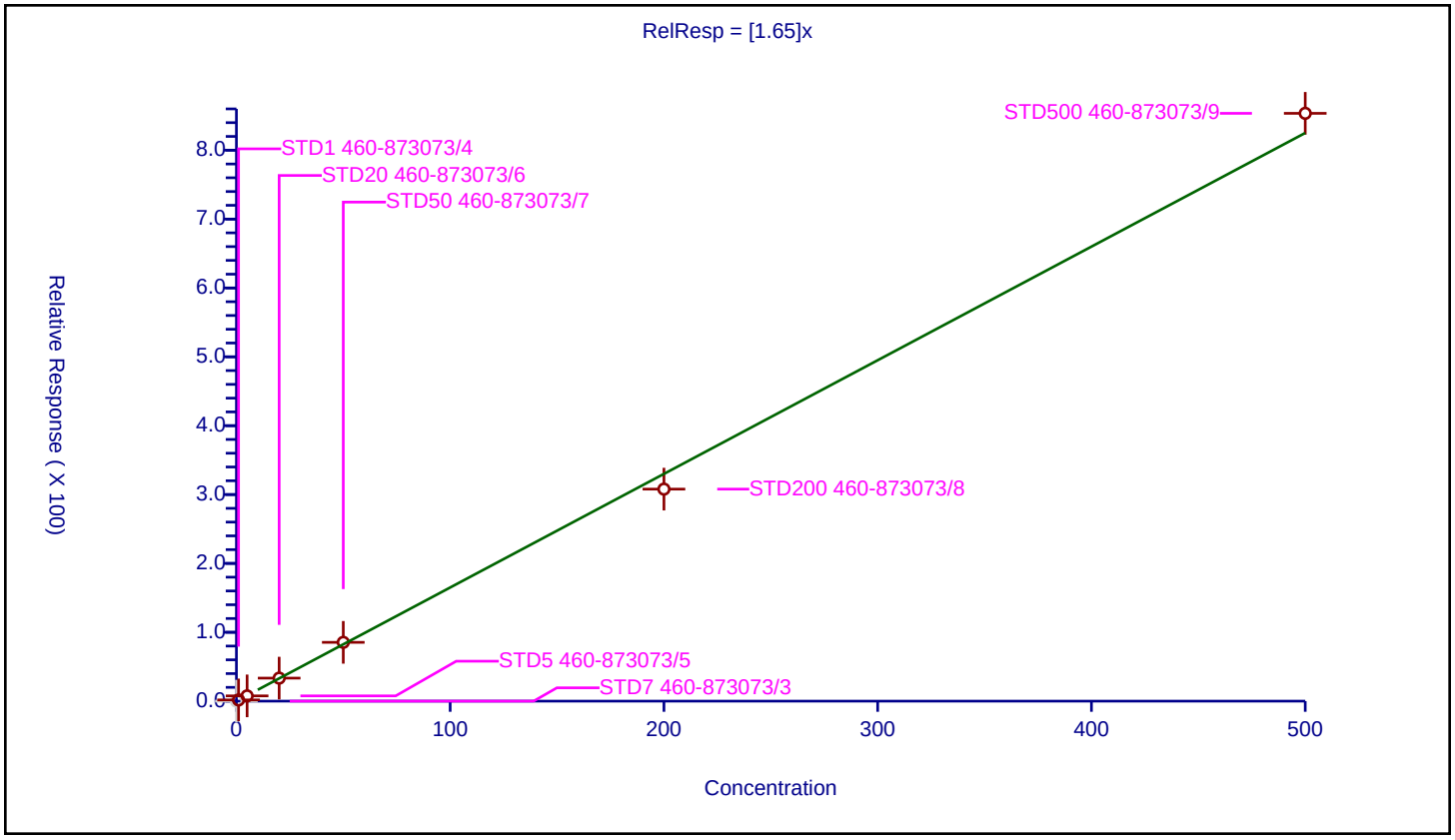
Curve Coefficients

Intercept:	0
Slope:	1.65

Error Coefficients

Standard Error:	2050000
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	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.74674	50.0	178962.0	1.74674	Y
3	STD5 460-873073/5	5.0	7.641959	50.0	184102.0	1.528392	Y
4	STD20 460-873073/6	20.0	33.420006	50.0	218447.0	1.671	Y
5	STD50 460-873073/7	50.0	85.387711	50.0	233112.0	1.707754	Y
6	STD200 460-873073/8	200.0	307.866986	50.0	254710.0	1.539335	Y
7	STD500 460-873073/9	500.0	853.534819	50.0	251300.0	1.70707	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

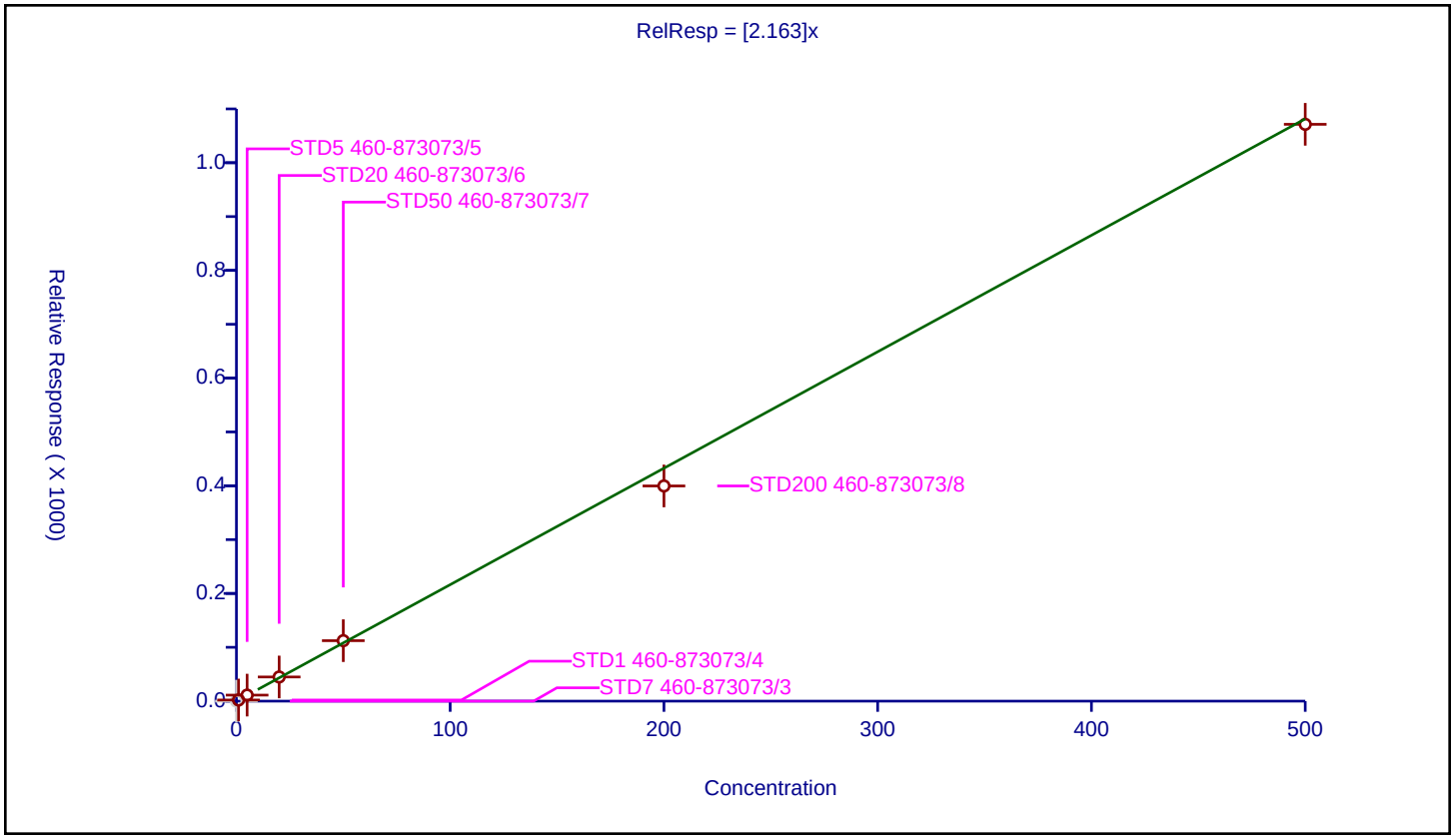
Curve Coefficients

Intercept:	0
Slope:	2.163

Error Coefficients

Standard Error:	2590000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.106872	50.0	178962.0	2.106872	Y
3	STD5 460-873073/5	5.0	11.193795	50.0	184102.0	2.238759	Y
4	STD20 460-873073/6	20.0	44.907003	50.0	218447.0	2.24535	Y
5	STD50 460-873073/7	50.0	112.303957	50.0	233112.0	2.246079	Y
6	STD200 460-873073/8	200.0	399.694947	50.0	254710.0	1.998475	Y
7	STD500 460-873073/9	500.0	1071.336053	50.0	251300.0	2.142672	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

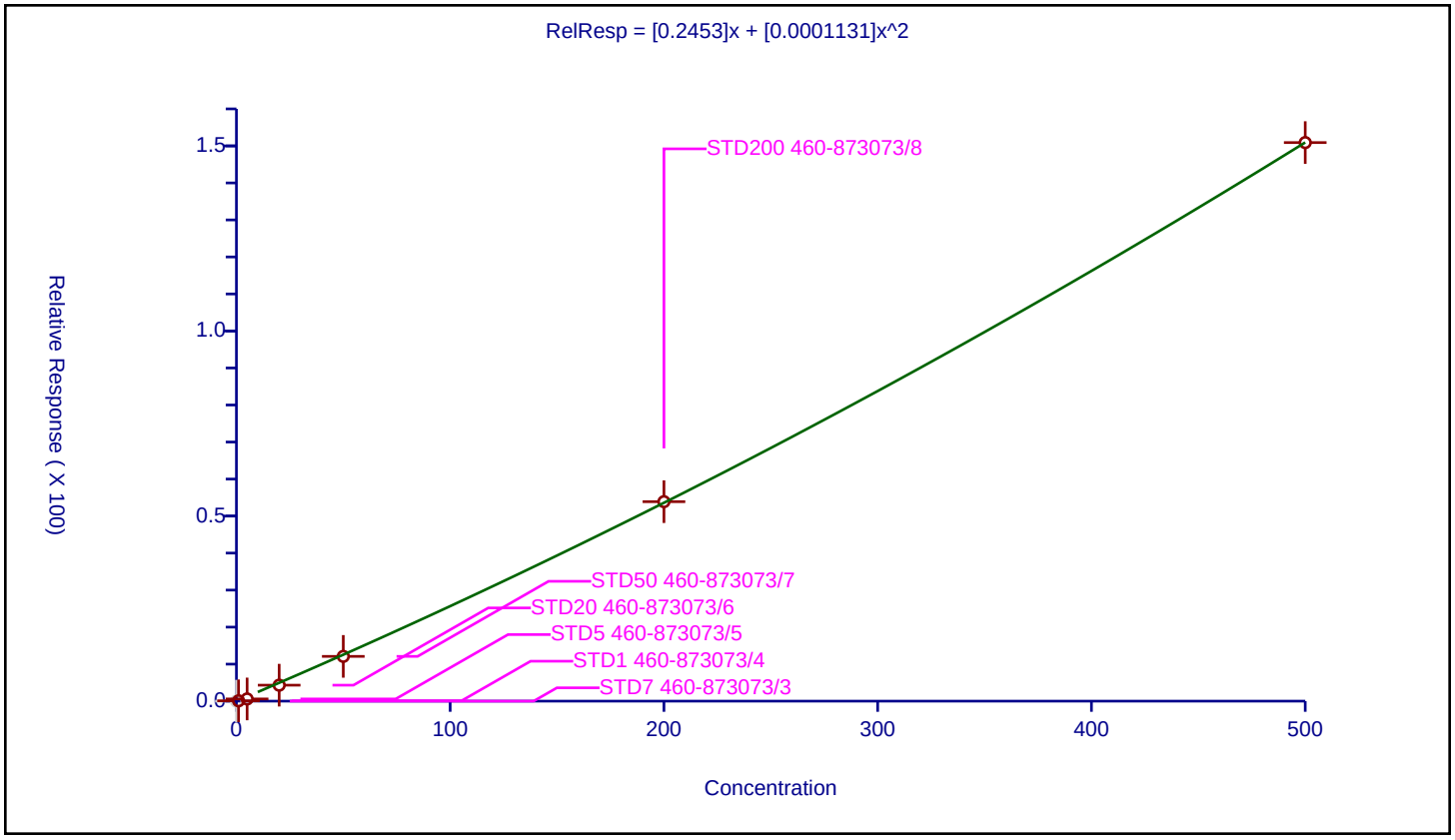
Curve Coefficients

Intercept:	0
Slope:	0.2453
Second Order:	0.0001131

Error Coefficients

Standard Error:	404000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.088287	50.0	178962.0	0.088287	Y
3	STD5 460-873073/5	5.0	0.591248	50.0	184102.0	0.11825	Y
4	STD20 460-873073/6	20.0	4.31203	50.0	218447.0	0.215601	Y
5	STD50 460-873073/7	50.0	12.0929	50.0	233112.0	0.241858	Y
6	STD200 460-873073/8	200.0	53.887362	50.0	254710.0	0.269437	Y
7	STD500 460-873073/9	500.0	150.894747	50.0	251300.0	0.301789	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

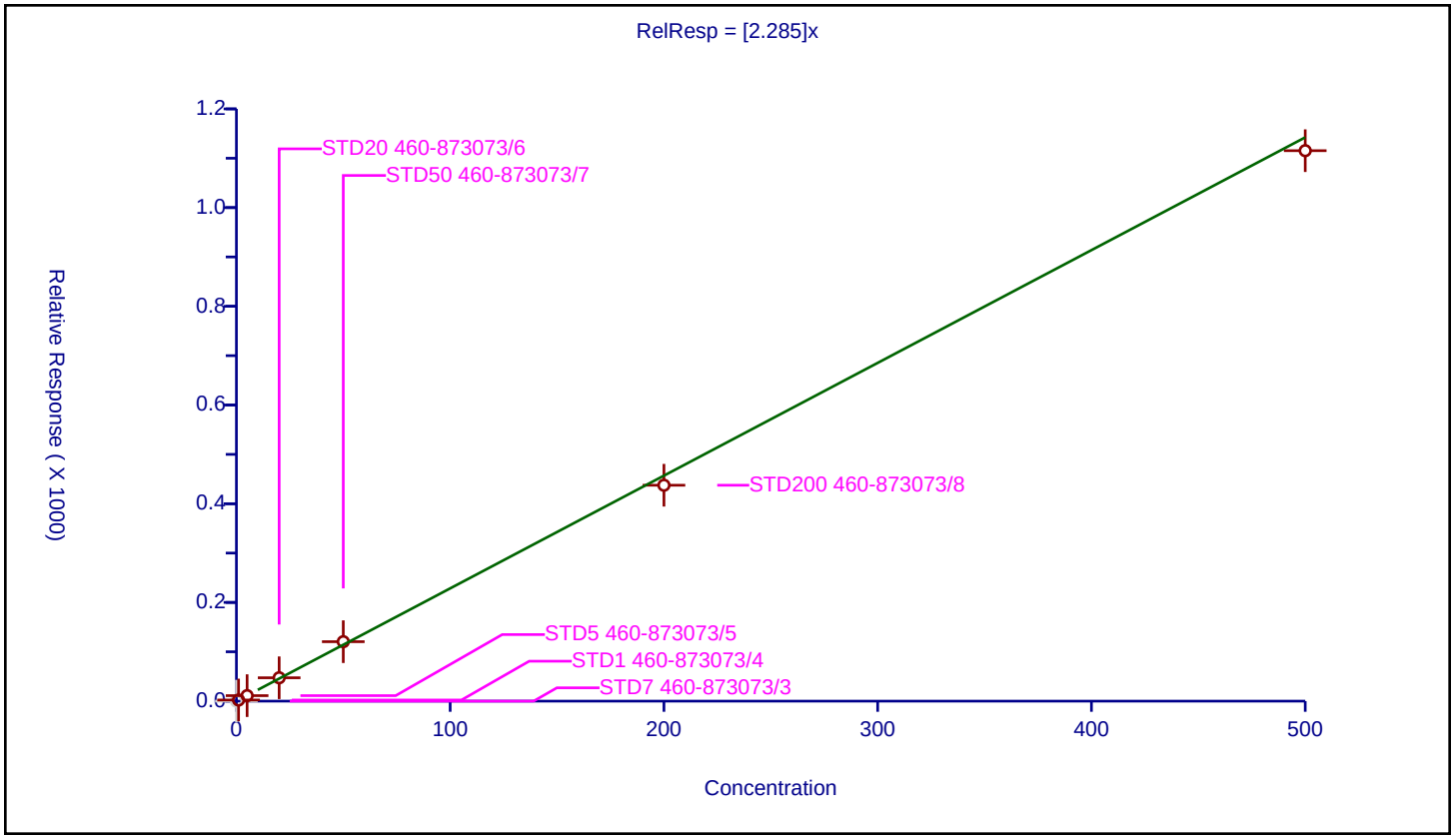
Curve Coefficients

Intercept:	0
Slope:	2.285

Error Coefficients

Standard Error:	2710000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.284284	50.0	178962.0	2.284284	Y
3	STD5 460-873073/5	5.0	11.146538	50.0	184102.0	2.229308	Y
4	STD20 460-873073/6	20.0	47.329329	50.0	218447.0	2.366466	Y
5	STD50 460-873073/7	50.0	120.451757	50.0	233112.0	2.409035	Y
6	STD200 460-873073/8	200.0	437.487927	50.0	254710.0	2.18744	Y
7	STD500 460-873073/9	500.0	1115.314166	50.0	251300.0	2.230628	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

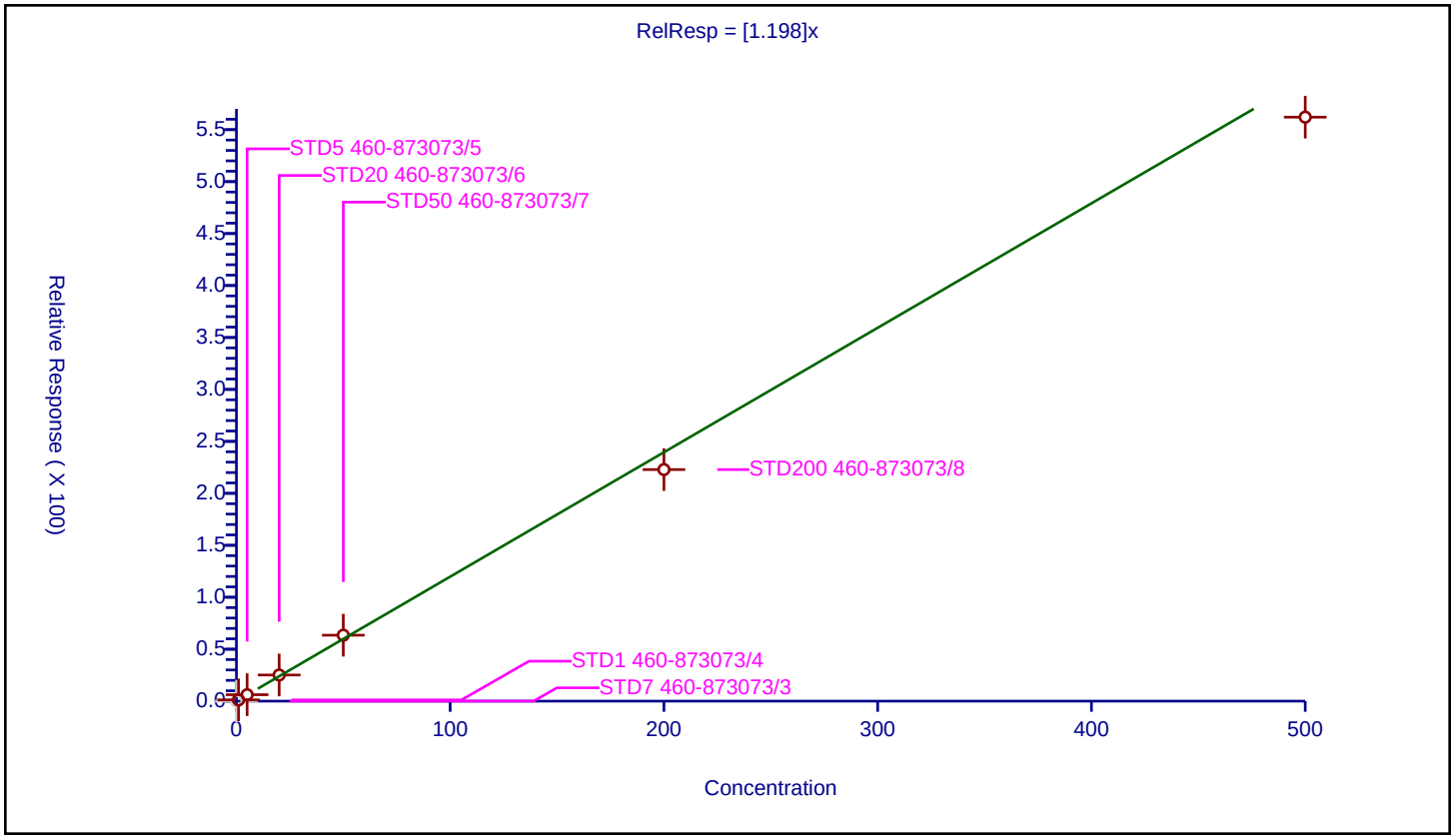
Curve Coefficients

Intercept:	0
Slope:	1.198

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.184888	50.0	178962.0	1.184888	Y
3	STD5 460-873073/5	5.0	6.179726	50.0	184102.0	1.235945	Y
4	STD20 460-873073/6	20.0	25.159879	50.0	218447.0	1.257994	Y
5	STD50 460-873073/7	50.0	63.451259	50.0	233112.0	1.269025	Y
6	STD200 460-873073/8	200.0	222.864238	50.0	254710.0	1.114321	Y
7	STD500 460-873073/9	500.0	562.052527	50.0	251300.0	1.124105	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

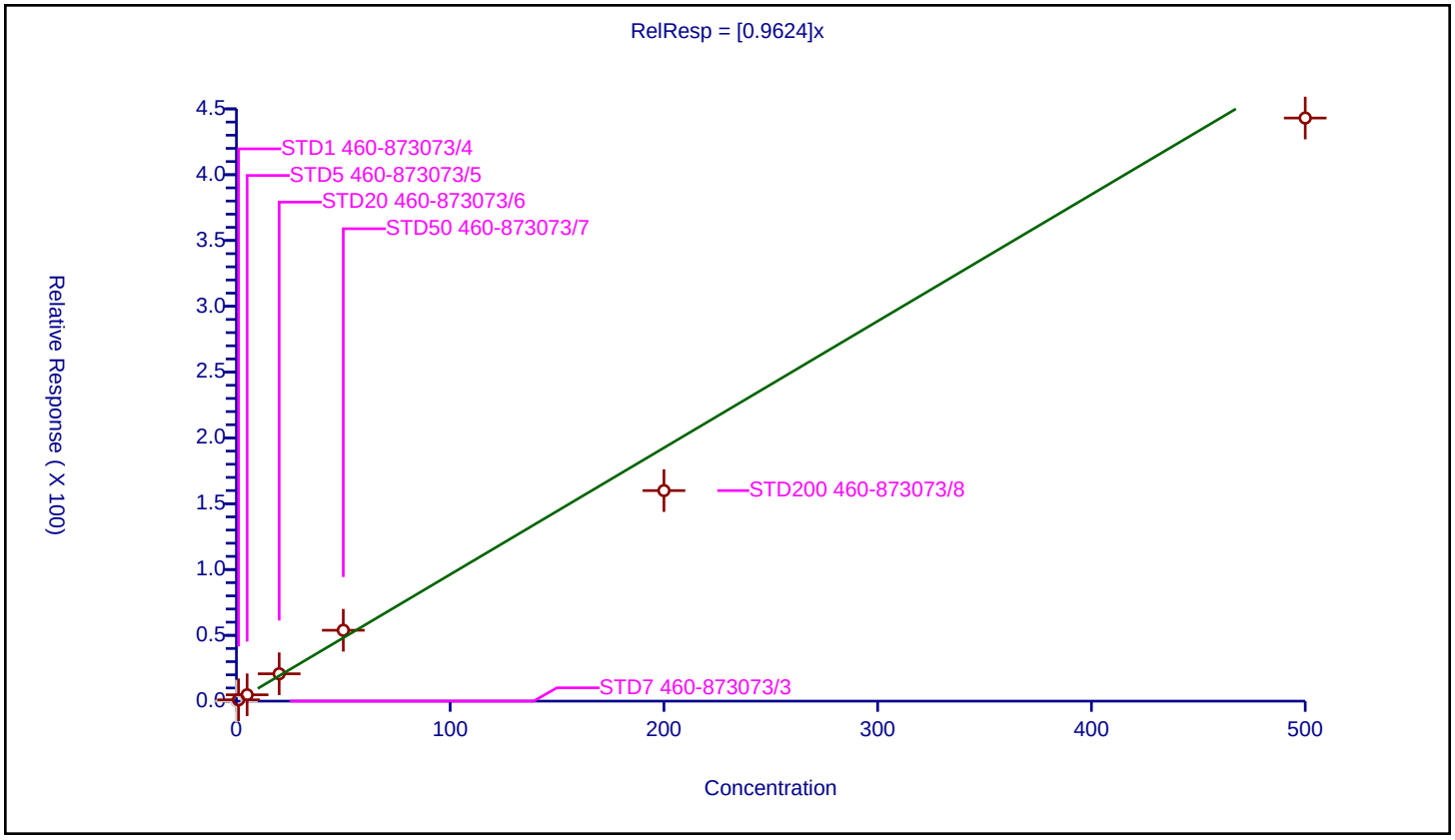
Curve Coefficients

Intercept:	0
Slope:	0.9624

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.006918	50.0	178962.0	1.006918	Y
3	STD5 460-873073/5	5.0	4.824228	50.0	184102.0	0.964846	Y
4	STD20 460-873073/6	20.0	20.78788	50.0	218447.0	1.039394	Y
5	STD50 460-873073/7	50.0	53.864237	50.0	233112.0	1.077285	Y
6	STD200 460-873073/8	200.0	159.982725	50.0	254710.0	0.799914	Y
7	STD500 460-873073/9	500.0	443.065858	50.0	251300.0	0.886132	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

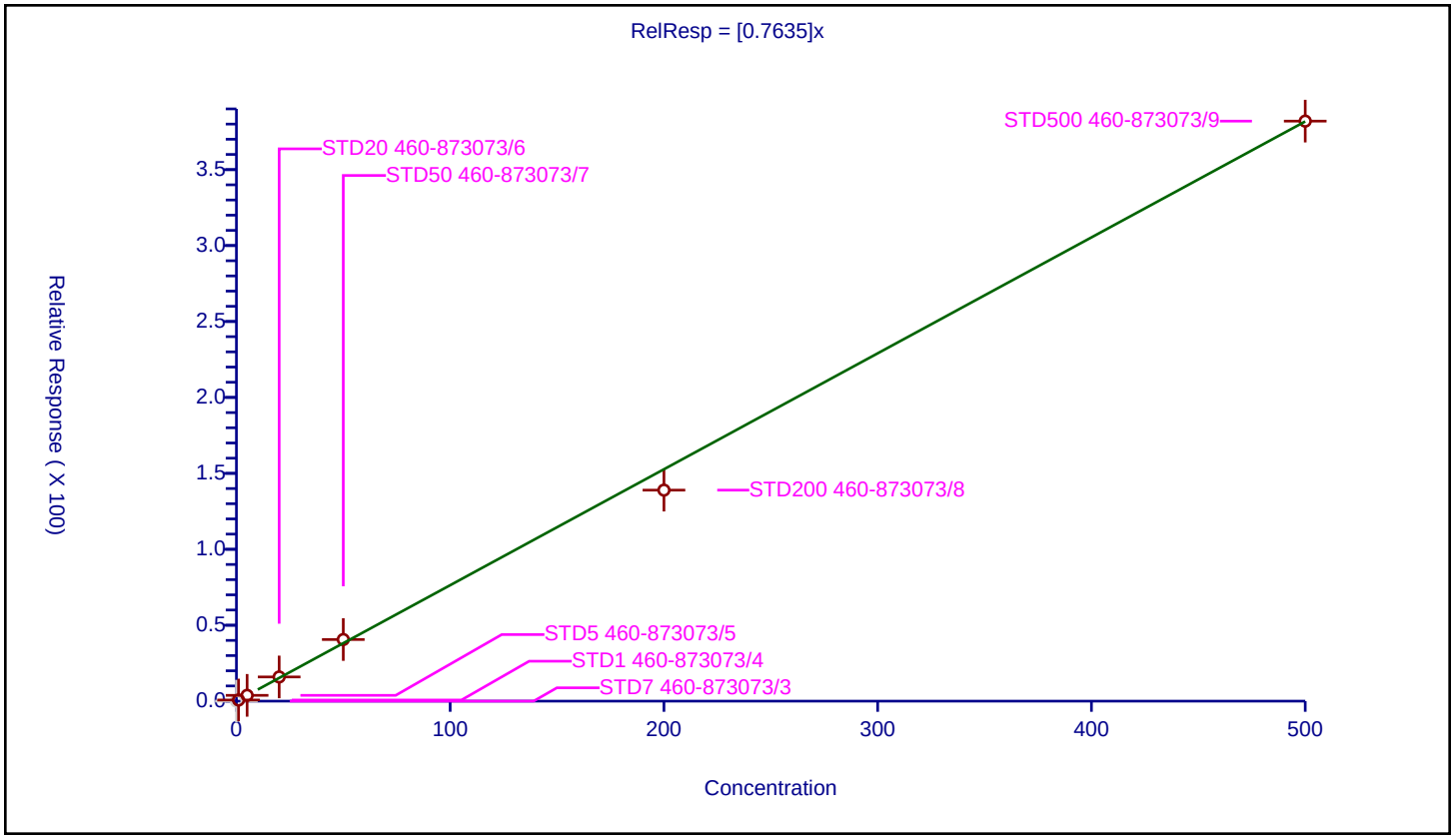
Curve Coefficients

Intercept:	0
Slope:	0.7635

Error Coefficients

Standard Error:	919000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.752115	50.0	178962.0	0.752115	Y
3	STD5 460-873073/5	5.0	3.809573	50.0	184102.0	0.761915	Y
4	STD20 460-873073/6	20.0	15.92812	50.0	218447.0	0.796406	Y
5	STD50 460-873073/7	50.0	40.581351	50.0	233112.0	0.811627	Y
6	STD200 460-873073/8	200.0	138.950964	50.0	254710.0	0.694755	Y
7	STD500 460-873073/9	500.0	381.94429	50.0	251300.0	0.763889	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

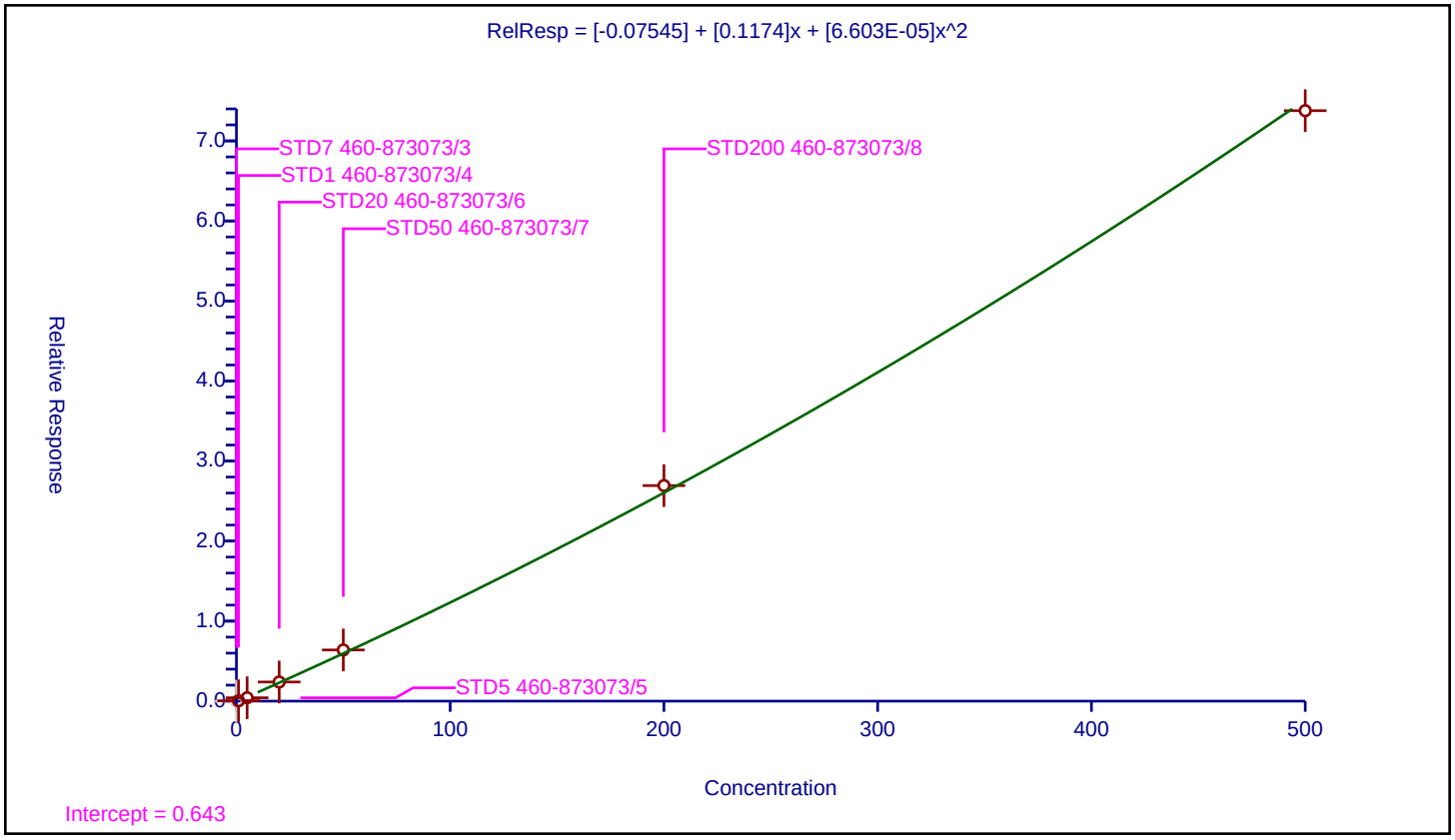
Curve Coefficients

Intercept:	-0.07545
Slope:	0.1174
Second Order:	6.603E-05

Error Coefficients

Standard Error:	229000
Relative Standard Error:	10.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.045261	50.0	178962.0	0.045261	Y
3	STD5 460-873073/5	5.0	0.420419	50.0	184102.0	0.084084	Y
4	STD20 460-873073/6	20.0	2.392571	50.0	218447.0	0.119629	Y
5	STD50 460-873073/7	50.0	6.394137	50.0	233112.0	0.127883	Y
6	STD200 460-873073/8	200.0	26.932983	50.0	254710.0	0.134665	Y
7	STD500 460-873073/9	500.0	73.777955	50.0	251300.0	0.147556	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

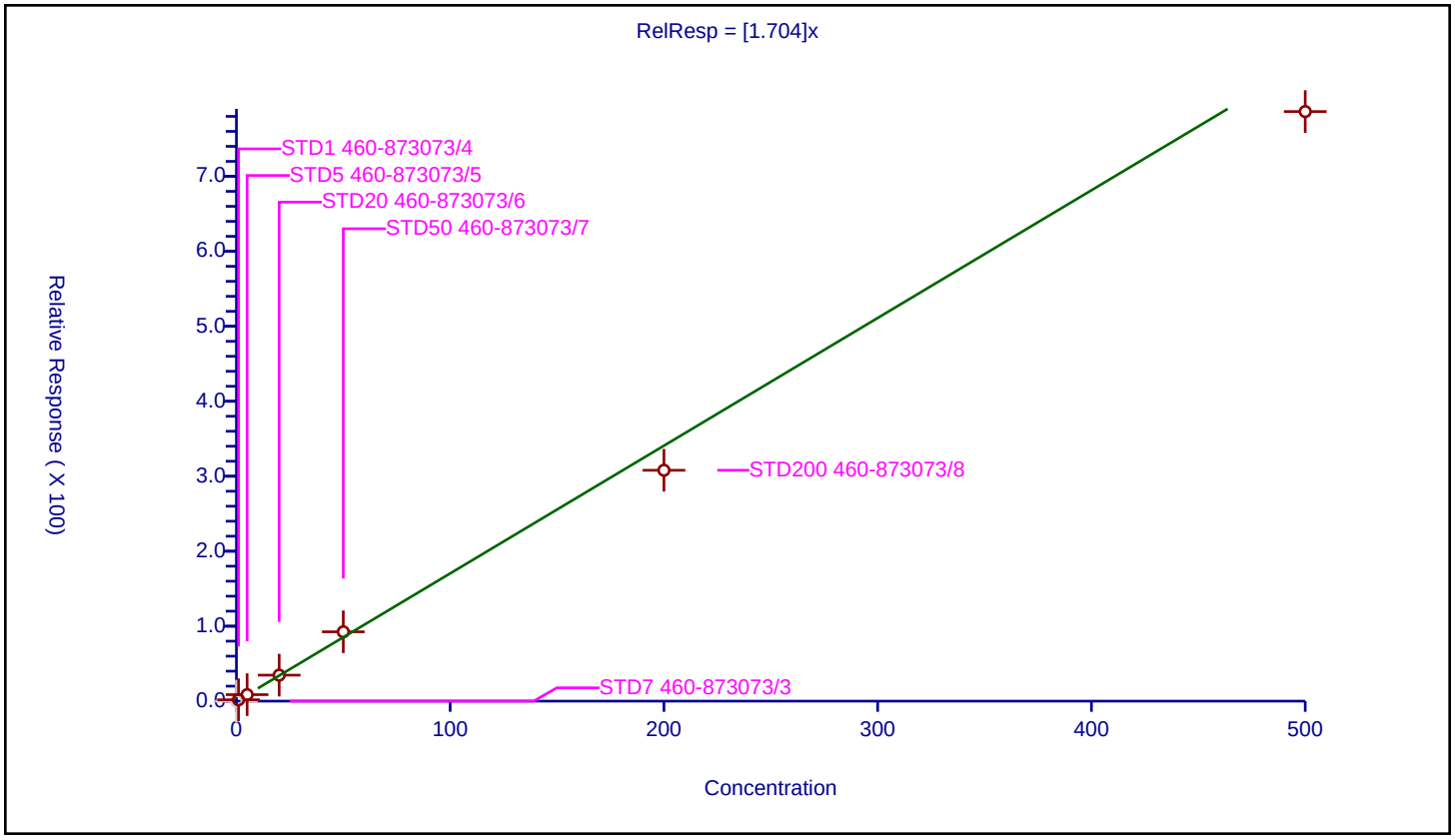
Curve Coefficients

Intercept:	0
Slope:	1.704

Error Coefficients

Standard Error:	1910000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	1.798147	50.0	178962.0	1.798147	Y
3	STD5 460-873073/5	5.0	8.640047	50.0	184102.0	1.728009	Y
4	STD20 460-873073/6	20.0	34.664015	50.0	218447.0	1.733201	Y
5	STD50 460-873073/7	50.0	92.490091	50.0	233112.0	1.849802	Y
6	STD200 460-873073/8	200.0	307.984178	50.0	254710.0	1.539921	Y
7	STD500 460-873073/9	500.0	786.457819	50.0	251300.0	1.572916	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

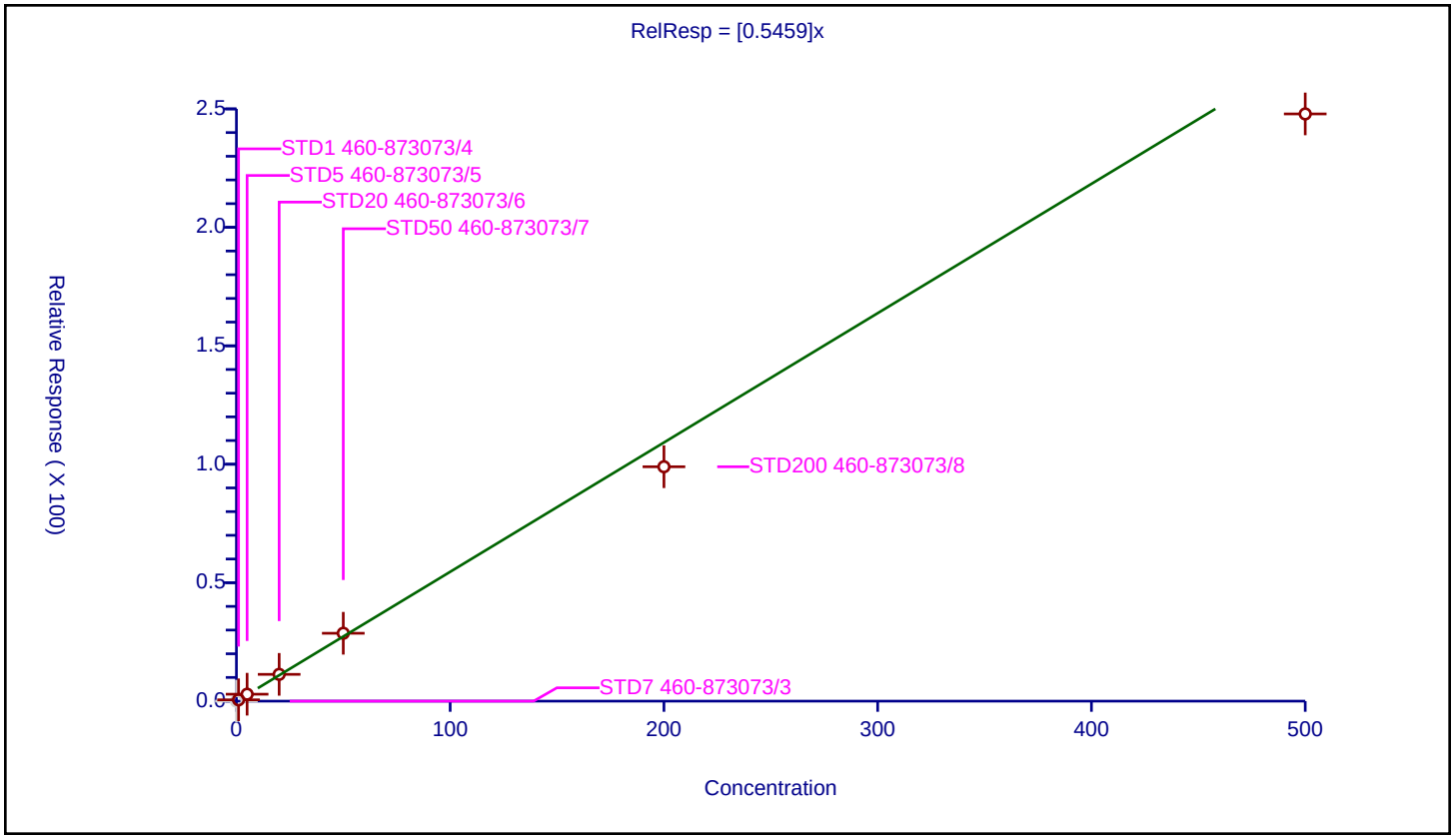
Curve Coefficients

Intercept:	0
Slope:	0.5459

Error Coefficients

Standard Error:	604000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.560175	50.0	178962.0	0.560175	Y
3	STD5 460-873073/5	5.0	2.930712	50.0	184102.0	0.586142	Y
4	STD20 460-873073/6	20.0	11.308464	50.0	218447.0	0.565423	Y
5	STD50 460-873073/7	50.0	28.656611	50.0	233112.0	0.573132	Y
6	STD200 460-873073/8	200.0	98.940364	50.0	254710.0	0.494702	Y
7	STD500 460-873073/9	500.0	247.87684	50.0	251300.0	0.495754	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

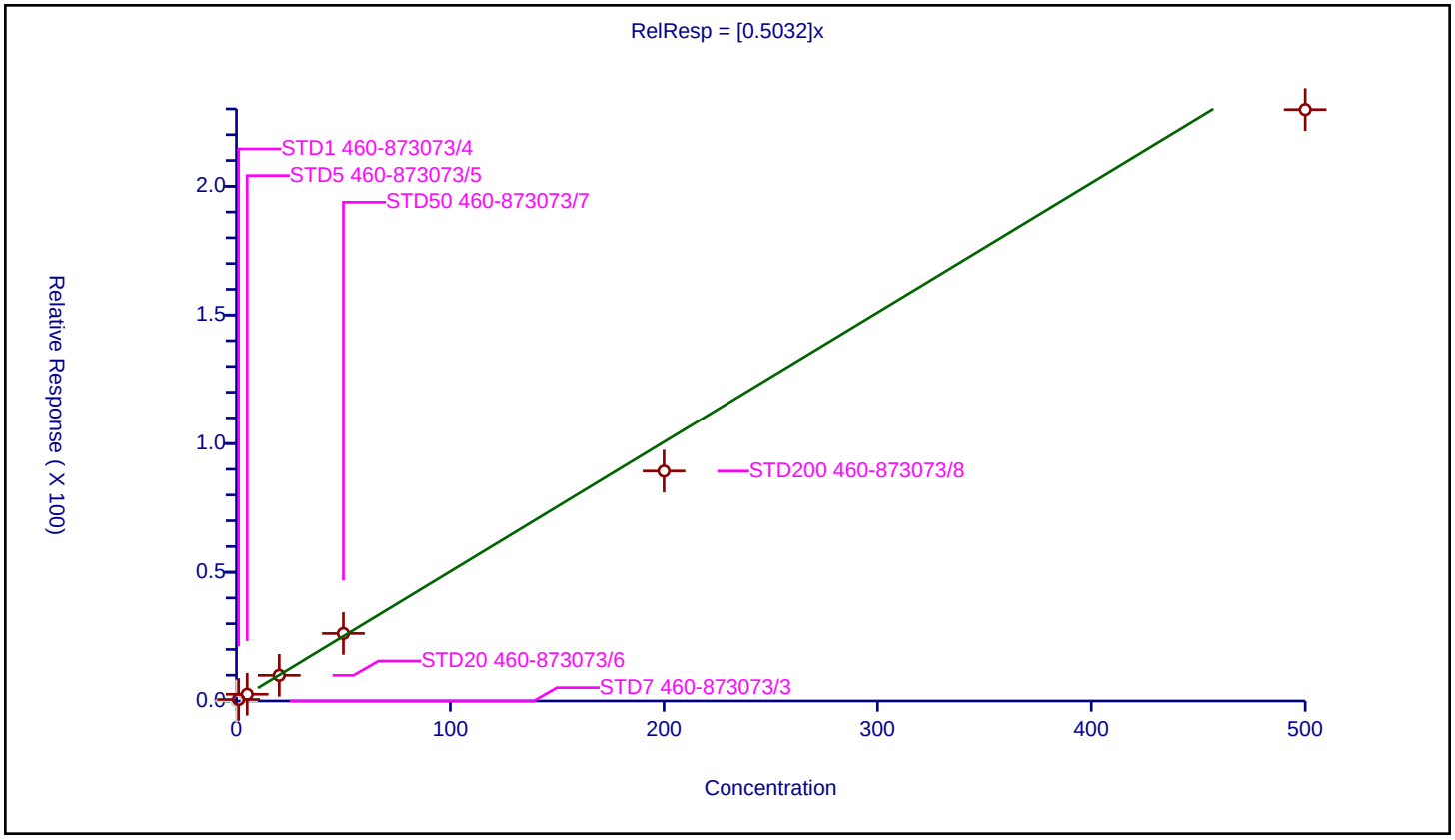
Curve Coefficients

Intercept:	0
Slope:	0.5032

Error Coefficients

Standard Error:	558000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.569674	50.0	178962.0	0.569674	Y
3	STD5 460-873073/5	5.0	2.60725	50.0	184102.0	0.52145	Y
4	STD20 460-873073/6	20.0	9.956877	50.0	218447.0	0.497844	Y
5	STD50 460-873073/7	50.0	26.222803	50.0	233112.0	0.524456	Y
6	STD200 460-873073/8	200.0	89.297633	50.0	254710.0	0.446488	Y
7	STD500 460-873073/9	500.0	229.723438	50.0	251300.0	0.459447	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

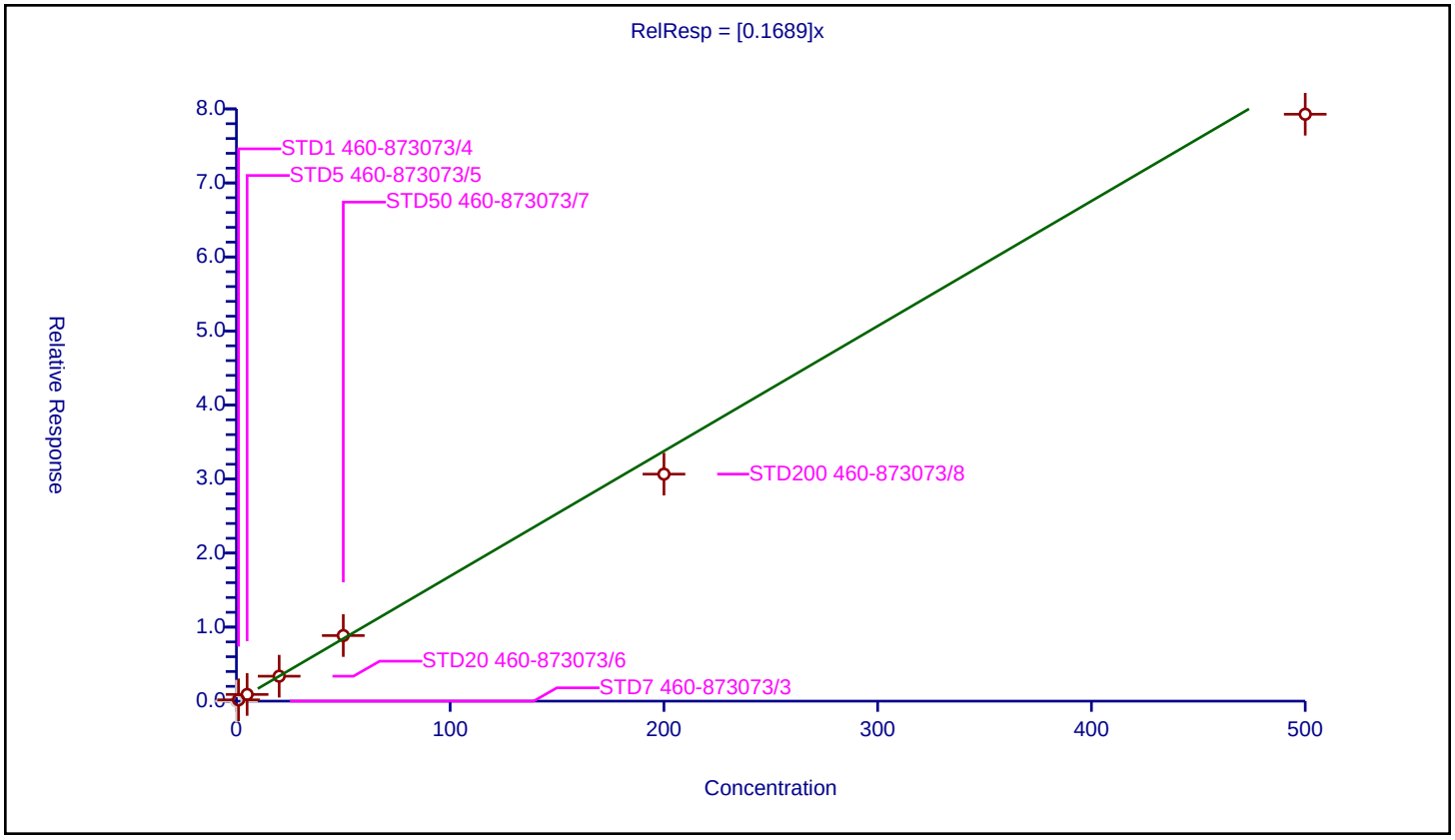
Curve Coefficients

Intercept:	0
Slope:	0.1689

Error Coefficients

Standard Error:	192000
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 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.174897	50.0	178962.0	0.174897	Y
3	STD5 460-873073/5	5.0	0.903847	50.0	184102.0	0.180769	Y
4	STD20 460-873073/6	20.0	3.370841	50.0	218447.0	0.168542	Y
5	STD50 460-873073/7	50.0	8.858403	50.0	233112.0	0.177168	Y
6	STD200 460-873073/8	200.0	30.66664	50.0	254710.0	0.153333	Y
7	STD500 460-873073/9	500.0	79.280541	50.0	251300.0	0.158561	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

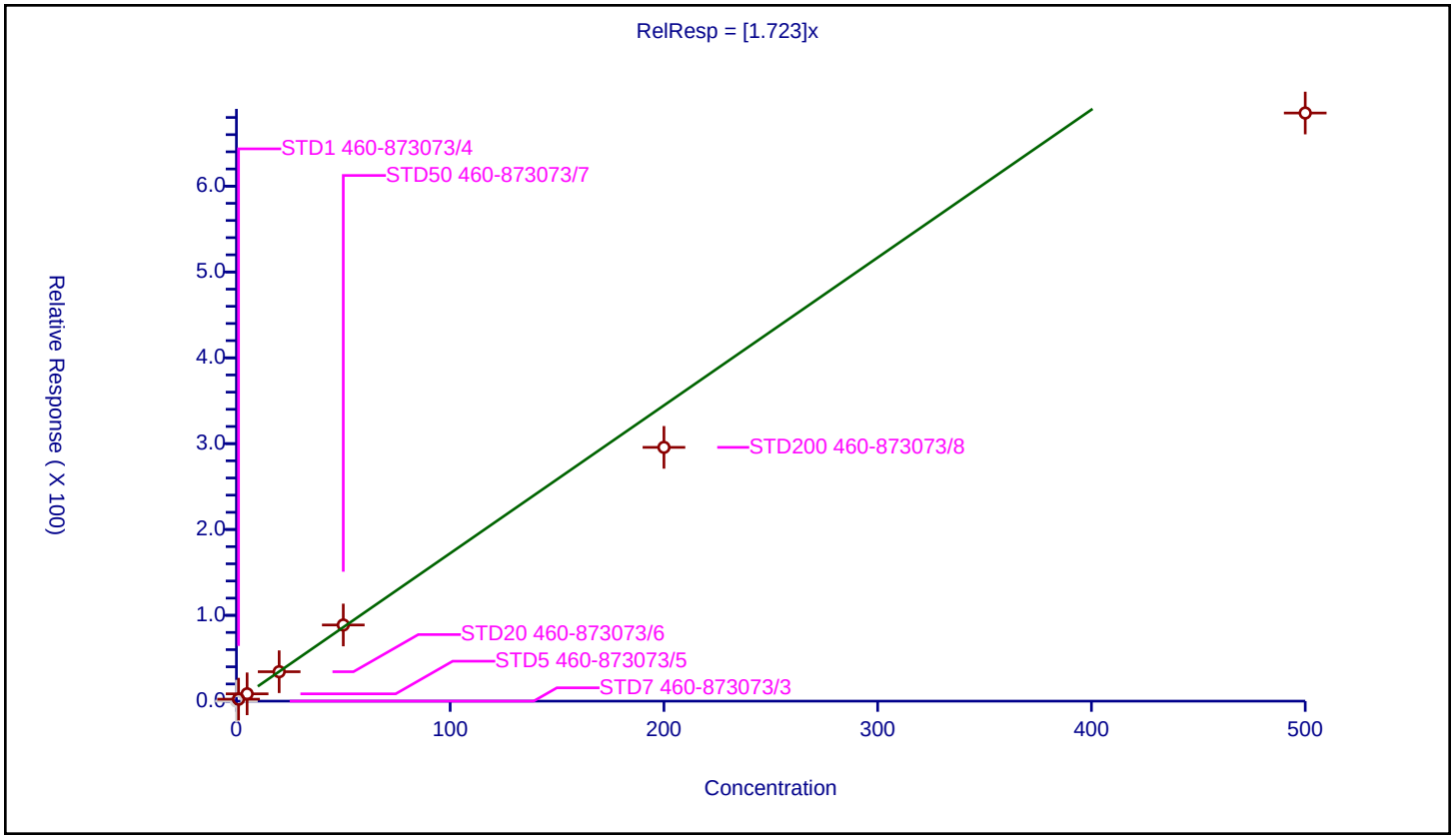
Curve Coefficients

Intercept:	0
Slope:	1.723

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	2.293783	50.0	178962.0	2.293783	Y
3	STD5 460-873073/5	5.0	8.528424	50.0	184102.0	1.705685	Y
4	STD20 460-873073/6	20.0	34.272615	50.0	218447.0	1.713631	Y
5	STD50 460-873073/7	50.0	88.729023	50.0	233112.0	1.77458	Y
6	STD200 460-873073/8	200.0	295.669192	50.0	254710.0	1.478346	Y
7	STD500 460-873073/9	500.0	685.178074	50.0	251300.0	1.370356	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

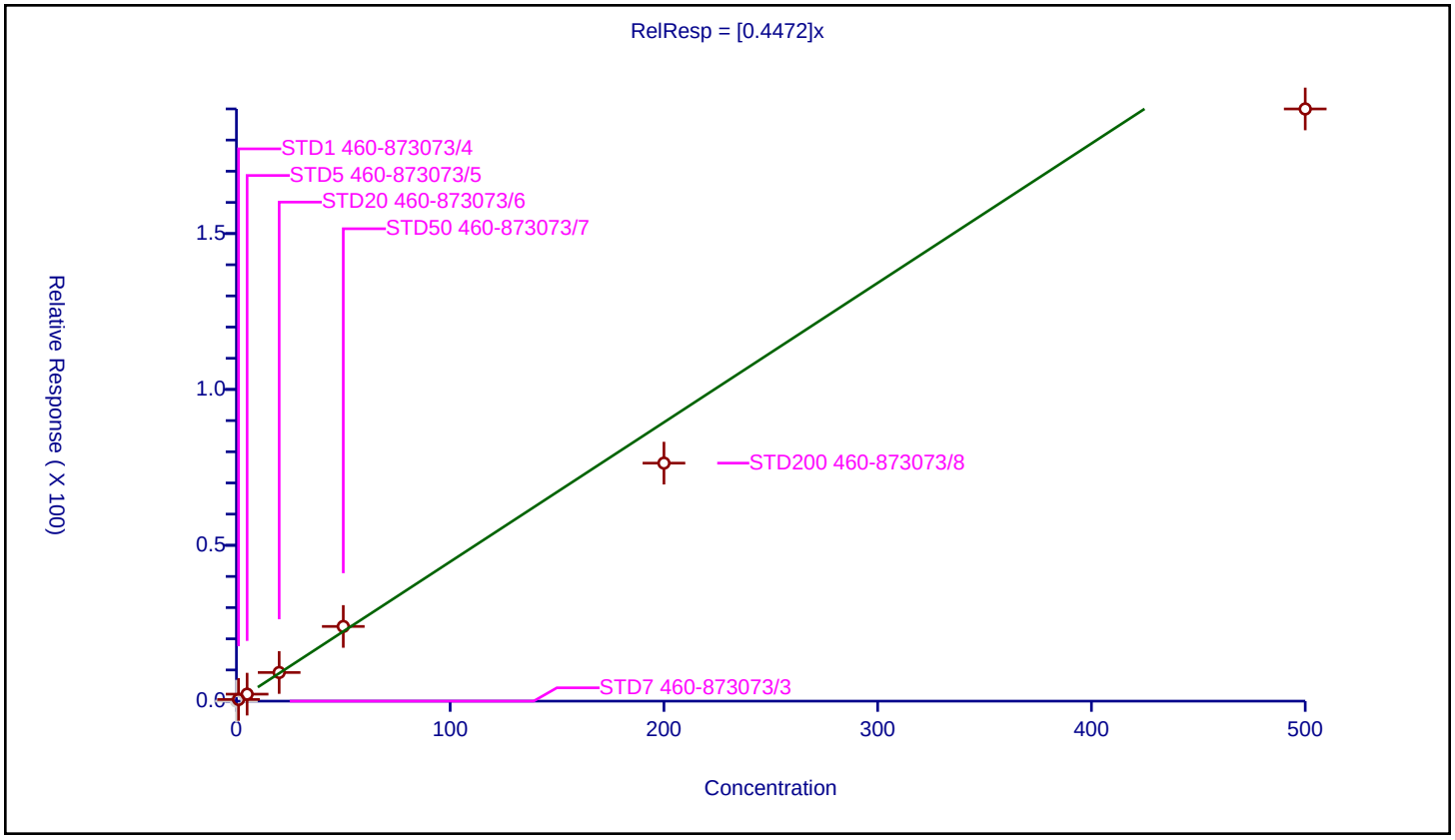
Curve Coefficients

Intercept:	0
Slope:	0.4472

Error Coefficients

Standard Error:	464000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873073/3	0.0	0.0	50.0	163347.0	NaN	N
2	STD1 460-873073/4	1.0	0.534192	50.0	178962.0	0.534192	Y
3	STD5 460-873073/5	5.0	2.244951	50.0	184102.0	0.44899	Y
4	STD20 460-873073/6	20.0	9.185523	50.0	218447.0	0.459276	Y
5	STD50 460-873073/7	50.0	23.959084	50.0	233112.0	0.479182	Y
6	STD200 460-873073/8	200.0	76.359193	50.0	254710.0	0.381796	Y
7	STD500 460-873073/9	500.0	189.979904	50.0	251300.0	0.37996	Y



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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-871531/19	B92958.D
Level 2	STD5 460-871531/5	B92944.D
Level 3	STD20 460-871531/6	B92945.D
Level 4	STD50 460-871531/7	B92946.D
Level 5	STD200 460-871531/8	B92947.D
Level 6	STD500 460-871531/9	B92948.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3392 0.3805	0.3168	0.3154	0.3276	0.3832	Ave		0.3438			0.1000	8.9		20.0			
Chlorodifluoromethane	0.0306 0.0463	0.0520	0.0479	0.0508	0.0465	Ave		0.0457				17.0		20.0			
Chloromethane	0.5896 0.4194	0.4061	0.4056	0.4063	0.4269	Lin2	0.1781	0.4044			0.1000				0.9970		0.9900
Vinyl chloride	0.3503 0.2894	0.2834	0.2831	0.2846	0.3065	Ave		0.2996			0.1000	8.8		20.0			
Butadiene	0.3647 0.3120	0.2876	0.2974	0.3140	0.3274	Ave		0.3172				8.5		20.0			
Bromomethane	0.1838 0.1360	0.1789	0.1634	0.1522	0.1571	Ave		0.1619			0.1000	10.9		20.0			
Chloroethane	0.2244 0.1248	0.1747	0.1639	0.1433	0.1509	Lin2	0.0809	0.1464			0.1000				0.9910		0.9900
Dichlorofluoromethane	0.5554 0.3503	0.4500	0.4321	0.4093	0.3995	Ave		0.4328				15.9		20.0			
Pentane	0.5663 0.3683	0.4681	0.4717	0.4609	0.4377	Ave		0.4622				13.8		20.0			
Trichlorofluoromethane	0.3605 0.2614	0.2808	0.2854	0.2801	0.2843	Ave		0.2921			0.1000	11.9		20.0			
Ethyl ether	0.2088 0.1693	0.1935	0.2052	0.1982	0.1835	Ave		0.1931				7.6		20.0			
2-Methyl-1,3-butadiene	0.2898 0.2225	0.2323	0.2455	0.2586	0.2458	Ave		0.2491				9.4		20.0			
Ethanol	+++++ 0.0394	0.0298	0.0520	0.0450	0.0426	Ave		0.0417				19.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.2039 0.1603	0.1659	0.1683	0.1737	0.1678	Ave		0.1733				9.0		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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.3635 0.2889	0.3127	0.3220	0.3159	0.3003	Ave		0.3172				8.1		20.0			
Acrolein	1.2335 0.9288	1.0497	1.0373	0.9758	0.9931	Ave		1.0363				10.2		20.0			
1,1-Dichloroethene	0.2133 0.1748	0.1769	0.1864	0.1948	0.1784	Ave		0.1874			0.1000	7.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	0.1908 0.1900	0.1916	0.1987	0.2113	0.1942	Ave		0.1961			0.1000	4.1		20.0			
Acetone	1.0020 0.5215	0.5005	0.5066	0.5117	0.5202	Lin2	2.4839	0.4880			0.0500				0.9910		0.9900
Iodomethane	0.3144 0.3043	0.3261	0.3310	0.3391	0.3106	Ave		0.3209				4.1		20.0			
Carbon disulfide	0.8306 0.6877	0.7151	0.7441	0.7799	0.7059	Ave		0.7439			0.1000	7.2		20.0			
Isopropyl alcohol	0.9190 0.6879	0.5689	0.6855	0.7499	0.7204	Ave		0.7219				15.9		20.0			
3-Chloro-1-propene	0.4594 0.3207	0.3263	0.3800	0.3830	0.3369	Ave		0.3677				14.2		20.0			
Methyl acetate	0.2275 0.1762	0.2259	0.2032	0.2123	0.1892	Ave		0.2057			0.1000	9.9		20.0			
Acetonitrile	0.9219 0.6108	0.8022	0.6252	0.6467	0.6408	Ave		0.7079				17.8		20.0			
Methylene Chloride	0.2846 0.2190	0.2544	0.2553	0.2415	0.2222	Ave		0.2462			0.1000	9.9		20.0			
2-Methyl-2-propanol	1.2014 1.0439	1.0058	1.0622	1.0893	1.0783	Ave		1.0801				6.1		20.0			
Acrylonitrile	3.6549 2.9875	3.2406	3.3897	3.2370	3.2079	Ave		3.2863				6.8		20.0			
trans-1,2-Dichloroethene	0.2336 0.2217	0.2303	0.2465	0.2475	0.2297	Ave		0.2349			0.1000	4.3		20.0			
Methyl tert-butyl ether	0.7822 0.6864	0.6945	0.7164	0.7298	0.6940	Ave		0.7172			0.1000	5.0		20.0			
Hexane	0.4721 0.4296	0.4262	0.4613	0.4950	0.4342	Ave		0.4531				6.1		20.0			
1,1-Dichloroethane	0.6210 0.4912	0.5008	0.5263	0.5313	0.4958	Ave		0.5278			0.2000	9.2		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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.2334 0.3120	0.2632	0.2596	0.2717	0.2904	Ave		0.2717				10.0		20.0			
2-Chloro-1,3-butadiene	0.1715 0.2225	0.1862	0.2096	0.2232	0.2273	Ave		0.2067				11.1		20.0			
Isopropyl ether	1.2199 1.0052	1.0475	1.1189	1.1144	1.0696	Ave		1.0959				6.8		20.0			
Tert-butyl ethyl ether	0.2813 0.2877	0.2730	0.2796	0.2868	0.2903	Ave		0.2831				2.3		20.0			
cis-1,2-Dichloroethene	0.2797 0.2496	0.2567	0.2602	0.2678	0.2559	Ave		0.2616			0.1000	4.1		20.0			
2,2-Dichloropropane	0.1349 0.1095	0.1067	0.1140	0.1157	0.1126	Ave		0.1156				8.7		20.0			
2-Butanone (MEK)	0.1860 0.2070	0.1720	0.1901	0.1994	0.2031	Ave		0.1929			0.0500	6.7		20.0			
Propionitrile	0.3187 0.2676	0.2699	0.2766	0.2773	0.2750	Ave		0.2808				6.7		20.0			
Ethyl acetate	2.3494 2.0120	2.2220	2.1128	2.1757	2.1073	Ave		2.1632				5.3		20.0			
Methyl acrylate	0.3201 0.2861	0.2885	0.3037	0.3087	0.3008	Ave		0.3013				4.2		20.0			
Chlorobromomethane	0.1085 0.1073	0.1125	0.1173	0.1167	0.1097	Ave		0.1120				3.8		20.0			
Methacrylonitrile	0.1055 0.0940	0.0979	0.1017	0.1027	0.1014	Ave		0.1005				4.0		20.0			
Tetrahydrofuran	0.6863 0.6508	0.6906	0.6888	0.7139	0.6814	Ave		0.6853				3.0		20.0			
Chloroform	0.5170 0.4074	0.4019	0.4254	0.4305	0.4121	Ave		0.4324			0.2000	9.9		20.0			
1,1,1-Trichloroethane	0.3326 0.3234	0.2985	0.3195	0.3400	0.3222	Ave		0.3227			0.1000	4.4		20.0			
Cyclohexane	0.3860 0.3659	0.3443	0.3775	0.4058	0.3720	Ave		0.3752			0.1000	5.5		20.0			
1,1-Dichloropropene	0.3374 0.3418	0.3084	0.3453	0.3583	0.3401	Ave		0.3385				4.9		20.0			
Carbon tetrachloride	0.2681 0.2704	0.2386	0.2579	0.2752	0.2681	Ave		0.2631			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 Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.7178 1.4660	1.4937	1.5573	1.5892	1.4828	Ave		1.5511			0.5000	6.1		20.0			
1,2-Dichloroethane	0.3621 0.3134	0.3279	0.3357	0.3312	0.3168	Ave		0.3312			0.1000	5.2		20.0			
Isobutyl alcohol	0.2269 0.3517	0.3092	0.2592	0.3262	0.3605	Ave		0.3056				17.3		20.0			
Tert-amyl methyl ether	0.7951 0.8607	0.7639	0.8238	0.8559	0.8625	Ave		0.8270				4.9		20.0			
Isopropyl acetate	0.0510 0.0960	0.0846	0.0988	0.1007	0.1004	Lin2	-0.049	0.0989							0.9990		0.9900
n-Heptane	0.6414 0.4882	0.5474	0.5787	0.5856	0.5146	Ave		0.5593				9.8		20.0			
Trichloroethene	0.2580 0.2283	0.2243	0.2198	0.2382	0.2275	Ave		0.2327			0.2000	5.9		20.0			
n-Butanol	0.1500 0.1778	0.1436	0.1552	0.1580	0.1833	Ave		0.1613				9.8		20.0			
Methylcyclohexane	0.4093 0.4413	0.4021	0.4430	0.4821	0.4431	Ave		0.4368			0.1000	6.6		20.0			
Ethyl acrylate	0.7413 0.7233	0.6500	0.7480	0.7859	0.7504	Ave		0.7331				6.2		20.0			
1,2-Dichloropropane	0.3166 0.2774	0.2905	0.2999	0.2949	0.2859	Ave		0.2942			0.1000	4.6		20.0			
Dibromomethane	0.1382 0.1266	0.1183	0.1290	0.1301	0.1276	Ave		0.1283				5.0		20.0			
1,4-Dioxane	0.7244 0.8859	0.5693	1.0897	1.1566	0.9970	QuaF		1.0851	-0.000020						1.0000		0.9900
Methyl methacrylate	0.0372 0.0514	0.0421	0.0484	0.0501	0.0519	Ave		0.0468				12.6		20.0			
n-Propyl acetate	0.4112 0.3942	0.3596	0.3960	0.4239	0.4152	Ave		0.4000				5.7		20.0			
Bromodichloromethane	0.2906 0.3031	0.2811	0.2960	0.2987	0.3000	Ave		0.2949			0.2000	2.7		20.0			
2-Nitropropane	0.0422 0.0574	0.0492	0.0558	0.0559	0.0577	Ave		0.0530				11.6		20.0			
2-Chloroethyl vinyl ether	0.1263 0.1686	0.1297	0.1579	0.1699	0.1717	Ave		0.1540				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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.1809 0.1936	0.1607	0.1771	0.1868	0.1913	Ave		0.1817				6.6		20.0			
cis-1,3-Dichloropropene	0.5602 0.6015	0.5295	0.5677	0.5984	0.6011	Ave		0.5764			0.2000	5.1		20.0			
4-Methyl-2-pentanone (MIBK)	2.3682 1.9757	1.8472	1.9678	2.0617	2.0520	Ave		2.0454			0.0500	8.6		20.0			
Toluene	1.6116 1.4235	1.3912	1.4731	1.5220	1.4473	Ave		1.4781			0.4000	5.3		20.0			
trans-1,3-Dichloropropene	0.4348 0.5094	0.4361	0.4550	0.4970	0.4998	Ave		0.4720			0.1000	7.2		20.0			
Ethyl methacrylate	0.2392 0.3019	0.2329	0.2632	0.2955	0.3045	Ave		0.2729				11.8		20.0			
1,1,2-Trichloroethane	0.2309 0.2366	0.2361	0.2475	0.2472	0.2431	Ave		0.2402			0.1000	2.8		20.0			
Tetrachloroethene	0.2664 0.3065	0.2898	0.2957	0.3250	0.3054	Ave		0.2981			0.2000	6.6		20.0			
1,3-Dichloropropane	0.5090 0.4982	0.4733	0.5245	0.5233	0.5065	Ave		0.5058				3.7		20.0			
2-Hexanone	1.2174 1.3385	1.1548	1.2727	1.3646	1.3753	Ave		1.2872			0.0500	6.9		20.0			
Dibromochloromethane	0.2369 0.2902	0.2539	0.2627	0.2753	0.2851	Ave		0.2674			0.1000	7.5		20.0			
Ethylene Dibromide	0.2926 0.2573	0.2392	0.2588	0.2647	0.2556	Ave		0.2614			0.1000	6.7		20.0			
n-Butyl acetate	0.6040 0.6373	0.5772	0.6307	0.6695	0.6664	Ave		0.6308				5.7		20.0			
Chlorobenzene	0.9202 0.8365	0.8527	0.8564	0.8650	0.8448	Ave		0.8626			0.5000	3.5		20.0			
1,1,1,2-Tetrachloroethane	0.2801 0.2980	0.2795	0.2879	0.2933	0.2940	Ave		0.2888				2.7		20.0			
Ethylbenzene	0.4810 0.4760	0.4152	0.4680	0.5040	0.4806	Ave		0.4708			0.1000	6.3		20.0			
m-Xylene & p-Xylene	0.5222 0.5775	0.5116	0.5693	0.6122	0.5859	Ave		0.5631			0.1000	6.9		20.0			
o-Xylene	0.5187 0.5761	0.4893	0.5703	0.6065	0.5844	Ave		0.5576			0.3000	7.9		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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Styrene	0.8205 0.9506	0.8033	0.9233	0.9855	0.9674	Ave		0.9084			0.3000	8.6		20.0			
n-Butyl acrylate	0.1884 0.2427	0.2113	0.2274	0.2444	0.2513	Ave		0.2276				10.5		20.0			
Bromoform	0.1313 0.1852	0.1475	0.1607	0.1751	0.1816	Ave		0.1636			0.1000	12.9		20.0			
Amyl acetate (mixed isomers)	1.1361 1.3223	1.0895	1.2874	1.3724	1.4058	Ave		1.2689				10.1		20.0			
Isopropylbenzene	1.3612 1.4851	1.2706	1.4612	1.5656	1.5115	Ave		1.4425			0.1000	7.5		20.0			
Bromobenzene	0.7092 0.6323	0.6117	0.6577	0.6420	0.6315	Ave		0.6474				5.2		20.0			
1,2,3-Trichloropropane	0.1088 0.1646	0.1621	0.1812	0.1762	0.1698	Lin2	-0.065	0.1743							0.9980		0.9900
1,1,2,2-Tetrachloroethane	0.7141 0.6957	0.7065	0.7378	0.7407	0.7211	Ave		0.7193			0.3000	2.4		20.0			
trans-1,4-Dichloro-2-butene	0.2407 0.2332	0.1893	0.2370	0.2475	0.2398	Ave		0.2312				9.1		20.0			
N-Propylbenzene	0.6836 0.7358	0.6172	0.7435	0.7618	0.7464	Ave		0.7147				7.7		20.0			
2-Chlorotoluene	0.5918 0.6375	0.5997	0.6259	0.6542	0.6393	Ave		0.6247				3.9		20.0			
4-Ethyltoluene	2.5873 2.7909	2.4076	2.6878	2.8417	2.8659	Ave		2.6969				6.5		20.0			
4-Chlorotoluene	2.2200 2.1096	2.0563	2.1715	2.2035	2.1243	Ave		2.1475				2.9		20.0			
1,3,5-Trimethylbenzene	2.1570 2.3868	1.9735	2.2771	2.4175	2.4036	Ave		2.2693				7.7		20.0			
Butyl Methacrylate	0.5479 0.8132	0.5425	0.6868	0.7587	0.8309	Ave		0.6967				18.3		20.0			
tert-Butylbenzene	1.6233 1.9321	1.5159	1.7709	1.9049	1.9252	Ave		1.7787				9.9		20.0			
1,2,4-Trimethylbenzene	2.2362 2.4141	2.0678	2.3665	2.4815	2.4504	Ave		2.3361				6.7		20.0			
sec-Butylbenzene	2.5403 3.0798	2.5153	2.9618	3.1557	3.1036	Ave		2.8928				10.0		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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.2830 1.2277	1.1962	1.2571	1.2833	1.2339	Ave		1.2469			0.6000	2.7		20.0			
1,4-Dichlorobenzene	1.4821 1.2320	1.2480	1.2676	1.2860	1.2469	Ave		1.2938			0.5000	7.3		20.0			
4-Isopropyltoluene	2.3977 2.5507	2.1968	2.4511	2.6017	2.5746	Ave		2.4621				6.2		20.0			
1,2,3-Trimethylbenzene	2.4000 2.5697	2.2561	2.4971	2.5665	2.6136	Ave		2.4838				5.4		20.0			
Benzyl chloride	0.2056 0.2365	0.1755	0.1769	0.2077	0.2362	Ave		0.2064				13.0		20.0			
Indan	0.7470 0.8403	0.7336	0.8283	0.8730	0.8827	Ave		0.8175				7.7		20.0			
1,2-Dichlorobenzene	1.3702 1.2133	1.2085	1.2162	1.2497	1.2295	Ave		1.2479			0.4000	4.9		20.0			
p-Diethylbenzene	1.3123 1.3606	1.1829	1.3312	1.4108	1.4000	Ave		1.3330				6.2		20.0			
n-Butylbenzene	1.3746 1.4178	1.3374	1.4919	1.5560	1.4799	Ave		1.4429				5.6		20.0			
1,2-Dibromo-3-Chloropropane	0.1477 0.1366	0.1205	0.1304	0.1323	0.1382	Ave		0.1343			0.0500	6.7		20.0			
1,2,4,5-Tetramethylbenzene	1.9735 2.4492	2.0062	2.3516	2.5175	2.5448	Ave		2.3071				11.0		20.0			
1,3,5-Trichlorobenzene	1.1437 0.9938	1.0027	1.0228	1.0225	1.0333	Ave		1.0365				5.3		20.0			
1,2,4-Trichlorobenzene	1.1504 0.8901	0.8907	0.9268	0.9170	0.9273	Ave		0.9504			0.2000	10.5		20.0			
Hexachlorobutadiene	0.4814 0.4481	0.4463	0.4464	0.4638	0.4514	Ave		0.4562				3.1		20.0			
Naphthalene	2.3628 2.2025	2.0468	2.2417	2.3239	2.2861	Ave		2.2440				5.0		20.0			
1,2,3-Trichlorobenzene	1.0560 0.8540	0.8544	0.8809	0.8972	0.8816	Ave		0.9040				8.4		20.0			
Dibromofluoromethane (Surr)	0.2411 0.2150	0.2342	0.2493	0.2474	0.2373	Ave		0.2374				5.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3072 0.2654	0.2999	0.3172	0.3104	0.2913	Ave		0.2986				6.2		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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.4975 1.3795	1.4739	1.5841	1.5799	1.5072	Ave		1.5037				5.0		20.0			
Bromofluorobenzene	0.7224 0.6896	0.7107	0.7634	0.7673	0.7345	Ave		0.7313				4.1		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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-871531/19	B92958.D
Level 2	STD5 460-871531/5	B92944.D
Level 3	STD20 460-871531/6	B92945.D
Level 4	STD50 460-871531/7	B92946.D
Level 5	STD200 460-871531/8	B92947.D
Level 6	STD500 460-871531/9	B92948.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4367 3109756	21088	88531	238438	1194920	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	394 378231	3463	13436	36987	145142	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Lin2	7591 3428022	27029	113866	295692	1331219	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4511 2365130	18864	79473	207156	955668	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4696 2550172	19141	83483	228515	1020982	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2366 1111332	11905	45879	110748	489905	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Lin2	2889 1020151	11630	46016	104281	470438	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7151 2863594	29956	121293	297874	1245635	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	14584 6020009	62317	264820	670864	2729518	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	4642 2136688	18689	80124	203822	886382	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2688 1383835	12881	57605	144282	572171	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3732 1818789	15460	68910	188183	766346	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	Ave	+++++ 404178	2608	18927	44324	167568	+++++ 20000	200	800	2000	8000

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2626 1310431	11043	47238	126432	523098	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	4680 2361804	20812	90379	229916	936356	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	51232 286053	91953	141688	192360	243923	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	2746 1429186	11775	52319	141760	556140	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2457 1553401	12754	55777	153810	605654	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Lin2	9304 2964323	24810	106526	278210	1172793	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	4048 2487198	21709	92925	246808	968497	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	10695 5620985	47602	208874	567633	2200991	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	3817 1765666	12460	62422	184795	707770	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	5915 2620958	21719	106658	278743	1050388	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	5858 2880756	30071	114068	309029	1179973	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	3829 1567809	17568	56938	159365	629587	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	3665 1790289	16933	71664	175765	692940	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	4990 2679276	22027	96726	268411	1059415	10.0 5000	50.0	200	500	2000

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	TBAd9	Ave	15180 7667767	70972	308689	797626	3151782	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	3008 1811800	15329	69188	180123	716224	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	10071 5610847	46231	201112	531132	2164051	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	6079 3511165	28367	129495	360263	1354073	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7996 4015355	33338	147745	386683	1546053	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	867 709340	5219	21839	59084	261844	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2208 1818348	12397	58850	162430	708787	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	15707 8216092	69725	314100	811096	3335243	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	3622 2351242	18172	78488	208725	905231	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3601 2040026	17085	73043	194933	798040	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1737 894841	7104	31989	84223	351009	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1727 1176801	8528	39975	108445	457833	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	5918 3041443	26757	116335	301571	1240163	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	8726 4574198	44058	177714	473200	1900406	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	4122 2338538	19201	85253	224682	937968	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	1397 877334	7488	32925	84916	341957	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	13581 7680558	65144	285548	747223	3160867	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	2549	13693	57937	155275	614520	2.00	10.0	40.0	100	400

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			1479560					1000				
Chloroform	FB	Ave	6657 3330073	26749	119413	313314	1284943	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	4282 2643417	19869	89680	247450	1004745	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4970 2990588	22920	105977	295306	1159917	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4344 2793954	20525	96922	260806	1060590	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3452 2210350	15883	72396	200268	836080	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	14514 8033543	63947	286717	761077	3082211	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4662 2562020	21824	94246	241042	987882	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	2356 2256608	16929	59020	200962	885387	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	10238 7035277	50849	231265	622961	2689350	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Lin2	657 784792	5628	27731	73312	312945	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	8258 3990793	36435	162447	426197	1604530	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3322 1866295	14927	61691	173351	709479	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	Ave	1558 1140674	7865	35339	97342	450131	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	5270 3606730	26762	124346	350879	1381634	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	9545 5911969	43265	209984	571983	2339816	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4077 2267359	19334	84176	214594	891436	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	1779 1035193	7876	36201	94701	397845	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	QuaF	405 404099	1784	13940	38980	158204	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	957 839562	5607	27194	72884	323534	2.00 1000	10.0	40.0	100	400
n-Propyl acetate	FB	Ave	5294 3222007	23933	111151	308484	1294827	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	3742 2477708	18714	83096	217380	935430	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1088 938431	6552	31326	81304	360052	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1630 1381034	8652	44440	123943	536583	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	6718 4401556	31866	148977	406225	1724903	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	4733 3296300	22668	104523	286575	1249455	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	21990 11229210	91568	413789	1121011	4626173	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	13617 7800833	59559	271204	728914	3008455	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	3674 2791571	18672	83762	238012	1038918	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	3080 2467611	15501	73884	215061	949557	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	1951 1296351	10110	45573	118389	505288	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	2251 1679731	12405	54445	155627	634739	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	4301 2730101	20261	96566	250630	1052785	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	11304 7607765	57245	267633	741987	3100606	5.00 2500	25.0	100	250	1000
Dibromochloromethane	CBNZ d5	Ave	2002 1590278	10868	48370	131869	592618	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2472 1410098	10241	47651	126752	531224	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	5103 3492197	24710	116124	320636	1385204	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	7775 4583950	36507	157668	414259	1756027	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2367 1632928	11964	53008	140474	611204	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	4064 2608430	17775	86168	241371	998982	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	4412 3164610	21903	104805	293214	1217806	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	4383 3157001	20947	104999	290462	1214790	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	6933 5209386	34393	169992	471970	2010767	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	1592 1330235	9047	41872	117045	522354	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	1109 1014752	6316	29580	83874	377375	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	5107 3922278	25075	128232	363604	1587501	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	11501 8138503	54398	269025	749795	3141867	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	3188 1875397	14078	65506	170083	713076	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Lin2	489 488200	3731	18053	46694	191790	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3210 2063442	16261	73487	196238	814249	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1082 691664	4356	23602	65564	270737	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	3073 2182467	14204	74058	201841	842911	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	2660 1890919	13803	62343	173334	721938	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	11630 8278432	55412	267723	752873	3236246	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	9979 6257587	47326	216293	583795	2398829	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	9696 7079715	45421	226816	640504	2714285	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCBd 4	Ave	2463 2412086	12486	68410	201013	938297	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	7297 5731086	34889	176391	504691	2173986	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	10052 7160705	47592	235713	657453	2767111	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	11419 9135316	57891	295016	836075	3504718	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	5767 3641630	27532	125212	340000	1393382	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	6662 3654322	28724	126261	340713	1408034	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	10778 7565986	50559	244144	689297	2907302	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	10788 7622252	51925	248723	679960	2951367	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	924 701426	4040	17620	55035	266713	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	9618 6868364	48830	232510	635381	2752347	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	6159 3598943	27813	121137	331084	1388437	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	5899 4035854	27224	132592	373787	1580939	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	6179 4205398	30781	148597	412255	1671177	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	664 405150	2774	12987	35059	156113	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	8871 7264685	46173	234229	666981	2873667	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	5141 2947912	23078	101881	270900	1166837	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	5171 2640188	20499	92315	242943	1047118	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	2164 1329278	10272	44465	122867	509776	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	10621 6533030	47107	223284	615697	2581527	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	4747 2533114	19664	87747	237703	995596	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	155230 175774	155911	174939	180035	184964	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	197789 216946	199593	222579	225930	227087	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	632621 755959	630996	729097	756667	783226	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCBd 4	Ave	162366 204545	163571	190106	203298	207346	50.0 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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

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.: 460-267360-1 Analy Batch No.: 871531

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/12/2022 18:32 Calibration End Date: 10/13/2022 04:16 Calibration ID: 91507

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-871531/19	B92958.D
Level 2	STD5 460-871531/5	B92944.D
Level 3	STD20 460-871531/6	B92945.D
Level 4	STD50 460-871531/7	B92946.D
Level 5	STD200 460-871531/8	B92947.D
Level 6	STD500 460-871531/9	B92948.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
Chloromethane	1.7						30					
Chloroethane	-2.0						30					
Acetone	3.5						30					
Isopropyl acetate	0.8						30					
1,2,3-Trichloropropane	-0.4						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-Oct-2022 18:32:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0151643-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 17:14:09 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: N1JZ Date: 13-Oct-2022 03:22:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.819	0.794	0.025	1	1183	5.00	3.38	Ma
2 1,1-Difluoroethane	51	0.868	0.874	-0.006	94	42025	5.00	4.97	
3 Dichlorodifluoromethane	85	0.868	0.886	-0.018	92	21088	5.00	4.61	M
4 Chlorodifluoromethane	67	0.886	0.886	0.000	94	3463	5.00	5.69	a
5 Chloromethane	50	0.996	0.990	0.006	96	27029	5.00	4.58	M
7 Vinyl chloride	62	1.044	1.044	0.000	95	18864	5.00	4.73	
6 Butadiene	54	1.057	1.050	0.007	94	19141	5.00	4.53	
8 Bromomethane	94	1.239	1.239	0.000	96	11905	5.00	5.52	
9 Chloroethane	64	1.276	1.264	0.012	97	11630	5.00	5.41	
10 Dichlorofluoromethane	67	1.410	1.404	0.006	98	29956	5.00	5.20	
12 Pentane	43	1.435	1.441	-0.006	97	62317	10.0	10.1	
11 Trichlorofluoromethane	101	1.441	1.447	-0.006	41	18689	5.00	4.81	
13 Ethyl ether	59	1.581	1.581	0.000	70	12881	5.00	5.01	
15 2-Methyl-1,3-butadiene	53	1.587	1.587	0.000	95	15460	5.00	4.66	
14 Ethanol	46	1.581	1.617	-0.036	58	2608	200.0	142.6	Ma
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.617	1.624	-0.007	72	11043	5.00	4.79	M
18 Acrolein	56	1.660	1.660	0.000	96	91953	200.0	202.6	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.666	1.666	0.000	47	20812	5.00	4.93	Ma
19 1,1-Dichloroethene	96	1.721	1.721	0.000	95	11775	5.00	4.72	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.764	1.758	0.006	68	12754	5.00	4.88	
21 Acetone	43	1.776	1.776	0.000	69	24810	25.0	20.5	
22 Iodomethane	142	1.819	1.819	0.000	96	21709	5.00	5.08	
23 Carbon disulfide	76	1.855	1.861	-0.006	99	47602	5.00	4.81	
24 Isopropyl alcohol	45	1.922	1.910	0.012	23	12460	50.0	39.4	a
25 3-Chloro-1-propene	39	1.965	1.965	0.000	92	21719	5.00	4.44	
26 Methyl acetate	43	1.995	1.995	0.000	99	30071	10.0	11.0	
27 Acetonitrile	39	2.014	2.014	0.000	29	17568	50.0	56.7	a
28 Methylene Chloride	84	2.062	2.056	0.006	95	16933	5.00	5.17	
* 29 TBA-d9 (IS)	65	2.154	2.166	-0.012	0	438014	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.239	2.233	0.006	30	22027	50.0	46.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.245	2.251	-0.006	95	70972	50.0	49.3	
32 trans-1,2-Dichloroethene	96	2.264	2.258	0.006	64	15329	5.00	4.90	
33 Methyl tert-butyl ether	73	2.300	2.294	0.006	97	46231	5.00	4.84	
34 Hexane	57	2.477	2.483	-0.006	95	28367	5.00	4.70	
35 1,1-Dichloroethane	63	2.587	2.593	-0.006	98	33338	5.00	4.75	
36 Vinyl acetate	86	2.660	2.666	-0.006	100	5219	10.0	9.69	Ma
37 2-Chloro-1,3-butadiene	88	2.672	2.666	0.006	59	12397	5.00	4.50	
38 Isopropyl ether	45	2.684	2.690	-0.006	90	69725	5.00	4.78	
39 Tert-butyl ethyl ether	87	3.020	3.014	0.006	86	18172	5.00	4.82	
* 40 2-Butanone-d5	46	3.093	3.099	-0.006	0	495702	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.099	3.099	0.000	31	17085	5.00	4.90	
42 2,2-Dichloropropane	79	3.105	3.105	0.000	47	7104	5.00	4.62	
43 2-Butanone (MEK)	72	3.154	3.160	-0.006	98	8528	25.0	22.3	
44 Propionitrile	54	3.215	3.202	0.013	95	26757	50.0	48.0	
45 Ethyl acetate	43	3.233	3.227	0.006	98	44058	10.0	10.3	
62 Methyl acrylate	55	3.245	3.245	0.000	97	19201	5.00	4.79	
46 Chlorobromomethane	128	3.318	3.324	-0.006	89	7488	5.00	5.02	
47 Methacrylonitrile	67	3.337	3.343	-0.006	96	65144	50.0	48.7	
48 Tetrahydrofuran	42	3.416	3.410	0.006	58	13693	10.0	10.1	
49 Chloroform	83	3.428	3.422	0.006	96	26749	5.00	4.65	
$ 50 Dibromofluoromethane (Surr)	113	3.580	3.587	-0.007	95	155911	50.0	49.3	
51 1,1,1-Trichloroethane	97	3.593	3.593	0.000	39	19869	5.00	4.63	
52 Cyclohexane	84	3.635	3.635	0.000	95	22920	5.00	4.59	
53 Carbon tetrachloride	117	3.757	3.757	0.000	70	15883	5.00	4.54	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	90	20525	5.00	4.55	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	199593	50.0	50.2	
56 Benzene	78	3.971	3.977	-0.006	96	63947	5.00	4.81	
57 1,2-Dichloroethane	62	4.007	4.013	-0.006	95	21824	5.00	4.95	
58 Isobutyl alcohol	42	4.032	4.044	-0.012	87	16929	125.0	126.5	M
59 Tert-amyl methyl ether	73	4.172	4.166	0.006	81	50849	5.00	4.62	a
73 Isopropyl acetate	61	4.178	4.178	0.000	92	5628	5.00	4.76	M
* 60 Fluorobenzene	96	4.306	4.312	-0.006	97	665636	50.0	50.0	
61 n-Heptane	43	4.343	4.355	-0.013	97	36435	5.00	4.89	
63 Trichloroethene	95	4.745	4.757	-0.012	93	14927	5.00	4.82	
64 n-Butanol	43	4.861	4.855	0.006	93	7865	125.0	111.3	
65 Methylcyclohexane	83	4.977	4.983	-0.006	82	26762	5.00	4.60	
66 Ethyl acrylate	55	4.977	4.983	-0.006	93	43265	5.00	4.43	a
67 1,2-Dichloropropane	63	5.031	5.031	0.000	93	19334	5.00	4.94	
68 Dibromomethane	93	5.178	5.178	0.000	39	7876	5.00	4.61	
* 69 1,4-Dioxane-d8	96	5.208	5.214	-0.006	0	31335	1000.0	1000.0	a
71 Methyl methacrylate	100	5.300	5.300	0.000	96	5607	10.0	8.99	
70 1,4-Dioxane	88	5.281	5.312	-0.031	28	1784	100.0	52.5	M
81 n-Propyl acetate	43	5.415	5.415	0.000	99	23933	5.00	4.49	a
72 Dichlorobromomethane	83	5.434	5.434	0.000	98	18714	5.00	4.77	
74 2-Nitropropane	41	5.781	5.781	0.000	96	6552	10.0	9.28	
75 2-Chloroethyl vinyl ether	63	5.940	5.934	0.006	90	8652	5.01	4.22	
76 Epichlorohydrin	57	5.976	5.976	0.000	98	31866	100.0	88.4	
77 cis-1,3-Dichloropropene	75	6.080	6.086	-0.006	97	22668	5.00	4.59	
78 4-Methyl-2-pentanone (MIBK)	43	6.403	6.403	0.000	96	91568	25.0	22.6	a
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	98	630996	50.0	49.0	
80 Toluene	91	6.562	6.562	0.000	93	59559	5.00	4.71	
82 trans-1,3-Dichloropropene	75	6.988	6.988	0.000	97	18672	5.00	4.62	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.257	7.257	0.000	91	15501	5.00	4.27	
83 1,1,2-Trichloroethane	83	7.263	7.263	0.000	85	10110	5.00	4.91	
85 Tetrachloroethene	166	7.421	7.427	-0.006	95	12405	5.00	4.86	
86 1,3-Dichloropropane	76	7.519	7.525	-0.006	94	20261	5.00	4.68	
87 2-Hexanone	43	7.805	7.799	0.006	98	57245	25.0	22.4	
88 Chlorodibromomethane	129	7.885	7.885	0.000	97	10868	5.00	4.75	
89 Ethylene Dibromide	107	8.013	8.013	0.000	98	10241	5.00	4.58	
90 n-Butyl acetate	43	8.110	8.110	0.000	96	24710	5.00	4.57	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	91	428121	50.0	50.0	
92 Chlorobenzene	112	8.927	8.933	-0.006	92	36507	5.00	4.94	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	92	11964	5.00	4.84	
94 Ethylbenzene	106	9.195	9.201	-0.006	99	17775	5.00	4.41	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	21903	5.00	4.54	
96 o-Xylene	106	10.073	10.073	0.000	93	20947	5.00	4.39	
97 Styrene	104	10.110	10.110	0.000	96	34393	5.00	4.42	
98 n-Butyl acrylate	73	10.244	10.244	0.000	96	9047	5.00	4.64	
99 Bromoform	173	10.341	10.347	-0.006	91	6316	5.00	4.51	
101 Amyl acetate (mixed isomers)	43	10.658	10.664	-0.006	89	25075	5.00	4.29	
102 Isopropylbenzene	105	10.732	10.732	0.000	97	54398	5.00	4.40	
$ 103 4-Bromofluorobenzene	174	10.927	10.927	0.000	85	163571	50.0	48.6	
104 Bromobenzene	156	11.103	11.103	0.000	93	14078	5.00	4.72	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	94	16261	5.00	4.91	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	83	3731	5.00	5.02	M
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	78	4356	5.00	4.09	
108 N-Propylbenzene	120	11.408	11.408	0.000	98	14204	5.00	4.32	
109 2-Chlorotoluene	126	11.463	11.463	0.000	98	13803	5.00	4.80	
110 4-Ethyltoluene	105	11.609	11.609	0.000	97	55412	5.00	4.46	
111 4-Chlorotoluene	91	11.658	11.658	0.000	98	47326	5.00	4.79	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	94	45421	5.00	4.35	
100 Butyl Methacrylate	87	12.079	12.079	0.000	94	12486	5.00	3.89	
113 tert-Butylbenzene	119	12.292	12.286	0.006	92	34889	5.00	4.26	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	98	47592	5.00	4.43	
115 sec-Butylbenzene	105	12.707	12.707	0.000	98	57891	5.00	4.35	
116 1,3-Dichlorobenzene	146	12.780	12.774	0.006	93	27532	5.00	4.80	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.884	0.000	98	230153	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	93	28724	5.00	4.82	
119 4-Isopropyltoluene	119	12.944	12.944	0.000	97	50559	5.00	4.46	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	51925	5.00	4.54	
121 Benzyl chloride	126	13.103	13.103	0.000	97	4040	5.00	4.25	
122 2,3-Dihydroindene	117	13.201	13.201	0.000	95	48830	5.00	4.49	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	93	27813	5.00	4.84	
124 p-Diethylbenzene	119	13.347	13.347	0.000	90	27224	5.00	4.44	
125 n-Butylbenzene	92	13.365	13.365	0.000	95	30781	5.00	4.63	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	55	2774	5.00	4.49	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	96	46173	5.00	4.35	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	96	23078	5.00	4.84	
129 1,2,4-Trichlorobenzene	180	14.444	14.444	0.000	94	20499	5.00	4.69	
130 Hexachlorobutadiene	225	14.560	14.554	0.006	93	10272	5.00	4.89	
131 Naphthalene	128	14.572	14.572	0.000	99	47107	5.00	4.56	
132 1,2,3-Trichlorobenzene	180	14.706	14.706	0.000	92	19664	5.00	4.73	
S 133 1,2-Dichloroethene, Total	100				0		10.0	9.81	
S 134 1,3-Dichloropropene, Total	100				0		10.0	9.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		10.0	8.93	
S 136 Total BTEX	1				0		25.0	22.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	5.00	Units: uL	
524freon_00058	Amount Added:	5.00	Units: uL	
GASES Li_00497	Amount Added:	5.00	Units: uL	
ACROLEIN W_00145	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Oct-2022 17:14:10 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D

Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2 Operator ID:

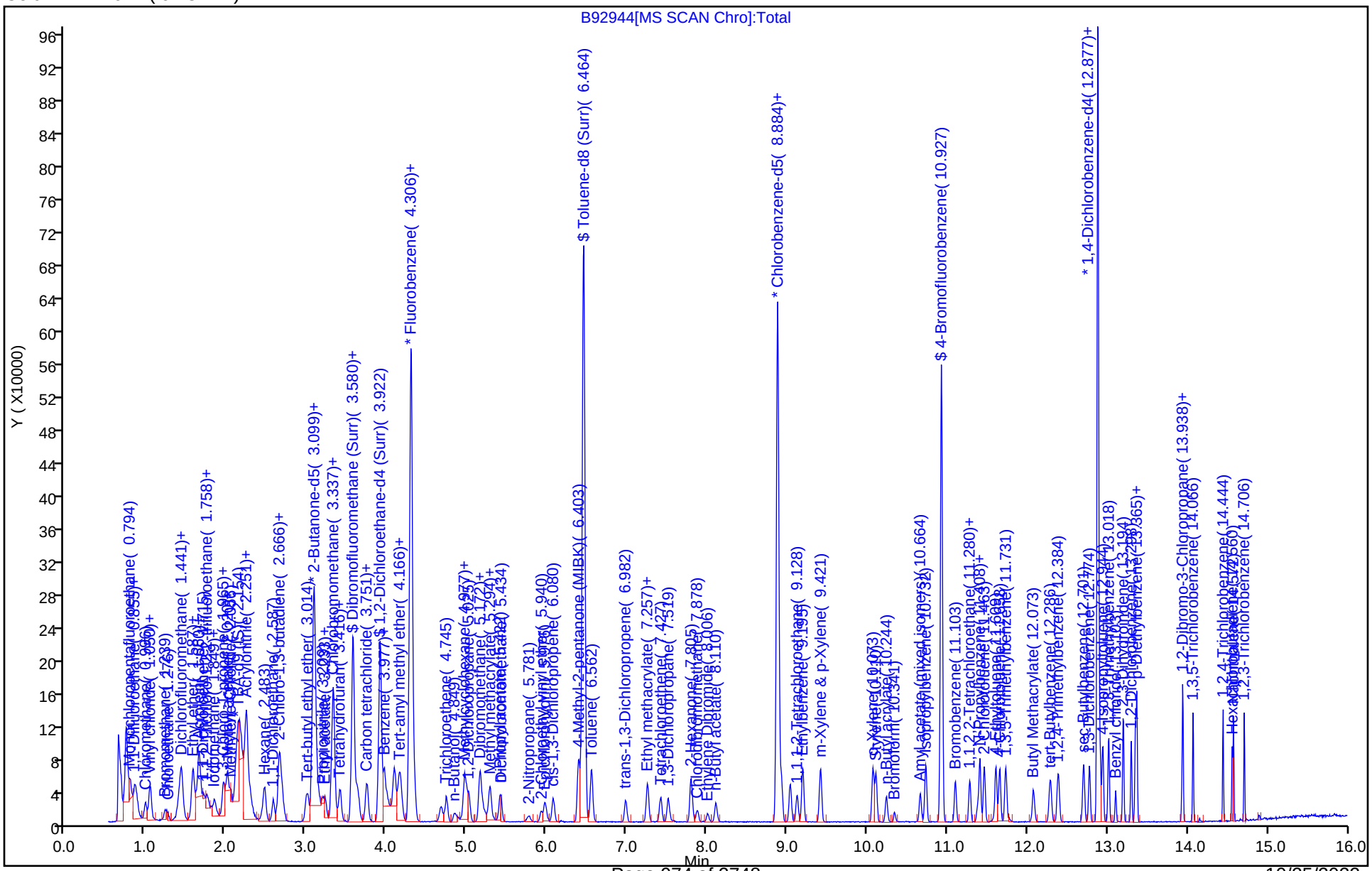
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

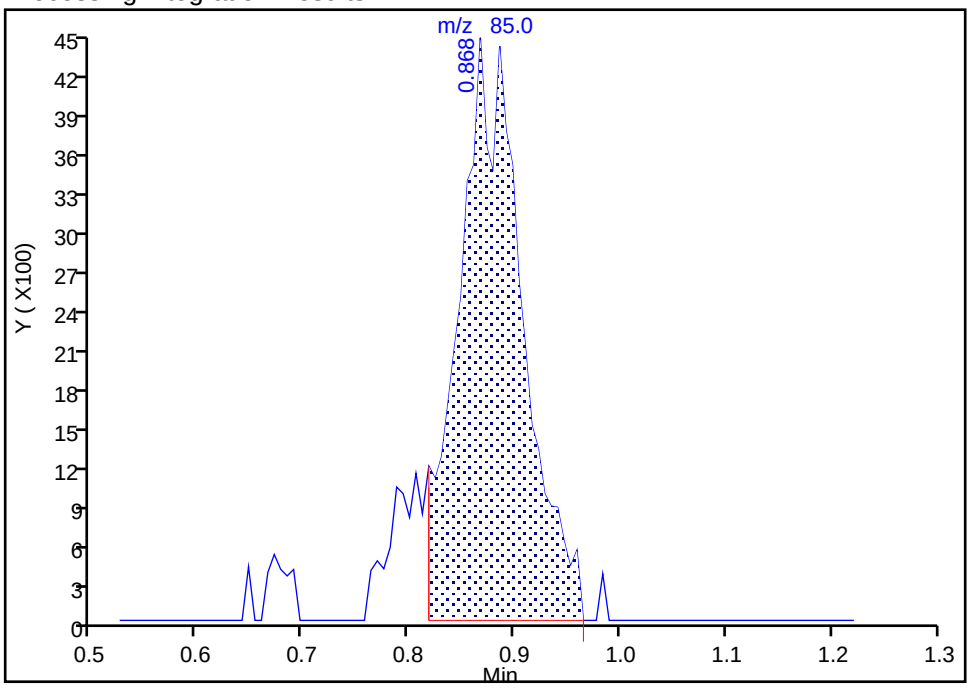
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

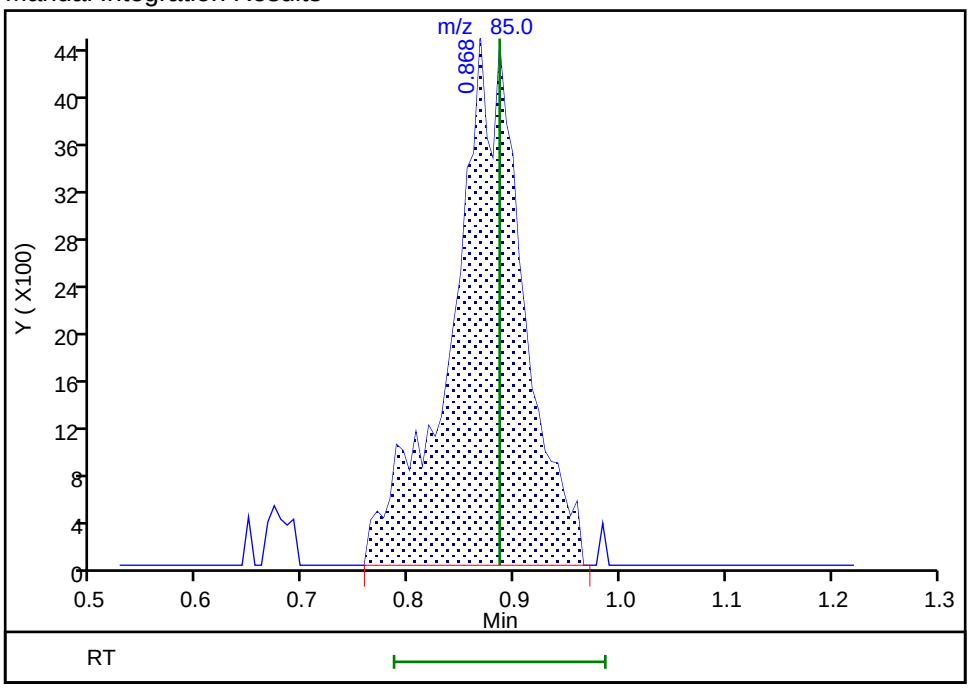
Processing Integration Results

RT: 0.87
Area: 18721
Amount: 4.162416
Amount Units: ug/l



Manual Integration Results

RT: 0.87
Area: 21088
Amount: 4.607859
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:39:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

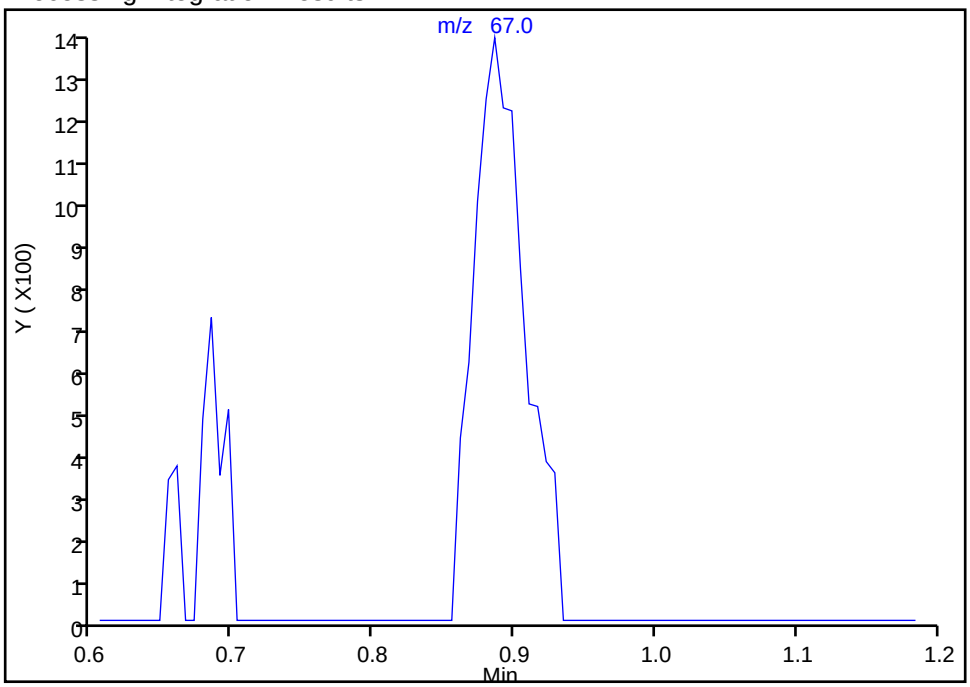
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

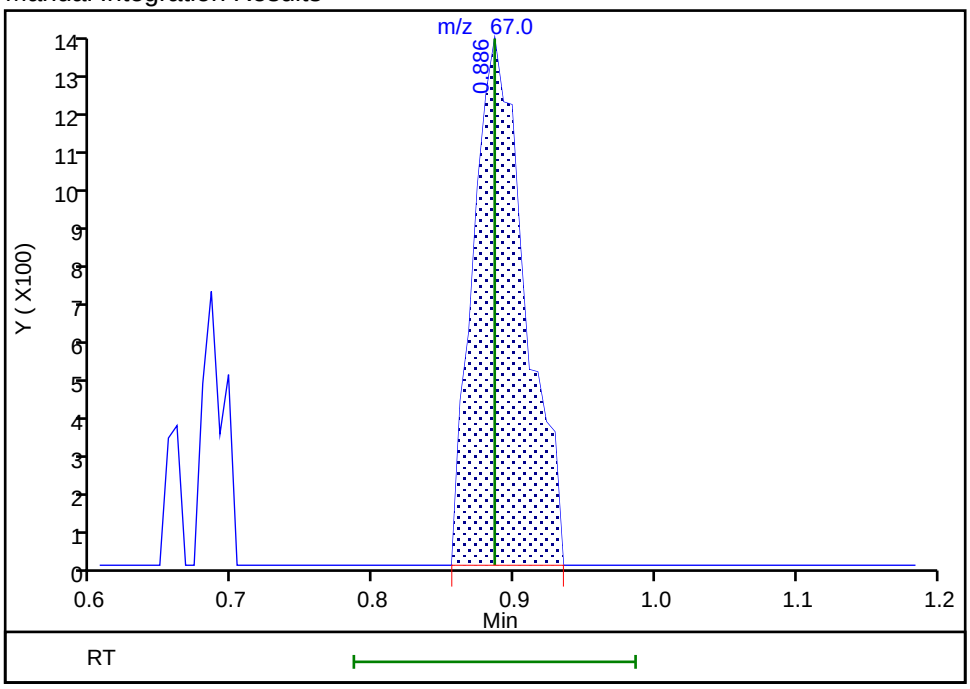
Not Detected
Expected RT: 0.89

Processing Integration Results



Manual Integration Results

RT: 0.89
Area: 3463
Amount: 5.693523
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:17:11
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

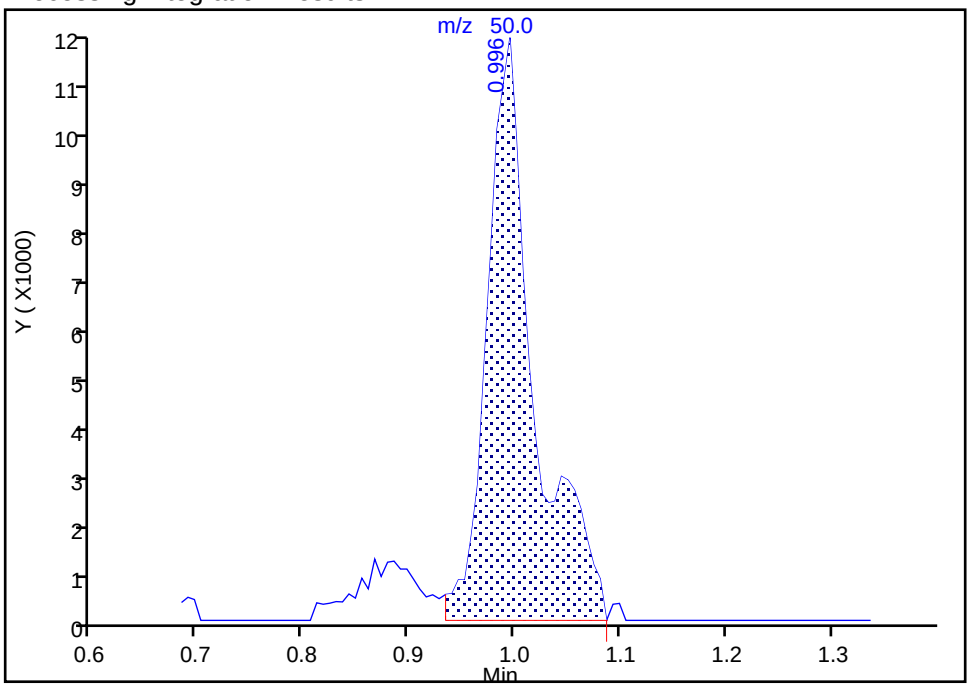
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

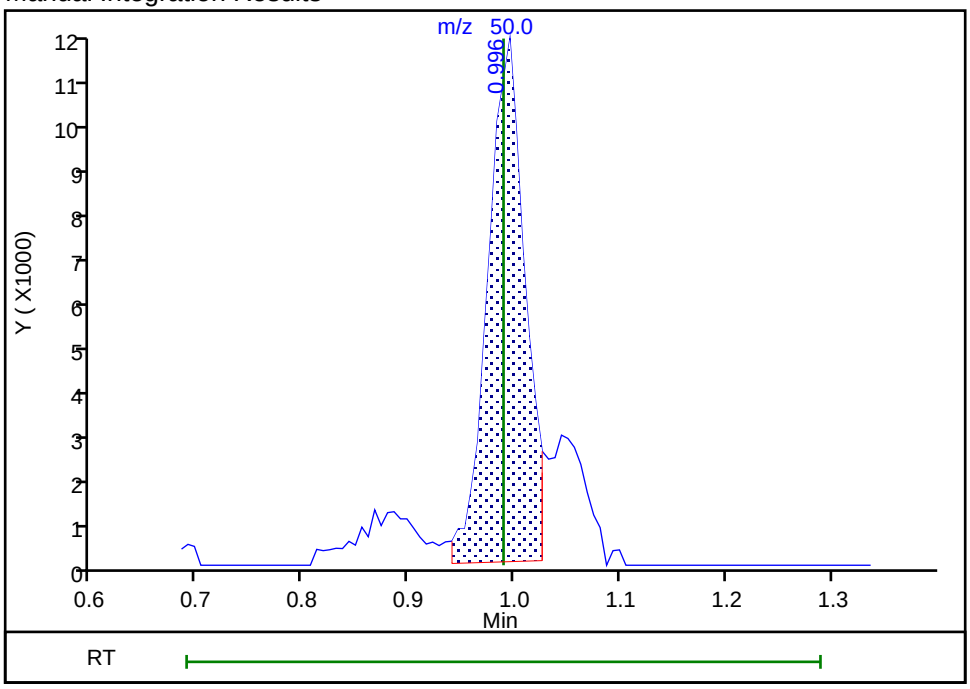
Processing Integration Results

RT: 1.00
Area: 34102
Amount: 5.780523
Amount Units: ug/l



Manual Integration Results

RT: 1.00
Area: 27029
Amount: 4.580147
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:19:14
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

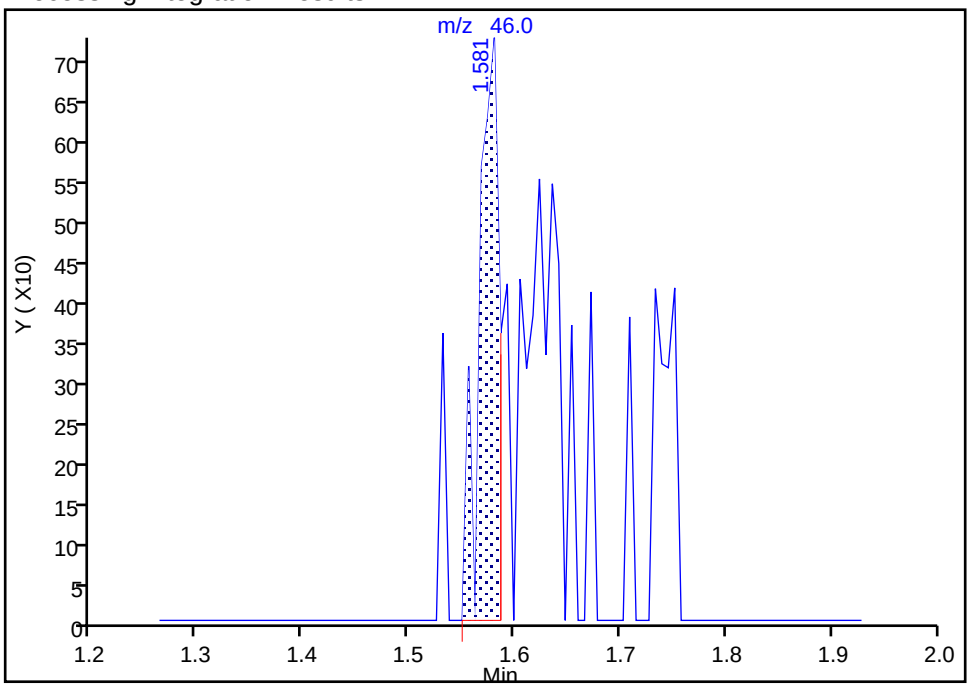
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

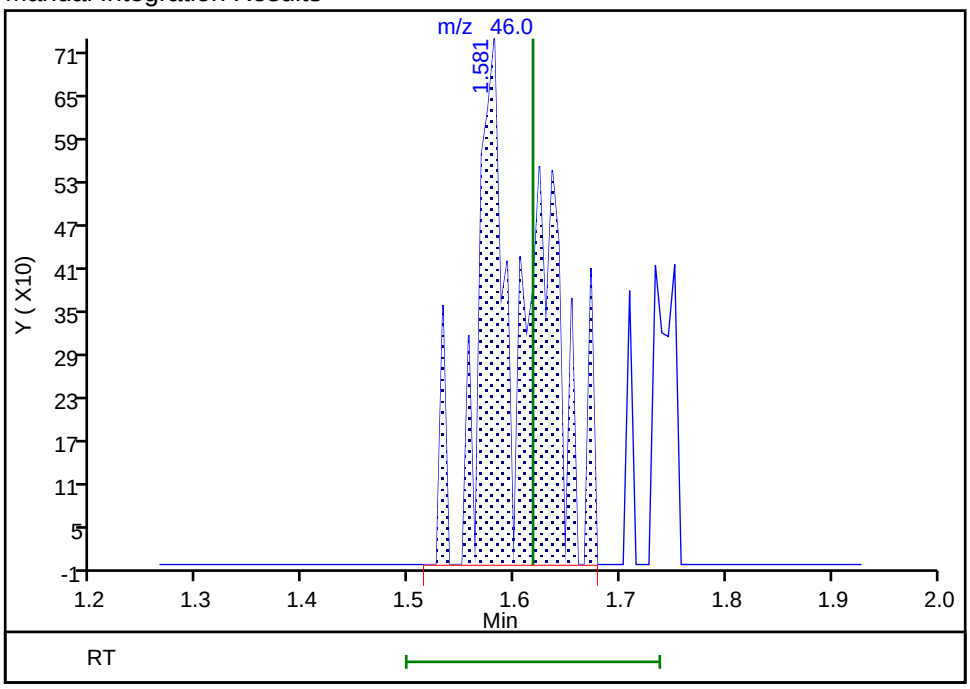
Processing Integration Results

RT: 1.58
Area: 945
Amount: 47.562211
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 2608
Amount: 142.6441
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:39:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

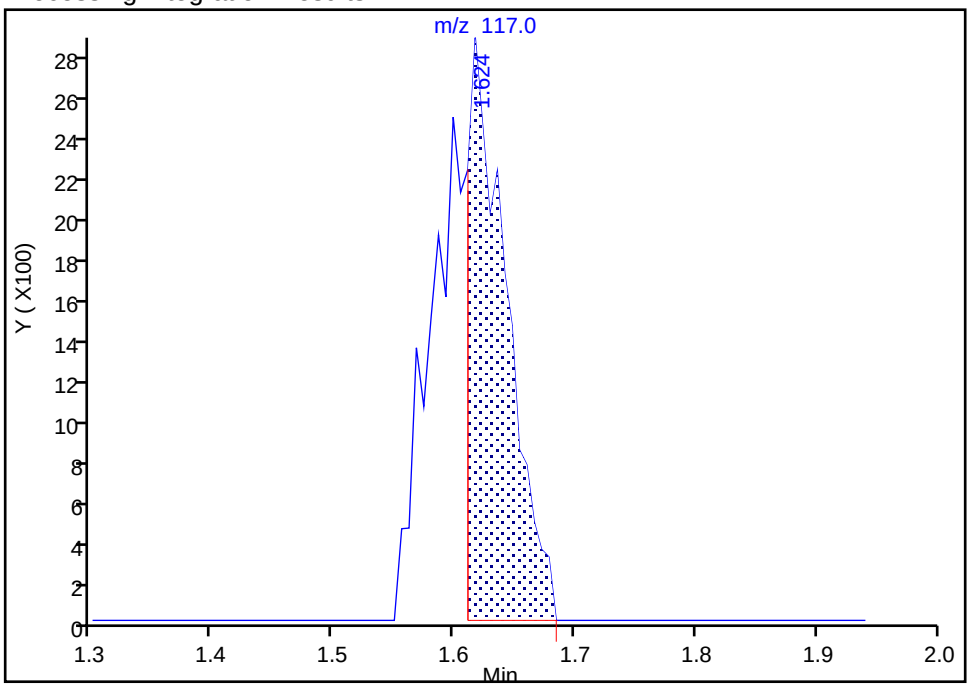
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

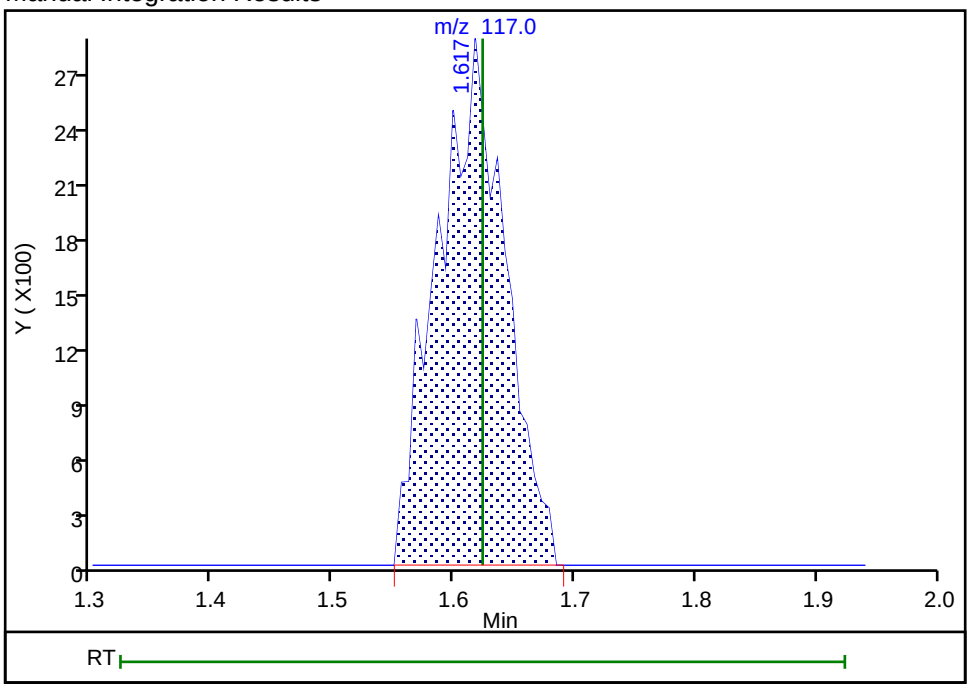
Processing Integration Results

RT: 1.62
Area: 6389
Amount: 2.778208
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 11043
Amount: 4.785978
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:39:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

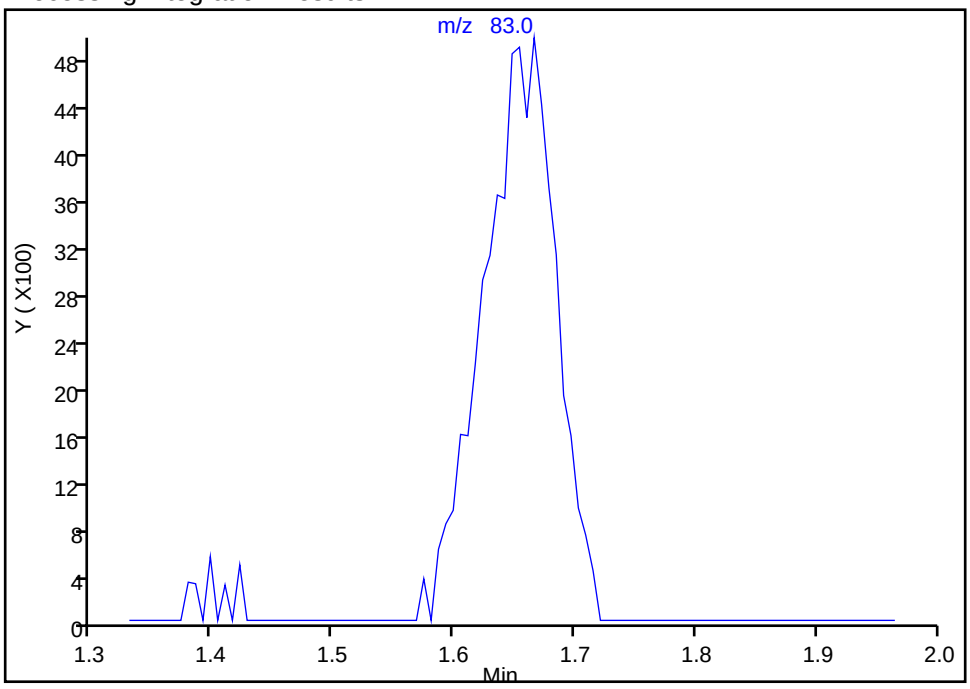
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

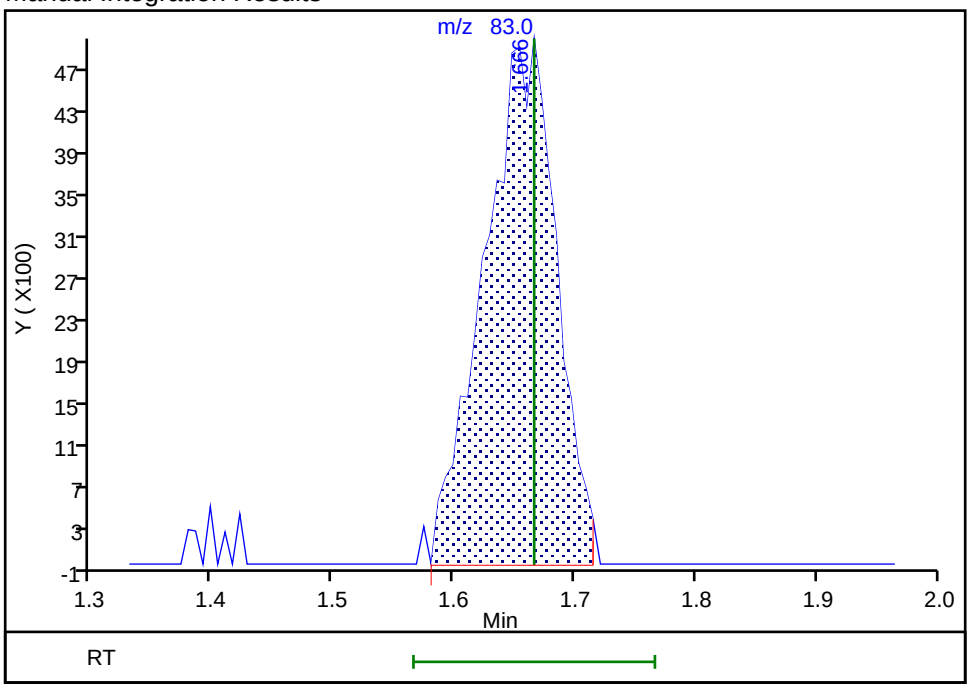
Not Detected
Expected RT: 1.67

Processing Integration Results



Manual Integration Results

RT: 1.67
Area: 20812
Amount: 4.928397
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:39:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

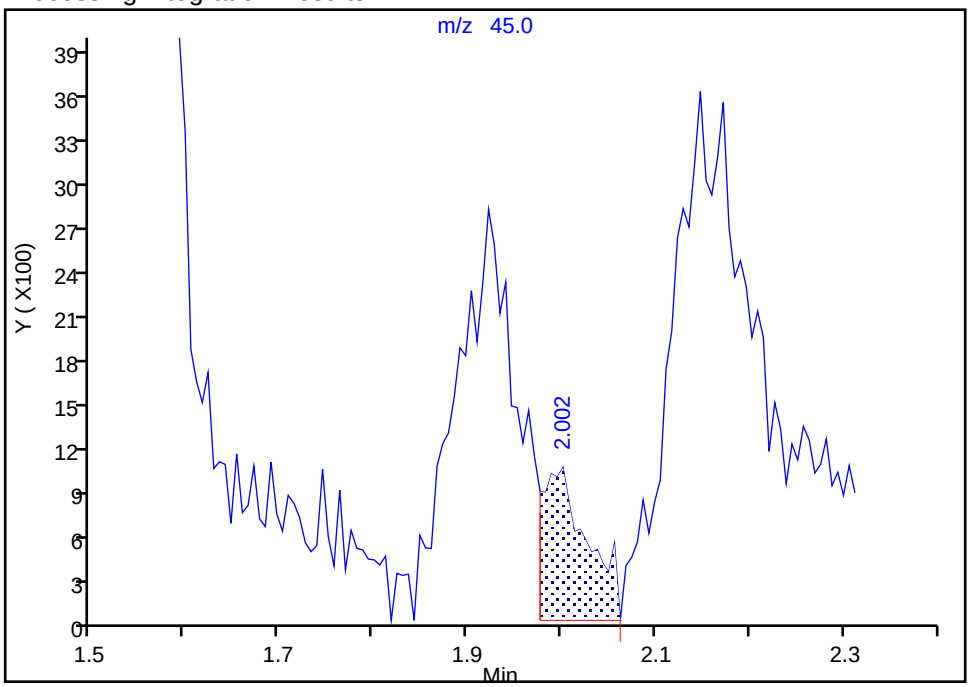
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

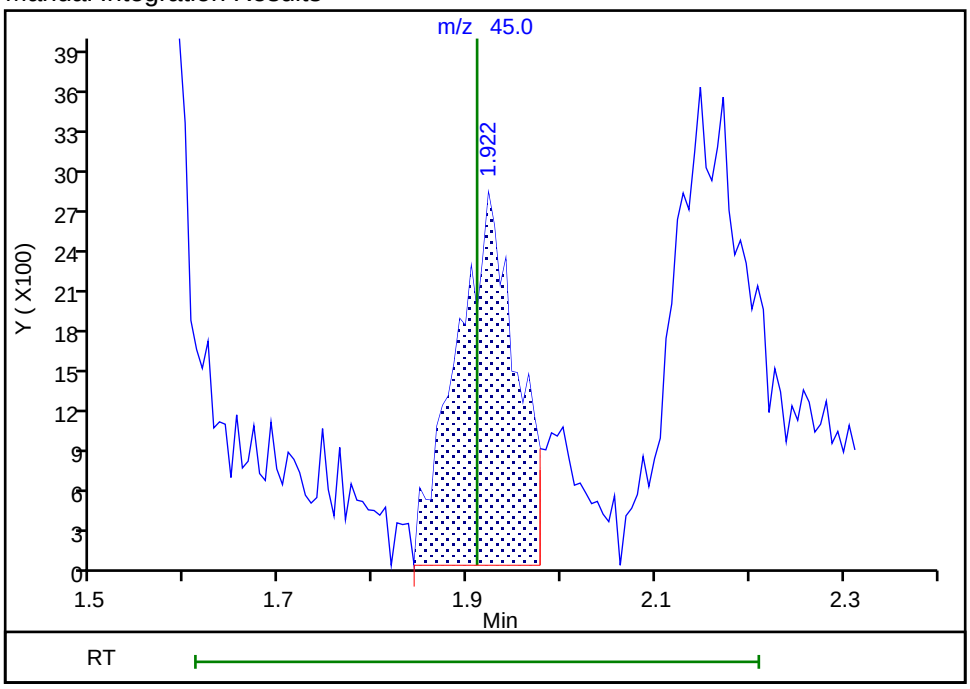
Processing Integration Results

RT: 2.00
Area: 3489
Amount: 9.936800
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 12460
Amount: 39.402847
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:19:56
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

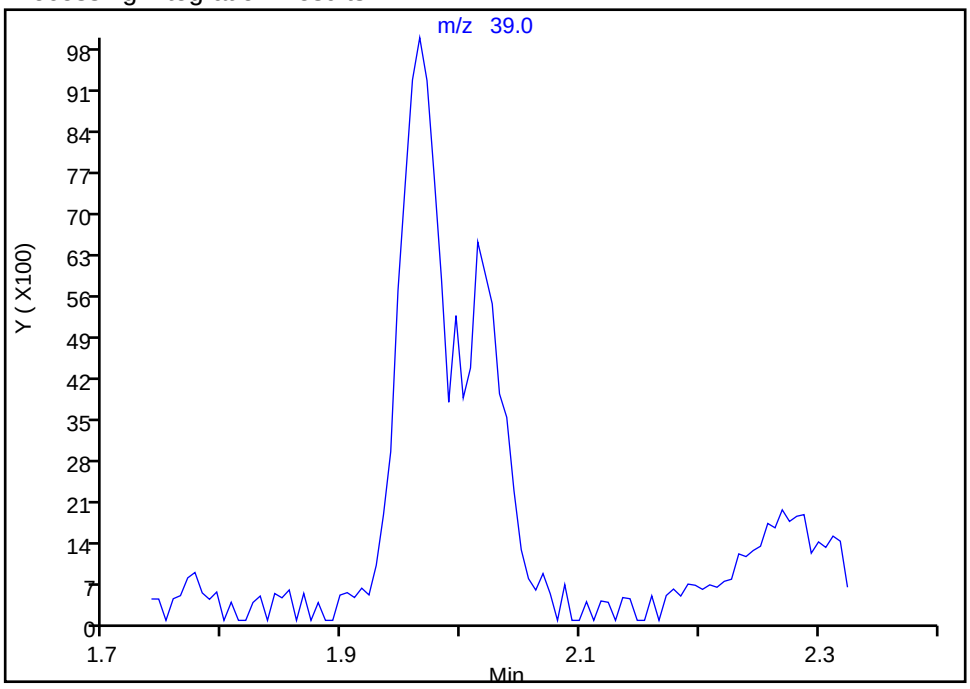
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

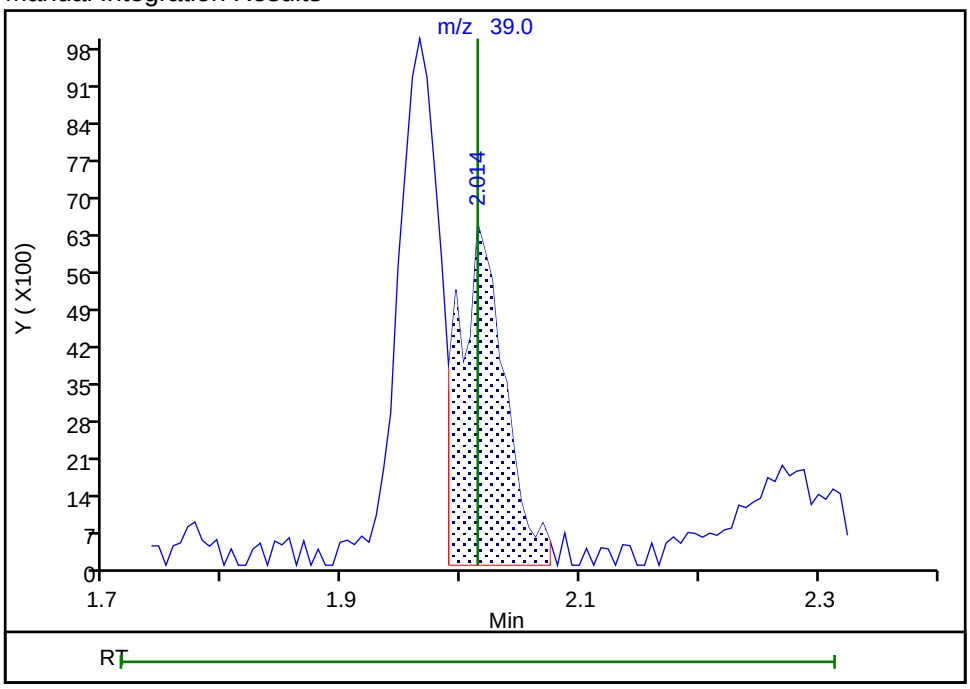
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.01
Area: 17568
Amount: 56.654255
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:20:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

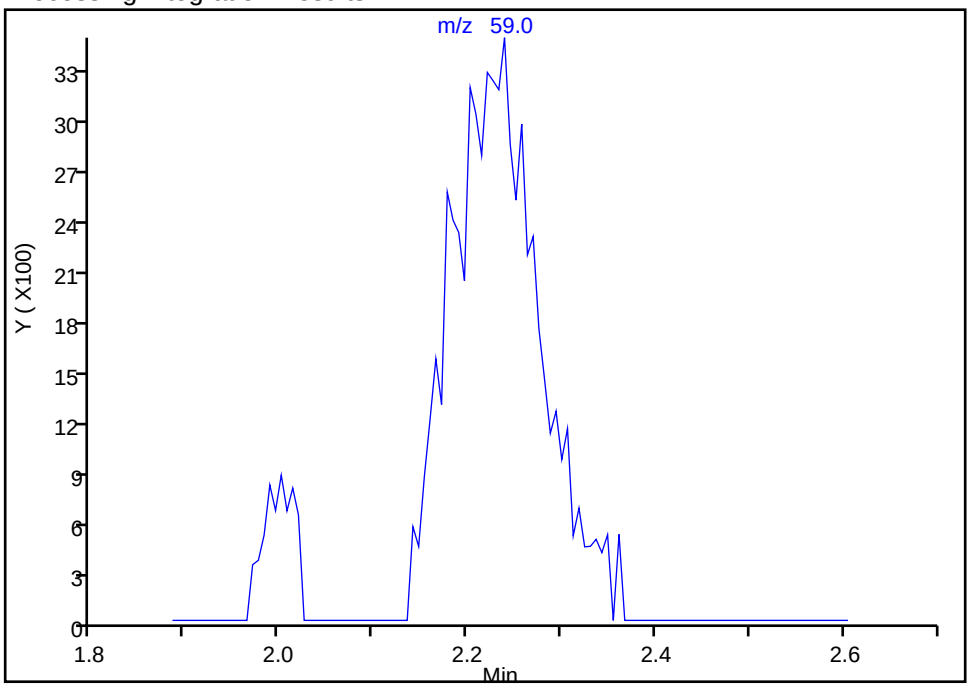
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

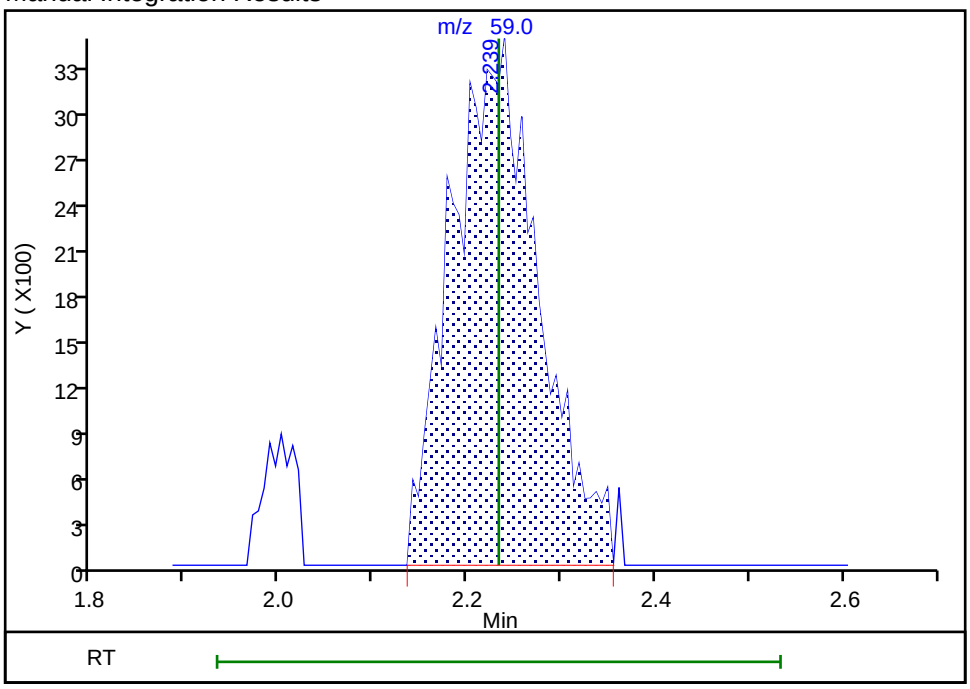
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 22027
Amount: 46.557517
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:20:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

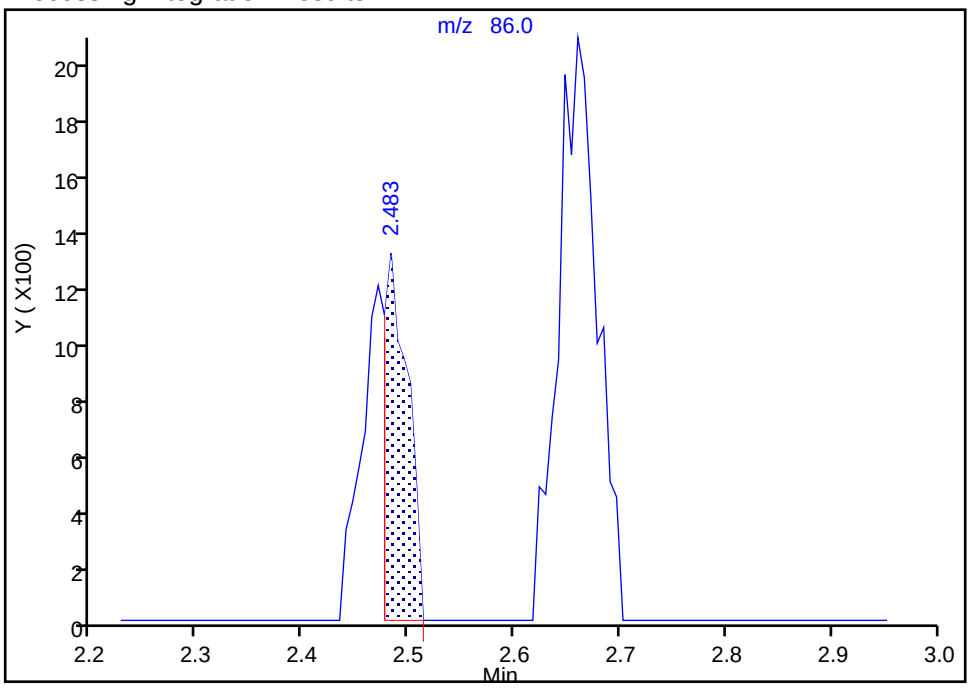
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

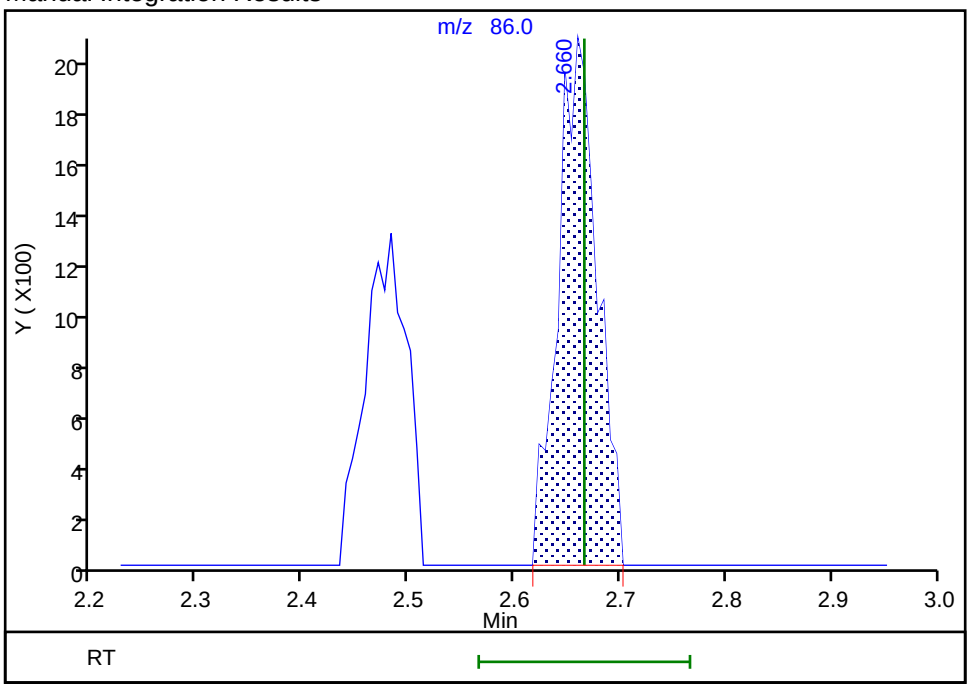
Processing Integration Results

RT: 2.48
Area: 2003
Amount: 5.133094
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 5219
Amount: 9.687025
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:40:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

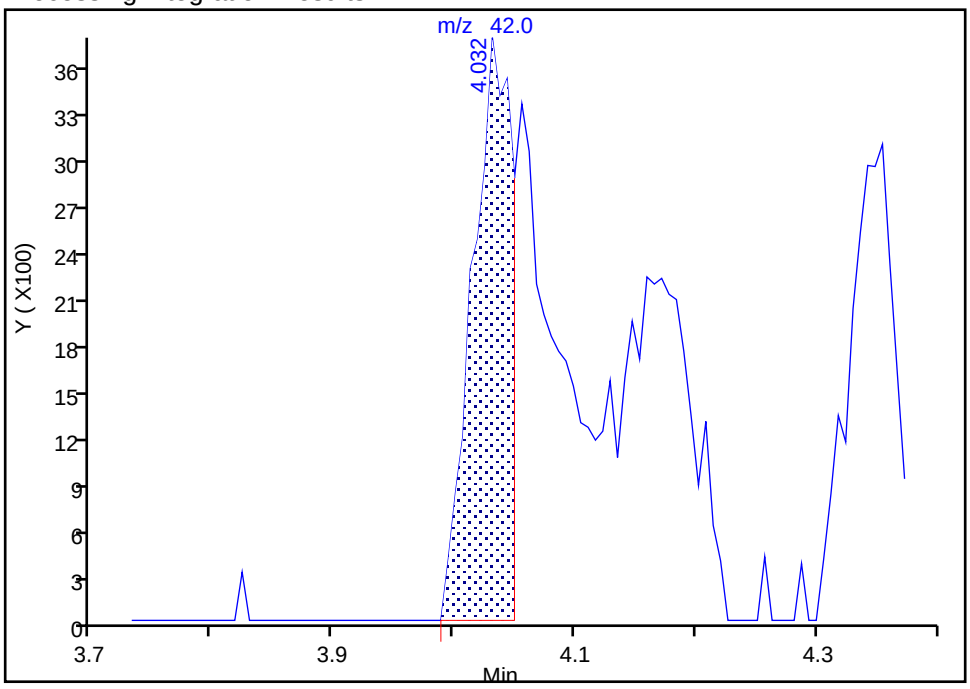
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

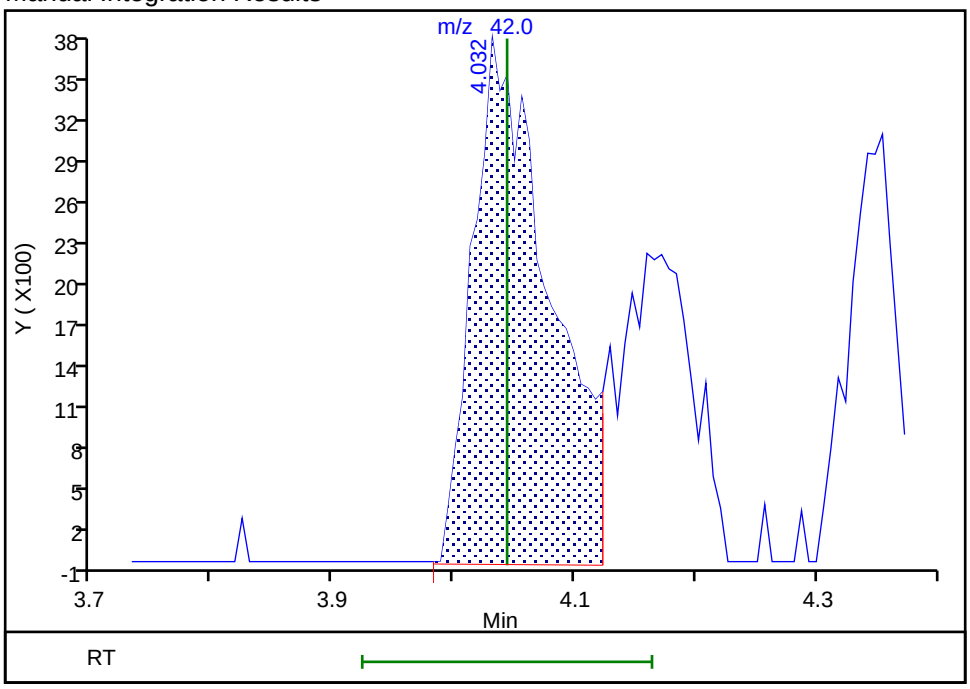
Processing Integration Results

RT: 4.03
Area: 8626
Amount: 54.976203
Amount Units: ug/l



Manual Integration Results

RT: 4.03
Area: 16929
Amount: 126.4636
Amount Units: ug/l



Reviewer: K0HS, 13-Oct-2022 13:05:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

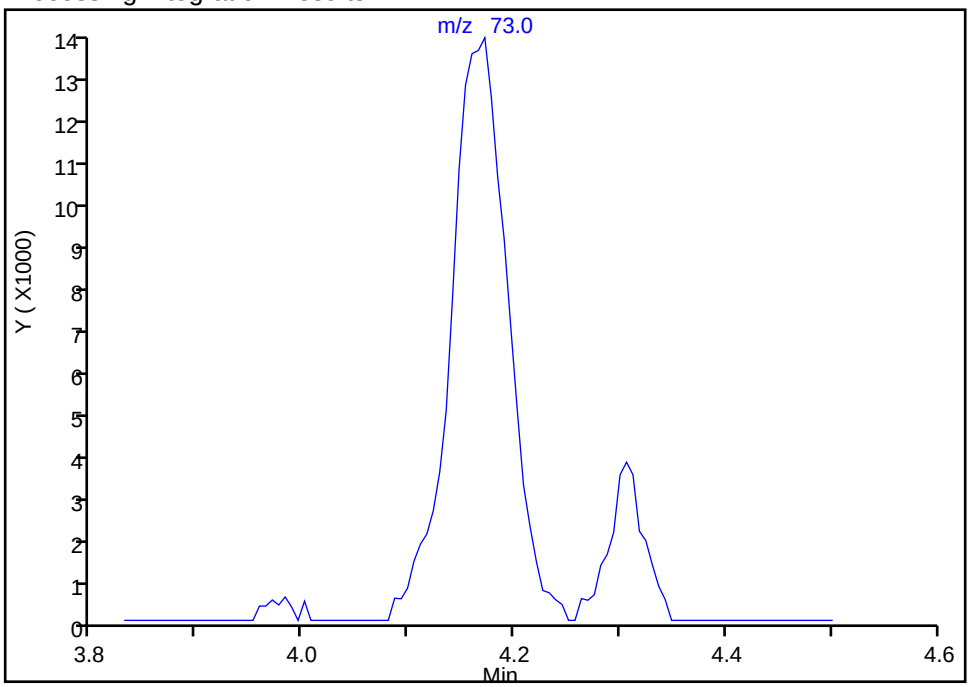
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

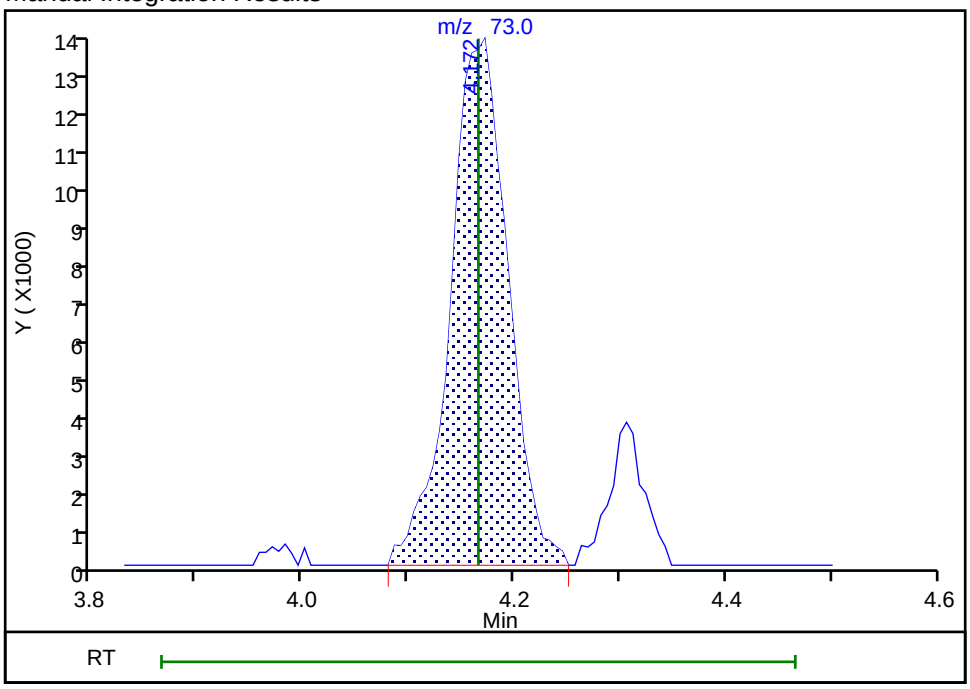
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 50849
Amount: 4.618576
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:20:49
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

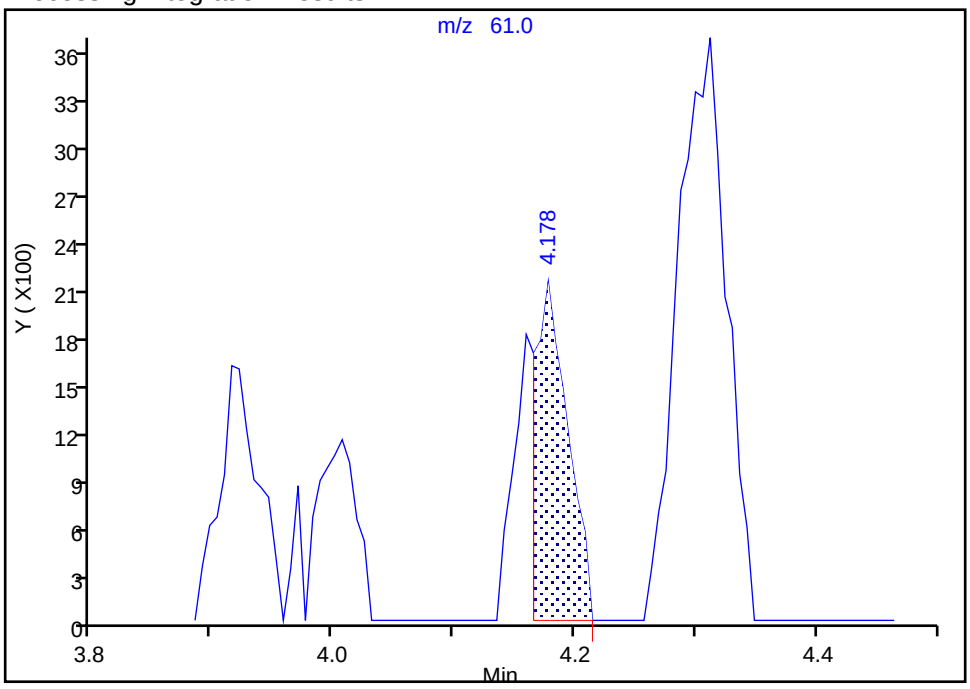
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

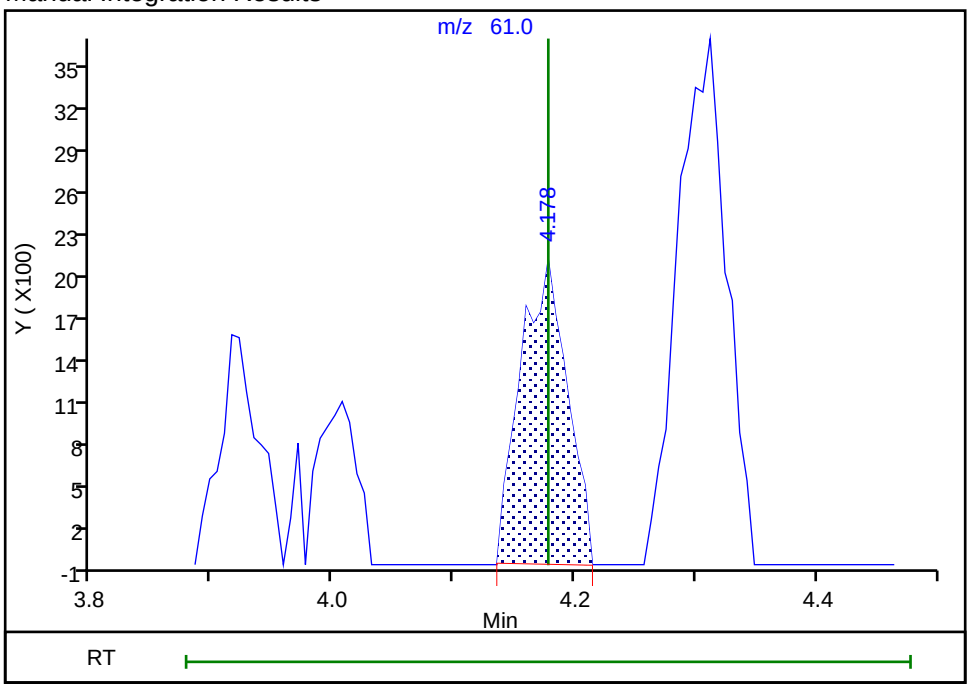
Processing Integration Results

RT: 4.18
Area: 4020
Amount: 2.937208
Amount Units: ug/l



Manual Integration Results

RT: 4.18
Area: 5628
Amount: 4.764900
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:20:57
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

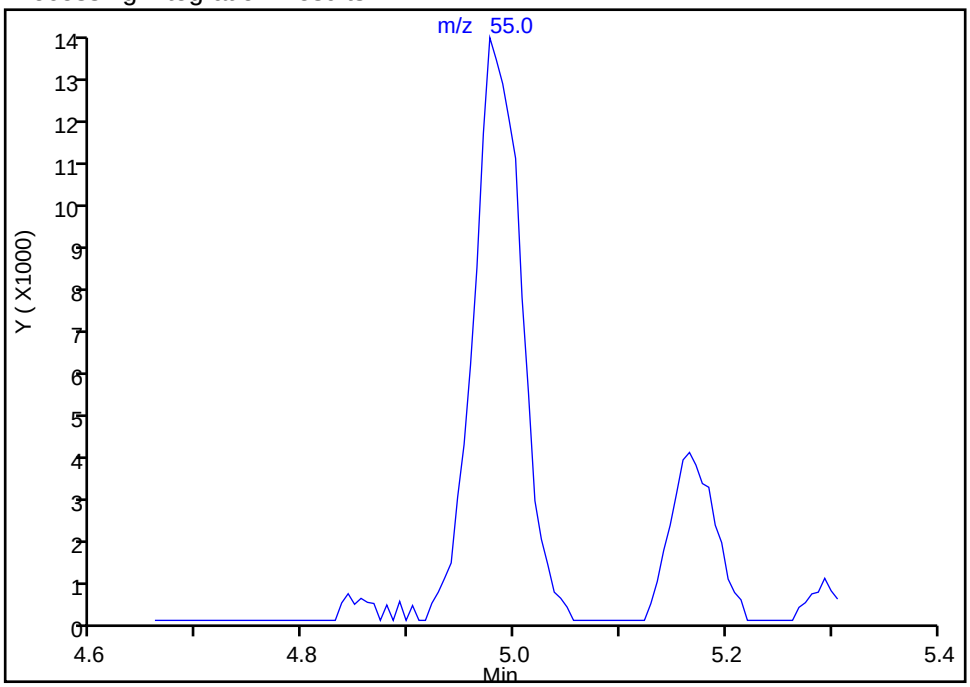
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Ethyl acrylate, CAS: 140-88-5

Signal: 1

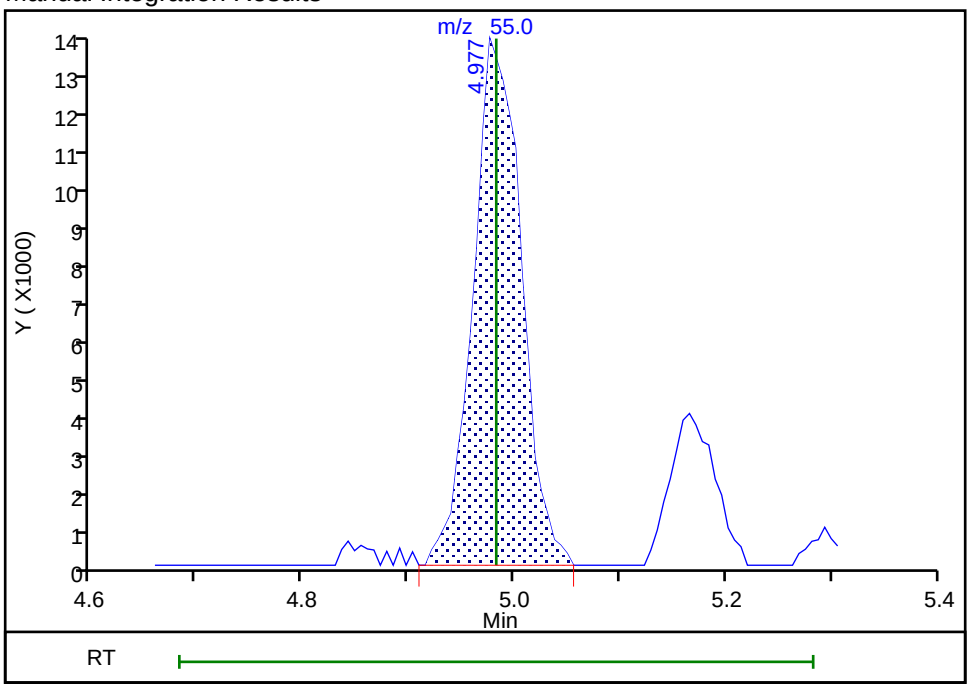
Not Detected
Expected RT: 4.98

Processing Integration Results



Manual Integration Results

RT: 4.98
Area: 43265
Amount: 4.432801
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:21:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

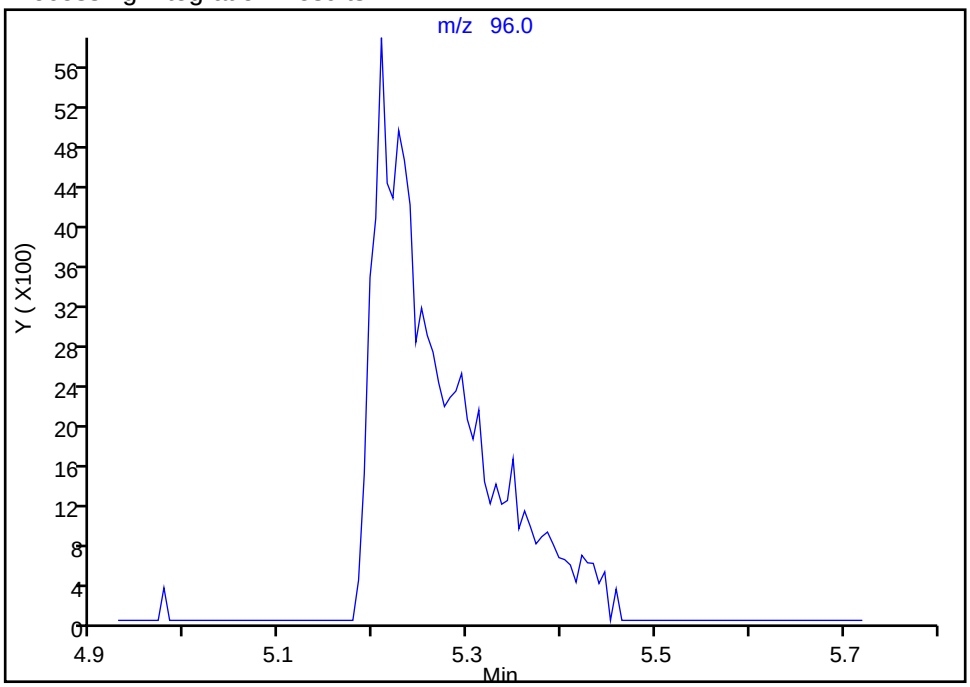
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

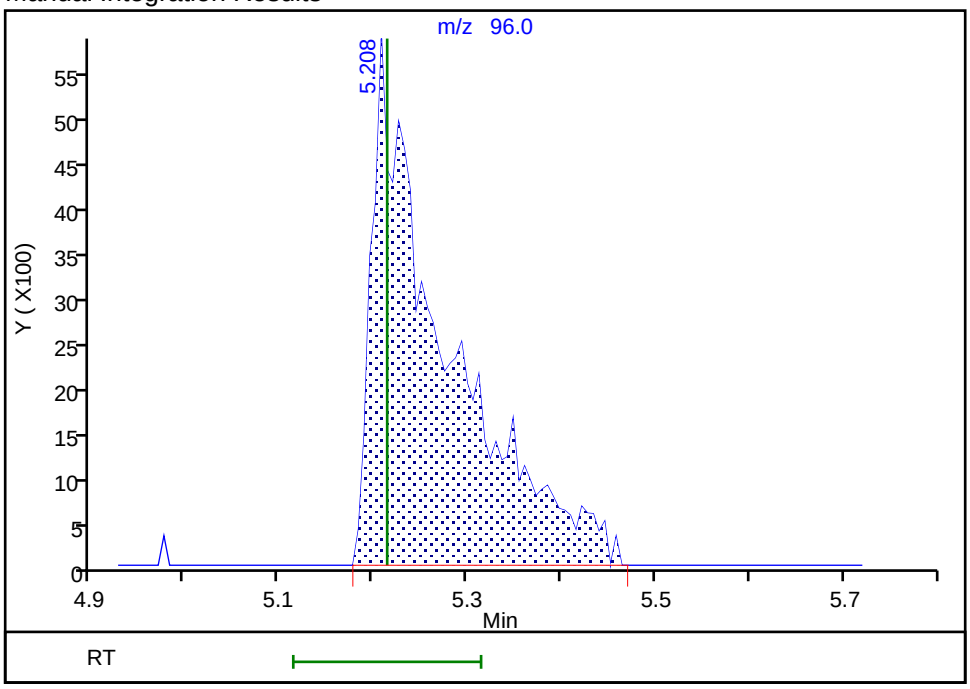
Not Detected
Expected RT: 5.21

Processing Integration Results



Manual Integration Results

RT: 5.21
Area: 31335
Amount: 1000.0000
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:16:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

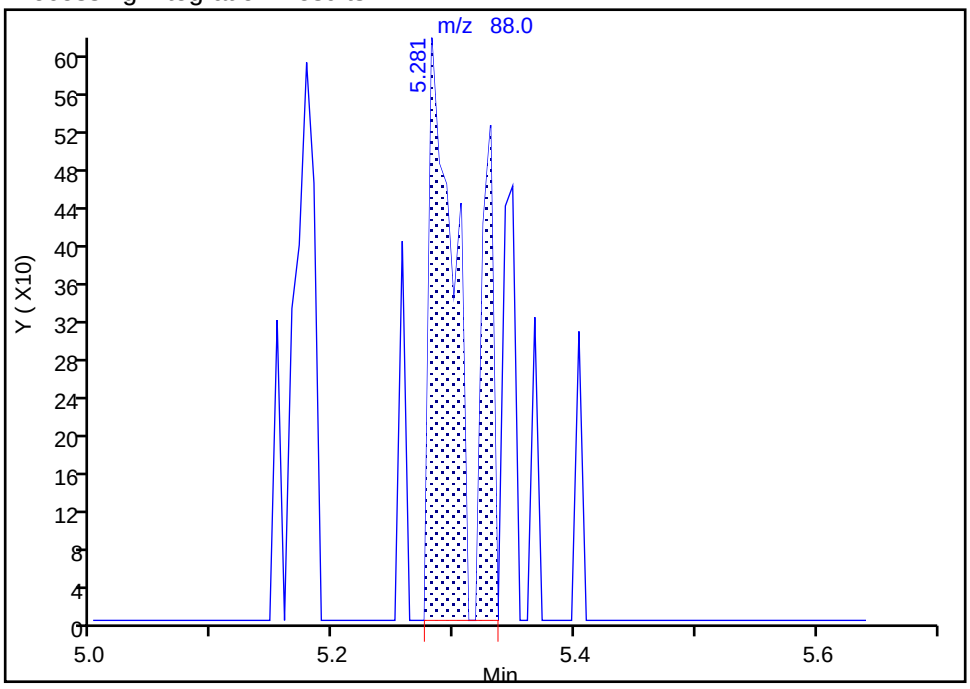
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

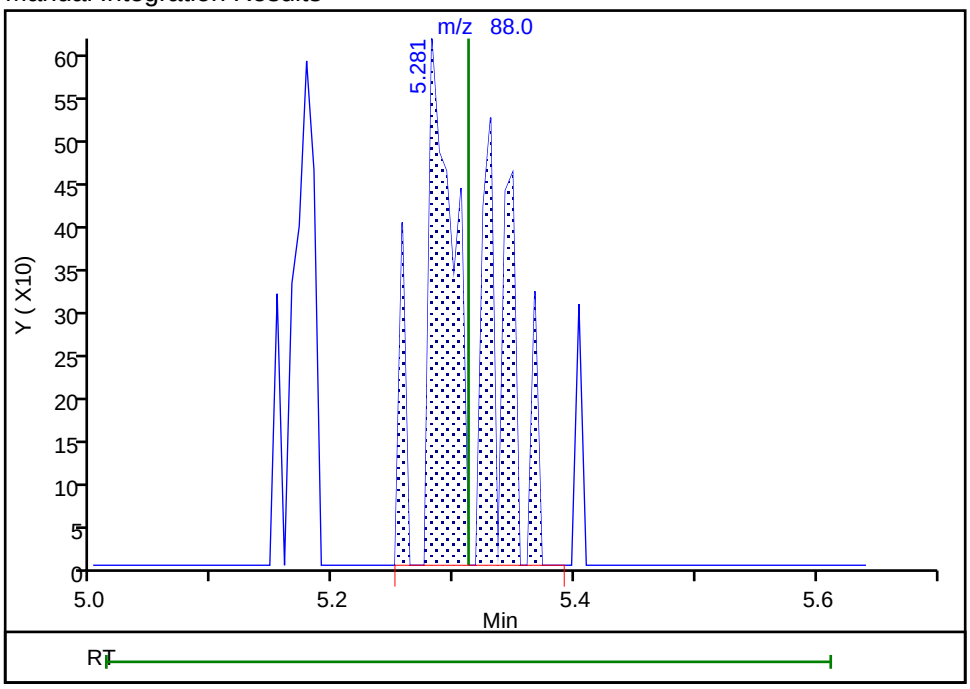
Processing Integration Results

RT: 5.28
Area: 1194
Amount: 43.675863
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 1784
Amount: 52.519165
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 14:04:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

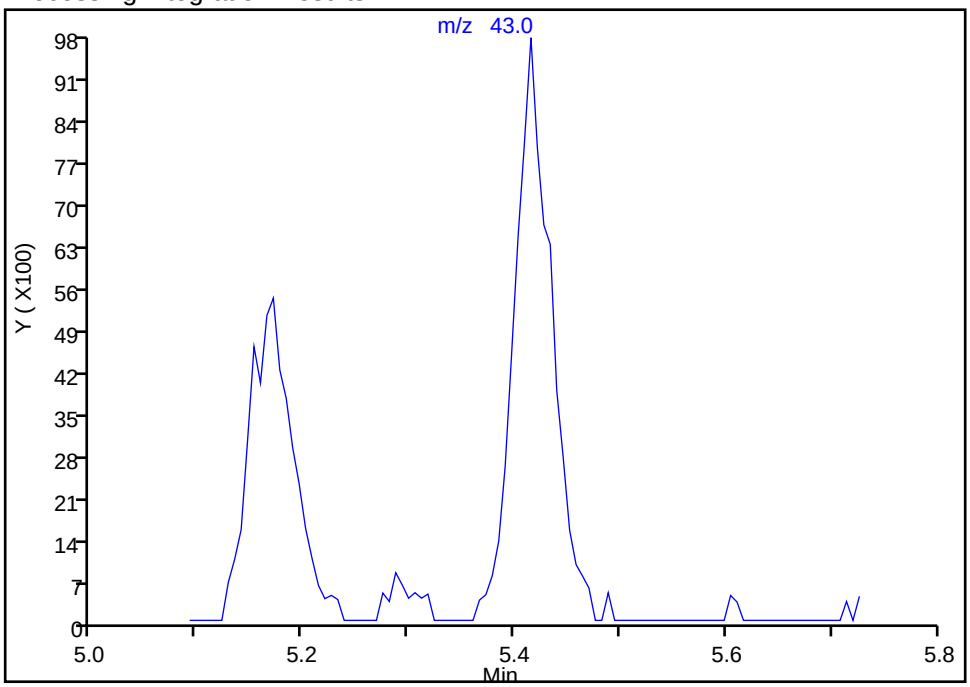
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

81 n-Propyl acetate, CAS: 109-60-4

Signal: 1

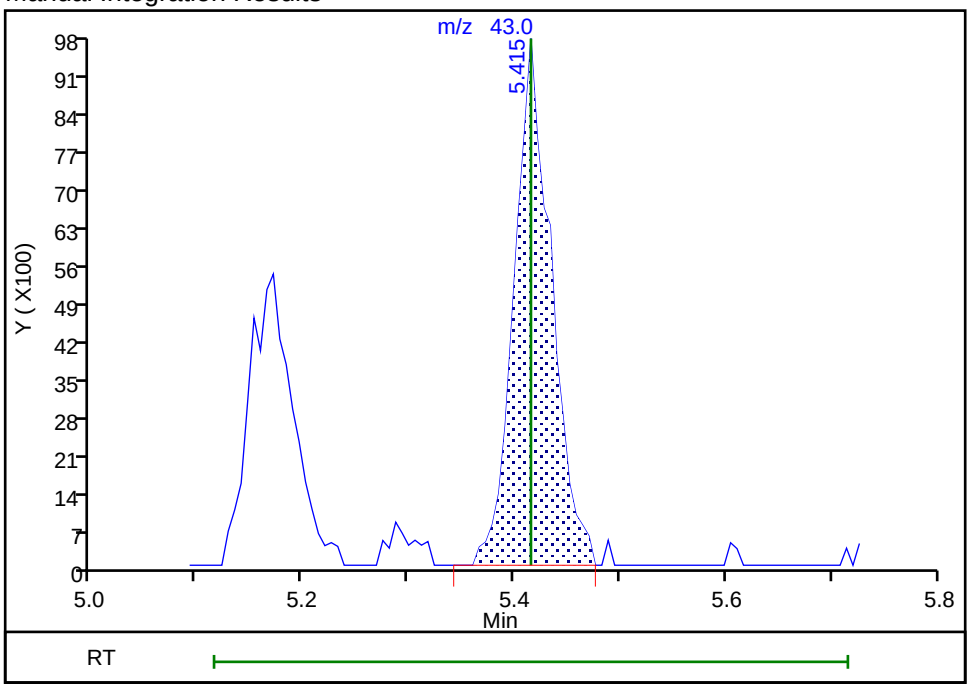
Not Detected
Expected RT: 5.42

Processing Integration Results



Manual Integration Results

RT: 5.42
Area: 23933
Amount: 4.494462
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:21:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

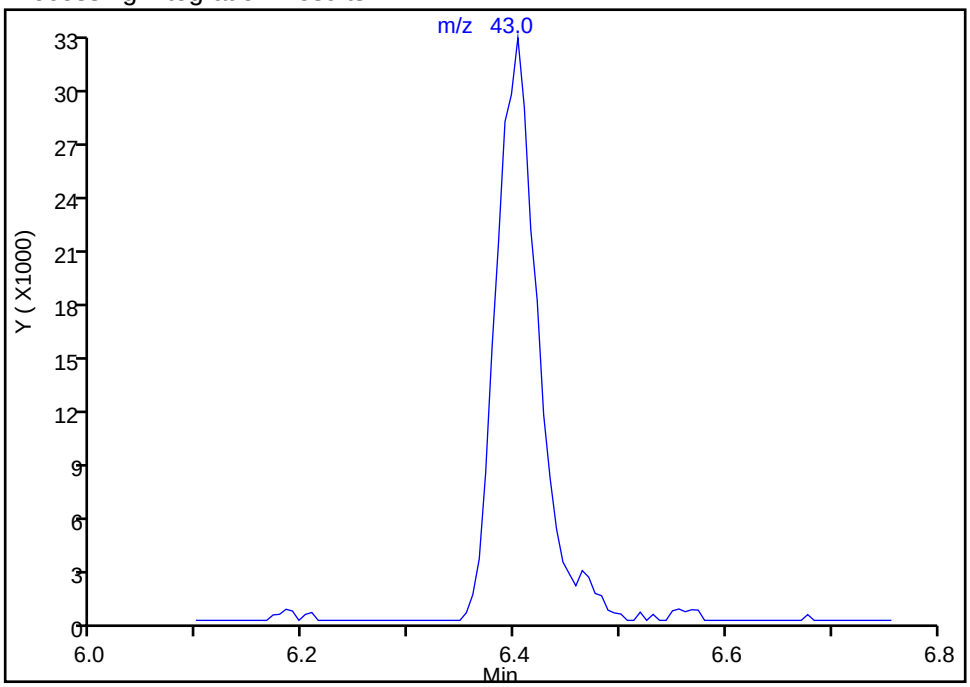
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

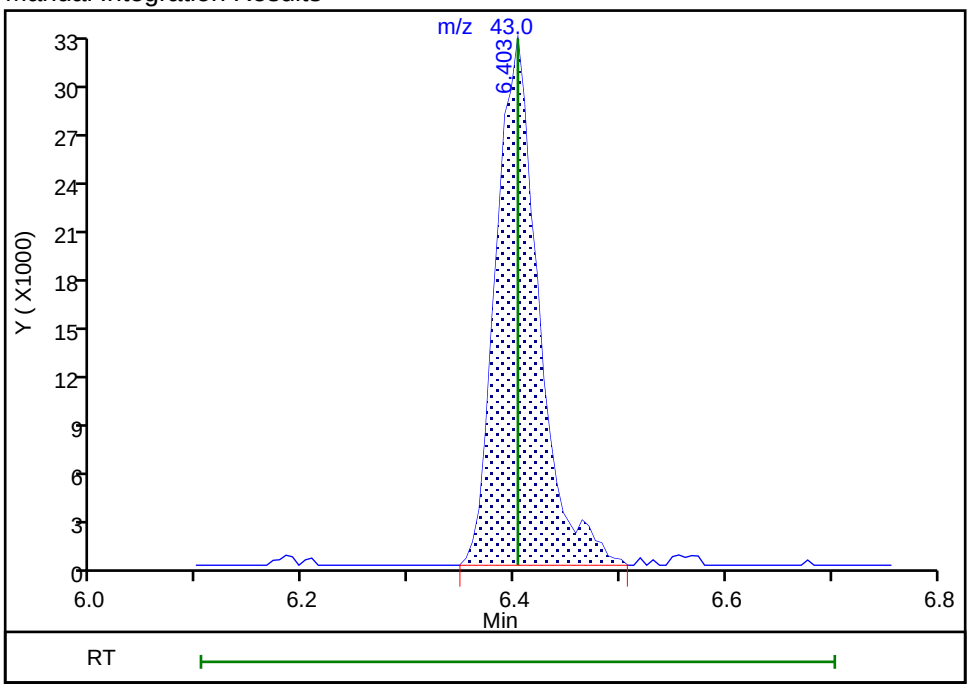
Not Detected
Expected RT: 6.40

Processing Integration Results



Manual Integration Results

RT: 6.40
Area: 91568
Amount: 22.577668
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:21:28
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

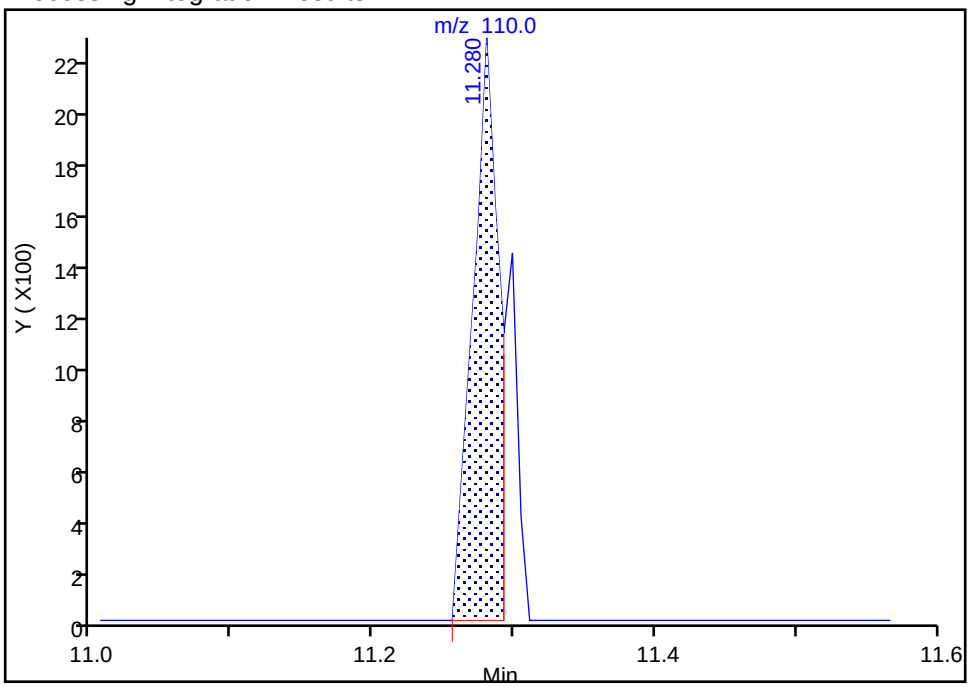
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92944.D
Injection Date: 12-Oct-2022 18:32:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

105 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

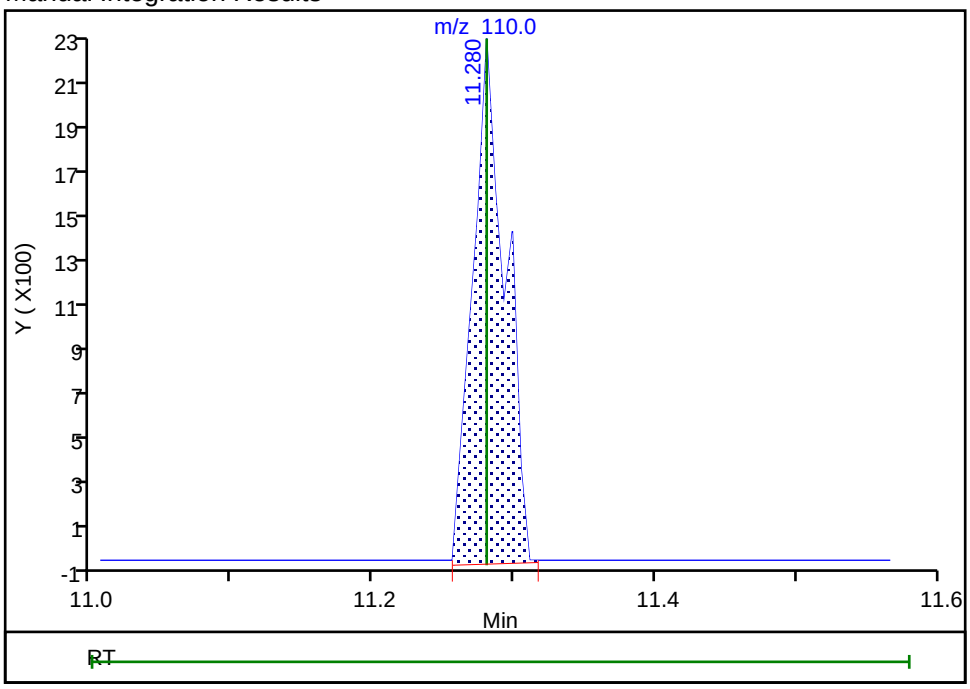
Processing Integration Results

RT: 11.28
Area: 2987
Amount: 4.026180
Amount Units: ug/l



Manual Integration Results

RT: 11.28
Area: 3731
Amount: 5.023241
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:21:48
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 12-Oct-2022 18:57:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0151643-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 17:14:17 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: N1JZ Date: 13-Oct-2022 03:09:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.794	0.794	0.000	28	7625	20.0	20.7	Ma
2 1,1-Difluoroethane	51	0.874	0.874	0.000	99	172277	20.0	19.3	
3 Dichlorodifluoromethane	85	0.886	0.886	0.000	49	88531	20.0	18.3	M
4 Chlorodifluoromethane	67	0.886	0.886	0.000	94	13436	20.0	21.0	
5 Chloromethane	50	0.990	0.990	0.000	98	113866	20.0	19.6	M
7 Vinyl chloride	62	1.044	1.044	0.000	93	79473	20.0	18.9	M
6 Butadiene	54	1.050	1.050	0.000	95	83483	20.0	18.8	
8 Bromomethane	94	1.239	1.239	0.000	98	45879	20.0	20.2	
9 Chloroethane	64	1.264	1.264	0.000	100	46016	20.0	21.8	
10 Dichlorofluoromethane	67	1.404	1.404	0.000	99	121293	20.0	20.0	
12 Pentane	43	1.441	1.441	0.000	97	264820	40.0	40.8	
11 Trichlorofluoromethane	101	1.447	1.447	0.000	96	80124	20.0	19.5	
13 Ethyl ether	59	1.581	1.581	0.000	69	57605	20.0	21.3	
15 2-Methyl-1,3-butadiene	53	1.587	1.587	0.000	95	68910	20.0	19.7	
14 Ethanol	46	1.617	1.617	0.000	54	18927	800.0	995.8	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.624	1.624	0.000	89	47238	20.0	19.4	
18 Acrolein	56	1.660	1.660	0.000	96	141688	300.0	300.3	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.666	1.666	0.000	90	90379	20.0	20.3	Ma
19 1,1-Dichloroethene	96	1.721	1.721	0.000	93	52319	20.0	19.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.758	0.000	96	55777	20.0	20.3	
21 Acetone	43	1.776	1.776	0.000	86	106526	100.0	98.7	
22 Iodomethane	142	1.819	1.819	0.000	98	92925	20.0	20.6	
23 Carbon disulfide	76	1.861	1.861	0.000	100	208874	20.0	20.0	
24 Isopropyl alcohol	45	1.910	1.910	0.000	23	62422	200.0	189.9	M
25 3-Chloro-1-propene	39	1.965	1.965	0.000	93	106658	20.0	20.7	
26 Methyl acetate	43	1.995	1.995	0.000	99	114068	40.0	39.5	
27 Acetonitrile	39	2.014	2.014	0.000	38	56938	200.0	176.6	a
28 Methylene Chloride	84	2.056	2.056	0.000	97	71664	20.0	20.7	
* 29 TBA-d9 (IS)	65	2.166	2.166	0.000	0	455329	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.233	2.233	0.000	91	96726	200.0	196.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.251	2.251	0.000	95	308689	200.0	206.3	
32 trans-1,2-Dichloroethene	96	2.258	2.258	0.000	97	69188	20.0	21.0	
33 Methyl tert-butyl ether	73	2.294	2.294	0.000	97	201112	20.0	20.0	
34 Hexane	57	2.483	2.483	0.000	94	129495	20.0	20.4	
35 1,1-Dichloroethane	63	2.593	2.593	0.000	99	147745	20.0	19.9	
36 Vinyl acetate	86	2.666	2.666	0.000	100	21839	40.0	38.2	a
37 2-Chloro-1,3-butadiene	88	2.666	2.666	0.000	59	58850	20.0	20.3	
38 Isopropyl ether	45	2.690	2.690	0.000	90	314100	20.0	20.4	
39 Tert-butyl ethyl ether	87	3.014	3.014	0.000	88	78488	20.0	19.8	
* 40 2-Butanone-d5	46	3.099	3.099	0.000	0	525710	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.099	3.099	0.000	87	73043	20.0	19.9	
42 2,2-Dichloropropane	79	3.105	3.105	0.000	92	31989	20.0	19.7	
43 2-Butanone (MEK)	72	3.160	3.160	0.000	98	39975	100.0	98.5	
44 Propionitrile	54	3.202	3.202	0.000	97	116335	200.0	197.0	
45 Ethyl acetate	43	3.227	3.227	0.000	98	177714	40.0	39.1	
62 Methyl acrylate	55	3.245	3.245	0.000	98	85253	20.0	20.2	a
46 Chlorobromomethane	128	3.324	3.324	0.000	93	32925	20.0	20.9	
47 Methacrylonitrile	67	3.343	3.343	0.000	96	285548	200.0	202.4	
48 Tetrahydrofuran	42	3.410	3.410	0.000	85	57937	40.0	40.2	
49 Chloroform	83	3.422	3.422	0.000	97	119413	20.0	19.7	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.587	0.000	96	174939	50.0	52.5	
51 1,1,1-Trichloroethane	97	3.593	3.593	0.000	59	89680	20.0	19.8	
52 Cyclohexane	84	3.635	3.635	0.000	97	105977	20.0	20.1	
53 Carbon tetrachloride	117	3.757	3.757	0.000	68	72396	20.0	19.6	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	91	96922	20.0	20.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	222579	50.0	53.1	
56 Benzene	78	3.977	3.977	0.000	97	286717	20.0	20.1	
57 1,2-Dichloroethane	62	4.013	4.013	0.000	96	94246	20.0	20.3	
58 Isobutyl alcohol	42	4.044	4.044	0.000	95	59020	500.0	424.1	
59 Tert-amyl methyl ether	73	4.166	4.166	0.000	76	231265	20.0	19.9	
73 Isopropyl acetate	61	4.178	4.178	0.000	93	27731	20.0	20.5	
* 60 Fluorobenzene	96	4.312	4.312	0.000	97	701787	50.0	50.0	
61 n-Heptane	43	4.355	4.355	0.000	98	162447	20.0	20.7	
63 Trichloroethene	95	4.757	4.757	0.000	95	61691	20.0	18.9	
64 n-Butanol	43	4.855	4.855	0.000	94	35339	500.0	481.1	
65 Methylcyclohexane	83	4.983	4.983	0.000	81	124346	20.0	20.3	
66 Ethyl acrylate	55	4.983	4.983	0.000	94	209984	20.0	20.4	
67 1,2-Dichloropropane	63	5.031	5.031	0.000	93	84176	20.0	20.4	
68 Dibromomethane	93	5.178	5.178	0.000	95	36201	20.0	20.1	
* 69 1,4-Dioxane-d8	96	5.214	5.214	0.000	0	31980	1000.0	1000.0	
71 Methyl methacrylate	100	5.300	5.300	0.000	96	27194	40.0	41.4	
70 1,4-Dioxane	88	5.312	5.312	0.000	83	13940	400.0	404.7	a
81 n-Propyl acetate	43	5.415	5.415	0.000	99	111151	20.0	19.8	
72 Dichlorobromomethane	83	5.434	5.434	0.000	98	83096	20.0	20.1	
74 2-Nitropropane	41	5.781	5.781	0.000	97	31326	40.0	42.1	
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	92	44440	20.0	20.6	
76 Epichlorohydrin	57	5.976	5.976	0.000	99	148977	400.0	389.9	a
77 cis-1,3-Dichloropropene	75	6.086	6.086	0.000	97	104523	20.0	19.7	
78 4-Methyl-2-pentanone (MIBK)	43	6.403	6.403	0.000	98	413789	100.0	96.2	
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	98	729097	50.0	52.7	
80 Toluene	91	6.562	6.562	0.000	93	271204	20.0	19.9	
82 trans-1,3-Dichloropropene	75	6.988	6.988	0.000	96	83762	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
84 Ethyl methacrylate	69	7.257	7.257	0.000	93	73884	20.0	19.3	
83 1,1,2-Trichloroethane	83	7.263	7.263	0.000	95	45573	20.0	20.6	
85 Tetrachloroethene	166	7.427	7.427	0.000	94	54445	20.0	19.8	
86 1,3-Dichloropropane	76	7.525	7.525	0.000	99	96566	20.0	20.7	
87 2-Hexanone	43	7.799	7.799	0.000	99	267633	100.0	98.9	
88 Chlorodibromomethane	129	7.885	7.885	0.000	97	48370	20.0	19.7	
89 Ethylene Dibromide	107	8.013	8.013	0.000	99	47651	20.0	19.8	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	116124	20.0	20.0	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	460266	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	91	157668	20.0	19.9	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	93	53008	20.0	19.9	
94 Ethylbenzene	106	9.201	9.201	0.000	99	86168	20.0	19.9	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	104805	20.0	20.2	
96 o-Xylene	106	10.073	10.073	0.000	92	104999	20.0	20.5	
97 Styrene	104	10.110	10.110	0.000	94	169992	20.0	20.3	
98 n-Butyl acrylate	73	10.244	10.244	0.000	95	41872	20.0	20.0	
99 Bromoform	173	10.347	10.347	0.000	94	29580	20.0	19.6	
101 Amyl acetate (mixed isomers)	43	10.664	10.664	0.000	88	128232	20.0	20.3	
102 Isopropylbenzene	105	10.732	10.732	0.000	97	269025	20.0	20.3	
$ 103 4-Bromofluorobenzene	174	10.927	10.927	0.000	85	190106	50.0	52.2	
104 Bromobenzene	156	11.103	11.103	0.000	94	65506	20.0	20.3	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	94	73487	20.0	20.5	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	85	18053	20.0	21.2	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	79	23602	20.0	20.5	
108 N-Propylbenzene	120	11.408	11.408	0.000	98	74058	20.0	20.8	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	62343	20.0	20.0	
110 4-Ethyltoluene	105	11.609	11.609	0.000	98	267723	20.0	19.9	
111 4-Chlorotoluene	91	11.658	11.658	0.000	99	216293	20.0	20.2	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	92	226816	20.0	20.1	
100 Butyl Methacrylate	87	12.079	12.079	0.000	95	68410	20.0	19.7	
113 tert-Butylbenzene	119	12.286	12.286	0.000	91	176391	20.0	19.9	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	99	235713	20.0	20.3	
115 sec-Butylbenzene	105	12.707	12.707	0.000	98	295016	20.0	20.5	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	93	125212	20.0	20.2	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.884	0.000	97	249014	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	95	126261	20.0	19.6	
119 4-Isopropyltoluene	119	12.944	12.944	0.000	97	244144	20.0	19.9	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	248723	20.0	20.1	
121 Benzyl chloride	126	13.103	13.103	0.000	97	17620	20.0	17.1	
122 2,3-Dihydroindene	117	13.201	13.201	0.000	94	232510	20.0	20.3	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	93	121137	20.0	19.5	
124 p-Diethylbenzene	119	13.347	13.347	0.000	92	132592	20.0	20.0	
125 n-Butylbenzene	92	13.365	13.365	0.000	97	148597	20.0	20.7	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	85	12987	20.0	19.4	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	96	234229	20.0	20.4	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	97	101881	20.0	19.7	
129 1,2,4-Trichlorobenzene	180	14.444	14.444	0.000	94	92315	20.0	19.5	
130 Hexachlorobutadiene	225	14.554	14.554	0.000	93	44465	20.0	19.6	
131 Naphthalene	128	14.572	14.572	0.000	99	223284	20.0	20.0	
132 1,2,3-Trichlorobenzene	180	14.706	14.706	0.000	95	87747	20.0	19.5	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	40.7	
S 136 Total BTEX	1				0		100.0	100.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00497	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 13-Oct-2022 17:14:18 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D

Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2 Operator ID:

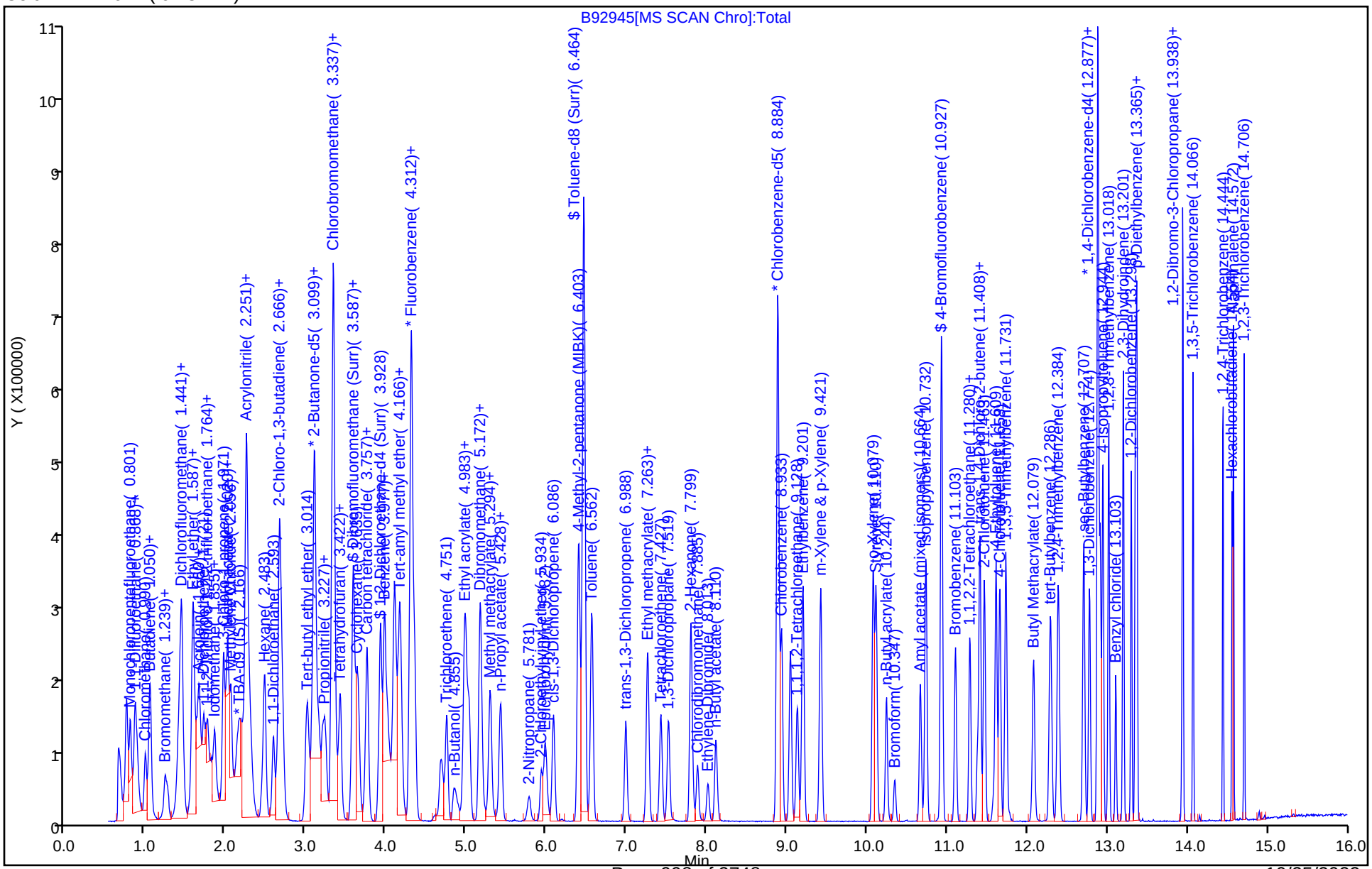
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

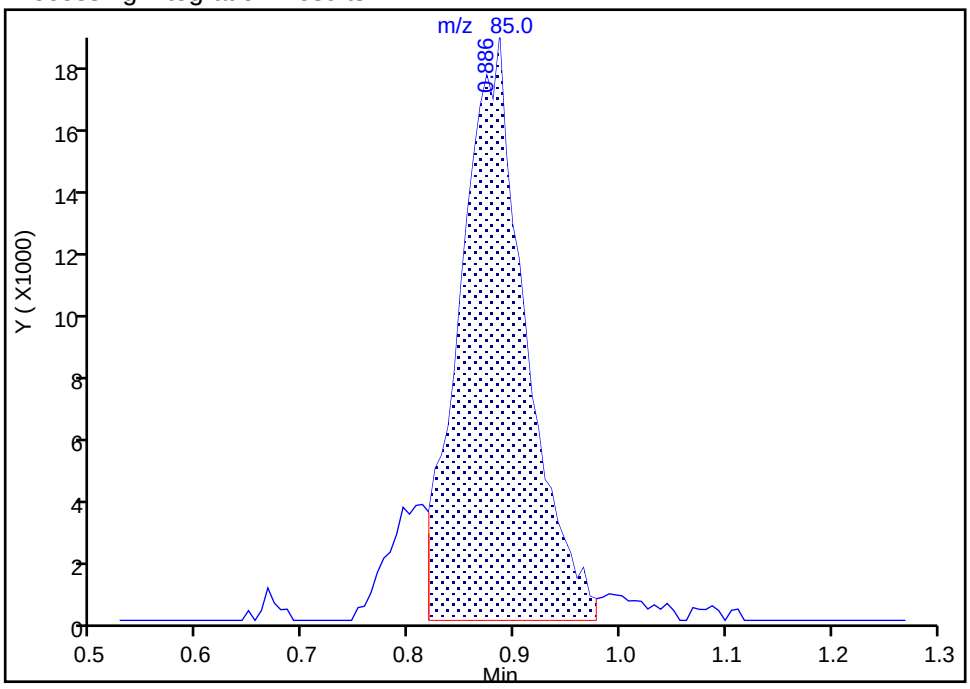
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

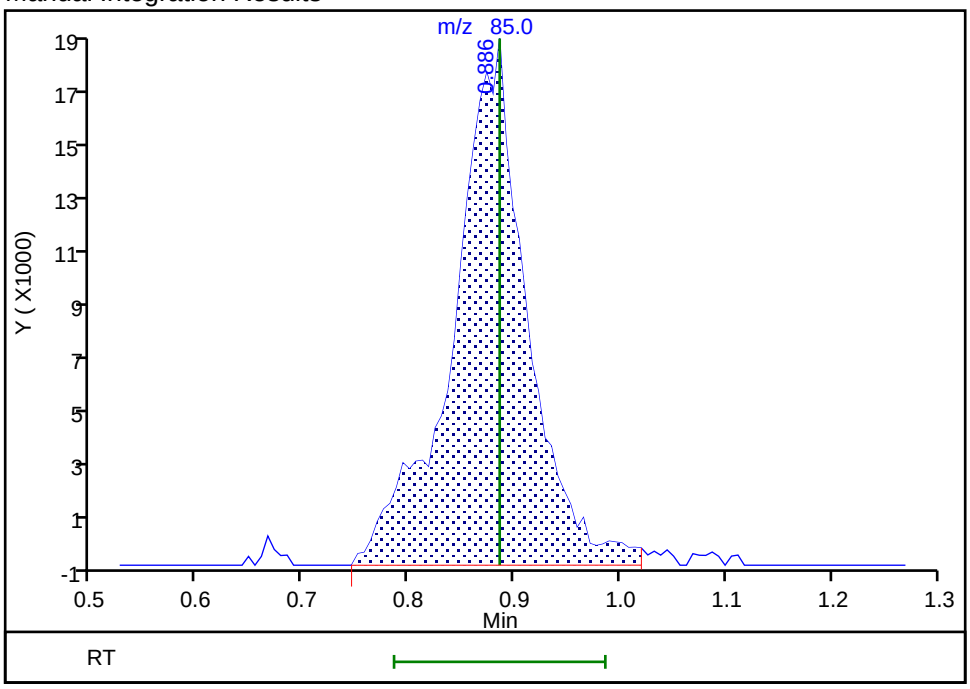
Processing Integration Results

RT: 0.89
Area: 77972
Amount: 16.754101
Amount Units: ug/l



Manual Integration Results

RT: 0.89
Area: 88531
Amount: 18.348082
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:37:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

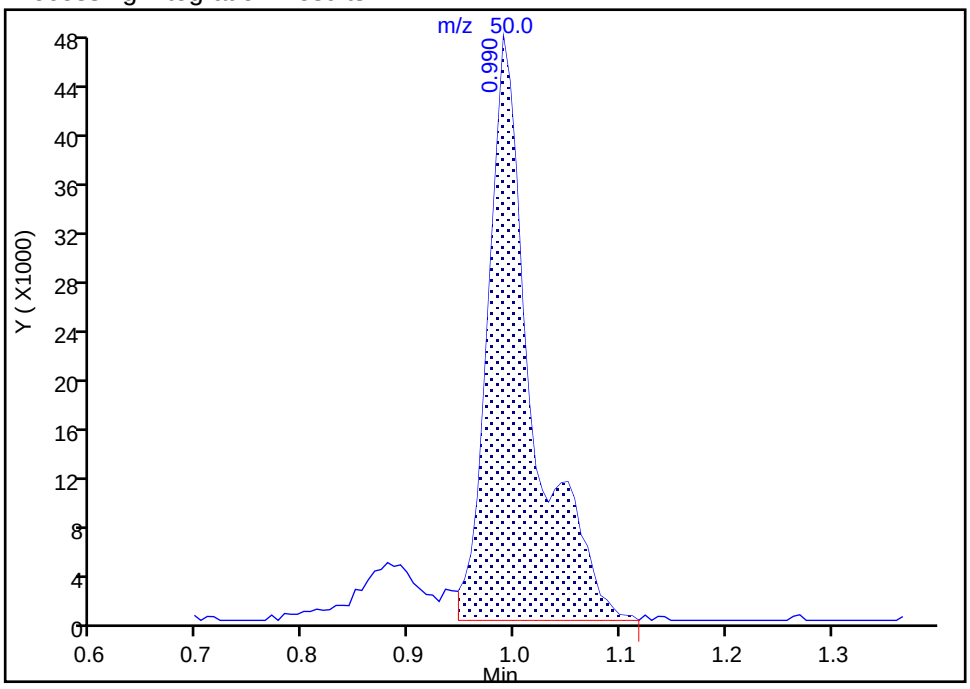
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

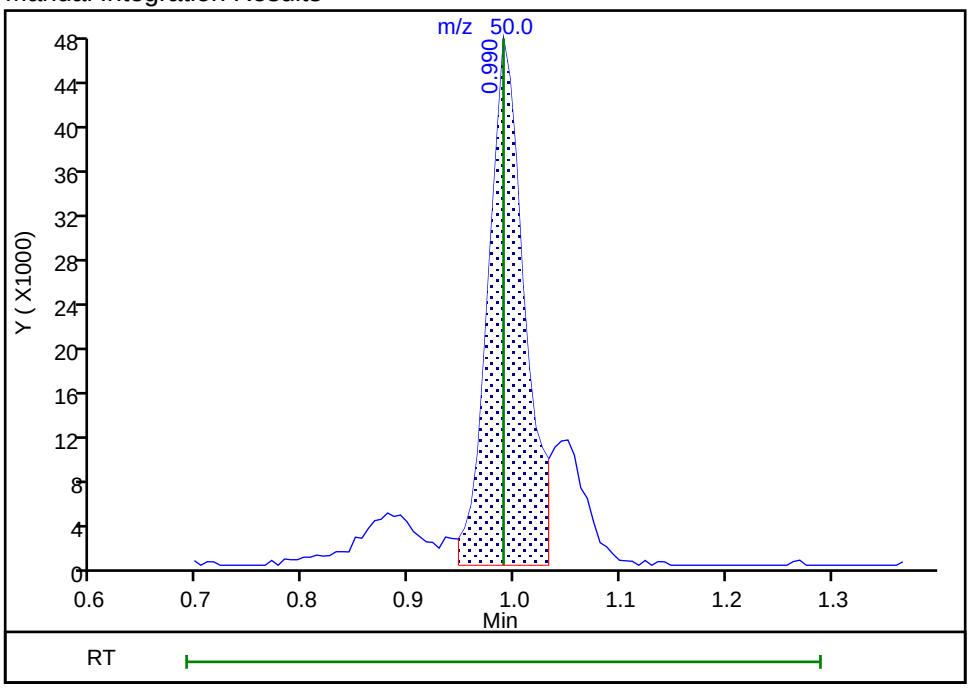
Processing Integration Results

RT: 0.99
Area: 137879
Amount: 21.381308
Amount Units: ug/l



Manual Integration Results

RT: 0.99
Area: 113866
Amount: 19.620126
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:37:13
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

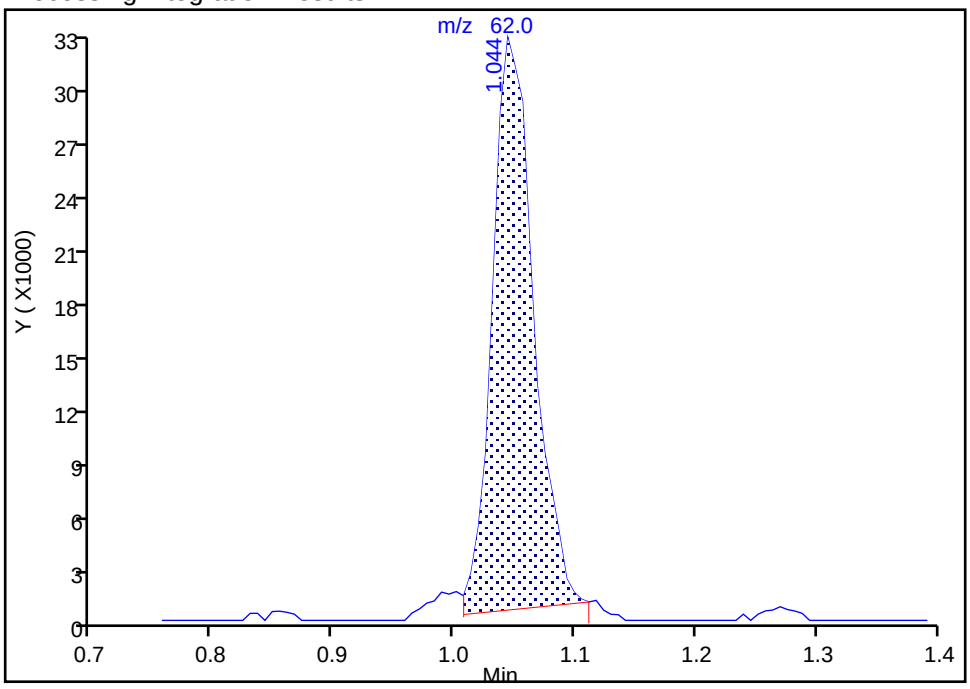
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

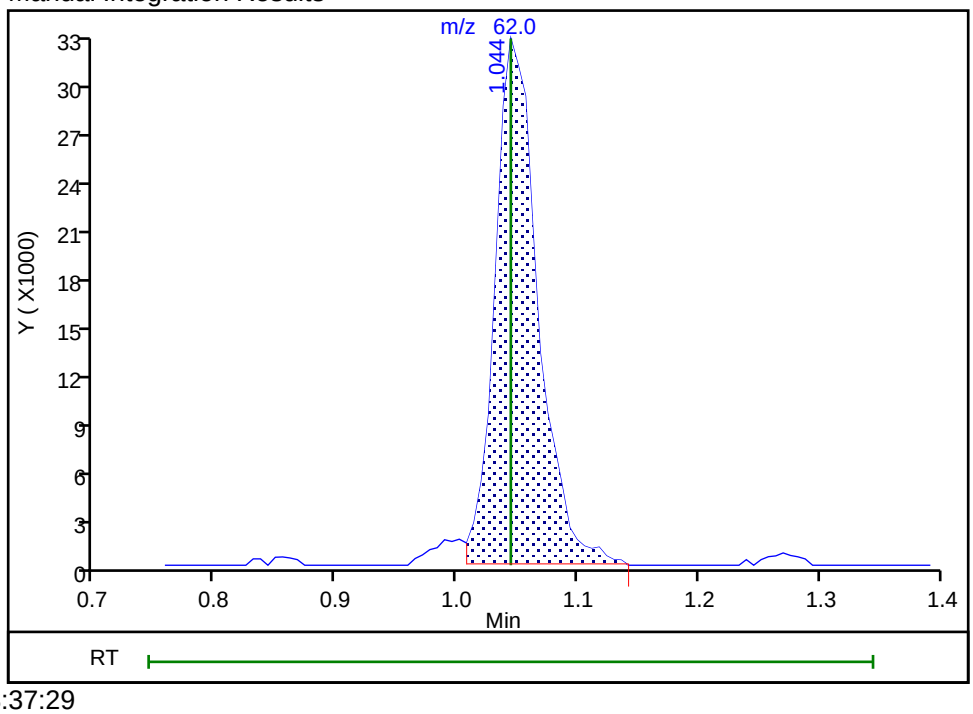
Processing Integration Results

RT: 1.04
Area: 74928
Amount: 17.983079
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 79473
Amount: 18.902077
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:37:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

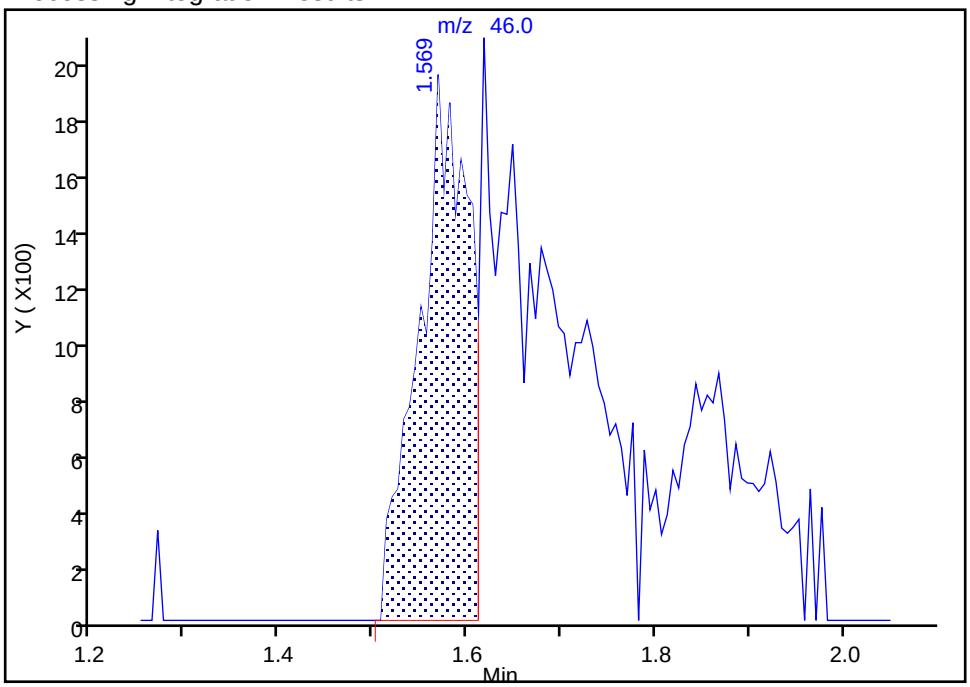
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

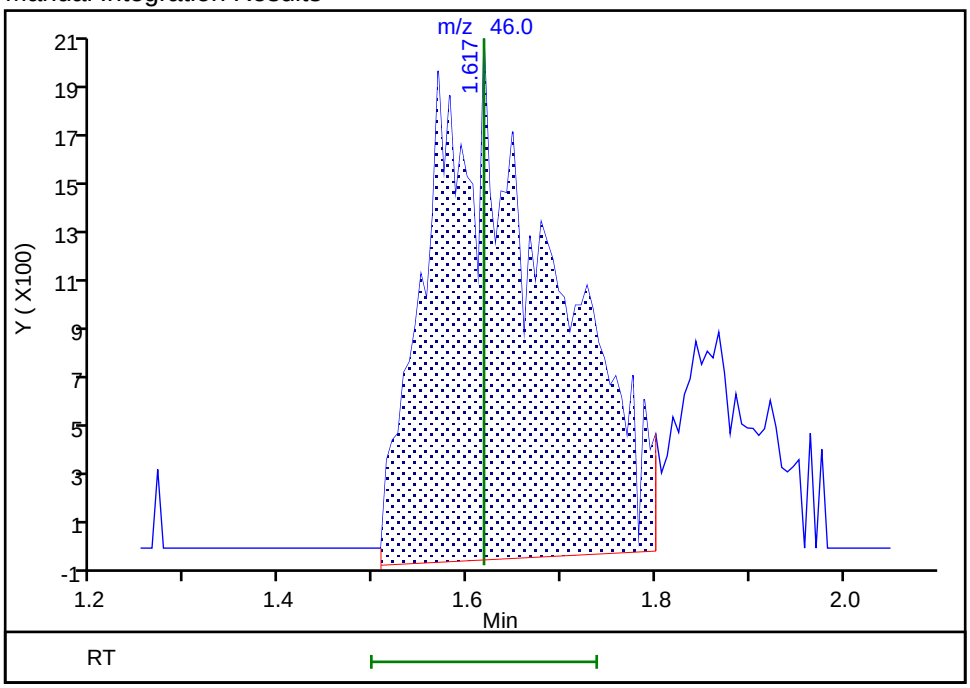
Processing Integration Results

RT: 1.57
Area: 7064
Amount: 898.1591
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 18927
Amount: 995.8427
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:07:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

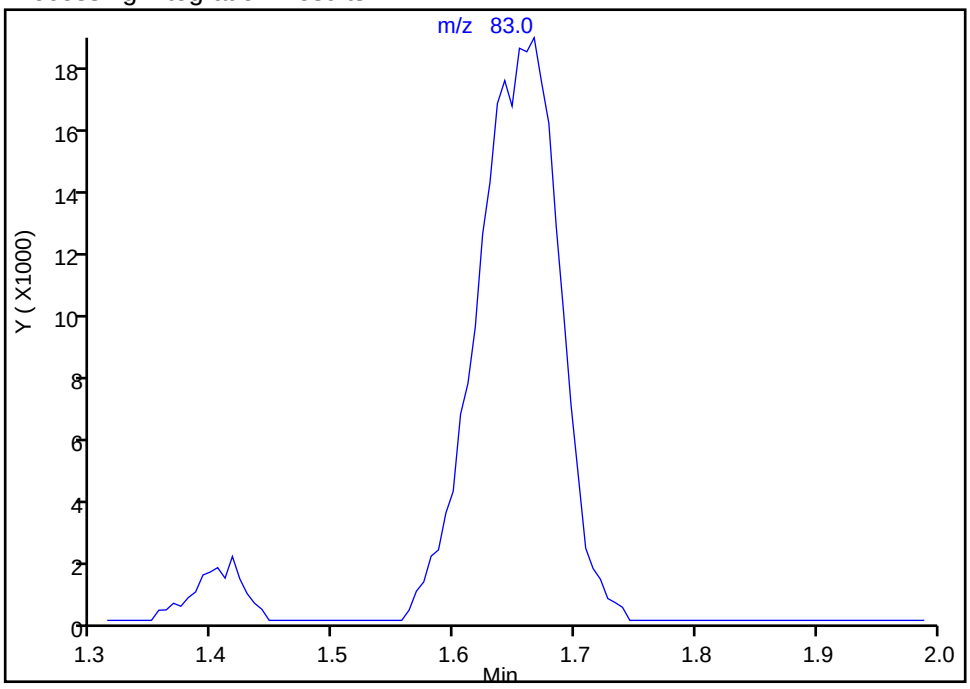
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

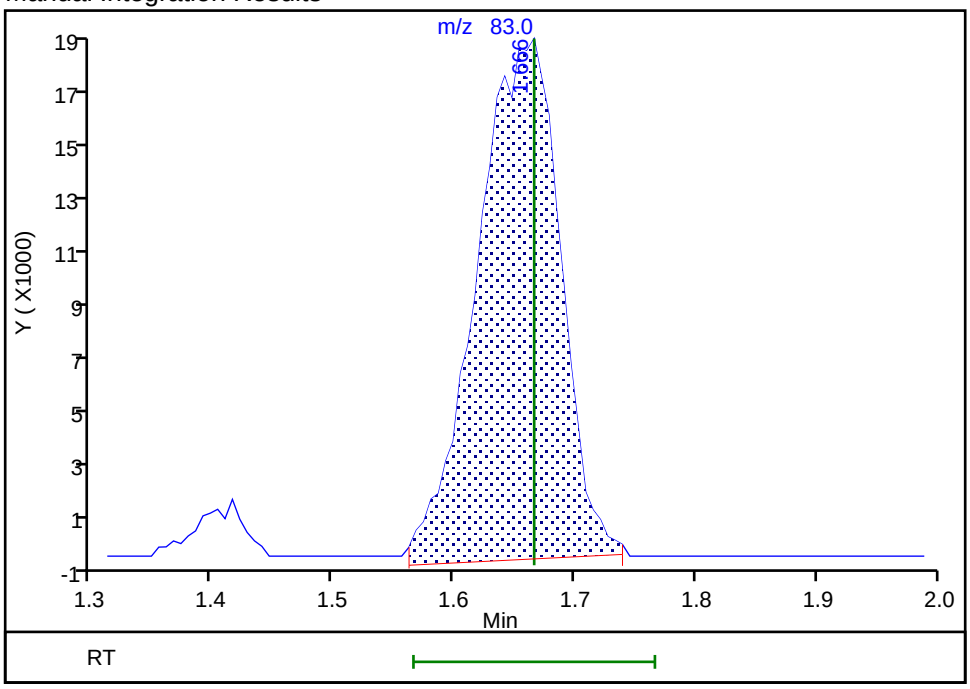
Not Detected
Expected RT: 1.67

Processing Integration Results



Manual Integration Results

RT: 1.67
Area: 90379
Amount: 20.299757
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:07:14
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

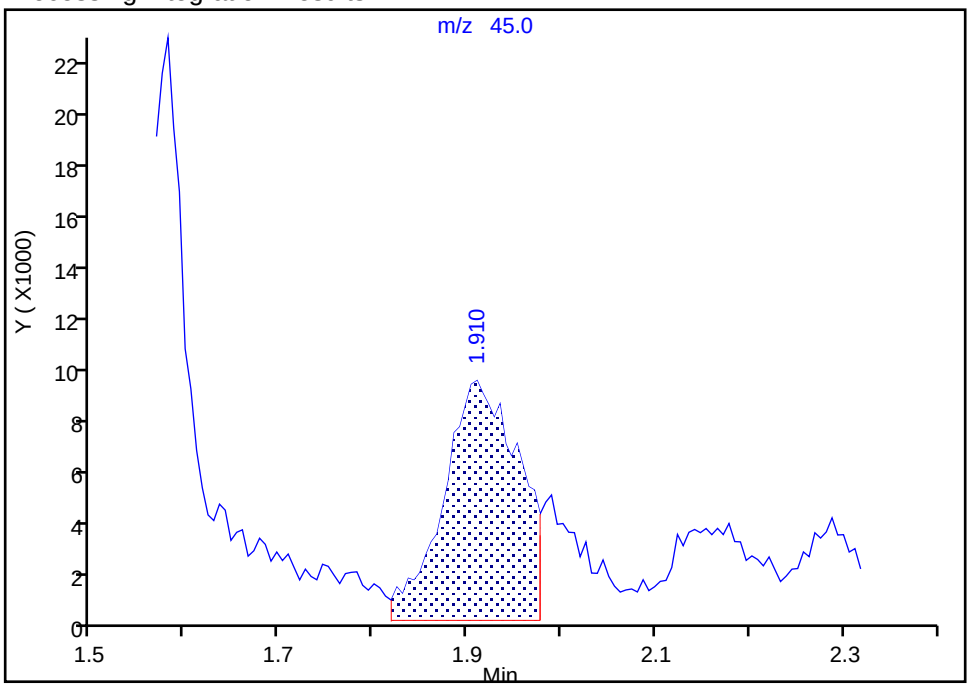
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

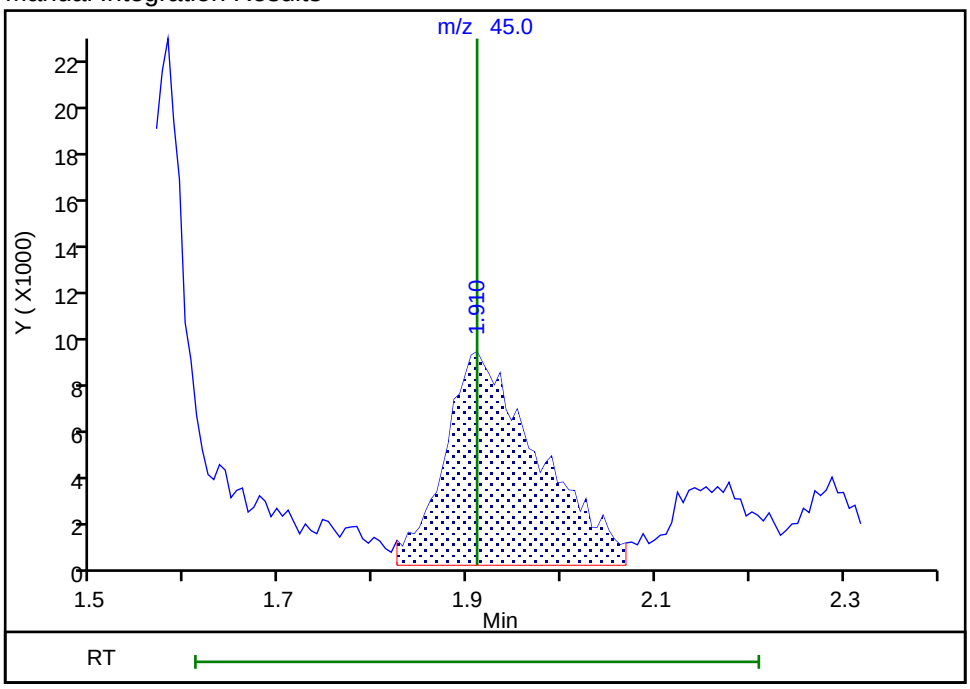
Processing Integration Results

RT: 1.91
Area: 51501
Amount: 144.7071
Amount Units: ug/l



Manual Integration Results

RT: 1.91
Area: 62422
Amount: 189.8934
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:07:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

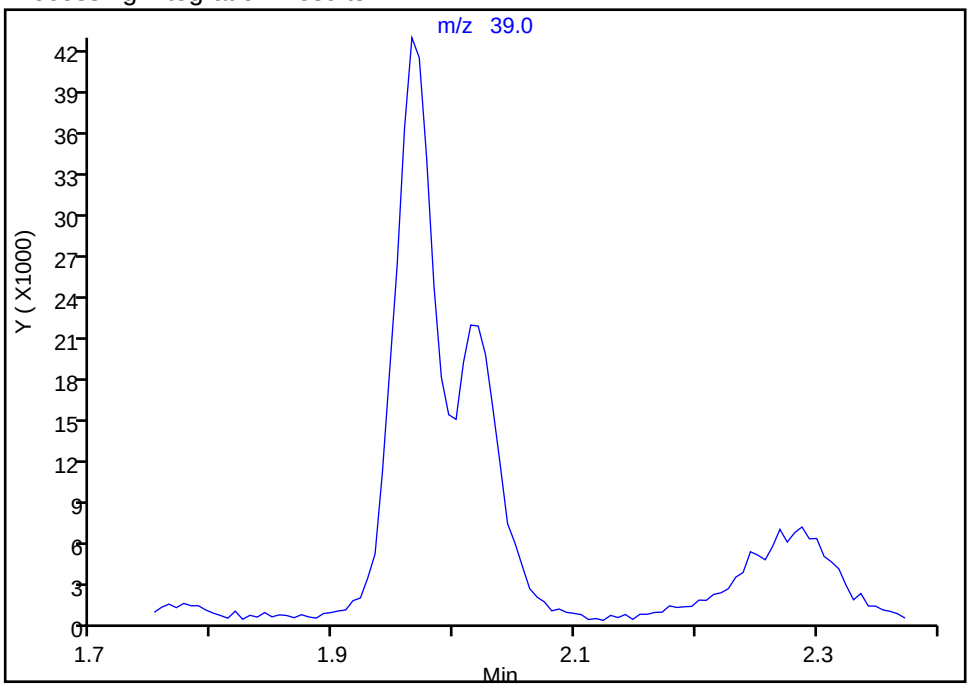
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

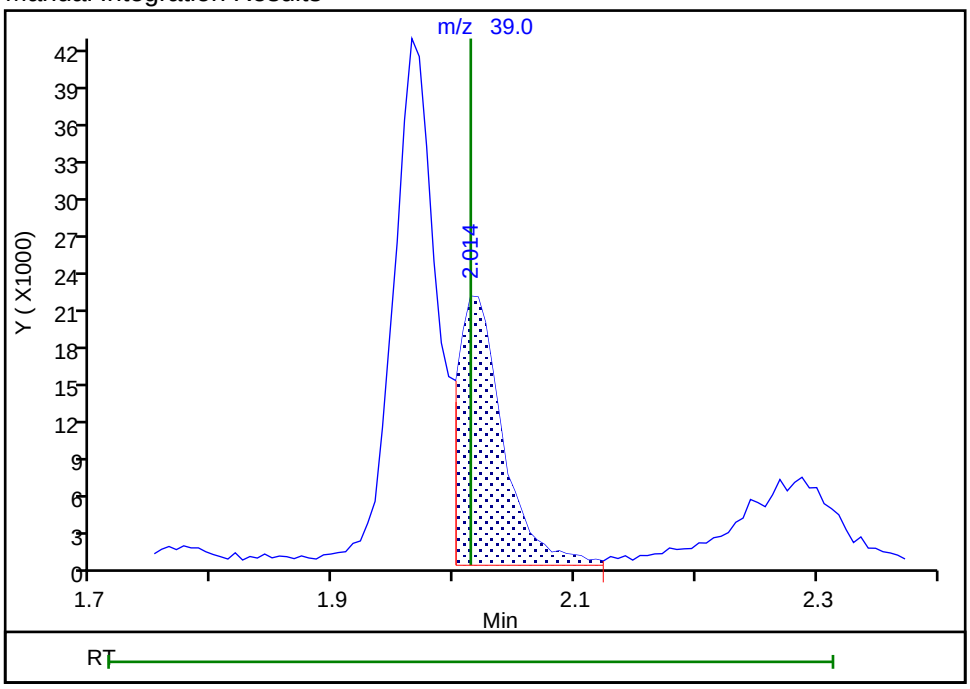
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.01
Area: 56938
Amount: 176.6343
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:07:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

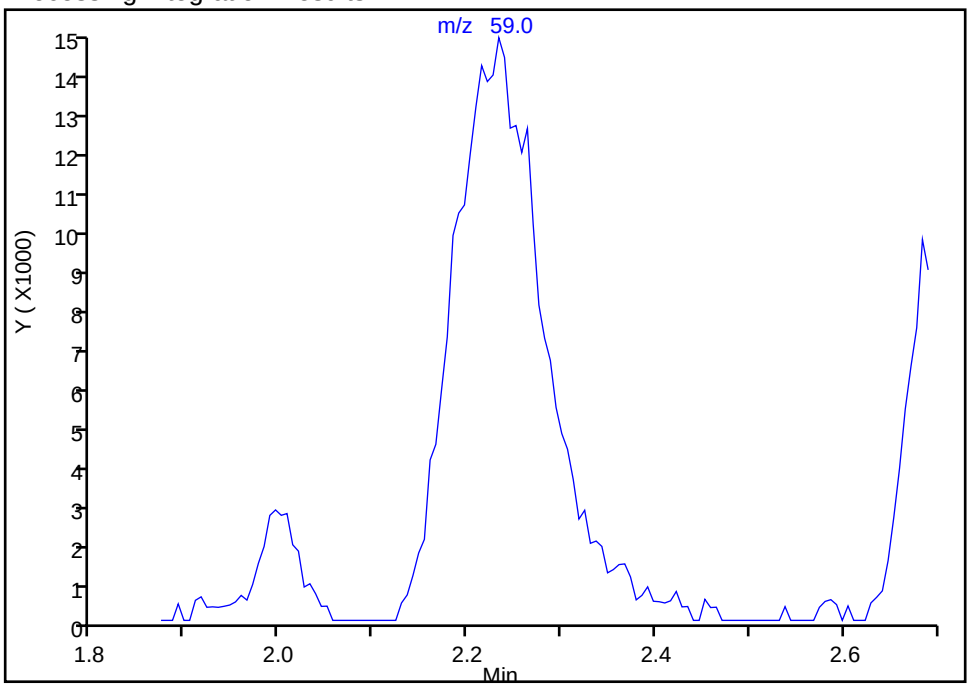
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

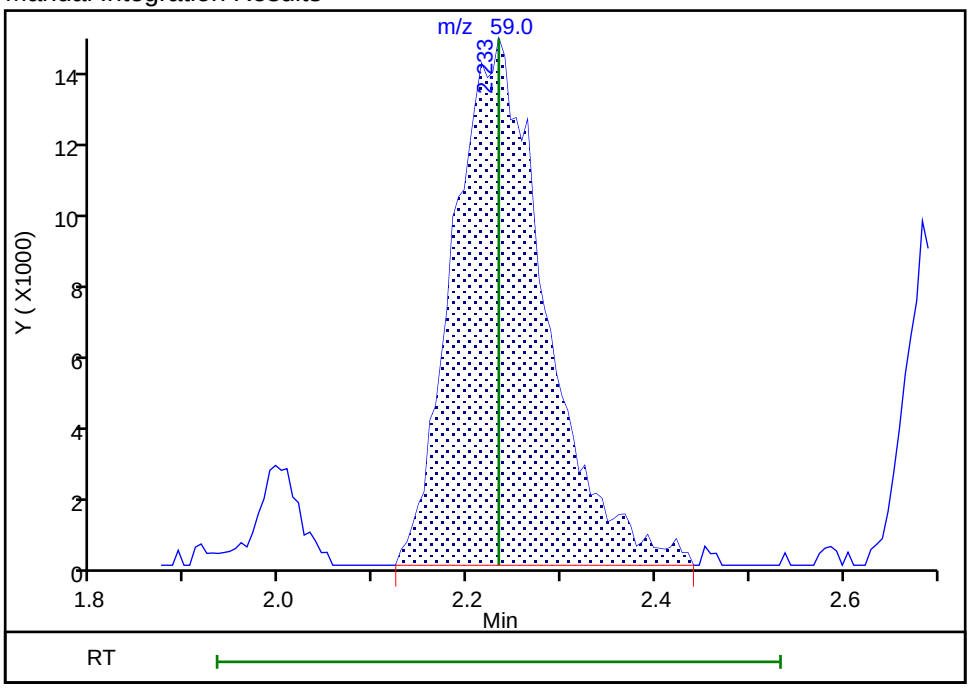
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.23
Area: 96726
Amount: 196.6710
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:07:38
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

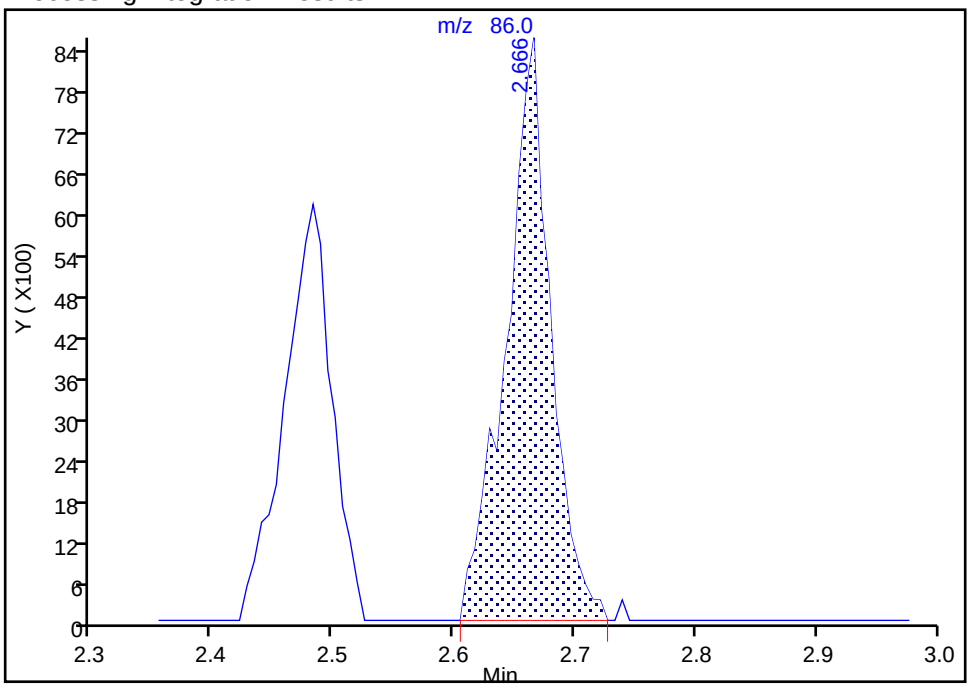
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

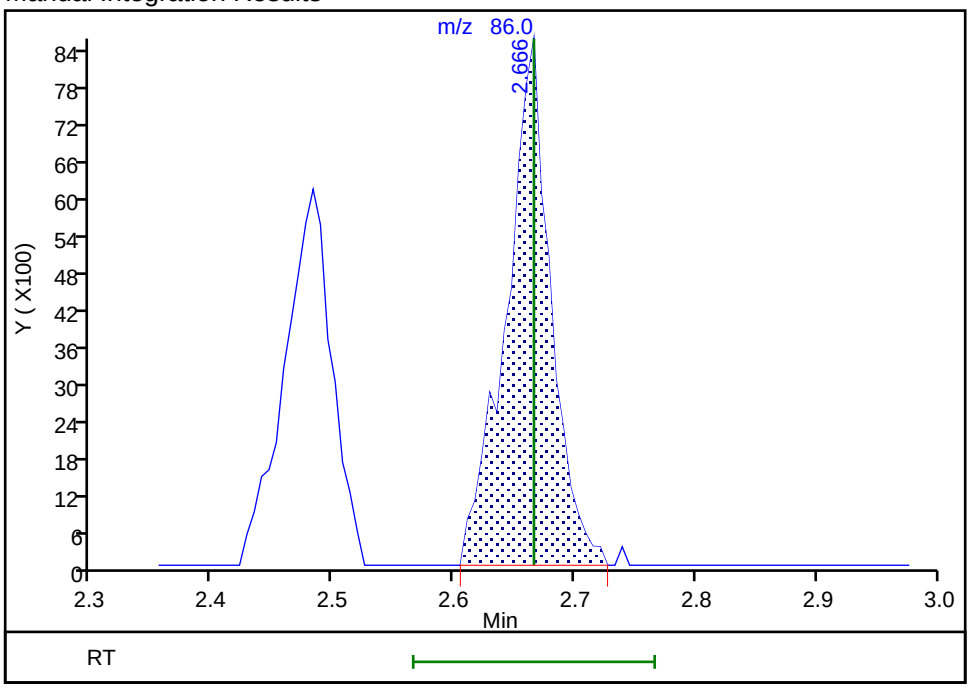
Processing Integration Results

RT: 2.67
Area: 21839
Amount: 39.983225
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 21839
Amount: 38.221726
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:37:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

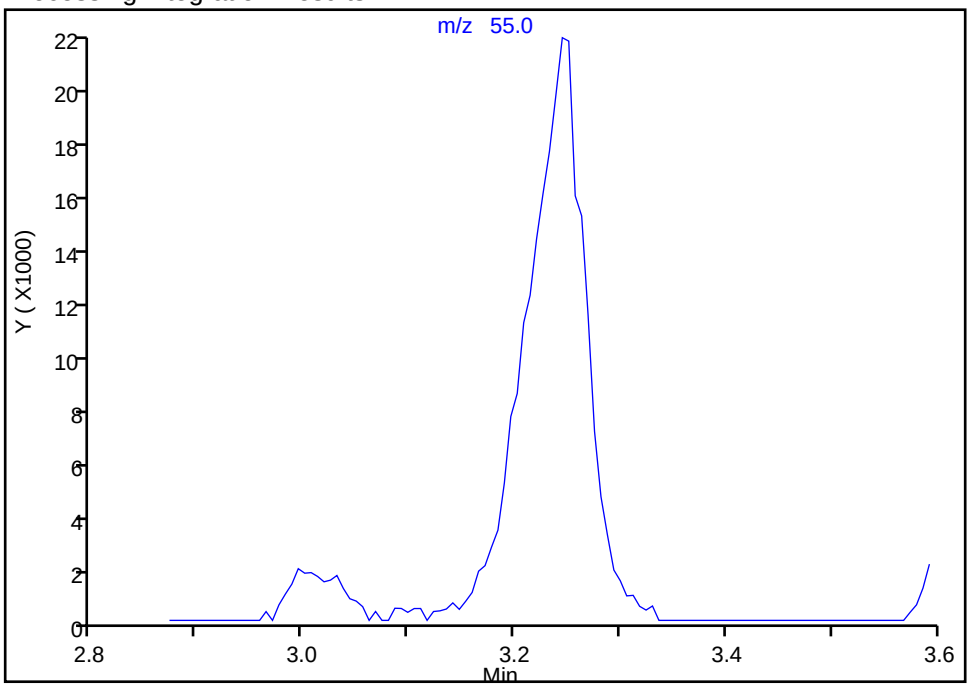
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

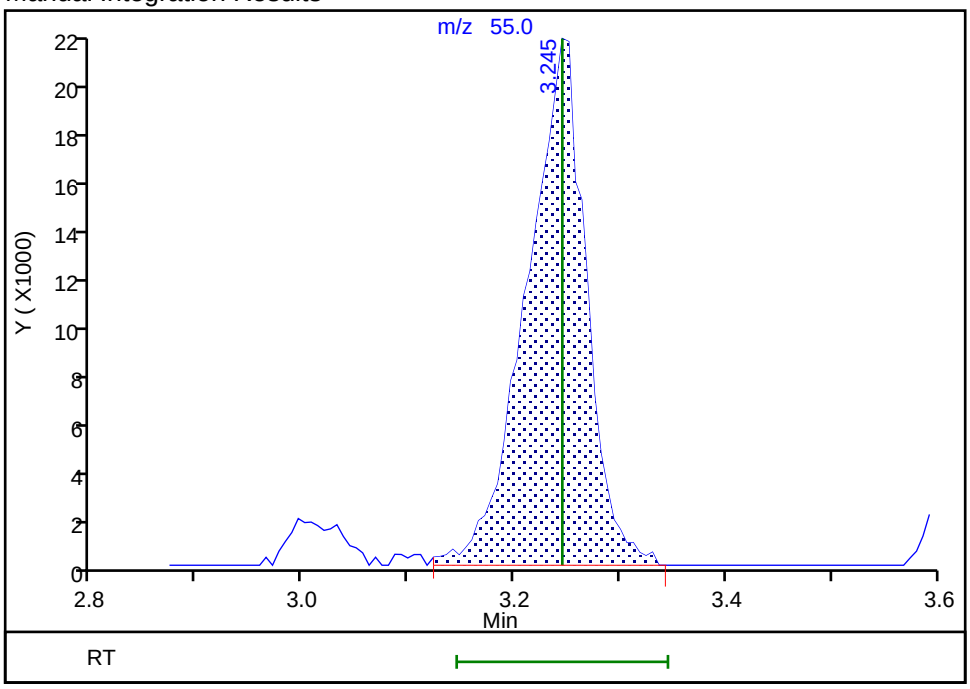
Not Detected
Expected RT: 3.25

Processing Integration Results



Manual Integration Results

RT: 3.25
Area: 85253
Amount: 20.158006
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:08:09
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

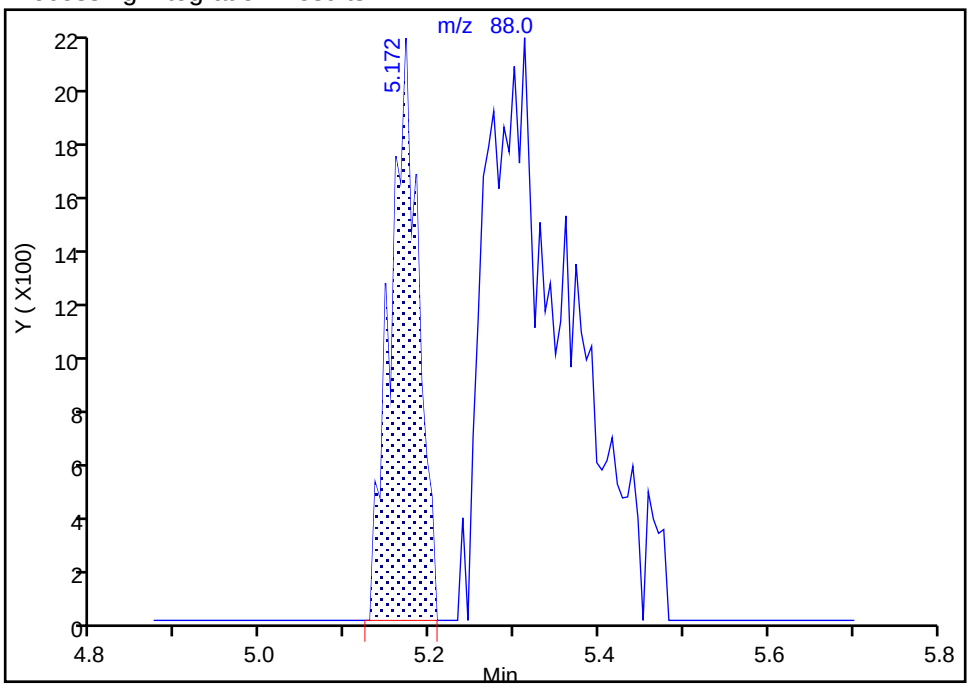
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

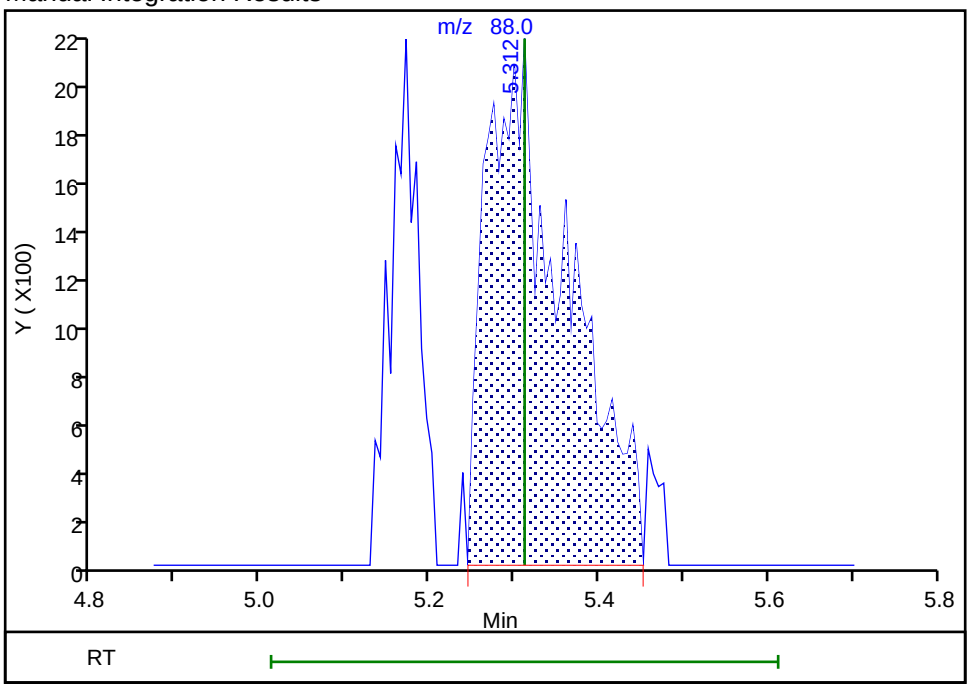
Processing Integration Results

RT: 5.17
Area: 4892
Amount: NaN
Amount Units: ug/l



Manual Integration Results

RT: 5.31
Area: 13940
Amount: 404.7281
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:08:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

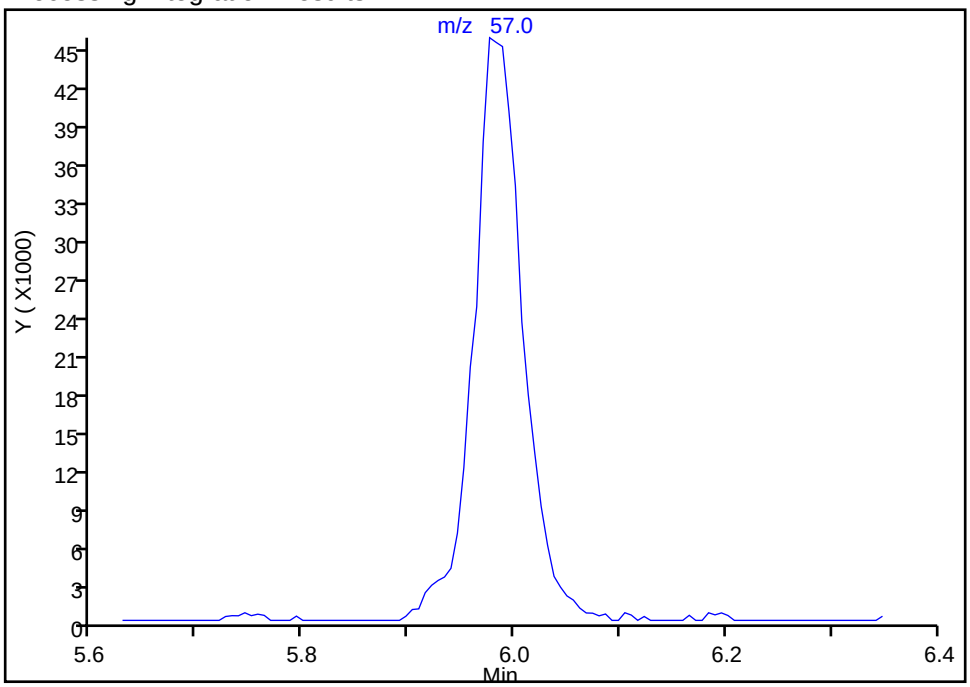
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92945.D
Injection Date: 12-Oct-2022 18:57:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

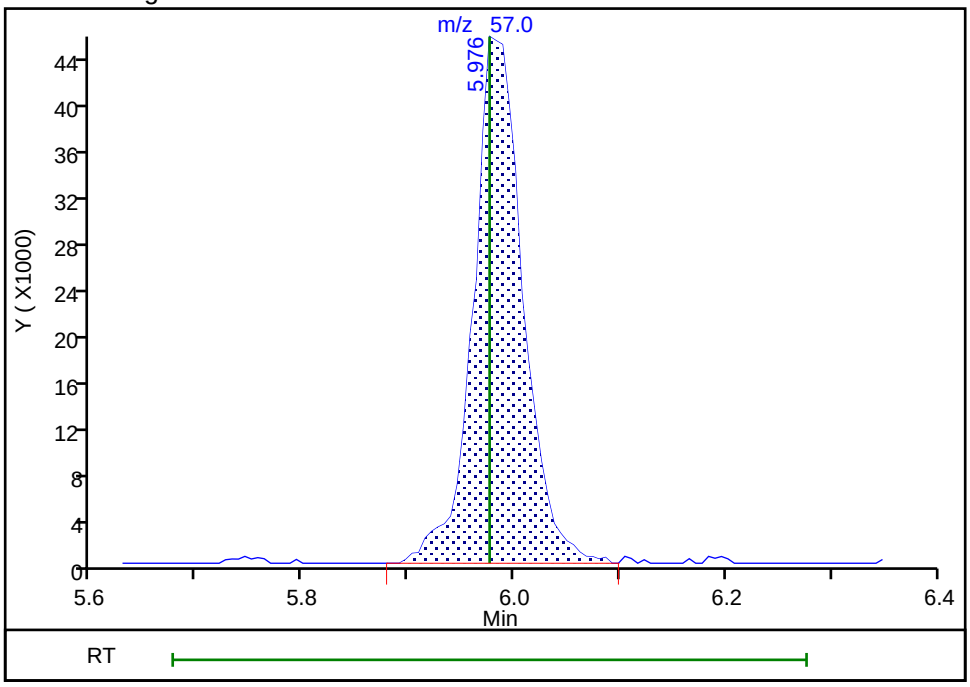
Not Detected
Expected RT: 5.98

Processing Integration Results



Manual Integration Results

RT: 5.98
Area: 148977
Amount: 389.8506
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:08:54
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92946.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-Oct-2022 19:22:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0151643-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 17:14:26 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: N1JZ Date: 13-Oct-2022 03:11:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.795	0.794	0.000	41	21526	50.0	56.3	M
2 1,1-Difluoroethane	51	0.874	0.874	0.000	98	447682	50.0	48.4	
3 Dichlorodifluoromethane	85	0.880	0.886	-0.006	92	238438	50.0	47.7	
4 Chlorodifluoromethane	67	0.892	0.886	0.006	96	36987	50.0	55.6	a
5 Chloromethane	50	0.990	0.990	0.000	98	295692	50.0	49.8	M
7 Vinyl chloride	62	1.051	1.044	0.007	91	207156	50.0	47.5	
6 Butadiene	54	1.051	1.050	0.001	96	228515	50.0	49.5	
8 Bromomethane	94	1.240	1.239	0.001	99	110748	50.0	47.0	
9 Chloroethane	64	1.270	1.264	0.006	99	104281	50.0	48.4	
10 Dichlorofluoromethane	67	1.410	1.404	0.006	99	297874	50.0	47.3	
12 Pentane	43	1.447	1.441	0.006	97	670864	100.0	99.7	
11 Trichlorofluoromethane	101	1.447	1.447	0.000	39	203822	50.0	47.9	
13 Ethyl ether	59	1.581	1.581	0.000	93	144282	50.0	51.3	
15 2-Methyl-1,3-butadiene	53	1.593	1.587	0.006	97	188183	50.0	51.9	M
14 Ethanol	46	1.599	1.617	-0.018	75	44324	2000.0	2154.7	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.630	1.624	0.006	95	126432	50.0	50.1	
18 Acrolein	56	1.666	1.660	0.006	97	192360	400.0	376.6	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.660	1.666	-0.006	94	229916	50.0	49.8	a
19 1,1-Dichloroethene	96	1.721	1.721	0.000	94	141760	50.0	52.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.764	1.758	0.006	95	153810	50.0	53.9	
21 Acetone	43	1.782	1.776	0.006	85	278210	250.0	257.0	
22 Iodomethane	142	1.819	1.819	0.000	98	246808	50.0	52.8	
23 Carbon disulfide	76	1.861	1.861	0.000	100	567633	50.0	52.4	
24 Isopropyl alcohol	45	1.910	1.910	0.000	96	184795	500.0	519.4	
25 3-Chloro-1-propene	39	1.971	1.965	0.006	93	278743	50.0	52.1	
26 Methyl acetate	43	2.002	1.995	0.007	99	309029	100.0	103.2	
27 Acetonitrile	39	2.020	2.014	0.006	36	159365	500.0	456.8	a
28 Methylene Chloride	84	2.056	2.056	0.000	98	175765	50.0	49.0	
* 29 TBA-d9 (IS)	65	2.172	2.166	0.006	0	492824	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.245	2.233	0.012	91	268411	500.0	504.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.252	2.251	0.001	94	797626	500.0	492.5	
32 trans-1,2-Dichloroethene	96	2.264	2.258	0.006	97	180123	50.0	52.7	
33 Methyl tert-butyl ether	73	2.294	2.294	0.000	98	531132	50.0	50.9	
34 Hexane	57	2.477	2.483	-0.006	95	360263	50.0	54.6	
35 1,1-Dichloroethane	63	2.593	2.593	0.000	99	386683	50.0	50.3	
36 Vinyl acetate	86	2.666	2.666	0.000	100	59084	100.0	100.0	a
37 2-Chloro-1,3-butadiene	88	2.666	2.666	0.000	62	162430	50.0	54.0	
38 Isopropyl ether	45	2.697	2.690	0.007	92	811096	50.0	50.8	
39 Tert-butyl ethyl ether	87	3.014	3.014	0.000	89	208725	50.0	50.6	
* 40 2-Butanone-d5	46	3.099	3.099	0.000	0	543729	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.105	3.099	0.006	90	194933	50.0	51.2	
42 2,2-Dichloropropane	79	3.111	3.105	0.006	64	84223	50.0	50.1	
43 2-Butanone (MEK)	72	3.160	3.160	0.000	99	108445	250.0	258.4	
44 Propionitrile	54	3.203	3.202	0.001	97	301571	500.0	493.7	
45 Ethyl acetate	43	3.233	3.227	0.006	99	473200	100.0	100.6	
62 Methyl acrylate	55	3.251	3.245	0.006	99	224682	50.0	51.2	
46 Chlorobromomethane	128	3.324	3.324	0.000	89	84916	50.0	52.1	
47 Methacrylonitrile	67	3.343	3.343	0.000	95	747223	500.0	510.7	
48 Tetrahydrofuran	42	3.398	3.410	-0.012	85	155275	100.0	104.2	
49 Chloroform	83	3.428	3.422	0.006	97	313314	50.0	49.8	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.587	0.000	96	180035	50.0	52.1	
51 1,1,1-Trichloroethane	97	3.593	3.593	0.000	91	247450	50.0	52.7	
52 Cyclohexane	84	3.642	3.635	0.007	97	295306	50.0	54.1	
53 Carbon tetrachloride	117	3.763	3.757	0.006	68	200268	50.0	52.3	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	91	260806	50.0	52.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.922	0.006	0	225930	50.0	52.0	
56 Benzene	78	3.977	3.977	0.000	98	761077	50.0	51.2	
57 1,2-Dichloroethane	62	4.013	4.013	0.000	95	241042	50.0	50.0	
58 Isobutyl alcohol	42	4.038	4.044	-0.006	96	200962	1250.0	1334.3	
59 Tert-amyl methyl ether	73	4.166	4.166	0.000	91	622961	50.0	51.8	
73 Isopropyl acetate	61	4.172	4.178	-0.006	94	73312	50.0	51.4	
* 60 Fluorobenzene	96	4.312	4.312	0.000	98	727801	50.0	50.0	
61 n-Heptane	43	4.349	4.355	-0.006	98	426197	50.0	52.4	
63 Trichloroethene	95	4.757	4.757	0.000	95	173351	50.0	51.2	
64 n-Butanol	43	4.849	4.855	-0.006	95	97342	1250.0	1224.3	
65 Methylcyclohexane	83	4.983	4.983	0.000	93	350879	50.0	55.2	
66 Ethyl acrylate	55	4.983	4.983	0.000	96	571983	50.0	53.6	
67 1,2-Dichloropropane	63	5.038	5.031	0.007	92	214594	50.0	50.1	
68 Dibromomethane	93	5.178	5.178	0.000	98	94701	50.0	50.7	
* 69 1,4-Dioxane-d8	96	5.227	5.214	0.013	0	33703	1000.0	1000.0	
71 Methyl methacrylate	100	5.300	5.300	0.000	96	72884	100.0	106.9	
70 1,4-Dioxane	88	5.275	5.312	-0.037	88	38980	1000.0	1087.6	
81 n-Propyl acetate	43	5.422	5.415	0.007	99	308484	50.0	53.0	
72 Dichlorobromomethane	83	5.434	5.434	0.000	98	217380	50.0	50.6	
74 2-Nitropropane	41	5.787	5.781	0.006	98	81304	100.0	105.3	
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	92	123943	50.1	55.3	
76 Epichlorohydrin	57	5.983	5.976	0.006	99	406225	1000.0	1027.8	
77 cis-1,3-Dichloropropene	75	6.092	6.086	0.006	97	286575	50.0	51.9	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.403	-0.006	98	1121011	250.0	252.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	97	756667	50.0	52.5	
80 Toluene	91	6.568	6.562	0.006	93	728914	50.0	51.5	
82 trans-1,3-Dichloropropene	75	6.988	6.988	0.000	98	238012	50.0	52.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.257	7.257	0.000	93	215061	50.0	54.1	
83 1,1,2-Trichloroethane	83	7.263	7.263	0.000	93	118389	50.0	51.4	
85 Tetrachloroethene	166	7.427	7.427	0.000	96	155627	50.0	54.5	
86 1,3-Dichloropropane	76	7.525	7.525	0.000	99	250630	50.0	51.7	
87 2-Hexanone	43	7.799	7.799	0.000	99	741987	250.0	265.0	
88 Chlorodibromomethane	129	7.885	7.885	0.001	98	131869	50.0	51.5	
89 Ethylene Dibromide	107	8.013	8.013	0.000	98	126752	50.0	50.6	
90 n-Butyl acetate	43	8.110	8.110	0.000	97	320636	50.0	53.1	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	478919	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	91	414259	50.0	50.1	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	94	140474	50.0	50.8	
94 Ethylbenzene	106	9.201	9.201	0.000	99	241371	50.0	53.5	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	293214	50.0	54.4	
96 o-Xylene	106	10.079	10.073	0.006	93	290462	50.0	54.4	
97 Styrene	104	10.116	10.110	0.006	94	471970	50.0	54.2	
98 n-Butyl acrylate	73	10.244	10.244	0.000	96	117045	50.0	53.7	
99 Bromoform	173	10.348	10.347	0.001	95	83874	50.0	53.5	
101 Amyl acetate (mixed isomers)	43	10.665	10.664	0.001	88	363604	50.0	54.1	
102 Isopropylbenzene	105	10.732	10.732	0.000	97	749795	50.0	54.3	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	87	203298	50.0	52.5	
104 Bromobenzene	156	11.103	11.103	0.000	94	170083	50.0	49.6	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	95	196238	50.0	51.5	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	88	46694	50.0	50.9	
107 trans-1,4-Dichloro-2-butene	53	11.372	11.378	-0.006	81	65564	50.0	53.5	
108 N-Propylbenzene	120	11.408	11.408	0.000	98	201841	50.0	53.3	
109 2-Chlorotoluene	126	11.463	11.463	0.000	98	173334	50.0	52.4	
110 4-Ethyltoluene	105	11.609	11.609	0.000	98	752873	50.0	52.7	
111 4-Chlorotoluene	91	11.658	11.658	0.000	99	583795	50.0	51.3	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	92	640504	50.0	53.3	
100 Butyl Methacrylate	87	12.079	12.079	0.000	96	201013	50.0	54.5	
113 tert-Butylbenzene	119	12.286	12.286	0.000	91	504691	50.0	53.5	
114 1,2,4-Trimethylbenzene	105	12.390	12.384	0.006	99	657453	50.0	53.1	
115 sec-Butylbenzene	105	12.707	12.707	0.000	99	836075	50.0	54.5	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	95	340000	50.0	51.5	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.884	0.000	97	264941	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	94	340713	50.0	49.7	
119 4-Isopropyltoluene	119	12.945	12.944	0.001	97	689297	50.0	52.8	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	679960	50.0	51.7	
121 Benzyl chloride	126	13.103	13.103	0.000	97	55035	50.0	50.3	
122 2,3-Dihydroindene	117	13.201	13.201	0.000	94	635381	50.0	53.4	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	94	331084	50.0	50.1	
124 p-Diethylbenzene	119	13.347	13.347	0.000	91	373787	50.0	52.9	
125 n-Butylbenzene	92	13.365	13.365	0.000	98	412255	50.0	53.9	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	90	35059	50.0	49.3	
127 1,2,4,5-Tetramethylbenzene	119	13.944	13.938	0.006	97	666981	50.0	54.6	
128 1,3,5-Trichlorobenzene	180	14.072	14.066	0.006	97	270900	50.0	49.3	
129 1,2,4-Trichlorobenzene	180	14.444	14.444	0.000	94	242943	50.0	48.2	
130 Hexachlorobutadiene	225	14.560	14.554	0.006	93	122867	50.0	50.8	
131 Naphthalene	128	14.578	14.572	0.006	99	615697	50.0	51.8	
132 1,2,3-Trichlorobenzene	180	14.713	14.706	0.007	95	237703	50.0	49.6	
S 133 1,2-Dichloroethene, Total	100				0		100.0	103.9	
S 134 1,3-Dichloropropene, Total	100				0		100.0	104.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		100.0	108.8	
S 136 Total BTEX	1				0		250.0	265.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	5.00	Units: uL		
524freon_00058	Amount Added:	5.00	Units: uL		
GASES Li_00497	Amount Added:	5.00	Units: uL		
ACROLEIN W_00145	Amount Added:	4.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 13-Oct-2022 17:14:27 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92946.D

Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2 Operator ID:

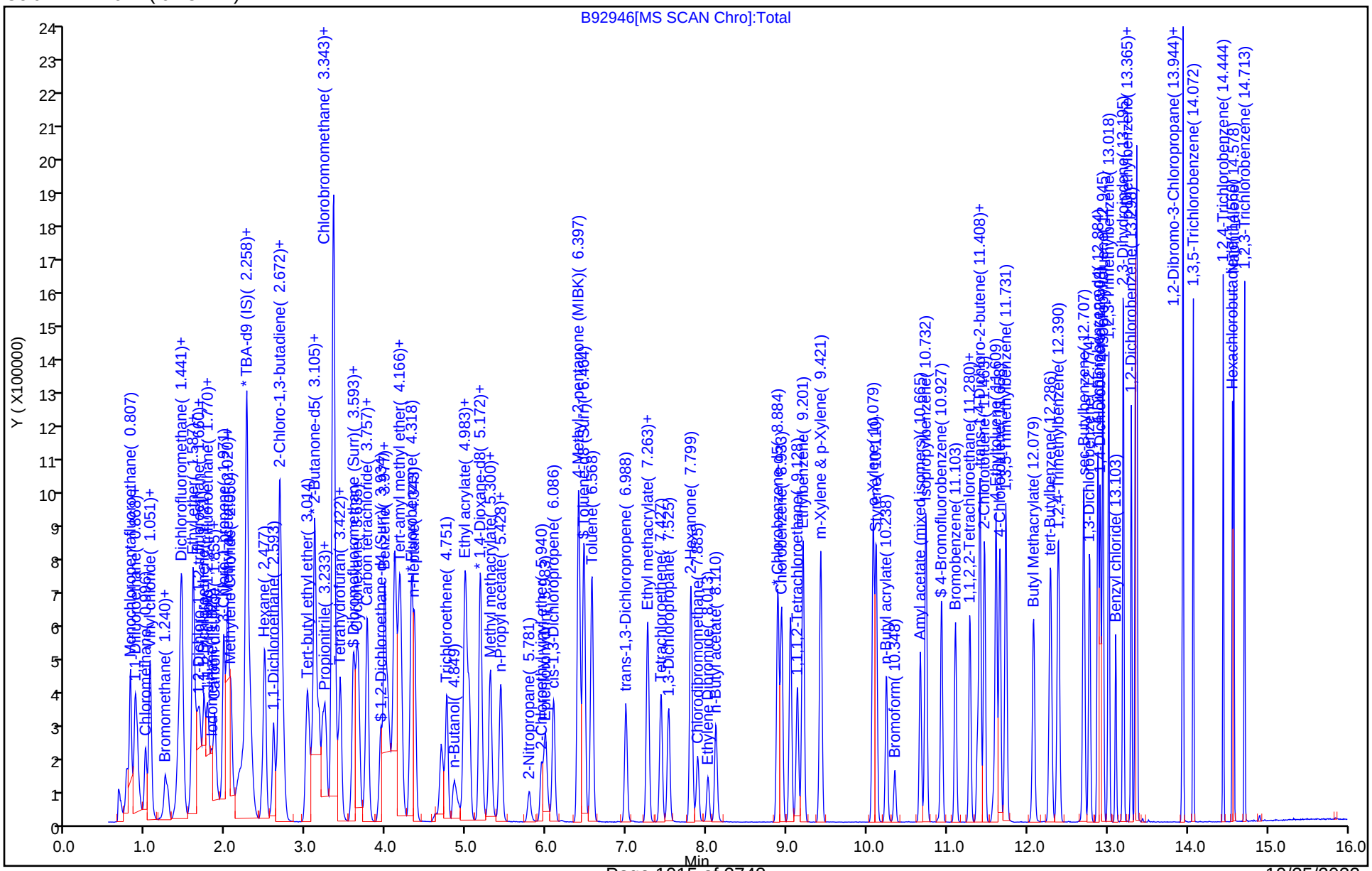
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

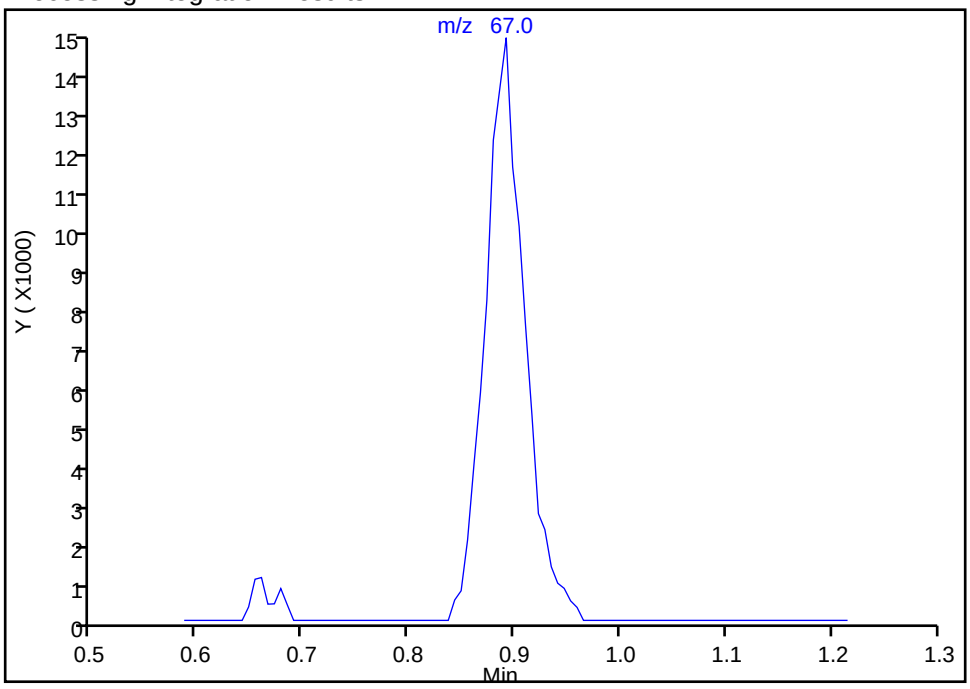
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Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

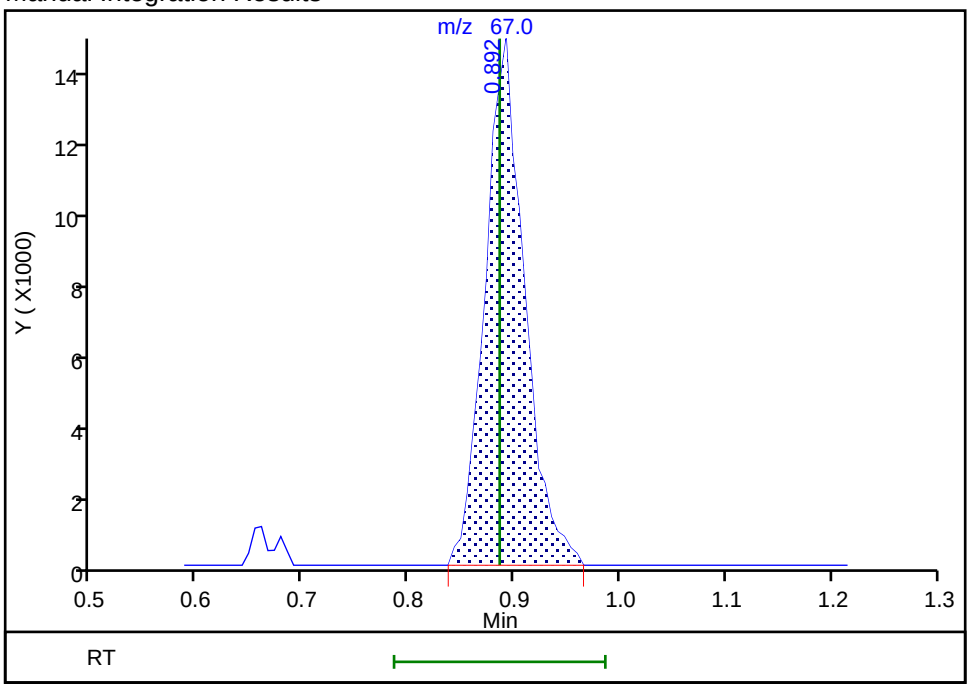
Not Detected
Expected RT: 0.89

Processing Integration Results



Manual Integration Results

RT: 0.89
Area: 36987
Amount: 55.616268
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:10:03
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

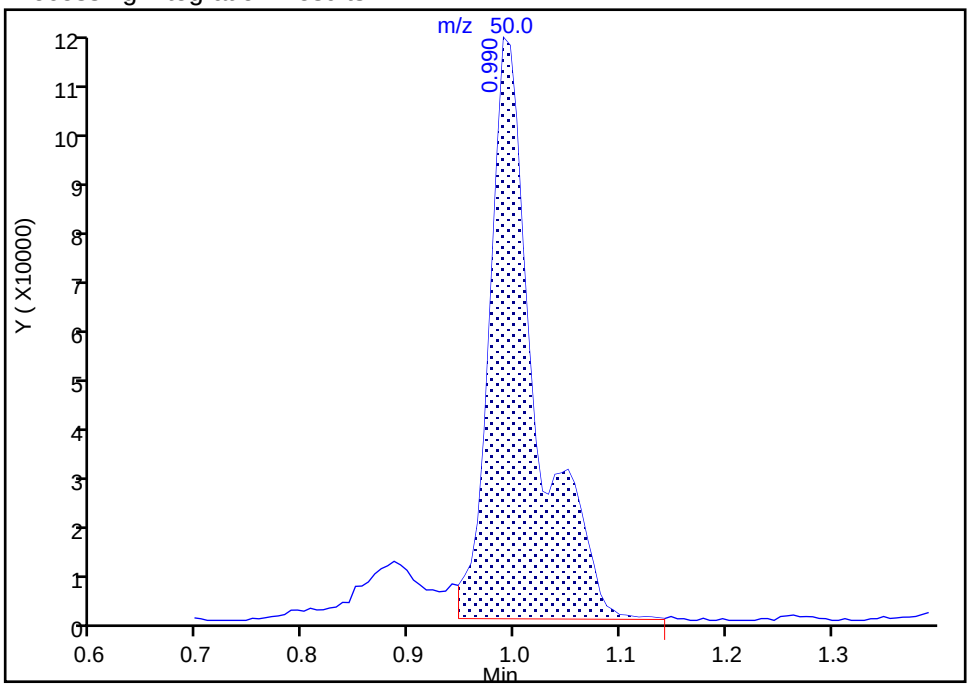
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Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

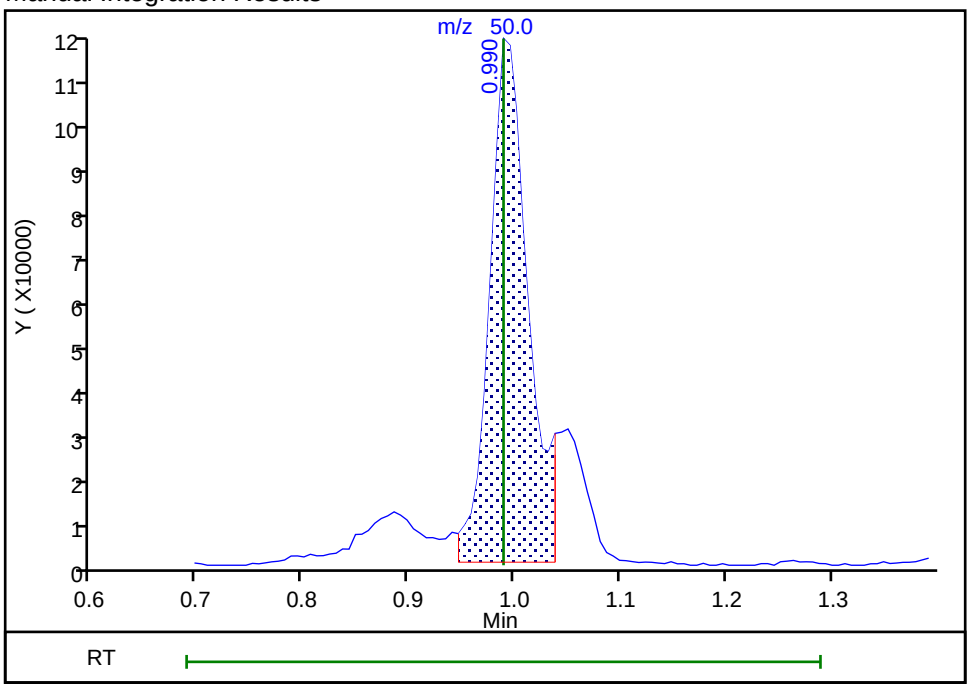
Processing Integration Results

RT: 0.99
Area: 352074
Amount: 45.239010
Amount Units: ug/l



Manual Integration Results

RT: 0.99
Area: 295692
Amount: 49.791504
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:10:11
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

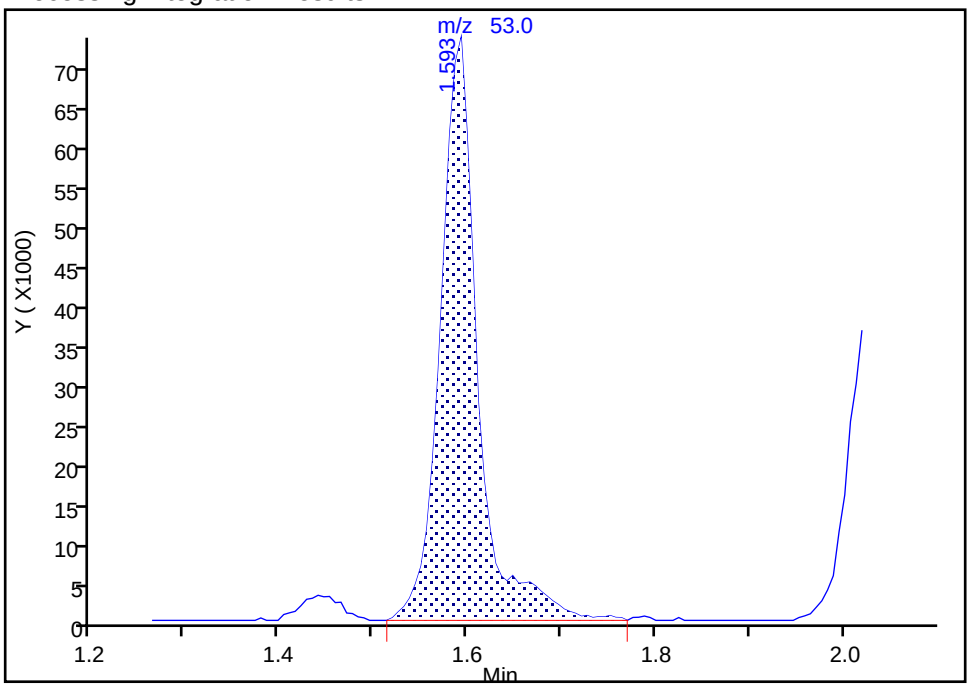
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Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

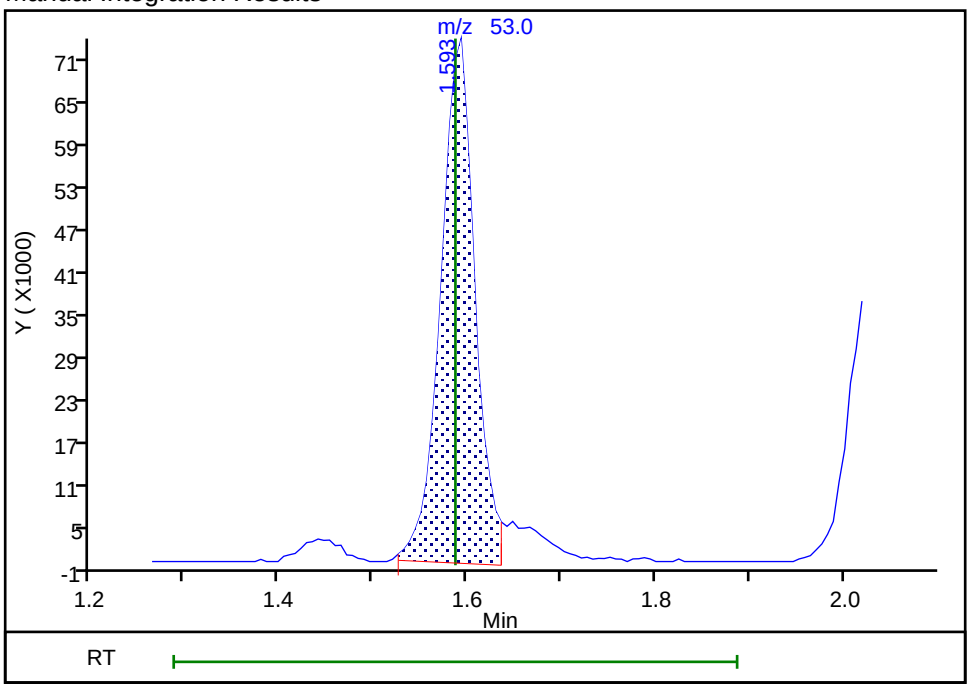
Processing Integration Results

RT: 1.59
Area: 204394
Amount: 45.243232
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 188183
Amount: 51.905545
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:10:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

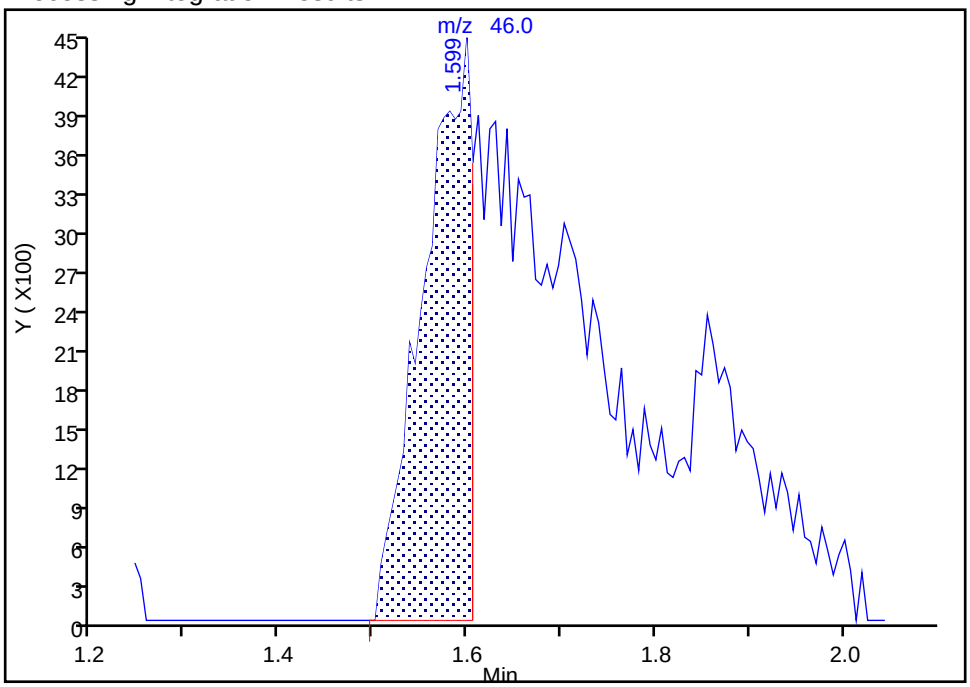
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92946.D
Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

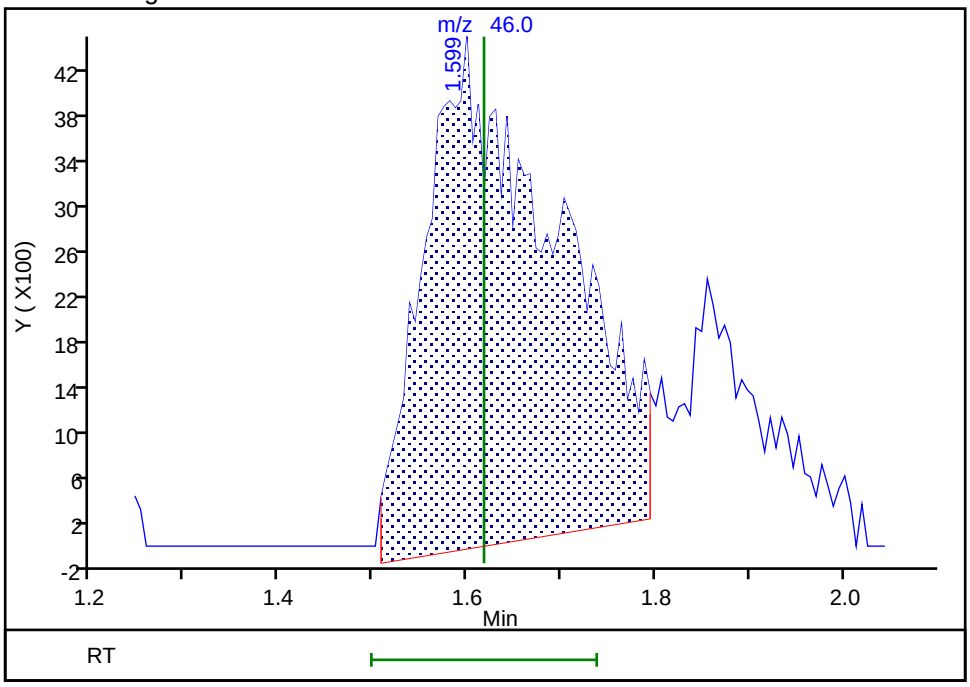
Processing Integration Results

RT: 1.60
Area: 16047
Amount: 1523.5596
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 44324
Amount: 2154.6731
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:10:32
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

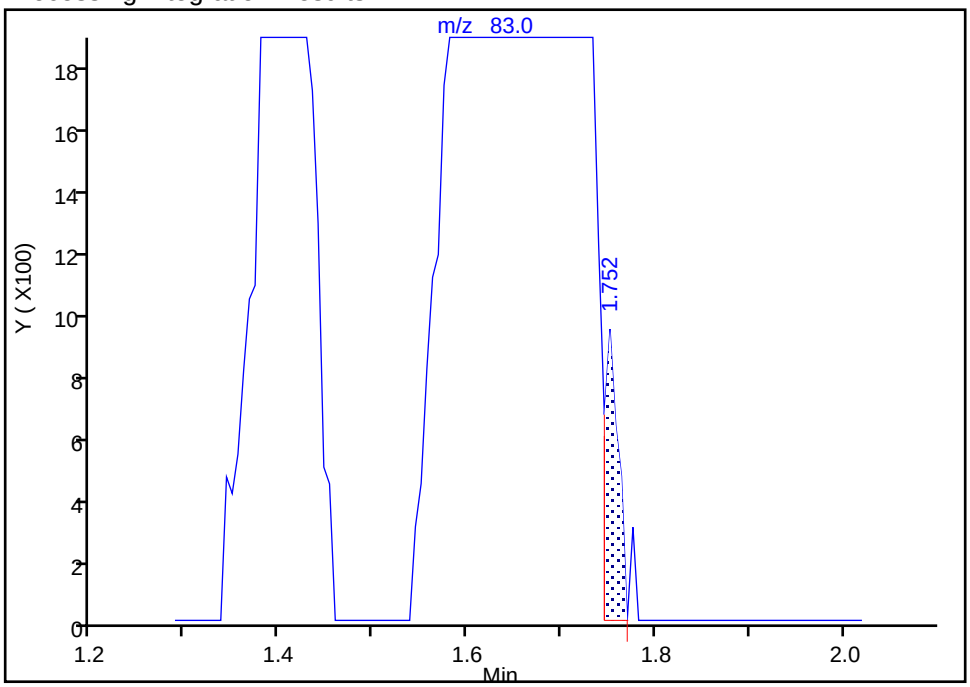
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Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

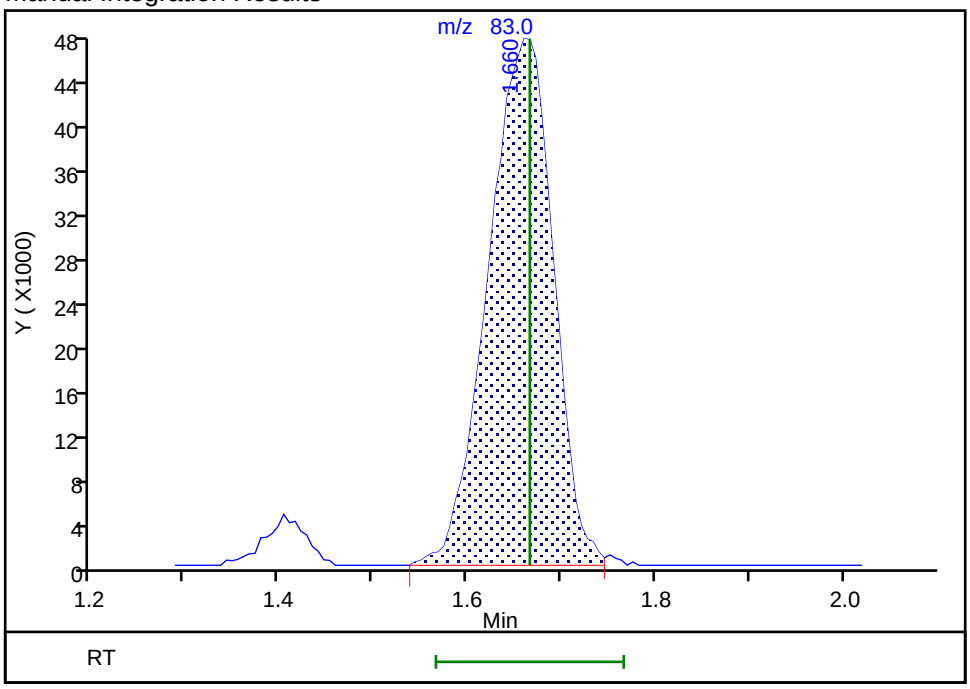
Processing Integration Results

RT: 1.75
Area: 986
Amount: 0.515514
Amount Units: ug/l



Manual Integration Results

RT: 1.66
Area: 229916
Amount: 49.794936
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:10:39
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

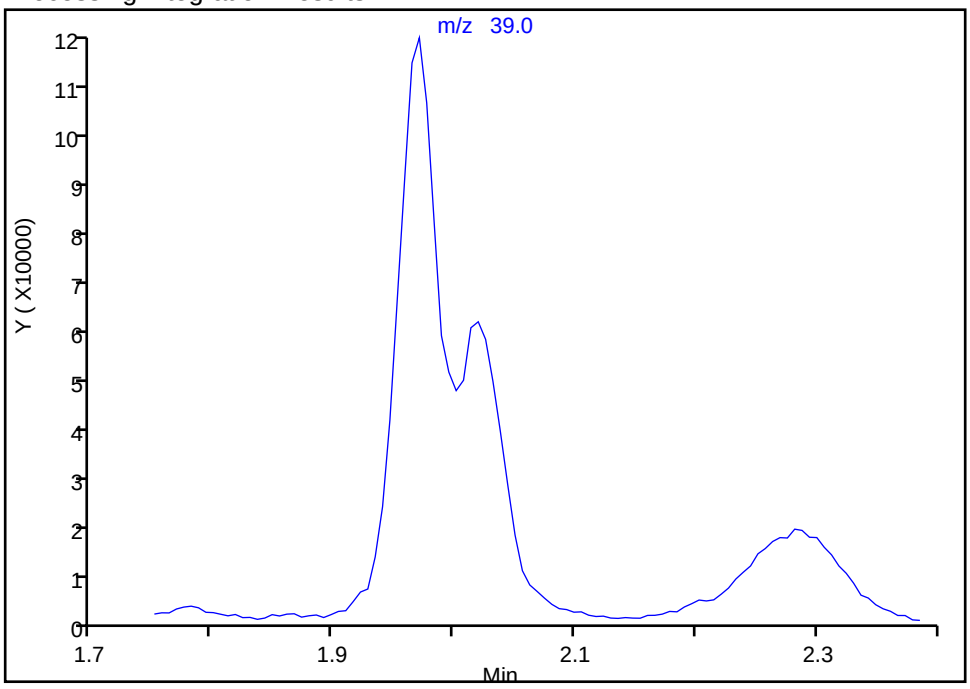
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Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

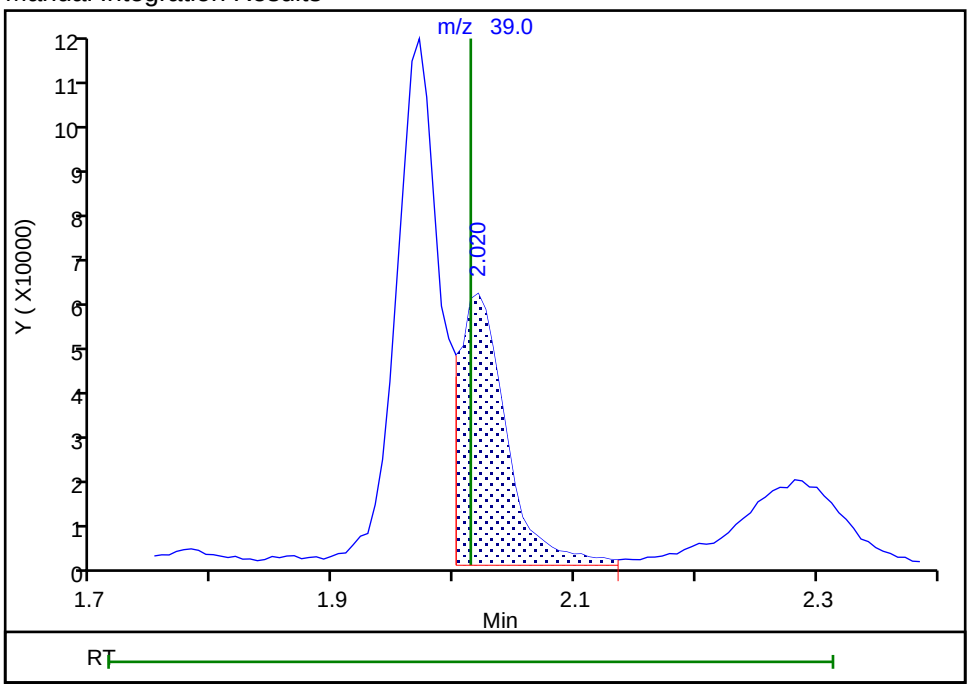
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 159365
Amount: 456.7718
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:10:49
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

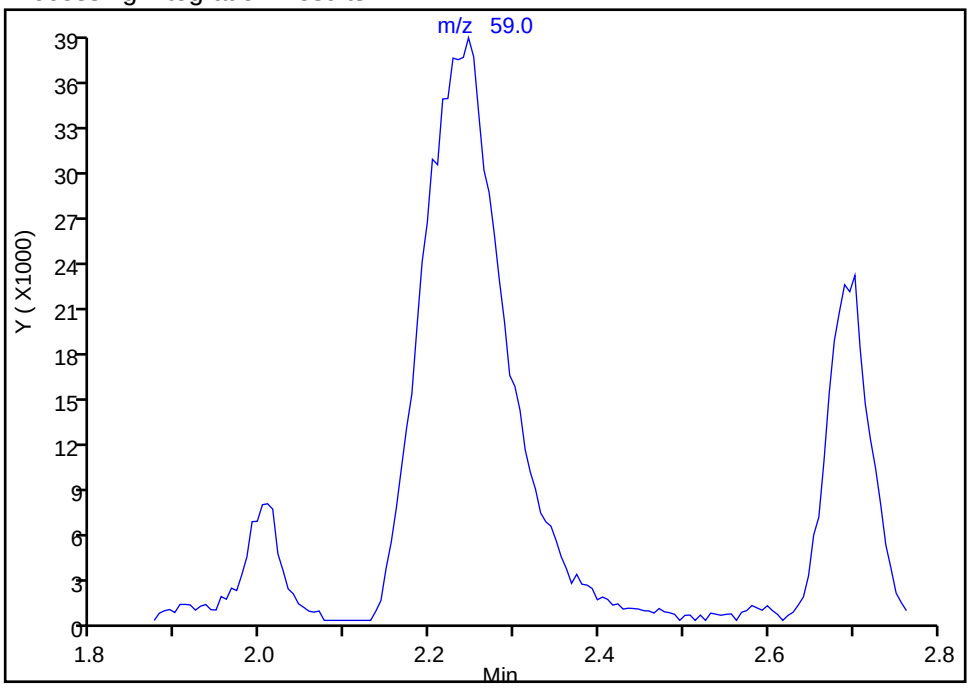
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Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

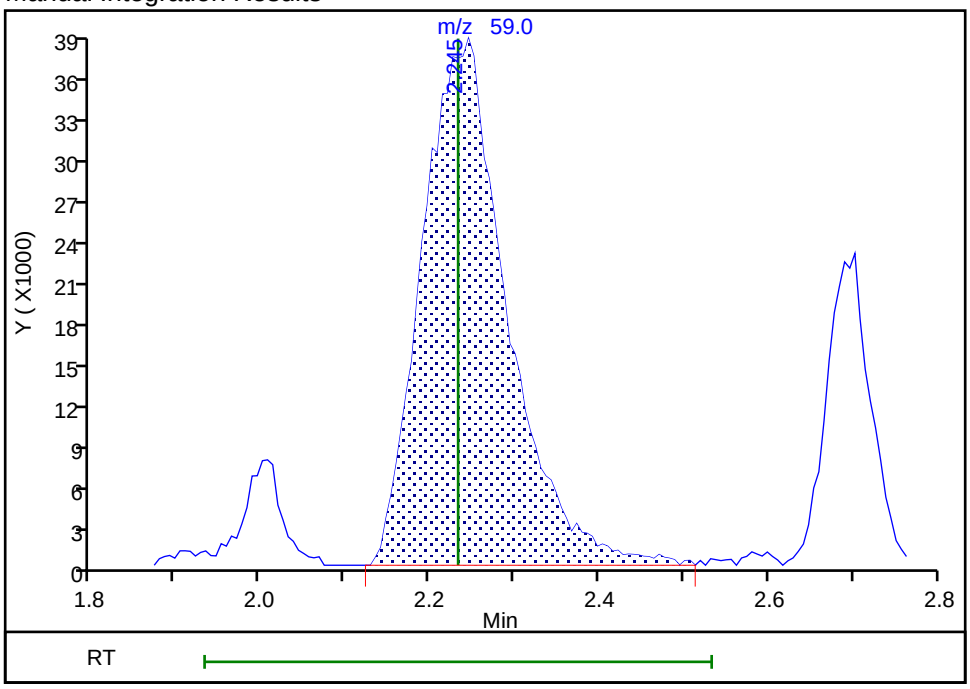
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 268411
Amount: 504.2326
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:10:54
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

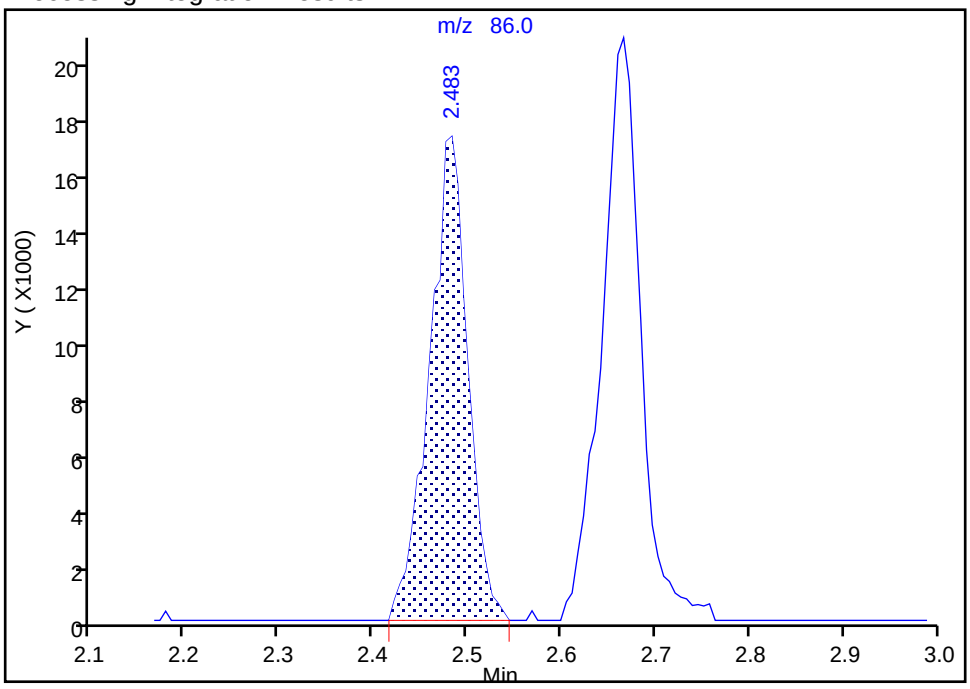
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92946.D
Injection Date: 12-Oct-2022 19:22:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

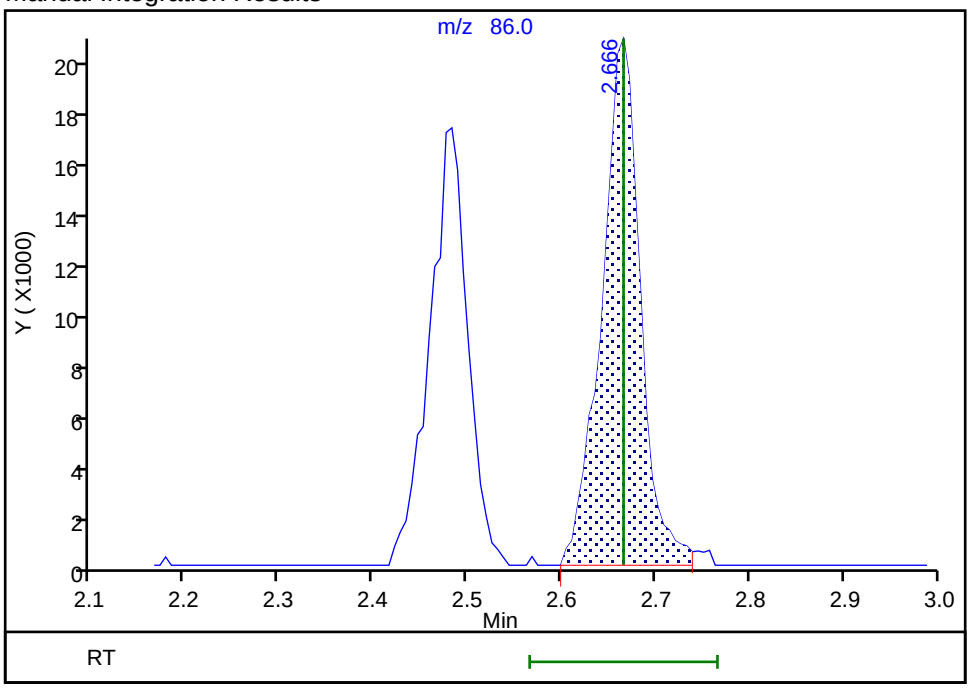
Processing Integration Results

RT: 2.48
Area: 48440
Amount: 111.6709
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 59084
Amount: 99.979549
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:41:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 12-Oct-2022 19:47:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0151643-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 17:14:35 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: N1JZ Date: 13-Oct-2022 03:13:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.807	0.794	0.013	52	86269	200.0	210.8	
2 1,1-Difluoroethane	51	0.880	0.874	0.006	99	1802840	200.0	182.0	
3 Dichlorodifluoromethane	85	0.886	0.886	0.000	98	1194920	200.0	222.9	
4 Chlorodifluoromethane	67	0.892	0.886	0.006	96	145142	200.0	203.8	
5 Chloromethane	50	0.996	0.990	0.006	99	1331219	200.0	210.7	M
7 Vinyl chloride	62	1.051	1.044	0.007	97	955668	200.0	204.6	
6 Butadiene	54	1.057	1.050	0.007	95	1020982	200.0	206.5	
8 Bromomethane	94	1.240	1.239	0.001	99	489905	200.0	194.1	
9 Chloroethane	64	1.276	1.264	0.012	100	470438	200.0	205.5	
10 Dichlorofluoromethane	67	1.416	1.404	0.012	99	1245635	200.0	184.6	
12 Pentane	43	1.447	1.441	0.006	97	2729518	400.0	378.8	
11 Trichlorofluoromethane	101	1.447	1.447	0.000	41	886382	200.0	194.7	
13 Ethyl ether	59	1.581	1.581	0.000	92	572171	200.0	190.1	
15 2-Methyl-1,3-butadiene	53	1.593	1.587	0.006	98	766346	200.0	197.3	
14 Ethanol	46	1.581	1.617	-0.036	76	167568	8000.0	8171.9	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.624	1.624	0.000	96	523098	200.0	193.6	
18 Acrolein	56	1.672	1.660	0.012	71	243923	500.0	479.1	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.672	1.666	0.006	94	936356	200.0	189.3	a
19 1,1-Dichloroethene	96	1.727	1.721	0.006	93	556140	200.0	190.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.764	1.758	0.006	96	605654	200.0	198.1	
21 Acetone	43	1.776	1.776	0.000	86	1172793	1000.0	1060.8	
22 Iodomethane	142	1.825	1.819	0.006	98	968497	200.0	193.6	
23 Carbon disulfide	76	1.861	1.861	0.000	100	2200991	200.0	189.8	
24 Isopropyl alcohol	45	1.916	1.910	0.006	96	707770	2000.0	1995.7	
25 3-Chloro-1-propene	39	1.971	1.965	0.006	93	1050388	200.0	183.2	
26 Methyl acetate	43	2.002	1.995	0.007	98	1179973	400.0	367.9	
27 Acetonitrile	39	2.020	2.014	0.006	28	629587	2000.0	1810.3	a
28 Methylene Chloride	84	2.063	2.056	0.007	97	692940	200.0	180.5	
* 29 TBA-d9 (IS)	65	2.166	2.166	0.000	0	491251	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.246	2.233	0.013	91	1059415	2000.0	1996.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.252	2.251	0.001	95	3151782	2000.0	1952.3	
32 trans-1,2-Dichloroethene	96	2.264	2.258	0.006	96	716224	200.0	195.6	
33 Methyl tert-butyl ether	73	2.294	2.294	0.000	98	2164051	200.0	193.5	
34 Hexane	57	2.483	2.483	0.000	95	1354073	200.0	191.7	
35 1,1-Dichloroethane	63	2.593	2.593	0.000	99	1546053	200.0	187.9	
36 Vinyl acetate	86	2.666	2.666	0.000	100	261844	400.0	427.4	a
37 2-Chloro-1,3-butadiene	88	2.666	2.666	0.000	93	708787	200.0	219.9	
38 Isopropyl ether	45	2.697	2.690	0.007	90	3335243	200.0	195.2	
39 Tert-butyl ethyl ether	87	3.026	3.014	0.012	88	905231	200.0	205.1	
* 40 2-Butanone-d5	46	3.099	3.099	0.000	0	563631	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	3.111	3.099	0.012	91	798040	200.0	195.6	
42 2,2-Dichloropropane	79	3.117	3.105	0.012	96	351009	200.0	194.8	
43 2-Butanone (MEK)	72	3.154	3.160	-0.006	99	457833	1000.0	1052.5	
44 Propionitrile	54	3.203	3.202	0.001	97	1240163	2000.0	1958.6	
45 Ethyl acetate	43	3.233	3.227	0.006	99	1900406	400.0	389.7	
62 Methyl acrylate	55	3.245	3.245	0.000	99	937968	200.0	199.7	
46 Chlorobromomethane	128	3.331	3.324	0.007	89	341957	200.0	195.8	
47 Methacrylonitrile	67	3.343	3.343	0.000	96	3160867	2000.0	2017.1	
48 Tetrahydrofuran	42	3.398	3.410	-0.012	92	614520	400.0	397.7	M
49 Chloroform	83	3.428	3.422	0.006	97	1284943	200.0	190.6	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.587	0.000	96	184964	50.0	50.0	
51 1,1,1-Trichloroethane	97	3.599	3.593	0.006	97	1004745	200.0	199.7	
52 Cyclohexane	84	3.648	3.635	0.013	97	1159917	200.0	198.3	
53 Carbon tetrachloride	117	3.764	3.757	0.007	97	836080	200.0	203.9	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	93	1060590	200.0	200.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.922	0.006	0	227087	50.0	48.8	
56 Benzene	78	3.977	3.977	0.000	98	3082211	200.0	191.2	
57 1,2-Dichloroethane	62	4.013	4.013	0.000	96	987882	200.0	191.3	
58 Isobutyl alcohol	42	4.038	4.044	-0.006	95	885387	5000.0	5897.3	
59 Tert-amyl methyl ether	73	4.172	4.166	0.006	72	2689350	200.0	208.6	
73 Isopropyl acetate	61	4.172	4.178	-0.006	94	312945	200.0	203.4	
* 60 Fluorobenzene	96	4.312	4.312	0.000	98	779547	50.0	50.0	a
61 n-Heptane	43	4.349	4.355	-0.006	98	1604530	200.0	184.0	
63 Trichloroethene	95	4.757	4.757	0.000	96	709479	200.0	195.6	
64 n-Butanol	43	4.843	4.855	-0.012	94	450131	5000.0	5679.7	
65 Methylcyclohexane	83	4.989	4.983	0.006	90	1381634	200.0	202.9	
66 Ethyl acrylate	55	4.989	4.983	0.006	96	2339816	200.0	204.7	
67 1,2-Dichloropropane	63	5.032	5.031	0.001	94	891436	200.0	194.4	
68 Dibromomethane	93	5.178	5.178	0.000	96	397845	200.0	198.9	
* 69 1,4-Dioxane-d8	96	5.227	5.214	0.013	0	39670	1000.0	1000.0	
71 Methyl methacrylate	100	5.300	5.300	0.000	95	323534	400.0	443.1	
70 1,4-Dioxane	88	5.275	5.312	-0.037	32	158204	4000.0	3964.5	
81 n-Propyl acetate	43	5.422	5.415	0.007	99	1294827	200.0	207.6	
72 Dichlorobromomethane	83	5.434	5.434	0.000	98	935430	200.0	203.4	
74 2-Nitropropane	41	5.781	5.781	0.000	98	360052	400.0	435.4	
75 2-Chloroethyl vinyl ether	63	5.940	5.934	0.006	92	536583	200.5	223.5	
76 Epichlorohydrin	57	5.989	5.976	0.013	99	1724903	4000.0	4210.1	
77 cis-1,3-Dichloropropene	75	6.092	6.086	0.006	97	1249455	200.0	208.6	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.403	-0.006	98	4626173	1000.0	1003.2	
$ 79 Toluene-d8 (Surr)	98	6.470	6.464	0.006	97	783226	50.0	50.1	
80 Toluene	91	6.568	6.562	0.006	93	3008455	200.0	195.8	
82 trans-1,3-Dichloropropene	75	6.995	6.988	0.007	97	1038918	200.0	211.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.257	7.257	0.000	95	949557	200.0	223.2	
83 1,1,2-Trichloroethane	83	7.269	7.263	0.006	95	505288	200.0	202.4	
85 Tetrachloroethene	166	7.434	7.427	0.007	96	634739	200.0	204.9	
86 1,3-Dichloropropane	76	7.525	7.525	0.000	99	1052785	200.0	200.3	
87 2-Hexanone	43	7.799	7.799	0.000	99	3100606	1000.0	1068.4	
88 Chlorodibromomethane	129	7.891	7.885	0.007	98	592618	200.0	213.3	
89 Ethylene Dibromide	107	8.019	8.013	0.006	99	531224	200.0	195.6	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	1385204	200.0	211.3	
* 91 Chlorobenzene-d5	117	8.891	8.884	0.007	89	519650	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	91	1756027	200.0	195.9	
93 1,1,1,2-Tetrachloroethane	131	9.134	9.128	0.006	95	611204	200.0	203.6	
94 Ethylbenzene	106	9.201	9.201	0.000	99	998982	200.0	204.2	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	1217806	200.0	208.1	
96 o-Xylene	106	10.079	10.073	0.006	92	1214790	200.0	209.6	
97 Styrene	104	10.116	10.110	0.006	95	2010767	200.0	213.0	
98 n-Butyl acrylate	73	10.244	10.244	0.000	96	522354	200.0	220.8	
99 Bromoform	173	10.348	10.347	0.001	96	377375	200.0	222.0	
101 Amyl acetate (mixed isomers)	43	10.665	10.664	0.001	87	1587501	200.0	221.6	
102 Isopropylbenzene	105	10.738	10.732	0.006	97	3141867	200.0	209.6	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	86	207346	50.0	50.2	
104 Bromobenzene	156	11.104	11.103	0.001	94	713076	200.0	195.1	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.280	0.006	95	814249	200.0	200.5	
105 1,2,3-Trichloropropane	110	11.286	11.280	0.006	92	191790	200.0	195.3	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	88	270737	200.0	207.4	
108 N-Propylbenzene	120	11.414	11.408	0.006	99	842911	200.0	208.9	
109 2-Chlorotoluene	126	11.469	11.463	0.006	97	721938	200.0	204.7	
110 4-Ethyltoluene	105	11.616	11.609	0.007	98	3236246	200.0	212.5	
111 4-Chlorotoluene	91	11.658	11.658	0.000	99	2398829	200.0	197.8	
112 1,3,5-Trimethylbenzene	105	11.738	11.731	0.007	92	2714285	200.0	211.8	
100 Butyl Methacrylate	87	12.079	12.079	0.000	96	938297	200.0	238.5	
113 tert-Butylbenzene	119	12.292	12.286	0.006	92	2173986	200.0	216.5	
114 1,2,4-Trimethylbenzene	105	12.390	12.384	0.006	98	2767111	200.0	209.8	
115 sec-Butylbenzene	105	12.707	12.707	0.000	99	3504718	200.0	214.6	
116 1,3-Dichlorobenzene	146	12.780	12.774	0.006	94	1393382	200.0	197.9	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.884	0.000	97	282311	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.914	12.908	0.006	93	1408034	200.0	192.8	
119 4-Isopropyltoluene	119	12.945	12.944	0.001	97	2907302	200.0	209.1	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	2951367	200.0	210.4	
121 Benzyl chloride	126	13.109	13.103	0.006	98	266713	200.0	228.9	
122 2,3-Dihydroindene	117	13.201	13.201	0.000	94	2752347	200.0	216.0	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	95	1388437	200.0	197.1	
124 p-Diethylbenzene	119	13.353	13.347	0.006	92	1580939	200.0	210.1	
125 n-Butylbenzene	92	13.371	13.365	0.006	99	1671177	200.0	205.1	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	92	156113	200.0	205.9	
127 1,2,4,5-Tetramethylbenzene	119	13.944	13.938	0.006	97	2873667	200.0	220.6	
128 1,3,5-Trichlorobenzene	180	14.072	14.066	0.006	97	1166837	200.0	199.4	
129 1,2,4-Trichlorobenzene	180	14.450	14.444	0.006	94	1047118	200.0	195.1	
130 Hexachlorobutadiene	225	14.560	14.554	0.006	93	509776	200.0	197.9	
131 Naphthalene	128	14.578	14.572	0.006	99	2581527	200.0	203.8	
132 1,2,3-Trichlorobenzene	180	14.713	14.706	0.007	95	995596	200.0	195.0	
S 133 1,2-Dichloroethene, Total	100				0		400.0	391.2	
S 134 1,3-Dichloropropene, Total	100				0		400.0	420.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		400.0	417.7	
S 136 Total BTEX	1				0		1000.0	1008.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00426	Amount Added:	2.00	Units: uL	
Ethanol mix_00069	Amount Added:	2.00	Units: uL	
8FreonHi_00049	Amount Added:	2.00	Units: uL	
MIX I Hi_00155	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Oct-2022 17:14:36 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D

Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2 Operator ID:

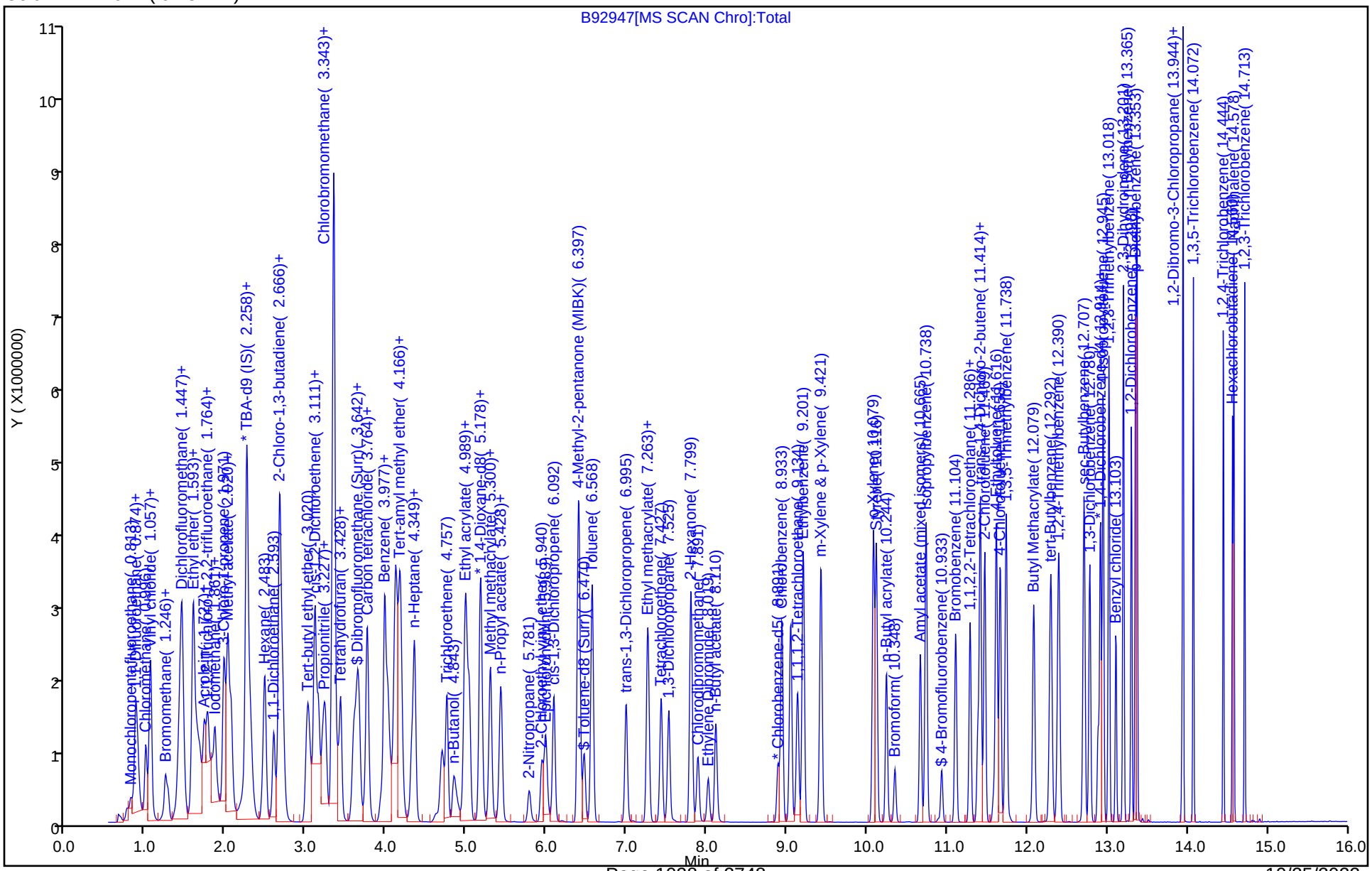
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

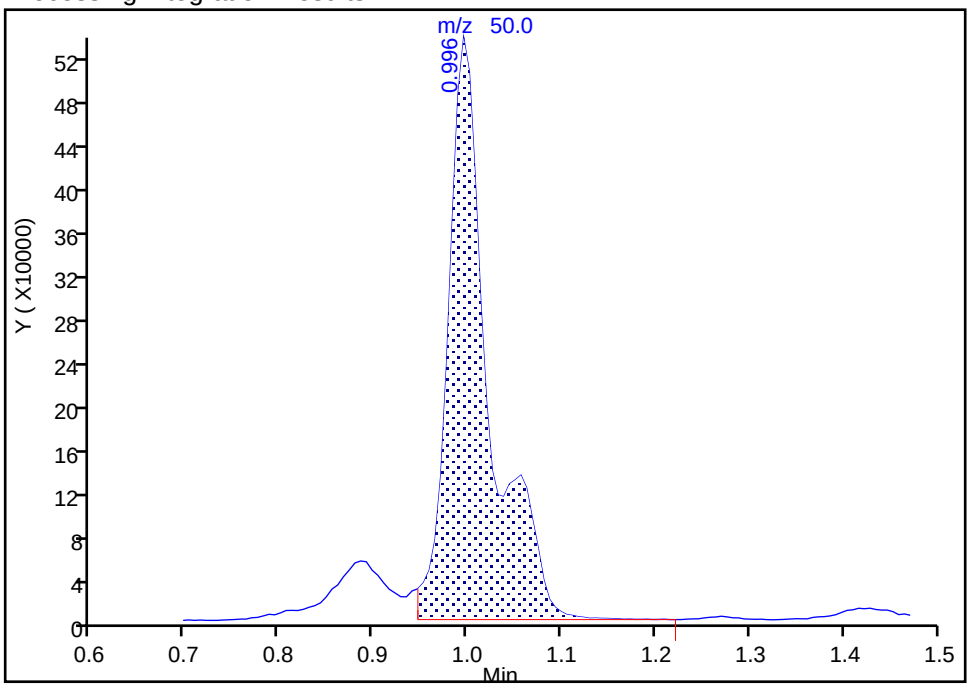
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

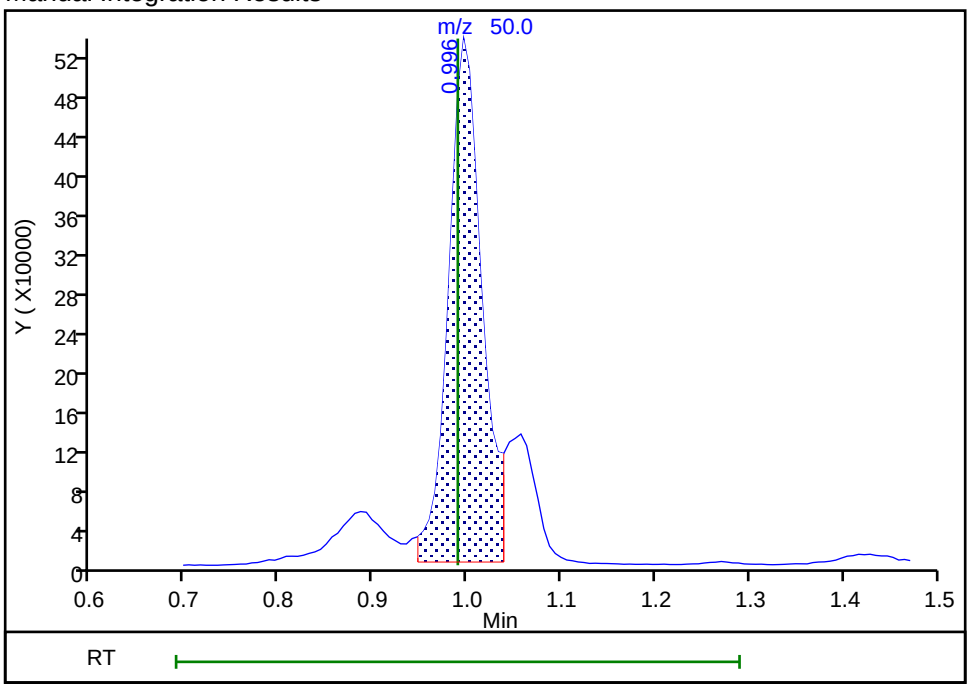
Processing Integration Results

RT: 1.00
Area: 1623157
Amount: 184.5649
Amount Units: ug/l



Manual Integration Results

RT: 1.00
Area: 1331219
Amount: 210.6942
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:42:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

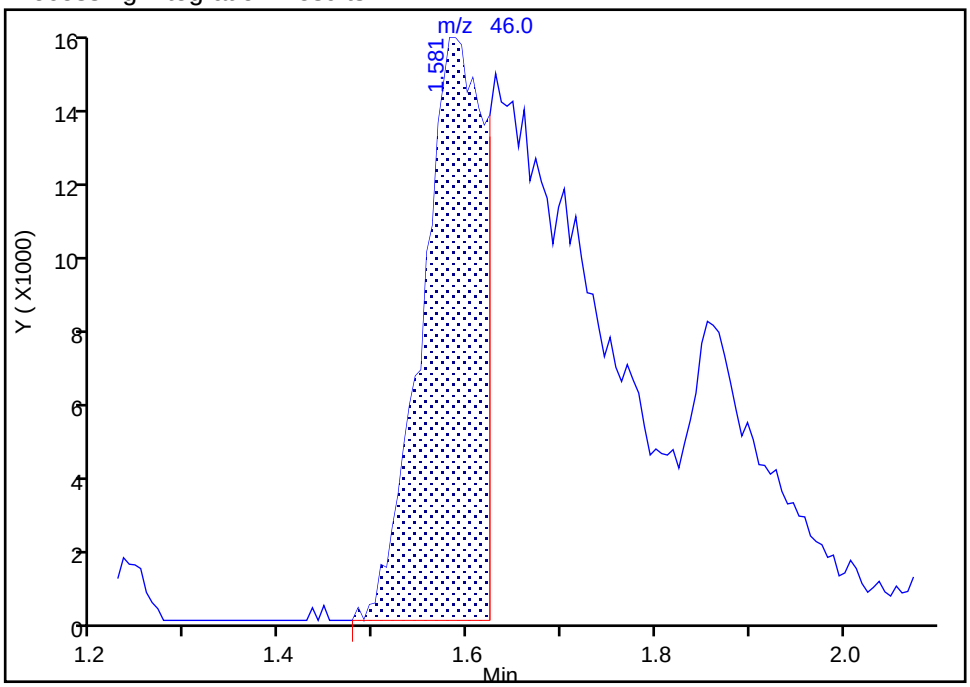
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

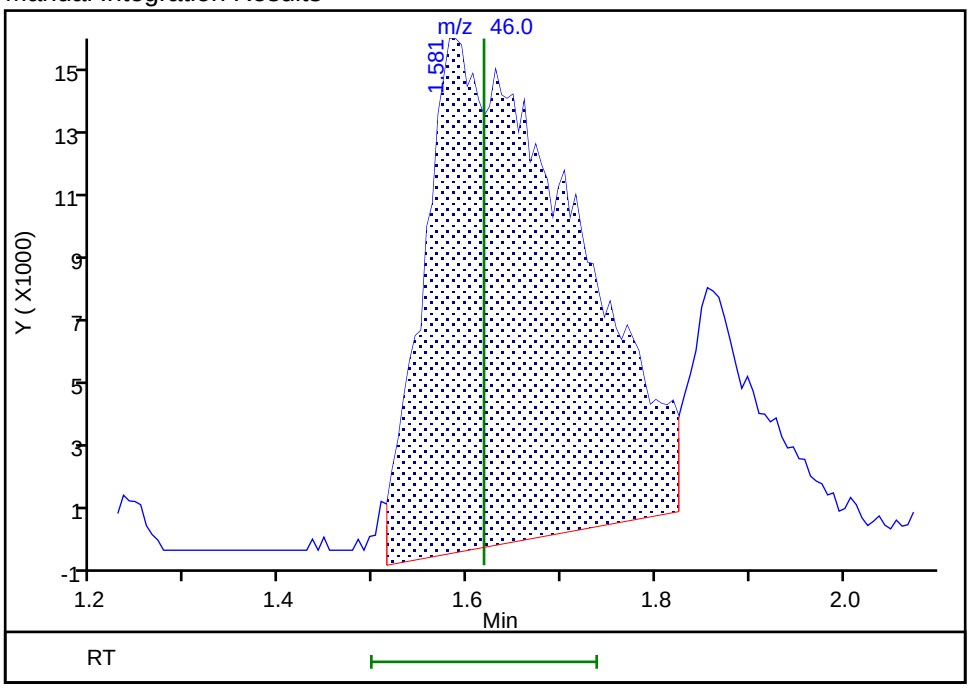
Processing Integration Results

RT: 1.58
Area: 69923
Amount: 5158.7023
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 167568
Amount: 8171.8790
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:12:45
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

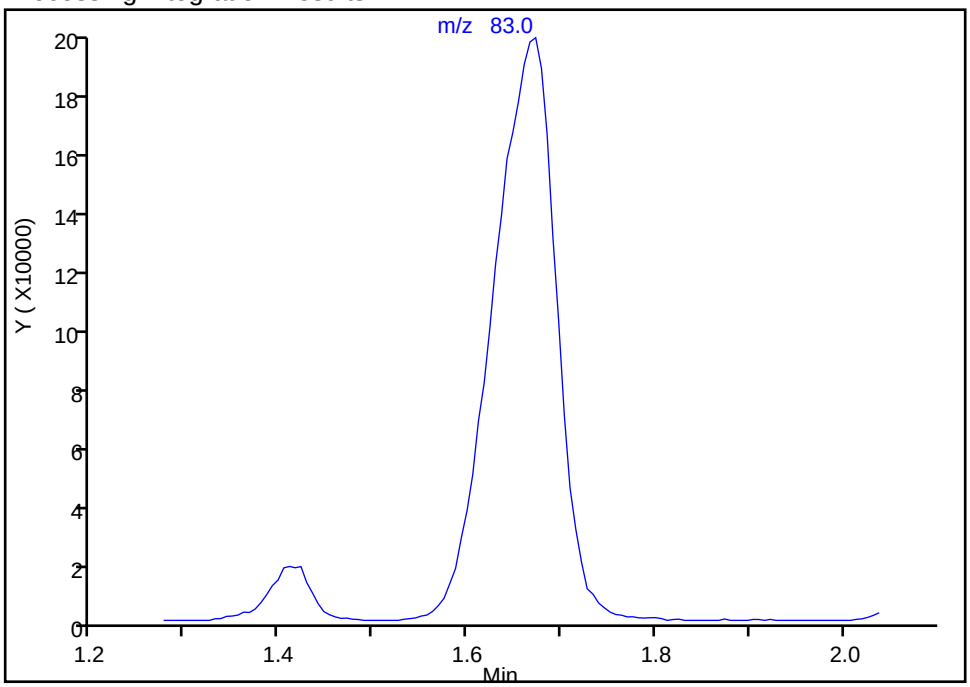
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

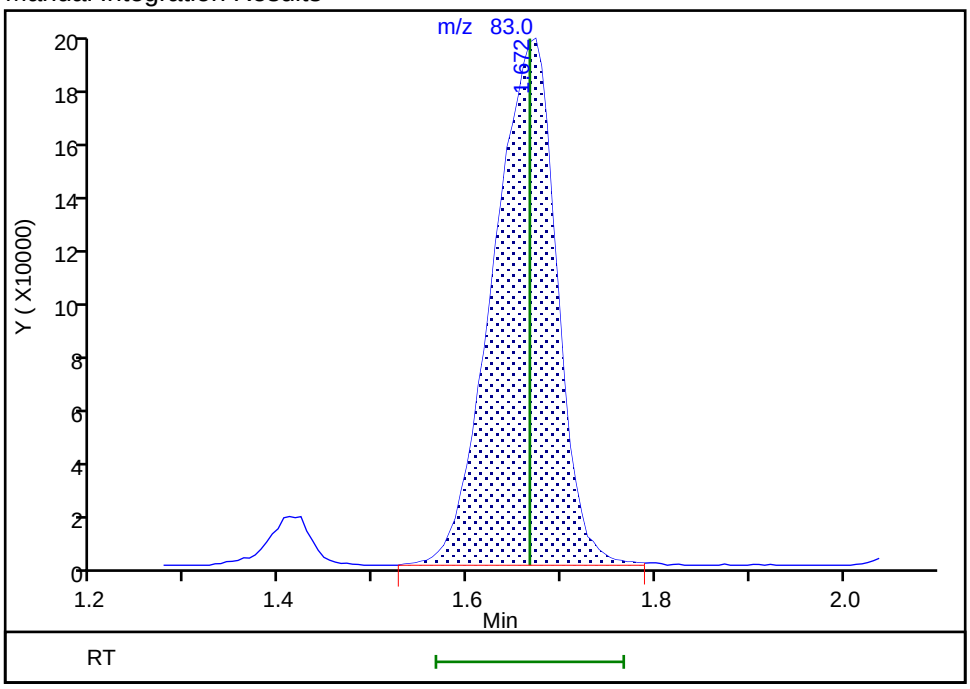
Not Detected
Expected RT: 1.67

Processing Integration Results



Manual Integration Results

RT: 1.67
Area: 936356
Amount: 189.3334
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:12:51
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

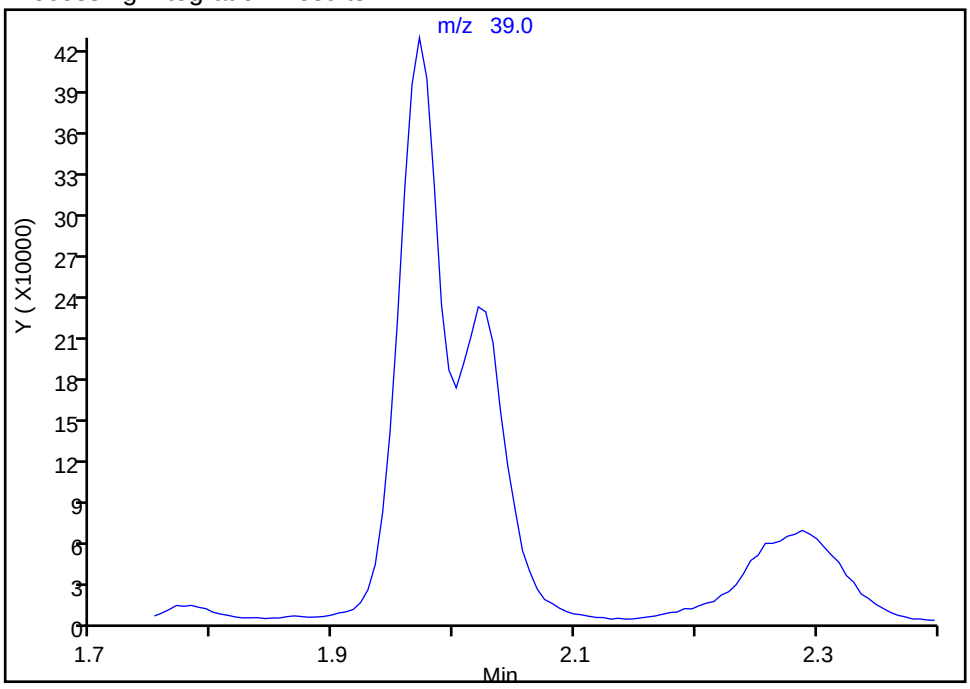
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

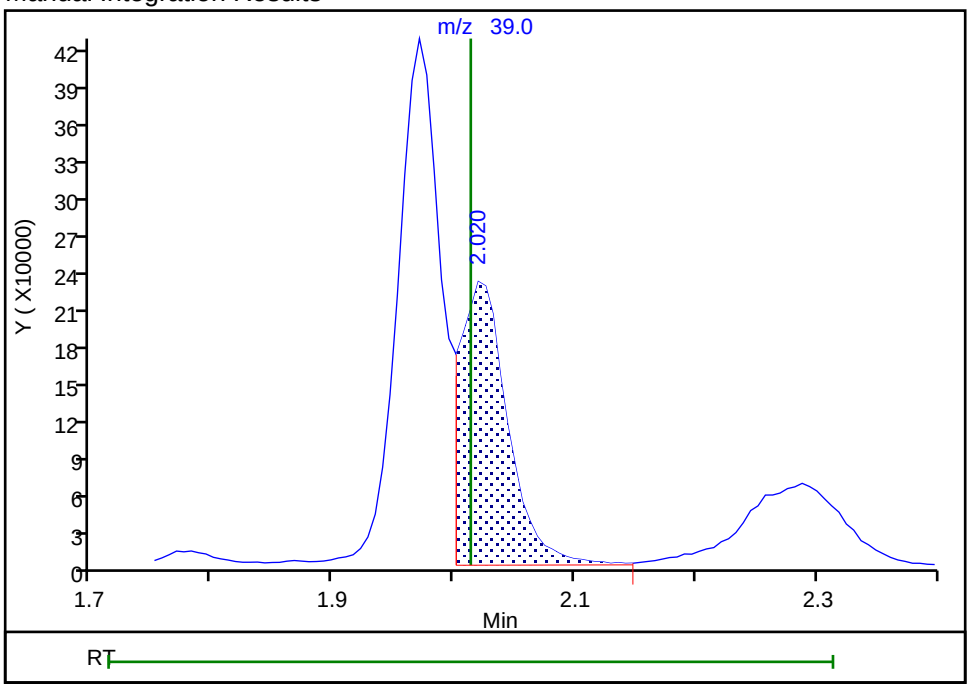
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 629587
Amount: 1810.2998
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:13:03
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

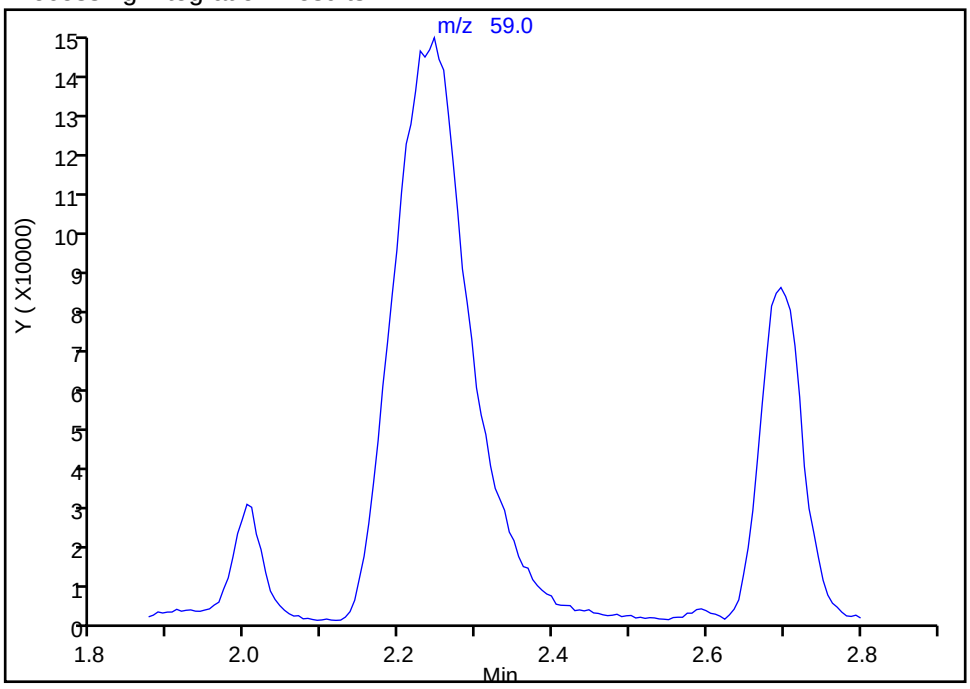
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

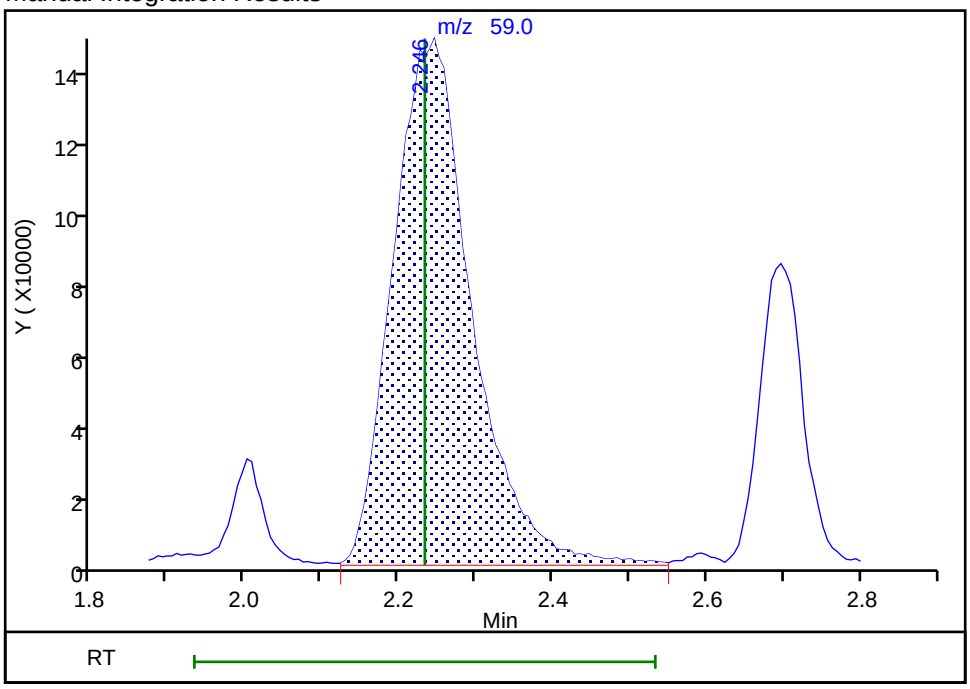
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 1059415
Amount: 1996.5726
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:13:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

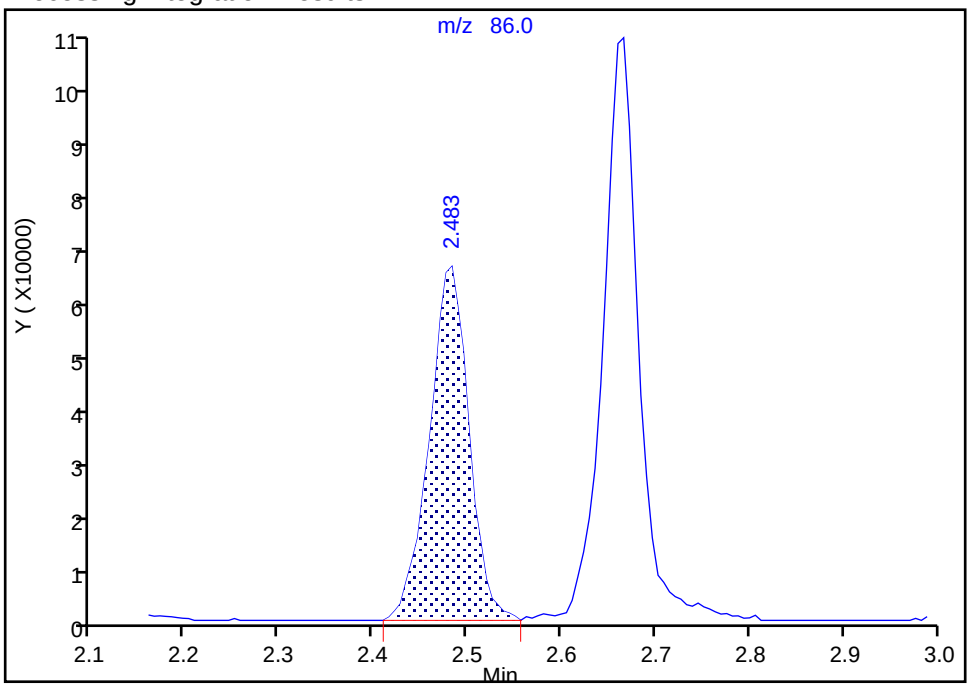
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

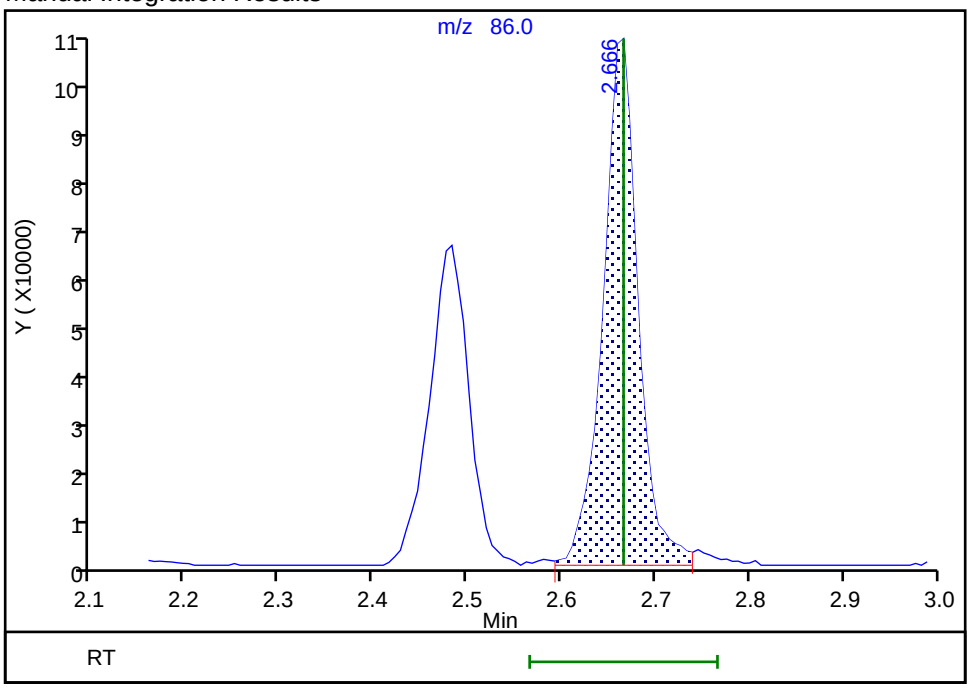
Processing Integration Results

RT: 2.48
Area: 179328
Amount: 386.1869
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 261844
Amount: 427.4364
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:42:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

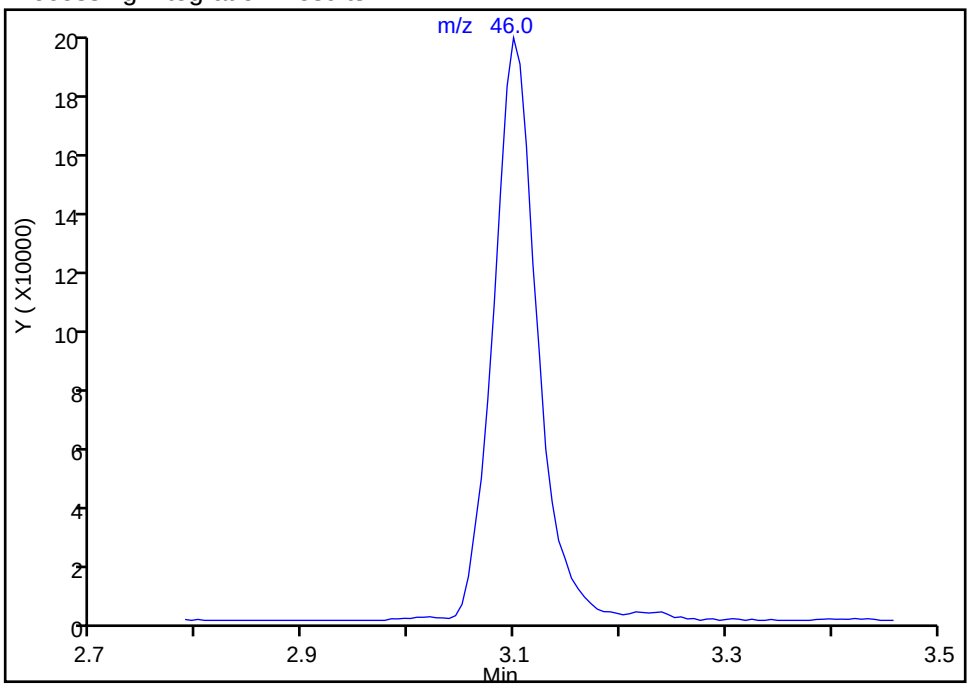
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

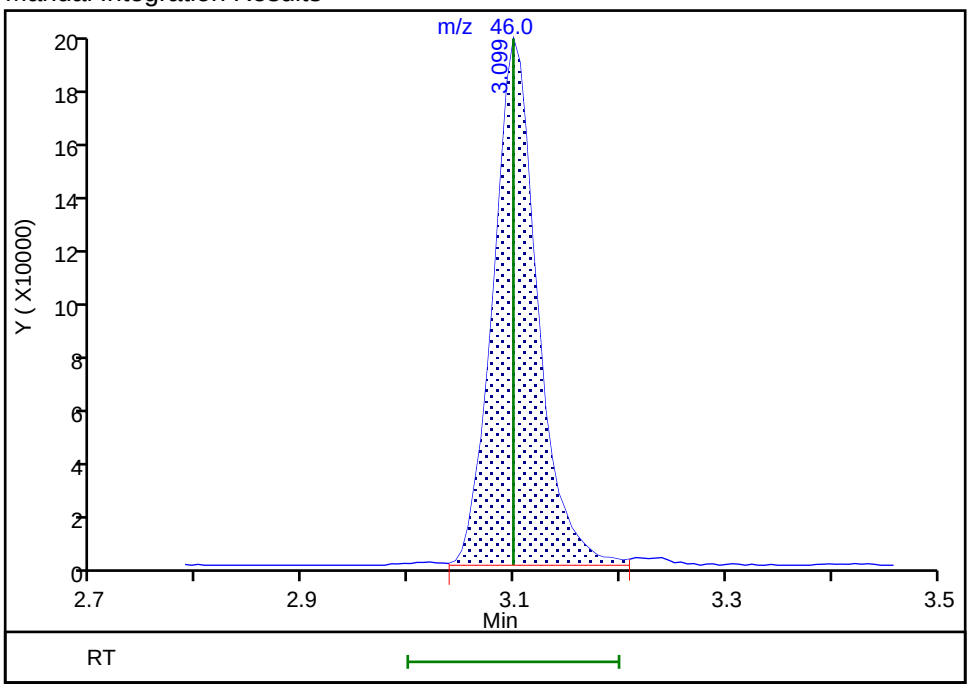
Not Detected
Expected RT: 3.10

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 563631
Amount: 250.0000
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:12:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

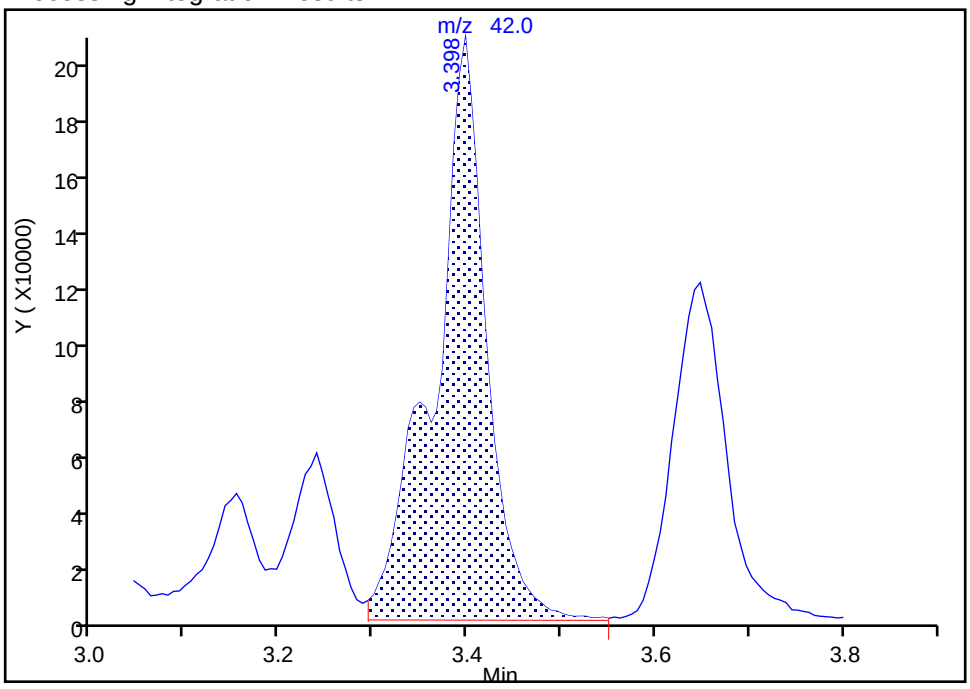
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

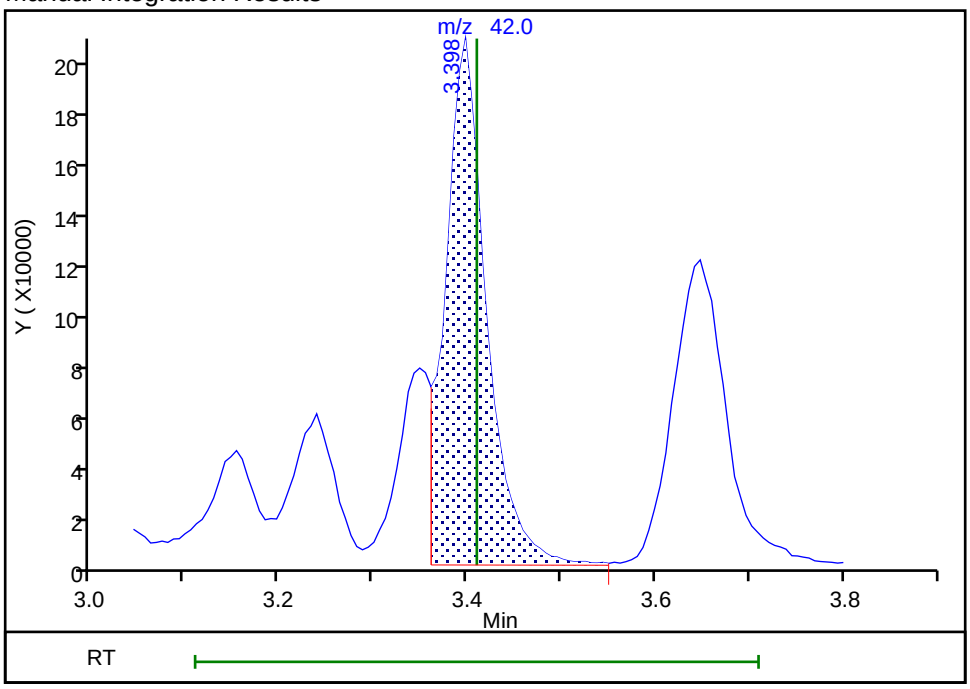
Processing Integration Results

RT: 3.40
Area: 777853
Amount: 463.2949
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 614520
Amount: 397.7388
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:43:00
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

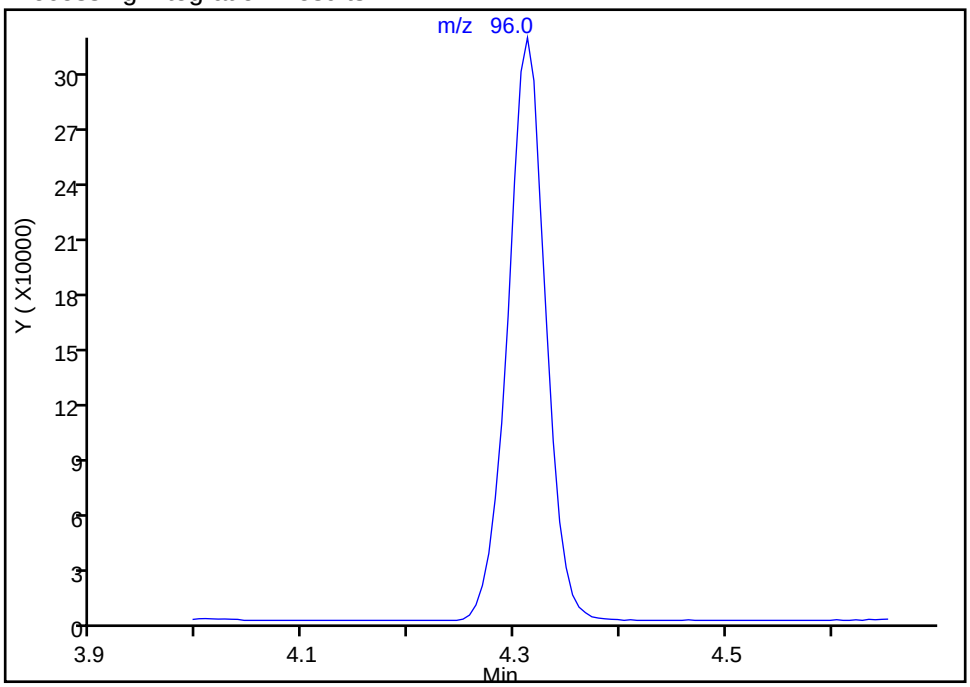
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92947.D
Injection Date: 12-Oct-2022 19:47:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

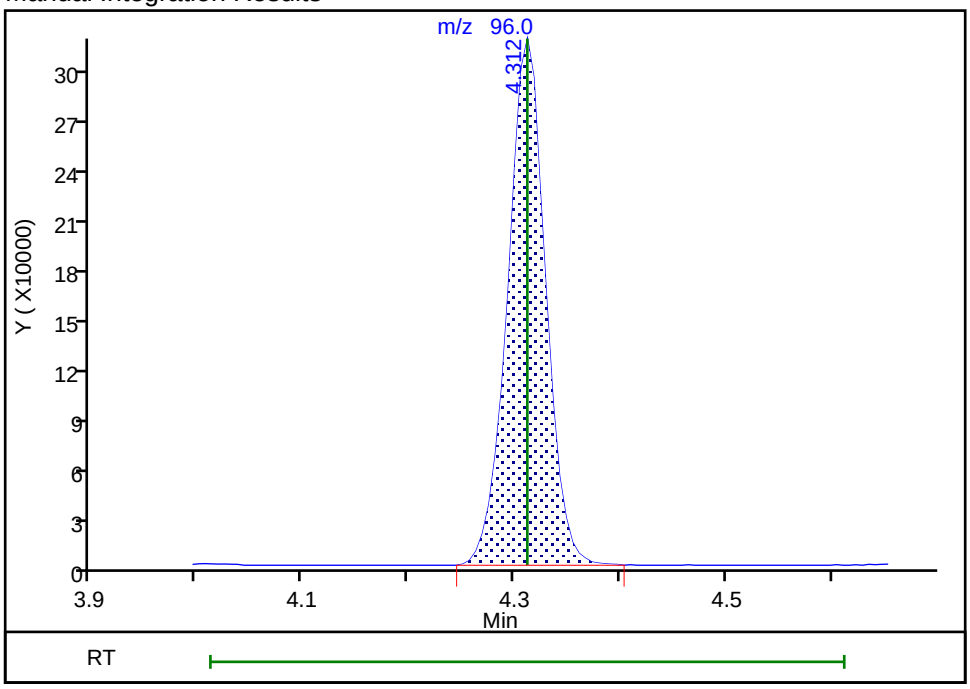
Not Detected
Expected RT: 4.31

Processing Integration Results



Manual Integration Results

RT: 4.31
Area: 779547
Amount: 50.000000
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:12:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92948.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-Oct-2022 20:12:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0151643-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 17:14:44 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: N1JZ Date: 13-Oct-2022 03:16:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.813	0.794	0.019	77	237802	500.0	554.1	
2 1,1-Difluoroethane	51	0.880	0.874	0.006	98	4645159	500.0	447.2	
3 Dichlorodifluoromethane	85	0.880	0.886	-0.006	97	3109756	500.0	553.4	
4 Chlorodifluoromethane	67	0.892	0.886	0.006	96	378231	500.0	506.4	
5 Chloromethane	50	0.996	0.990	0.006	99	3428022	500.0	518.1	M
7 Vinyl chloride	62	1.051	1.044	0.006	98	2365130	500.0	483.0	
6 Butadiene	54	1.057	1.050	0.007	96	2550172	500.0	491.8	
8 Bromomethane	94	1.239	1.239	0.000	99	1111332	500.0	419.9	
9 Chloroethane	64	1.276	1.264	0.012	99	1020151	500.0	425.6	
10 Dichlorofluoromethane	67	1.416	1.404	0.012	99	2863594	500.0	404.8	
12 Pentane	43	1.447	1.441	0.006	96	6020009	1000.0	796.8	
11 Trichlorofluoromethane	101	1.447	1.447	0.000	46	2136688	500.0	447.5	
13 Ethyl ether	59	1.581	1.581	0.000	97	1383835	500.0	438.4	
15 2-Methyl-1,3-butadiene	53	1.593	1.587	0.006	97	1818789	500.0	446.7	
14 Ethanol	46	1.587	1.617	-0.030	78	404178	20000	18863	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.636	1.624	0.012	90	1310431	500.0	462.5	
18 Acrolein	56	1.672	1.660	0.012	80	286053	600.0	537.7	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.672	1.666	0.006	94	2361804	500.0	455.5	a
19 1,1-Dichloroethene	96	1.733	1.721	0.012	93	1429186	500.0	466.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.764	1.758	0.006	95	1553401	500.0	484.5	
21 Acetone	43	1.782	1.776	0.006	85	2964323	2500.0	2666.7	
22 Iodomethane	142	1.825	1.819	0.006	98	2487198	500.0	474.1	
23 Carbon disulfide	76	1.861	1.861	0.000	100	5620985	500.0	462.2	
24 Isopropyl alcohol	45	1.916	1.910	0.006	96	1765666	5000.0	4764.4	
25 3-Chloro-1-propene	39	1.971	1.965	0.006	93	2620958	500.0	436.0	a
26 Methyl acetate	43	2.002	1.995	0.007	99	2880756	1000.0	856.6	
27 Acetonitrile	39	2.020	2.014	0.006	39	1567809	5000.0	4314.2	a
28 Methylene Chloride	84	2.069	2.056	0.013	98	1790289	500.0	444.9	
* 29 TBA-d9 (IS)	65	2.184	2.166	0.018	0	513327	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.245	2.233	0.012	91	2679276	5000.0	4832.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.258	2.251	0.007	95	7667767	5000.0	4545.4	
32 trans-1,2-Dichloroethene	96	2.264	2.258	0.006	97	1811800	500.0	471.9	
33 Methyl tert-butyl ether	73	2.294	2.294	0.000	98	5610847	500.0	478.5	
34 Hexane	57	2.483	2.483	0.000	95	3511165	500.0	474.1	
35 1,1-Dichloroethane	63	2.593	2.593	0.000	99	4015355	500.0	465.4	
36 Vinyl acetate	86	2.666	2.666	0.000	100	709340	1000.0	1148.3	a
37 2-Chloro-1,3-butadiene	88	2.672	2.666	0.006	92	1818348	500.0	538.1	
38 Isopropyl ether	45	2.697	2.690	0.007	89	8216092	500.0	458.6	
39 Tert-butyl ethyl ether	87	3.026	3.014	0.012	87	2351242	500.0	508.0	
* 40 2-Butanone-d5	46	3.105	3.099	0.006	0	568370	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	3.111	3.099	0.012	91	2040026	500.0	476.9	
42 2,2-Dichloropropane	79	3.123	3.105	0.018	95	894841	500.0	473.7	
43 2-Butanone (MEK)	72	3.154	3.160	-0.006	99	1176801	2500.0	2682.7	
44 Propionitrile	54	3.215	3.202	0.013	96	3041443	5000.0	4763.4	
45 Ethyl acetate	43	3.227	3.227	0.000	99	4574198	1000.0	930.1	
62 Methyl acrylate	55	3.251	3.245	0.006	99	2338538	500.0	474.7	
46 Chlorobromomethane	128	3.337	3.324	0.013	92	877334	500.0	479.2	
47 Methacrylonitrile	67	3.355	3.343	0.012	96	7680558	5000.0	4674.4	
48 Tetrahydrofuran	42	3.398	3.410	-0.012	92	1479560	1000.0	949.6	M
49 Chloroform	83	3.434	3.422	0.012	97	3330073	500.0	471.1	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.587	0.000	94	175774	50.0	45.3	
51 1,1,1-Trichloroethane	97	3.599	3.593	0.006	98	2643417	500.0	501.1	
52 Cyclohexane	84	3.654	3.635	0.019	97	2990588	500.0	487.5	
53 Carbon tetrachloride	117	3.763	3.757	0.006	62	2210350	500.0	514.0	
54 1,1-Dichloropropene	75	3.763	3.757	0.006	92	2793954	500.0	504.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.922	0.006	0	216946	50.0	44.4	
56 Benzene	78	3.983	3.977	0.006	98	8033543	500.0	472.5	
57 1,2-Dichloroethane	62	4.013	4.013	0.000	97	2562020	500.0	473.2	
58 Isobutyl alcohol	42	4.038	4.044	-0.006	96	2256608	12500	14384	
59 Tert-amyl methyl ether	73	4.178	4.166	0.012	90	7035277	500.0	520.4	
73 Isopropyl acetate	61	4.178	4.178	0.000	94	784792	500.0	485.7	
* 60 Fluorobenzene	96	4.312	4.312	0.000	98	817379	50.0	50.0	a
61 n-Heptane	43	4.349	4.355	-0.006	98	3990793	500.0	436.5	
63 Trichloroethene	95	4.757	4.757	0.000	96	1866295	500.0	490.7	
64 n-Butanol	43	4.849	4.855	-0.006	92	1140674	12500	13774	
65 Methylcyclohexane	83	4.989	4.983	0.006	81	3606730	500.0	505.1	
66 Ethyl acrylate	55	4.995	4.983	0.012	97	5911969	500.0	493.3	
67 1,2-Dichloropropane	63	5.038	5.031	0.007	93	2267359	500.0	471.5	
68 Dibromomethane	93	5.184	5.178	0.006	39	1035193	500.0	493.6	
* 69 1,4-Dioxane-d8	96	5.214	5.214	0.000	0	45616	1000.0	1000.0	
71 Methyl methacrylate	100	5.300	5.300	0.000	95	839562	1000.0	1096.5	
70 1,4-Dioxane	88	5.281	5.312	-0.031	89	404099	10000	10006	
81 n-Propyl acetate	43	5.422	5.415	0.007	99	3222007	500.0	492.7	
72 Dichlorobromomethane	83	5.434	5.434	0.000	98	2477708	500.0	513.9	
74 2-Nitropropane	41	5.787	5.781	0.006	98	938431	1000.0	1082.2	
75 2-Chloroethyl vinyl ether	63	5.946	5.934	0.012	93	1381034	501.2	548.6	
76 Epichlorohydrin	57	5.995	5.976	0.019	99	4401556	10000	10654	
77 cis-1,3-Dichloropropene	75	6.092	6.086	0.006	97	3296300	500.0	521.8	
78 4-Methyl-2-pentanone (MIBK)	43	6.403	6.403	0.000	98	11229210	2500.0	2414.8	
$ 79 Toluene-d8 (Surr)	98	6.470	6.464	0.006	98	755959	50.0	45.9	
80 Toluene	91	6.574	6.562	0.012	93	7800833	500.0	481.5	
82 trans-1,3-Dichloropropene	75	6.994	6.988	0.006	98	2791571	500.0	539.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.263	7.257	0.006	94	2467611	500.0	553.2	
83 1,1,2-Trichloroethane	83	7.269	7.263	0.006	95	1296351	500.0	492.3	
85 Tetrachloroethene	166	7.433	7.427	0.006	96	1679731	500.0	514.1	
86 1,3-Dichloropropane	76	7.525	7.525	0.000	99	2730101	500.0	492.5	
87 2-Hexanone	43	7.805	7.799	0.006	99	7607765	2500.0	2599.6	
88 Chlorodibromomethane	129	7.891	7.885	0.007	98	1590278	500.0	542.7	
89 Ethylene Dibromide	107	8.019	8.013	0.006	98	1410098	500.0	492.3	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	3492197	500.0	505.1	
* 91 Chlorobenzene-d5	117	8.890	8.884	0.006	91	548005	50.0	50.0	
92 Chlorobenzene	112	8.939	8.933	0.006	90	4583950	500.0	484.9	
93 1,1,1,2-Tetrachloroethane	131	9.134	9.128	0.006	95	1632928	500.0	515.9	
94 Ethylbenzene	106	9.207	9.201	0.006	99	2608430	500.0	505.5	
95 m-Xylene & p-Xylene	106	9.427	9.421	0.006	0	3164610	500.0	512.8	
96 o-Xylene	106	10.085	10.073	0.012	93	3157001	500.0	516.6	
97 Styrene	104	10.122	10.110	0.012	94	5209386	500.0	523.2	
98 n-Butyl acrylate	73	10.244	10.244	0.000	96	1330235	500.0	533.3	
99 Bromoform	173	10.354	10.347	0.007	96	1014752	500.0	566.1	
101 Amyl acetate (mixed isomers)	43	10.671	10.664	0.007	88	3922278	500.0	521.0	
102 Isopropylbenzene	105	10.744	10.732	0.012	97	8138503	500.0	514.8	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	87	204545	50.0	47.1	
104 Bromobenzene	156	11.110	11.103	0.007	95	1875397	500.0	488.3	
106 1,1,2,2-Tetrachloroethane	83	11.292	11.280	0.012	99	2063442	500.0	483.6	
105 1,2,3-Trichloropropane	110	11.286	11.280	0.006	97	488200	500.0	472.6	
107 trans-1,4-Dichloro-2-butene	53	11.384	11.378	0.006	89	691664	500.0	504.2	
108 N-Propylbenzene	120	11.420	11.408	0.012	99	2182467	500.0	514.7	
109 2-Chlorotoluene	126	11.475	11.463	0.012	97	1890919	500.0	510.2	
110 4-Ethyltoluene	105	11.622	11.609	0.013	98	8278432	500.0	517.4	
111 4-Chlorotoluene	91	11.670	11.658	0.012	99	6257587	500.0	491.2	
112 1,3,5-Trimethylbenzene	105	11.744	11.731	0.013	92	7079715	500.0	525.9	
100 Butyl Methacrylate	87	12.085	12.079	0.006	95	2412086	500.0	583.6	
113 tert-Butylbenzene	119	12.298	12.286	0.012	92	5731086	500.0	543.1	
114 1,2,4-Trimethylbenzene	105	12.402	12.384	0.018	98	7160705	500.0	516.7	
115 sec-Butylbenzene	105	12.713	12.707	0.006	99	9135316	500.0	532.3	
116 1,3-Dichlorobenzene	146	12.786	12.774	0.012	94	3641630	500.0	492.3	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.884	0.000	97	296620	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.914	12.908	0.006	93	3654322	500.0	476.1	
119 4-Isopropyltoluene	119	12.951	12.944	0.007	97	7565986	500.0	518.0	
120 1,2,3-Trimethylbenzene	105	13.024	13.018	0.006	99	7622252	500.0	517.3	
121 Benzyl chloride	126	13.109	13.103	0.006	98	701426	500.0	572.9	
122 2,3-Dihydroindene	117	13.207	13.201	0.006	94	6868364	500.0	514.0	
123 1,2-Dichlorobenzene	146	13.304	13.298	0.006	95	3598943	500.0	486.2	
124 p-Diethylbenzene	119	13.353	13.347	0.006	90	4035854	500.0	510.4	
125 n-Butylbenzene	92	13.371	13.365	0.006	98	4205398	500.0	491.3	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	95	405150	500.0	508.5	
127 1,2,4,5-Tetramethylbenzene	119	13.944	13.938	0.006	97	7264685	500.0	530.8	
128 1,3,5-Trichlorobenzene	180	14.072	14.066	0.006	97	2947912	500.0	479.4	
129 1,2,4-Trichlorobenzene	180	14.444	14.444	0.000	94	2640188	500.0	468.3	
130 Hexachlorobutadiene	225	14.560	14.554	0.006	94	1329278	500.0	491.1	
131 Naphthalene	128	14.578	14.572	0.006	99	6533030	500.0	490.8	
132 1,2,3-Trichlorobenzene	180	14.712	14.706	0.006	96	2533114	500.0	472.3	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	948.8	
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1061.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		1000.0	1029.4	
S 136 Total BTEX	1				0		2500.0	2489.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00426	Amount Added:	5.00	Units: uL		
Ethanol mix_00069	Amount Added:	5.00	Units: uL		
8FreonHi_00049	Amount Added:	5.00	Units: uL		
MIX I Hi_00155	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00128	Amount Added:	5.00	Units: uL		
ACROLEIN W_00145	Amount Added:	6.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 13-Oct-2022 17:14:45 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92948.D

Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2 Operator ID:

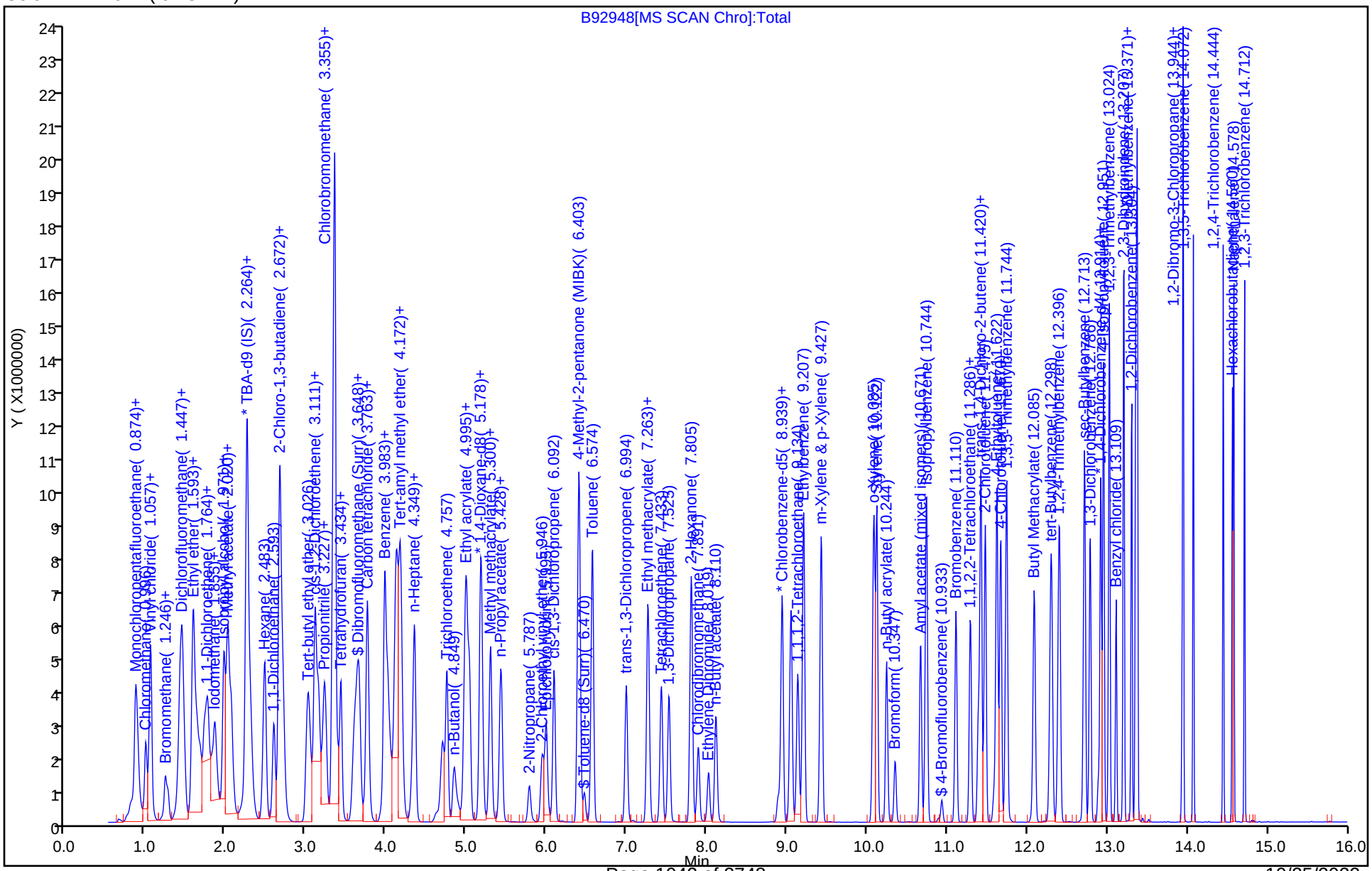
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

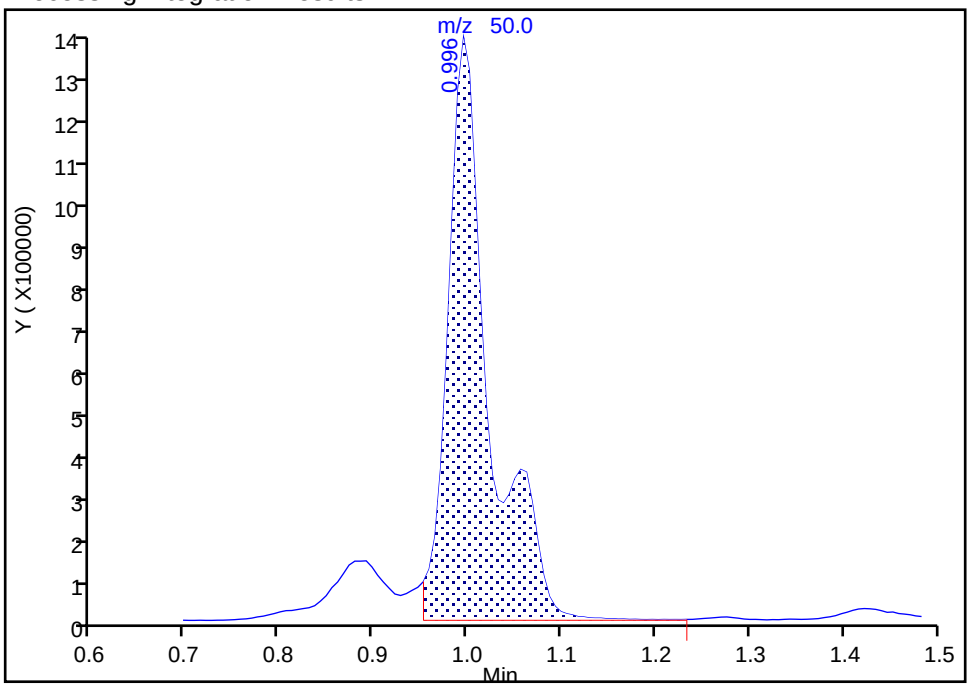
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

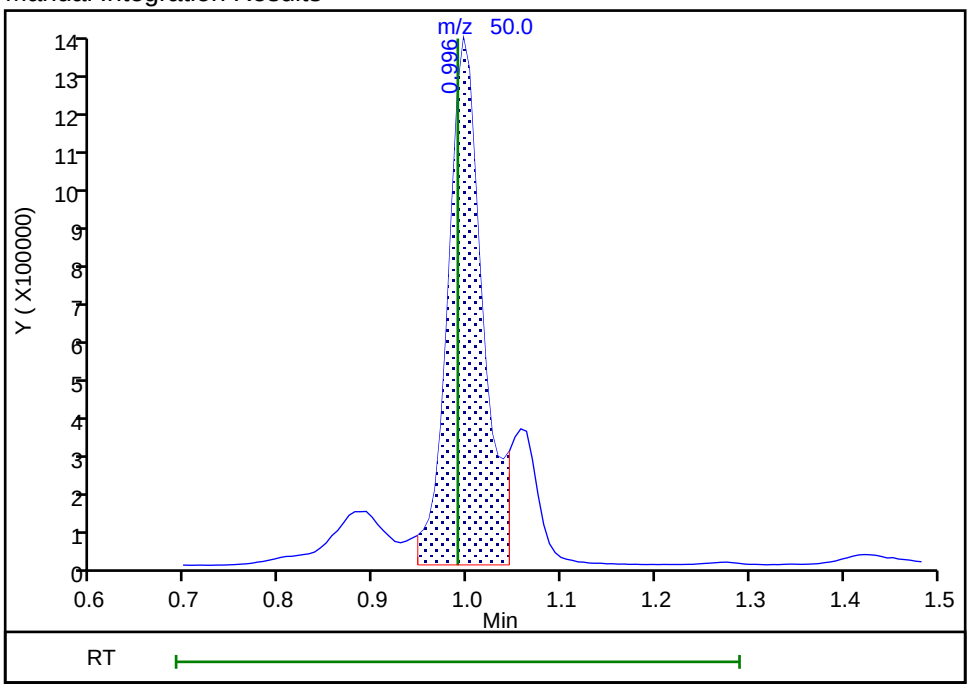
Processing Integration Results

RT: 1.00
Area: 4038167
Amount: 542.2010
Amount Units: ug/l



Manual Integration Results

RT: 1.00
Area: 3428022
Amount: 518.0877
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:14:43
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

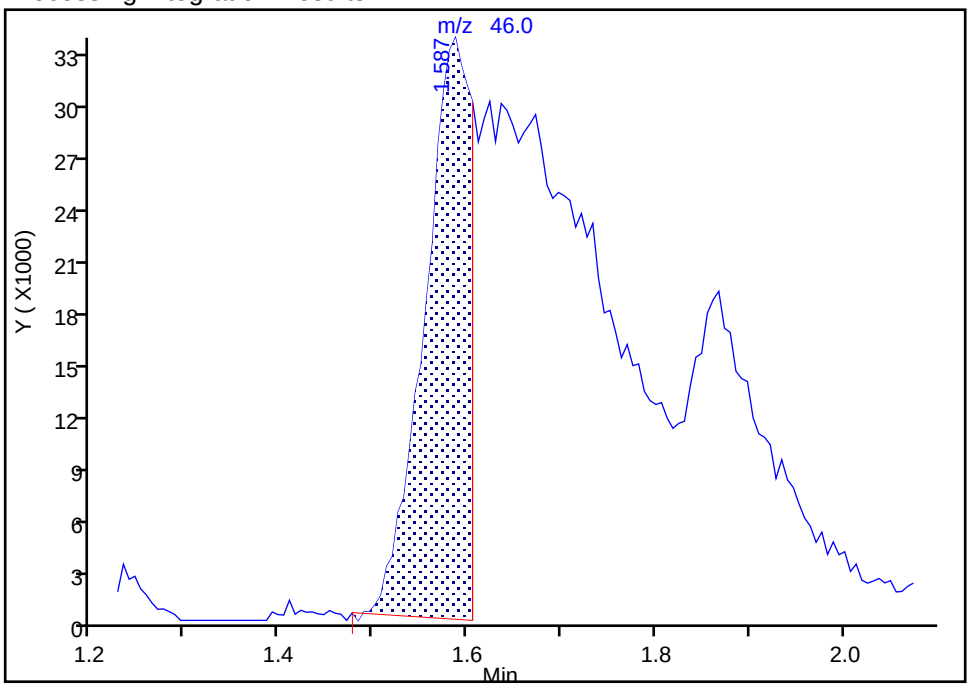
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

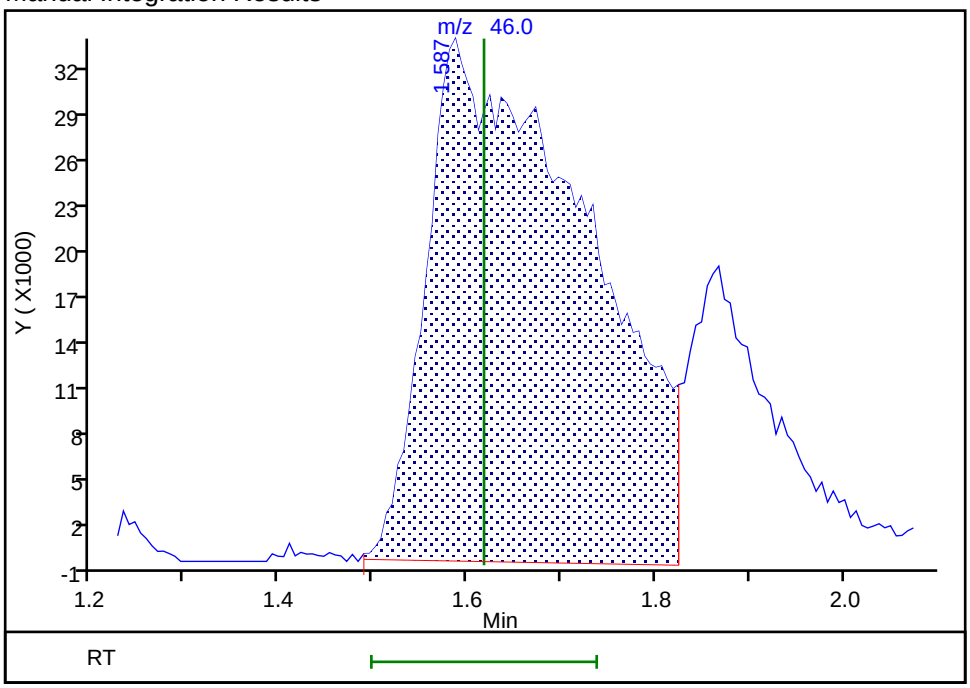
Processing Integration Results

RT: 1.59
Area: 115974
Amount: 6988.0930
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 404178
Amount: 18863
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:44:00
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

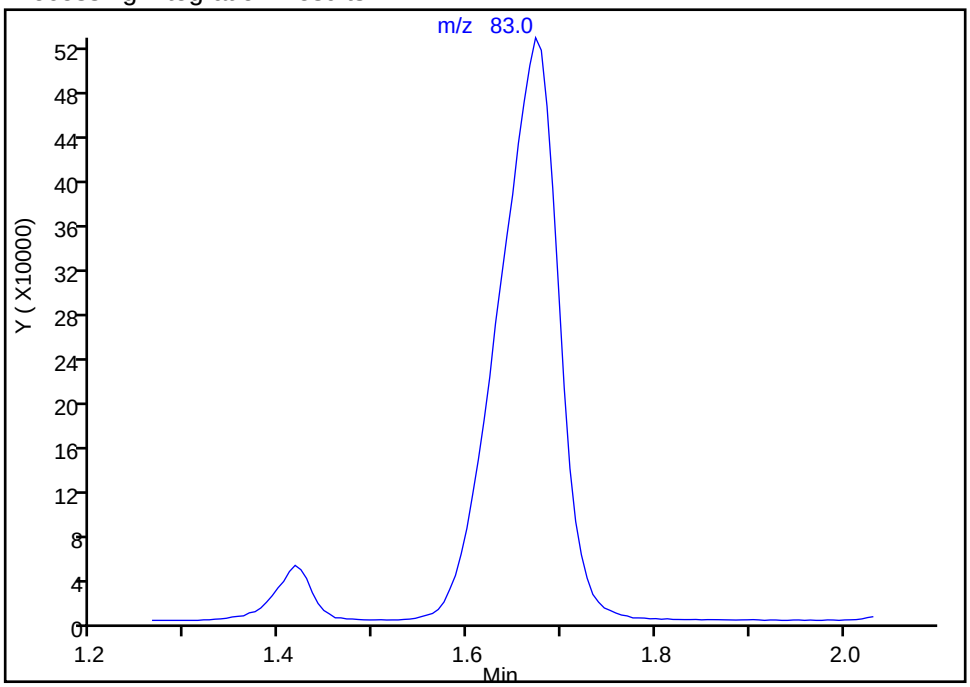
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

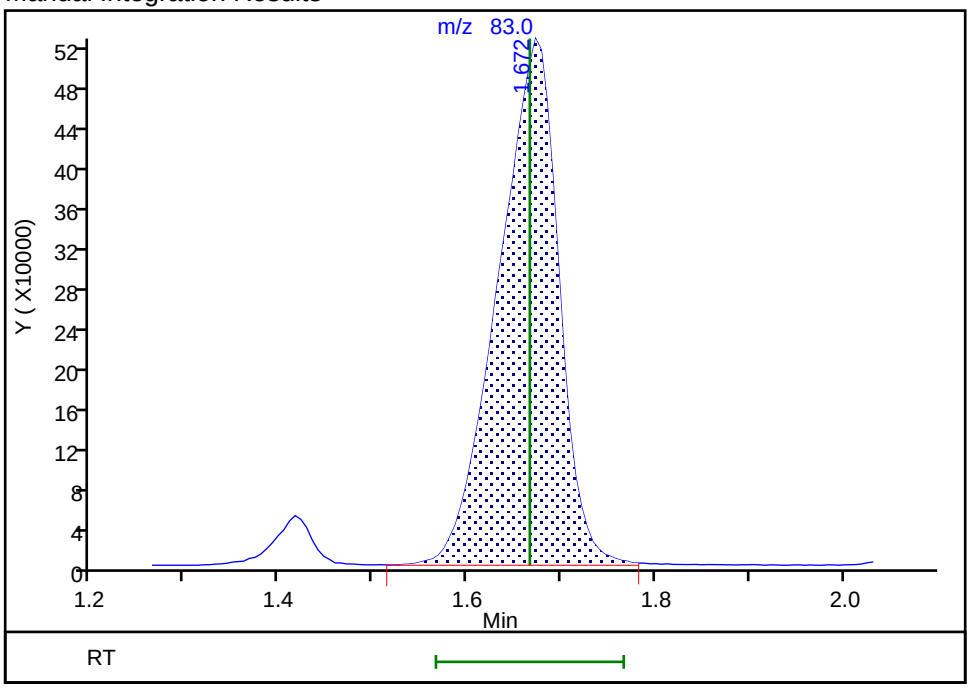
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Expected RT: 1.67

Processing Integration Results



Manual Integration Results

RT: 1.67
Area: 2361804
Amount: 455.4587
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:15:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

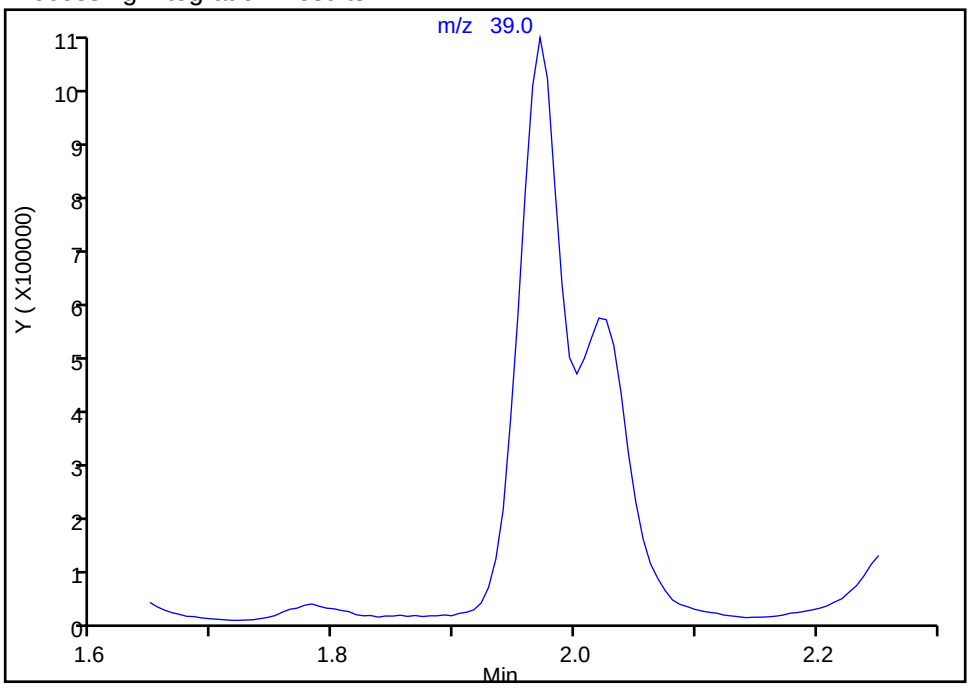
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

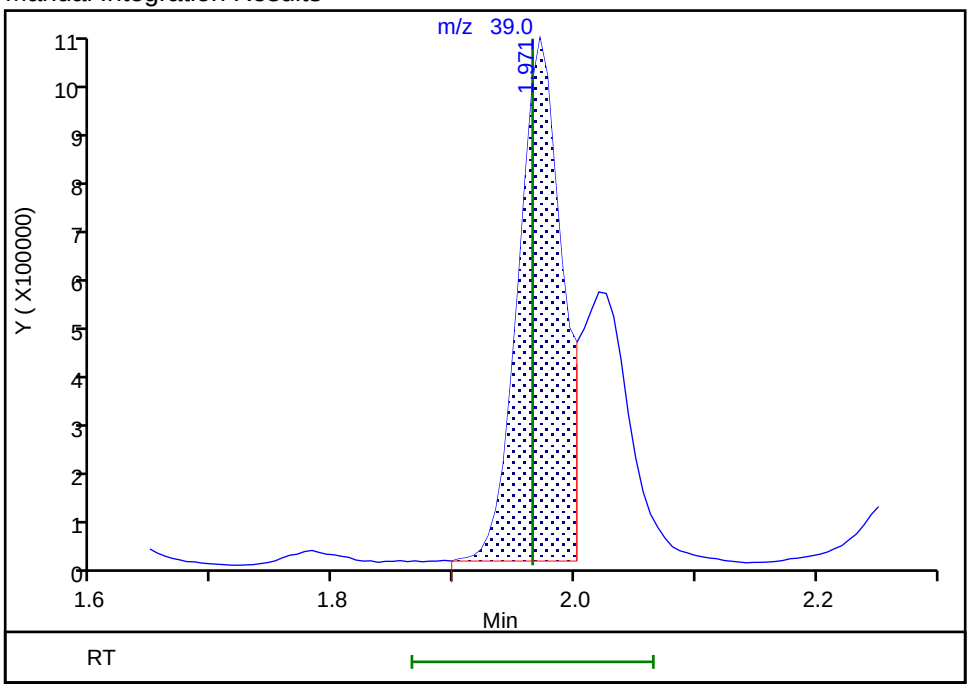
Not Detected
Expected RT: 1.96

Processing Integration Results



Manual Integration Results

RT: 1.97
Area: 2620958
Amount: 436.0399
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:15:18
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

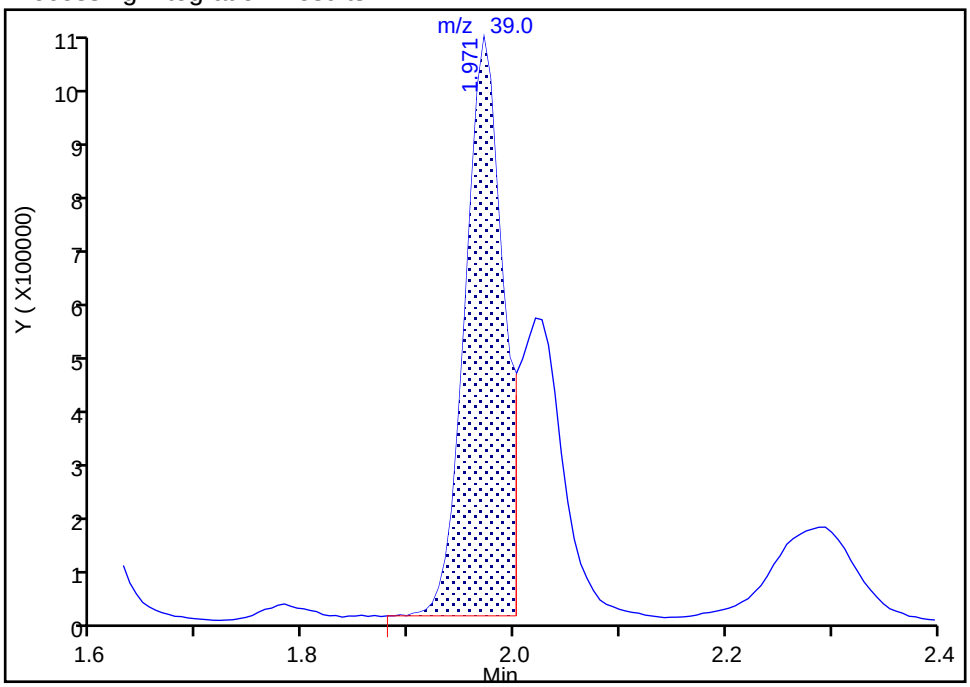
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

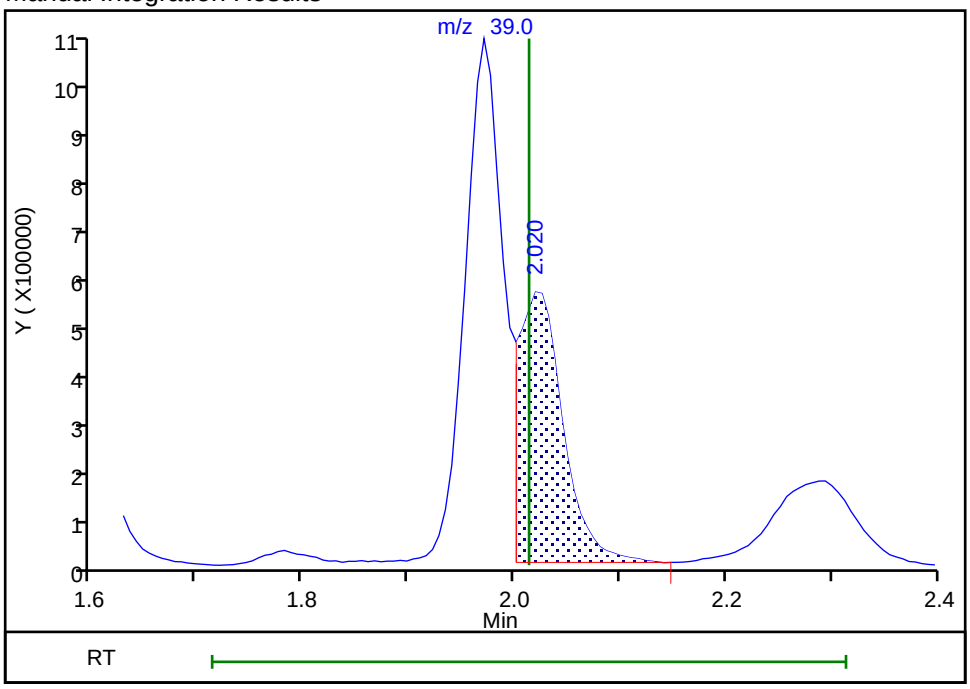
Processing Integration Results

RT: 1.97
Area: 2623008
Amount: 5003.2497
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 1567809
Amount: 4314.1699
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:15:27
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

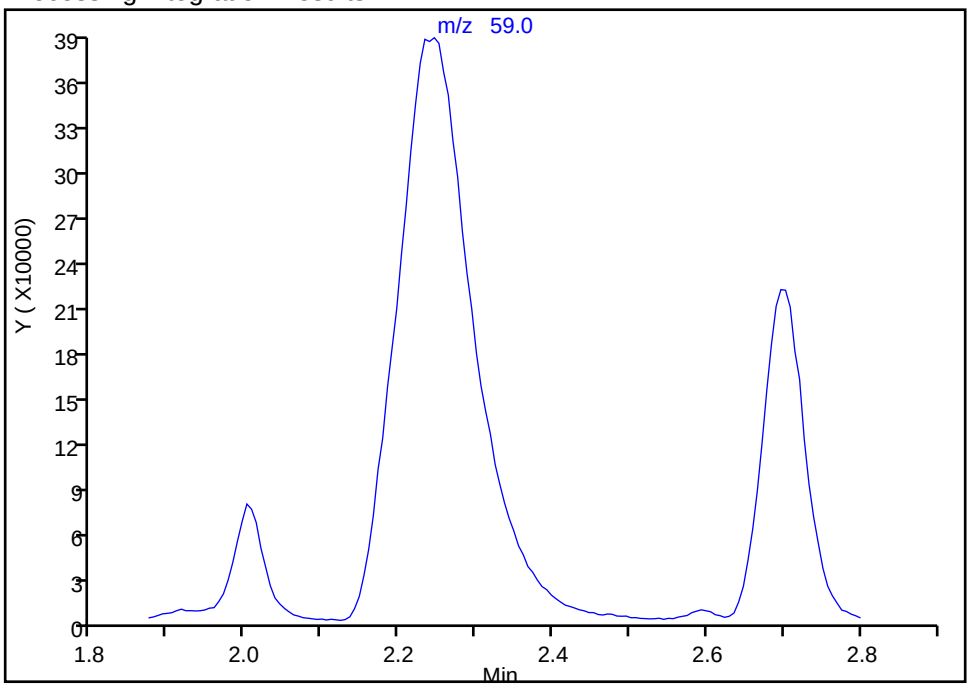
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

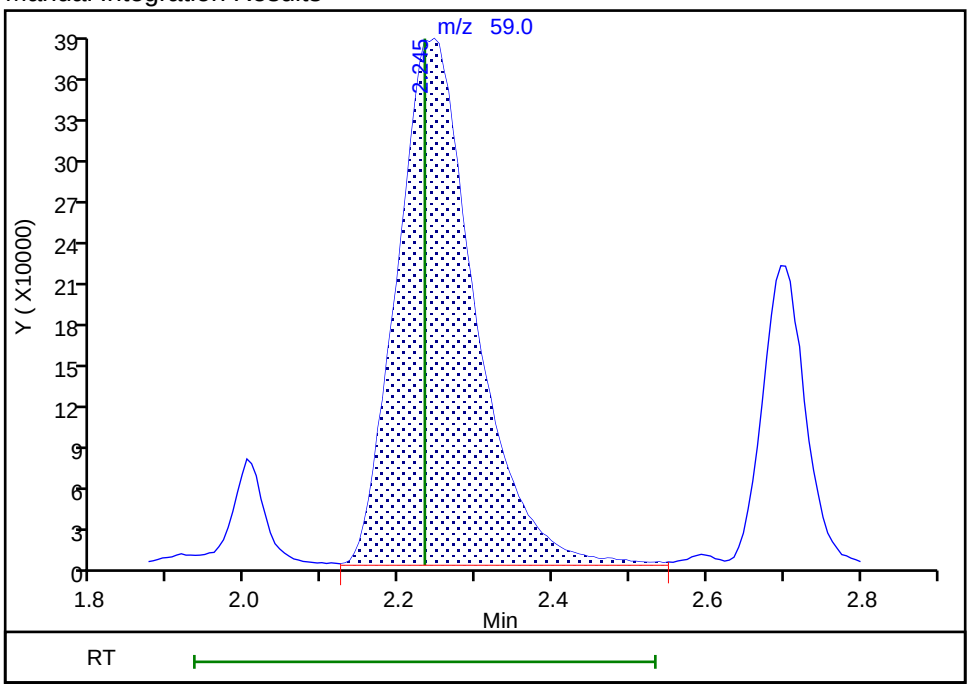
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 2679276
Amount: 4832.2099
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:15:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

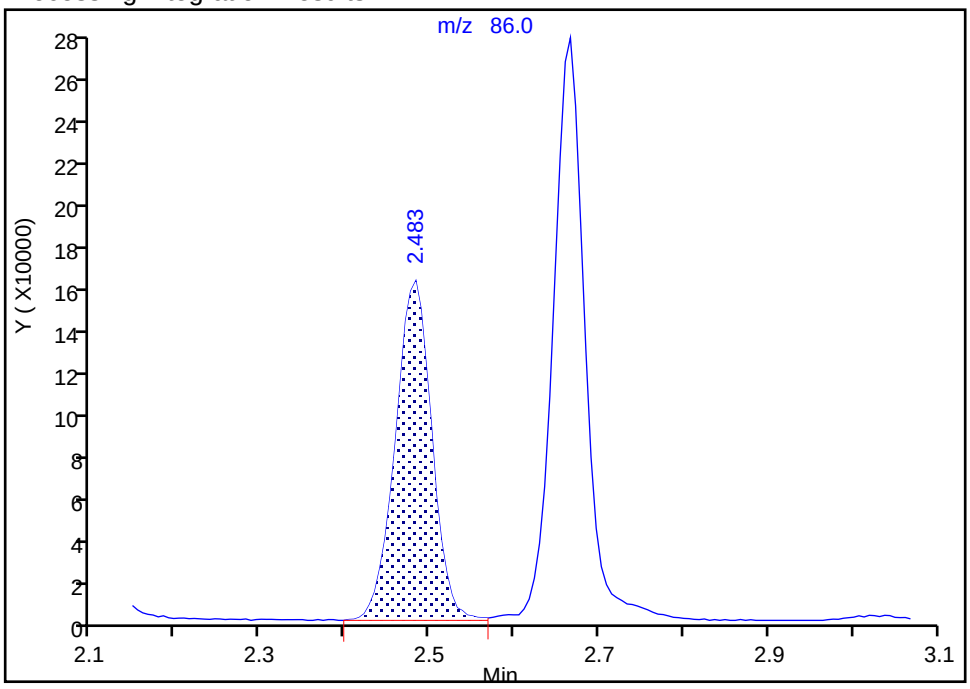
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Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

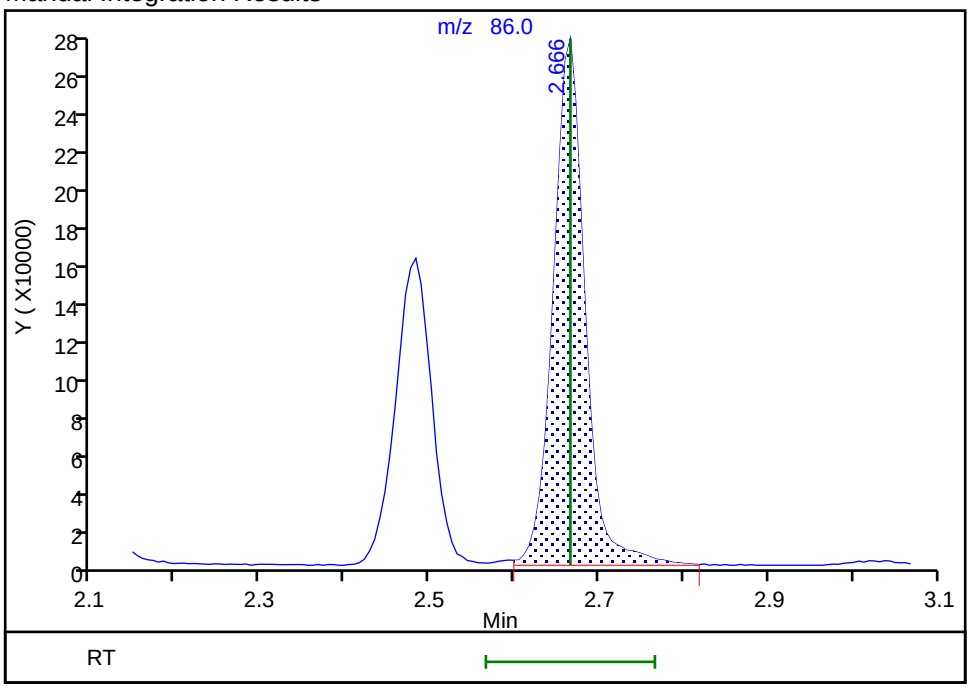
Processing Integration Results

RT: 2.48
Area: 472297
Amount: 995.9784
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 709340
Amount: 1148.2781
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:44:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

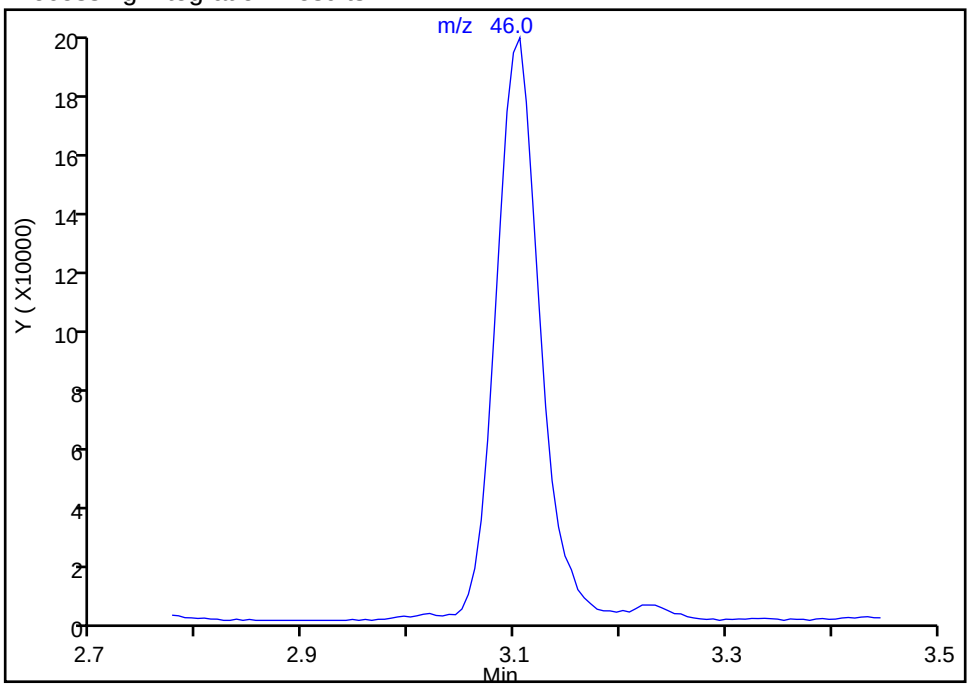
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

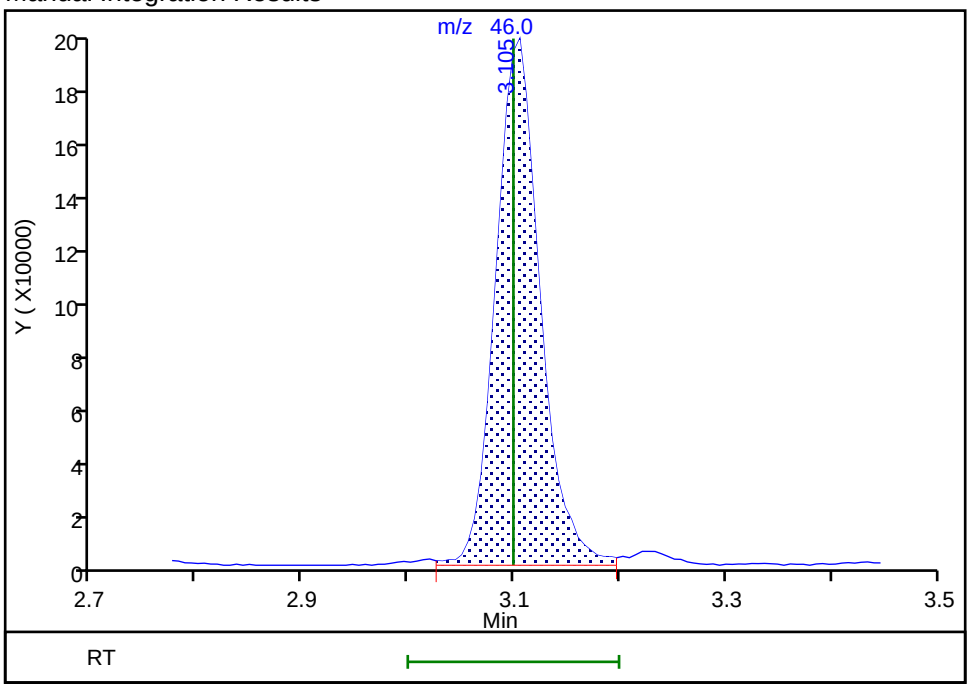
Not Detected
Expected RT: 3.10

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 568370
Amount: 250.0000
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:14:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

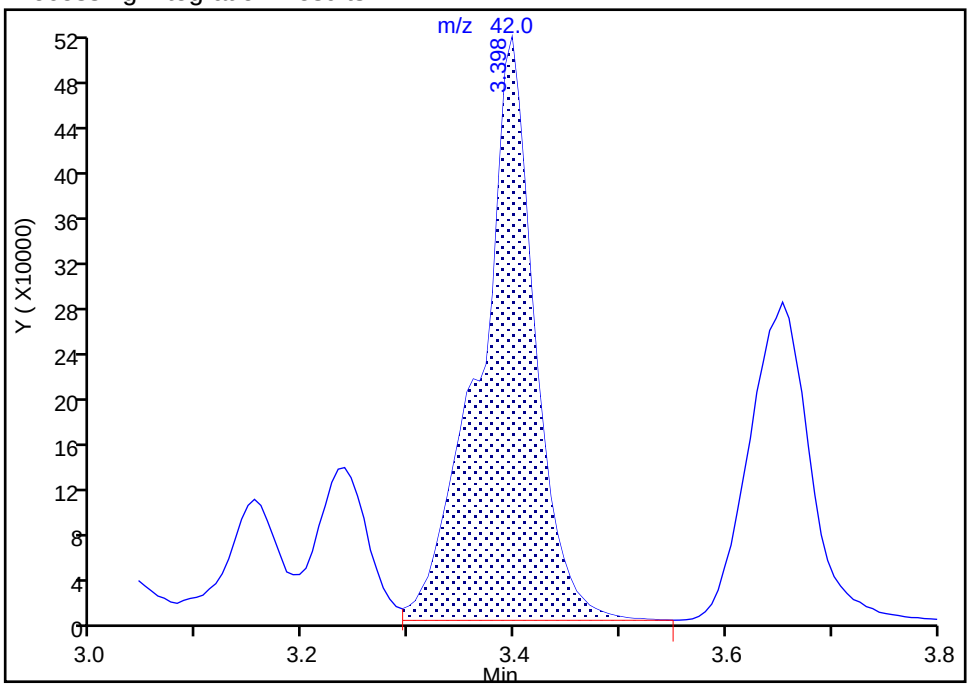
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Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

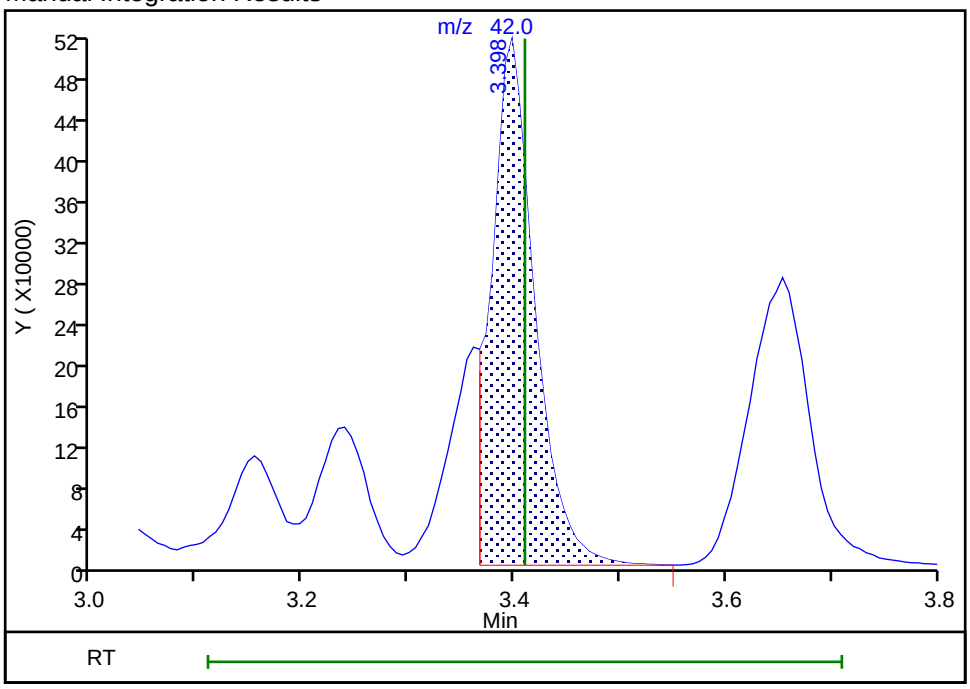
Processing Integration Results

RT: 3.40
Area: 1878098
Amount: 1156.1454
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 1479560
Amount: 949.6382
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:44:50
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

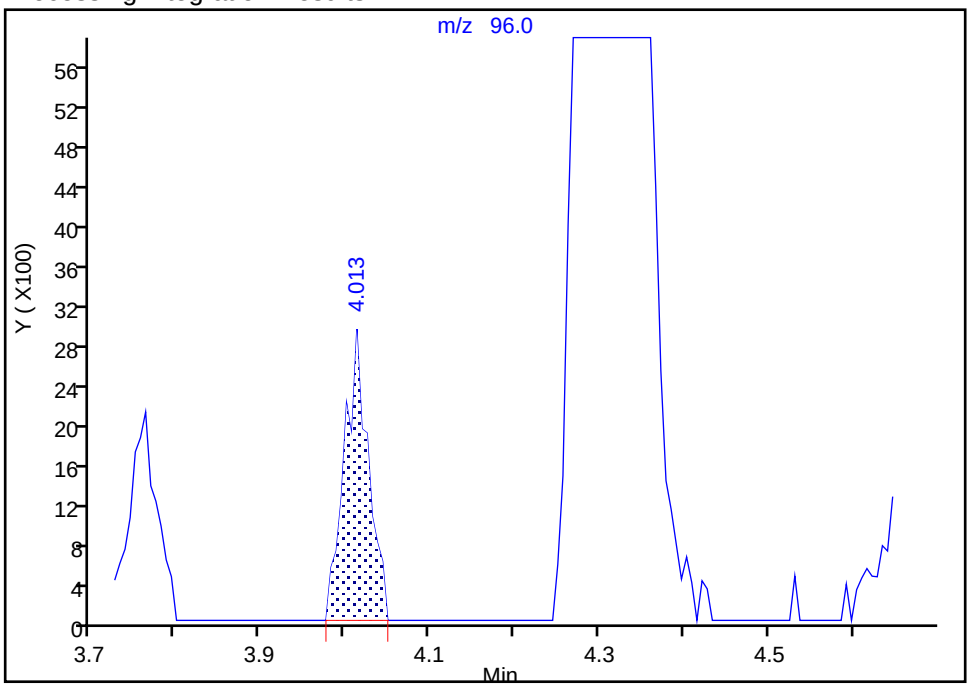
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92948.D
Injection Date: 12-Oct-2022 20:12:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

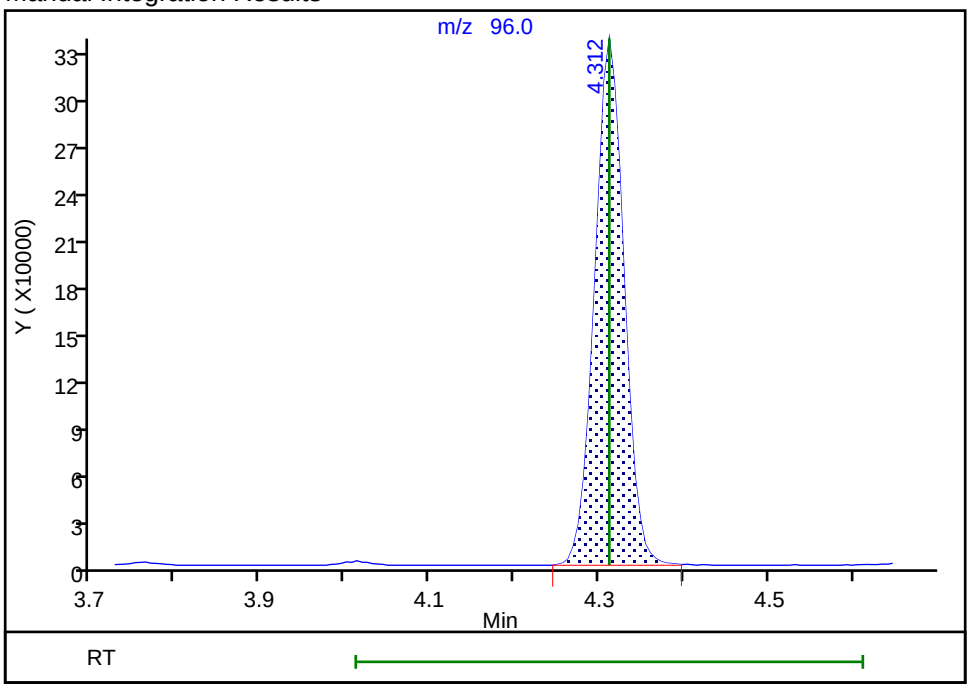
Processing Integration Results

RT: 4.01
Area: 5706
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 4.31
Area: 817379
Amount: 50.000000
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 03:14:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 13-Oct-2022 04:16:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0151643-019
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 17:14:54 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: N1JZ Date: 13-Oct-2022 05:04:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.794	0.794	0.000	1	0	1.00	0	M
2 1,1-Difluoroethane	51	0.855	0.874	-0.019	76	10377	1.00	1.27	M
3 Dichlorodifluoromethane	85	0.886	0.886	0.000	44	4367	1.00	0.9866	a
4 Chlorodifluoromethane	67	0.880	0.886	-0.006	92	394	1.00	0.6698	M
5 Chloromethane	50	0.983	0.990	-0.007	96	7591	1.00	1.02	
7 Vinyl chloride	62	1.038	1.044	-0.006	94	4511	1.00	1.17	
6 Butadiene	54	1.038	1.050	-0.012	86	4696	1.00	1.15	M
8 Bromomethane	94	1.227	1.239	-0.012	88	2366	1.00	1.14	
9 Chloroethane	64	1.264	1.264	0.000	31	2889	1.00	0.9797	a
10 Dichlorofluoromethane	67	1.404	1.404	0.000	93	7151	1.00	1.28	
12 Pentane	43	1.434	1.441	-0.007	96	14584	2.00	2.45	
11 Trichlorofluoromethane	101	1.434	1.447	-0.013	42	4642	1.00	1.23	M
13 Ethyl ether	59	1.581	1.581	0.000	90	2688	1.00	1.08	
15 2-Methyl-1,3-butadiene	53	1.581	1.587	-0.006	91	3732	1.00	1.16	
14 Ethanol	46	1.581	1.617	-0.036	52	125	40.0	7.21	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.611	1.624	-0.013	74	2626	1.00	1.18	M
18 Acrolein	56	1.660	1.660	0.000	96	51232	100.0	119.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.654	1.666	-0.012	43	4680	1.00	1.15	M
19 1,1-Dichloroethene	96	1.709	1.721	-0.012	87	2746	1.00	1.14	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.764	1.758	0.006	66	2457	1.00	0.9730	
21 Acetone	43	1.776	1.776	0.000	77	9304	5.00	5.18	
22 Iodomethane	142	1.812	1.819	-0.007	91	4048	1.00	0.9796	
23 Carbon disulfide	76	1.849	1.861	-0.012	98	10695	1.00	1.12	
24 Isopropyl alcohol	45	1.916	1.910	0.006	14	3817	10.0	12.7	Ma
25 3-Chloro-1-propene	39	1.965	1.965	0.000	91	5915	1.00	1.25	
26 Methyl acetate	43	1.995	1.995	0.000	98	5858	2.00	2.21	
27 Acetonitrile	39	2.008	2.014	-0.006	52	3829	10.0	13.0	
28 Methylene Chloride	84	2.050	2.056	-0.006	95	3665	1.00	1.16	
* 29 TBA-d9 (IS)	65	2.154	2.166	-0.012	0	415337	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.221	2.233	-0.012	40	4990	10.0	11.1	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.239	2.251	-0.012	91	15180	10.0	11.1	M
32 trans-1,2-Dichloroethene	96	2.257	2.258	-0.001	91	3008	1.00	0.99	
33 Methyl tert-butyl ether	73	2.282	2.294	-0.012	48	10071	1.00	1.09	
34 Hexane	57	2.483	2.483	0.000	92	6079	1.00	1.04	a
35 1,1-Dichloroethane	63	2.581	2.593	-0.012	89	7996	1.00	1.18	
36 Vinyl acetate	86	2.654	2.666	-0.012	100	867	2.00	1.72	Ma
37 2-Chloro-1,3-butadiene	88	2.654	2.666	-0.012	56	2208	1.00	0.8295	
38 Isopropyl ether	45	2.684	2.690	-0.006	67	15707	1.00	1.11	
39 Tert-butyl ethyl ether	87	3.013	3.014	-0.001	85	3622	1.00	0.99	
* 40 2-Butanone-d5	46	3.093	3.099	-0.006	0	464274	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.093	3.099	-0.006	28	3601	1.00	1.07	
42 2,2-Dichloropropane	79	3.105	3.105	0.000	44	1737	1.00	1.17	a
43 2-Butanone (MEK)	72	3.148	3.160	-0.012	30	1727	5.00	4.82	a
44 Propionitrile	54	3.209	3.202	0.007	91	5918	10.0	11.3	M
45 Ethyl acetate	43	3.227	3.227	0.000	30	8726	2.00	2.17	a
62 Methyl acrylate	55	3.245	3.245	0.000	29	4122	1.00	1.06	a
46 Chlorobromomethane	128	3.318	3.324	-0.006	89	1397	1.00	0.9688	
47 Methacrylonitrile	67	3.343	3.343	0.000	96	13581	10.0	10.5	
48 Tetrahydrofuran	42	3.416	3.410	0.006	44	2549	2.00	2.00	a
49 Chloroform	83	3.422	3.422	0.000	94	6657	1.00	1.20	
$ 50 Dibromofluoromethane (Surr)	113	3.580	3.587	-0.007	96	155230	50.0	50.8	
51 1,1,1-Trichloroethane	97	3.580	3.593	-0.013	36	4282	1.00	1.03	
52 Cyclohexane	84	3.641	3.635	0.006	67	4970	1.00	1.03	M
53 Carbon tetrachloride	117	3.757	3.757	0.000	73	3452	1.00	1.02	
54 1,1-Dichloropropene	75	3.751	3.757	-0.006	88	4344	1.00	1.00	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	197789	50.0	51.5	
56 Benzene	78	3.977	3.977	0.000	93	14514	1.00	1.11	
57 1,2-Dichloroethane	62	4.007	4.013	-0.006	92	4662	1.00	1.09	
58 Isobutyl alcohol	42	4.044	4.044	0.000	28	2356	25.0	18.6	
59 Tert-amyl methyl ether	73	4.172	4.166	0.006	73	10238	1.00	0.9615	
73 Isopropyl acetate	61	4.172	4.178	-0.006	91	657	1.00	1.01	M
* 60 Fluorobenzene	96	4.306	4.312	-0.006	97	643794	50.0	50.0	
61 n-Heptane	43	4.349	4.355	-0.006	89	8258	1.00	1.15	a
63 Trichloroethene	95	4.751	4.757	-0.006	92	3322	1.00	1.11	
64 n-Butanol	43	4.867	4.855	0.012	27	1558	25.0	23.3	M
65 Methylcyclohexane	83	4.983	4.983	0.000	80	5270	1.00	0.9370	
66 Ethyl acrylate	55	4.989	4.983	0.006	91	9545	1.00	1.01	
67 1,2-Dichloropropane	63	5.025	5.031	-0.006	87	4077	1.00	1.08	
68 Dibromomethane	93	5.165	5.178	-0.013	45	1779	1.00	1.08	
* 69 1,4-Dioxane-d8	96	5.220	5.214	0.006	0	27955	1000.0	1000.0	
71 Methyl methacrylate	100	5.293	5.300	-0.007	88	957	2.00	1.59	
70 1,4-Dioxane	88	5.293	5.312	-0.019	33	405	20.0	13.4	M
81 n-Propyl acetate	43	5.422	5.415	0.007	94	5294	1.00	1.03	a
72 Dichlorobromomethane	83	5.434	5.434	0.000	87	3742	1.00	0.9854	
74 2-Nitropropane	41	5.787	5.781	0.006	53	1088	2.00	1.59	M
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	79	1630	1.00	0.8220	a
76 Epichlorohydrin	57	5.982	5.976	0.006	94	6718	20.0	19.9	a
77 cis-1,3-Dichloropropene	75	6.080	6.086	-0.006	92	4733	1.00	0.9718	
78 4-Methyl-2-pentanone (MIBK)	43	6.403	6.403	0.000	94	21990	5.00	5.79	a
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	97	632621	50.0	49.8	
80 Toluene	91	6.555	6.562	-0.007	92	13617	1.00	1.09	
82 trans-1,3-Dichloropropene	75	6.988	6.988	0.000	92	3674	1.00	0.9212	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.250	7.257	-0.007	86	3080	1.00	0.8766	
83 1,1,2-Trichloroethane	83	7.263	7.263	0.000	82	1951	1.00	0.9611	
85 Tetrachloroethene	166	7.421	7.427	-0.006	90	2251	1.00	0.8936	
86 1,3-Dichloropropane	76	7.525	7.525	0.000	87	4301	1.00	1.01	
87 2-Hexanone	43	7.811	7.799	0.012	96	11304	5.00	4.73	a
88 Chlorodibromomethane	129	7.878	7.885	-0.006	1	2002	1.00	0.8862	
89 Ethylene Dibromide	107	8.006	8.013	-0.007	75	2472	1.00	1.12	
90 n-Butyl acetate	43	8.116	8.110	0.006	92	5103	1.00	0.9574	a
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	91	422465	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	96	7775	1.00	1.07	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	82	2367	1.00	0.9700	
94 Ethylbenzene	106	9.201	9.201	0.000	98	4064	1.00	1.02	
95 m-Xylene & p-Xylene	106	9.427	9.421	0.006	0	4412	1.00	0.9273	M
96 o-Xylene	106	10.073	10.073	0.000	93	4383	1.00	0.9304	
97 Styrene	104	10.116	10.110	0.006	91	6933	1.00	0.9032	
98 n-Butyl acrylate	73	10.238	10.244	-0.006	97	1592	1.00	0.8278	
99 Bromoform	173	10.347	10.347	0.000	1	1109	1.00	0.8025	a
101 Amyl acetate (mixed isomers)	43	10.670	10.664	0.006	88	5107	1.00	0.8954	
102 Isopropylbenzene	105	10.738	10.732	0.006	95	11501	1.00	0.9436	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	85	162366	50.0	49.4	
104 Bromobenzene	156	11.097	11.103	-0.006	92	3188	1.00	1.10	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.280	0.006	86	3210	1.00	0.99	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	82	489	1.00	1.00	
107 trans-1,4-Dichloro-2-butene	53	11.384	11.378	0.006	1	1082	1.00	1.04	
108 N-Propylbenzene	120	11.408	11.408	0.000	98	3073	1.00	0.9565	
109 2-Chlorotoluene	126	11.469	11.463	0.006	94	2660	1.00	0.9472	
110 4-Ethyltoluene	105	11.609	11.609	0.000	97	11630	1.00	0.9594	
111 4-Chlorotoluene	91	11.658	11.658	0.000	97	9979	1.00	1.03	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	91	9696	1.00	0.9505	
100 Butyl Methacrylate	87	12.085	12.079	0.006	87	2463	1.00	0.7865	
113 tert-Butylbenzene	119	12.286	12.286	0.000	92	7297	1.00	0.9126	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	95	10052	1.00	0.9573	
115 sec-Butylbenzene	105	12.707	12.707	0.000	97	11419	1.00	0.8782	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	89	5767	1.00	1.03	
* 117 1,4-Dichlorobenzene-d4	152	12.883	12.884	-0.001	97	224753	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	91	6662	1.00	1.15	
119 4-Isopropyltoluene	119	12.944	12.944	0.000	97	10778	1.00	0.9739	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	98	10788	1.00	0.9662	
121 Benzyl chloride	126	13.103	13.103	0.000	97	924	1.00	1.00	
122 2,3-Dihydroindene	117	13.200	13.201	-0.001	93	9618	1.00	0.9138	a
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	92	6159	1.00	1.10	
124 p-Diethylbenzene	119	13.347	13.347	0.000	92	5899	1.00	0.9845	
125 n-Butylbenzene	92	13.365	13.365	0.000	95	6179	1.00	0.9527	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	7	664	1.00	1.10	a
127 1,2,4,5-Tetramethylbenzene	119	13.944	13.938	0.006	96	8871	1.00	0.8554	
128 1,3,5-Trichlorobenzene	180	14.072	14.066	0.006	92	5141	1.00	1.10	
129 1,2,4-Trichlorobenzene	180	14.444	14.444	0.000	91	5171	1.00	1.21	
130 Hexachlorobutadiene	225	14.560	14.554	0.006	87	2164	1.00	1.06	
131 Naphthalene	128	14.578	14.572	0.006	98	10621	1.00	1.05	
132 1,2,3-Trichlorobenzene	180	14.712	14.706	0.006	92	4747	1.00	1.17	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.06	
S 134 1,3-Dichloropropene, Total	100				0		2.00	1.89	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		2.00	1.86	
S 136 Total BTEX	1				0		5.00	5.08	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00497	Amount Added:	1.00	Units: uL	
524freon_00058	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	1.00	Units: uL	
ACROLEIN W_00145	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Oct-2022 17:14:56 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2 Operator ID:

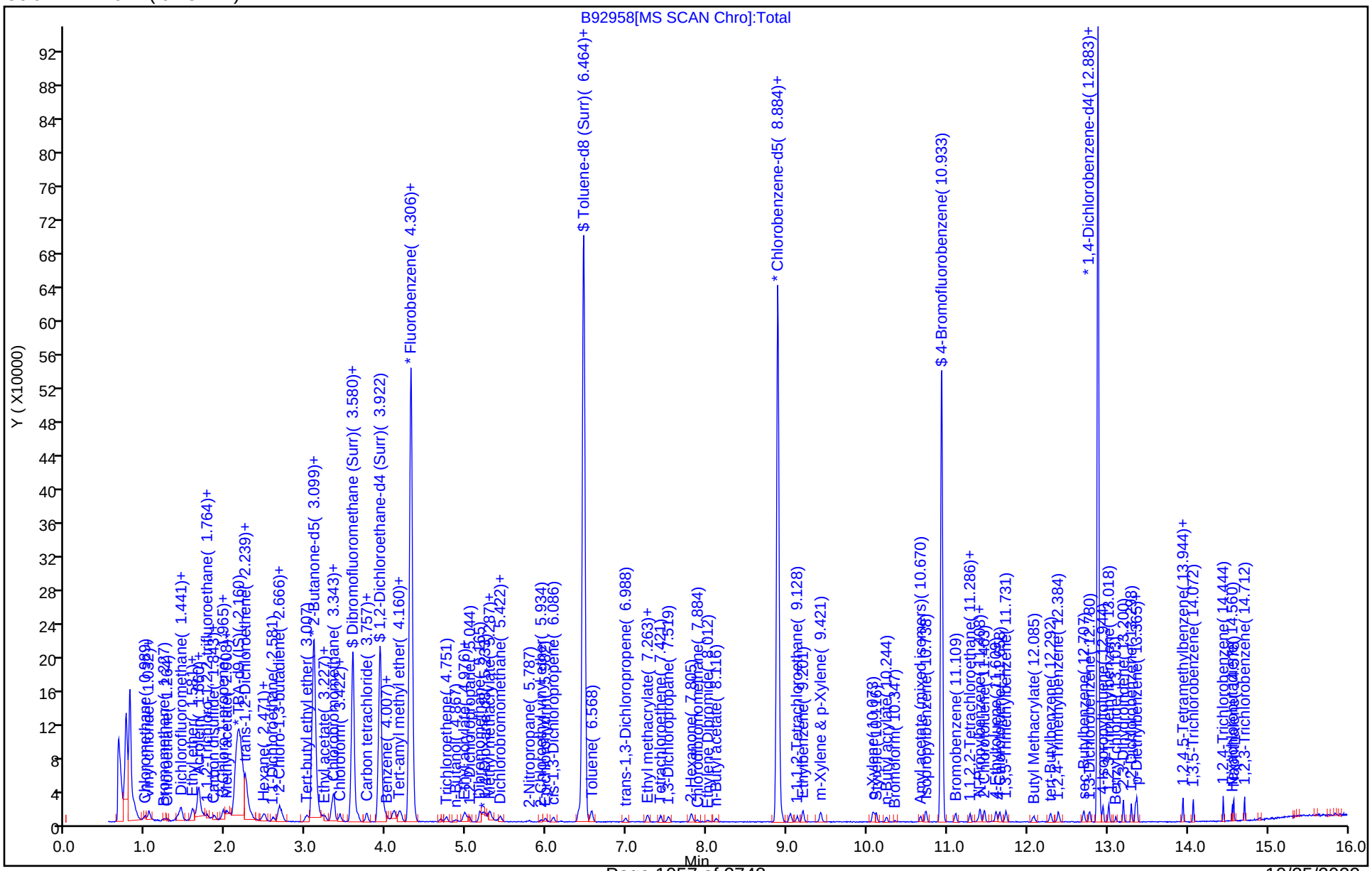
Lims ID: STD1 Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 19

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

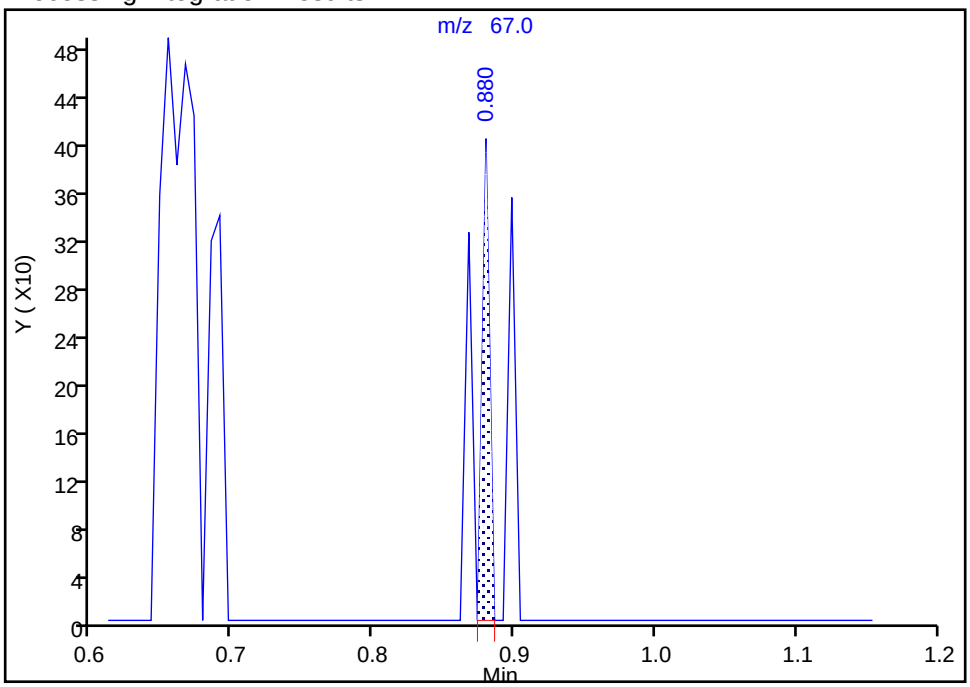
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

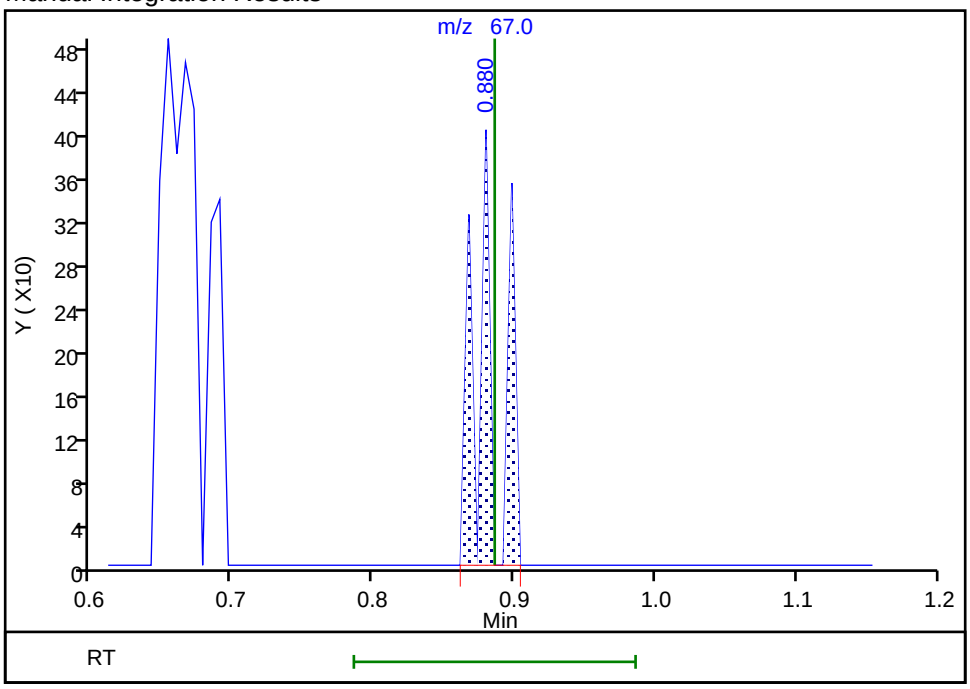
Processing Integration Results

RT: 0.88
Area: 147
Amount: 0.241240
Amount Units: ug/l



Manual Integration Results

RT: 0.88
Area: 394
Amount: 0.669753
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:45:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

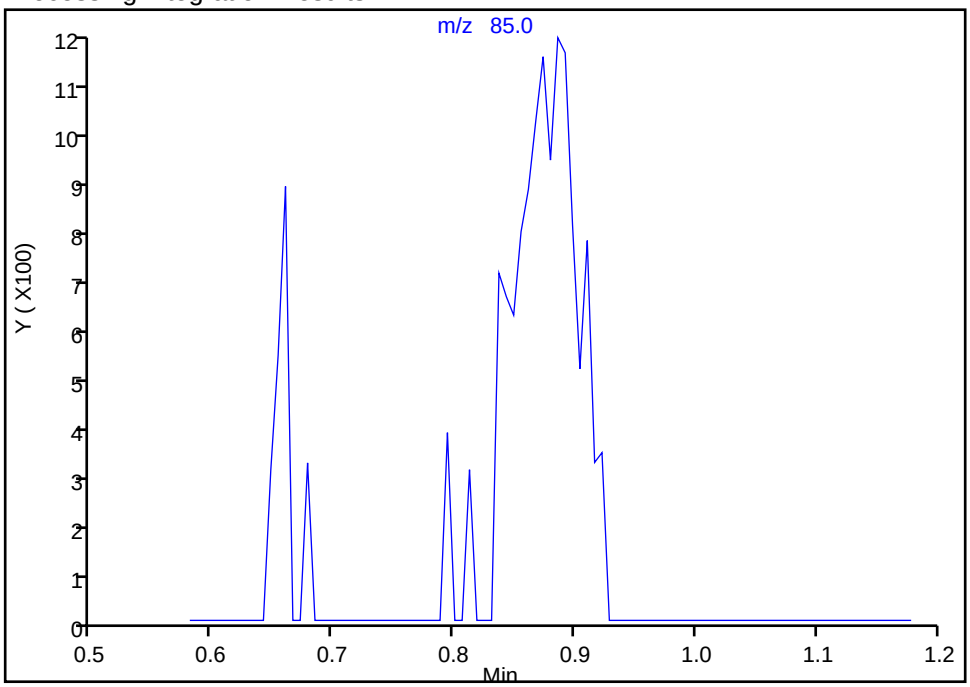
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

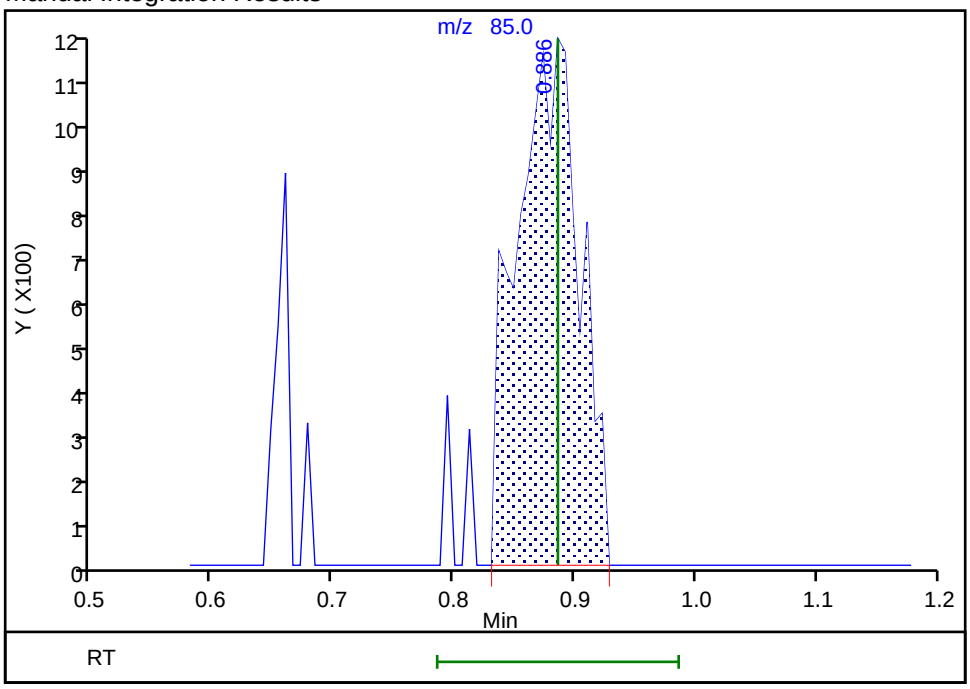
Not Detected
Expected RT: 0.89

Processing Integration Results



Manual Integration Results

RT: 0.89
Area: 4367
Amount: 0.986590
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 04:58:28
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

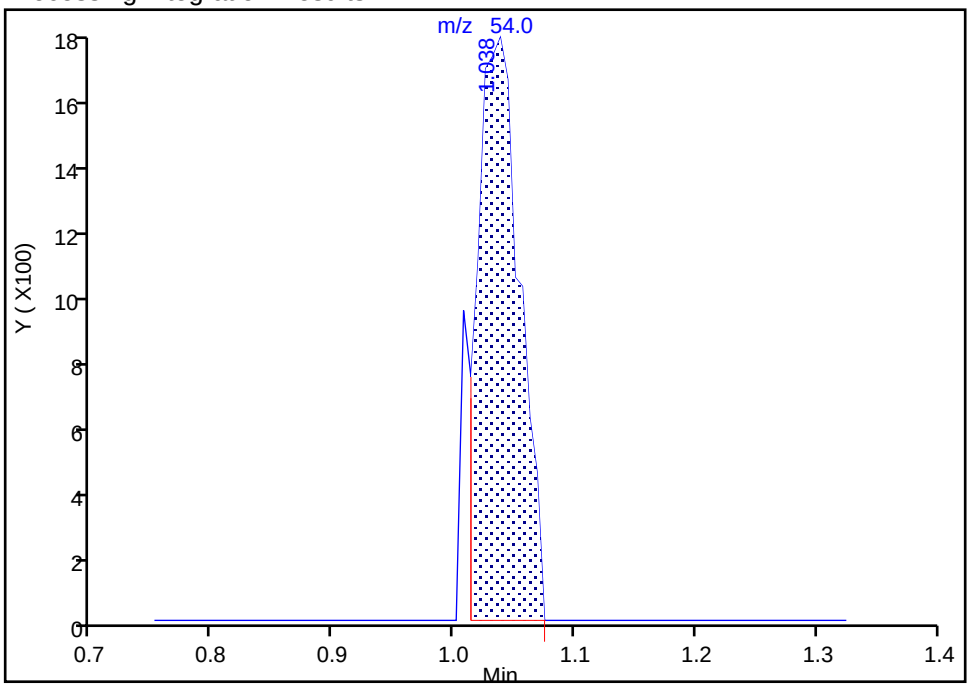
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Signal: 1

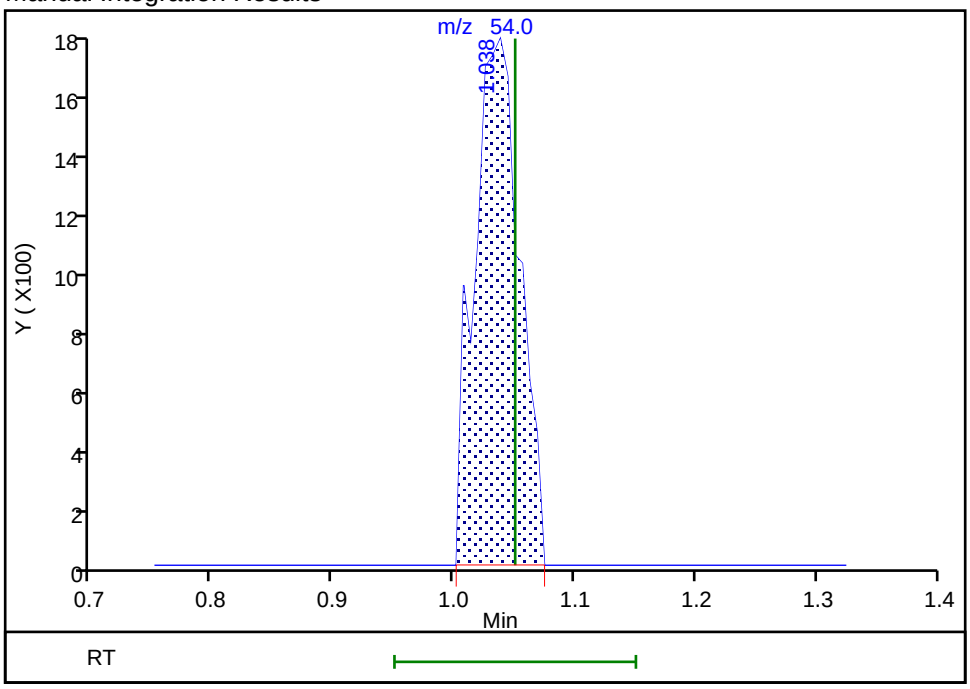
Processing Integration Results

RT: 1.04
Area: 4352
Amount: 1.080809
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 4696
Amount: 1.149868
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:46:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

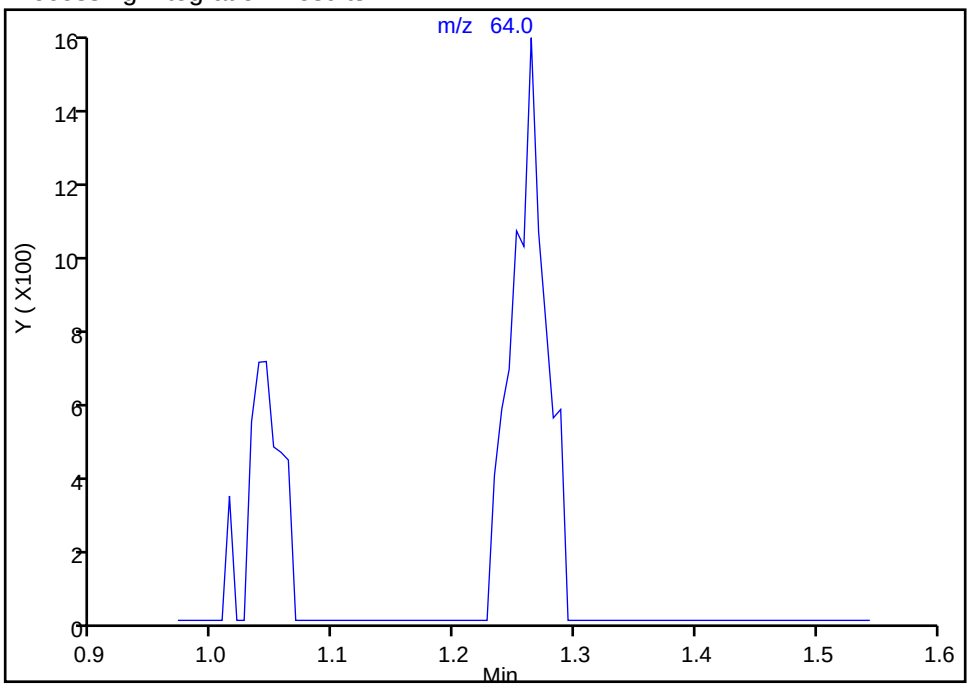
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Chloroethane, CAS: 75-00-3

Signal: 1

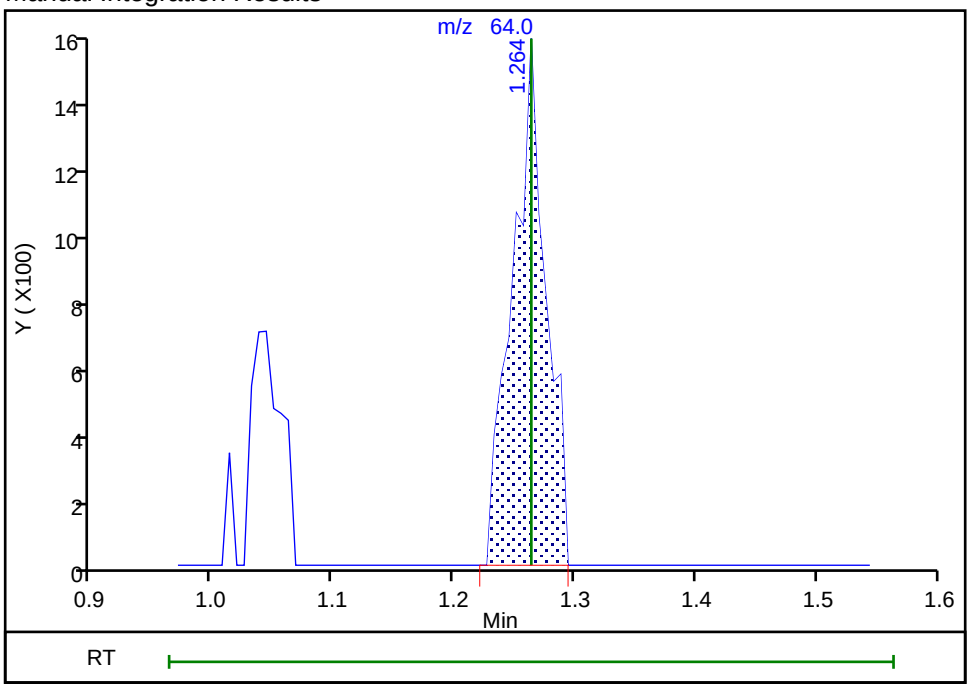
Not Detected
Expected RT: 1.26

Processing Integration Results



Manual Integration Results

RT: 1.26
Area: 2889
Amount: 0.979707
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 04:58:50
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

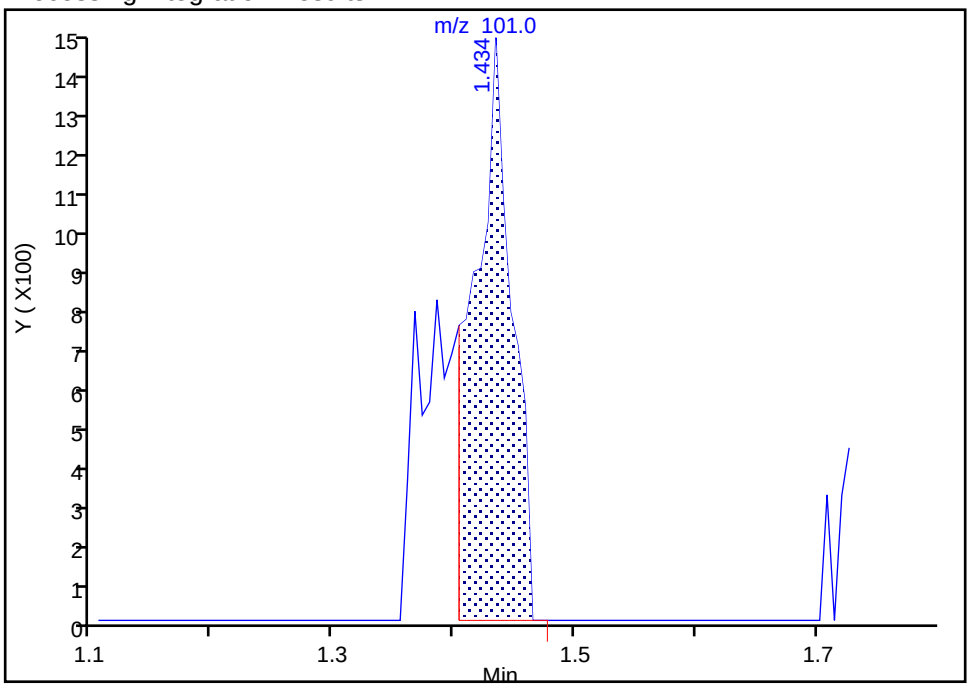
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

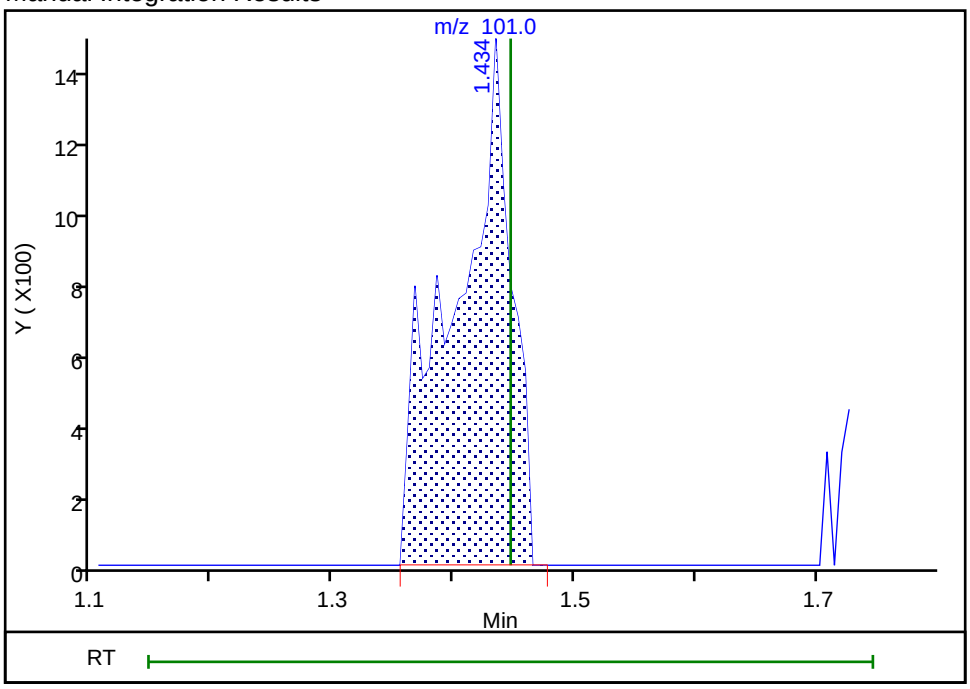
Processing Integration Results

RT: 1.43
Area: 3127
Amount: 0.891341
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 4642
Amount: 1.234346
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:46:12
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

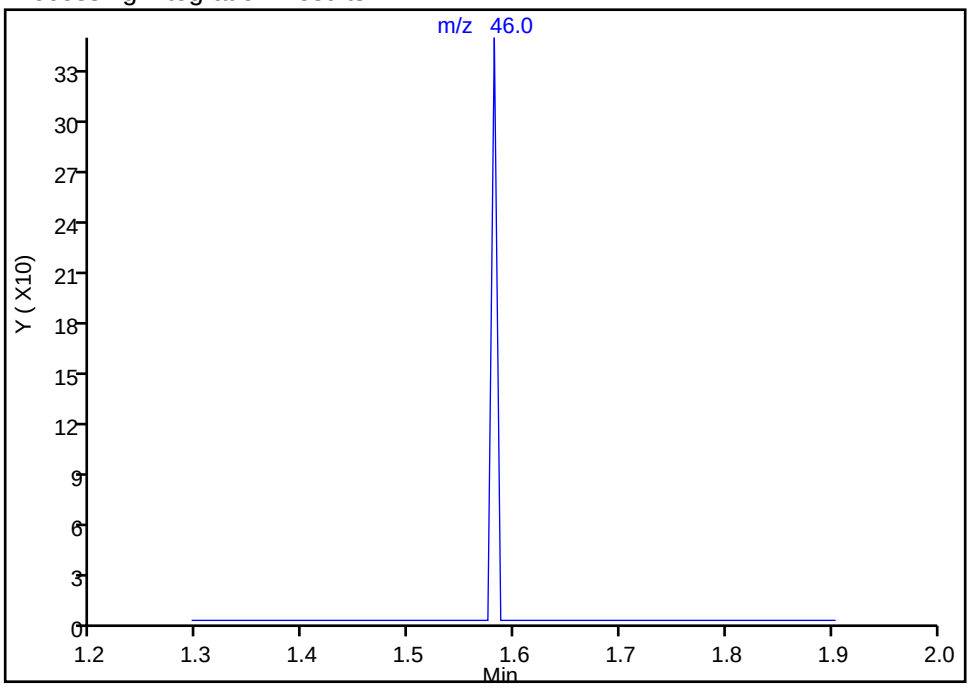
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

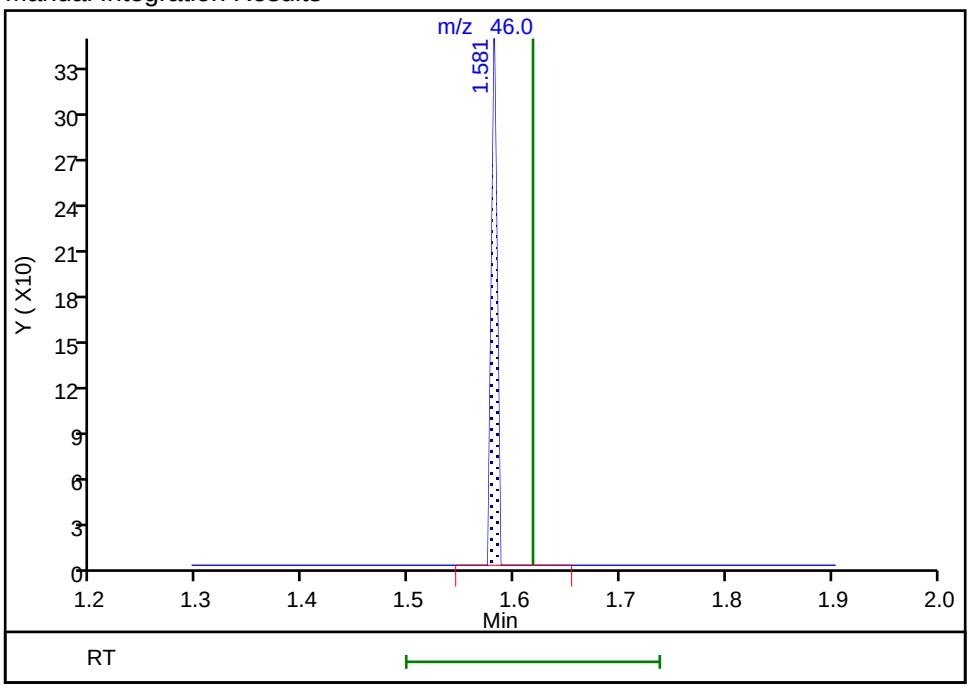
Not Detected
Expected RT: 1.62

Processing Integration Results



Manual Integration Results

RT: 1.58
Area: 125
Amount: 7.210140
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 04:59:15
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

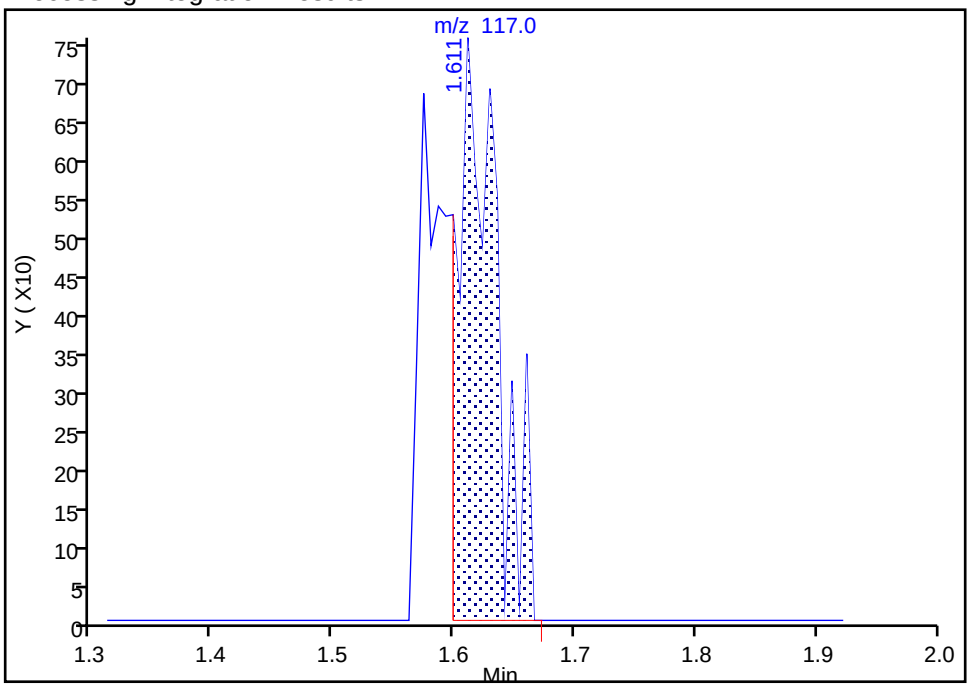
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

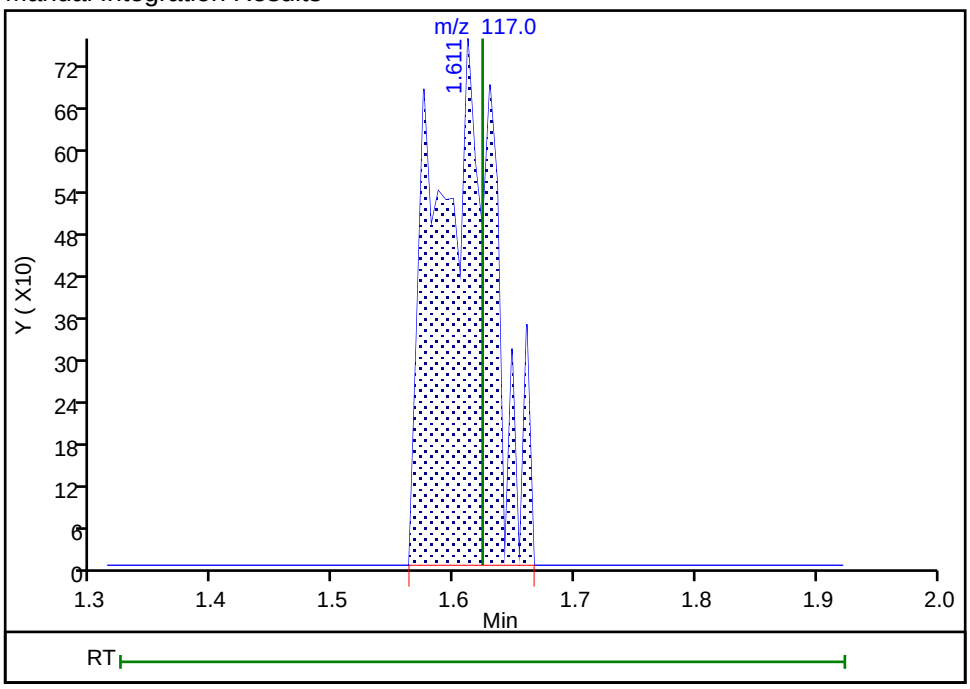
Processing Integration Results

RT: 1.61
Area: 1693
Amount: 0.815451
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 2626
Amount: 1.176707
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:46:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

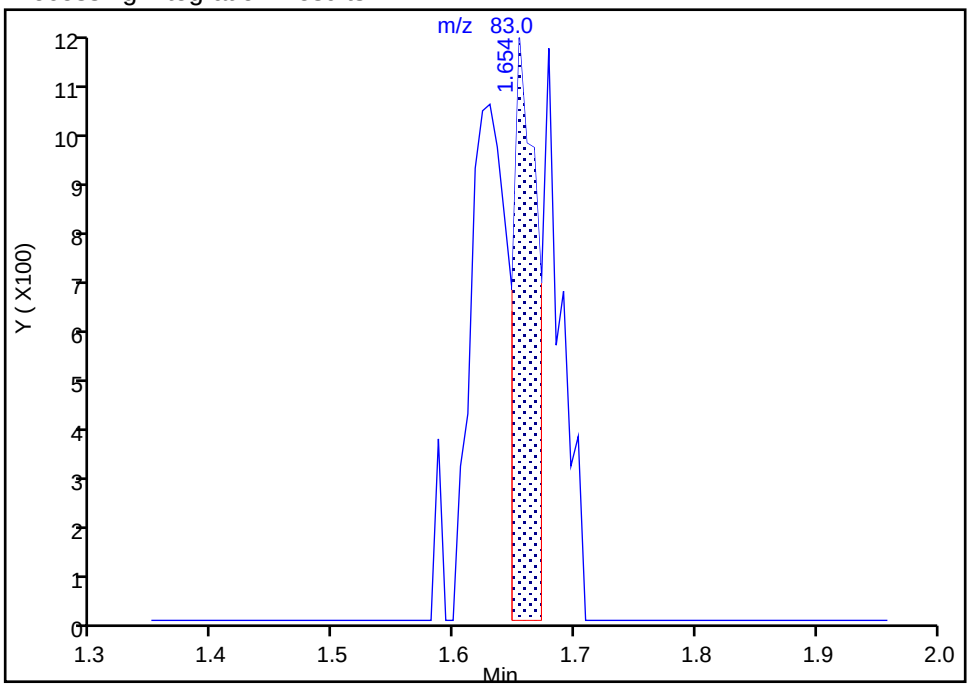
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

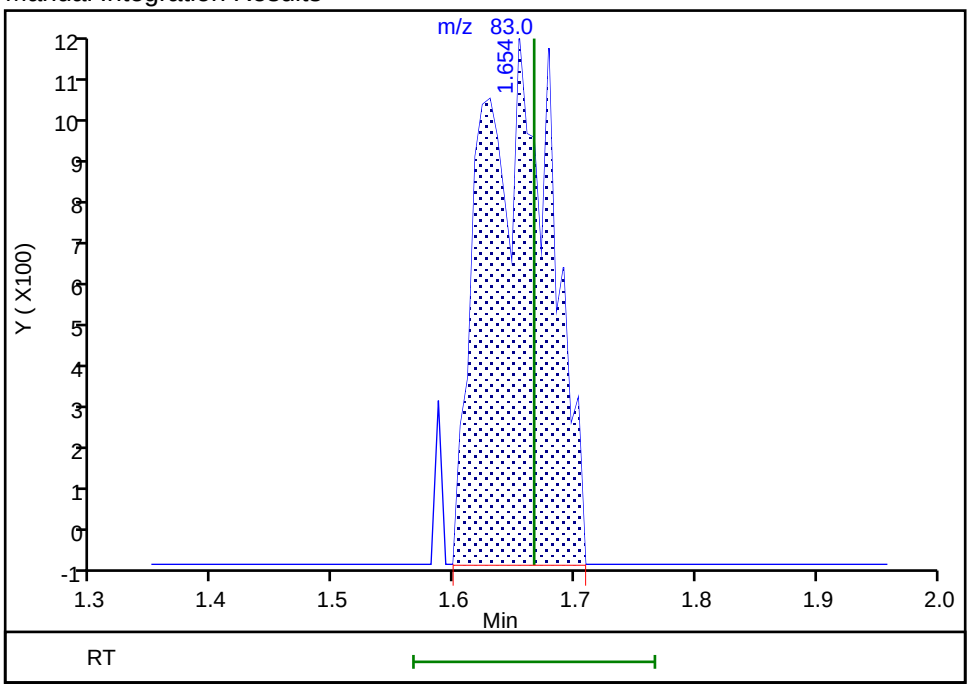
Processing Integration Results

RT: 1.65
Area: 1597
Amount: 0.400714
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 4680
Amount: 1.145849
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:46:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

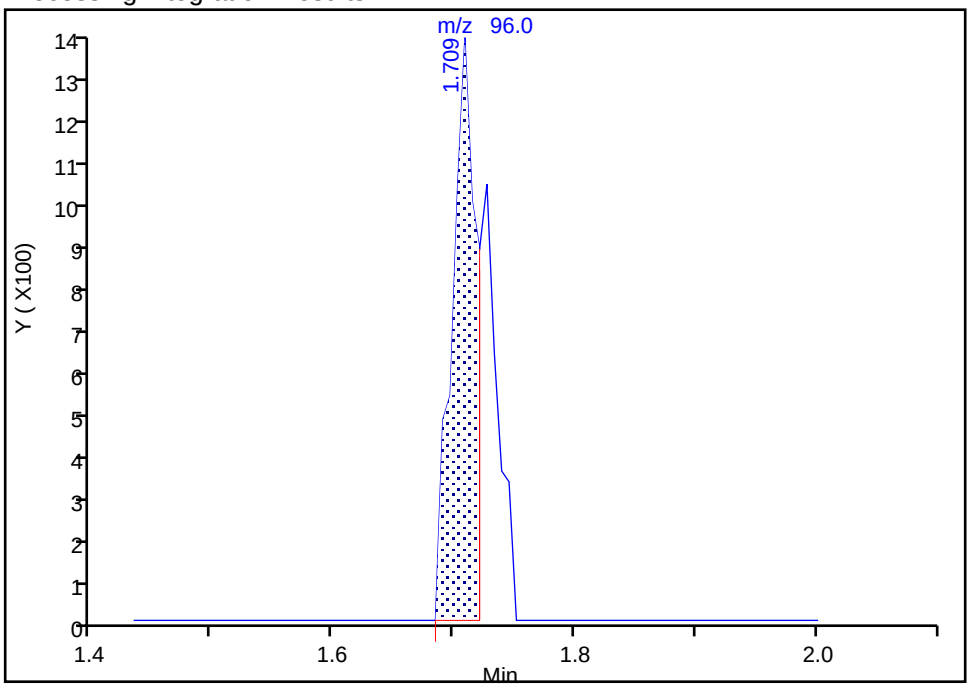
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

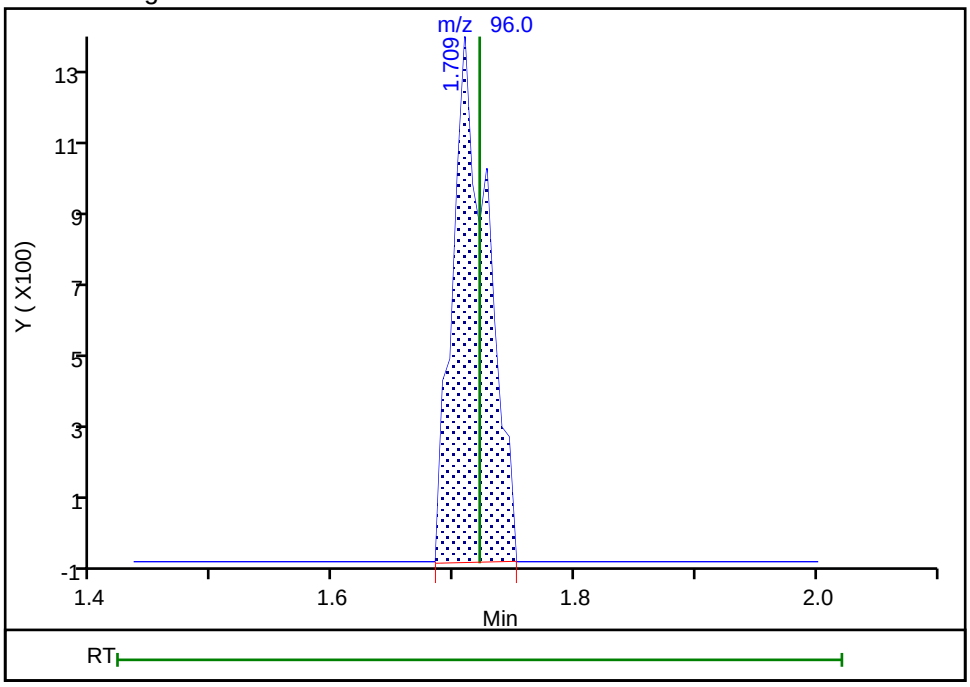
Processing Integration Results

RT: 1.71
Area: 1896
Amount: 0.834675
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 2746
Amount: 1.137904
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 04:59:44
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

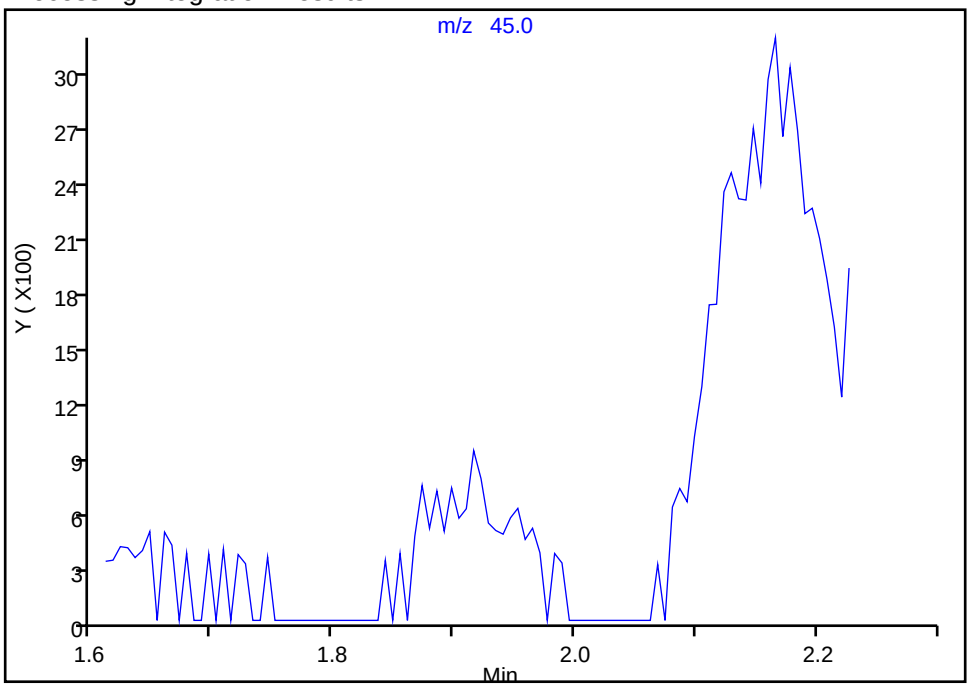
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

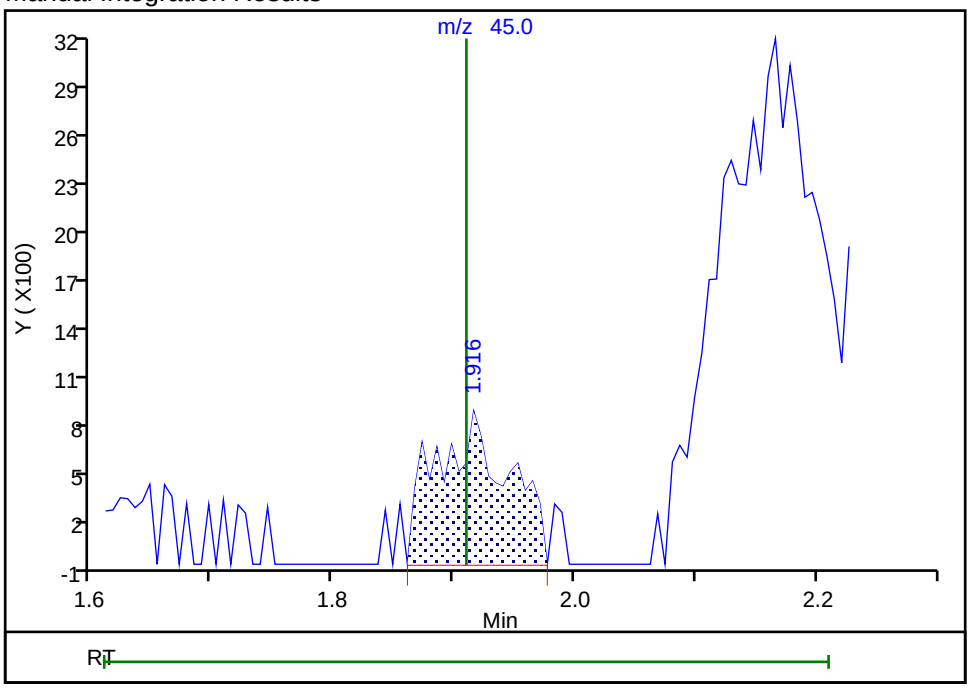
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 3817
Amount: 12.729727
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:46:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

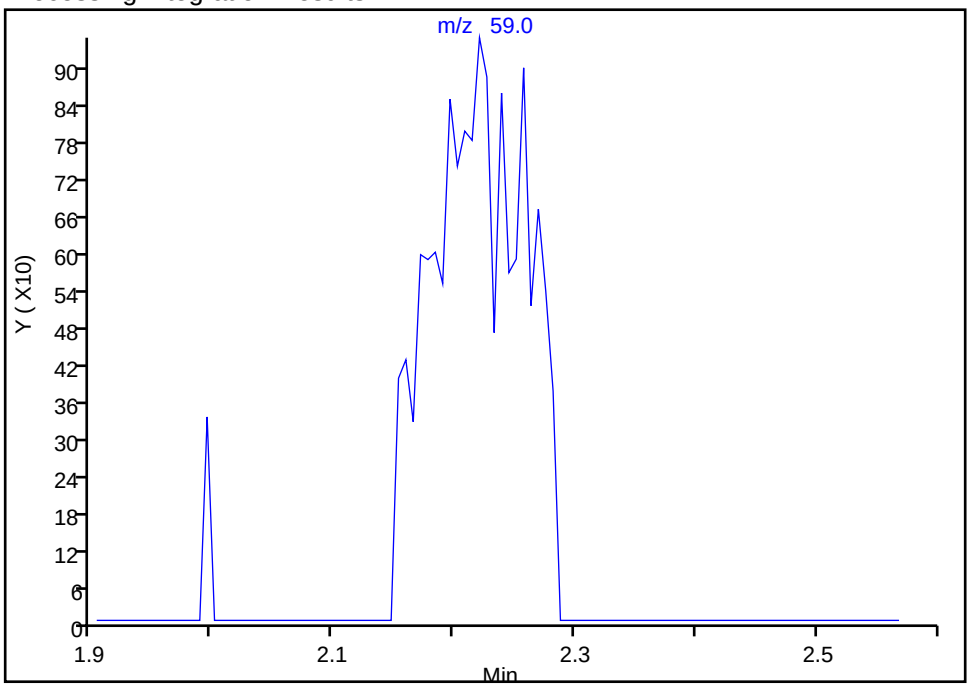
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

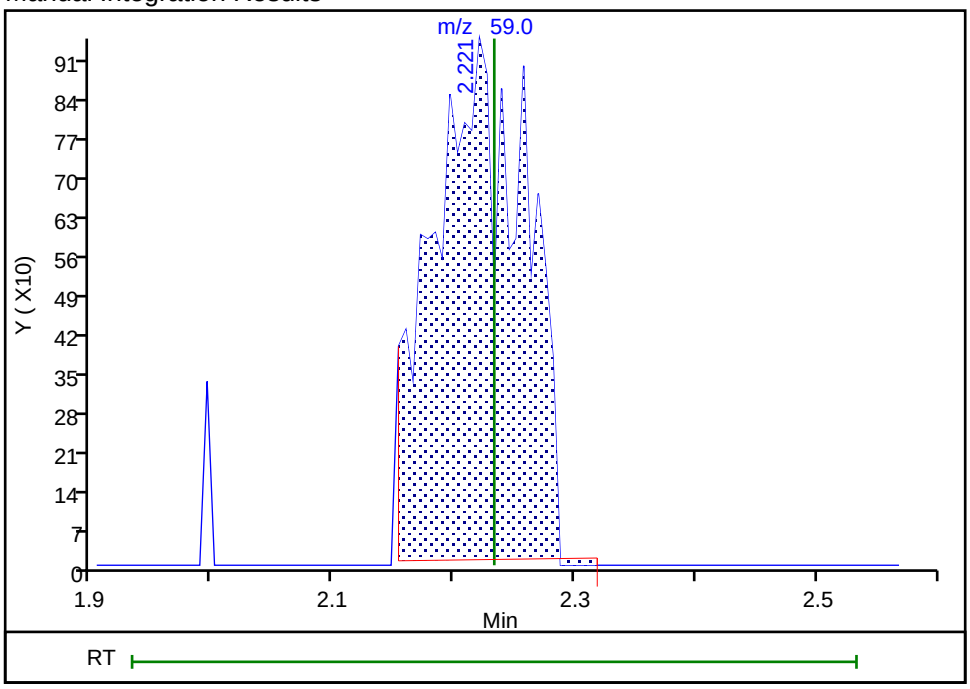
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.22
Area: 4990
Amount: 11.123011
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:00:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

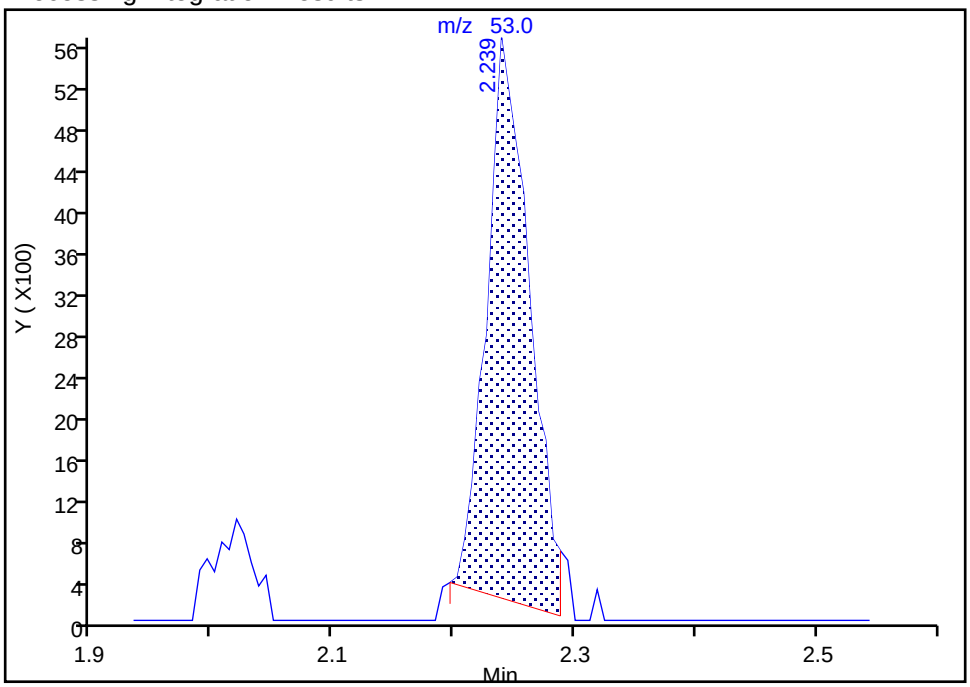
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

31 Acrylonitrile, CAS: 107-13-1

Signal: 1

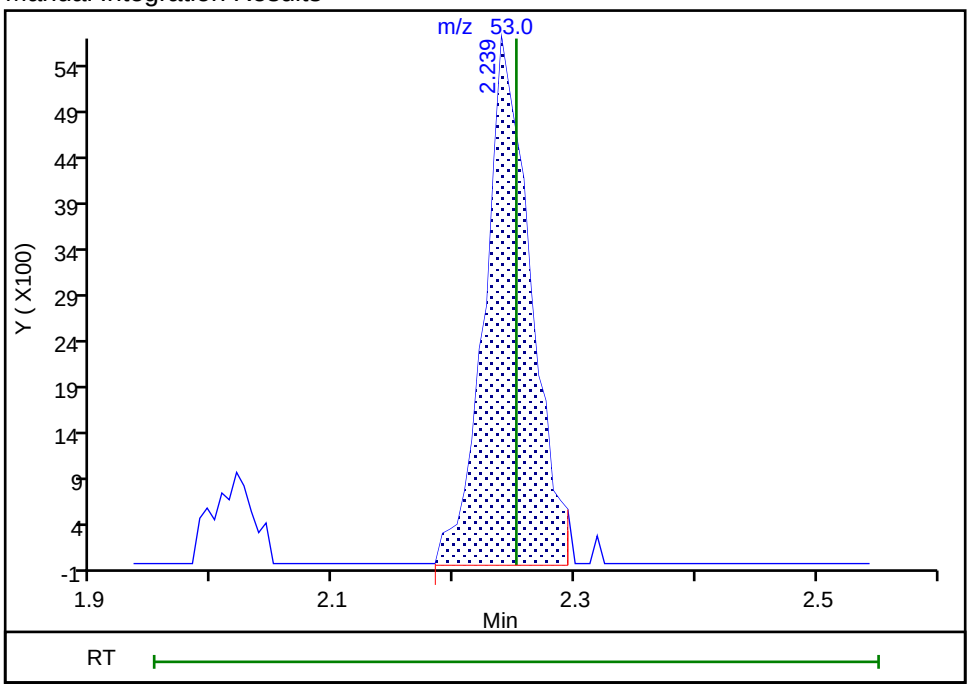
Processing Integration Results

RT: 2.24
Area: 13514
Amount: 10.106645
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 15180
Amount: 11.121639
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:46:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

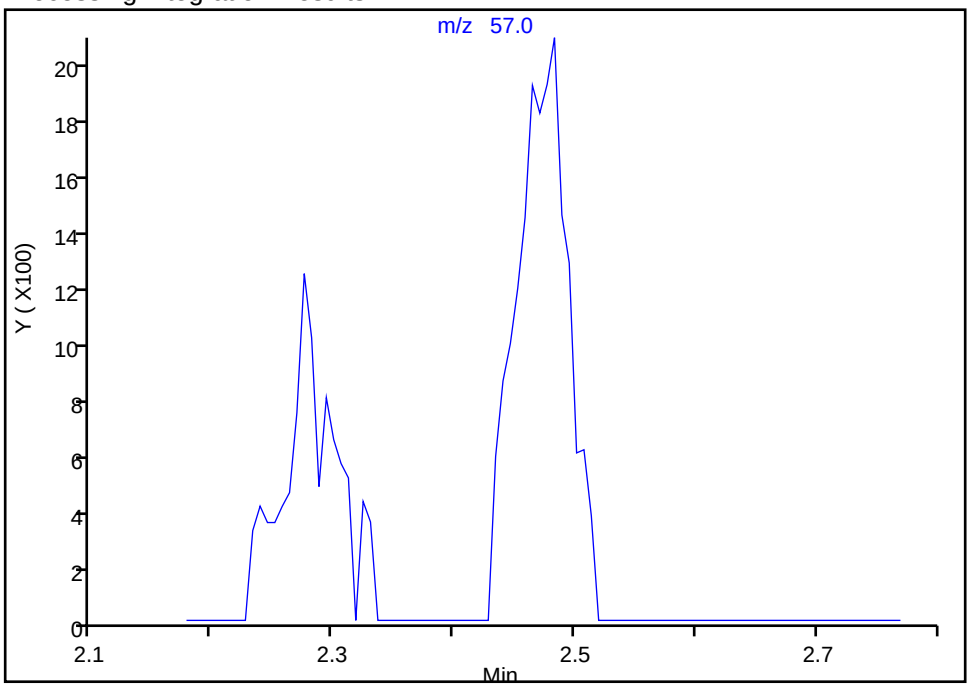
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

34 Hexane, CAS: 110-54-3

Signal: 1

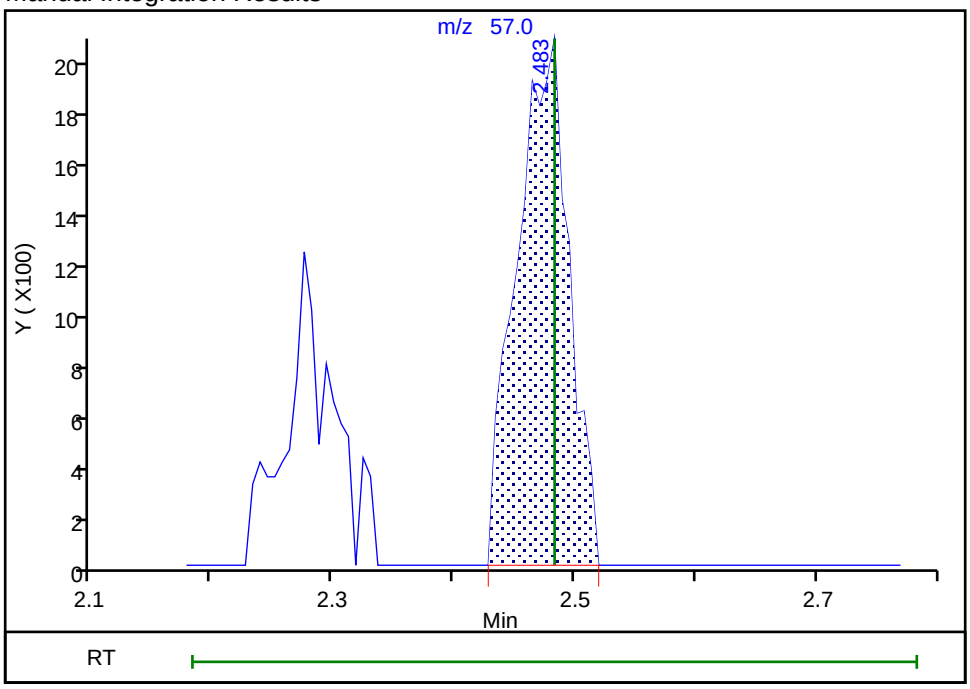
Not Detected
Expected RT: 2.48

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 6079
Amount: 1.042058
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:00:49
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

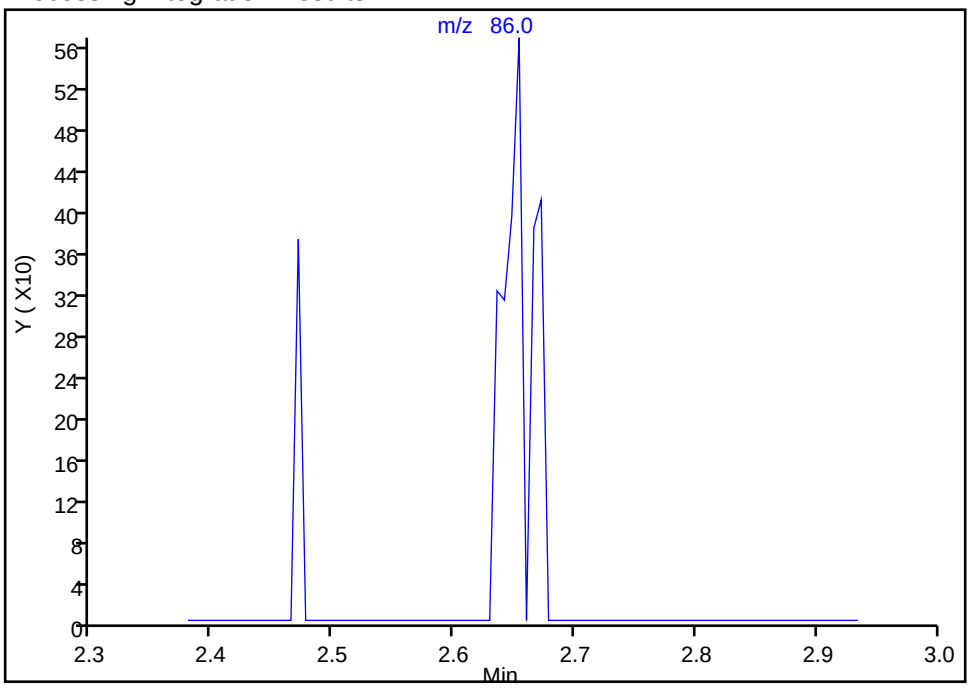
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

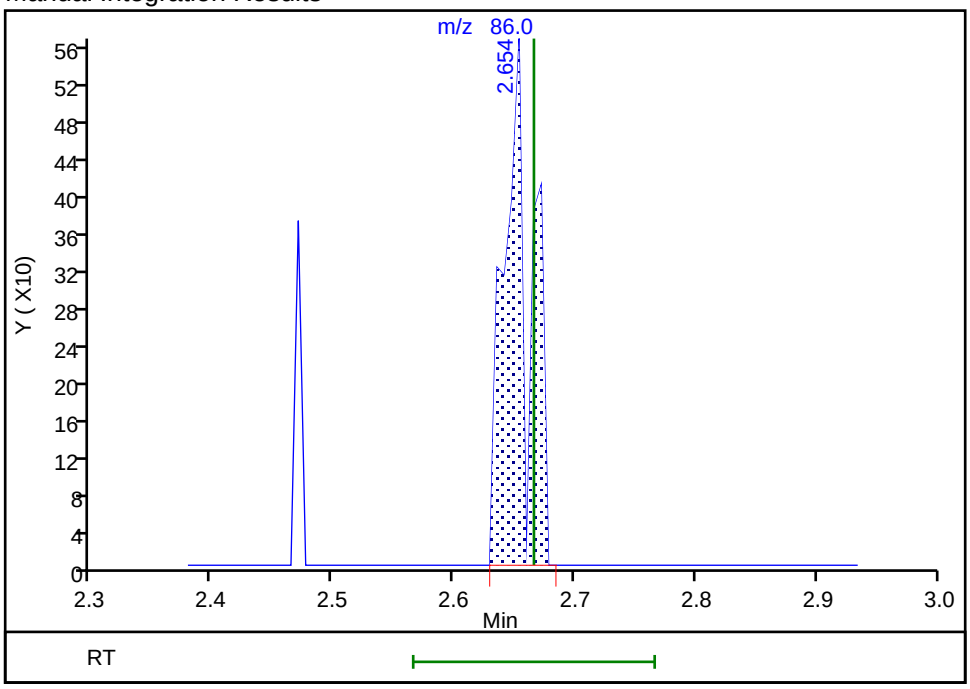
Not Detected
Expected RT: 2.67

Processing Integration Results



Manual Integration Results

RT: 2.65
Area: 867
Amount: 1.718179
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:47:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

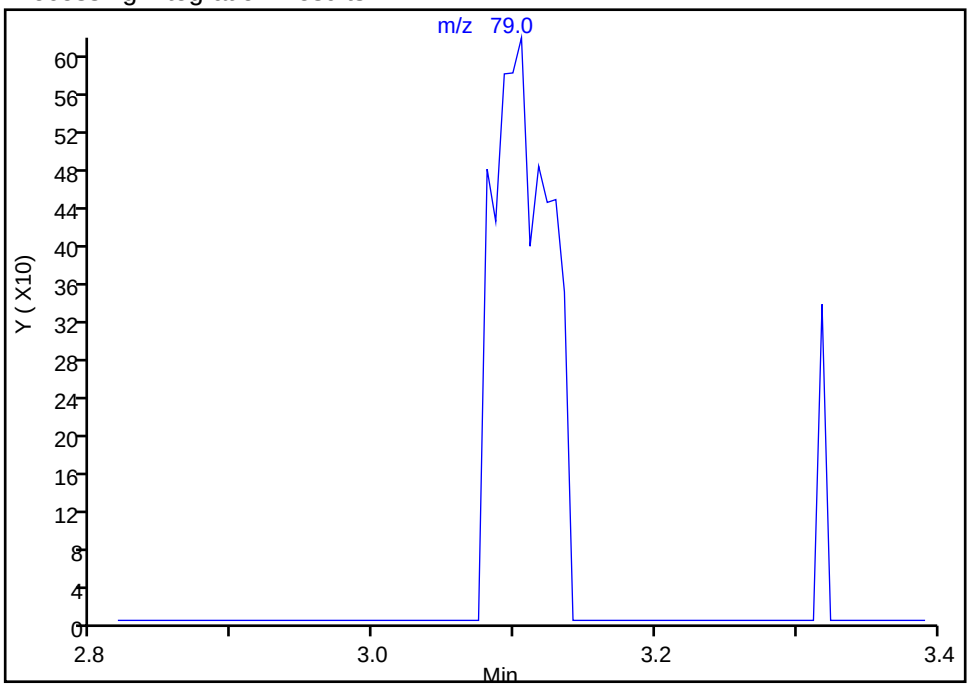
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

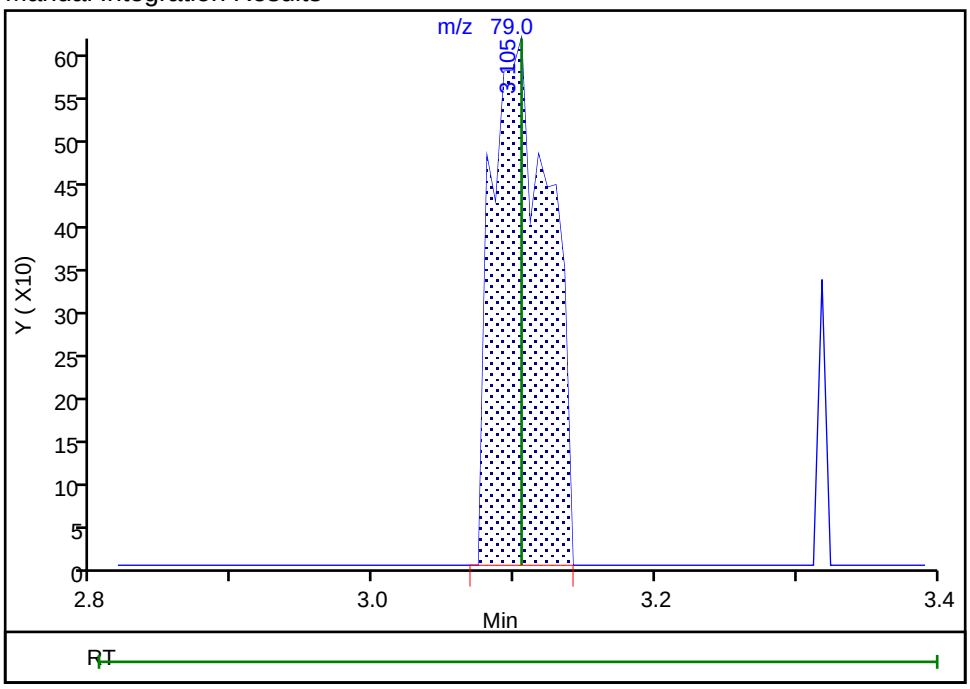
Not Detected
Expected RT: 3.10

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 1737
Amount: 1.167402
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:01:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

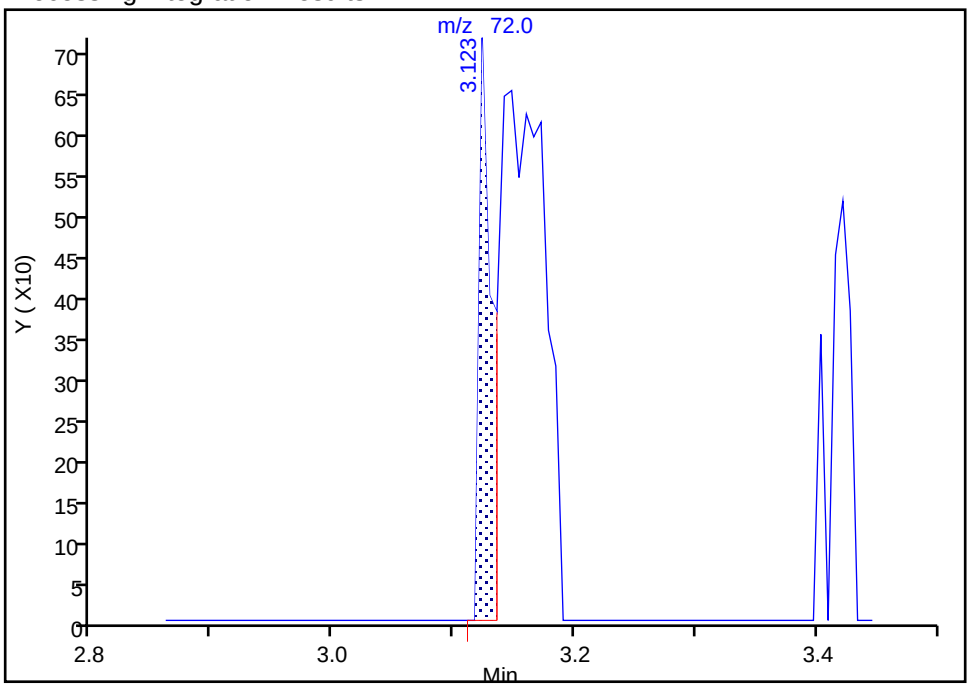
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

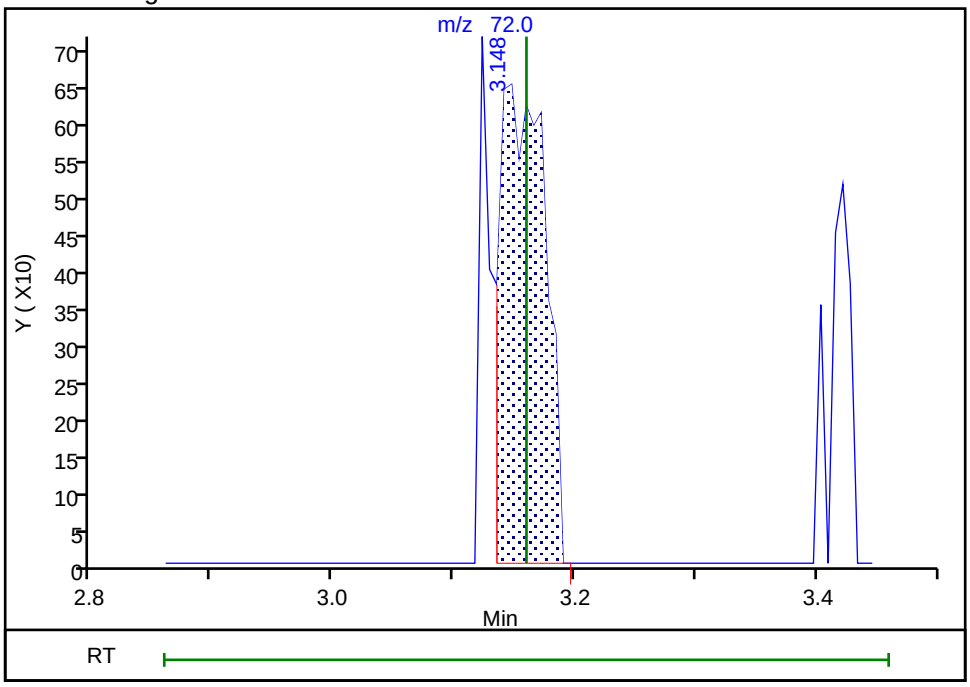
Processing Integration Results

RT: 3.12
Area: 547
Amount: 1.473426
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 1727
Amount: 4.819639
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:01:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

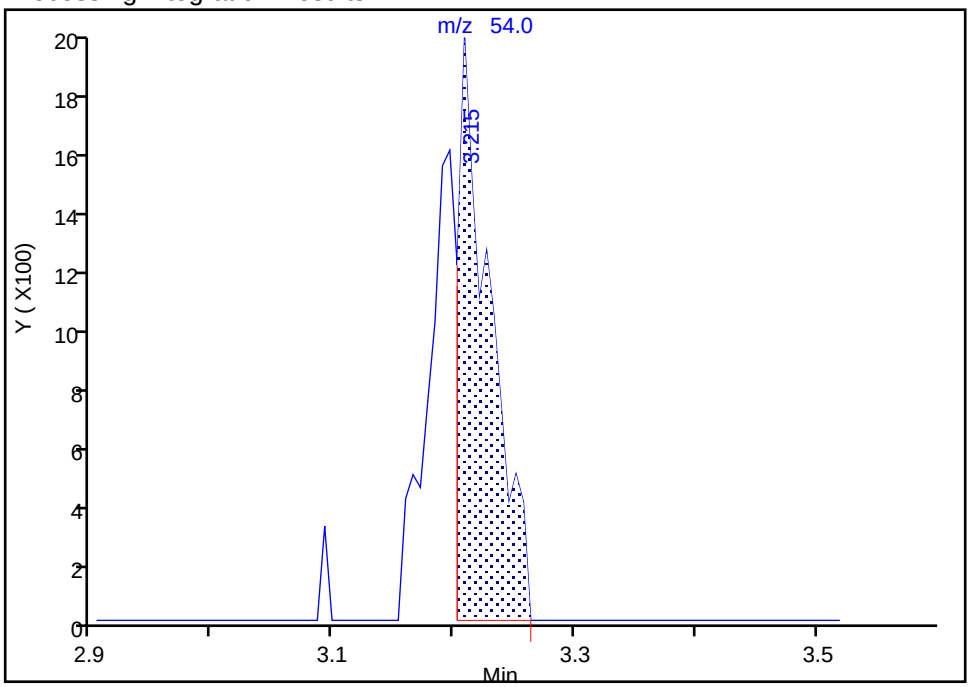
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

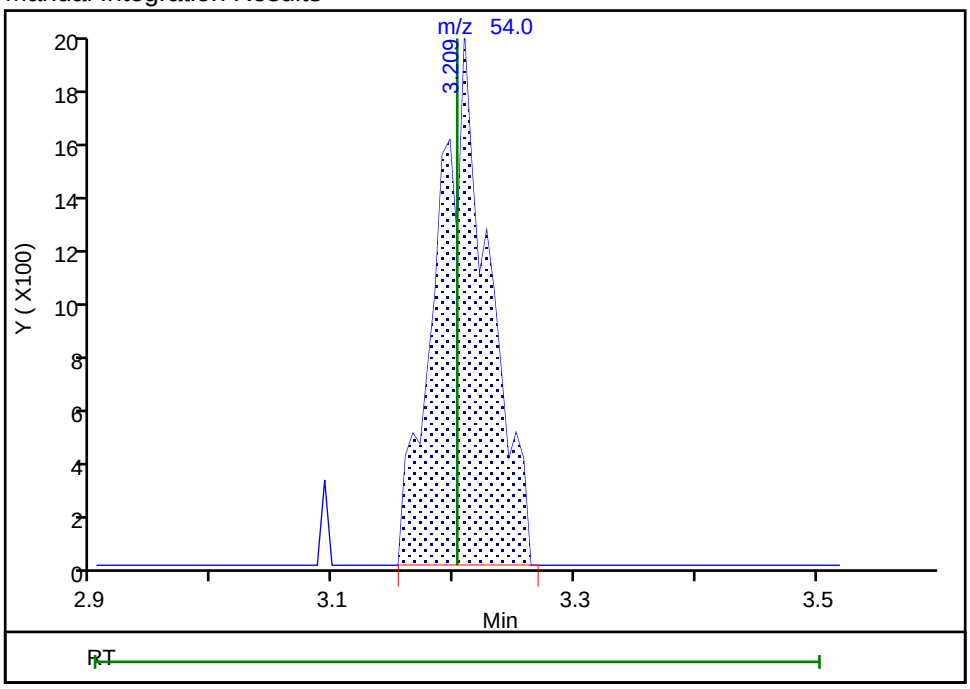
Processing Integration Results

RT: 3.21
Area: 3654
Amount: 7.552265
Amount Units: ug/l



Manual Integration Results

RT: 3.21
Area: 5918
Amount: 11.346692
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:47:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

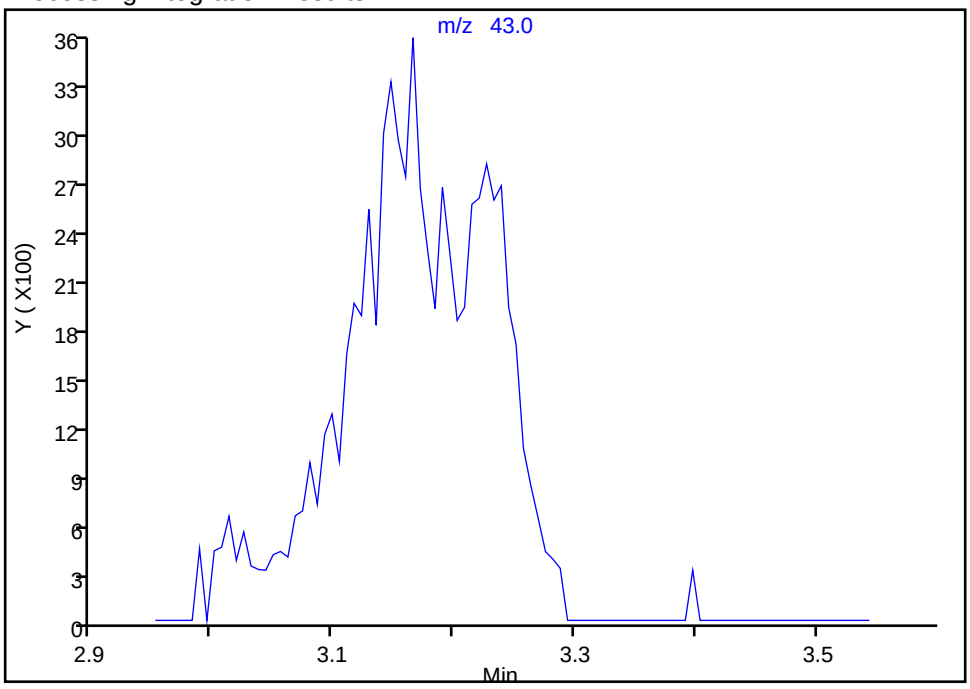
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

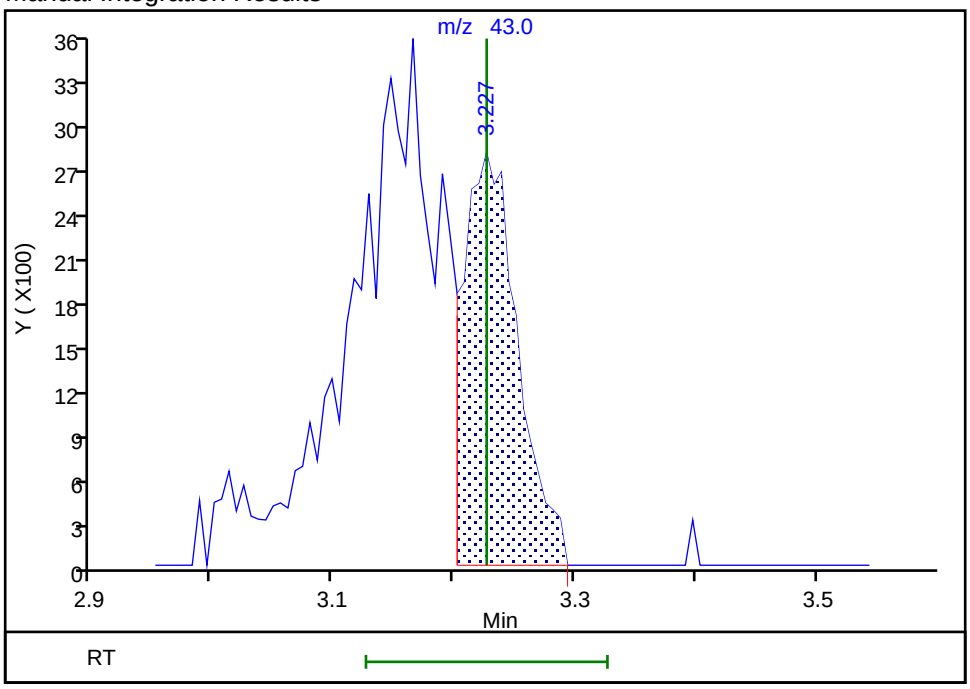
Not Detected
Expected RT: 3.23

Processing Integration Results



Manual Integration Results

RT: 3.23
Area: 8726
Amount: 2.172126
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:01:30
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

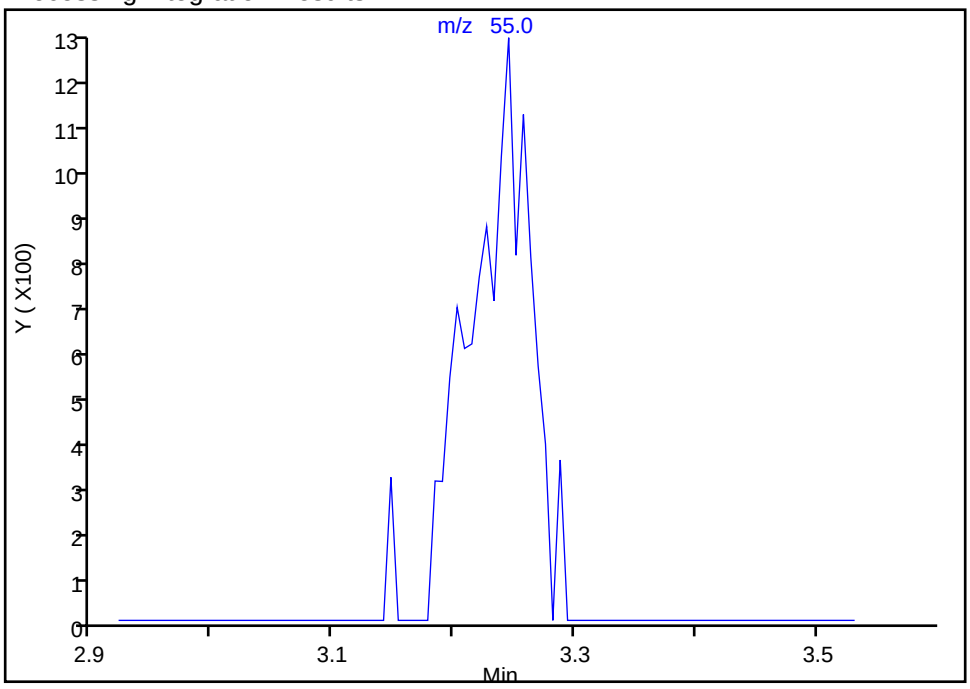
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

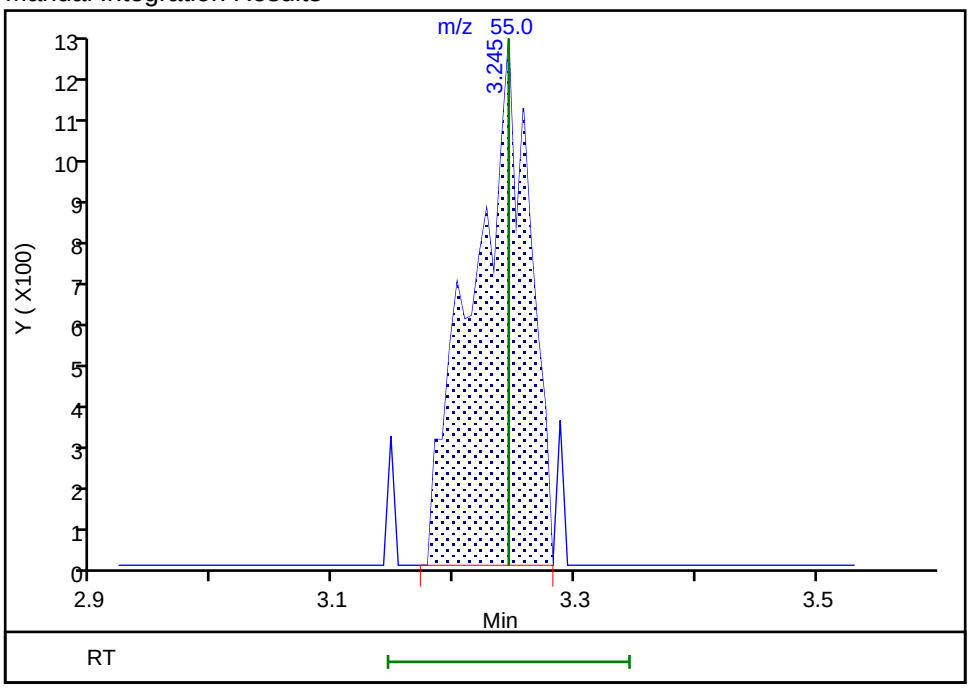
Not Detected
Expected RT: 3.25

Processing Integration Results



Manual Integration Results

RT: 3.25
Area: 4122
Amount: 1.062440
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:01:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

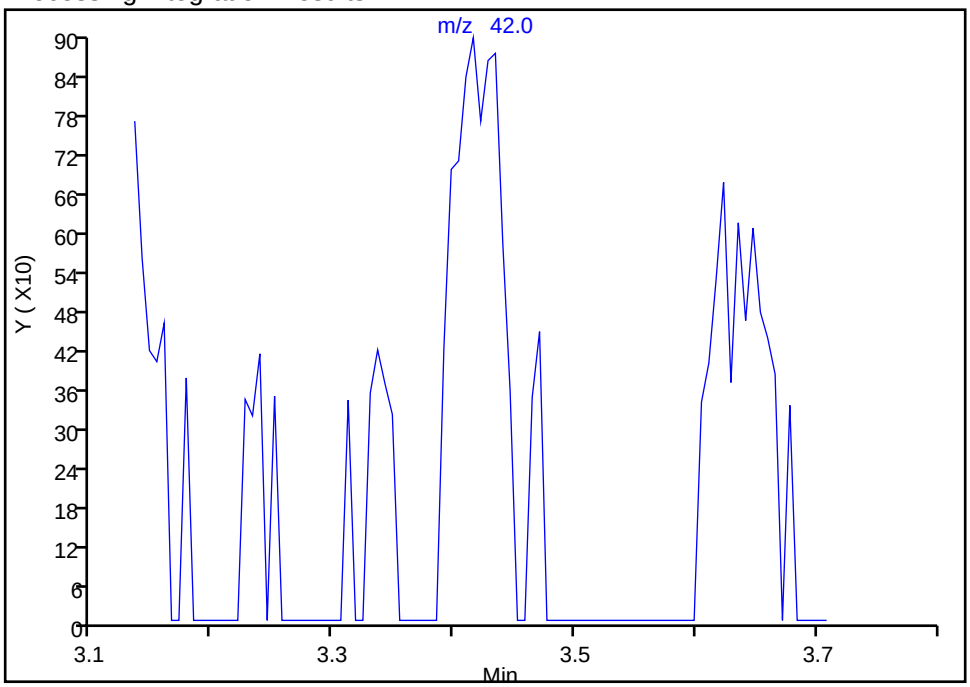
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

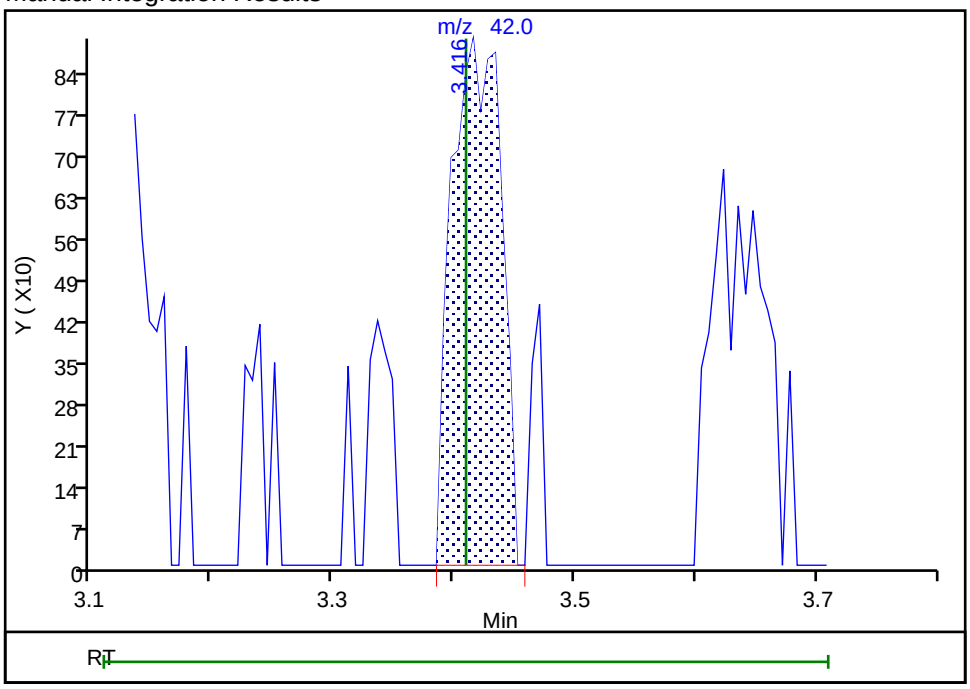
Not Detected
Expected RT: 3.41

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 2549
Amount: 2.002868
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:01:45
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

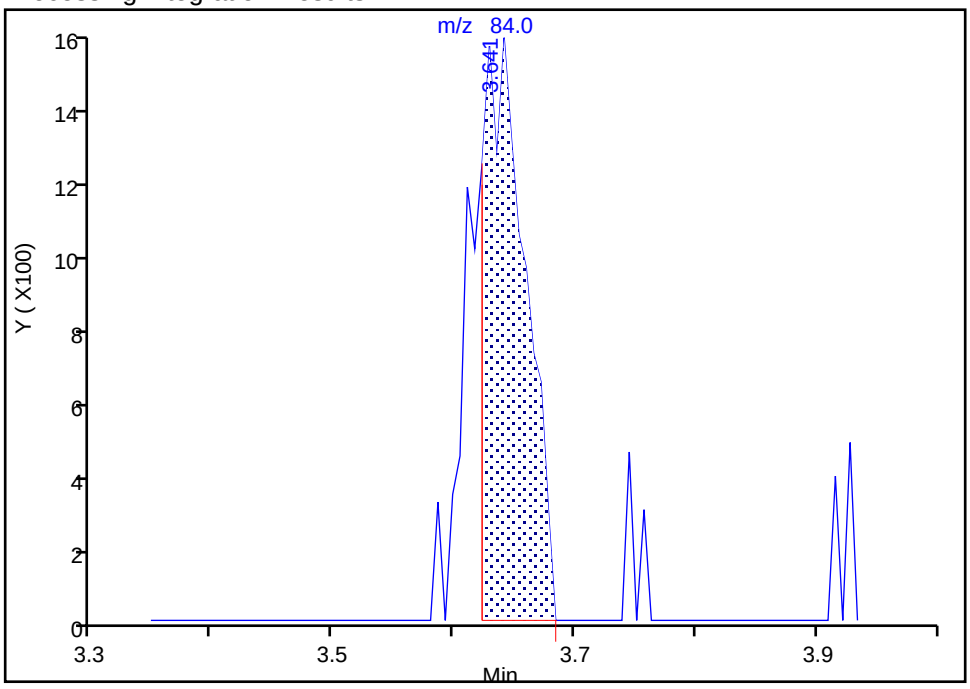
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

52 Cyclohexane, CAS: 110-82-7

Signal: 1

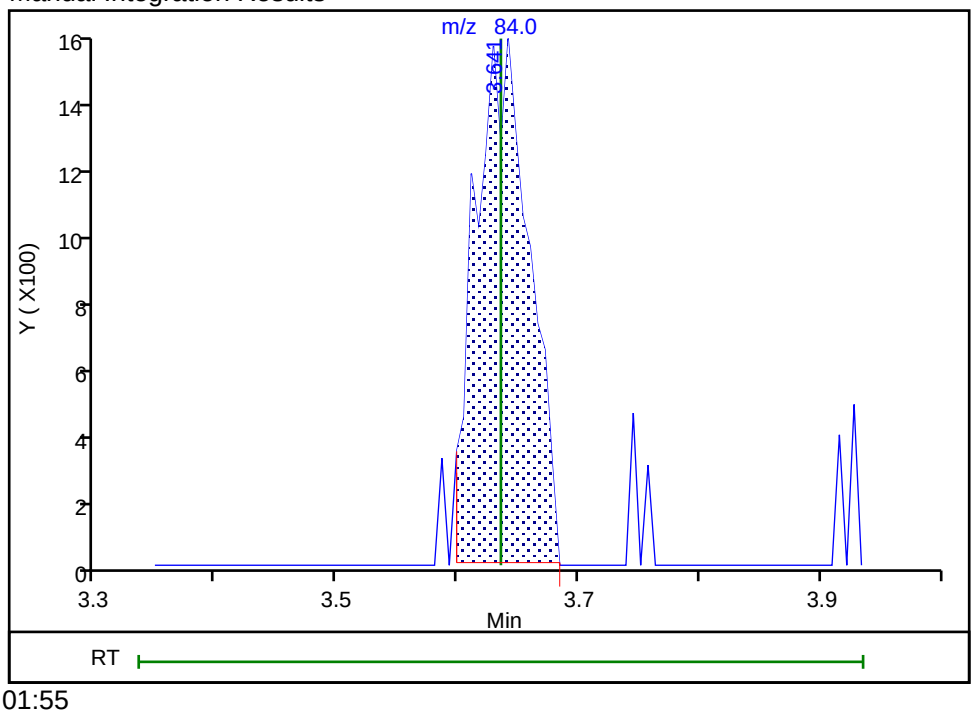
Processing Integration Results

RT: 3.64
Area: 3918
Amount: 0.841448
Amount Units: ug/l



Manual Integration Results

RT: 3.64
Area: 4970
Amount: 1.028647
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:01:55
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

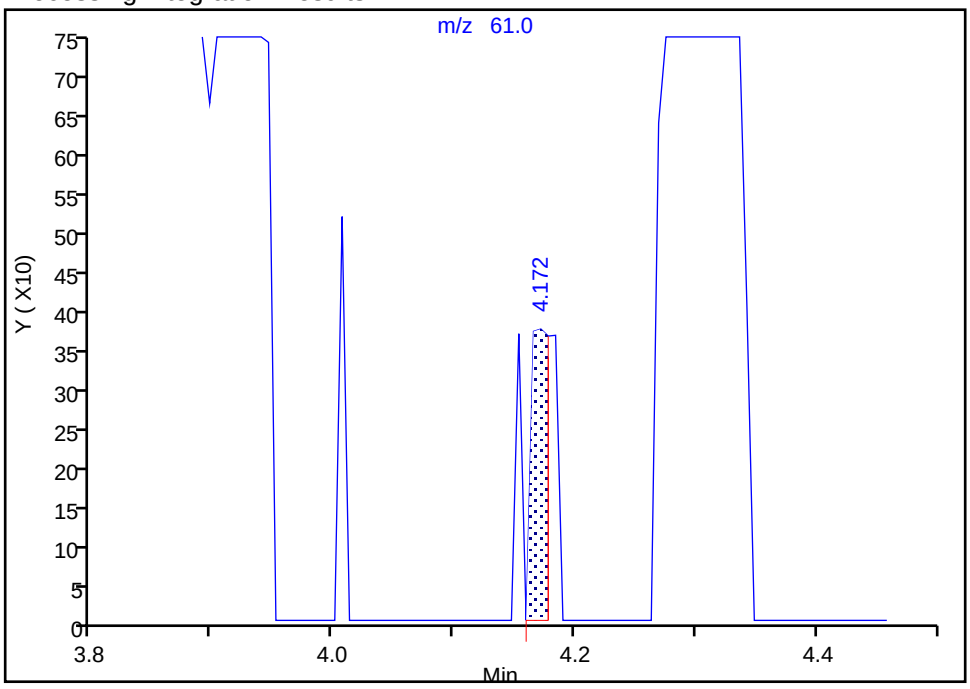
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

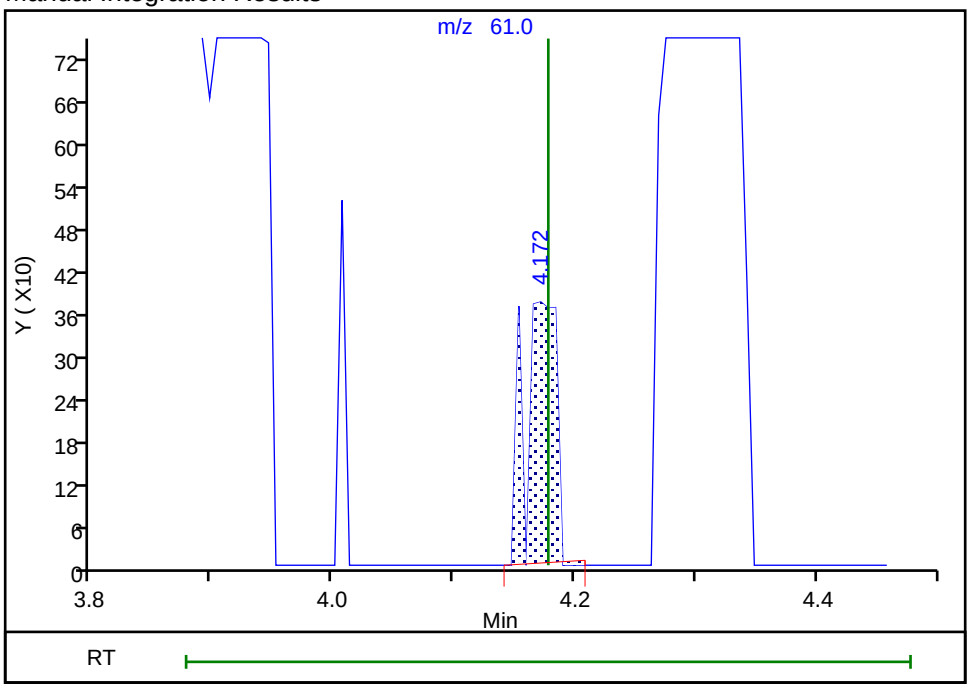
Processing Integration Results

RT: 4.17
Area: 405
Amount: 0.305737
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 657
Amount: 1.007663
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:02:12
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

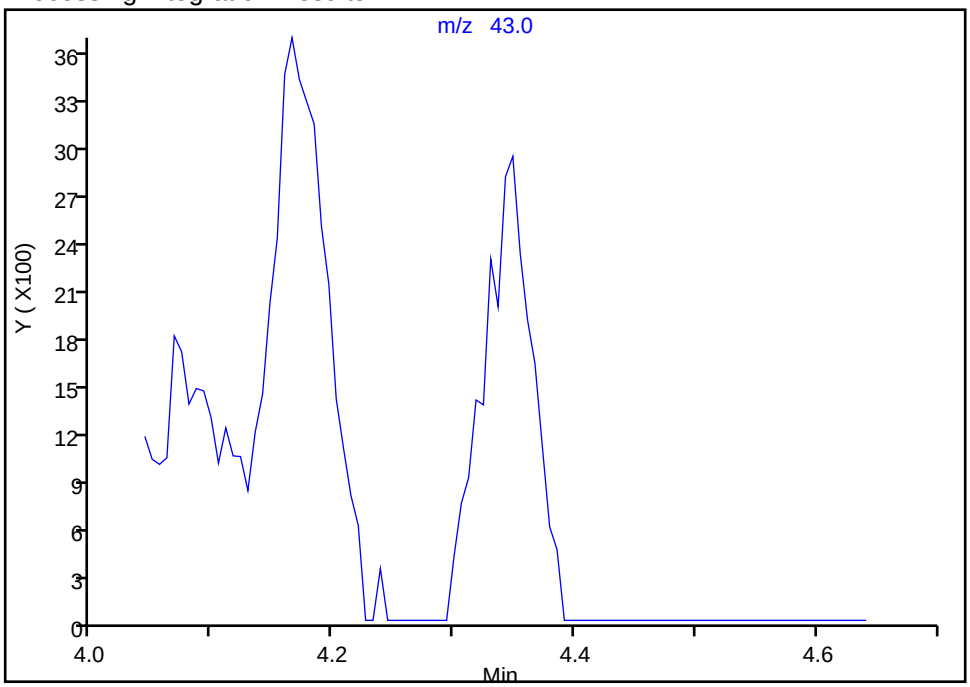
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 n-Heptane, CAS: 142-82-5

Signal: 1

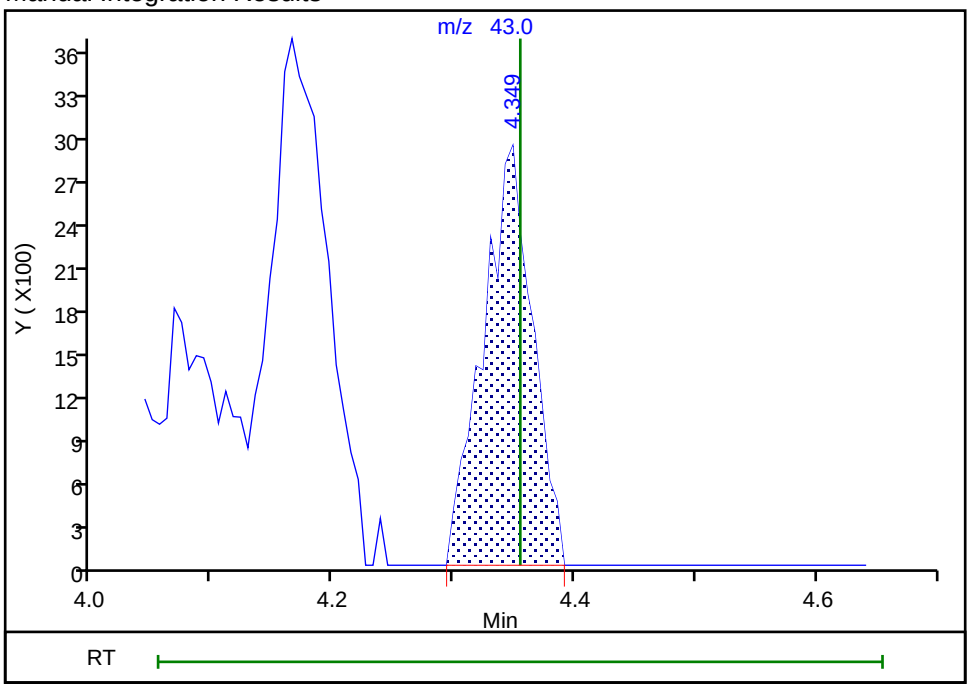
Not Detected
Expected RT: 4.35

Processing Integration Results



Manual Integration Results

RT: 4.35
Area: 8258
Amount: 1.146700
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:02:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

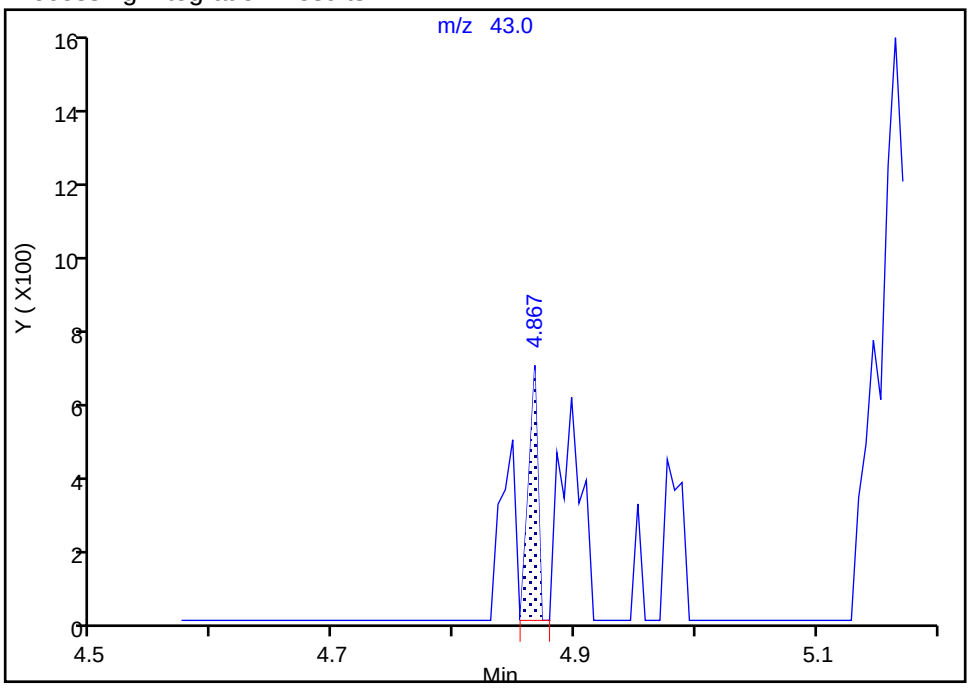
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

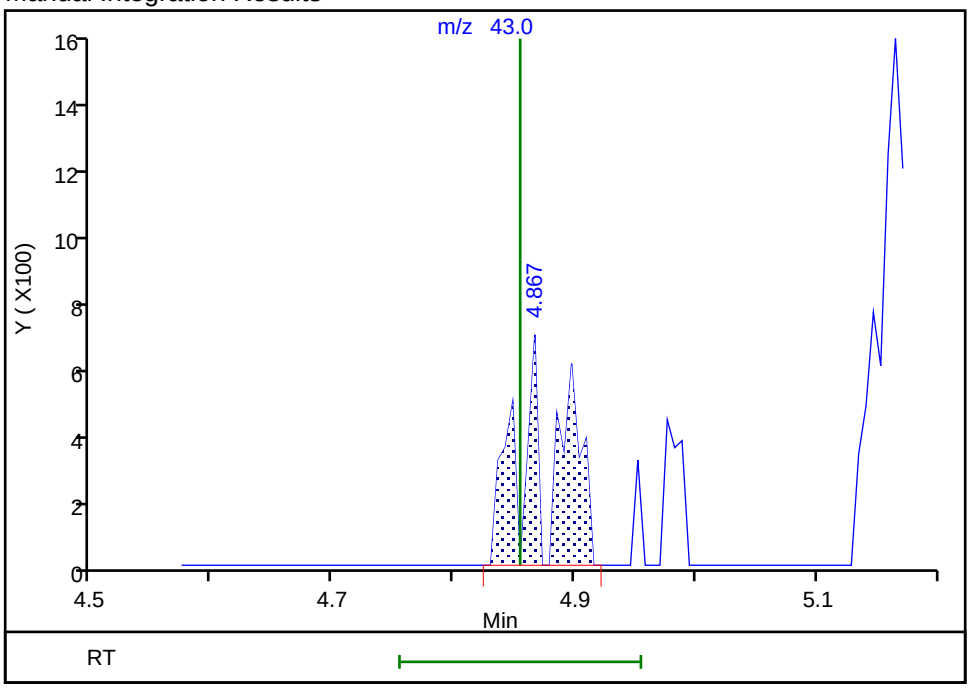
Processing Integration Results

RT: 4.87
Area: 370
Amount: 6.262150
Amount Units: ug/l



Manual Integration Results

RT: 4.87
Area: 1558
Amount: 23.251949
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 13:47:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

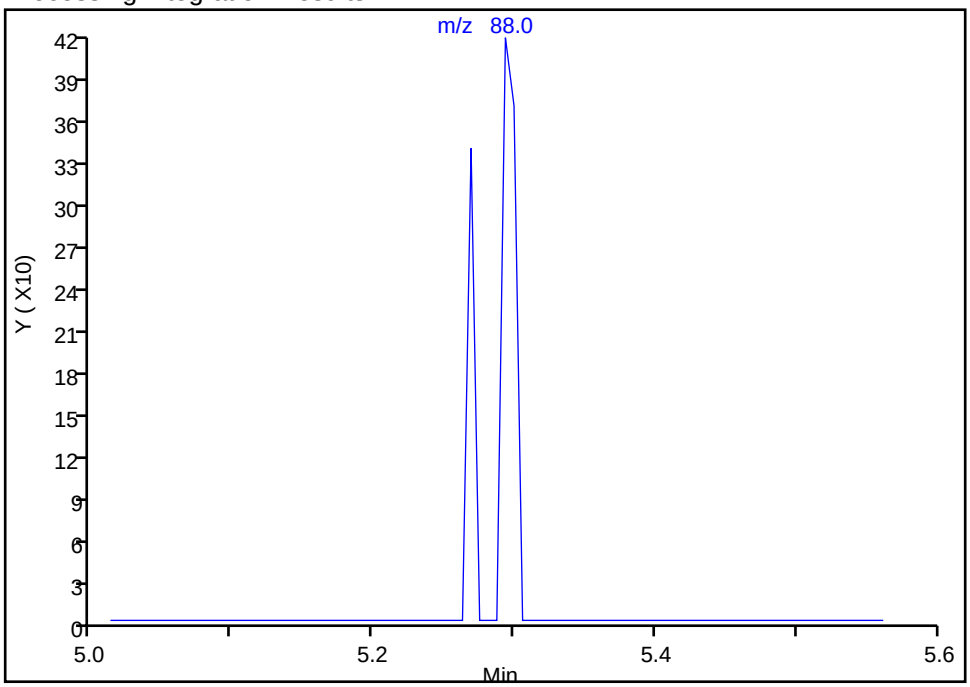
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Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

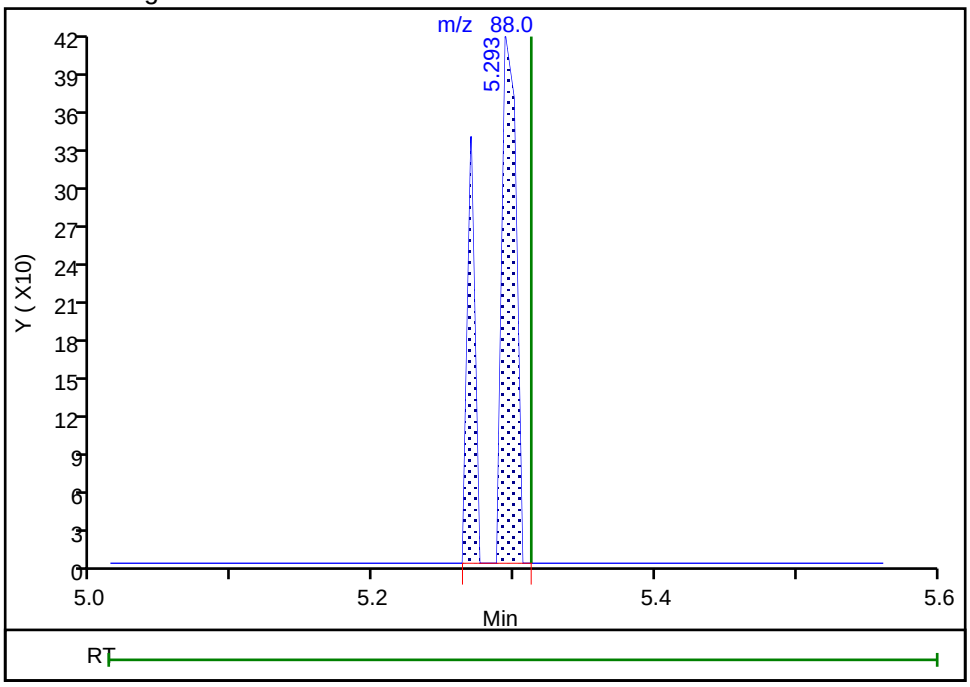
Not Detected
Expected RT: 5.31

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 405
Amount: 13.354728
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 14:03:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

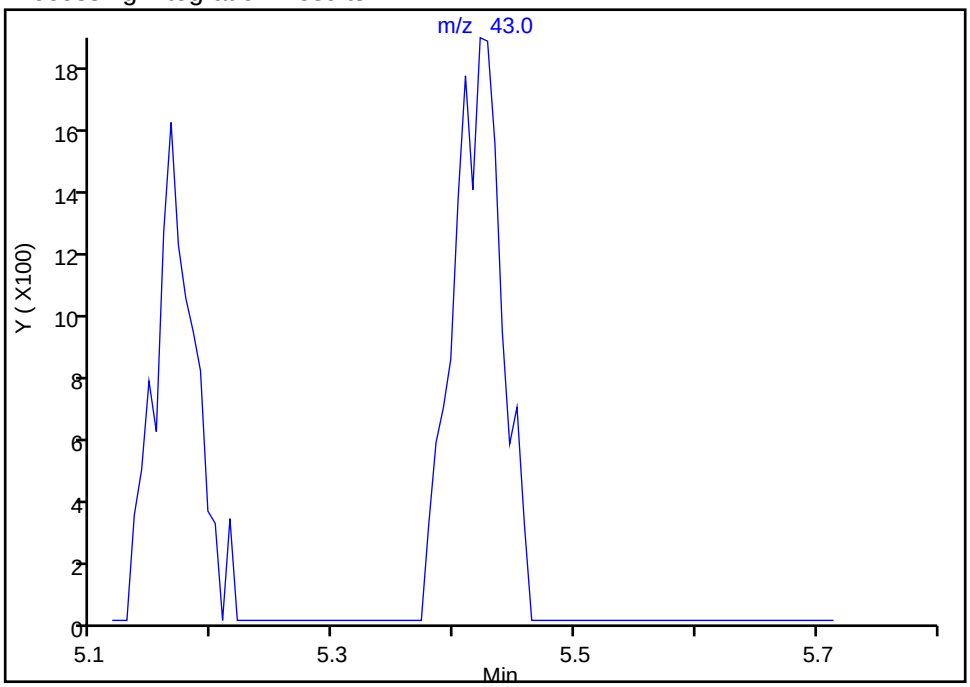
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

81 n-Propyl acetate, CAS: 109-60-4

Signal: 1

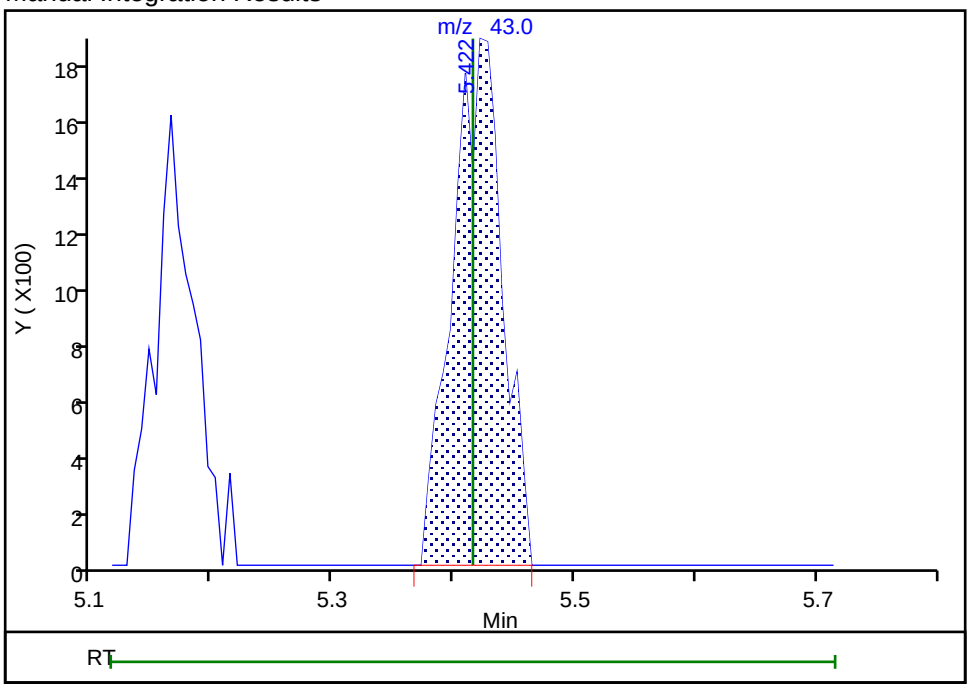
Not Detected
Expected RT: 5.42

Processing Integration Results



Manual Integration Results

RT: 5.42
Area: 5294
Amount: 1.027908
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:02:58
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

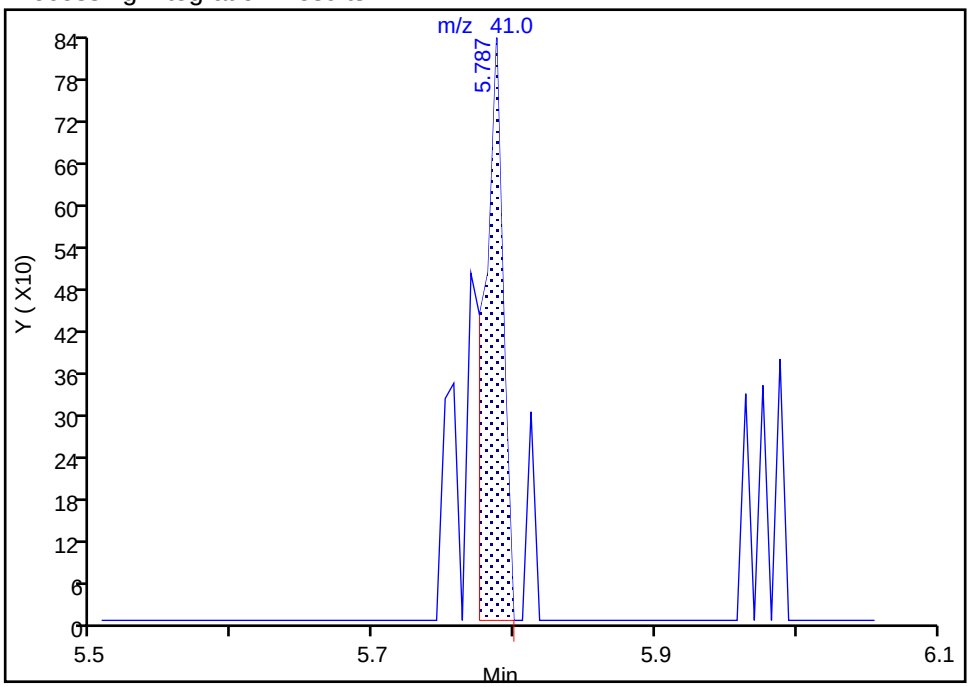
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

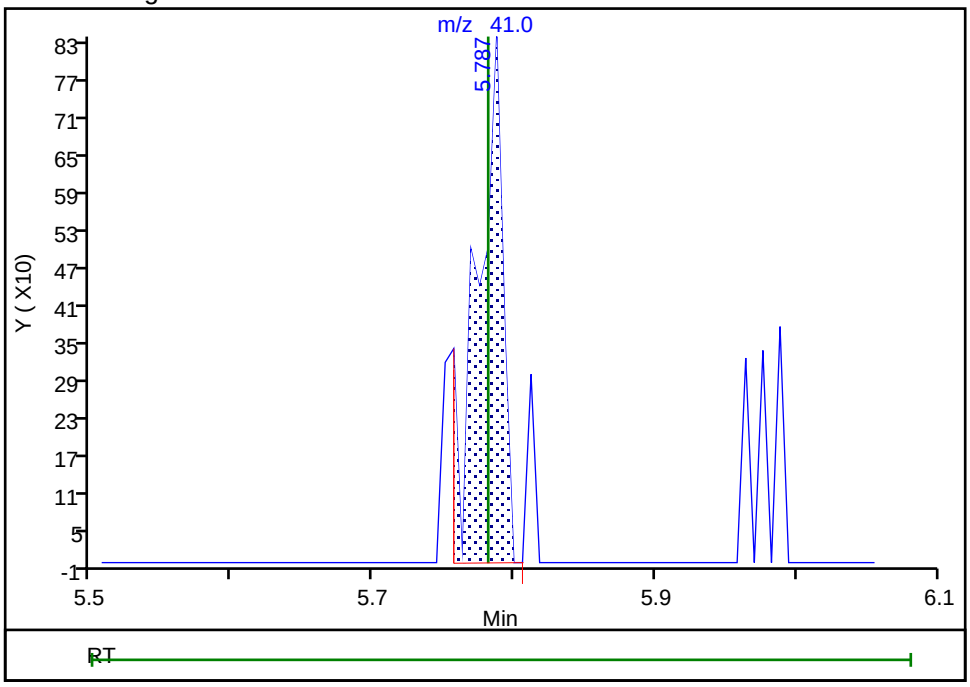
Processing Integration Results

RT: 5.79
Area: 779
Amount: 2.010762
Amount Units: ug/l



Manual Integration Results

RT: 5.79
Area: 1088
Amount: 1.593032
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:07
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

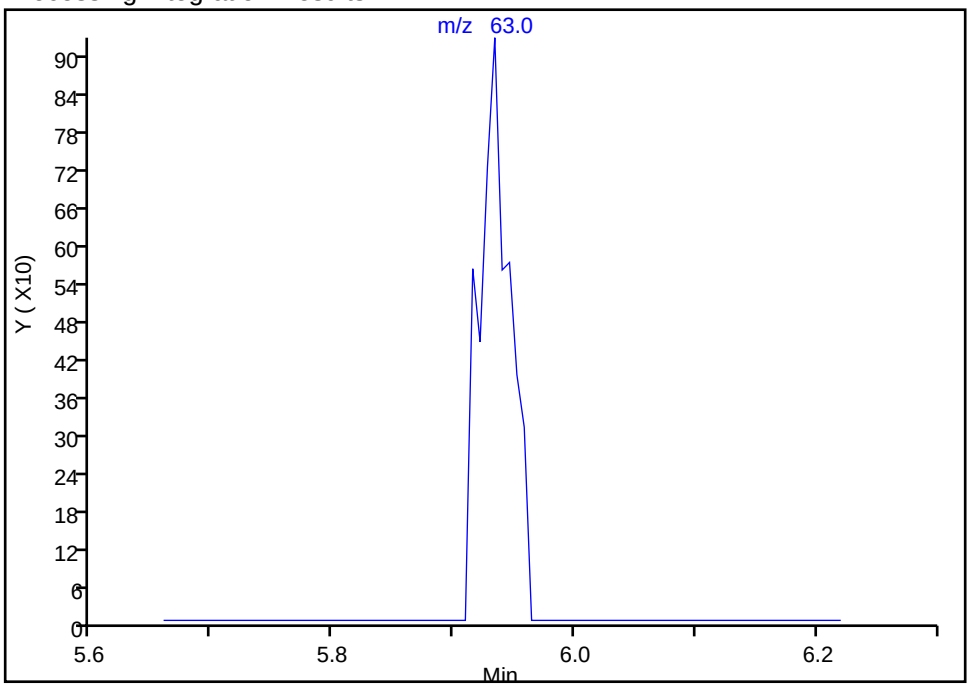
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

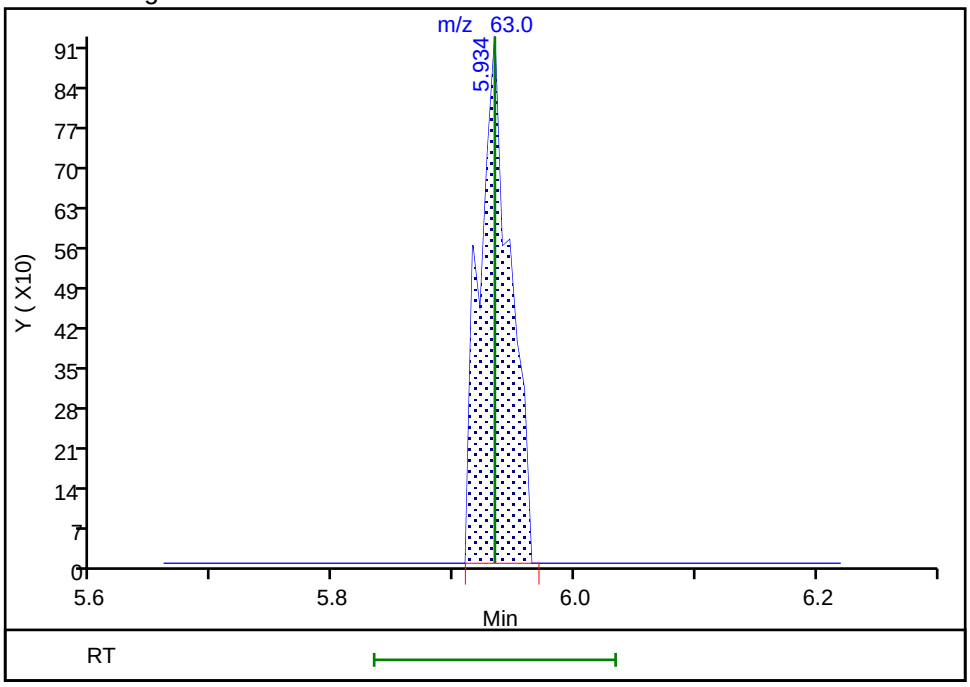
Not Detected
Expected RT: 5.93

Processing Integration Results



Manual Integration Results

RT: 5.93
Area: 1630
Amount: 0.822030
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

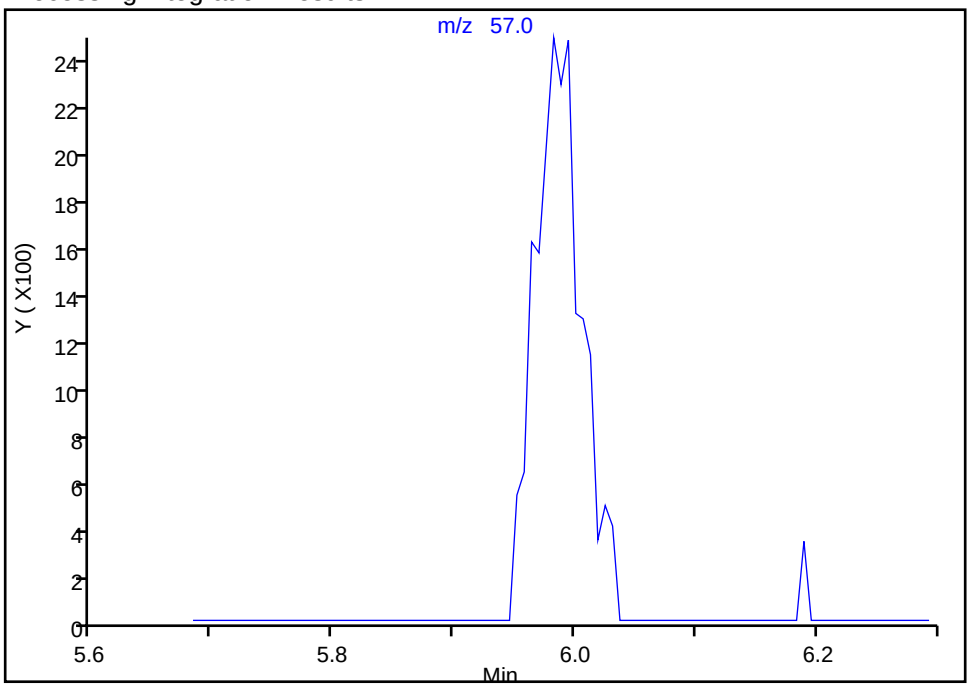
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

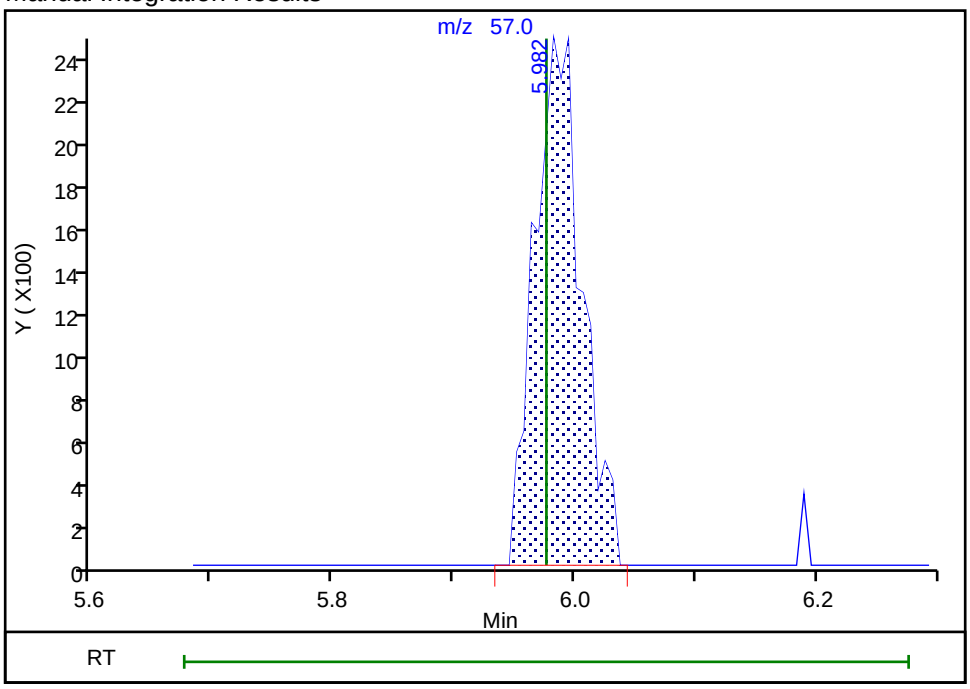
Not Detected
Expected RT: 5.98

Processing Integration Results



Manual Integration Results

RT: 5.98
Area: 6718
Amount: 19.906312
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:18
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

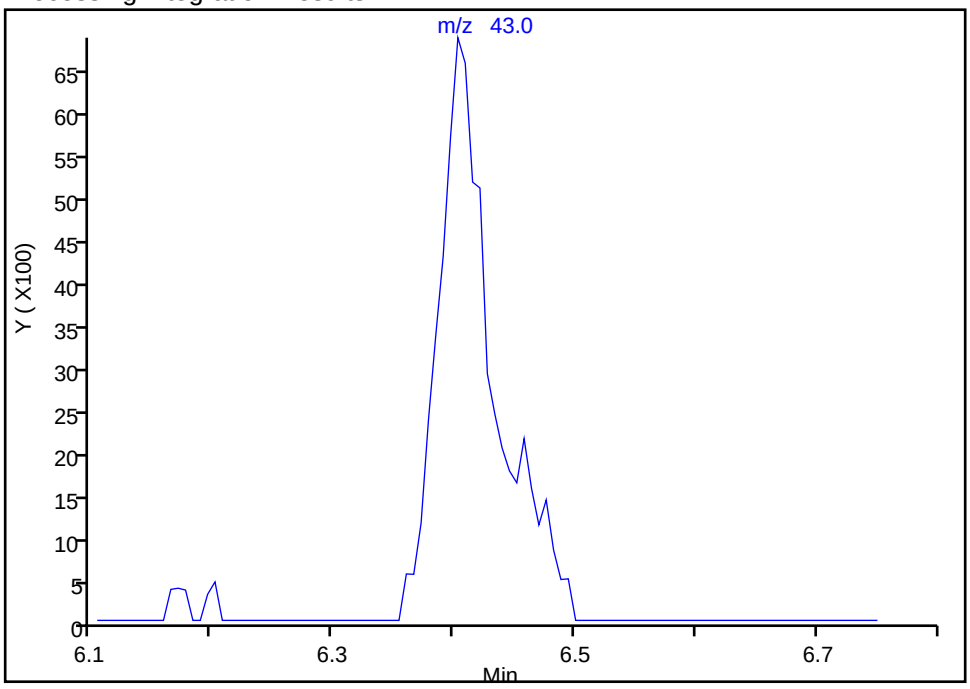
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

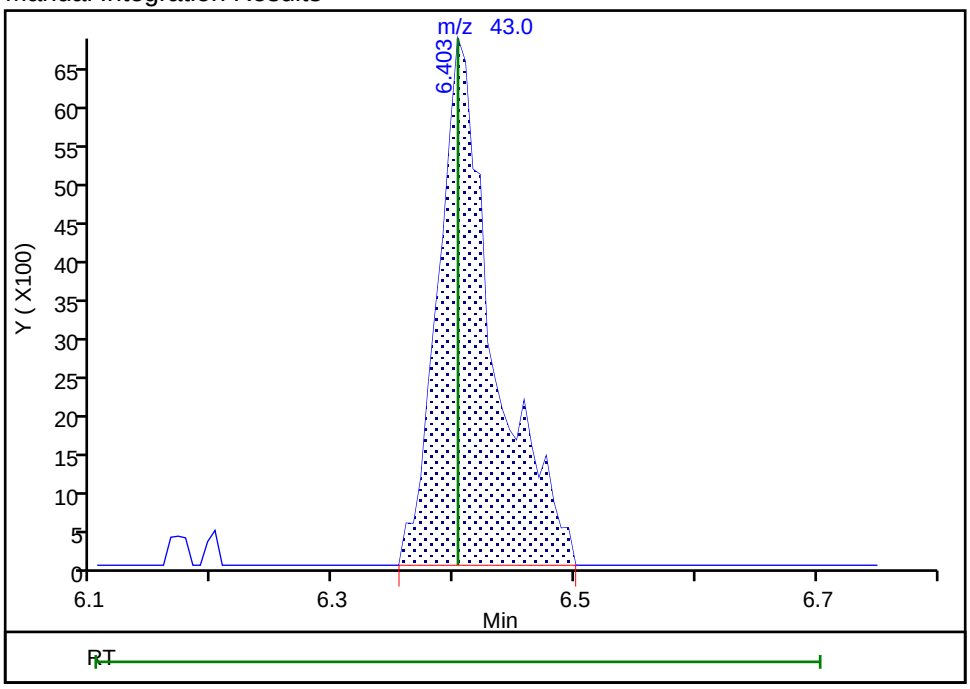
Not Detected
Expected RT: 6.40

Processing Integration Results



Manual Integration Results

RT: 6.40
Area: 21990
Amount: 5.789045
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:23
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

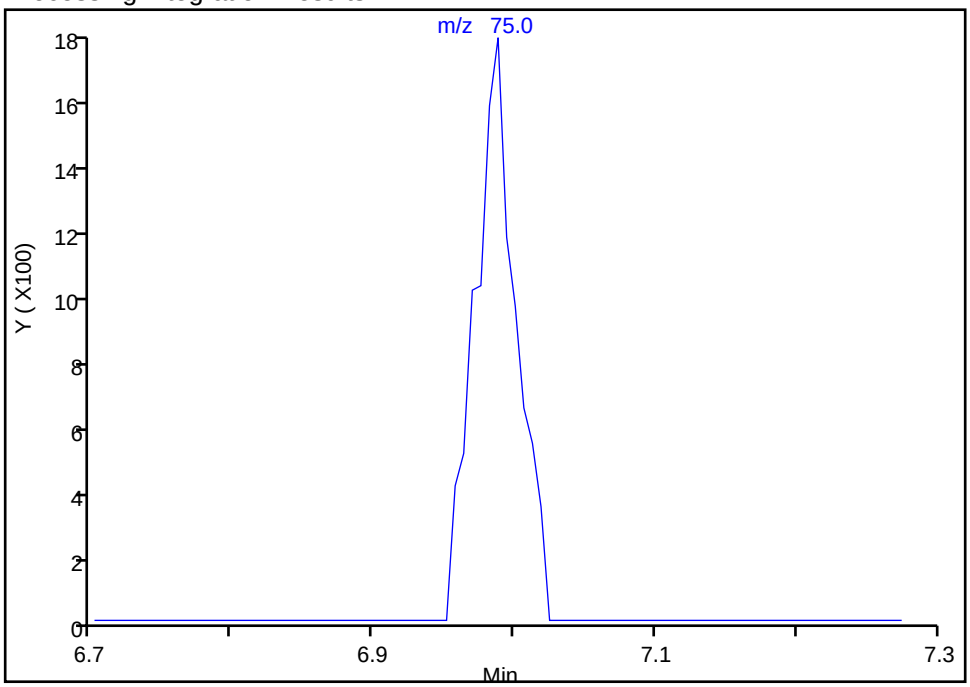
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

82 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

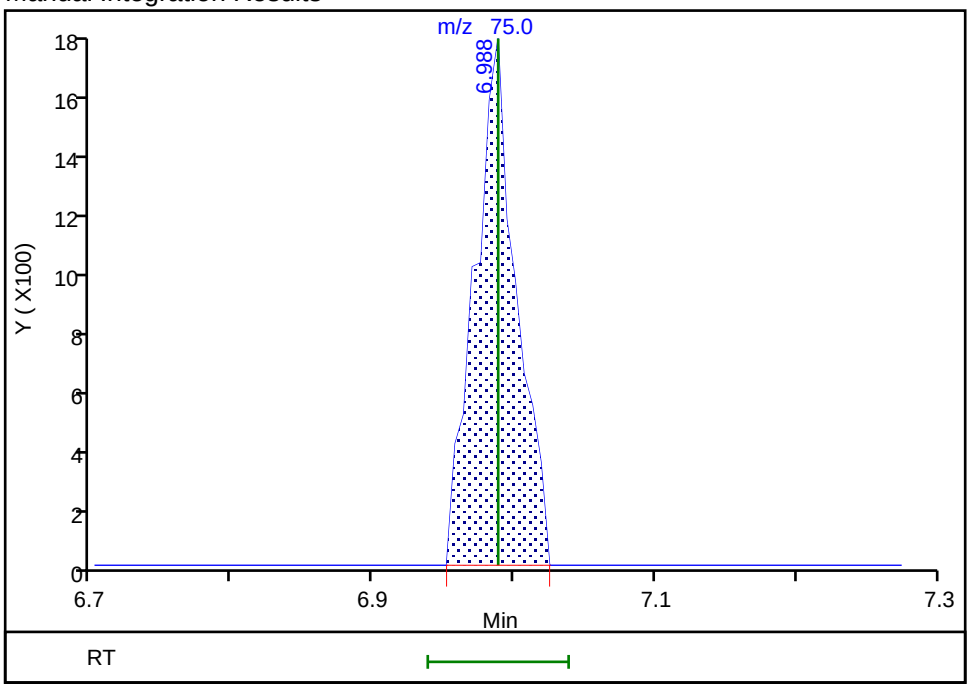
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 3674
Amount: 0.921205
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:28
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

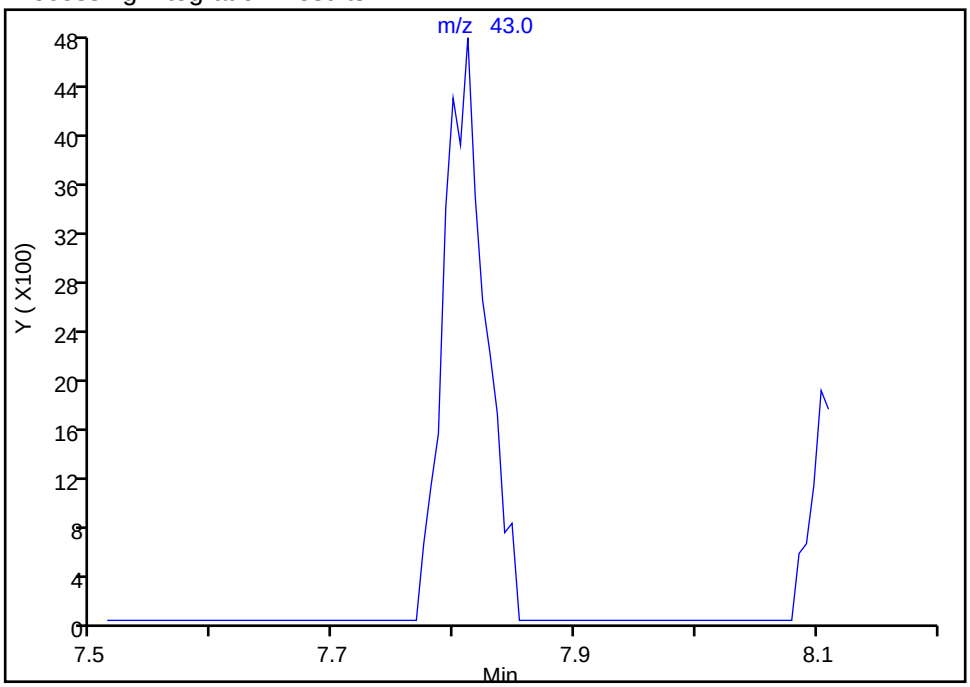
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 2-Hexanone, CAS: 591-78-6

Signal: 1

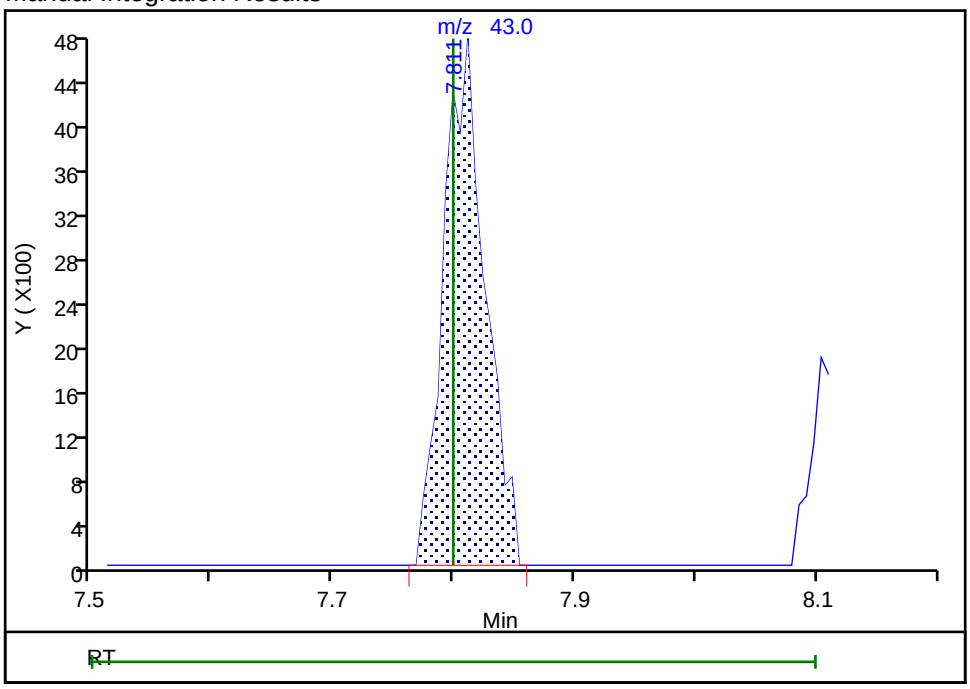
Not Detected
Expected RT: 7.80

Processing Integration Results



Manual Integration Results

RT: 7.81
Area: 11304
Amount: 4.728708
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

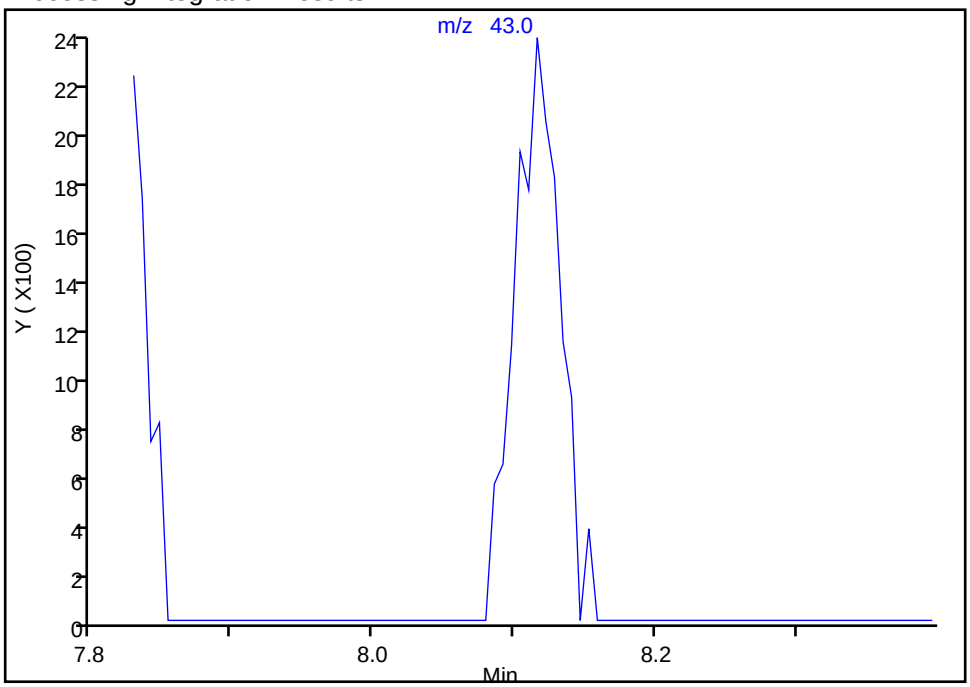
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

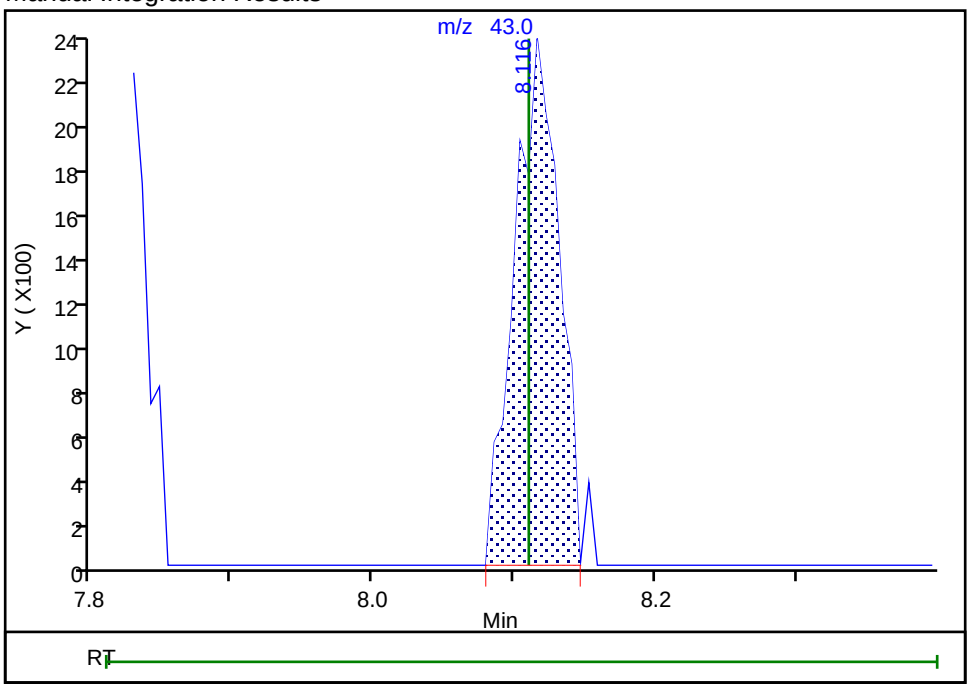
Not Detected
Expected RT: 8.11

Processing Integration Results



Manual Integration Results

RT: 8.12
Area: 5103
Amount: 0.957383
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:42
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

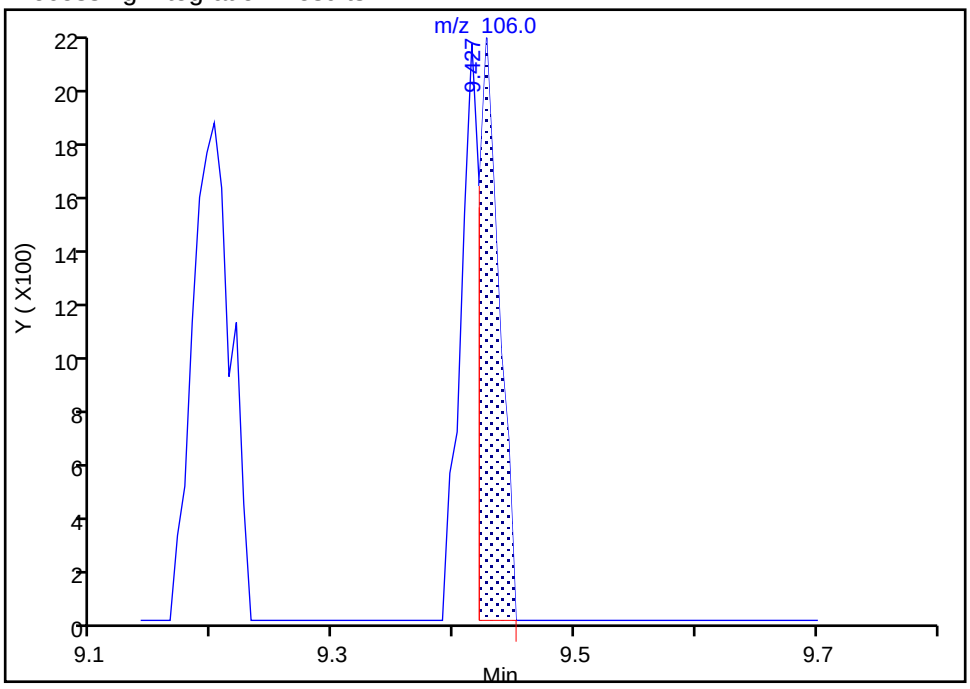
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

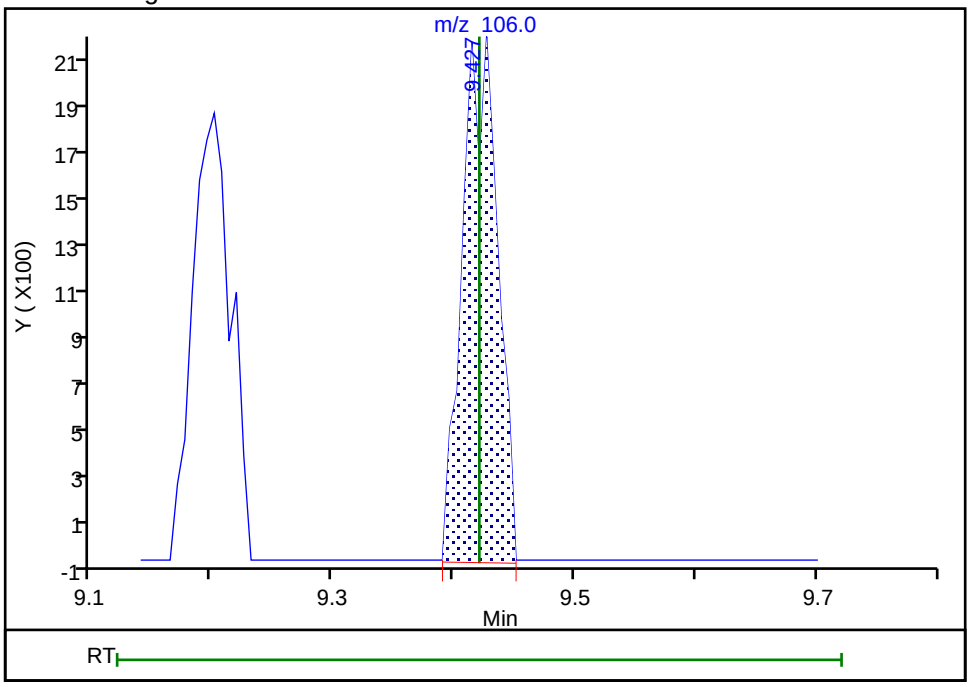
Processing Integration Results

RT: 9.43
Area: 2579
Amount: 0.513999
Amount Units: ug/l



Manual Integration Results

RT: 9.43
Area: 4412
Amount: 0.927308
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

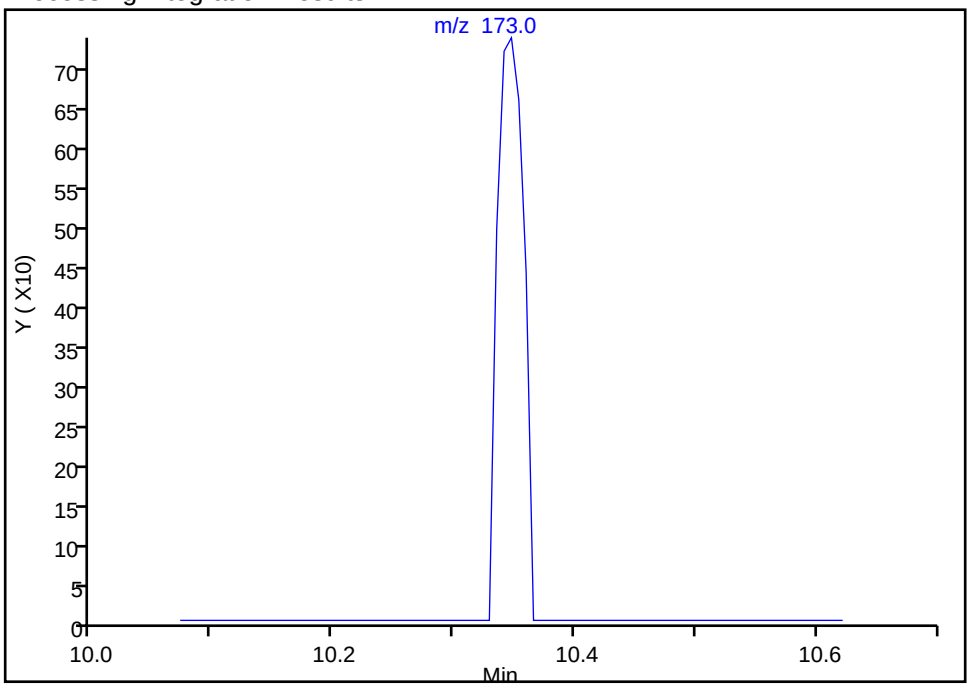
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

99 Bromoform, CAS: 75-25-2

Signal: 1

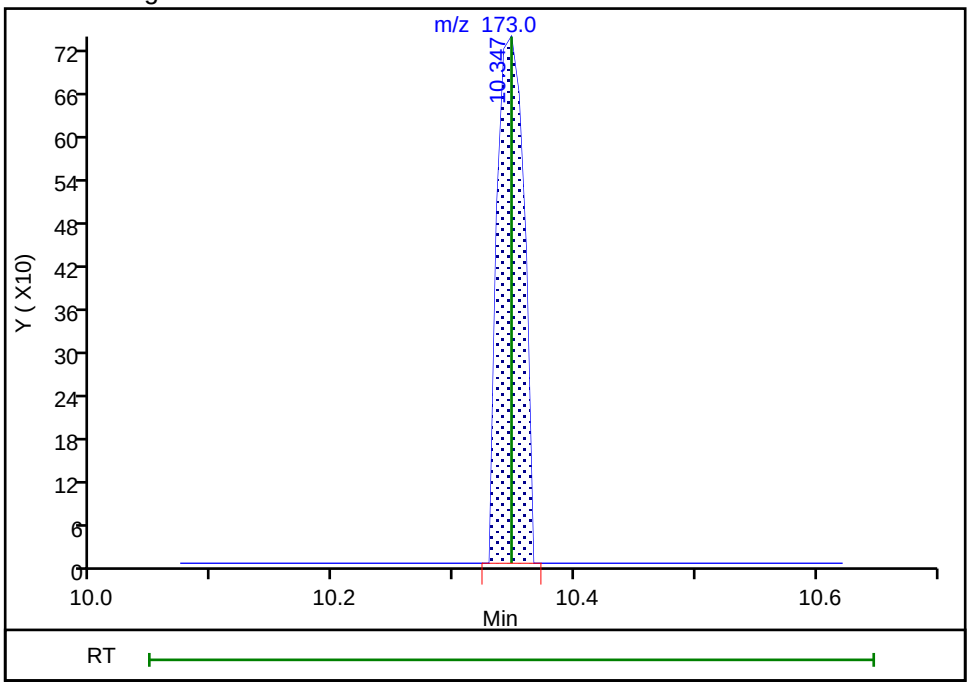
Not Detected
Expected RT: 10.35

Processing Integration Results



Manual Integration Results

RT: 10.35
Area: 1109
Amount: 0.802523
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:03:58
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

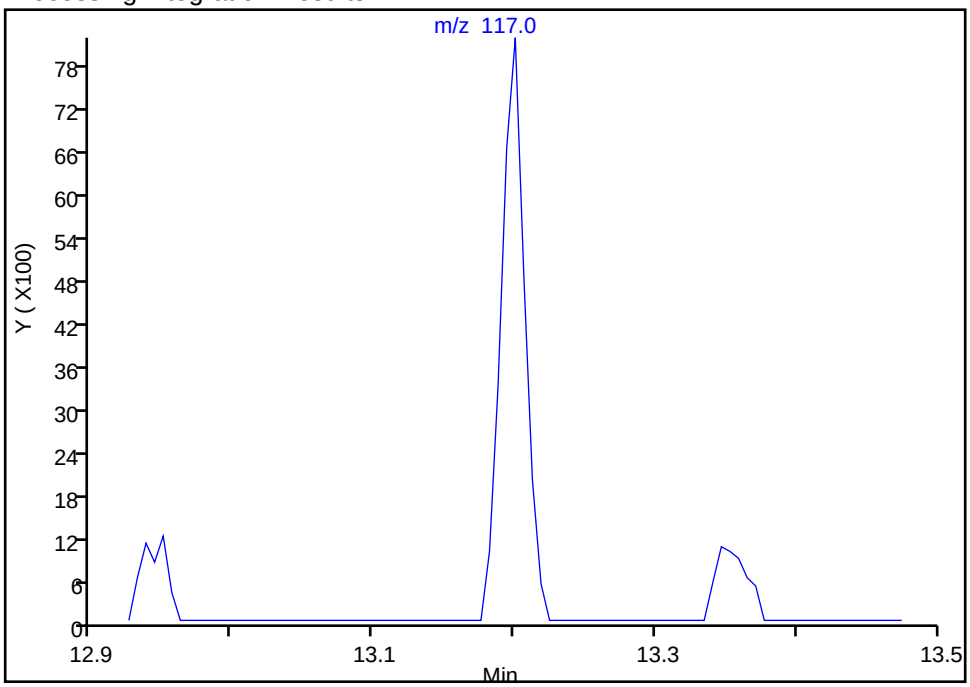
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 2,3-Dihydroindene, CAS: 496-11-7

Signal: 1

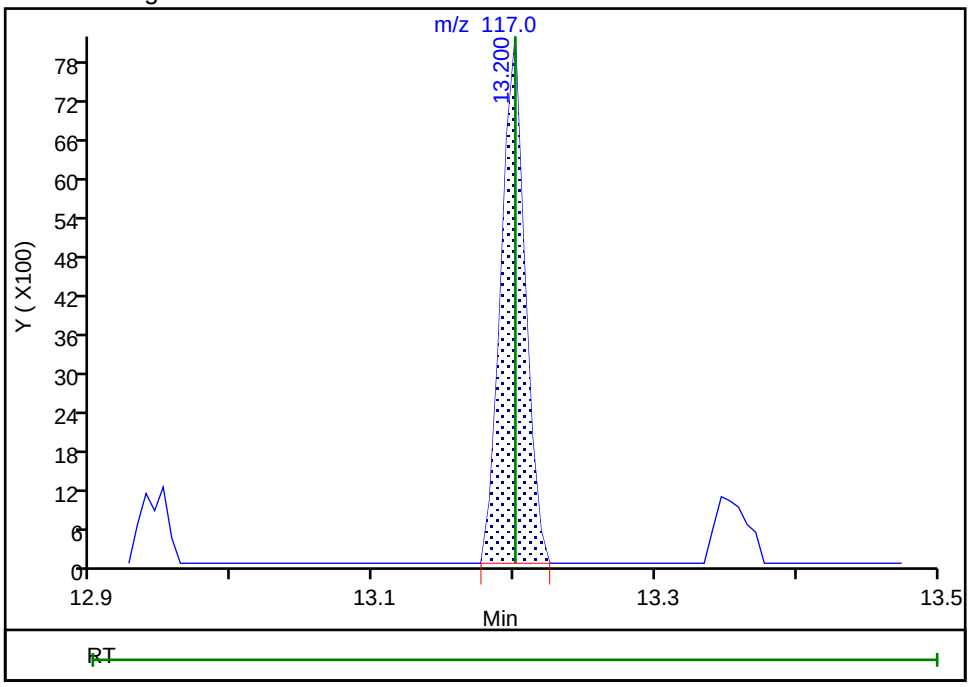
Not Detected
Expected RT: 13.20

Processing Integration Results



Manual Integration Results

RT: 13.20
Area: 9618
Amount: 0.913768
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:04:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

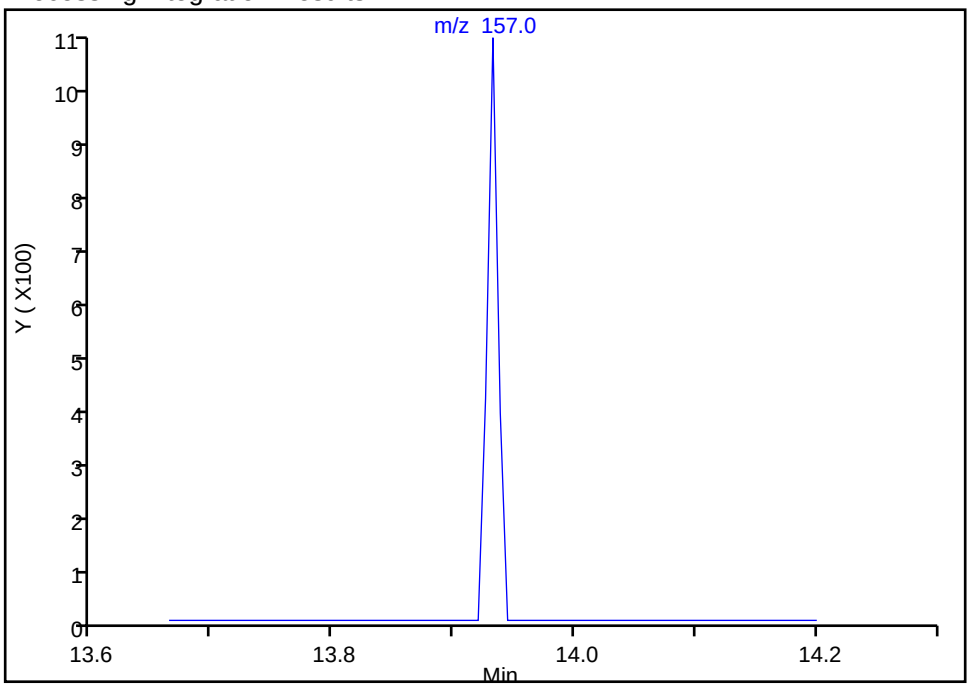
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D
Injection Date: 13-Oct-2022 04:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

126 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

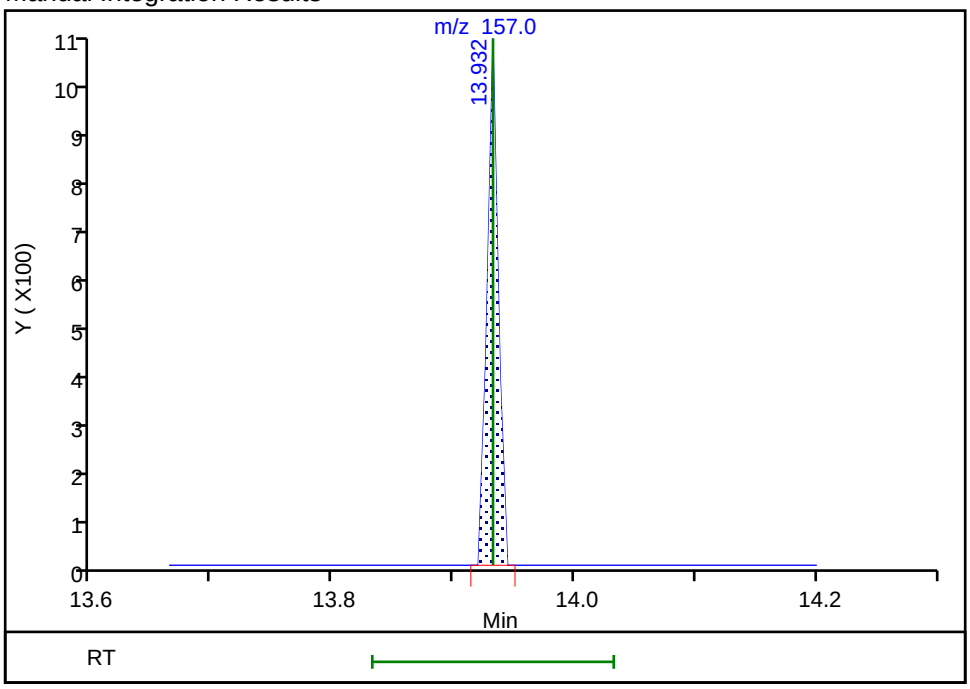
Not Detected
Expected RT: 13.93

Processing Integration Results



Manual Integration Results

RT: 13.93
Area: 664
Amount: 1.099919
Amount Units: ug/l



Reviewer: N1JZ, 13-Oct-2022 05:04:26
Audit Action: Assigned Compound ID Audit Reason: Baseline

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

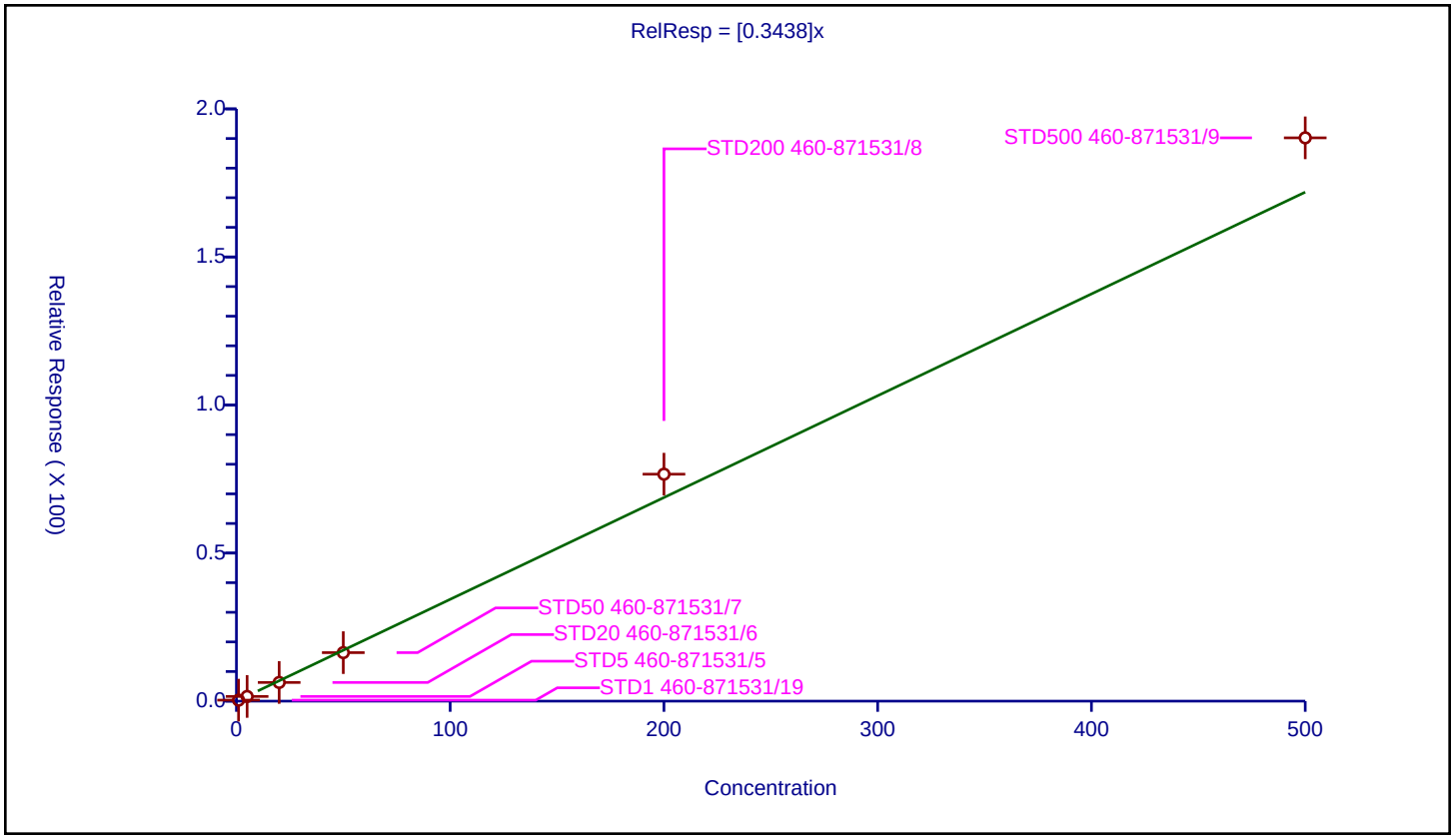
Curve Coefficients

Intercept:	0
Slope:	0.3438

Error Coefficients

Standard Error:	1490000
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	STD1 460-871531/19	1.0	0.339161	50.0	643794.0	0.339161	Y
2	STD5 460-871531/5	5.0	1.584049	50.0	665636.0	0.31681	Y
3	STD20 460-871531/6	20.0	6.307541	50.0	701787.0	0.315377	Y
4	STD50 460-871531/7	50.0	16.380714	50.0	727801.0	0.327614	Y
5	STD200 460-871531/8	200.0	76.641947	50.0	779547.0	0.38321	Y
6	STD500 460-871531/9	500.0	190.2273	50.0	817379.0	0.380455	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

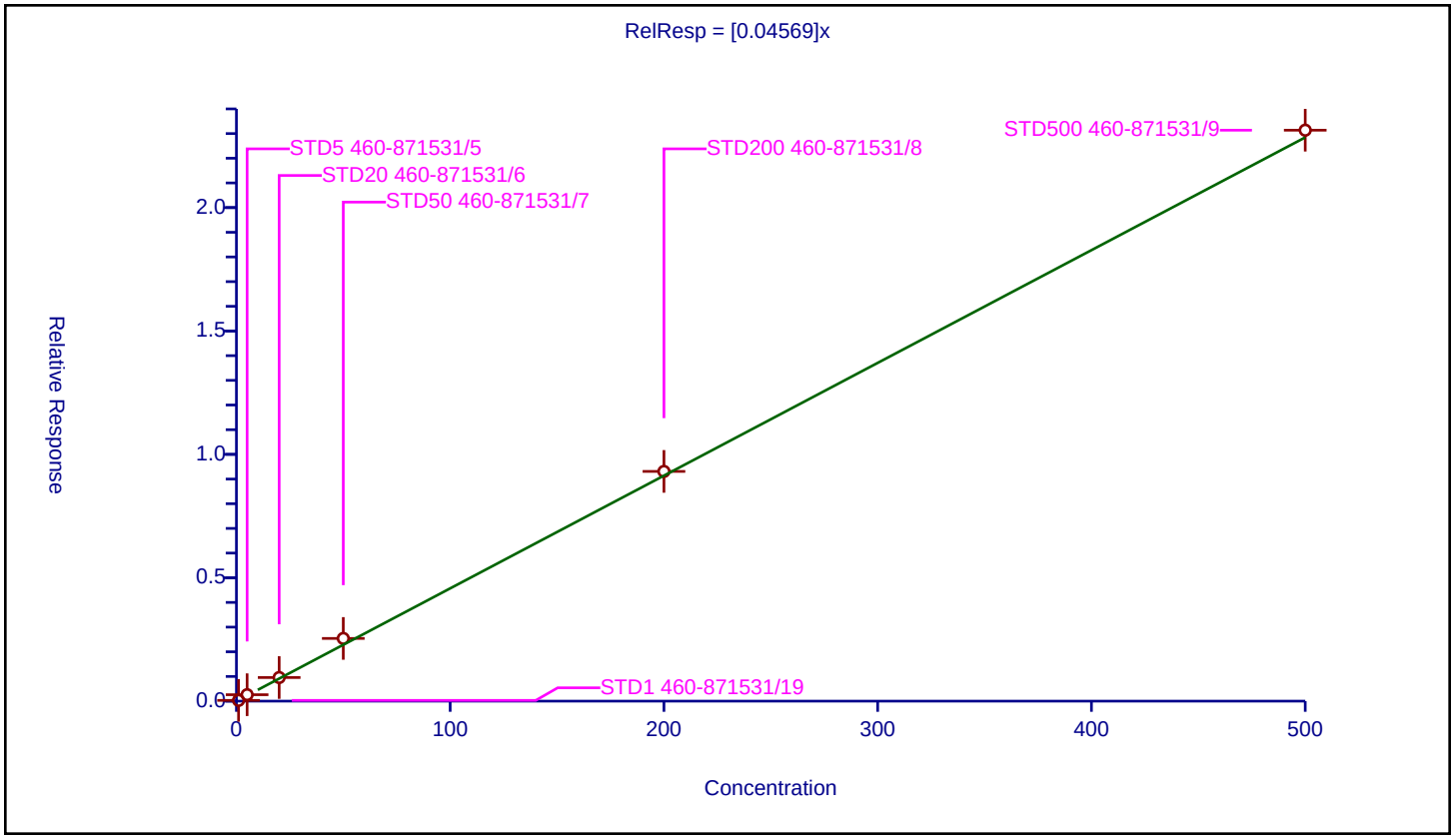
Curve Coefficients

Intercept:	0
Slope:	0.04569

Error Coefficients

Standard Error:	182000
Relative Standard Error:	17.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.0306	50.0	643794.0	0.0306	Y
2	STD5 460-871531/5	5.0	0.260127	50.0	665636.0	0.052025	Y
3	STD20 460-871531/6	20.0	0.957271	50.0	701787.0	0.047864	Y
4	STD50 460-871531/7	50.0	2.541011	50.0	727801.0	0.05082	Y
5	STD200 460-871531/8	200.0	9.309381	50.0	779547.0	0.046547	Y
6	STD500 460-871531/9	500.0	23.136819	50.0	817379.0	0.046274	Y



Calibration / Chloromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

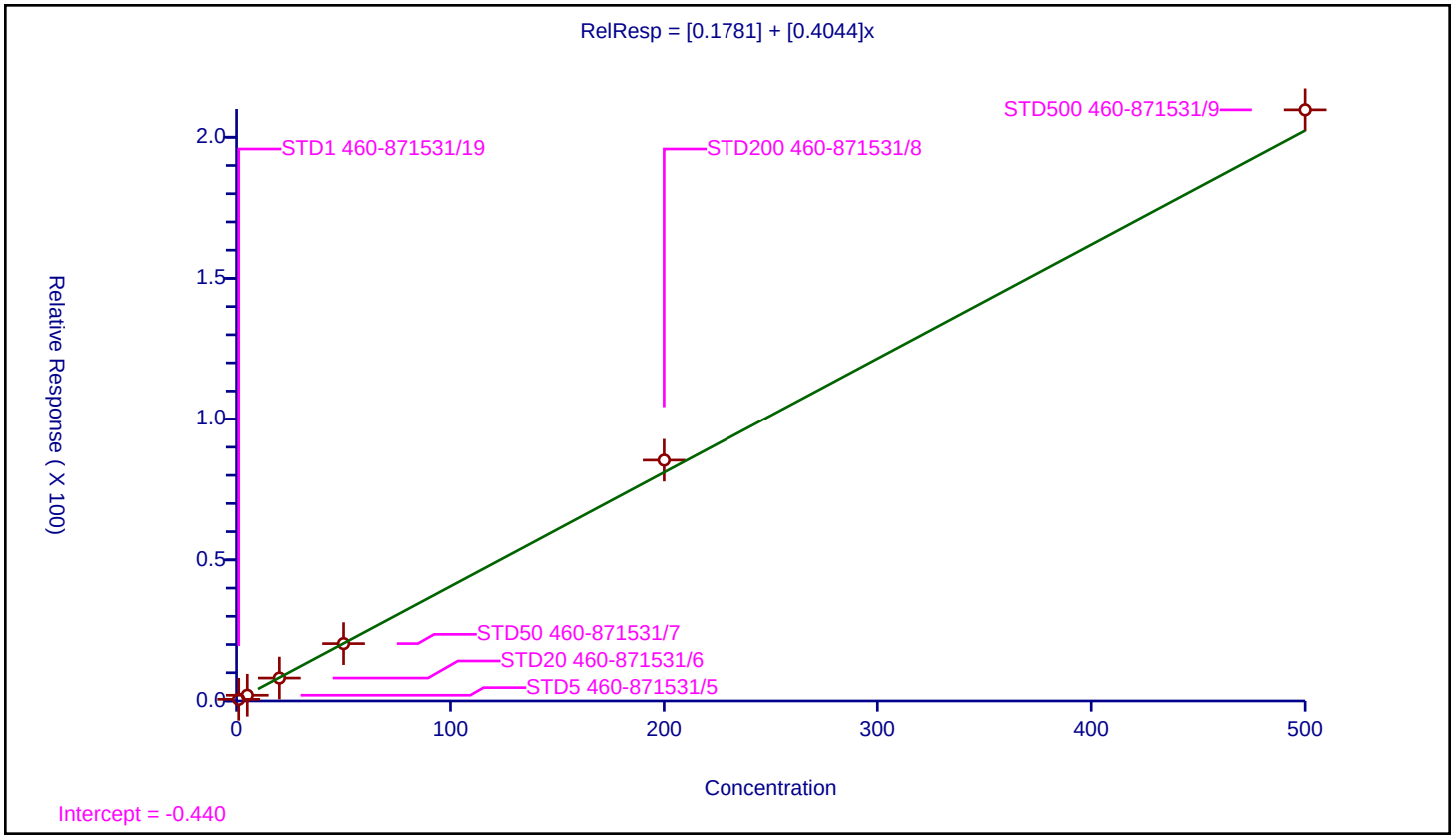
Curve Coefficients

Intercept:	0.1781
Slope:	0.4044

Error Coefficients

Standard Error:	1850000
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	STD1 460-871531/19	1.0	0.589552	50.0	643794.0	0.589552	Y
2	STD5 460-871531/5	5.0	2.030314	50.0	665636.0	0.406063	Y
3	STD20 460-871531/6	20.0	8.112575	50.0	701787.0	0.405629	Y
4	STD50 460-871531/7	50.0	20.314069	50.0	727801.0	0.406281	Y
5	STD200 460-871531/8	200.0	85.38414	50.0	779547.0	0.426921	Y
6	STD500 460-871531/9	500.0	209.695992	50.0	817379.0	0.419392	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

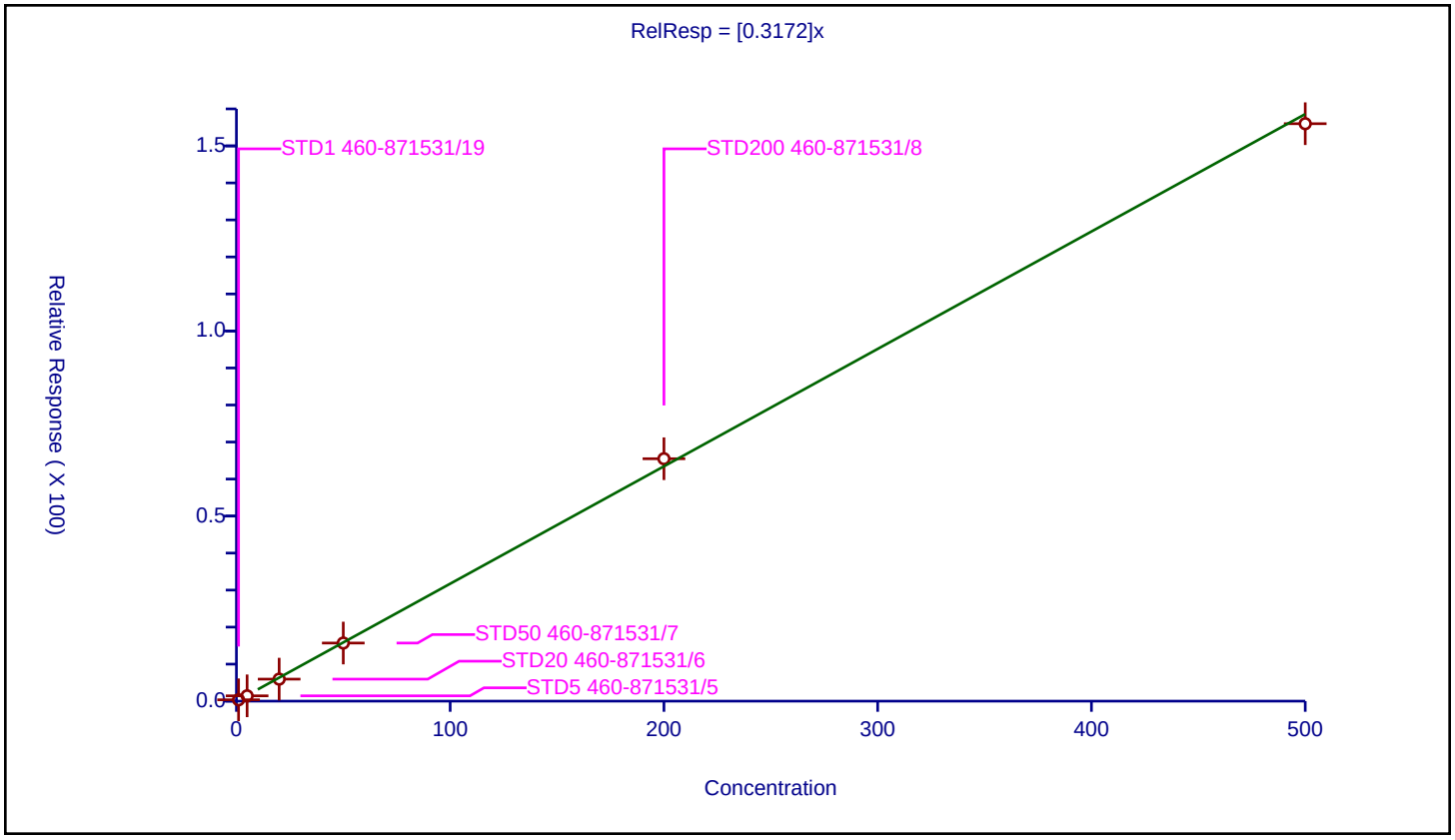
Curve Coefficients

Intercept:	0
Slope:	0.3172

Error Coefficients

Standard Error:	1230000
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	STD1 460-871531/19	1.0	0.364713	50.0	643794.0	0.364713	Y
2	STD5 460-871531/5	5.0	1.437798	50.0	665636.0	0.28756	Y
3	STD20 460-871531/6	20.0	5.947887	50.0	701787.0	0.297394	Y
4	STD50 460-871531/7	50.0	15.699003	50.0	727801.0	0.31398	Y
5	STD200 460-871531/8	200.0	65.485596	50.0	779547.0	0.327428	Y
6	STD500 460-871531/9	500.0	155.996912	50.0	817379.0	0.311994	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

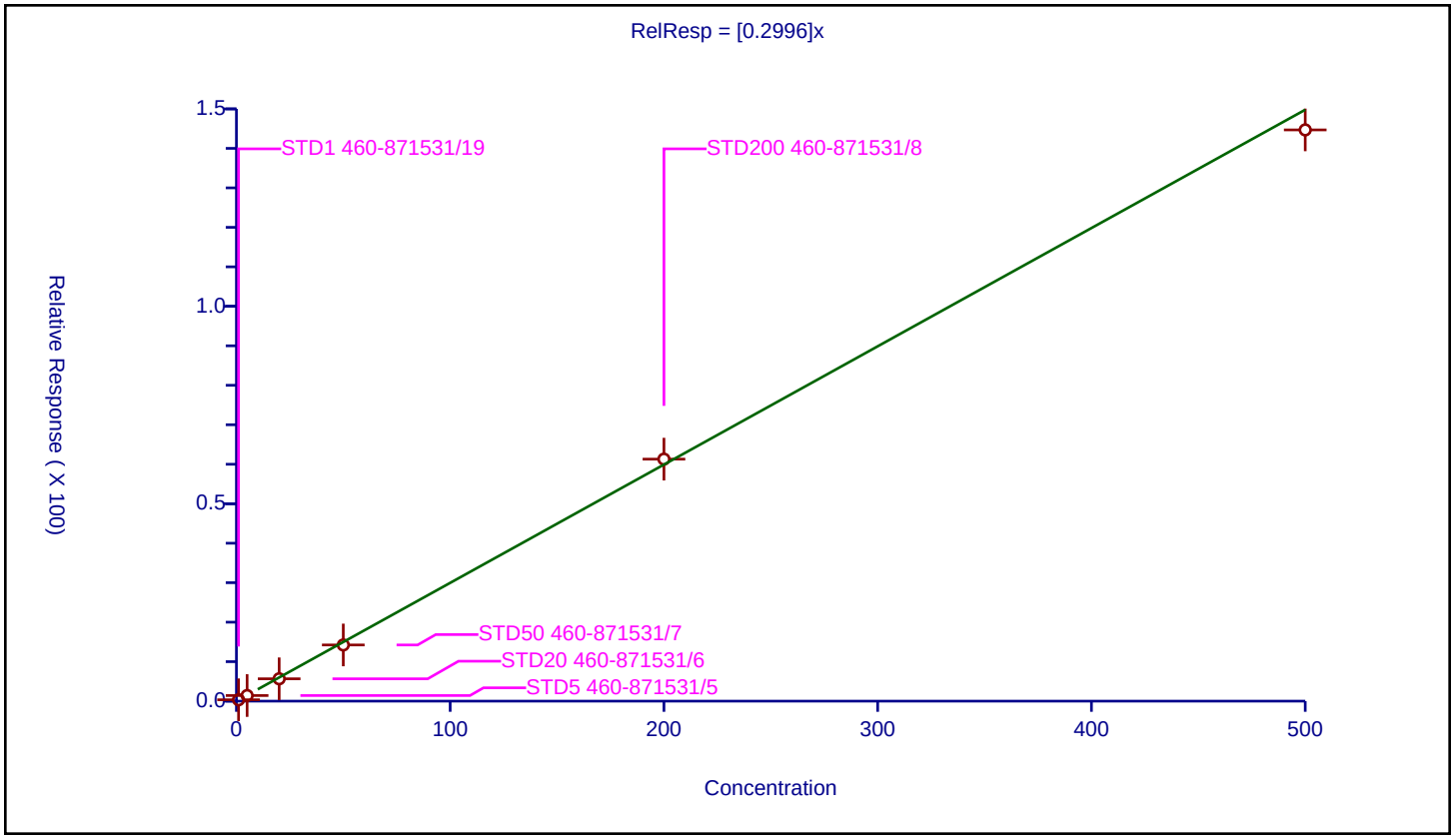
Curve Coefficients

Intercept:	0
Slope:	0.2996

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.350345	50.0	643794.0	0.350345	Y
2	STD5 460-871531/5	5.0	1.416991	50.0	665636.0	0.283398	Y
3	STD20 460-871531/6	20.0	5.662188	50.0	701787.0	0.283109	Y
4	STD50 460-871531/7	50.0	14.231637	50.0	727801.0	0.284633	Y
5	STD200 460-871531/8	200.0	61.296368	50.0	779547.0	0.306482	Y
6	STD500 460-871531/9	500.0	144.677683	50.0	817379.0	0.289355	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

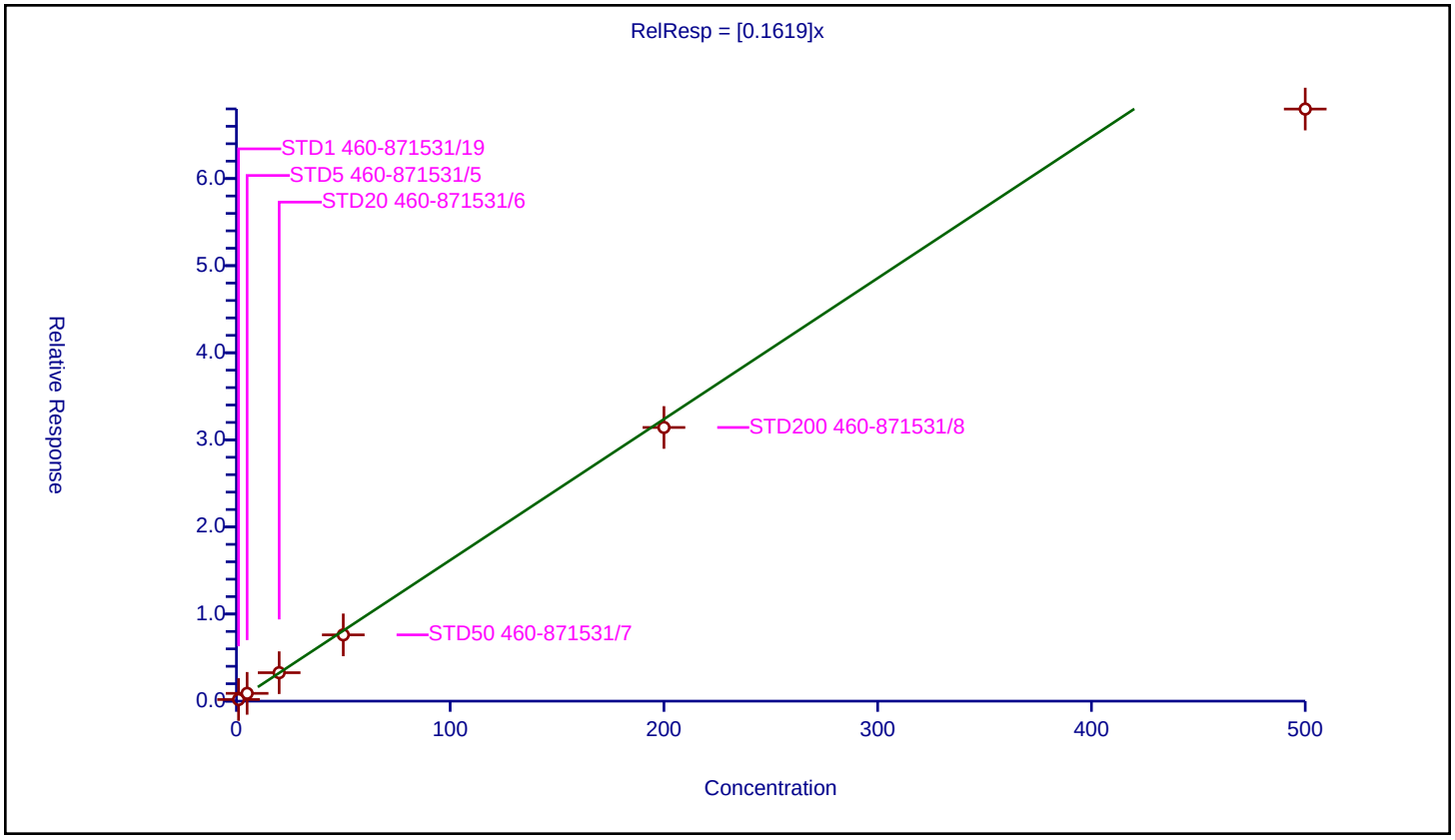
Curve Coefficients

Intercept:	0
Slope:	0.1619

Error Coefficients

Standard Error:	546000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.183754	50.0	643794.0	0.183754	Y
2	STD5 460-871531/5	5.0	0.894258	50.0	665636.0	0.178852	Y
3	STD20 460-871531/6	20.0	3.268727	50.0	701787.0	0.163436	Y
4	STD50 460-871531/7	50.0	7.608398	50.0	727801.0	0.152168	Y
5	STD200 460-871531/8	200.0	31.422416	50.0	779547.0	0.157112	Y
6	STD500 460-871531/9	500.0	67.981438	50.0	817379.0	0.135963	Y



Calibration / Chloroethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

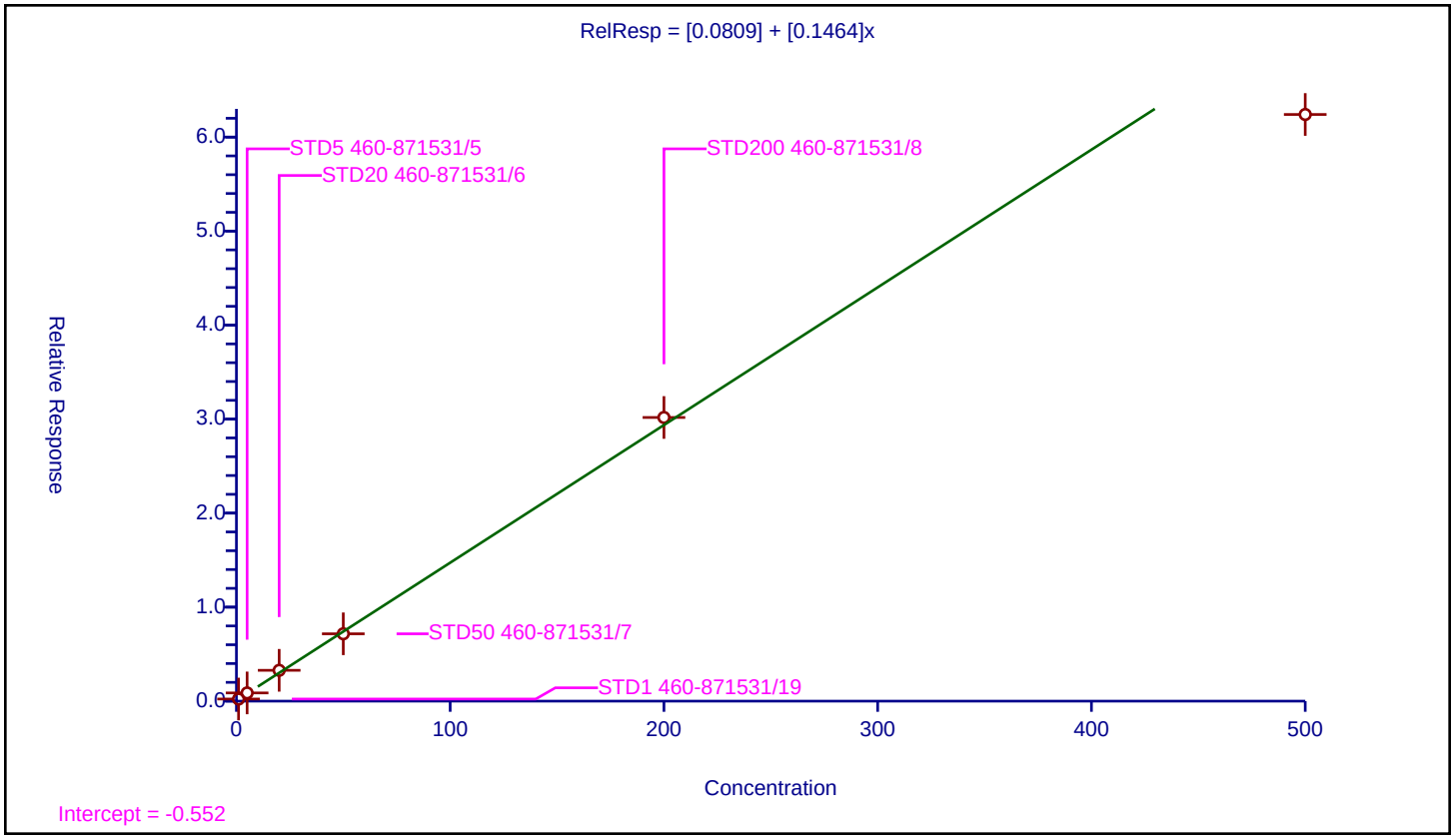
Curve Coefficients

Intercept:	0.0809
Slope:	0.1464

Error Coefficients

Standard Error:	565000
Relative Standard Error:	10.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.224373	50.0	643794.0	0.224373	Y
2	STD5 460-871531/5	5.0	0.873601	50.0	665636.0	0.17472	Y
3	STD20 460-871531/6	20.0	3.278488	50.0	701787.0	0.163924	Y
4	STD50 460-871531/7	50.0	7.164115	50.0	727801.0	0.143282	Y
5	STD200 460-871531/8	200.0	30.173806	50.0	779547.0	0.150869	Y
6	STD500 460-871531/9	500.0	62.403793	50.0	817379.0	0.124808	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

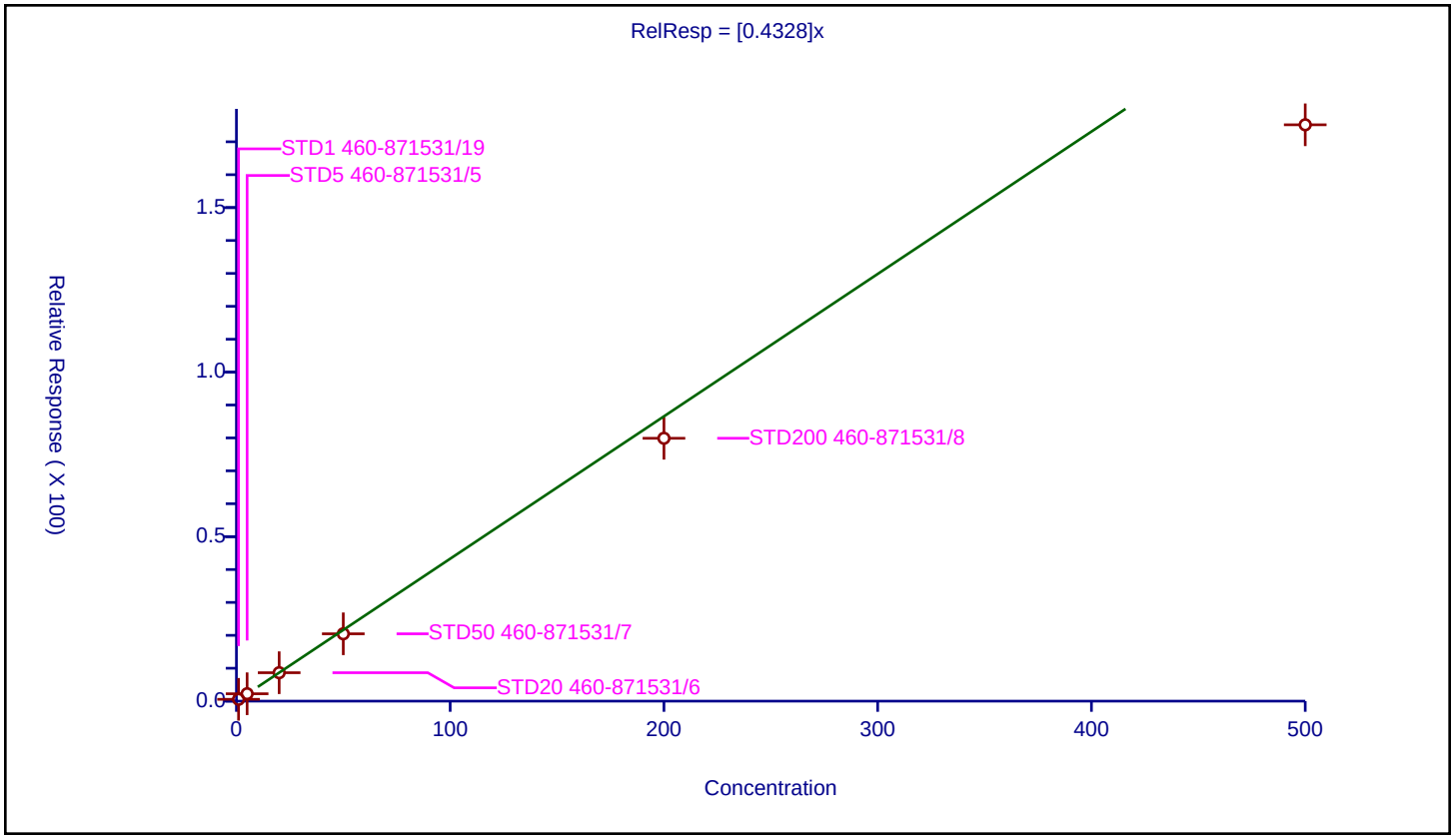
Curve Coefficients

Intercept:	0
Slope:	0.4328

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	15.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.55538	50.0	643794.0	0.55538	Y
2	STD5 460-871531/5	5.0	2.250179	50.0	665636.0	0.450036	Y
3	STD20 460-871531/6	20.0	8.641725	50.0	701787.0	0.432086	Y
4	STD50 460-871531/7	50.0	20.463973	50.0	727801.0	0.409279	Y
5	STD200 460-871531/8	200.0	79.894798	50.0	779547.0	0.399474	Y
6	STD500 460-871531/9	500.0	175.169291	50.0	817379.0	0.350339	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

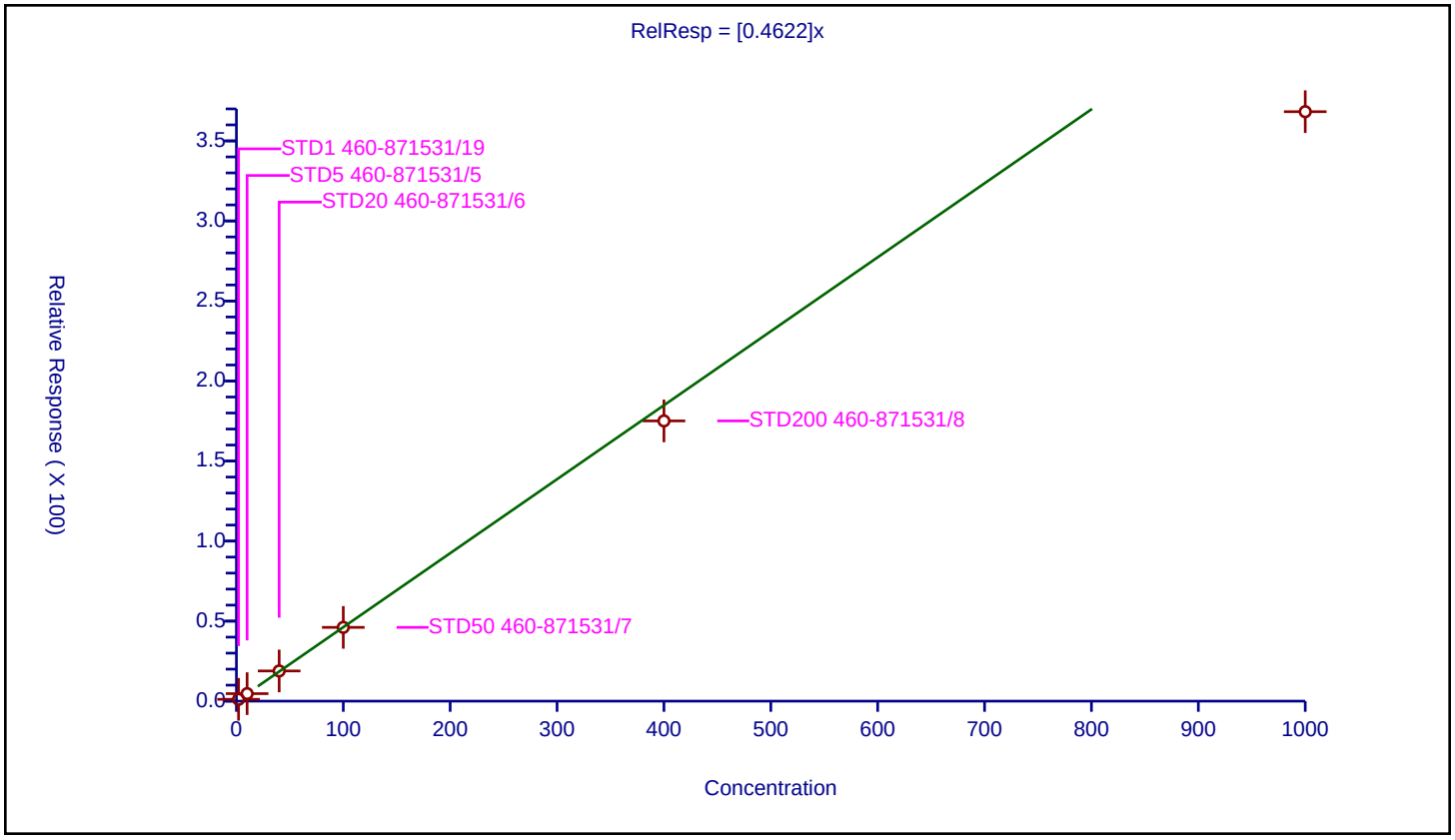
Curve Coefficients

Intercept:	0
Slope:	0.4622

Error Coefficients

Standard Error:	2970000
Relative Standard Error:	13.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	2.0	1.13266	50.0	643794.0	0.56633	Y
2	STD5 460-871531/5	10.0	4.681012	50.0	665636.0	0.468101	Y
3	STD20 460-871531/6	40.0	18.867548	50.0	701787.0	0.471689	Y
4	STD50 460-871531/7	100.0	46.088423	50.0	727801.0	0.460884	Y
5	STD200 460-871531/8	400.0	175.070778	50.0	779547.0	0.437677	Y
6	STD500 460-871531/9	1000.0	368.250775	50.0	817379.0	0.368251	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

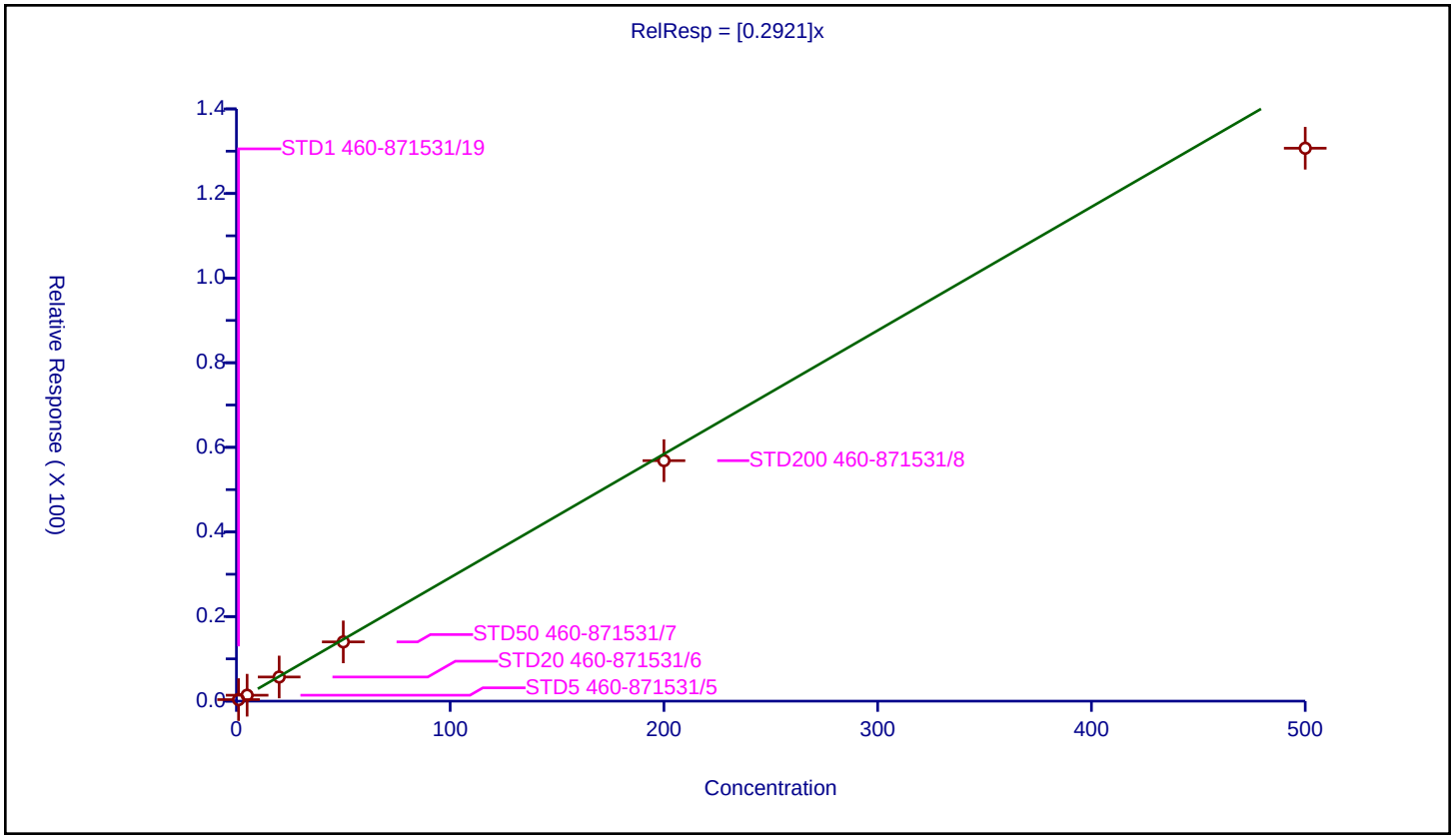
Curve Coefficients

Intercept:	0
Slope:	0.2921

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.360519	50.0	643794.0	0.360519	Y
2	STD5 460-871531/5	5.0	1.403845	50.0	665636.0	0.280769	Y
3	STD20 460-871531/6	20.0	5.70857	50.0	701787.0	0.285428	Y
4	STD50 460-871531/7	50.0	14.002591	50.0	727801.0	0.280052	Y
5	STD200 460-871531/8	200.0	56.852377	50.0	779547.0	0.284262	Y
6	STD500 460-871531/9	500.0	130.703627	50.0	817379.0	0.261407	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

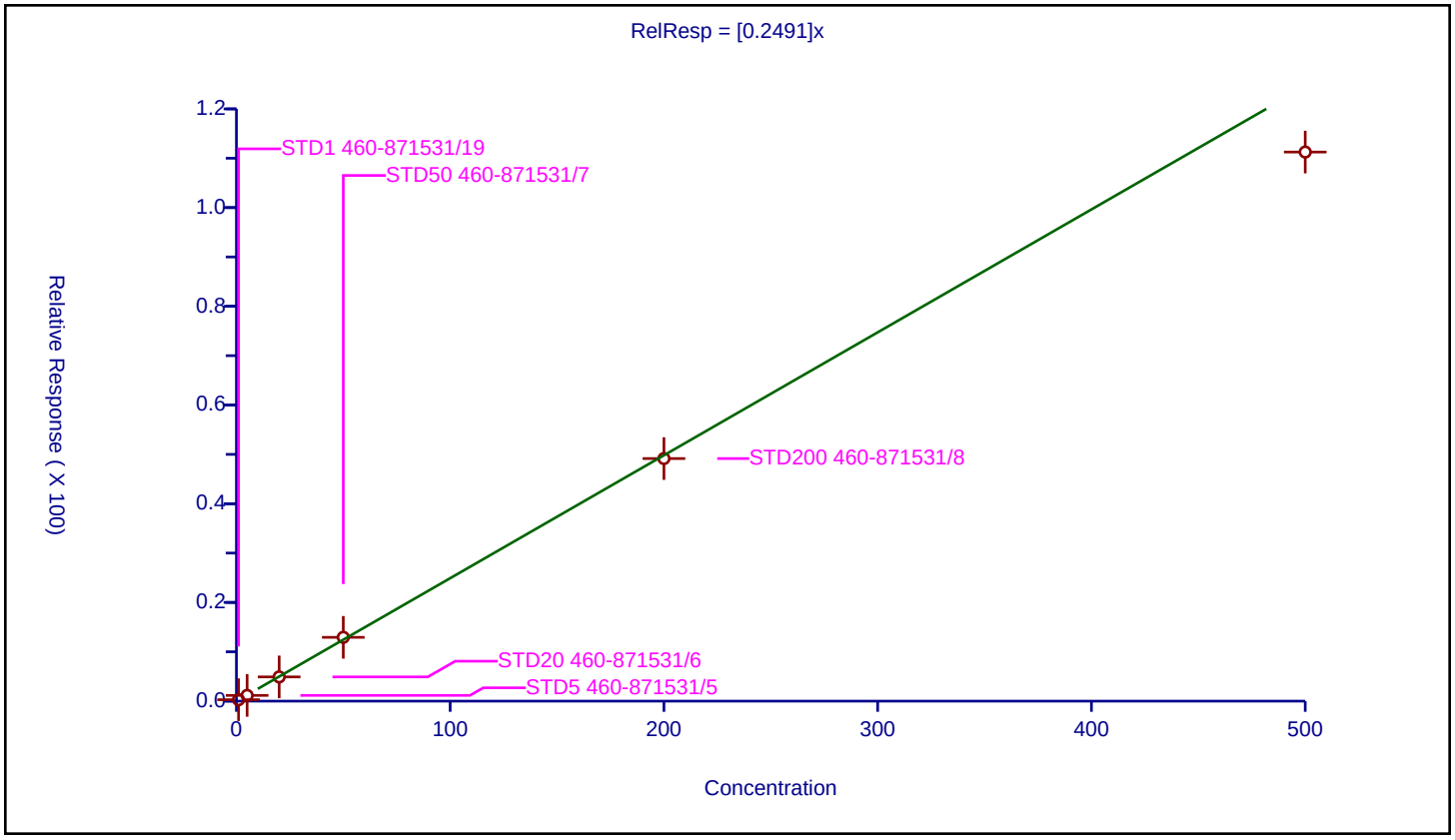
Curve Coefficients

Intercept:	0
Slope:	0.2491

Error Coefficients

Standard Error:	887000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.289844	50.0	643794.0	0.289844	Y
2	STD5 460-871531/5	5.0	1.161295	50.0	665636.0	0.232259	Y
3	STD20 460-871531/6	20.0	4.909609	50.0	701787.0	0.24548	Y
4	STD50 460-871531/7	50.0	12.928191	50.0	727801.0	0.258564	Y
5	STD200 460-871531/8	200.0	49.15329	50.0	779547.0	0.245766	Y
6	STD500 460-871531/9	500.0	111.257385	50.0	817379.0	0.222515	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

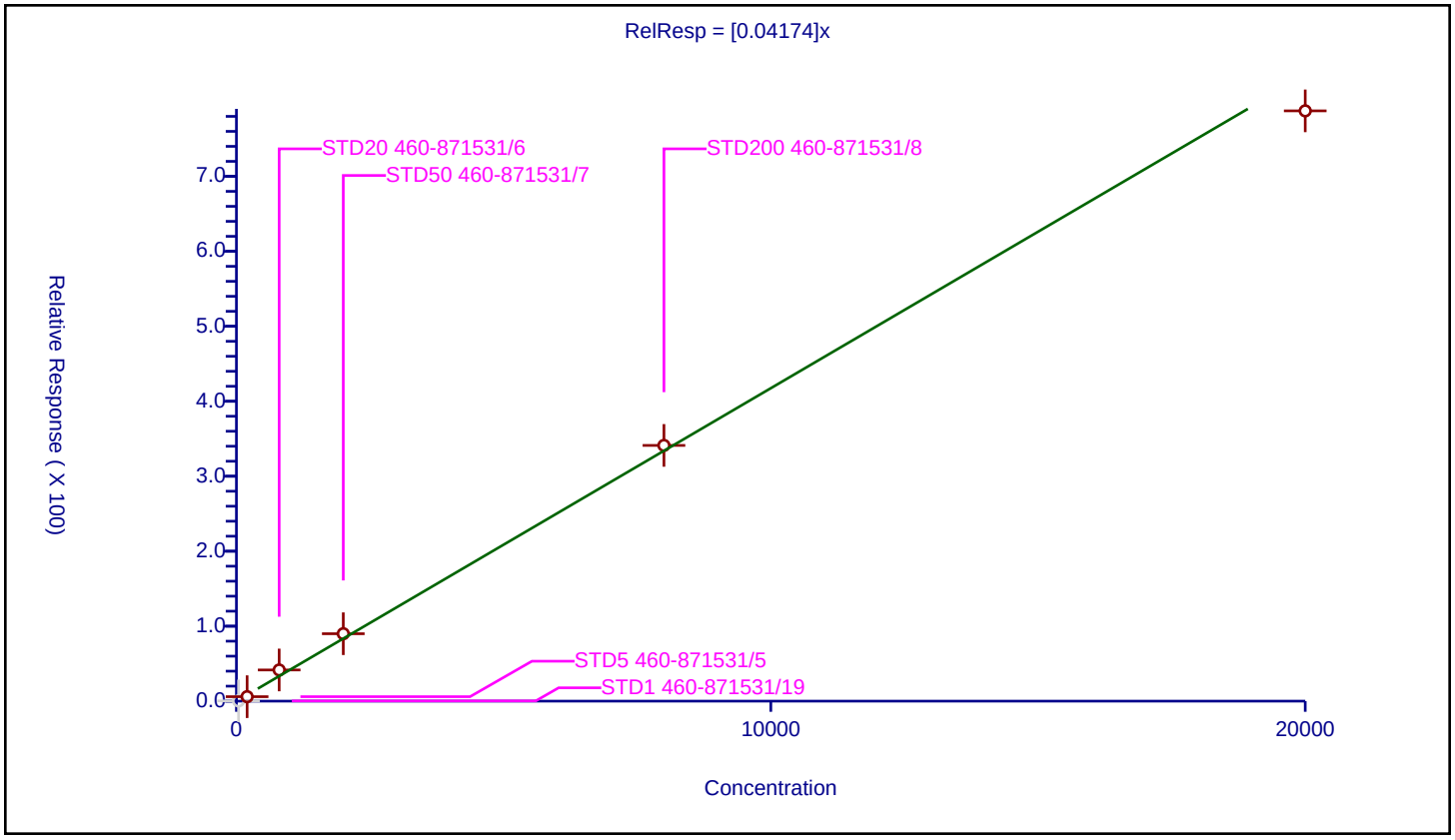
Curve Coefficients

Intercept:	0
Slope:	0.04174

Error Coefficients

Standard Error:	220000
Relative Standard Error:	19.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	40.0	0.30096	1000.0	415337.0	0.007524	N
2	STD5 460-871531/5	200.0	5.954148	1000.0	438014.0	0.029771	Y
3	STD20 460-871531/6	800.0	41.567746	1000.0	455329.0	0.05196	Y
4	STD50 460-871531/7	2000.0	89.938802	1000.0	492824.0	0.044969	Y
5	STD200 460-871531/8	8000.0	341.104649	1000.0	491251.0	0.042638	Y
6	STD500 460-871531/9	20000.0	787.369455	1000.0	513327.0	0.039368	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

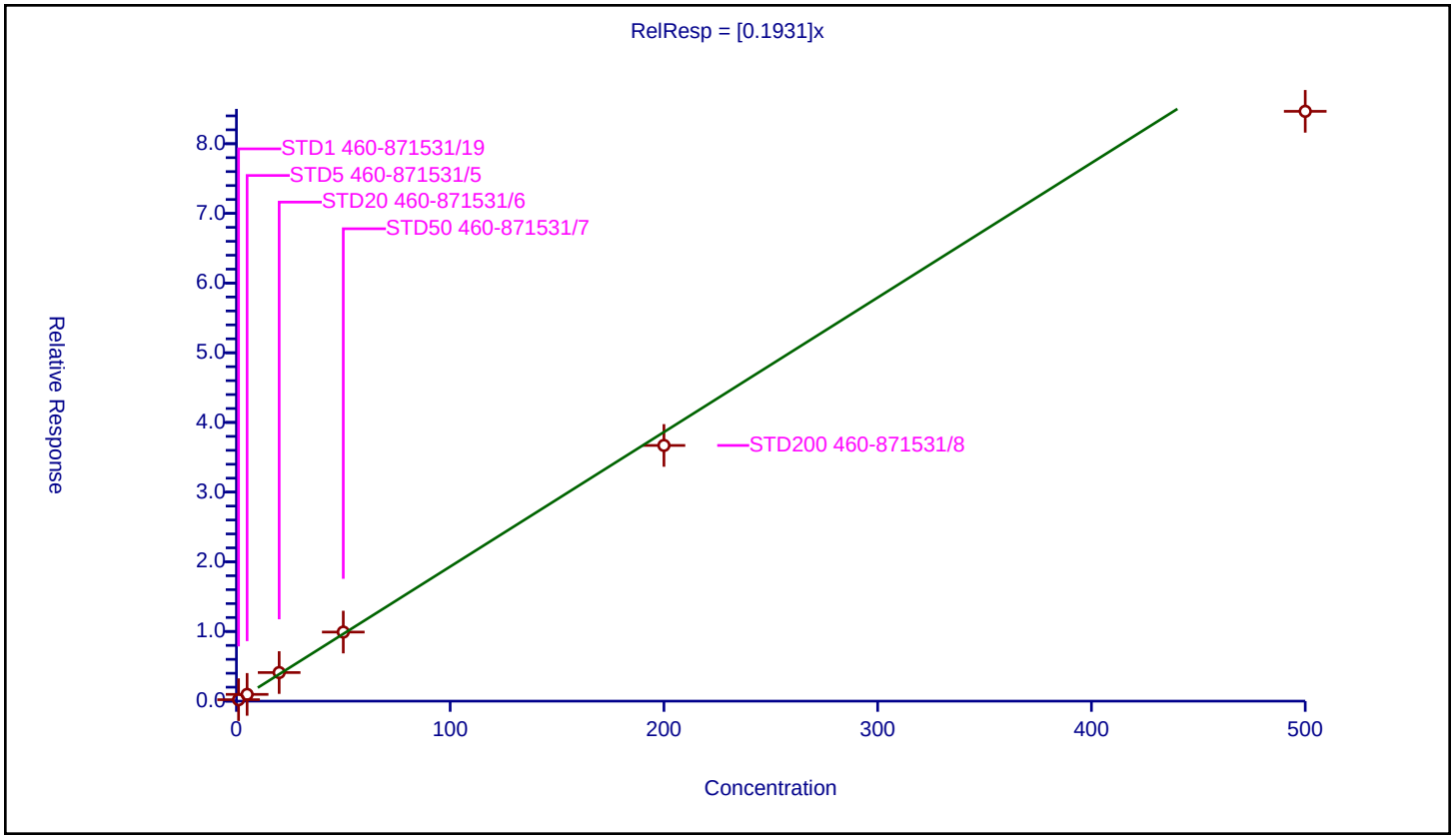
Curve Coefficients

Intercept:	0
Slope:	0.1931

Error Coefficients

Standard Error:	673000
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	STD1 460-871531/19	1.0	0.208762	50.0	643794.0	0.208762	Y
2	STD5 460-871531/5	5.0	0.967571	50.0	665636.0	0.193514	Y
3	STD20 460-871531/6	20.0	4.104166	50.0	701787.0	0.205208	Y
4	STD50 460-871531/7	50.0	9.912188	50.0	727801.0	0.198244	Y
5	STD200 460-871531/8	200.0	36.698942	50.0	779547.0	0.183495	Y
6	STD500 460-871531/9	500.0	84.650756	50.0	817379.0	0.169302	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

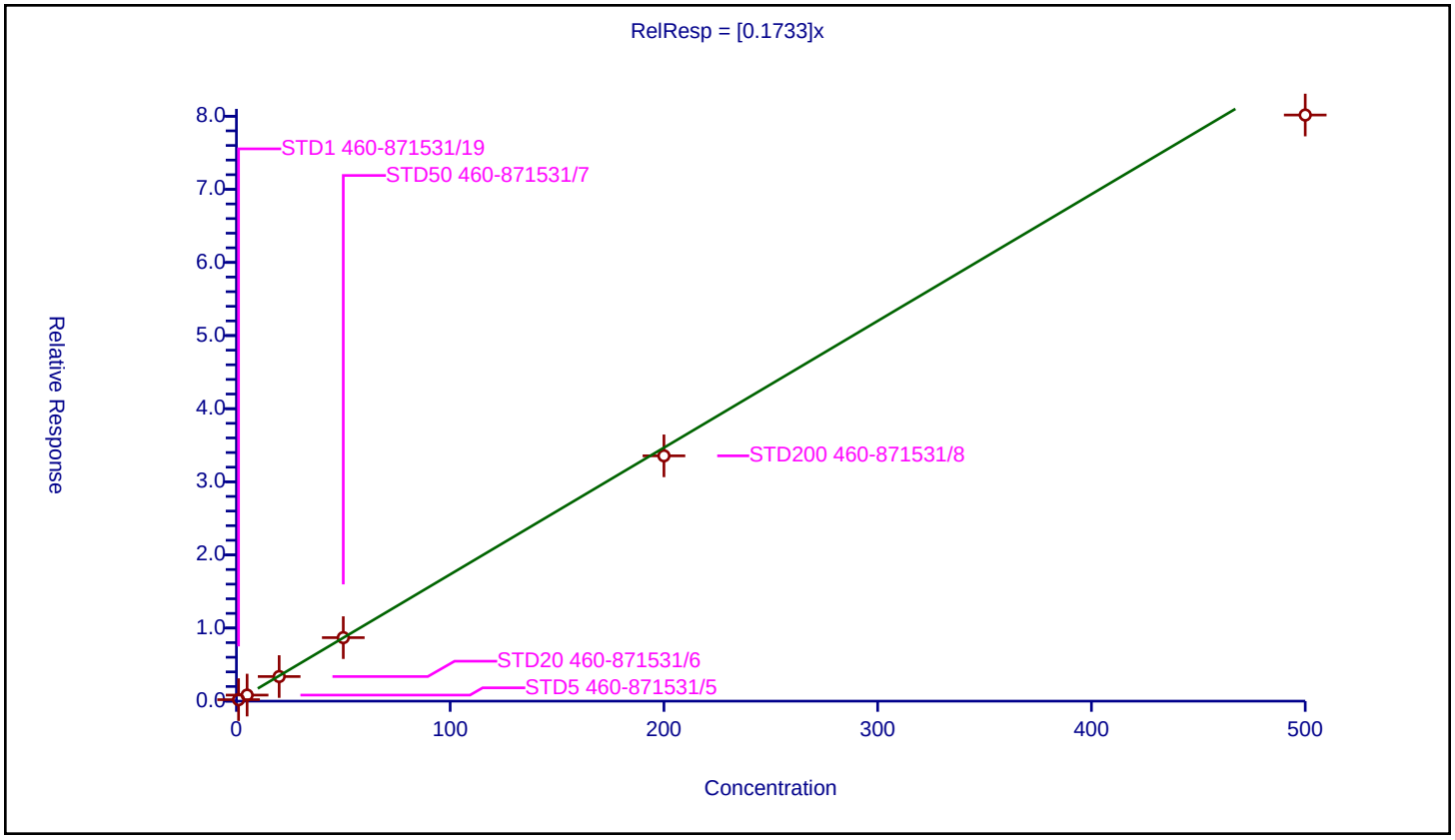
Curve Coefficients

Intercept:	0
Slope:	0.1733

Error Coefficients

Standard Error:	634000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.203947	50.0	643794.0	0.203947	Y
2	STD5 460-871531/5	5.0	0.829507	50.0	665636.0	0.165901	Y
3	STD20 460-871531/6	20.0	3.365551	50.0	701787.0	0.168278	Y
4	STD50 460-871531/7	50.0	8.685891	50.0	727801.0	0.173718	Y
5	STD200 460-871531/8	200.0	33.551409	50.0	779547.0	0.167757	Y
6	STD500 460-871531/9	500.0	80.16055	50.0	817379.0	0.160321	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

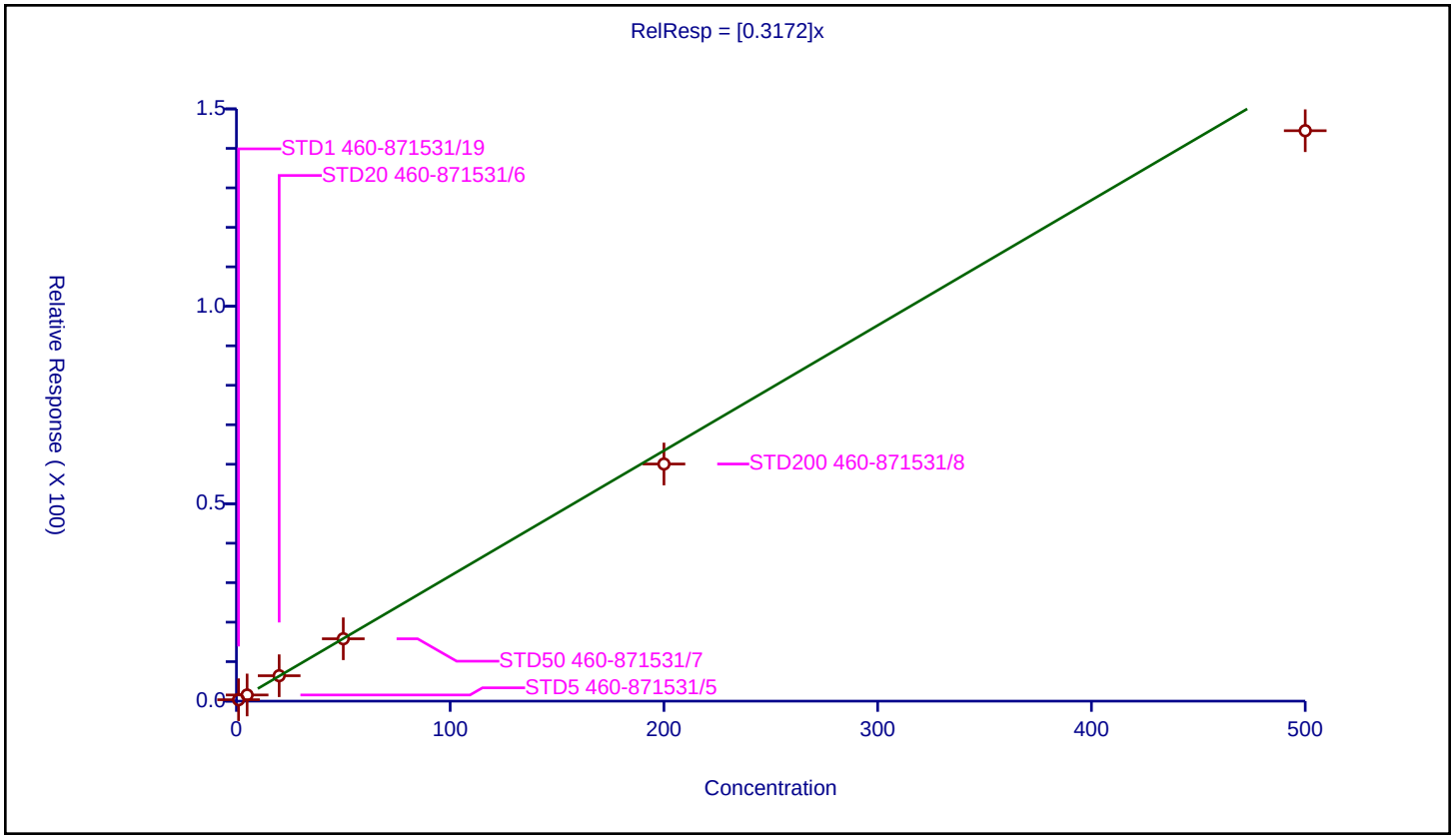
Curve Coefficients

Intercept:	0
Slope:	0.3172

Error Coefficients

Standard Error:	1140000
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	STD1 460-871531/19	1.0	0.36347	50.0	643794.0	0.36347	Y
2	STD5 460-871531/5	5.0	1.563317	50.0	665636.0	0.312663	Y
3	STD20 460-871531/6	20.0	6.439204	50.0	701787.0	0.32196	Y
4	STD50 460-871531/7	50.0	15.795252	50.0	727801.0	0.315905	Y
5	STD200 460-871531/8	200.0	60.0577	50.0	779547.0	0.300289	Y
6	STD500 460-871531/9	500.0	144.474228	50.0	817379.0	0.288948	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

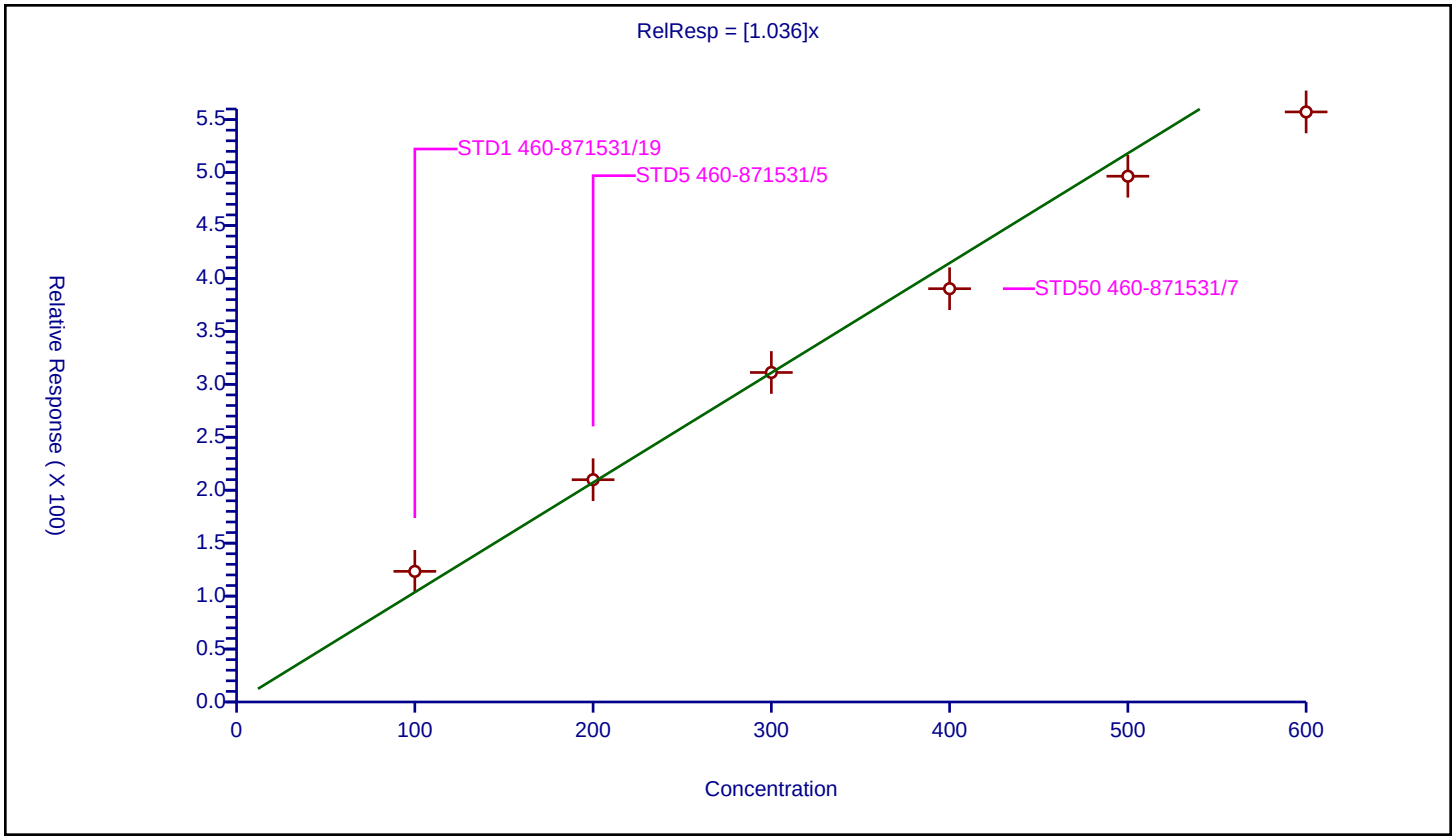
Curve Coefficients

Intercept:	0
Slope:	1.036

Error Coefficients

Standard Error:	204000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	100.0	123.350436	1000.0	415337.0	1.233504	Y
2	STD5 460-871531/5	200.0	209.931646	1000.0	438014.0	1.049658	Y
3	STD20 460-871531/6	300.0	311.177193	1000.0	455329.0	1.037257	Y
4	STD50 460-871531/7	400.0	390.3219	1000.0	492824.0	0.975805	Y
5	STD200 460-871531/8	500.0	496.534358	1000.0	491251.0	0.993069	Y
6	STD500 460-871531/9	600.0	557.252979	1000.0	513327.0	0.928755	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

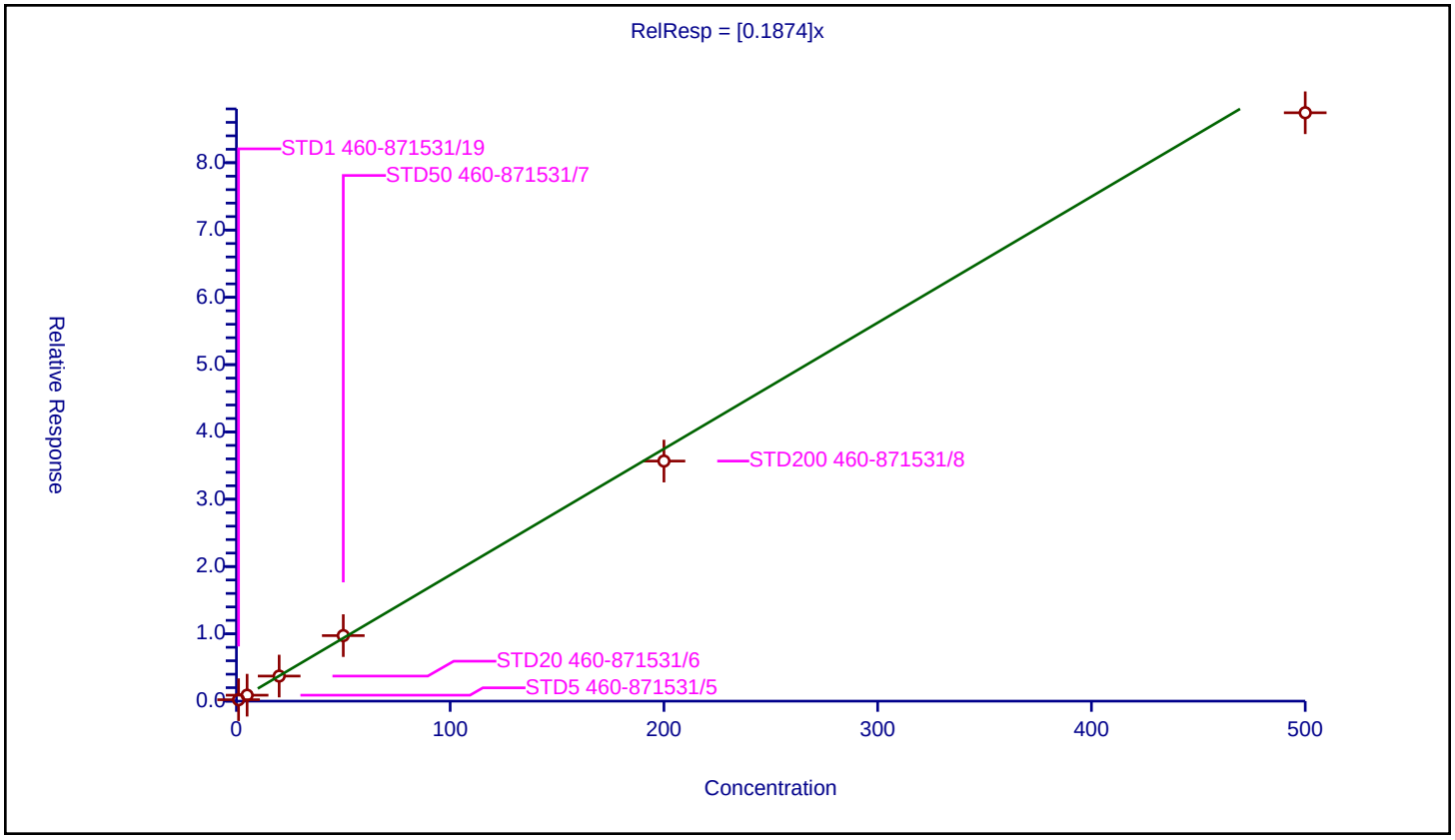
Curve Coefficients

Intercept:	0
Slope:	0.1874

Error Coefficients

Standard Error:	689000
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	STD1 460-871531/19	1.0	0.213267	50.0	643794.0	0.213267	Y
2	STD5 460-871531/5	5.0	0.884492	50.0	665636.0	0.176898	Y
3	STD20 460-871531/6	20.0	3.727556	50.0	701787.0	0.186378	Y
4	STD50 460-871531/7	50.0	9.738926	50.0	727801.0	0.194779	Y
5	STD200 460-871531/8	200.0	35.670716	50.0	779547.0	0.178354	Y
6	STD500 460-871531/9	500.0	87.424928	50.0	817379.0	0.17485	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

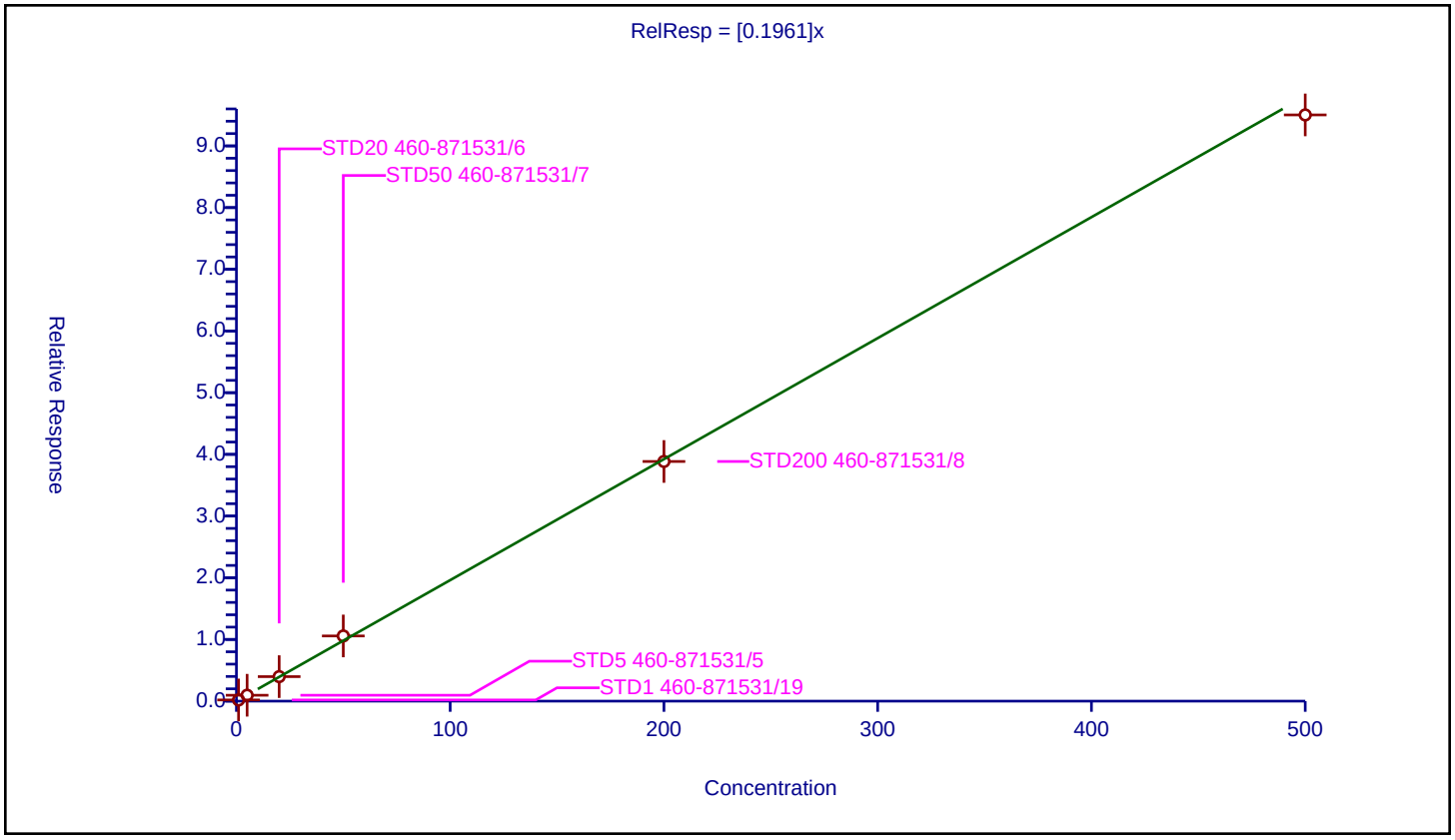
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Standard Error:	749000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.190822	50.0	643794.0	0.190822	Y
2	STD5 460-871531/5	5.0	0.958031	50.0	665636.0	0.191606	Y
3	STD20 460-871531/6	20.0	3.973927	50.0	701787.0	0.198696	Y
4	STD50 460-871531/7	50.0	10.566762	50.0	727801.0	0.211335	Y
5	STD200 460-871531/8	200.0	38.846535	50.0	779547.0	0.194233	Y
6	STD500 460-871531/9	500.0	95.0233	50.0	817379.0	0.190047	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

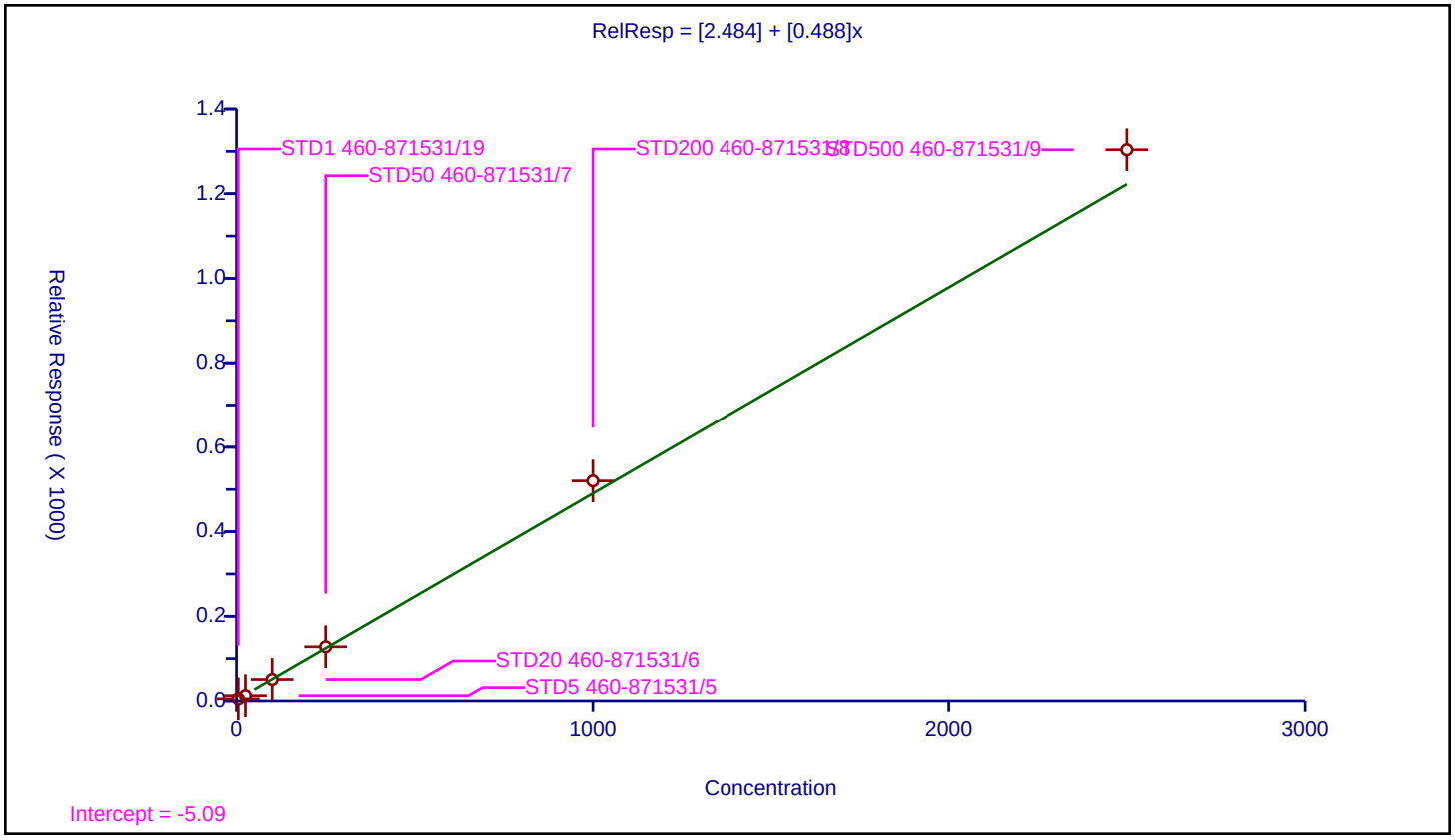
Curve Coefficients

Intercept:	2.484
Slope:	0.488

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	5.0	5.009973	250.0	464274.0	1.001995	Y
2	STD5 460-871531/5	25.0	12.512558	250.0	495702.0	0.500502	Y
3	STD20 460-871531/6	100.0	50.658158	250.0	525710.0	0.506582	Y
4	STD50 460-871531/7	250.0	127.917584	250.0	543729.0	0.51167	Y
5	STD200 460-871531/8	1000.0	520.195394	250.0	563631.0	0.520195	Y
6	STD500 460-871531/9	2500.0	1303.870278	250.0	568370.0	0.521548	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

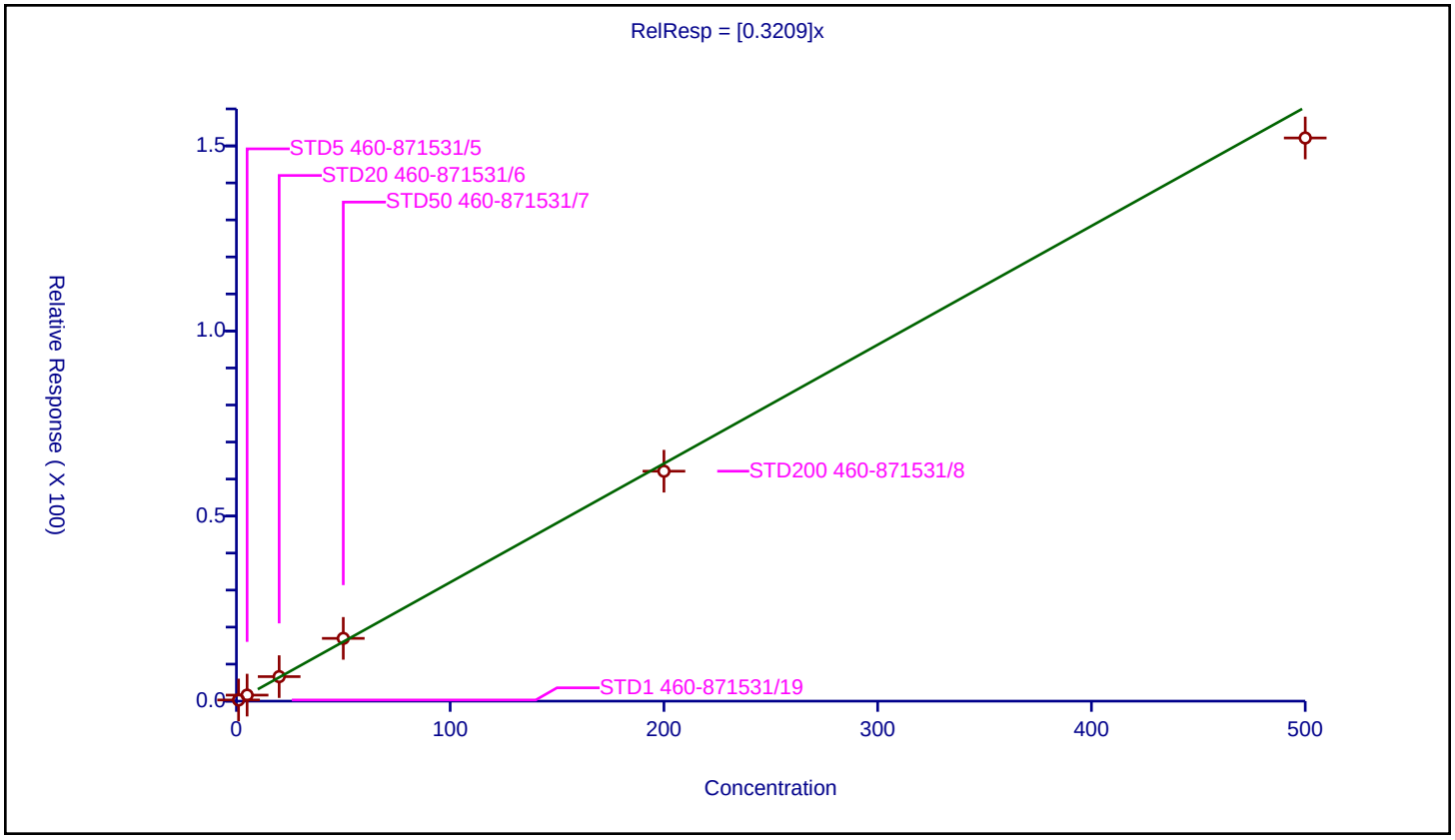
Curve Coefficients

Intercept:	0
Slope:	0.3209

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.314386	50.0	643794.0	0.314386	Y
2	STD5 460-871531/5	5.0	1.630696	50.0	665636.0	0.326139	Y
3	STD20 460-871531/6	20.0	6.620599	50.0	701787.0	0.33103	Y
4	STD50 460-871531/7	50.0	16.955734	50.0	727801.0	0.339115	Y
5	STD200 460-871531/8	200.0	62.119218	50.0	779547.0	0.310596	Y
6	STD500 460-871531/9	500.0	152.144721	50.0	817379.0	0.304289	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

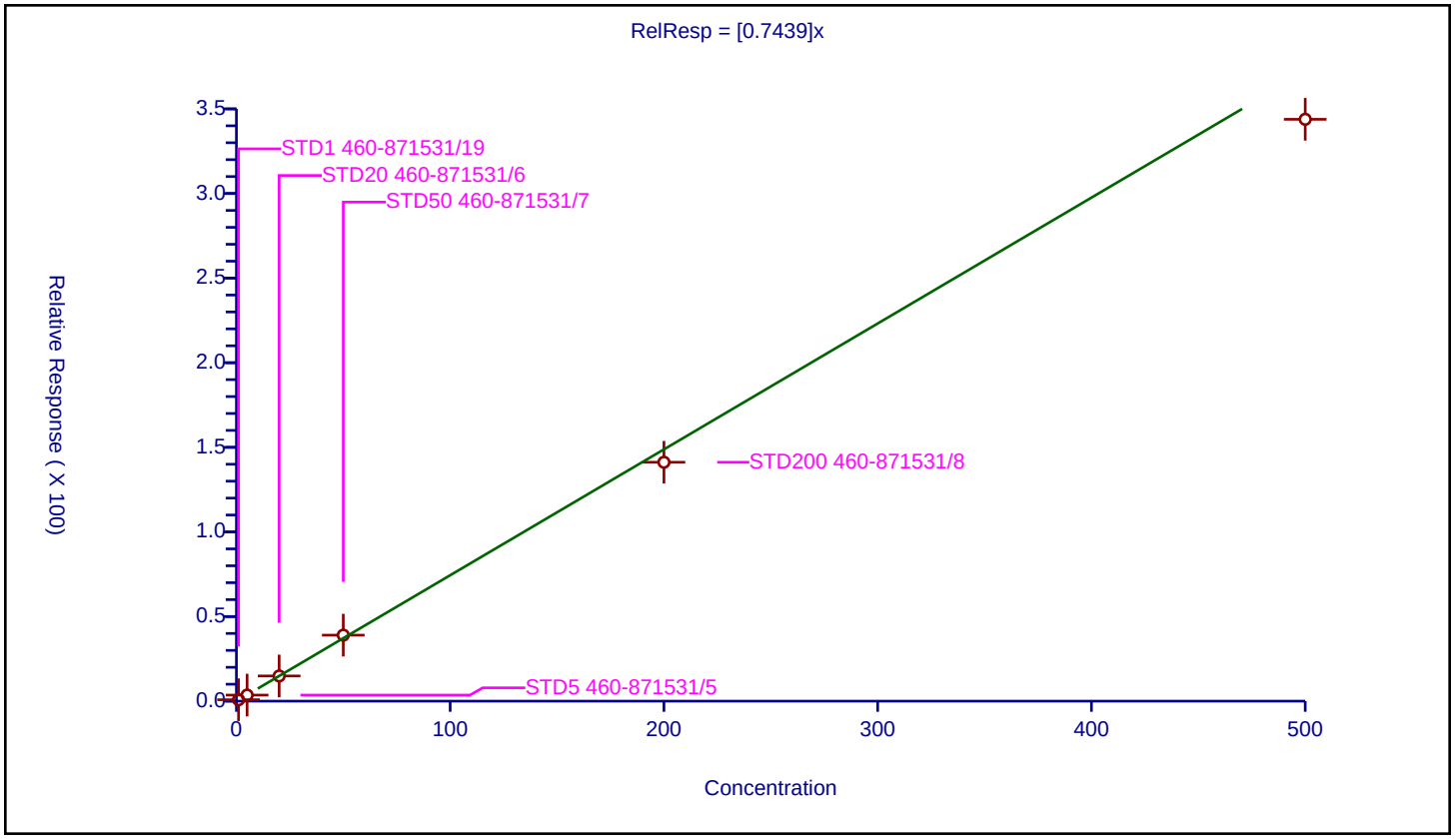
Curve Coefficients

Intercept:	0
Slope:	0.7439

Error Coefficients

Standard Error:	2710000
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	STD1 460-871531/19	1.0	0.830623	50.0	643794.0	0.830623	Y
2	STD5 460-871531/5	5.0	3.575678	50.0	665636.0	0.715136	Y
3	STD20 460-871531/6	20.0	14.881581	50.0	701787.0	0.744079	Y
4	STD50 460-871531/7	50.0	38.996443	50.0	727801.0	0.779929	Y
5	STD200 460-871531/8	200.0	141.171155	50.0	779547.0	0.705856	Y
6	STD500 460-871531/9	500.0	343.842024	50.0	817379.0	0.687684	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

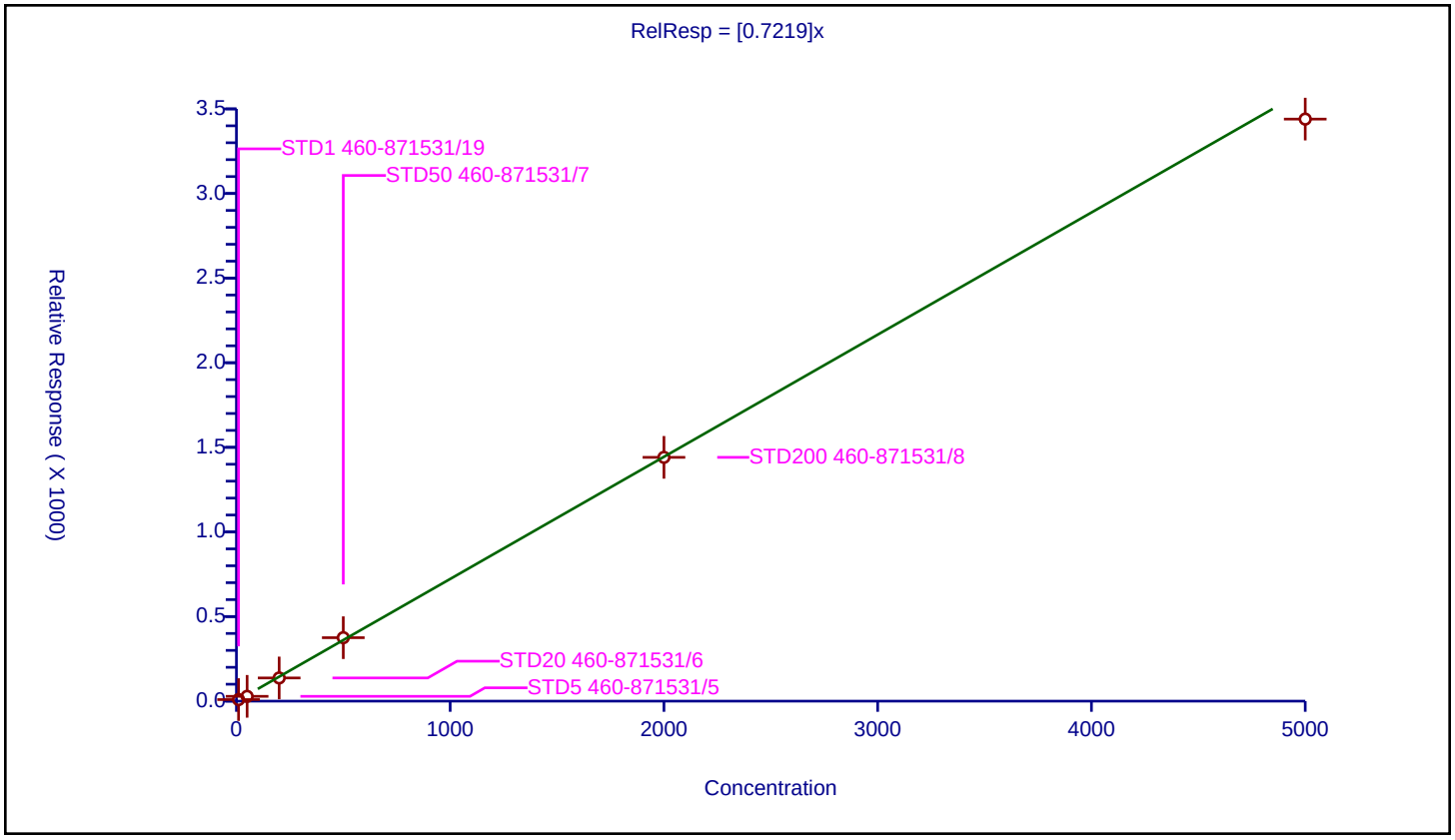
Curve Coefficients

Intercept:	0
Slope:	0.7219

Error Coefficients

Standard Error:	853000
Relative Standard Error:	15.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	10.0	9.190128	1000.0	415337.0	0.919013	Y
2	STD5 460-871531/5	50.0	28.446579	1000.0	438014.0	0.568932	Y
3	STD20 460-871531/6	200.0	137.092081	1000.0	455329.0	0.68546	Y
4	STD50 460-871531/7	500.0	374.971592	1000.0	492824.0	0.749943	Y
5	STD200 460-871531/8	2000.0	1440.750248	1000.0	491251.0	0.720375	Y
6	STD500 460-871531/9	5000.0	3439.651528	1000.0	513327.0	0.68793	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

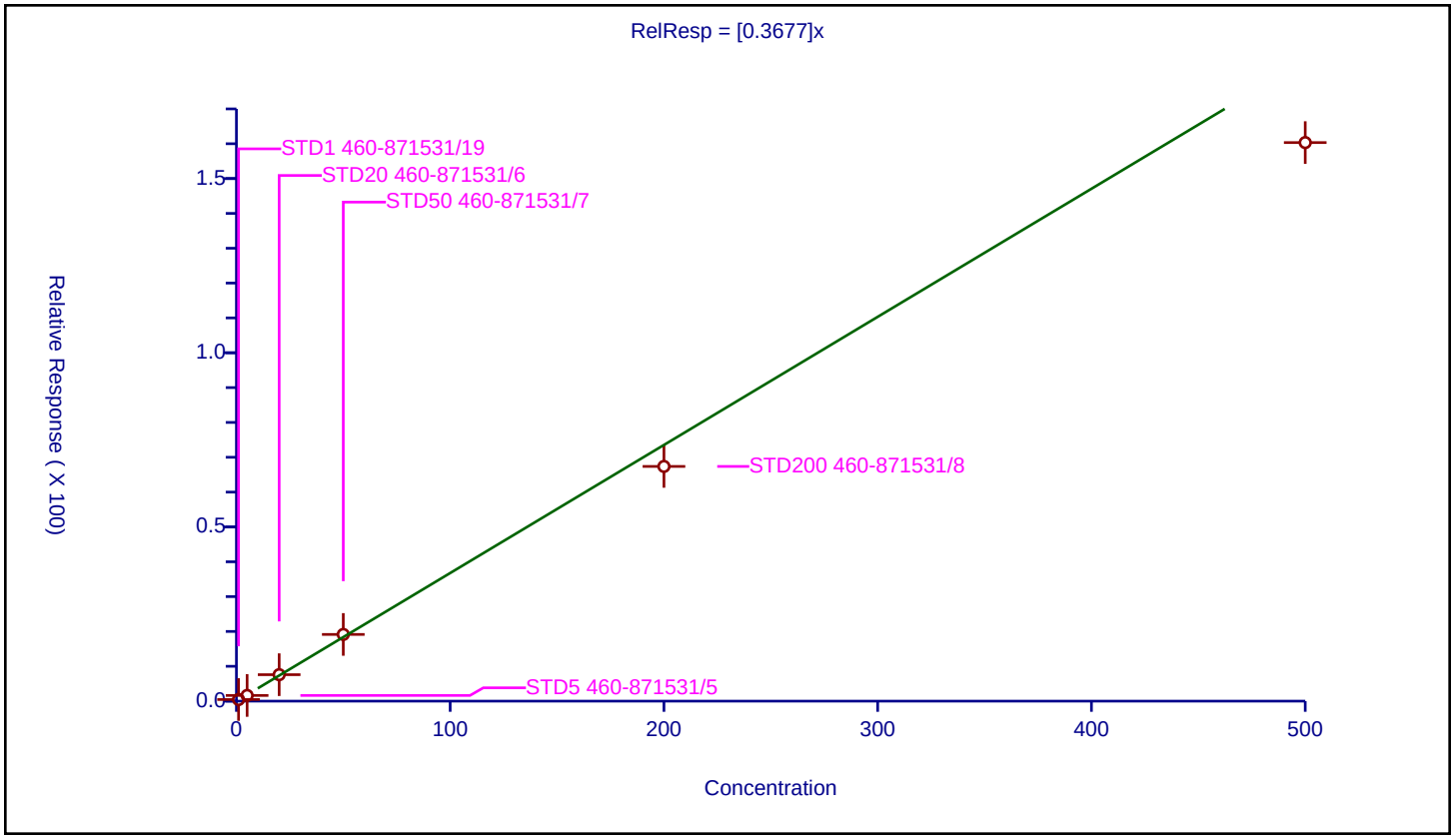
Curve Coefficients

Intercept:	0
Slope:	0.3677

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	14.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.459386	50.0	643794.0	0.459386	Y
2	STD5 460-871531/5	5.0	1.631447	50.0	665636.0	0.326289	Y
3	STD20 460-871531/6	20.0	7.599029	50.0	701787.0	0.379951	Y
4	STD50 460-871531/7	50.0	19.149671	50.0	727801.0	0.382993	Y
5	STD200 460-871531/8	200.0	67.371692	50.0	779547.0	0.336858	Y
6	STD500 460-871531/9	500.0	160.326972	50.0	817379.0	0.320654	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

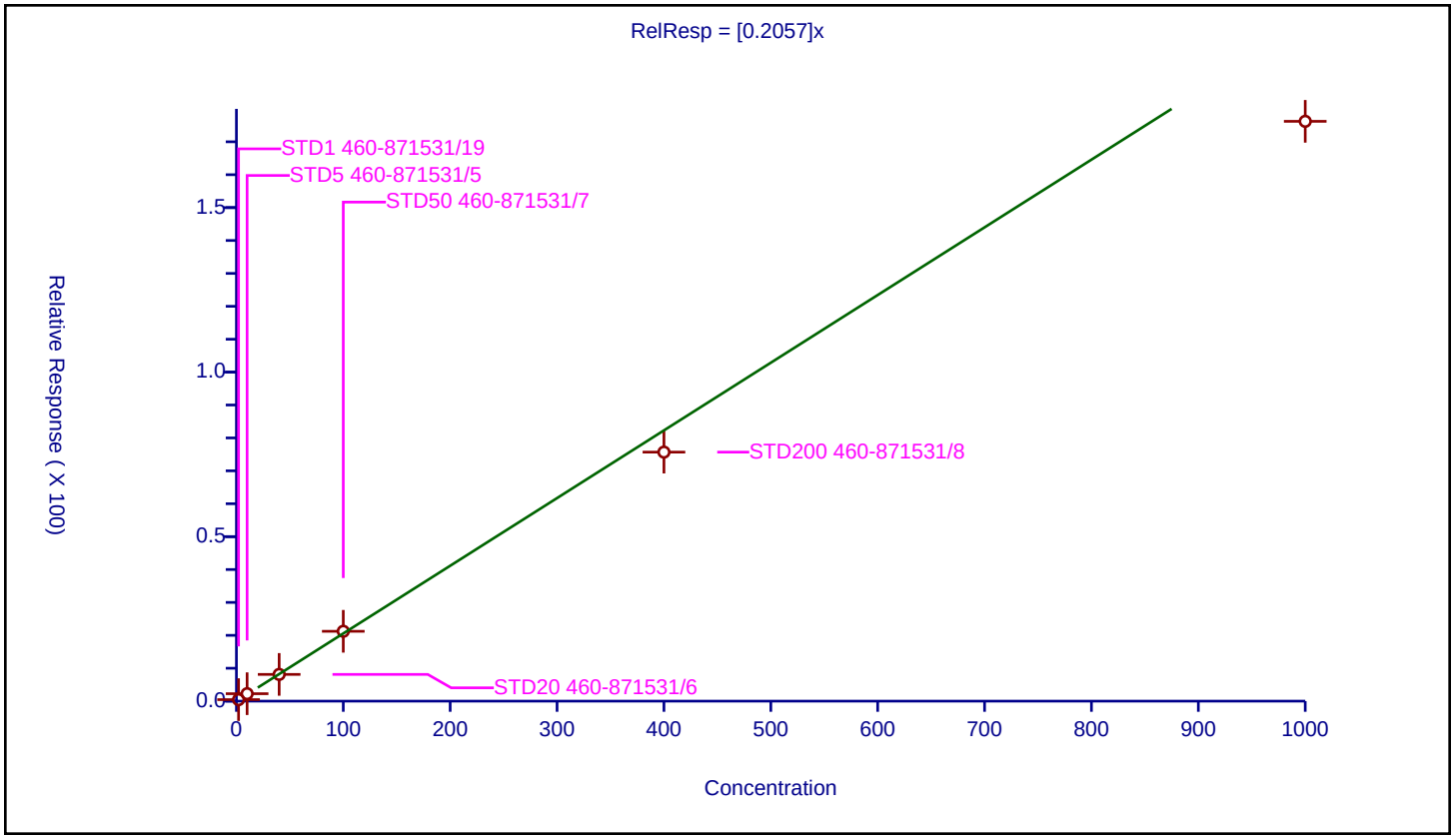
Curve Coefficients

Intercept:	0
Slope:	0.2057

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	2.0	0.454959	50.0	643794.0	0.22748	Y
2	STD5 460-871531/5	10.0	2.258817	50.0	665636.0	0.225882	Y
3	STD20 460-871531/6	40.0	8.126967	50.0	701787.0	0.203174	Y
4	STD50 460-871531/7	100.0	21.230323	50.0	727801.0	0.212303	Y
5	STD200 460-871531/8	400.0	75.683249	50.0	779547.0	0.189208	Y
6	STD500 460-871531/9	1000.0	176.21911	50.0	817379.0	0.176219	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

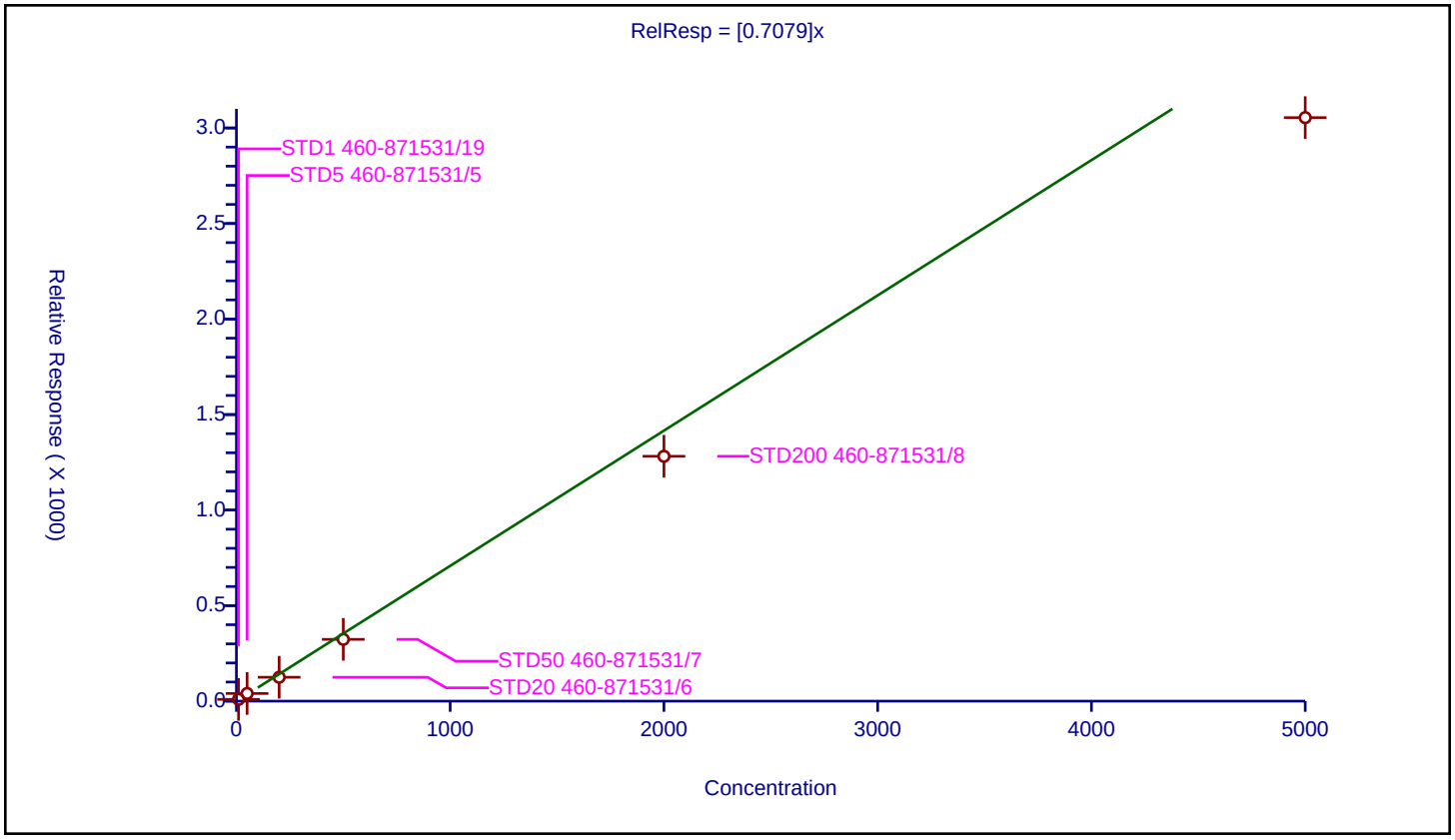
Curve Coefficients

Intercept:	0
Slope:	0.7079

Error Coefficients

Standard Error:	758000
Relative Standard Error:	17.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	10.0	9.21902	1000.0	415337.0	0.921902	Y
2	STD5 460-871531/5	50.0	40.108307	1000.0	438014.0	0.802166	Y
3	STD20 460-871531/6	200.0	125.048042	1000.0	455329.0	0.62524	Y
4	STD50 460-871531/7	500.0	323.371021	1000.0	492824.0	0.646742	Y
5	STD200 460-871531/8	2000.0	1281.599427	1000.0	491251.0	0.6408	Y
6	STD500 460-871531/9	5000.0	3054.211058	1000.0	513327.0	0.610842	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

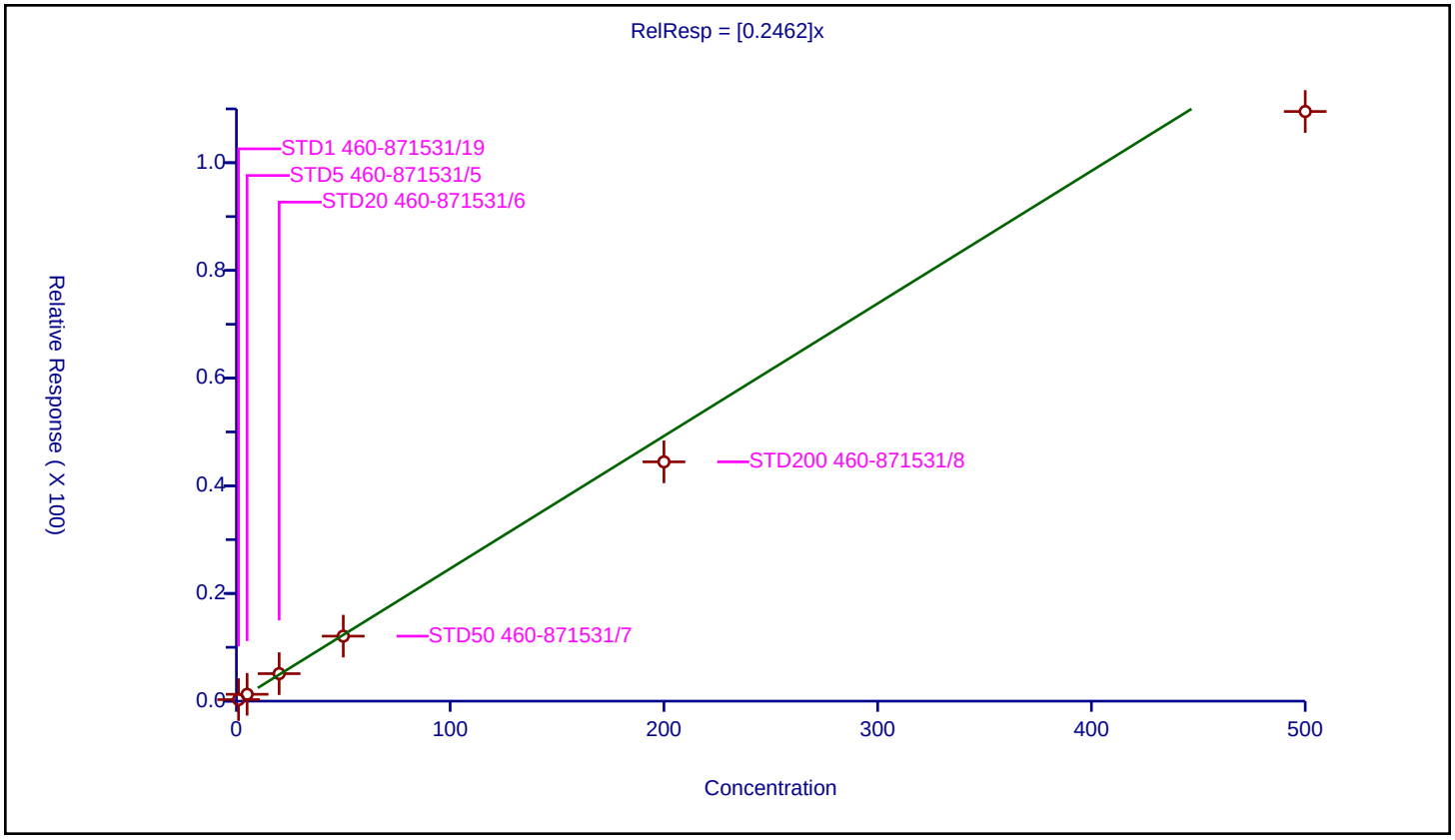
Curve Coefficients

Intercept:	0
Slope:	0.2462

Error Coefficients

Standard Error:	863000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.284641	50.0	643794.0	0.284641	Y
2	STD5 460-871531/5	5.0	1.271941	50.0	665636.0	0.254388	Y
3	STD20 460-871531/6	20.0	5.105823	50.0	701787.0	0.255291	Y
4	STD50 460-871531/7	50.0	12.075073	50.0	727801.0	0.241501	Y
5	STD200 460-871531/8	200.0	44.445043	50.0	779547.0	0.222225	Y
6	STD500 460-871531/9	500.0	109.514008	50.0	817379.0	0.219028	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

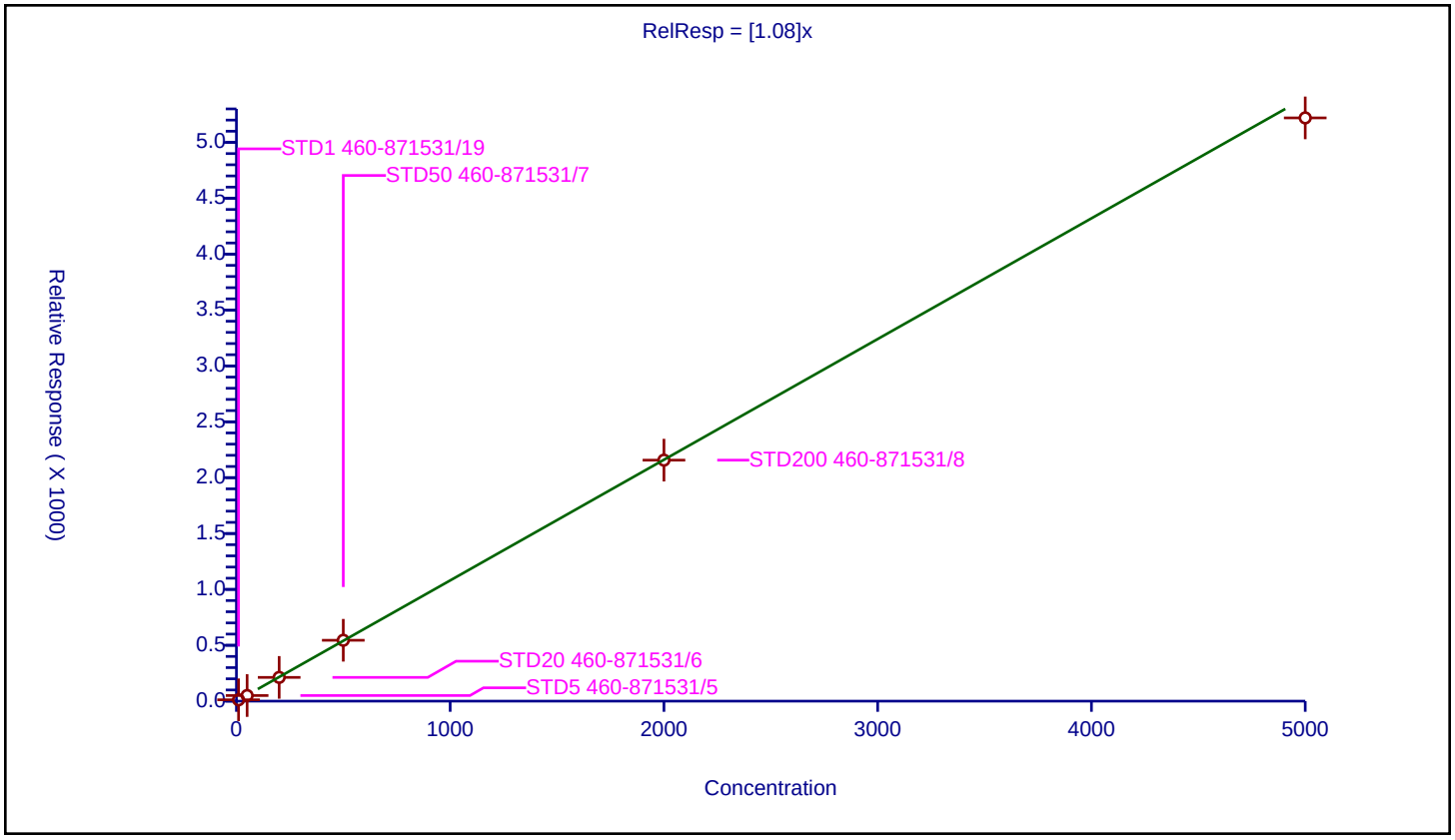
Curve Coefficients

Intercept:	0
Slope:	1.08

Error Coefficients

Standard Error:	1290000
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	STD1 460-871531/19	10.0	12.01434	1000.0	415337.0	1.201434	Y
2	STD5 460-871531/5	50.0	50.288347	1000.0	438014.0	1.005767	Y
3	STD20 460-871531/6	200.0	212.431011	1000.0	455329.0	1.062155	Y
4	STD50 460-871531/7	500.0	544.638654	1000.0	492824.0	1.089277	Y
5	STD200 460-871531/8	2000.0	2156.565585	1000.0	491251.0	1.078283	Y
6	STD500 460-871531/9	5000.0	5219.433227	1000.0	513327.0	1.043887	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

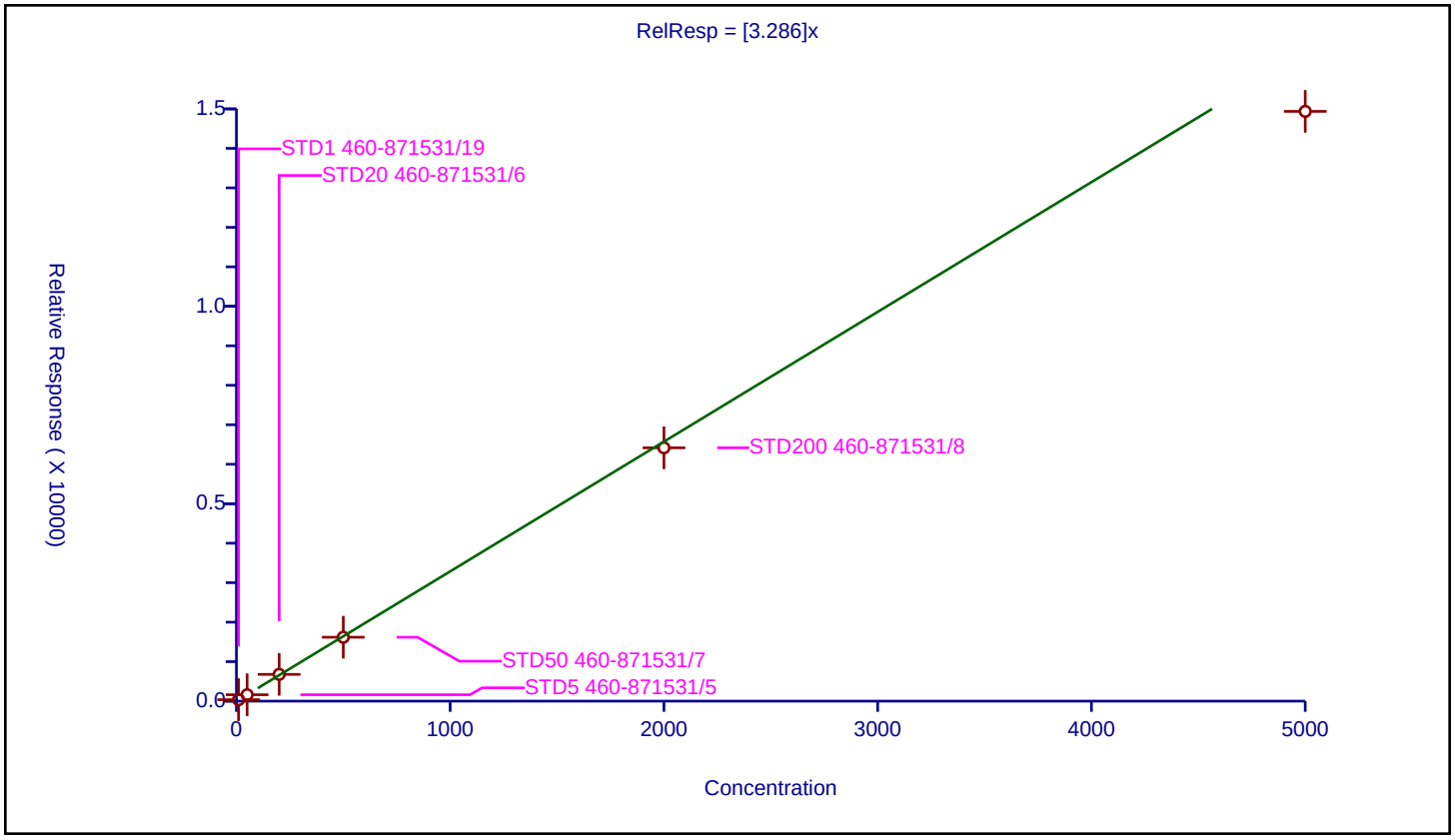
Curve Coefficients

Intercept:	0
Slope:	3.286

Error Coefficients

Standard Error:	3720000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	10.0	36.548634	1000.0	415337.0	3.654863	Y
2	STD5 460-871531/5	50.0	162.031351	1000.0	438014.0	3.240627	Y
3	STD20 460-871531/6	200.0	677.947155	1000.0	455329.0	3.389736	Y
4	STD50 460-871531/7	500.0	1618.480431	1000.0	492824.0	3.236961	Y
5	STD200 460-871531/8	2000.0	6415.828161	1000.0	491251.0	3.207914	Y
6	STD500 460-871531/9	5000.0	14937.392734	1000.0	513327.0	2.987479	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

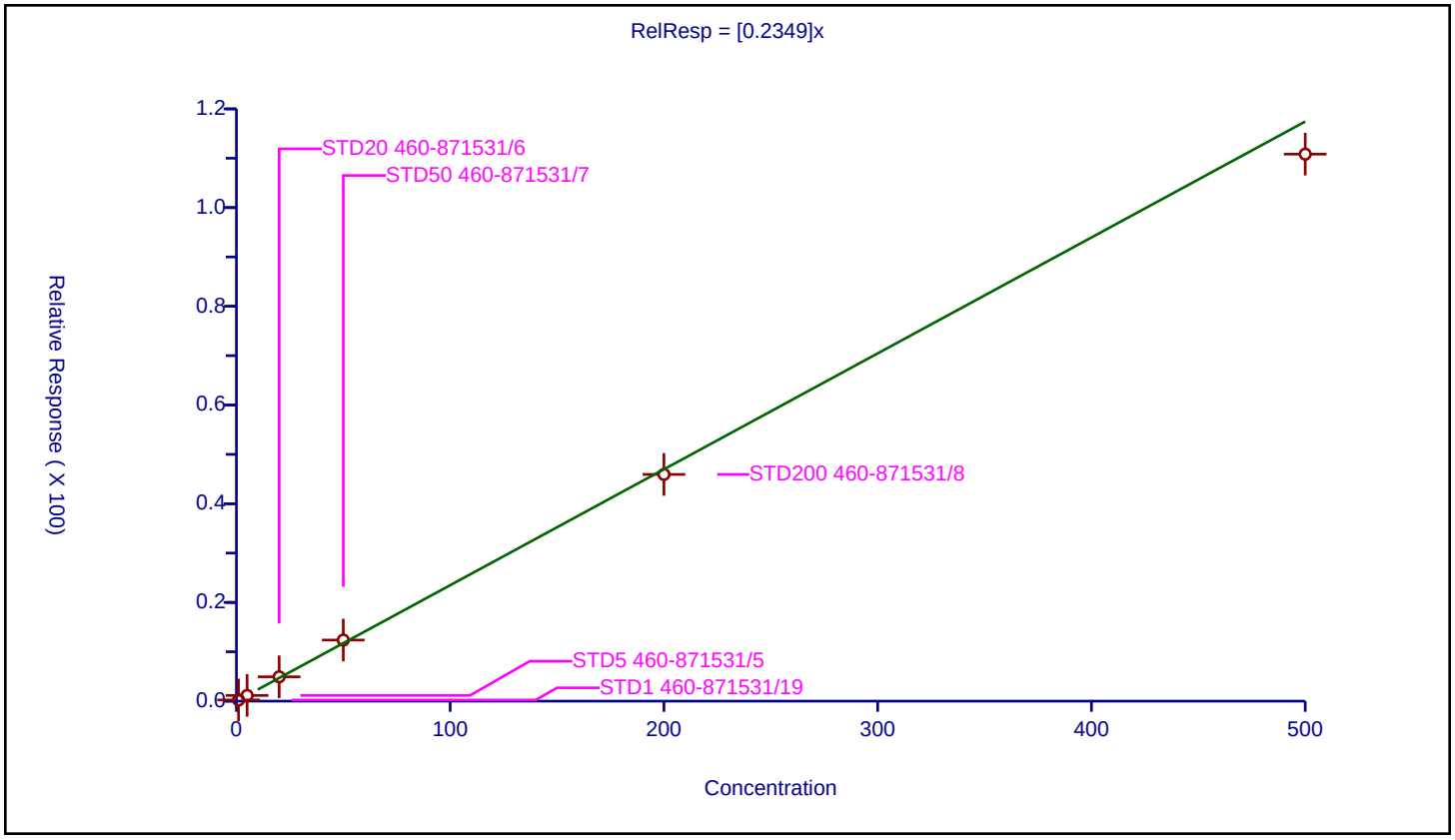
Curve Coefficients

Intercept:	0
Slope:	0.2349

Error Coefficients

Standard Error:	876000
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	STD1 460-871531/19	1.0	0.233615	50.0	643794.0	0.233615	Y
2	STD5 460-871531/5	5.0	1.151455	50.0	665636.0	0.230291	Y
3	STD20 460-871531/6	20.0	4.929416	50.0	701787.0	0.246471	Y
4	STD50 460-871531/7	50.0	12.374468	50.0	727801.0	0.247489	Y
5	STD200 460-871531/8	200.0	45.938475	50.0	779547.0	0.229692	Y
6	STD500 460-871531/9	500.0	110.82986	50.0	817379.0	0.22166	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

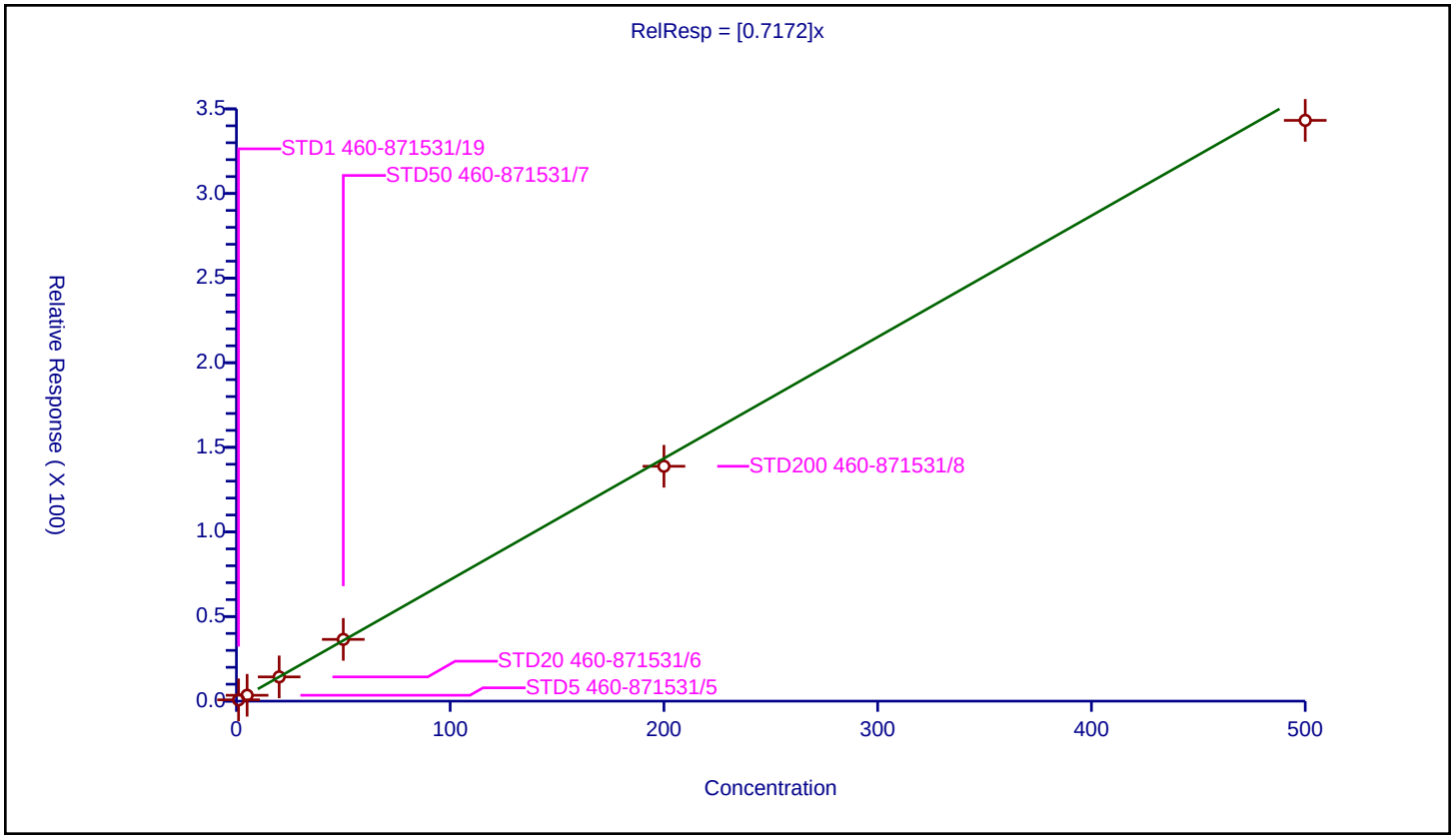
Curve Coefficients

Intercept:	0
Slope:	0.7172

Error Coefficients

Standard Error:	2700000
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	STD1 460-871531/19	1.0	0.78216	50.0	643794.0	0.78216	Y
2	STD5 460-871531/5	5.0	3.472694	50.0	665636.0	0.694539	Y
3	STD20 460-871531/6	20.0	14.328564	50.0	701787.0	0.716428	Y
4	STD50 460-871531/7	50.0	36.48882	50.0	727801.0	0.729776	Y
5	STD200 460-871531/8	200.0	138.80183	50.0	779547.0	0.694009	Y
6	STD500 460-871531/9	500.0	343.221871	50.0	817379.0	0.686444	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

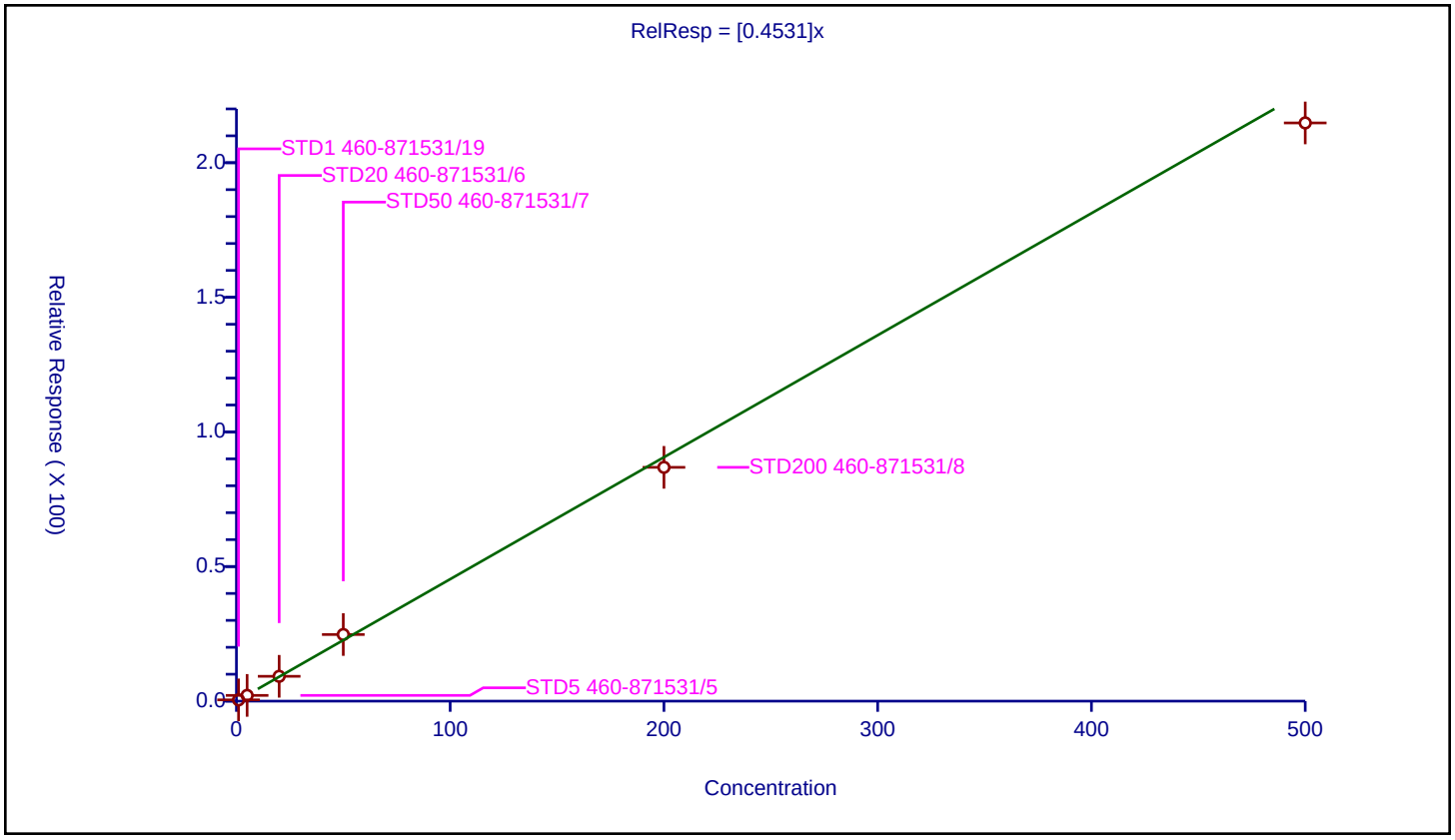
Curve Coefficients

Intercept:	0
Slope:	0.4531

Error Coefficients

Standard Error:	1690000
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	STD1 460-871531/19	1.0	0.472123	50.0	643794.0	0.472123	Y
2	STD5 460-871531/5	5.0	2.130819	50.0	665636.0	0.426164	Y
3	STD20 460-871531/6	20.0	9.22609	50.0	701787.0	0.461304	Y
4	STD50 460-871531/7	50.0	24.750103	50.0	727801.0	0.495002	Y
5	STD200 460-871531/8	200.0	86.849991	50.0	779547.0	0.43425	Y
6	STD500 460-871531/9	500.0	214.781943	50.0	817379.0	0.429564	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

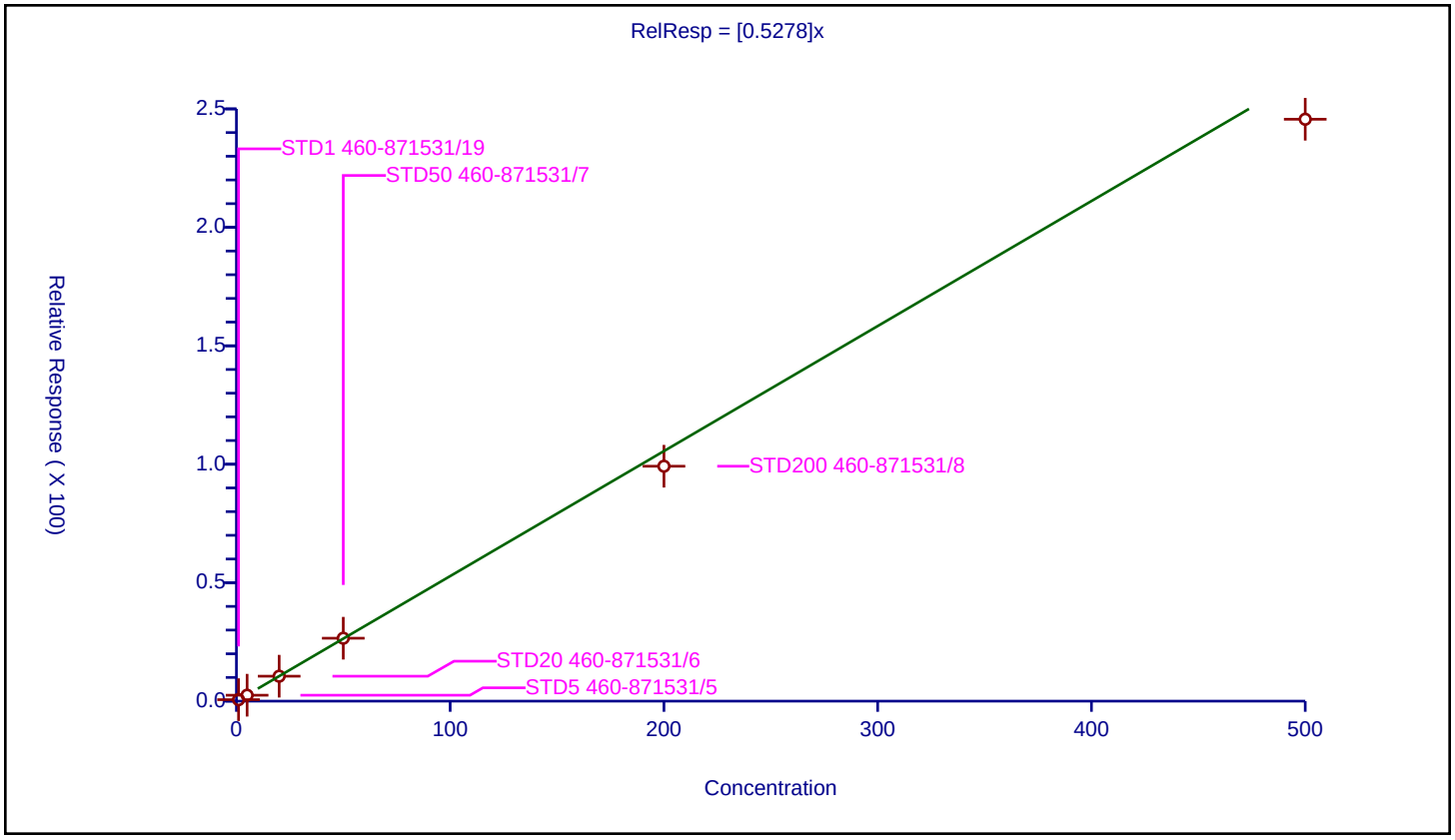
Curve Coefficients

Intercept:	0
Slope:	0.5278

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.621006	50.0	643794.0	0.621006	Y
2	STD5 460-871531/5	5.0	2.504222	50.0	665636.0	0.500844	Y
3	STD20 460-871531/6	20.0	10.526342	50.0	701787.0	0.526317	Y
4	STD50 460-871531/7	50.0	26.56516	50.0	727801.0	0.531303	Y
5	STD200 460-871531/8	200.0	99.163553	50.0	779547.0	0.495818	Y
6	STD500 460-871531/9	500.0	245.623817	50.0	817379.0	0.491248	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

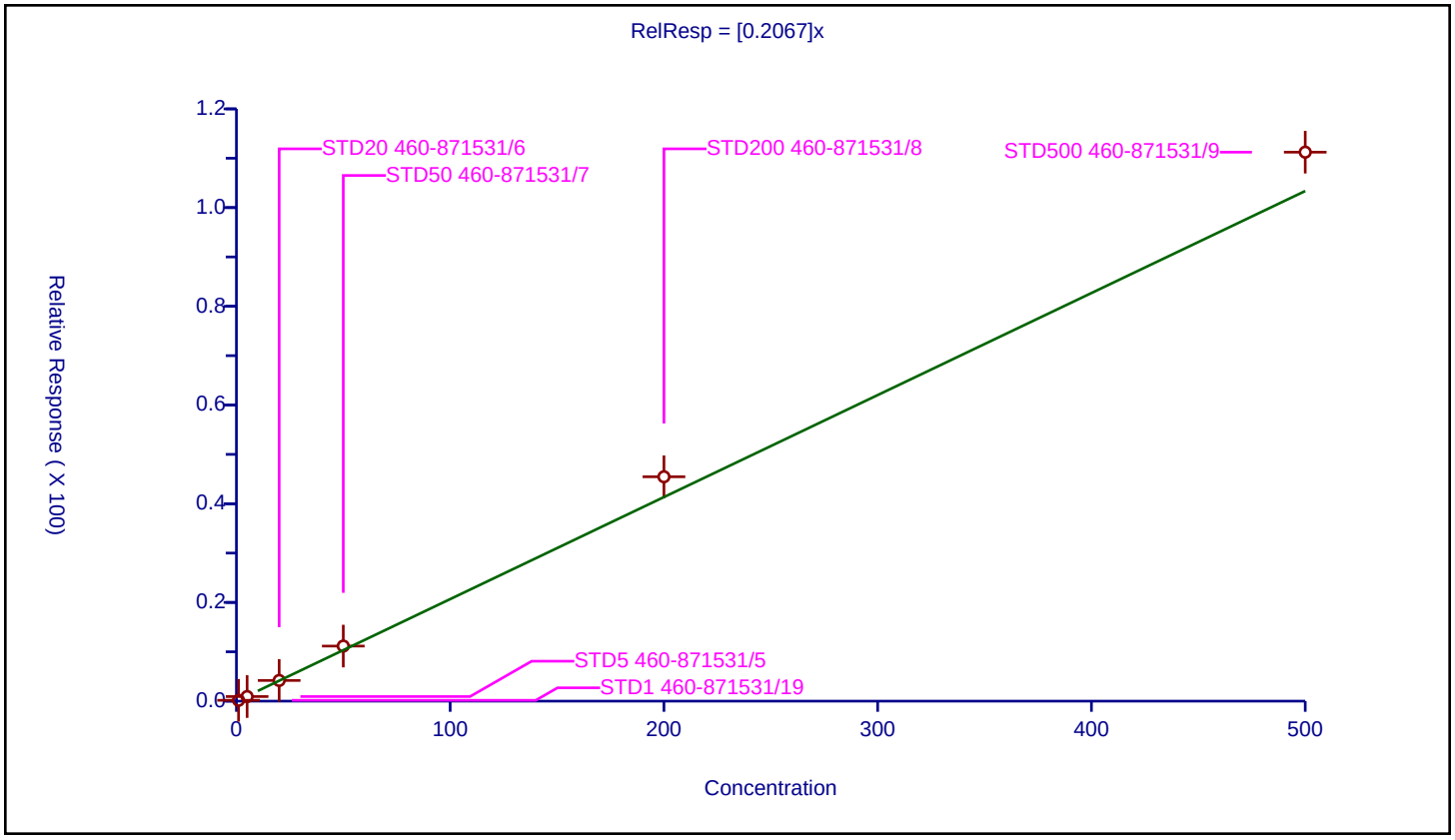
Curve Coefficients

Intercept:	0
Slope:	0.2067

Error Coefficients

Standard Error:	876000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.171483	50.0	643794.0	0.171483	Y
2	STD5 460-871531/5	5.0	0.931215	50.0	665636.0	0.186243	Y
3	STD20 460-871531/6	20.0	4.192868	50.0	701787.0	0.209643	Y
4	STD50 460-871531/7	50.0	11.158957	50.0	727801.0	0.223179	Y
5	STD200 460-871531/8	200.0	45.461467	50.0	779547.0	0.227307	Y
6	STD500 460-871531/9	500.0	111.230408	50.0	817379.0	0.222461	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

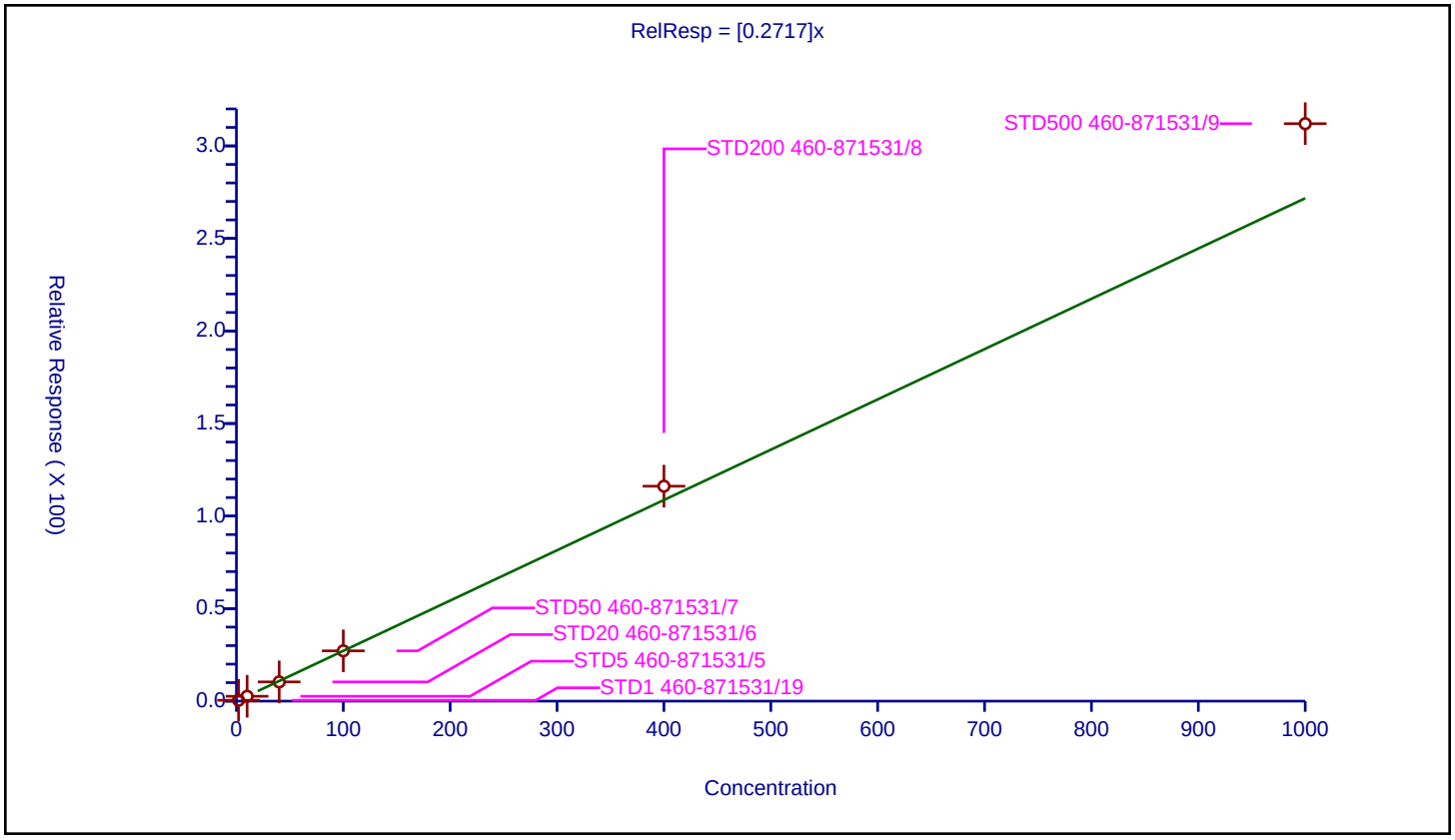
Curve Coefficients

Intercept:	0
Slope:	0.2717

Error Coefficients

Standard Error:	339000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	2.0	0.466858	250.0	464274.0	0.233429	Y
2	STD5 460-871531/5	10.0	2.632126	250.0	495702.0	0.263213	Y
3	STD20 460-871531/6	40.0	10.385479	250.0	525710.0	0.259637	Y
4	STD50 460-871531/7	100.0	27.166107	250.0	543729.0	0.271661	Y
5	STD200 460-871531/8	400.0	116.141589	250.0	563631.0	0.290354	Y
6	STD500 460-871531/9	1000.0	312.006264	250.0	568370.0	0.312006	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

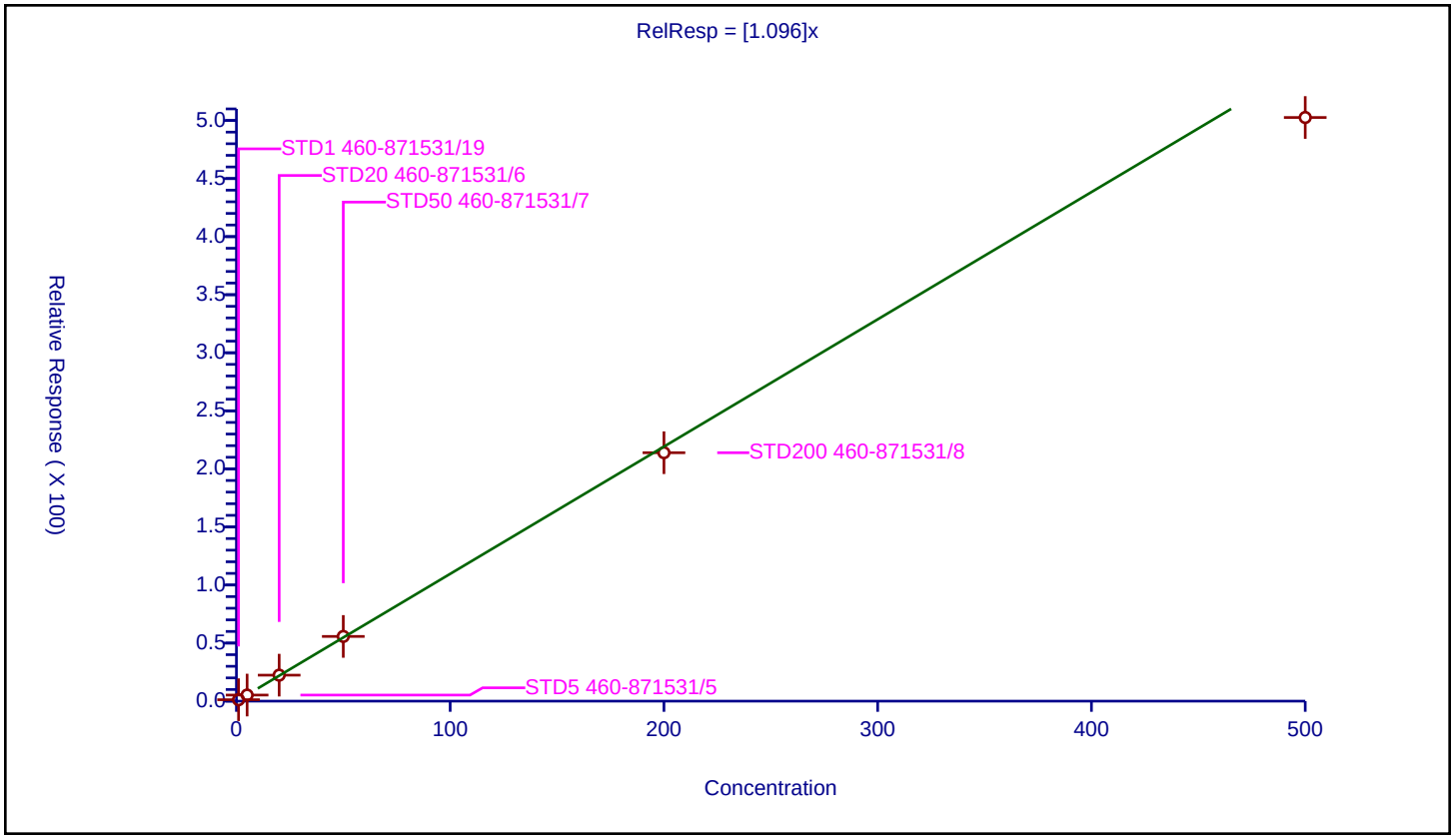
Curve Coefficients

Intercept:	0
Slope:	1.096

Error Coefficients

Standard Error:	3980000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	1.219878	50.0	643794.0	1.219878	Y
2	STD5 460-871531/5	5.0	5.237472	50.0	665636.0	1.047494	Y
3	STD20 460-871531/6	20.0	22.378585	50.0	701787.0	1.118929	Y
4	STD50 460-871531/7	50.0	55.722375	50.0	727801.0	1.114447	Y
5	STD200 460-871531/8	200.0	213.921867	50.0	779547.0	1.069609	Y
6	STD500 460-871531/9	500.0	502.587661	50.0	817379.0	1.005175	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

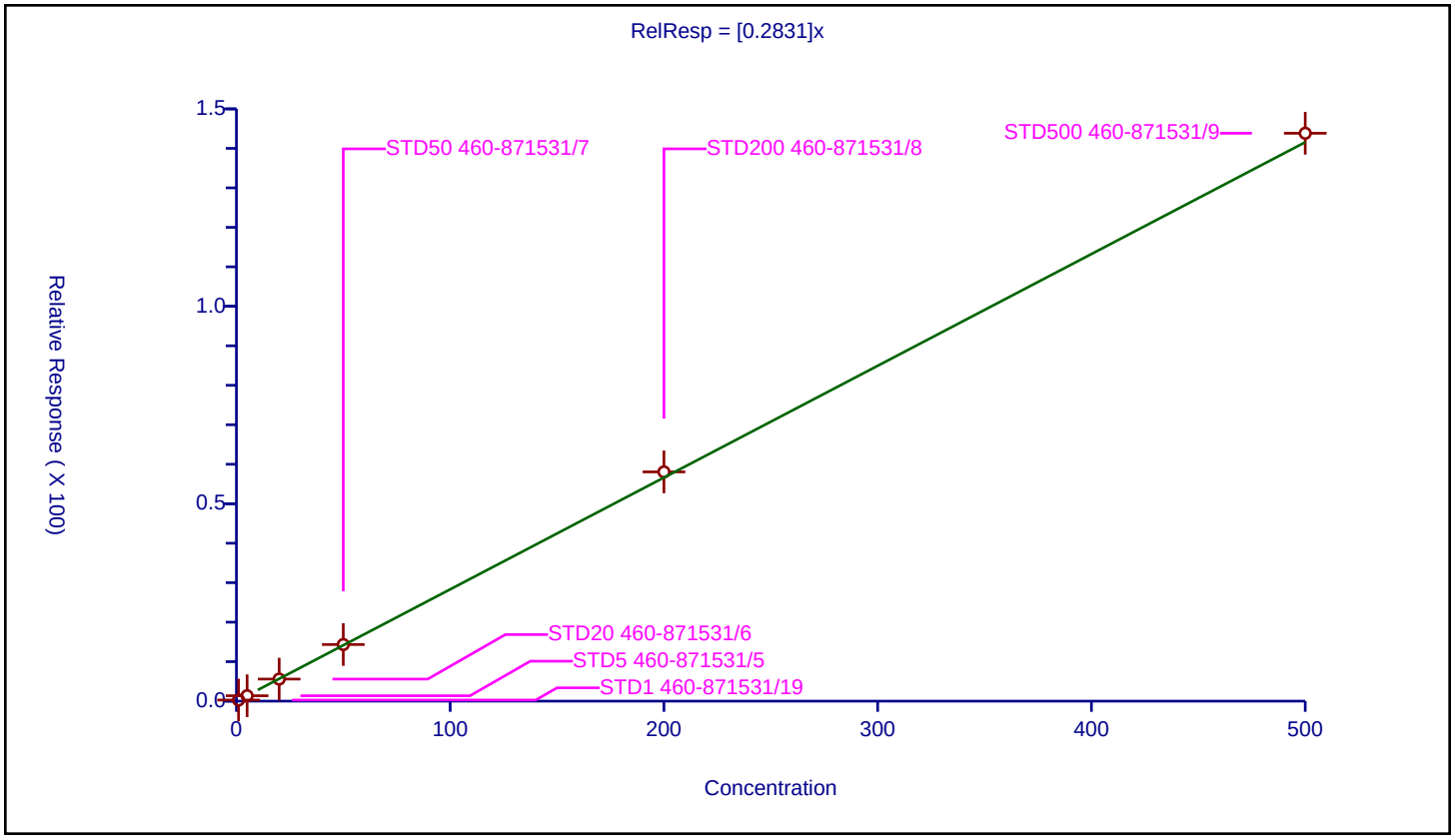
Curve Coefficients

Intercept:	0
Slope:	0.2831

Error Coefficients

Standard Error:	1130000
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	STD1 460-871531/19	1.0	0.281301	50.0	643794.0	0.281301	Y
2	STD5 460-871531/5	5.0	1.36501	50.0	665636.0	0.273002	Y
3	STD20 460-871531/6	20.0	5.59201	50.0	701787.0	0.279601	Y
4	STD50 460-871531/7	50.0	14.339428	50.0	727801.0	0.286789	Y
5	STD200 460-871531/8	200.0	58.061348	50.0	779547.0	0.290307	Y
6	STD500 460-871531/9	500.0	143.828138	50.0	817379.0	0.287656	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

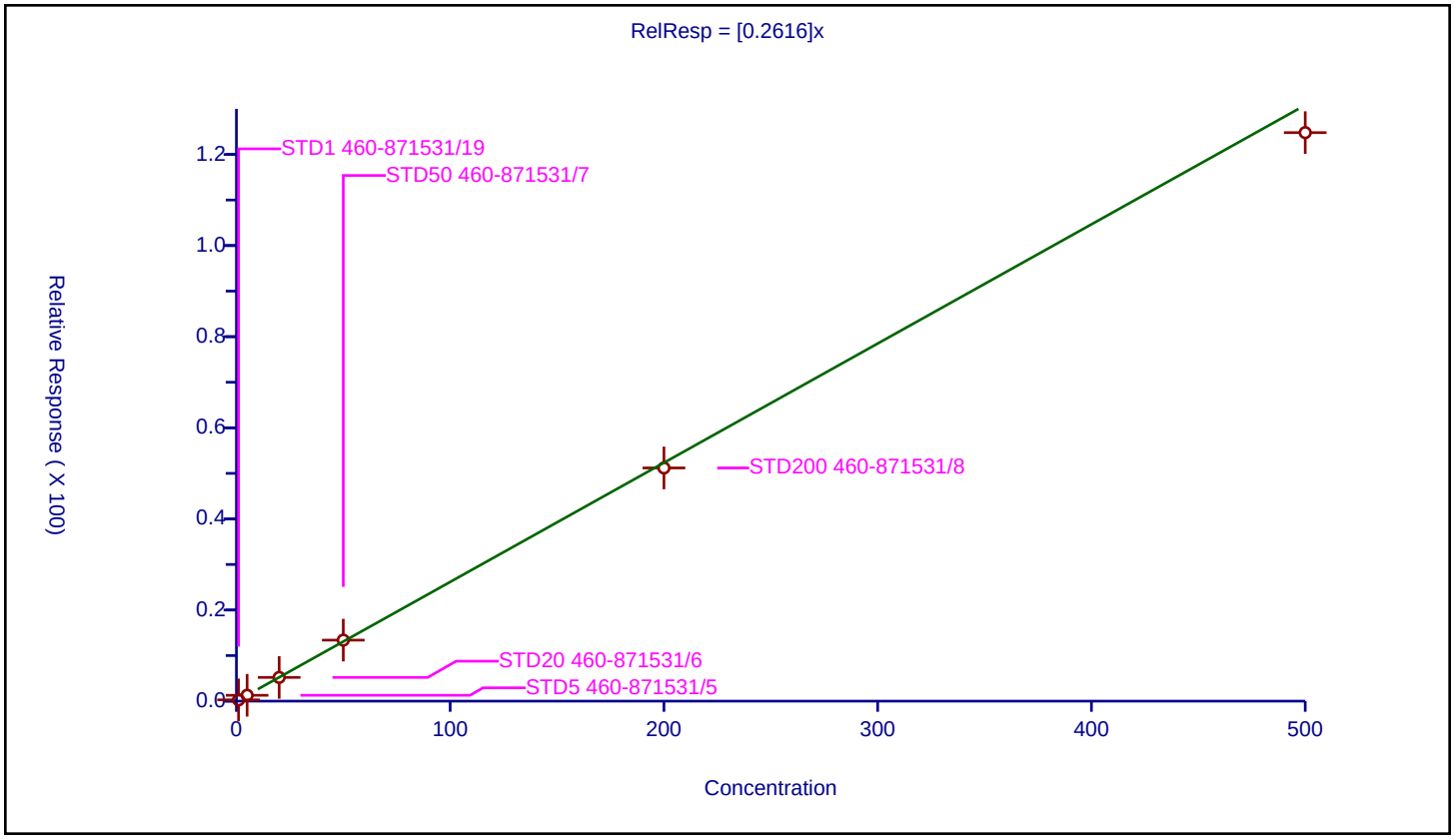
Curve Coefficients

Intercept:	0
Slope:	0.2616

Error Coefficients

Standard Error:	984000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.27967	50.0	643794.0	0.27967	Y
2	STD5 460-871531/5	5.0	1.283359	50.0	665636.0	0.256672	Y
3	STD20 460-871531/6	20.0	5.204072	50.0	701787.0	0.260204	Y
4	STD50 460-871531/7	50.0	13.391916	50.0	727801.0	0.267838	Y
5	STD200 460-871531/8	200.0	51.186138	50.0	779547.0	0.255931	Y
6	STD500 460-871531/9	500.0	124.790703	50.0	817379.0	0.249581	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

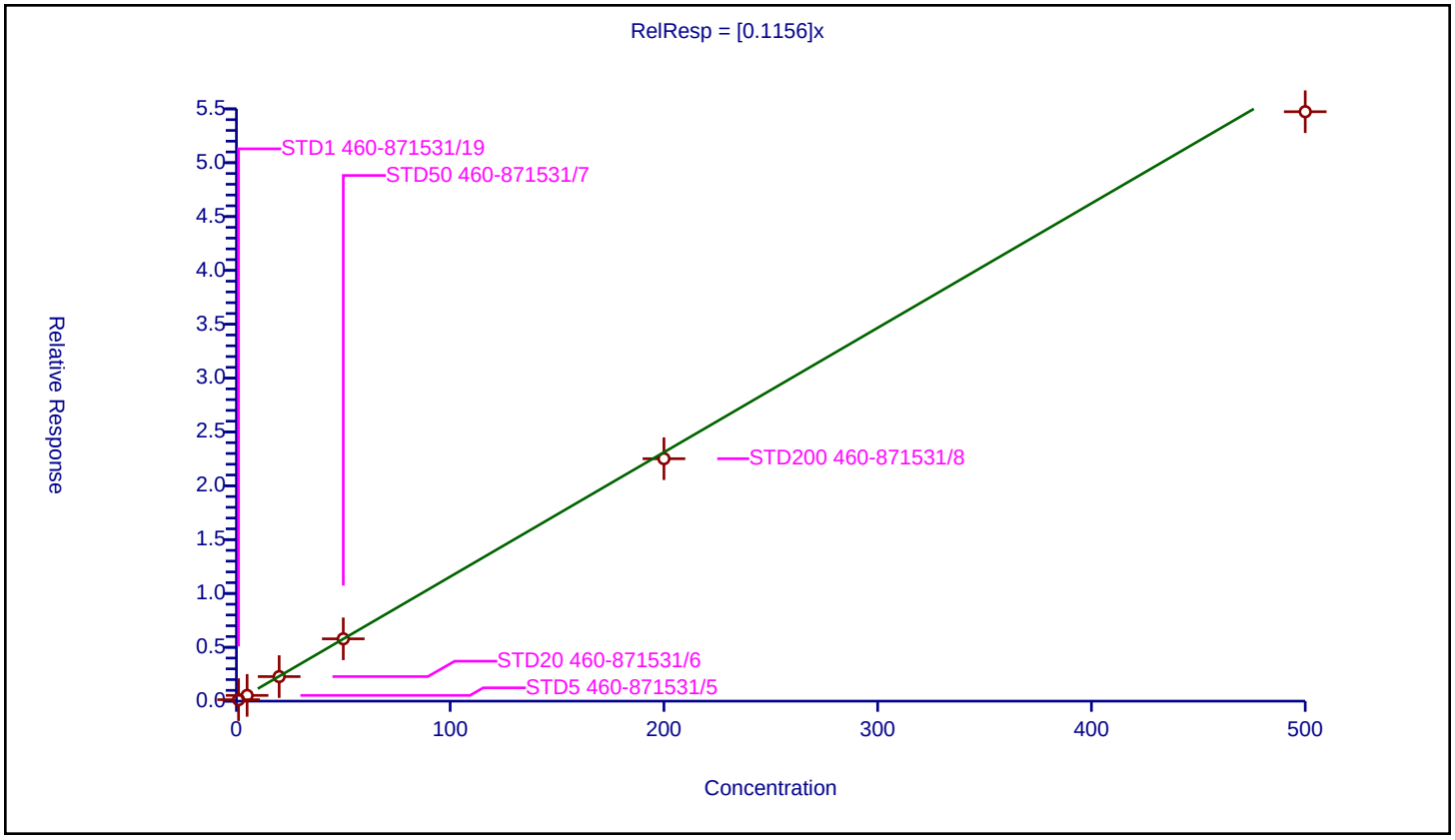
Curve Coefficients

Intercept:	0
Slope:	0.1156

Error Coefficients

Standard Error:	432000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.134903	50.0	643794.0	0.134903	Y
2	STD5 460-871531/5	5.0	0.533625	50.0	665636.0	0.106725	Y
3	STD20 460-871531/6	20.0	2.27911	50.0	701787.0	0.113956	Y
4	STD50 460-871531/7	50.0	5.786128	50.0	727801.0	0.115723	Y
5	STD200 460-871531/8	200.0	22.513652	50.0	779547.0	0.112568	Y
6	STD500 460-871531/9	500.0	54.738438	50.0	817379.0	0.109477	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

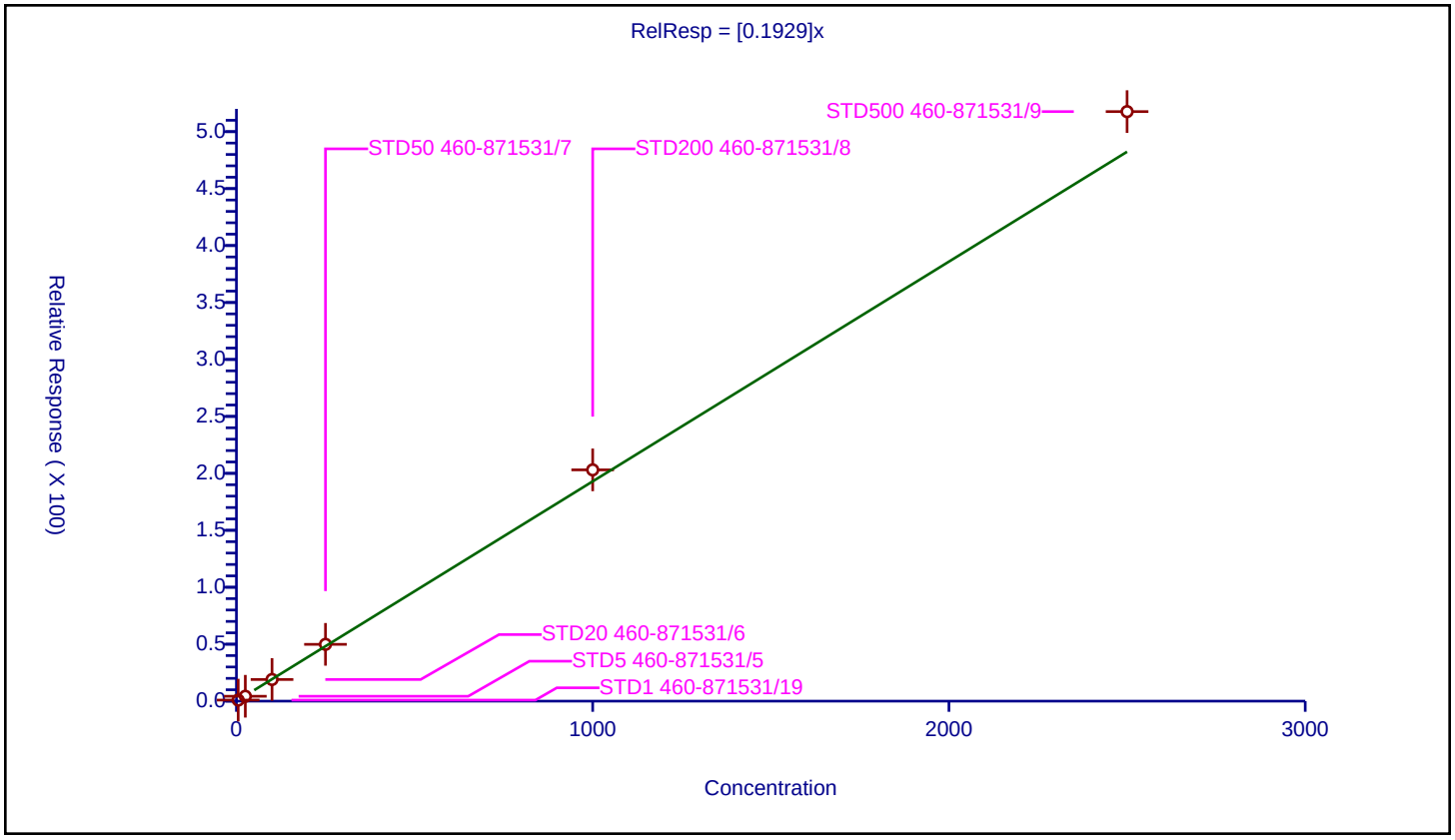
Curve Coefficients

Intercept:	0
Slope:	0.1929

Error Coefficients

Standard Error:	567000
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	STD1 460-871531/19	5.0	0.929947	250.0	464274.0	0.185989	Y
2	STD5 460-871531/5	25.0	4.300971	250.0	495702.0	0.172039	Y
3	STD20 460-871531/6	100.0	19.010006	250.0	525710.0	0.1901	Y
4	STD50 460-871531/7	250.0	49.861696	250.0	543729.0	0.199447	Y
5	STD200 460-871531/8	1000.0	203.073021	250.0	563631.0	0.203073	Y
6	STD500 460-871531/9	2500.0	517.621004	250.0	568370.0	0.207048	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

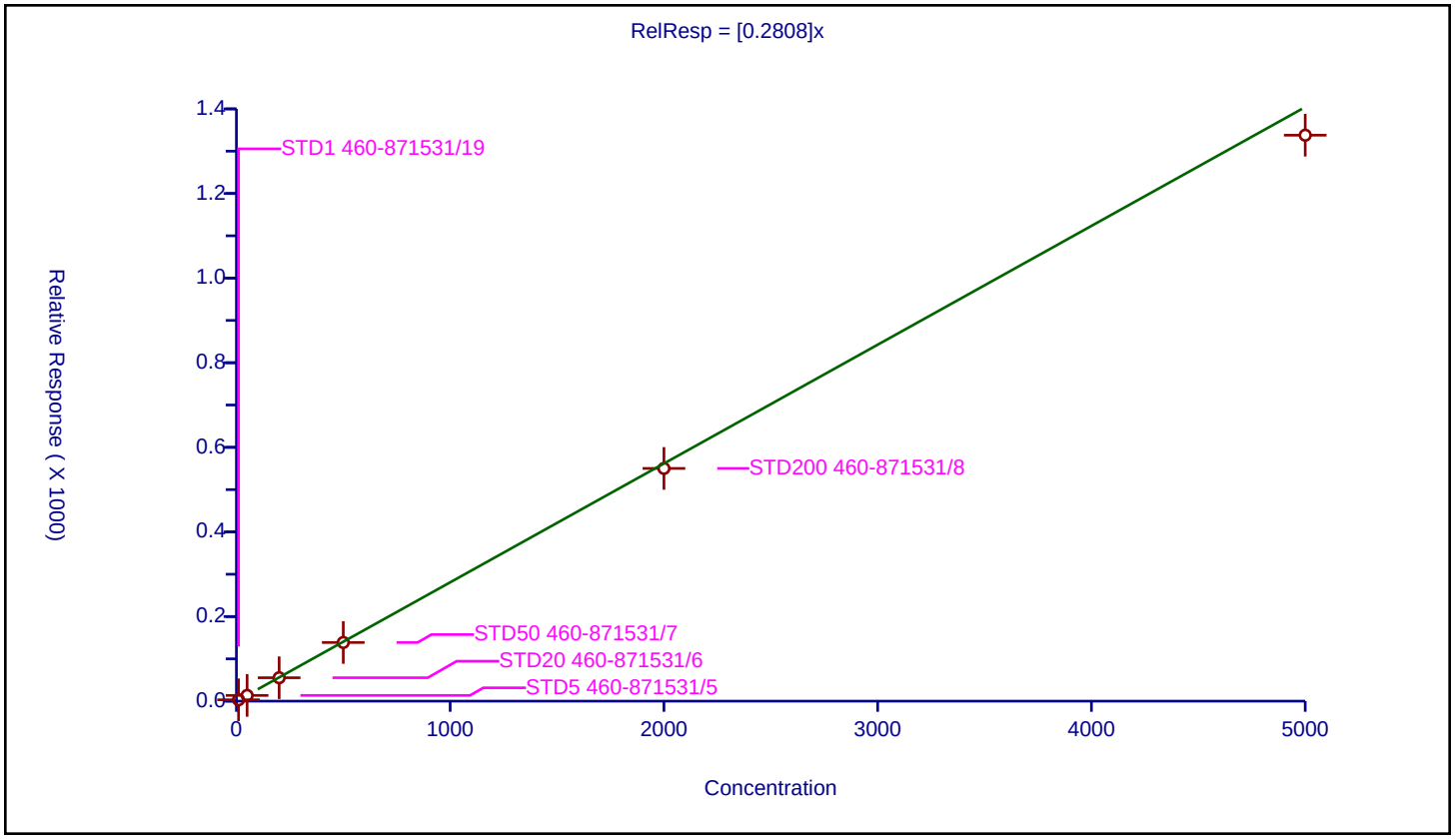
Curve Coefficients

Intercept:	0
Slope:	0.2808

Error Coefficients

Standard Error:	1480000
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	STD1 460-871531/19	10.0	3.186696	250.0	464274.0	0.31867	Y
2	STD5 460-871531/5	50.0	13.494499	250.0	495702.0	0.26989	Y
3	STD20 460-871531/6	200.0	55.322802	250.0	525710.0	0.276614	Y
4	STD50 460-871531/7	500.0	138.658688	250.0	543729.0	0.277317	Y
5	STD200 460-871531/8	2000.0	550.077533	250.0	563631.0	0.275039	Y
6	STD500 460-871531/9	5000.0	1337.791843	250.0	568370.0	0.267558	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

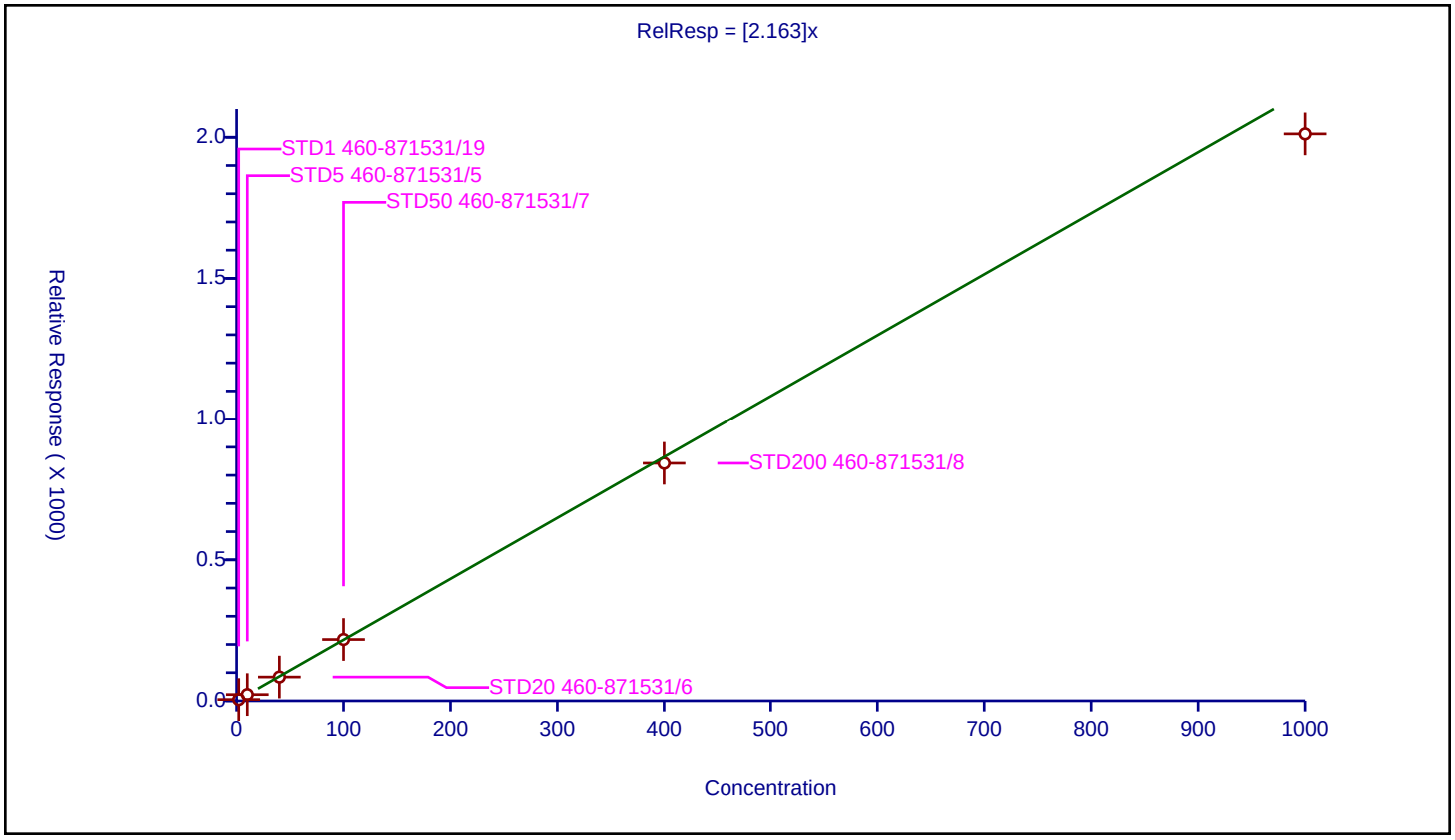
Curve Coefficients

Intercept:	0
Slope:	2.163

Error Coefficients

Standard Error:	2230000
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	STD1 460-871531/19	2.0	4.698734	250.0	464274.0	2.349367	Y
2	STD5 460-871531/5	10.0	22.220003	250.0	495702.0	2.222	Y
3	STD20 460-871531/6	40.0	84.511423	250.0	525710.0	2.112786	Y
4	STD50 460-871531/7	100.0	217.571621	250.0	543729.0	2.175716	Y
5	STD200 460-871531/8	400.0	842.930038	250.0	563631.0	2.107325	Y
6	STD500 460-871531/9	1000.0	2011.980752	250.0	568370.0	2.011981	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

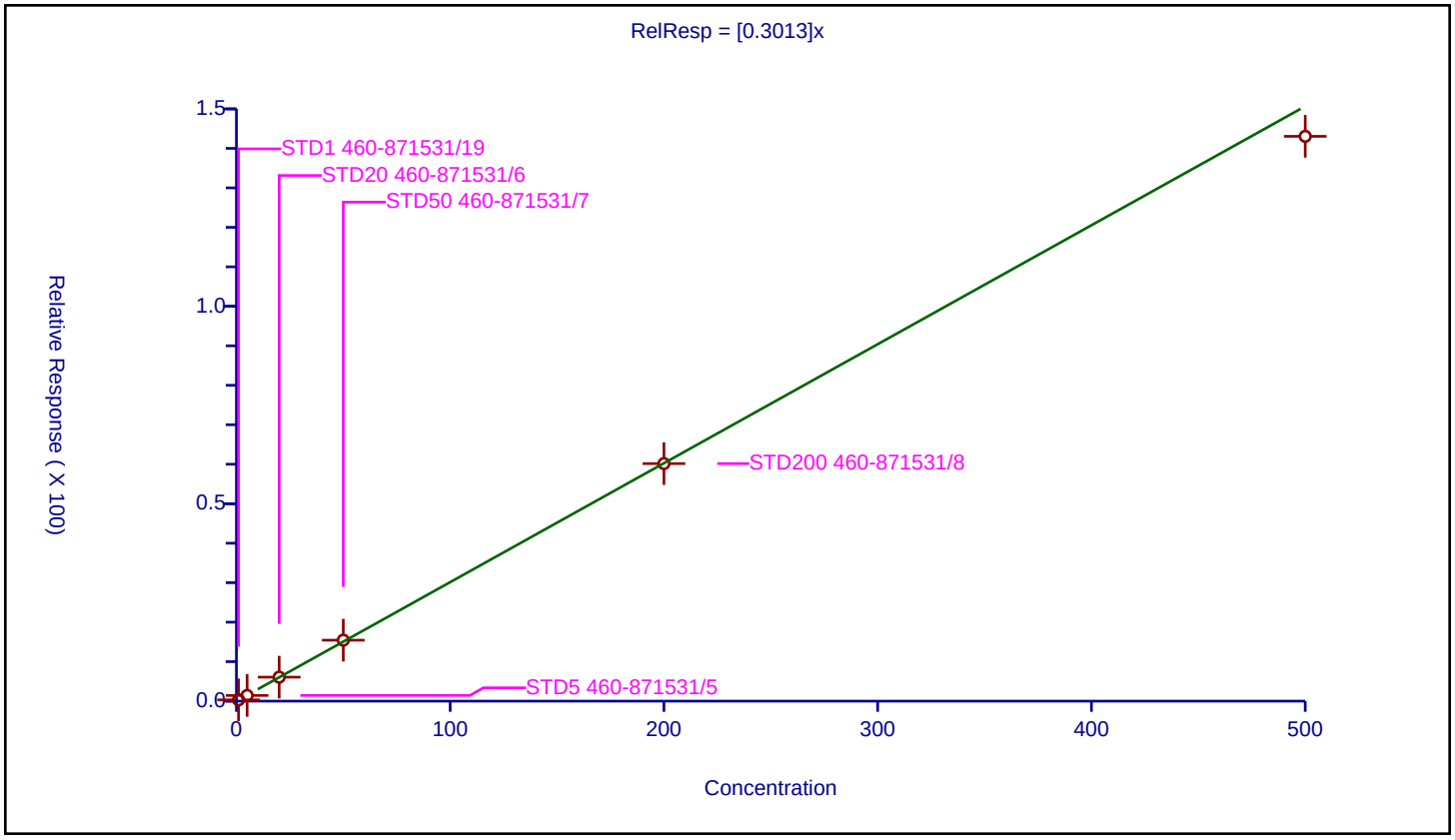
Curve Coefficients

Intercept:	0
Slope:	0.3013

Error Coefficients

Standard Error:	1130000
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	STD1 460-871531/19	1.0	0.320133	50.0	643794.0	0.320133	Y
2	STD5 460-871531/5	5.0	1.442305	50.0	665636.0	0.288461	Y
3	STD20 460-871531/6	20.0	6.073994	50.0	701787.0	0.3037	Y
4	STD50 460-871531/7	50.0	15.435675	50.0	727801.0	0.308714	Y
5	STD200 460-871531/8	200.0	60.161094	50.0	779547.0	0.300805	Y
6	STD500 460-871531/9	500.0	143.05102	50.0	817379.0	0.286102	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

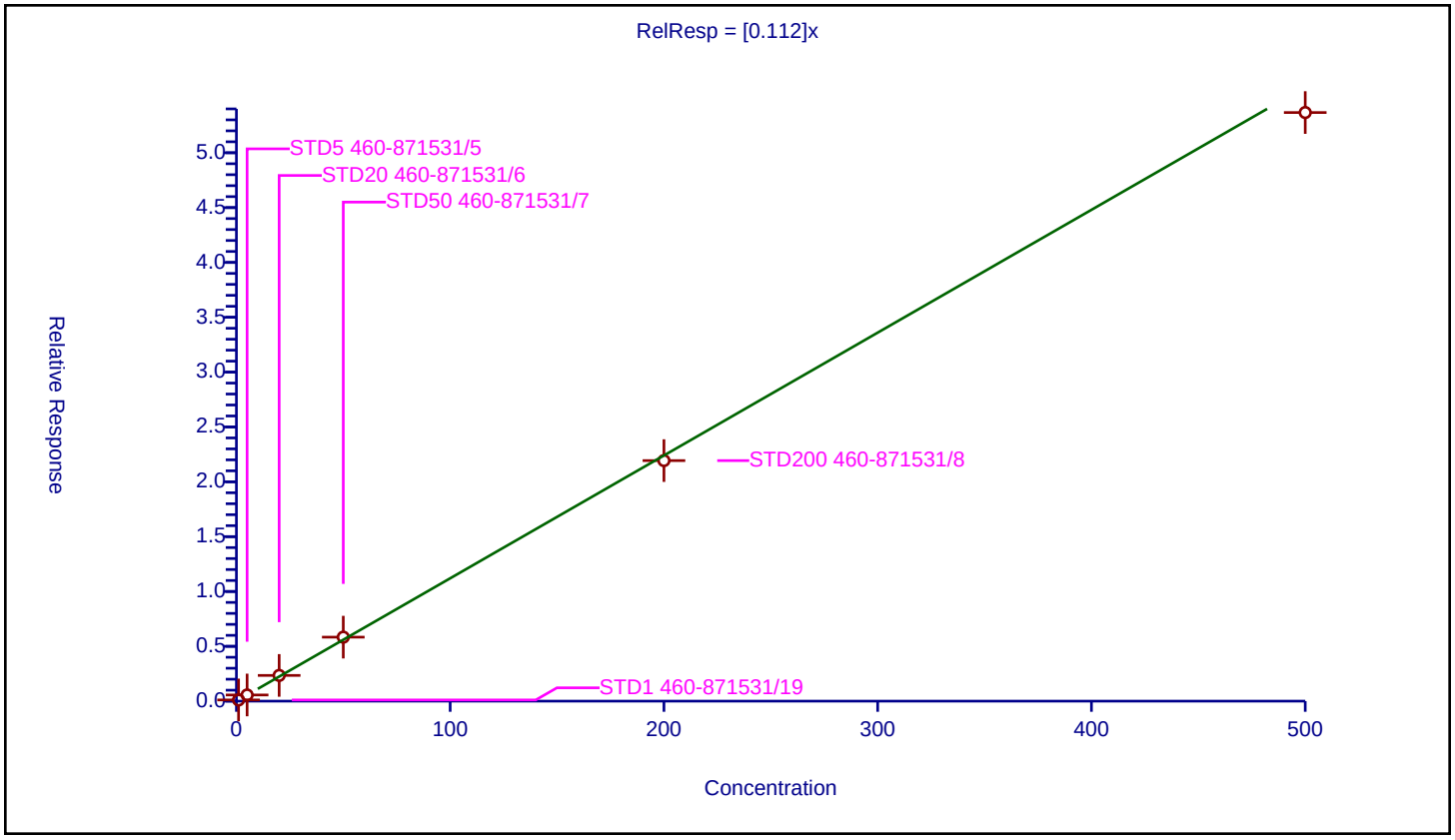
Curve Coefficients

Intercept:	0
Slope:	0.112

Error Coefficients

Standard Error:	423000
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	STD1 460-871531/19	1.0	0.108497	50.0	643794.0	0.108497	Y
2	STD5 460-871531/5	5.0	0.56247	50.0	665636.0	0.112494	Y
3	STD20 460-871531/6	20.0	2.345797	50.0	701787.0	0.11729	Y
4	STD50 460-871531/7	50.0	5.833738	50.0	727801.0	0.116675	Y
5	STD200 460-871531/8	200.0	21.933059	50.0	779547.0	0.109665	Y
6	STD500 460-871531/9	500.0	53.667515	50.0	817379.0	0.107335	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

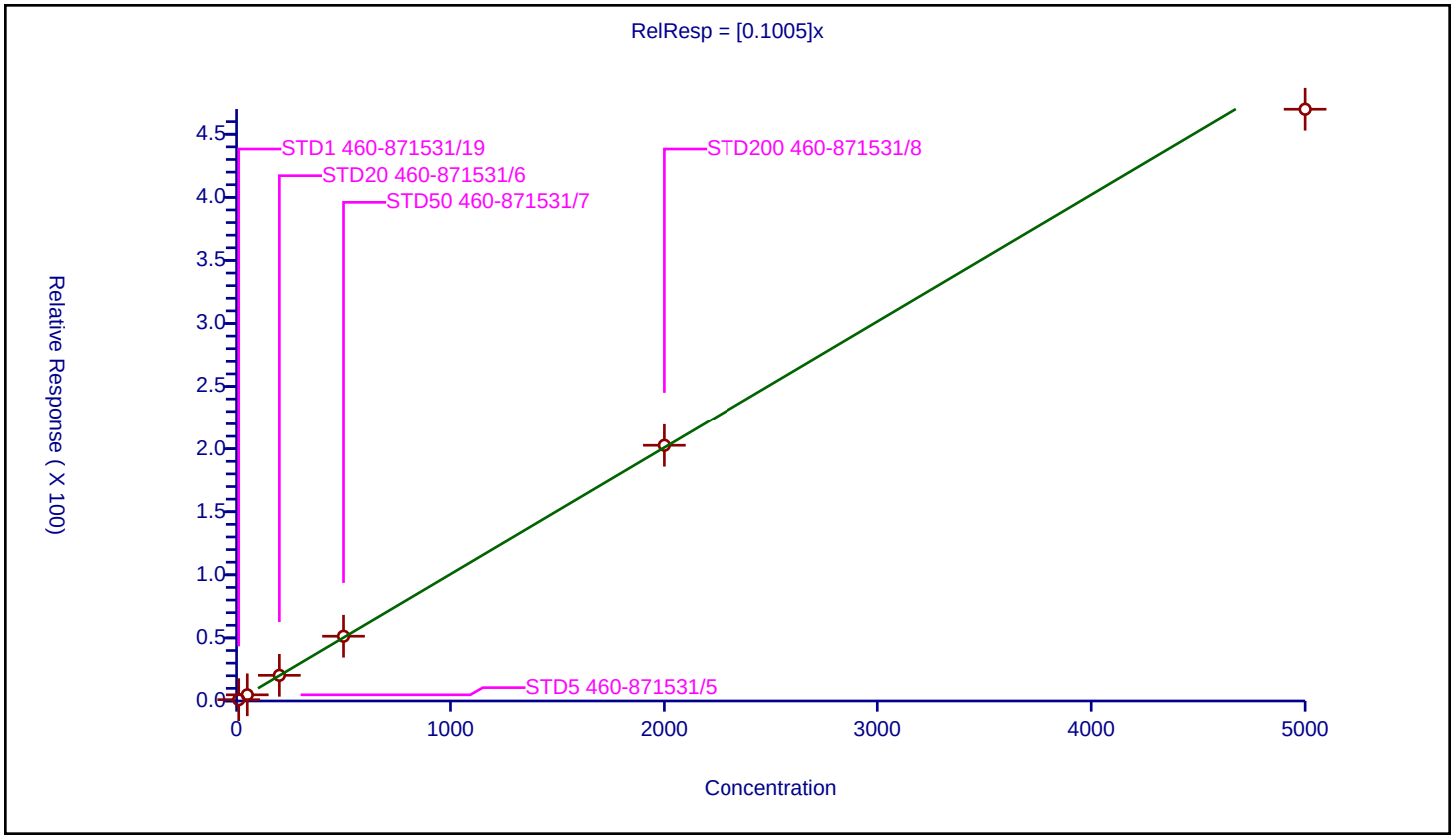
Curve Coefficients

Intercept:	0
Slope:	0.1005

Error Coefficients

Standard Error:	3730000
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	STD1 460-871531/19	10.0	1.054763	50.0	643794.0	0.105476	Y
2	STD5 460-871531/5	50.0	4.893365	50.0	665636.0	0.097867	Y
3	STD20 460-871531/6	200.0	20.344349	50.0	701787.0	0.101722	Y
4	STD50 460-871531/7	500.0	51.334293	50.0	727801.0	0.102669	Y
5	STD200 460-871531/8	2000.0	202.737423	50.0	779547.0	0.101369	Y
6	STD500 460-871531/9	5000.0	469.828439	50.0	817379.0	0.093966	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

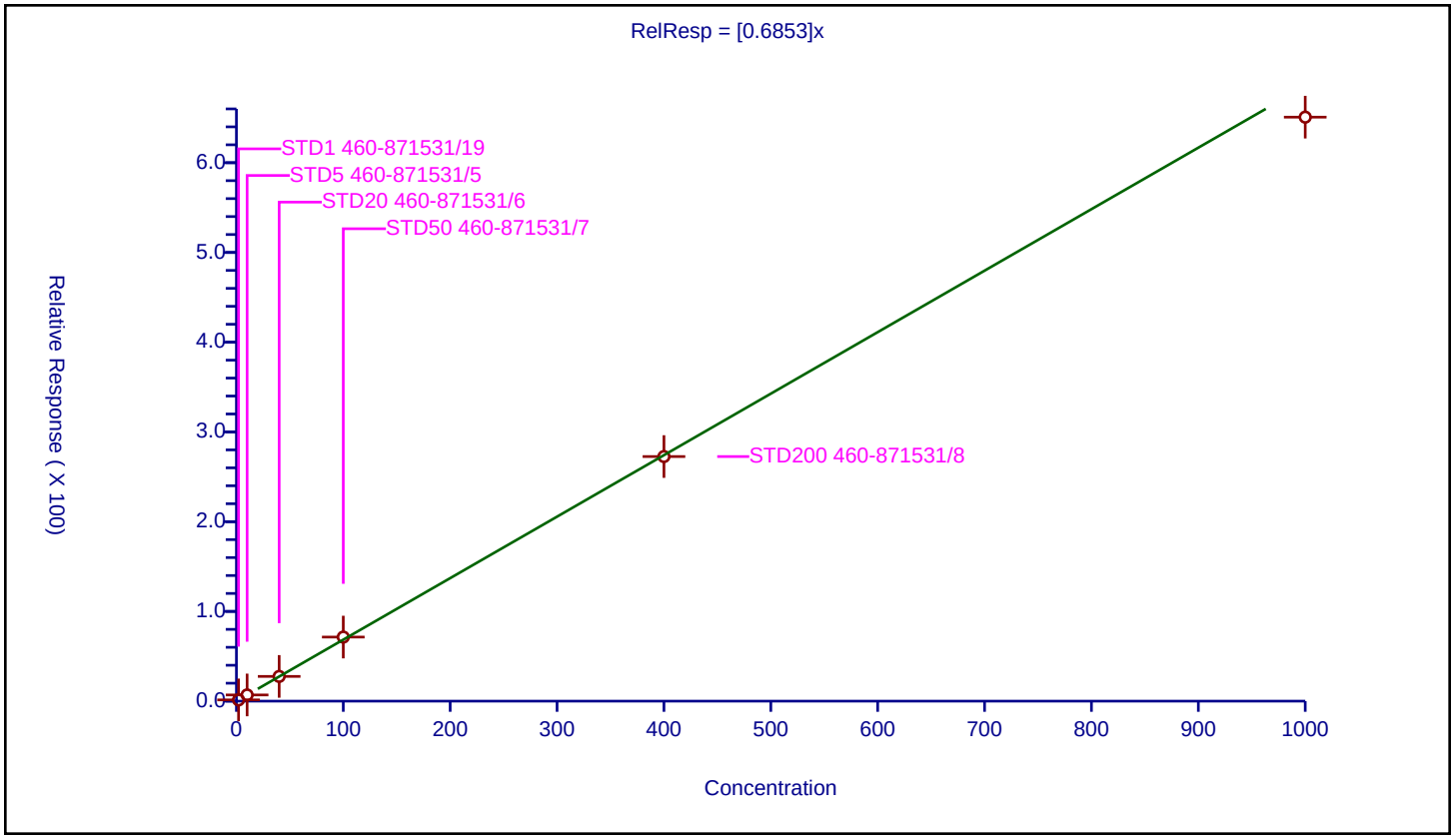
Curve Coefficients

Intercept:	0
Slope:	0.6853

Error Coefficients

Standard Error:	720000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	2.0	1.372573	250.0	464274.0	0.686287	Y
2	STD5 460-871531/5	10.0	6.905863	250.0	495702.0	0.690586	Y
3	STD20 460-871531/6	40.0	27.551787	250.0	525710.0	0.688795	Y
4	STD50 460-871531/7	100.0	71.393562	250.0	543729.0	0.713936	Y
5	STD200 460-871531/8	400.0	272.571949	250.0	563631.0	0.68143	Y
6	STD500 460-871531/9	1000.0	650.790858	250.0	568370.0	0.650791	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

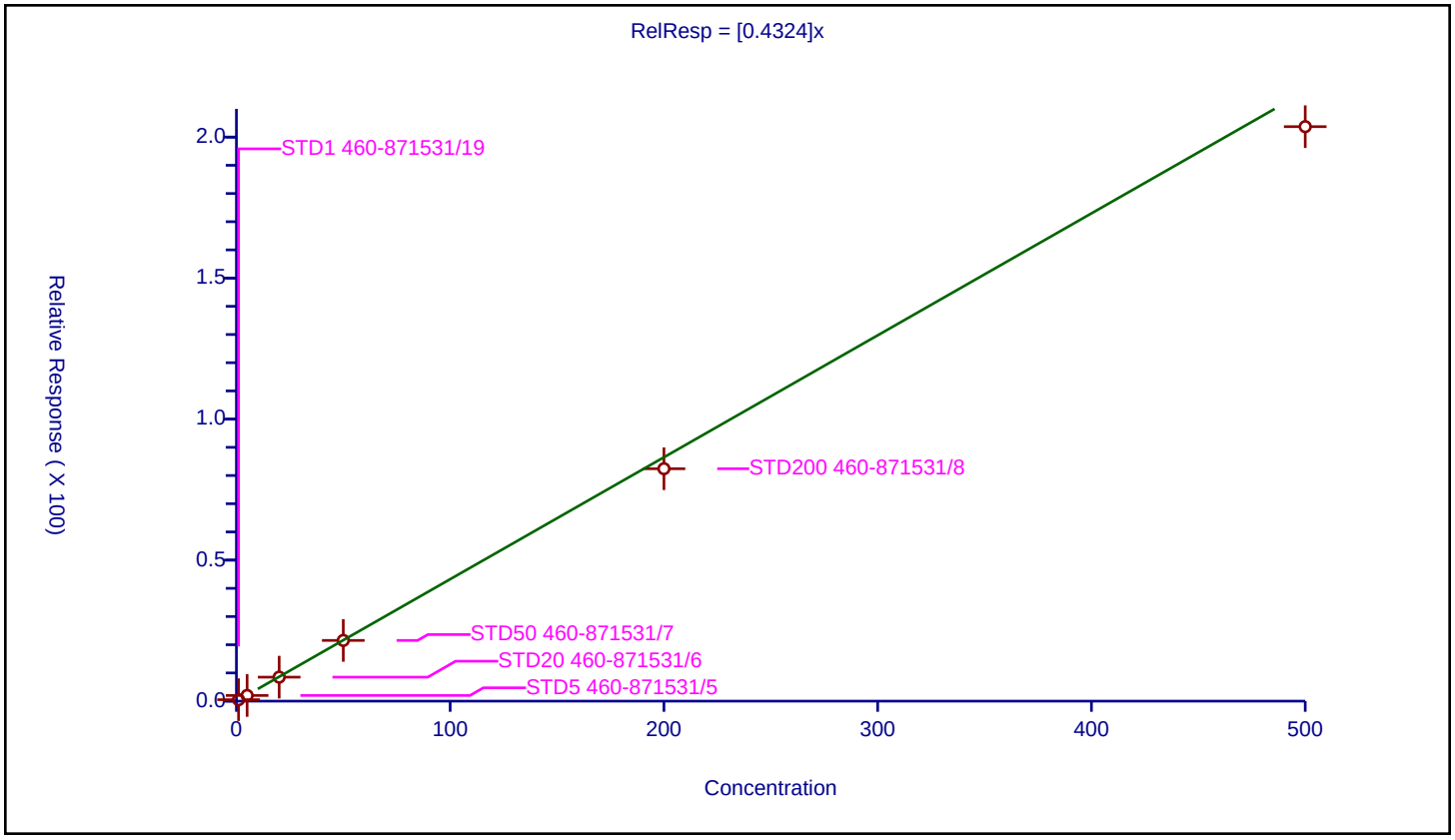
Curve Coefficients

Intercept:	0
Slope:	0.4324

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.517013	50.0	643794.0	0.517013	Y
2	STD5 460-871531/5	5.0	2.009281	50.0	665636.0	0.401856	Y
3	STD20 460-871531/6	20.0	8.507781	50.0	701787.0	0.425389	Y
4	STD50 460-871531/7	50.0	21.524702	50.0	727801.0	0.430494	Y
5	STD200 460-871531/8	200.0	82.416006	50.0	779547.0	0.41208	Y
6	STD500 460-871531/9	500.0	203.70434	50.0	817379.0	0.407409	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

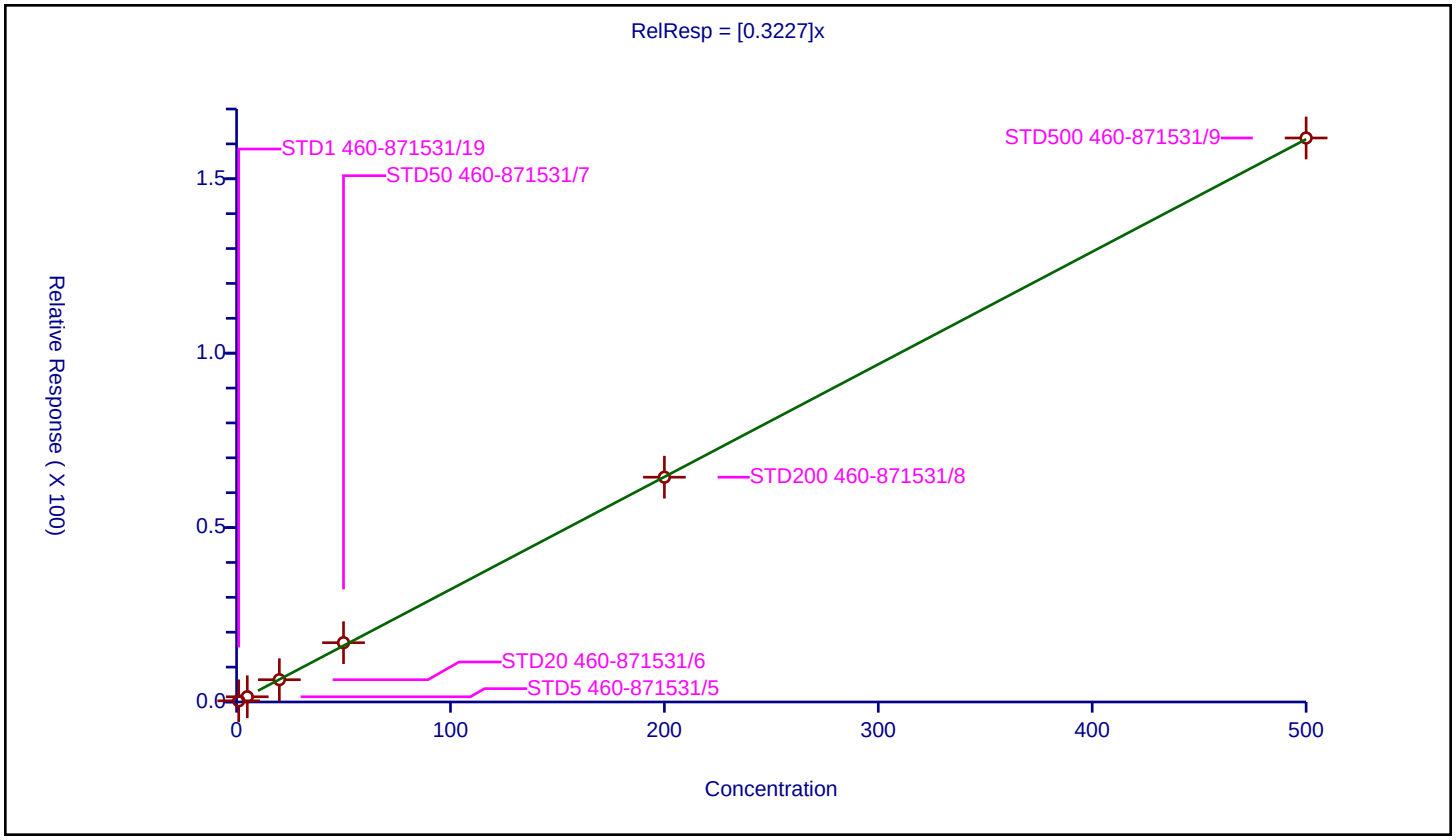
Curve Coefficients

Intercept:	0
Slope:	0.3227

Error Coefficients

Standard Error:	1270000
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	STD1 460-871531/19	1.0	0.33256	50.0	643794.0	0.33256	Y
2	STD5 460-871531/5	5.0	1.492482	50.0	665636.0	0.298496	Y
3	STD20 460-871531/6	20.0	6.389403	50.0	701787.0	0.31947	Y
4	STD50 460-871531/7	50.0	16.999839	50.0	727801.0	0.339997	Y
5	STD200 460-871531/8	200.0	64.444158	50.0	779547.0	0.322221	Y
6	STD500 460-871531/9	500.0	161.700814	50.0	817379.0	0.323402	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

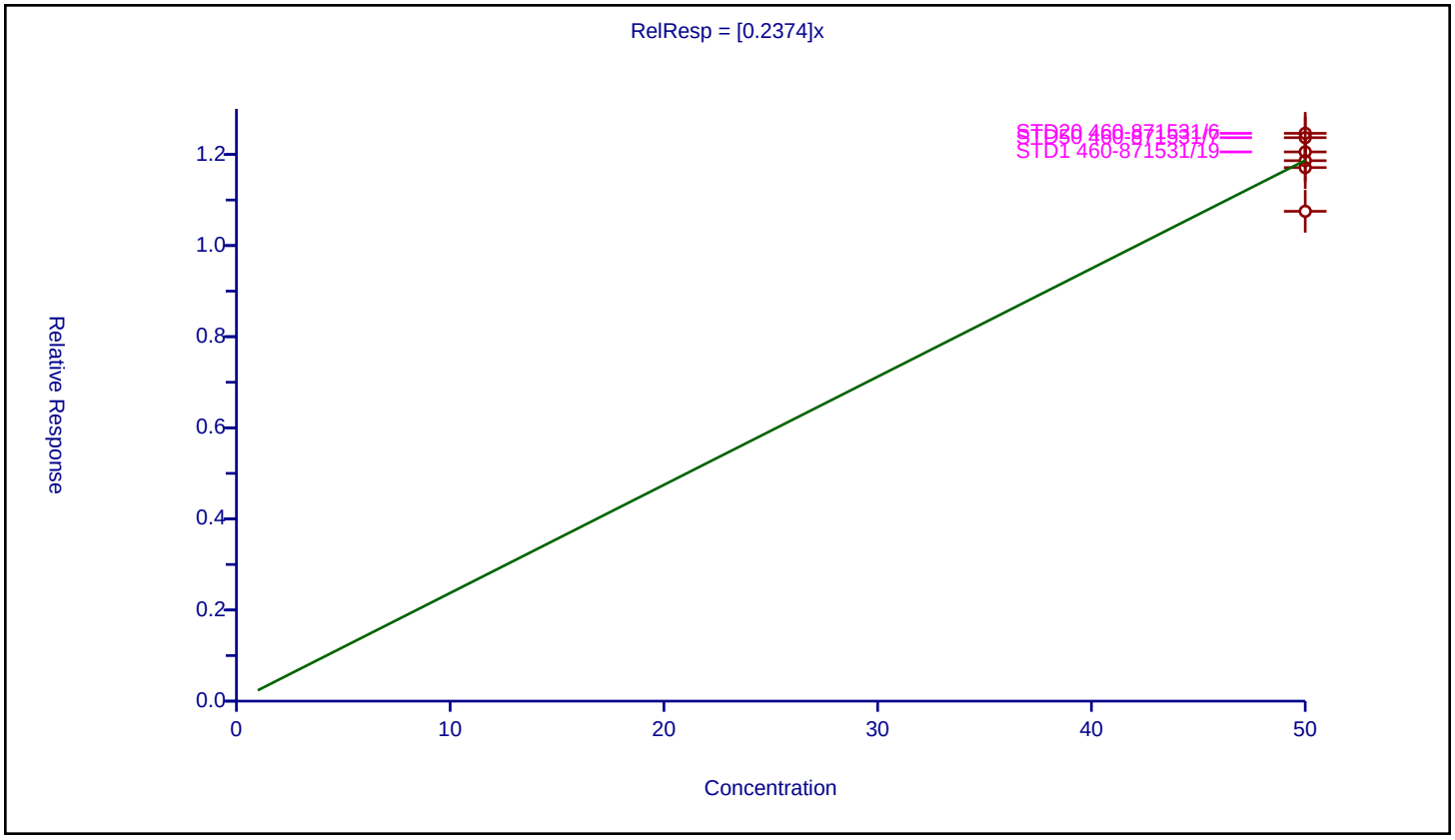
Curve Coefficients

Intercept:	0
Slope:	0.2374

Error Coefficients

Standard Error:	188000
Relative Standard Error:	5.2
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-871531/5	50.0	11.711431	50.0	665636.0	0.234229	Y
2	STD20 460-871531/6	50.0	12.463824	50.0	701787.0	0.249276	Y
3	STD50 460-871531/7	50.0	12.368422	50.0	727801.0	0.247368	Y
4	STD200 460-871531/8	50.0	11.863557	50.0	779547.0	0.237271	Y
5	STD500 460-871531/9	50.0	10.752295	50.0	817379.0	0.215046	Y
6	STD1 460-871531/19	50.0	12.055875	50.0	643794.0	0.241118	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

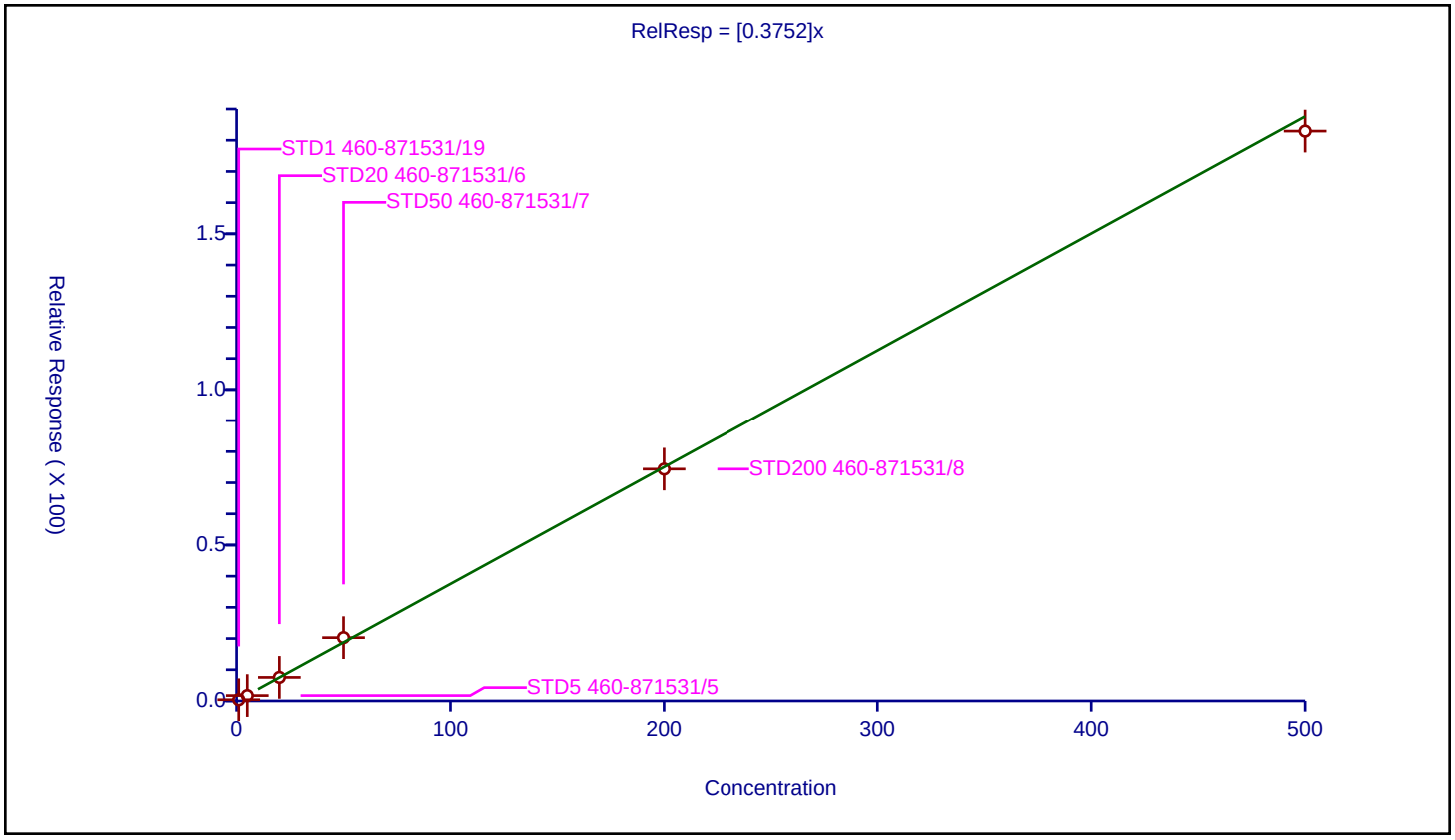
Curve Coefficients

Intercept:	0
Slope:	0.3752

Error Coefficients

Standard Error:	1440000
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	STD1 460-871531/19	1.0	0.385993	50.0	643794.0	0.385993	Y
2	STD5 460-871531/5	5.0	1.721662	50.0	665636.0	0.344332	Y
3	STD20 460-871531/6	20.0	7.55051	50.0	701787.0	0.377526	Y
4	STD50 460-871531/7	50.0	20.287551	50.0	727801.0	0.405751	Y
5	STD200 460-871531/8	200.0	74.396861	50.0	779547.0	0.371984	Y
6	STD500 460-871531/9	500.0	182.937658	50.0	817379.0	0.365875	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

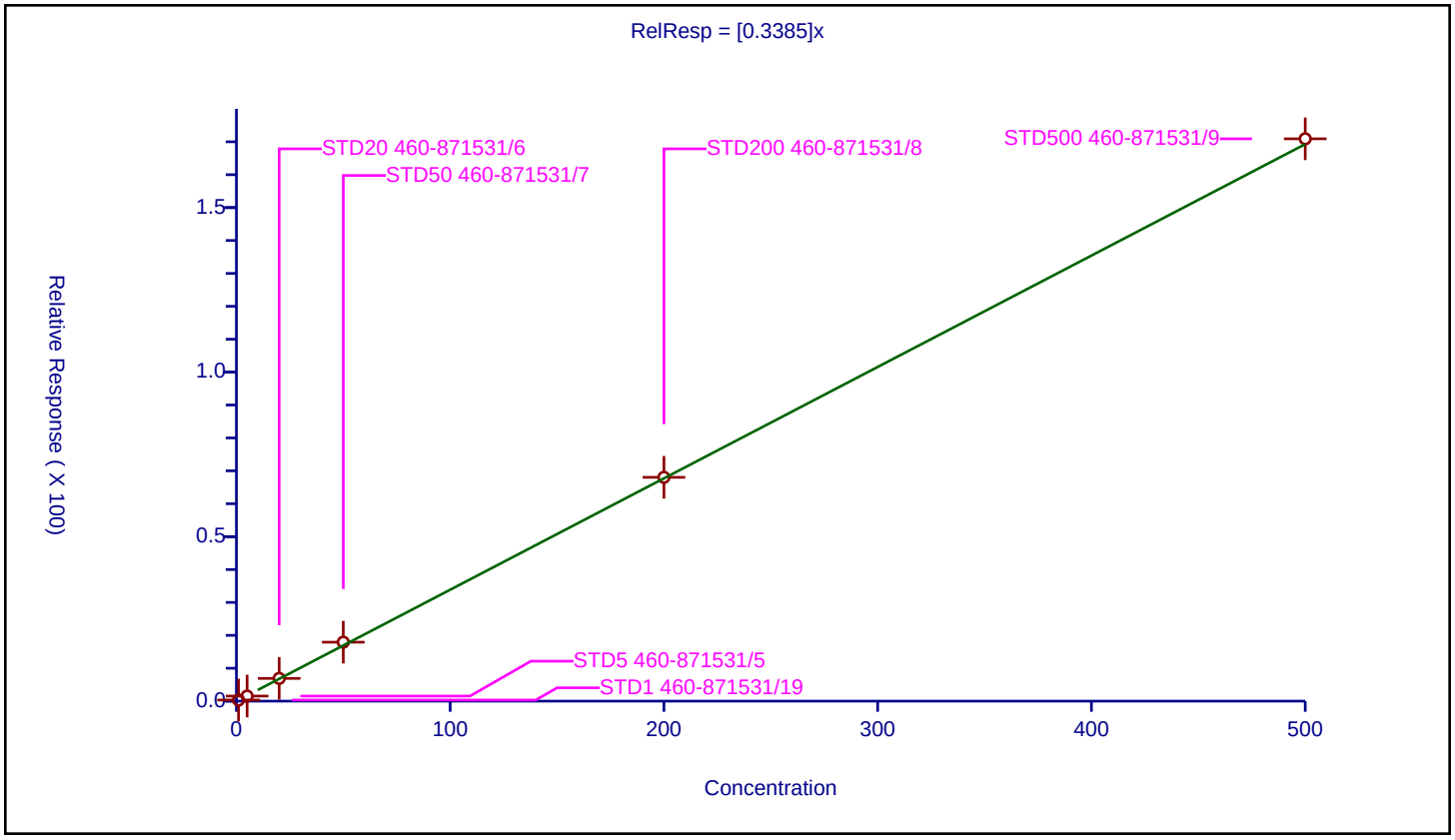
Curve Coefficients

Intercept:	0
Slope:	0.3385

Error Coefficients

Standard Error:	1340000
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	STD1 460-871531/19	1.0	0.337375	50.0	643794.0	0.337375	Y
2	STD5 460-871531/5	5.0	1.541759	50.0	665636.0	0.308352	Y
3	STD20 460-871531/6	20.0	6.905372	50.0	701787.0	0.345269	Y
4	STD50 460-871531/7	50.0	17.917398	50.0	727801.0	0.358348	Y
5	STD200 460-871531/8	200.0	68.026046	50.0	779547.0	0.34013	Y
6	STD500 460-871531/9	500.0	170.909333	50.0	817379.0	0.341819	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

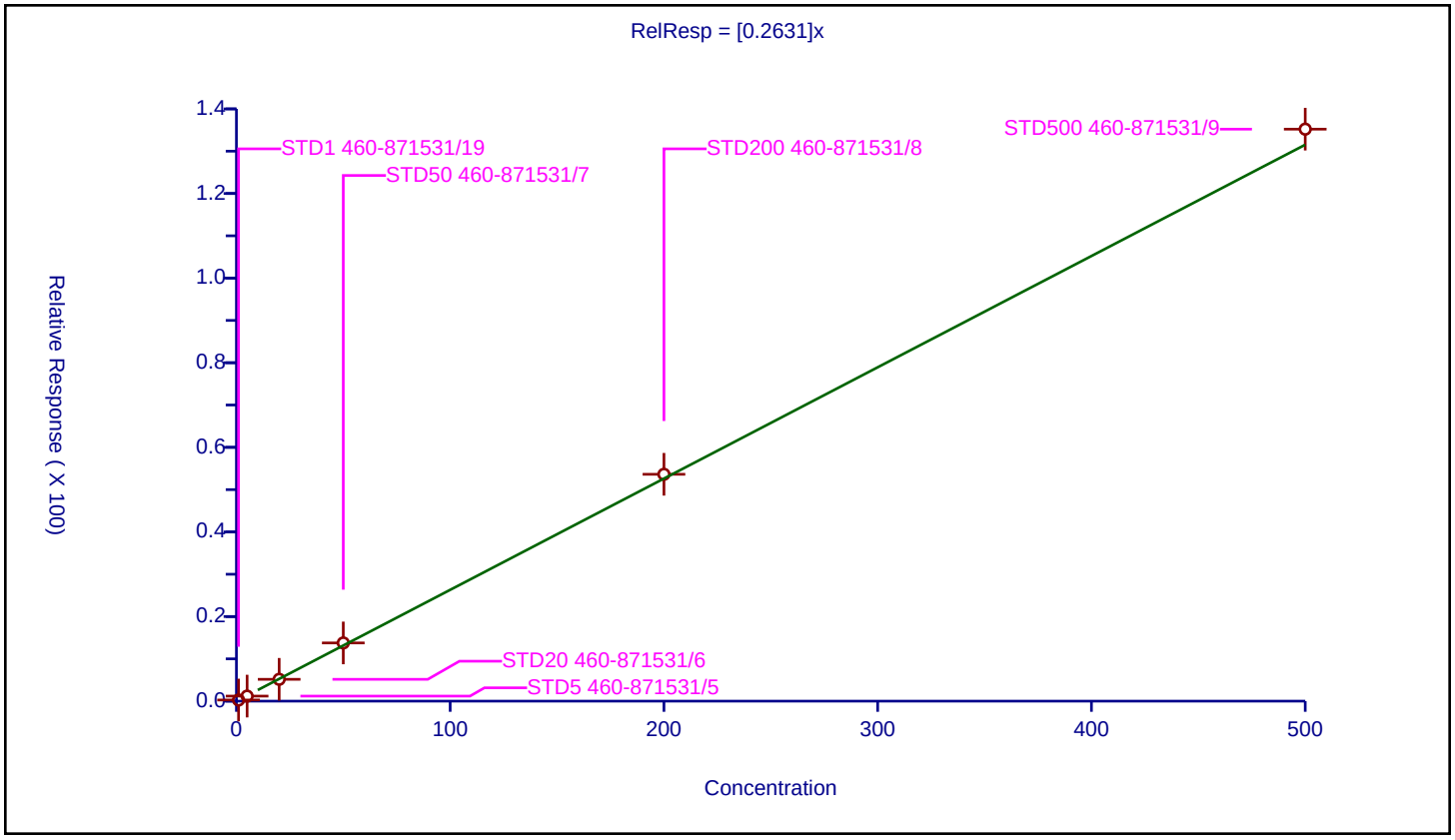
Curve Coefficients

Intercept:	0
Slope:	0.2631

Error Coefficients

Standard Error:	1060000
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	STD1 460-871531/19	1.0	0.268098	50.0	643794.0	0.268098	Y
2	STD5 460-871531/5	5.0	1.193069	50.0	665636.0	0.238614	Y
3	STD20 460-871531/6	20.0	5.157975	50.0	701787.0	0.257899	Y
4	STD50 460-871531/7	50.0	13.758431	50.0	727801.0	0.275169	Y
5	STD200 460-871531/8	200.0	53.626016	50.0	779547.0	0.26813	Y
6	STD500 460-871531/9	500.0	135.209615	50.0	817379.0	0.270419	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

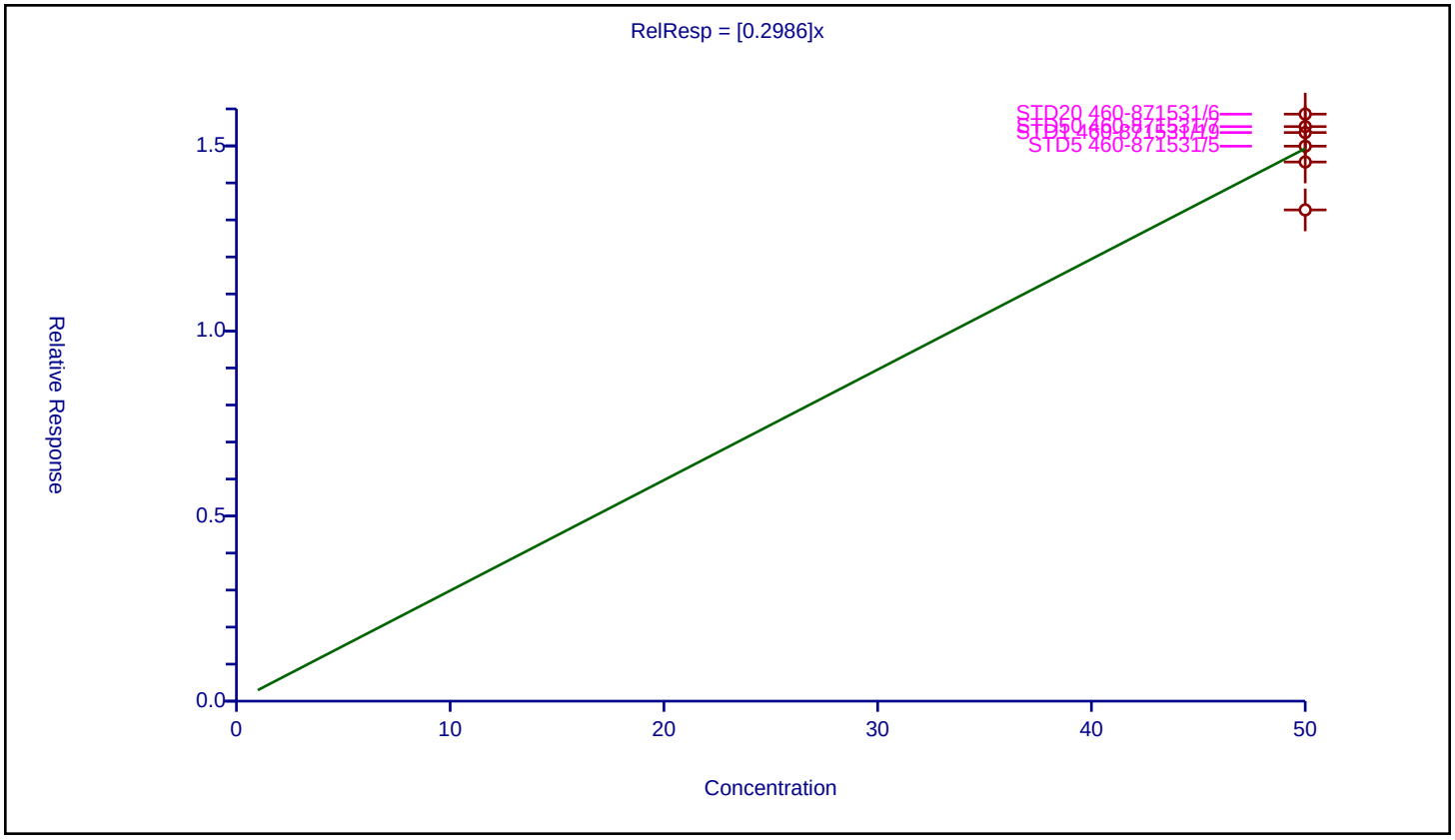
Curve Coefficients

Intercept:	0
Slope:	0.2986

Error Coefficients

Standard Error:	236000
Relative Standard Error:	6.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-871531/5	50.0	14.992654	50.0	665636.0	0.299853	Y
2	STD20 460-871531/6	50.0	15.858017	50.0	701787.0	0.31716	Y
3	STD50 460-871531/7	50.0	15.521413	50.0	727801.0	0.310428	Y
4	STD200 460-871531/8	50.0	14.565318	50.0	779547.0	0.291306	Y
5	STD500 460-871531/9	50.0	13.270833	50.0	817379.0	0.265417	Y
6	STD1 460-871531/19	50.0	15.361202	50.0	643794.0	0.307224	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

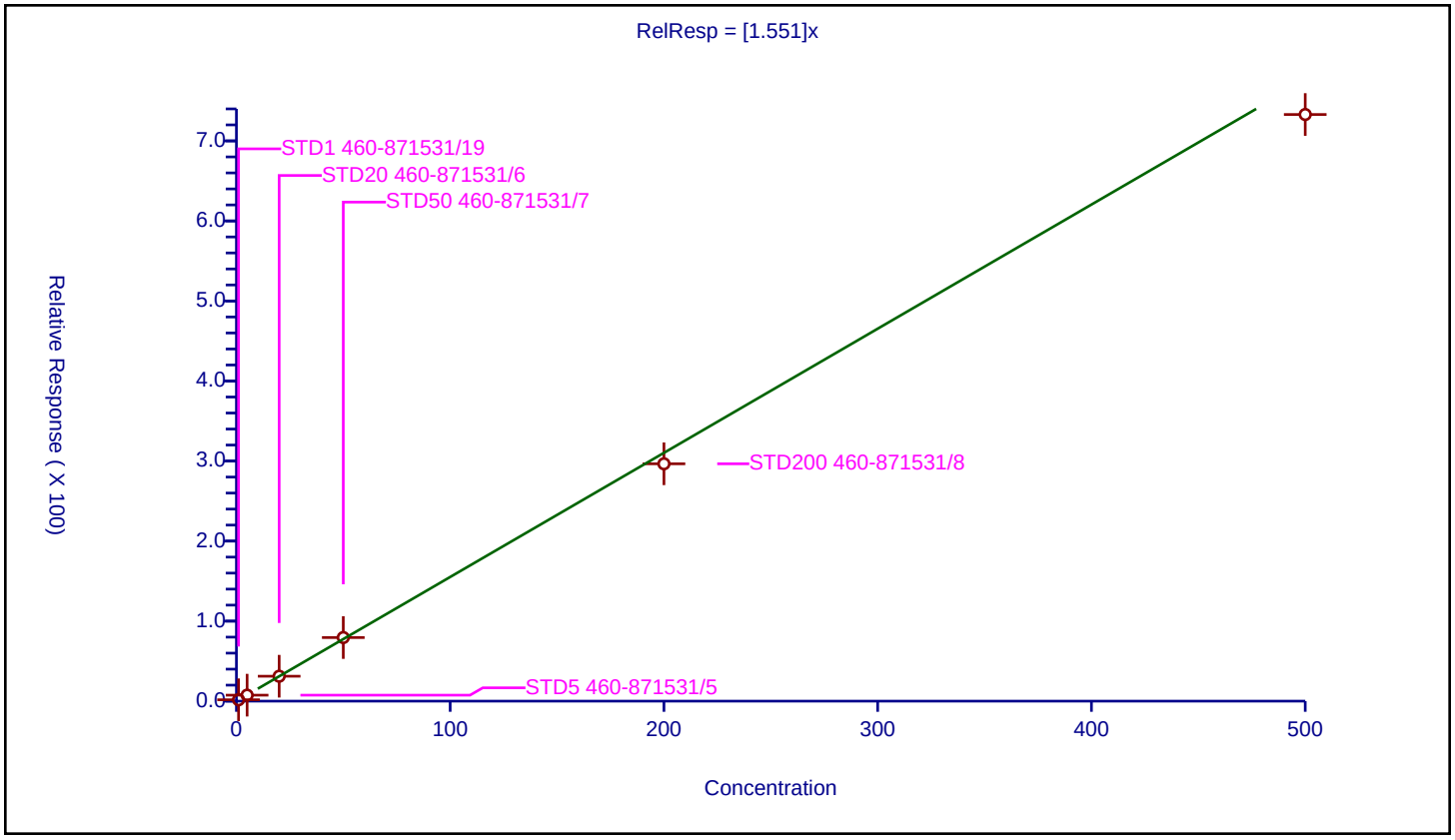
Curve Coefficients

Intercept:	0
Slope:	1.551

Error Coefficients

Standard Error:	3860000
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	STD1 460-871531/19	1.0	1.717775	50.0	422465.0	1.717775	Y
2	STD5 460-871531/5	5.0	7.468333	50.0	428121.0	1.493667	Y
3	STD20 460-871531/6	20.0	31.14688	50.0	460266.0	1.557344	Y
4	STD50 460-871531/7	50.0	79.4578	50.0	478919.0	1.589156	Y
5	STD200 460-871531/8	200.0	296.566054	50.0	519650.0	1.48283	Y
6	STD500 460-871531/9	500.0	732.980812	50.0	548005.0	1.465962	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

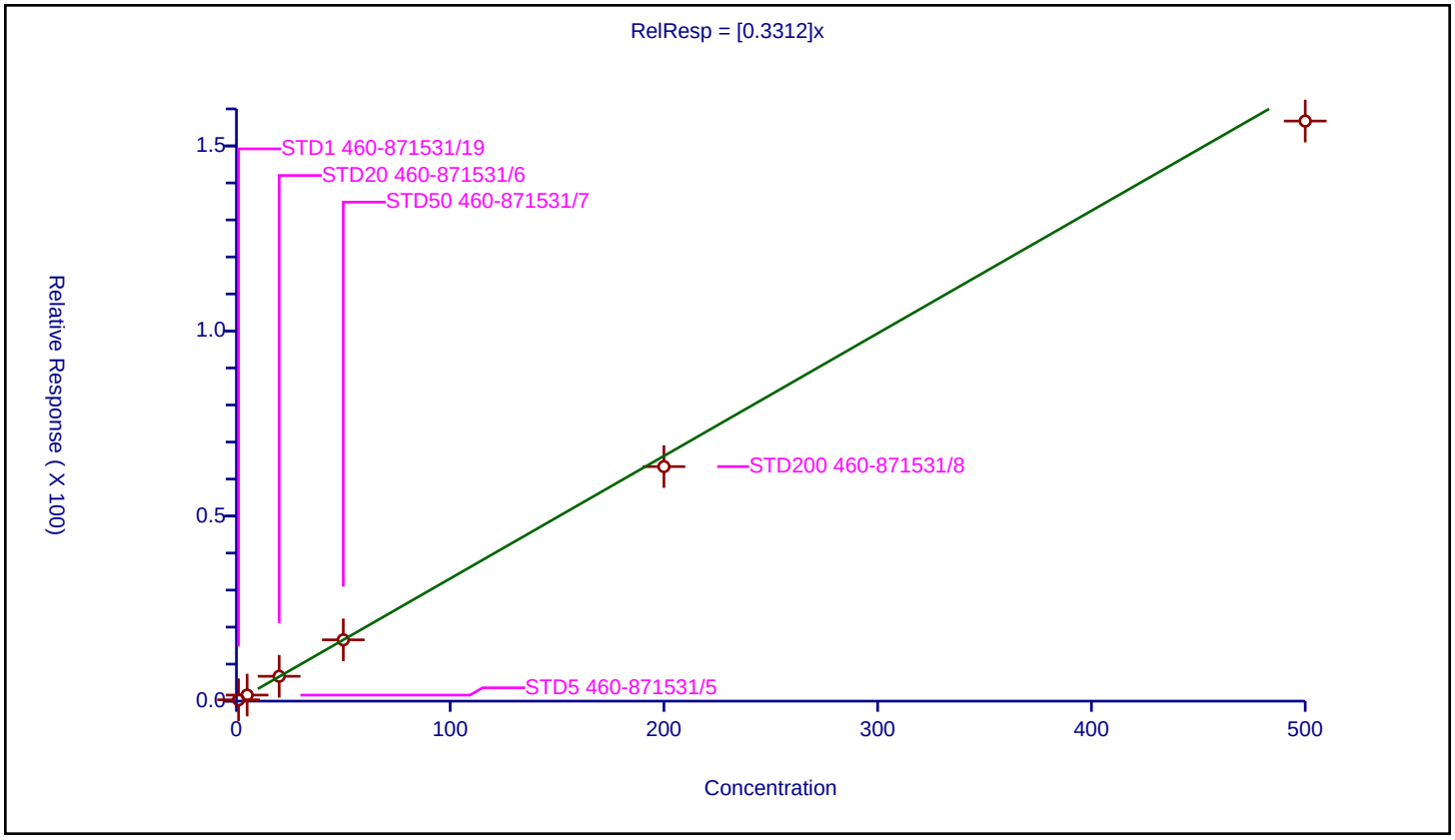
Curve Coefficients

Intercept:	0
Slope:	0.3312

Error Coefficients

Standard Error:	1230000
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	STD1 460-871531/19	1.0	0.362072	50.0	643794.0	0.362072	Y
2	STD5 460-871531/5	5.0	1.639334	50.0	665636.0	0.327867	Y
3	STD20 460-871531/6	20.0	6.714715	50.0	701787.0	0.335736	Y
4	STD50 460-871531/7	50.0	16.559609	50.0	727801.0	0.331192	Y
5	STD200 460-871531/8	200.0	63.362568	50.0	779547.0	0.316813	Y
6	STD500 460-871531/9	500.0	156.721668	50.0	817379.0	0.313443	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

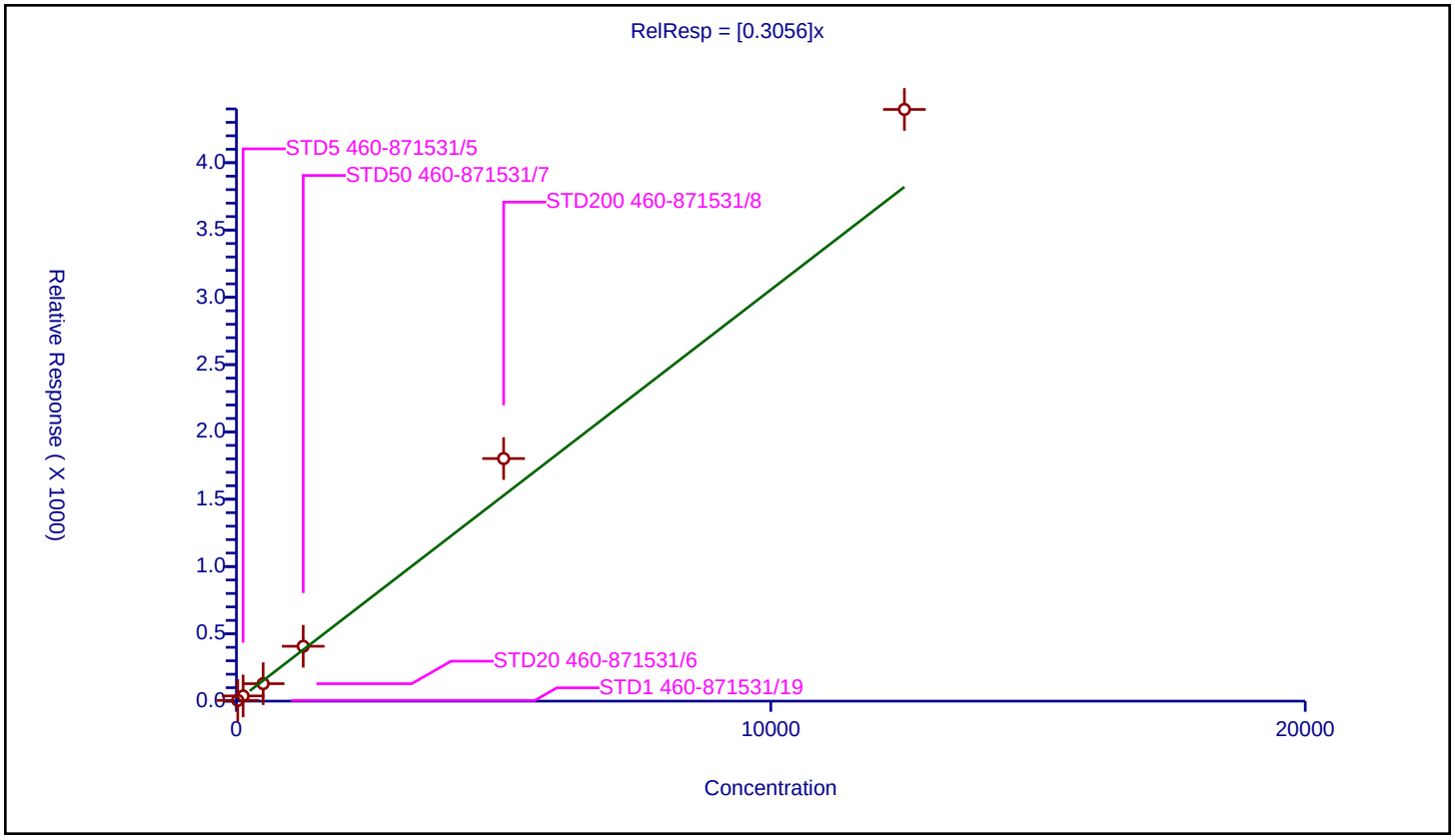
Curve Coefficients

Intercept:	0
Slope:	0.3056

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	17.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	25.0	5.672502	1000.0	415337.0	0.2269	Y
2	STD5 460-871531/5	125.0	38.64945	1000.0	438014.0	0.309196	Y
3	STD20 460-871531/6	500.0	129.62056	1000.0	455329.0	0.259241	Y
4	STD50 460-871531/7	1250.0	407.776407	1000.0	492824.0	0.326221	Y
5	STD200 460-871531/8	5000.0	1802.310835	1000.0	491251.0	0.360462	Y
6	STD500 460-871531/9	12500.0	4396.043847	1000.0	513327.0	0.351684	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

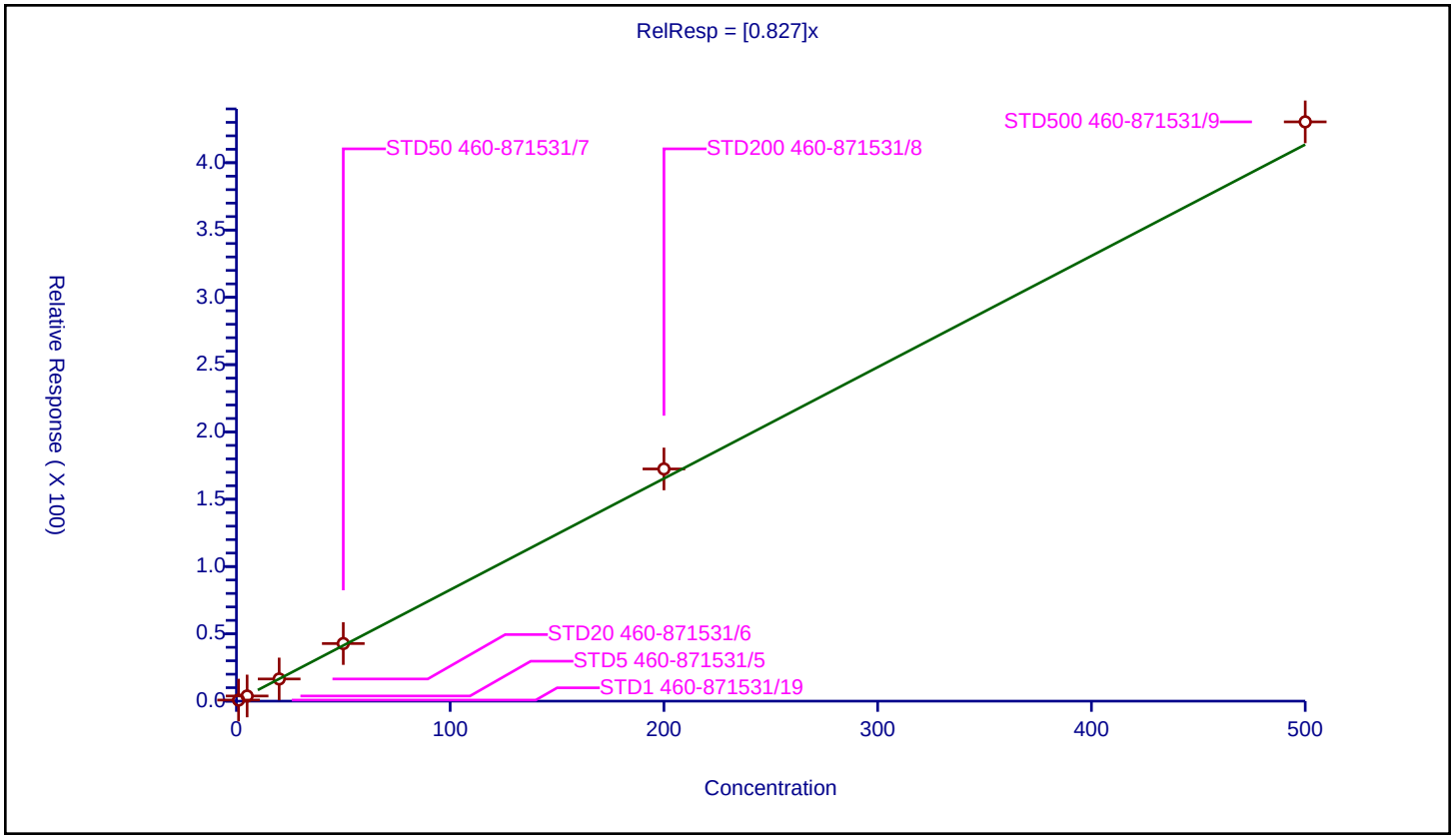
Curve Coefficients

Intercept:	0
Slope:	0.827

Error Coefficients

Standard Error:	3380000
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	STD1 460-871531/19	1.0	0.79513	50.0	643794.0	0.79513	Y
2	STD5 460-871531/5	5.0	3.81958	50.0	665636.0	0.763916	Y
3	STD20 460-871531/6	20.0	16.476865	50.0	701787.0	0.823843	Y
4	STD50 460-871531/7	50.0	42.797482	50.0	727801.0	0.85595	Y
5	STD200 460-871531/8	200.0	172.49441	50.0	779547.0	0.862472	Y
6	STD500 460-871531/9	500.0	430.355869	50.0	817379.0	0.860712	Y



Calibration / Isopropyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

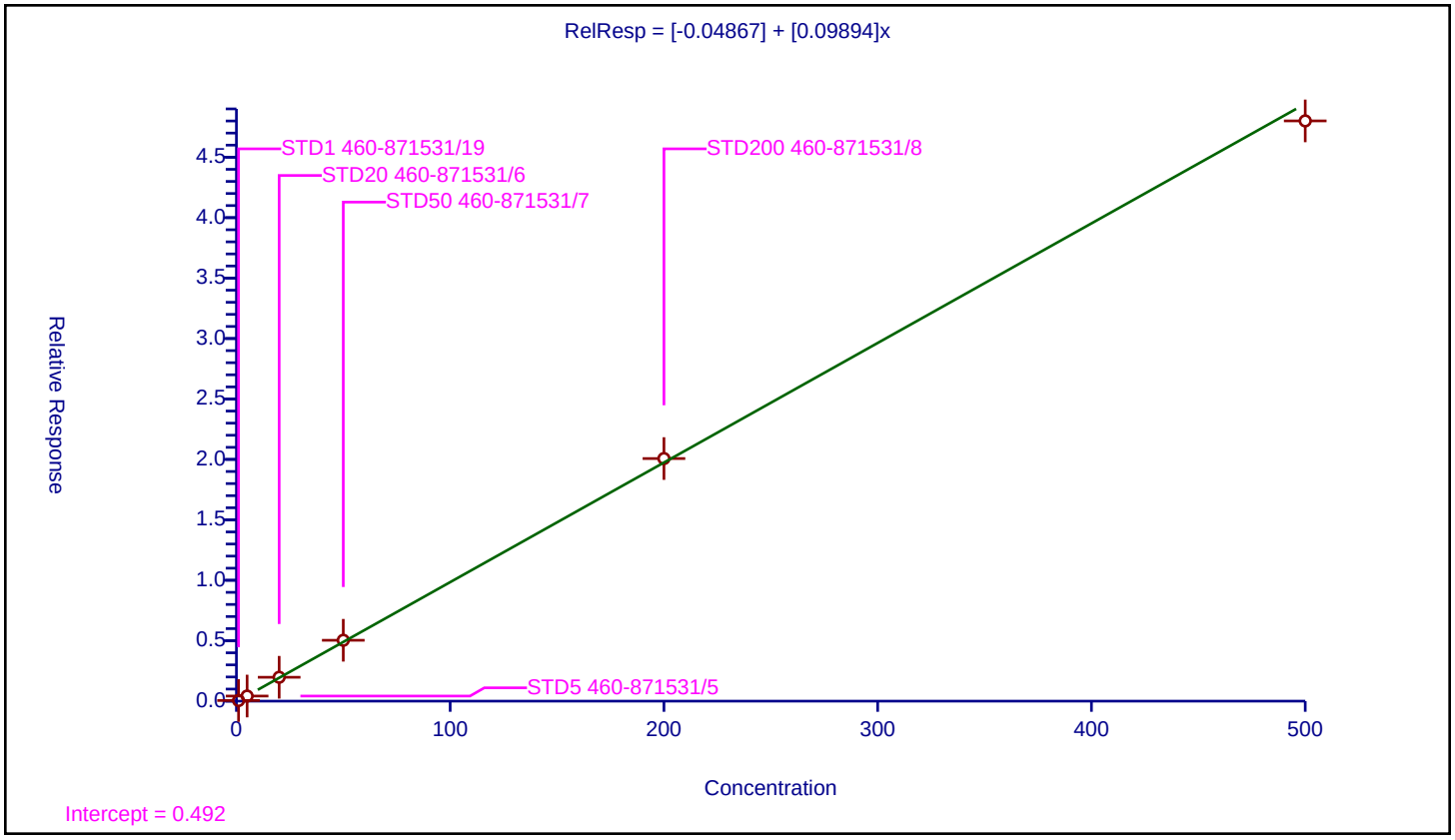
Curve Coefficients

Intercept:	-0.04867
Slope:	0.09894

Error Coefficients

Standard Error:	424000
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	STD1 460-871531/19	1.0	0.051026	50.0	643794.0	0.051026	Y
2	STD5 460-871531/5	5.0	0.422754	50.0	665636.0	0.084551	Y
3	STD20 460-871531/6	20.0	1.975742	50.0	701787.0	0.098787	Y
4	STD50 460-871531/7	50.0	5.036542	50.0	727801.0	0.100731	Y
5	STD200 460-871531/8	200.0	20.072234	50.0	779547.0	0.100361	Y
6	STD500 460-871531/9	500.0	48.006616	50.0	817379.0	0.096013	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

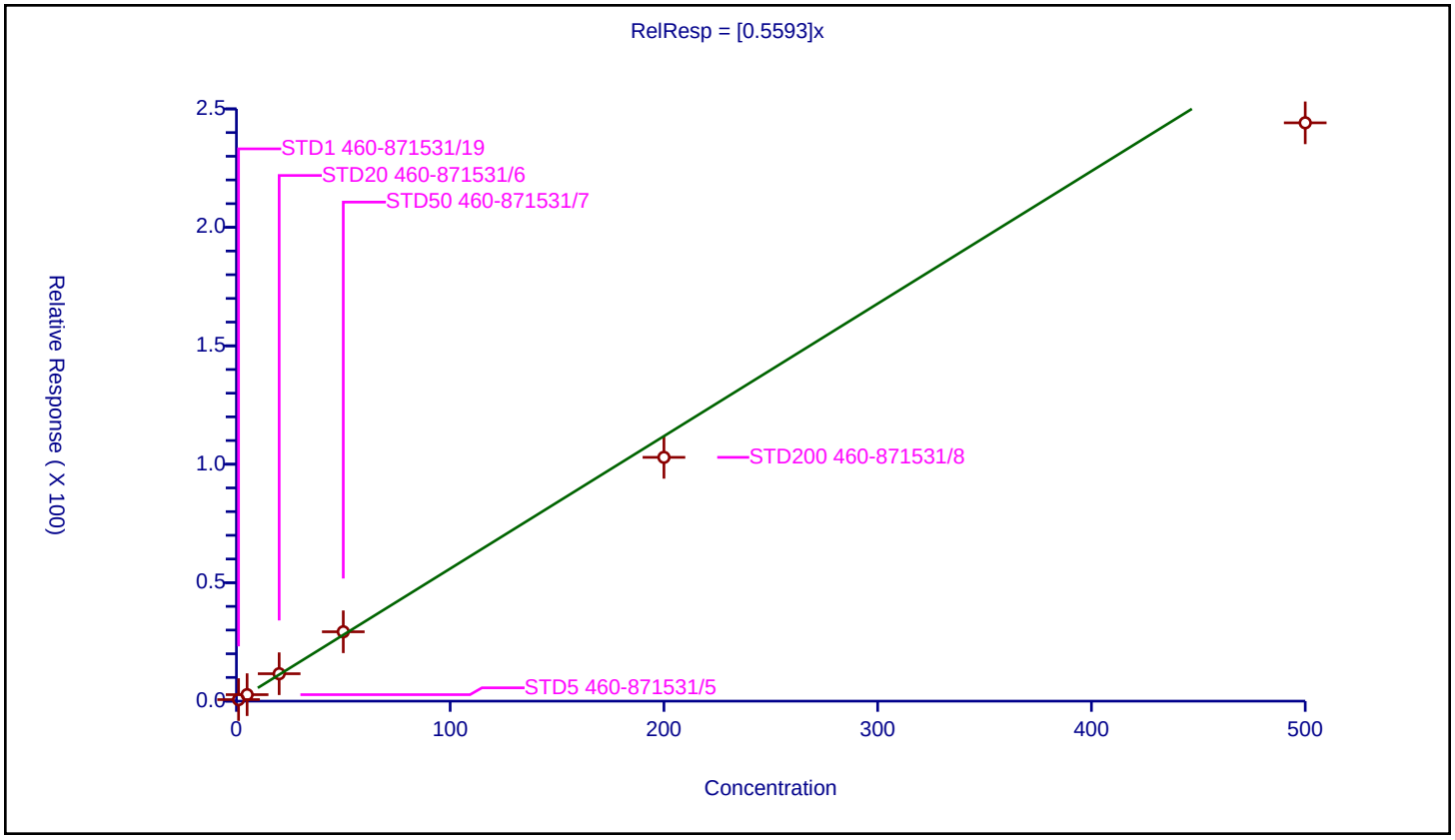
Curve Coefficients

Intercept:	0
Slope:	0.5593

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.641354	50.0	643794.0	0.641354	Y
2	STD5 460-871531/5	5.0	2.736856	50.0	665636.0	0.547371	Y
3	STD20 460-871531/6	20.0	11.573811	50.0	701787.0	0.578691	Y
4	STD50 460-871531/7	50.0	29.279776	50.0	727801.0	0.585596	Y
5	STD200 460-871531/8	200.0	102.914257	50.0	779547.0	0.514571	Y
6	STD500 460-871531/9	500.0	244.121332	50.0	817379.0	0.488243	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

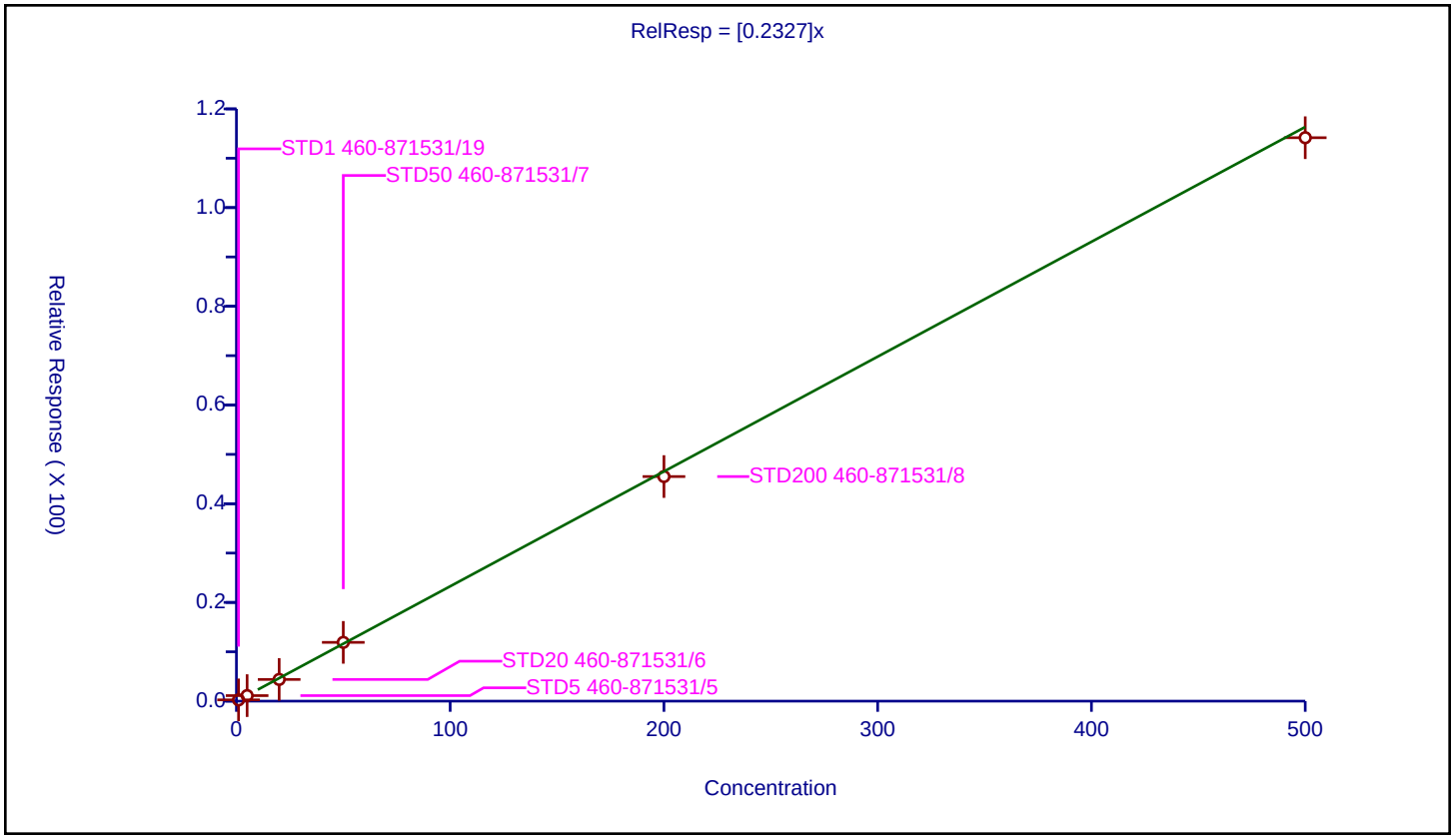
Curve Coefficients

Intercept:	0
Slope:	0.2327

Error Coefficients

Standard Error:	897000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.258002	50.0	643794.0	0.258002	Y
2	STD5 460-871531/5	5.0	1.121258	50.0	665636.0	0.224252	Y
3	STD20 460-871531/6	20.0	4.395279	50.0	701787.0	0.219764	Y
4	STD50 460-871531/7	50.0	11.909231	50.0	727801.0	0.238185	Y
5	STD200 460-871531/8	200.0	45.505851	50.0	779547.0	0.227529	Y
6	STD500 460-871531/9	500.0	114.163381	50.0	817379.0	0.228327	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

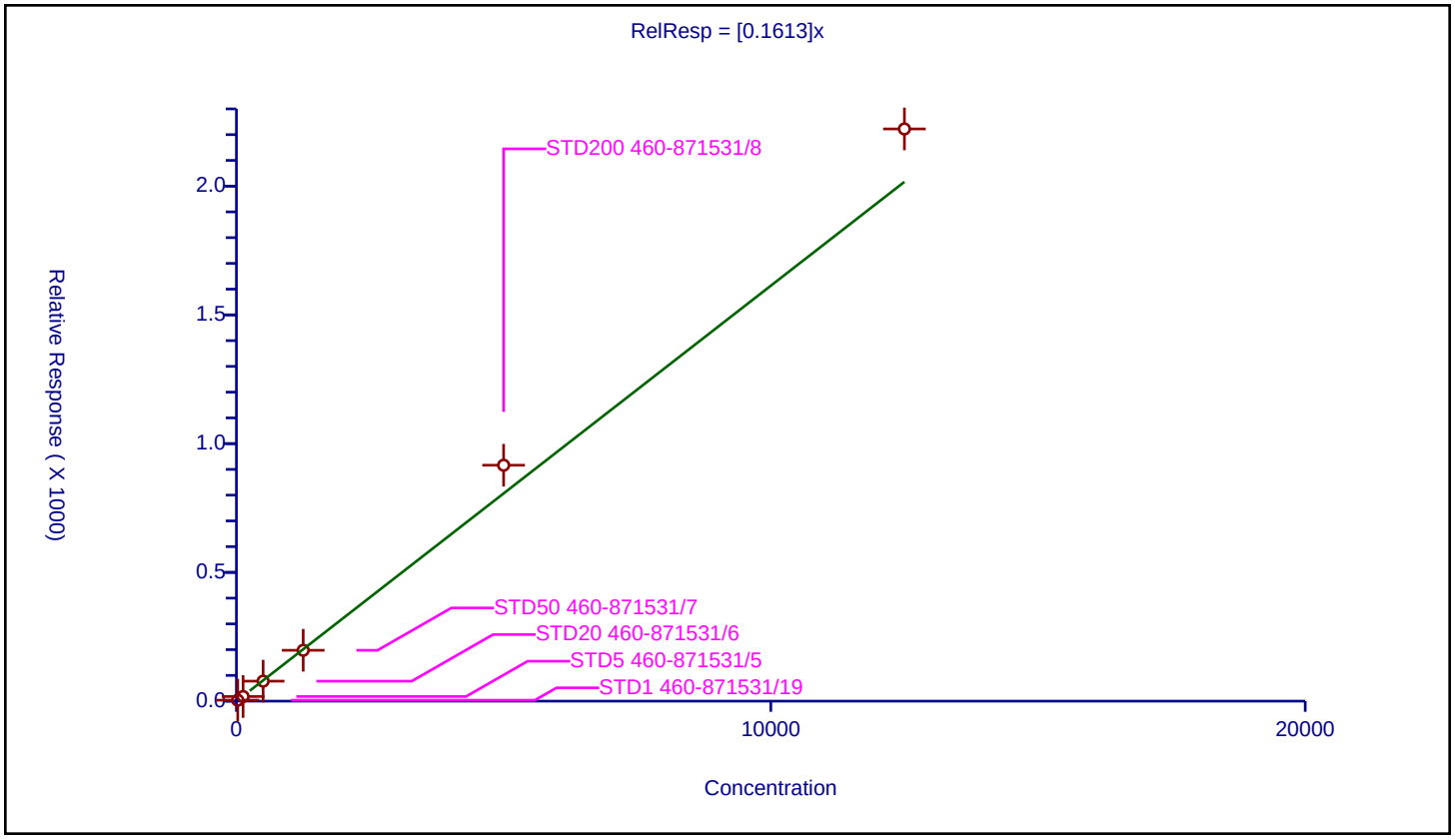
Curve Coefficients

Intercept:	0
Slope:	0.1613

Error Coefficients

Standard Error:	549000
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	STD1 460-871531/19	25.0	3.751171	1000.0	415337.0	0.150047	Y
2	STD5 460-871531/5	125.0	17.956047	1000.0	438014.0	0.143648	Y
3	STD20 460-871531/6	500.0	77.612012	1000.0	455329.0	0.155224	Y
4	STD50 460-871531/7	1250.0	197.51879	1000.0	492824.0	0.158015	Y
5	STD200 460-871531/8	5000.0	916.295336	1000.0	491251.0	0.183259	Y
6	STD500 460-871531/9	12500.0	2222.119624	1000.0	513327.0	0.17777	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

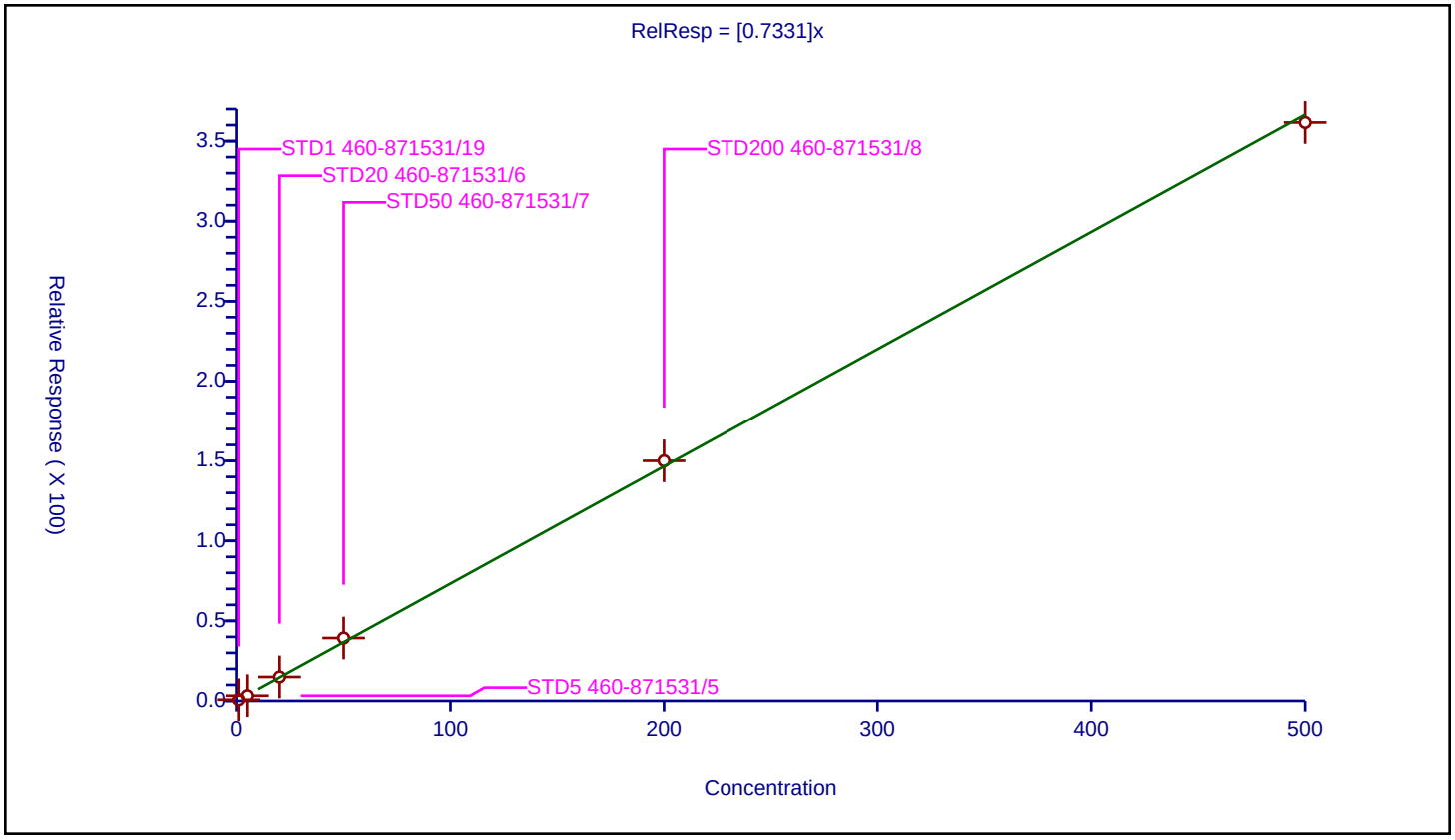
Curve Coefficients

Intercept:	0
Slope:	0.7331

Error Coefficients

Standard Error:	2860000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.741309	50.0	643794.0	0.741309	Y
2	STD5 460-871531/5	5.0	3.249899	50.0	665636.0	0.64998	Y
3	STD20 460-871531/6	20.0	14.960665	50.0	701787.0	0.748033	Y
4	STD50 460-871531/7	50.0	39.295288	50.0	727801.0	0.785906	Y
5	STD200 460-871531/8	200.0	150.075364	50.0	779547.0	0.750377	Y
6	STD500 460-871531/9	500.0	361.641845	50.0	817379.0	0.723284	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

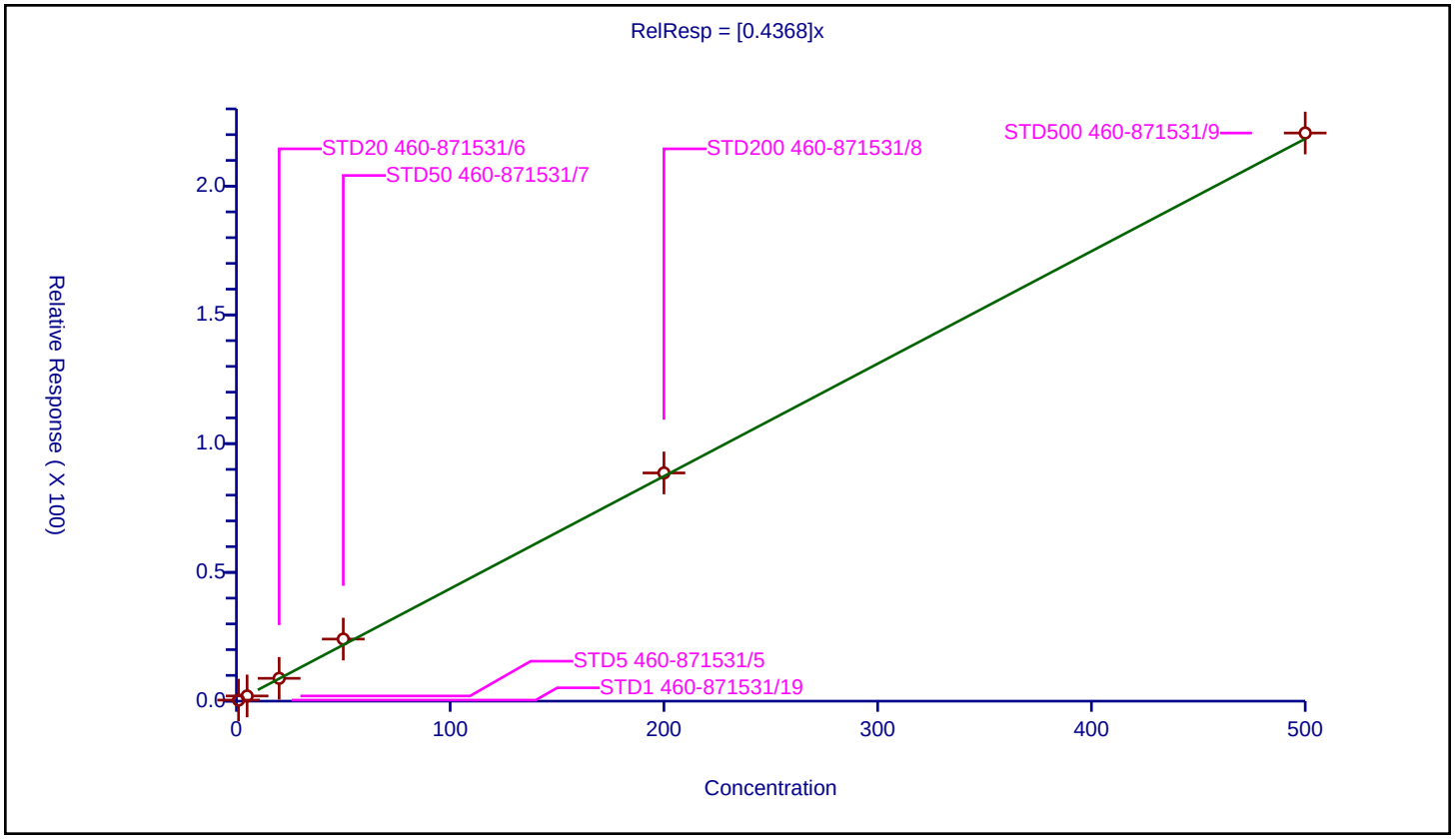
Curve Coefficients

Intercept:	0
Slope:	0.4368

Error Coefficients

Standard Error:	1740000
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	STD1 460-871531/19	1.0	0.409292	50.0	643794.0	0.409292	Y
2	STD5 460-871531/5	5.0	2.010258	50.0	665636.0	0.402052	Y
3	STD20 460-871531/6	20.0	8.859241	50.0	701787.0	0.442962	Y
4	STD50 460-871531/7	50.0	24.105422	50.0	727801.0	0.482108	Y
5	STD200 460-871531/8	200.0	88.617749	50.0	779547.0	0.443089	Y
6	STD500 460-871531/9	500.0	220.627763	50.0	817379.0	0.441256	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

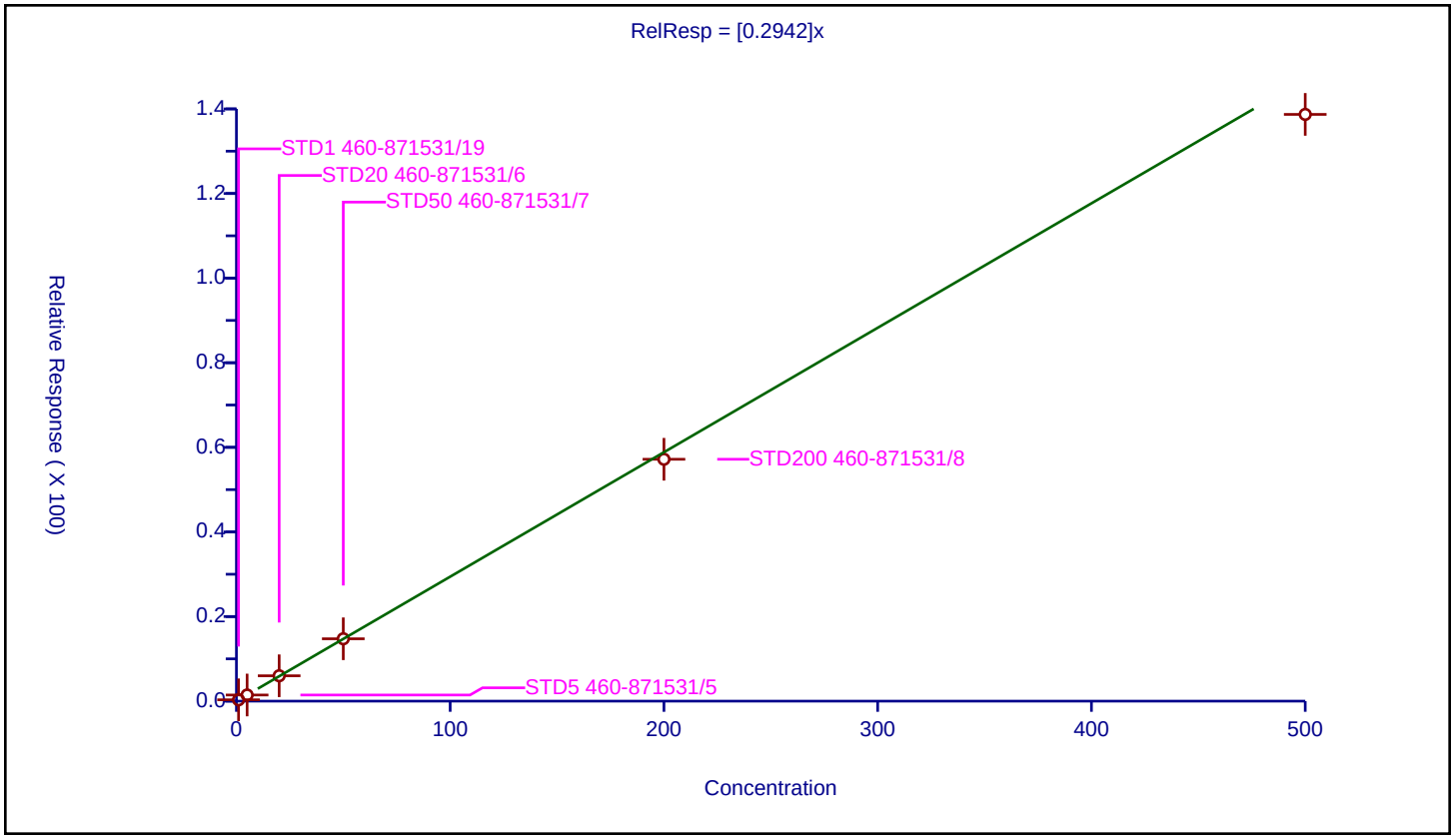
Curve Coefficients

Intercept:	0
Slope:	0.2942

Error Coefficients

Standard Error:	1090000
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	STD1 460-871531/19	1.0	0.316639	50.0	643794.0	0.316639	Y
2	STD5 460-871531/5	5.0	1.452295	50.0	665636.0	0.290459	Y
3	STD20 460-871531/6	20.0	5.997261	50.0	701787.0	0.299863	Y
4	STD50 460-871531/7	50.0	14.742629	50.0	727801.0	0.294853	Y
5	STD200 460-871531/8	200.0	57.17654	50.0	779547.0	0.285883	Y
6	STD500 460-871531/9	500.0	138.69692	50.0	817379.0	0.277394	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

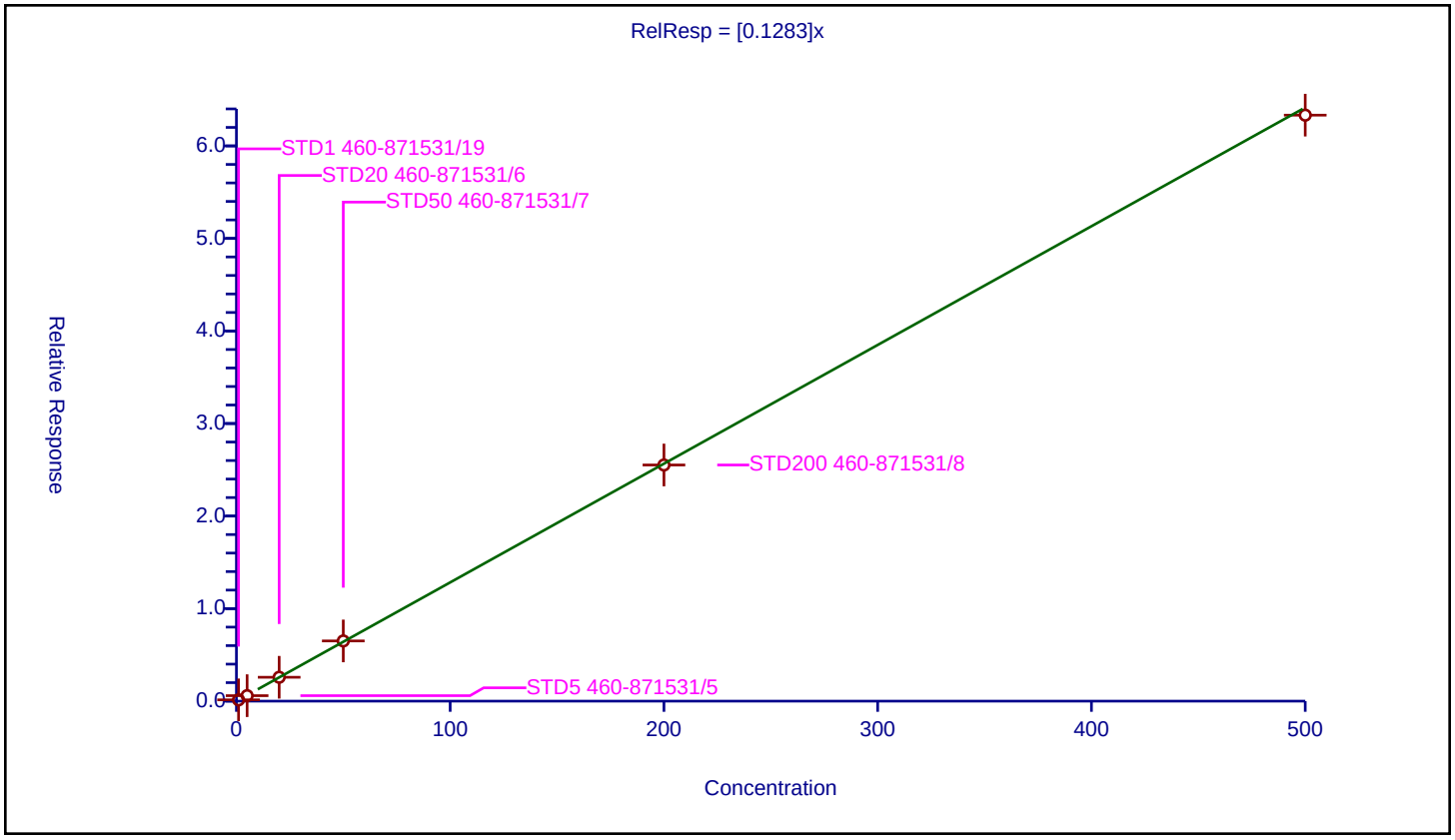
Curve Coefficients

Intercept:	0
Slope:	0.1283

Error Coefficients

Standard Error:	498000
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	STD1 460-871531/19	1.0	0.138165	50.0	643794.0	0.138165	Y
2	STD5 460-871531/5	5.0	0.591615	50.0	665636.0	0.118323	Y
3	STD20 460-871531/6	20.0	2.579201	50.0	701787.0	0.12896	Y
4	STD50 460-871531/7	50.0	6.505968	50.0	727801.0	0.130119	Y
5	STD200 460-871531/8	200.0	25.517705	50.0	779547.0	0.127589	Y
6	STD500 460-871531/9	500.0	63.323929	50.0	817379.0	0.126648	Y



Calibration / 1,4-Dioxane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

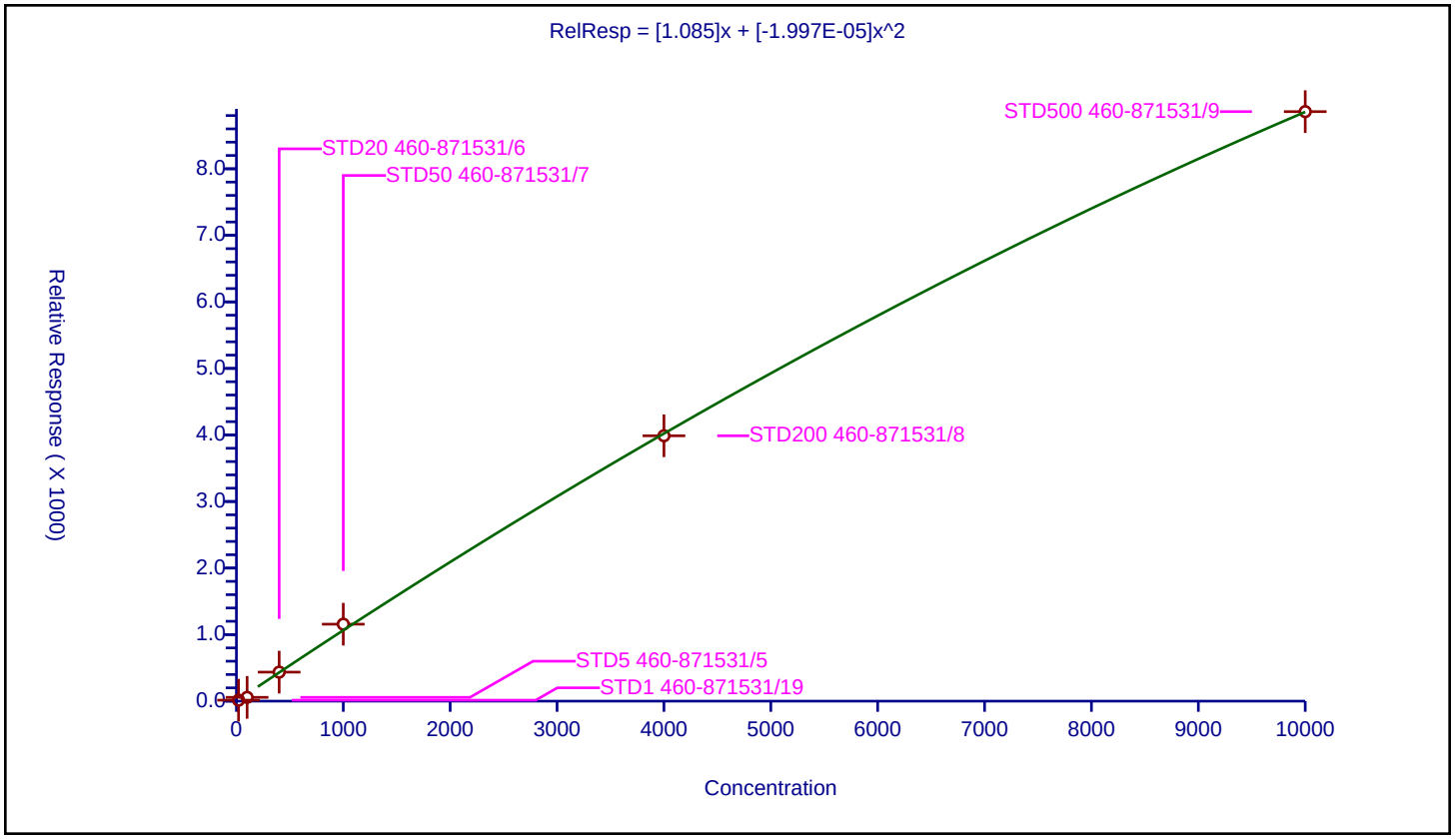
Curve Coefficients

Intercept:	0
Slope:	1.085
Second Order:	-1.997E-05

Error Coefficients

Standard Error:	213000
Relative Standard Error:	29.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	20.0	14.487569	1000.0	27955.0	0.724378	Y
2	STD5 460-871531/5	100.0	56.933142	1000.0	31335.0	0.569331	Y
3	STD20 460-871531/6	400.0	435.897436	1000.0	31980.0	1.089744	Y
4	STD50 460-871531/7	1000.0	1156.573599	1000.0	33703.0	1.156574	Y
5	STD200 460-871531/8	4000.0	3988.001008	1000.0	39670.0	0.997	Y
6	STD500 460-871531/9	10000.0	8858.711855	1000.0	45616.0	0.885871	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

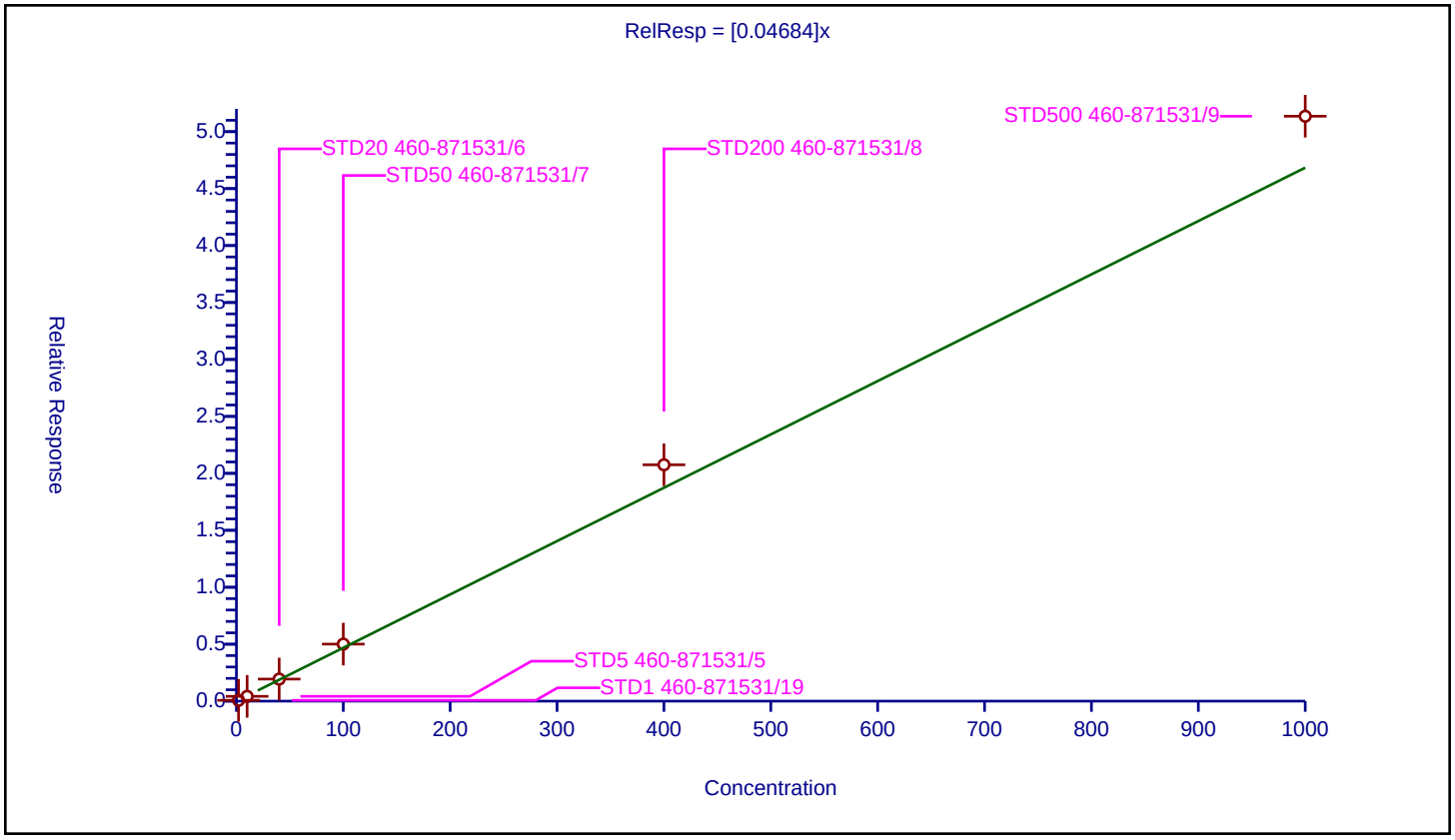
Curve Coefficients

Intercept:	0
Slope:	0.04684

Error Coefficients

Standard Error:	404000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	2.0	0.074325	50.0	643794.0	0.037163	Y
2	STD5 460-871531/5	10.0	0.421176	50.0	665636.0	0.042118	Y
3	STD20 460-871531/6	40.0	1.937482	50.0	701787.0	0.048437	Y
4	STD50 460-871531/7	100.0	5.007138	50.0	727801.0	0.050071	Y
5	STD200 460-871531/8	400.0	20.751411	50.0	779547.0	0.051879	Y
6	STD500 460-871531/9	1000.0	51.356959	50.0	817379.0	0.051357	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

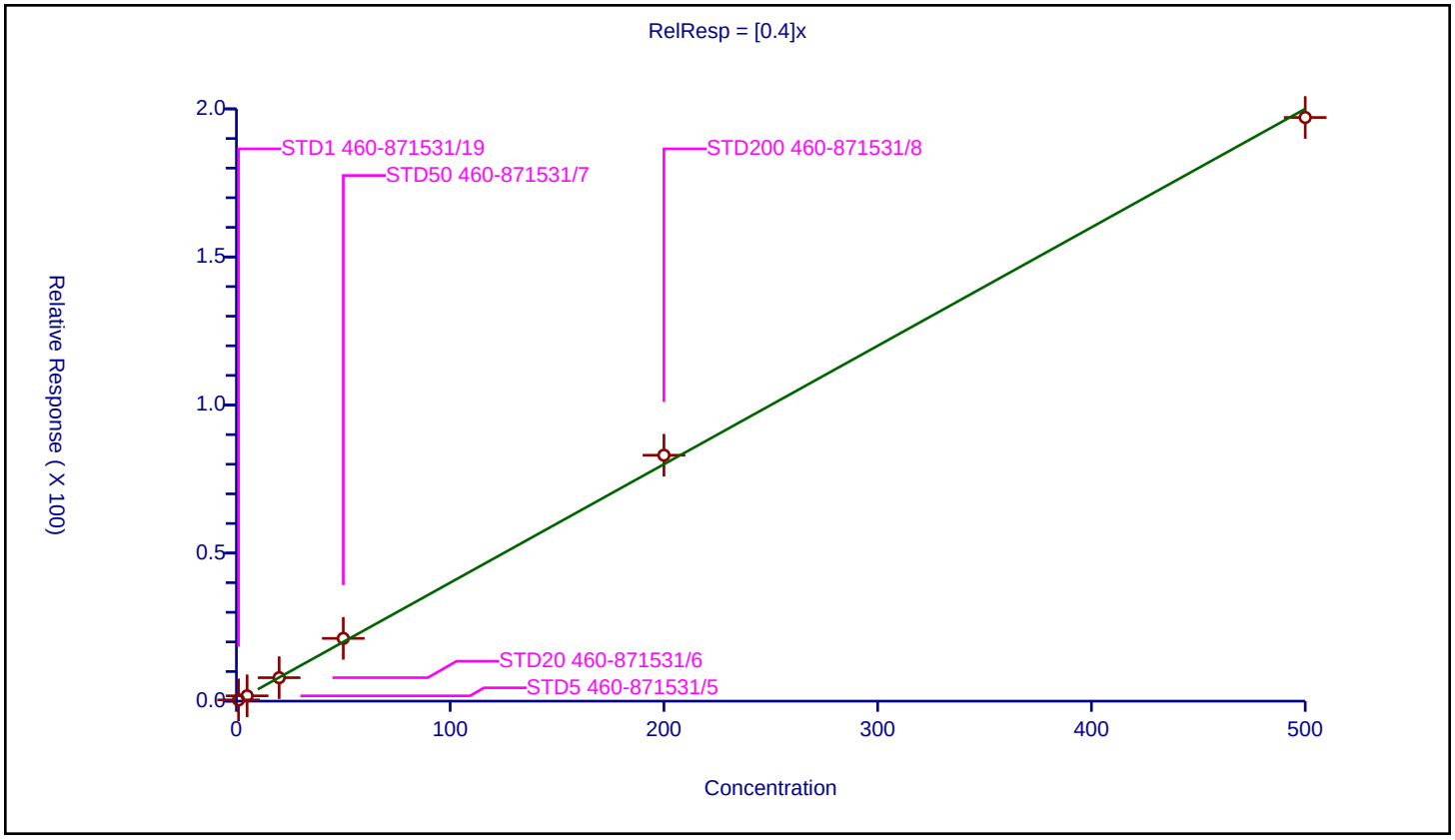
Curve Coefficients

Intercept:	0
Slope:	0.4

Error Coefficients

Standard Error:	1560000
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	STD1 460-871531/19	1.0	0.411156	50.0	643794.0	0.411156	Y
2	STD5 460-871531/5	5.0	1.797754	50.0	665636.0	0.359551	Y
3	STD20 460-871531/6	20.0	7.919141	50.0	701787.0	0.395957	Y
4	STD50 460-871531/7	50.0	21.192881	50.0	727801.0	0.423858	Y
5	STD200 460-871531/8	200.0	83.049964	50.0	779547.0	0.41525	Y
6	STD500 460-871531/9	500.0	197.093821	50.0	817379.0	0.394188	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

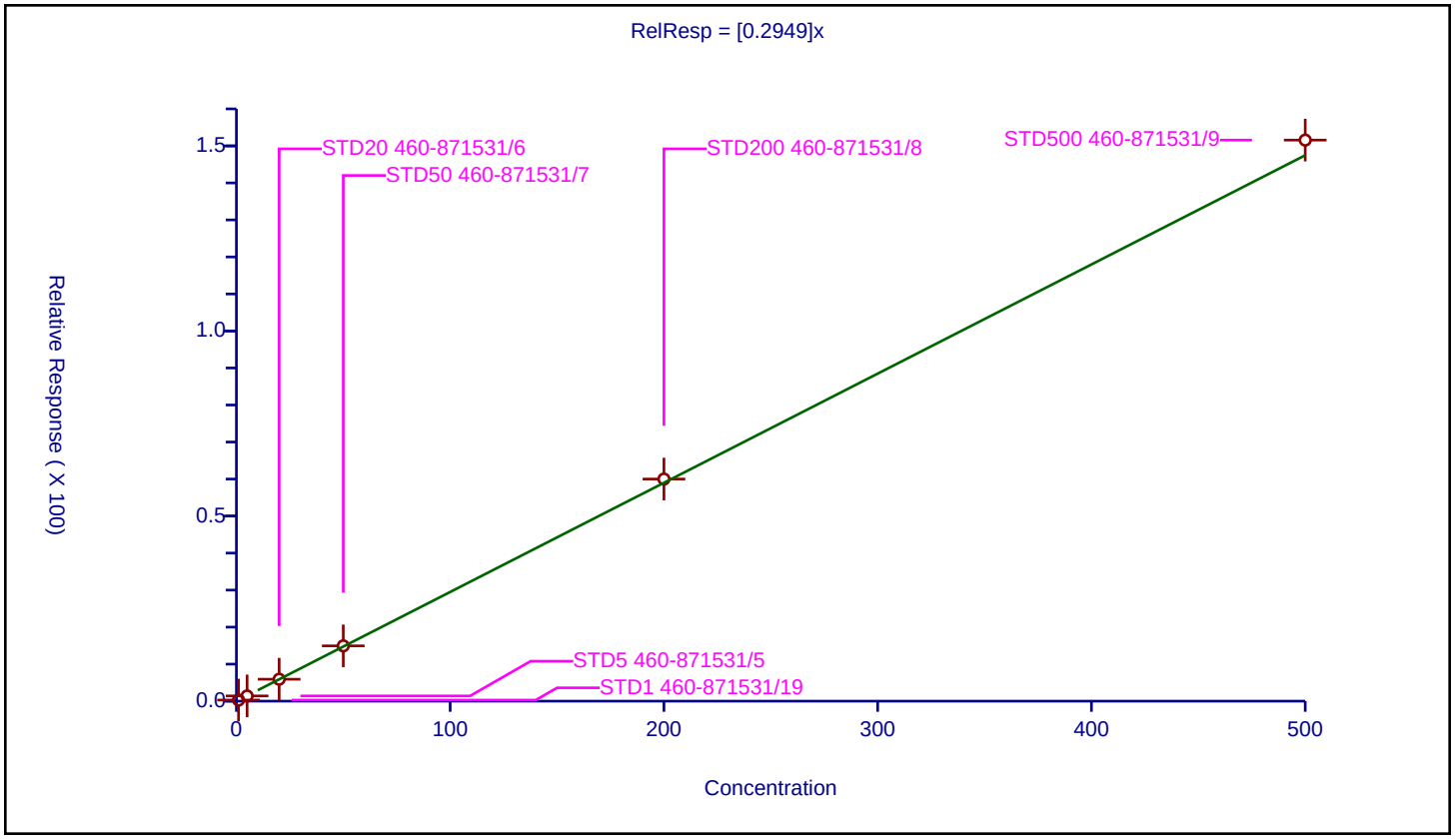
Curve Coefficients

Intercept:	0
Slope:	0.2949

Error Coefficients

Standard Error:	1190000
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	STD1 460-871531/19	1.0	0.290621	50.0	643794.0	0.290621	Y
2	STD5 460-871531/5	5.0	1.405723	50.0	665636.0	0.281145	Y
3	STD20 460-871531/6	20.0	5.920315	50.0	701787.0	0.296016	Y
4	STD50 460-871531/7	50.0	14.934027	50.0	727801.0	0.298681	Y
5	STD200 460-871531/8	200.0	59.998307	50.0	779547.0	0.299992	Y
6	STD500 460-871531/9	500.0	151.564207	50.0	817379.0	0.303128	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

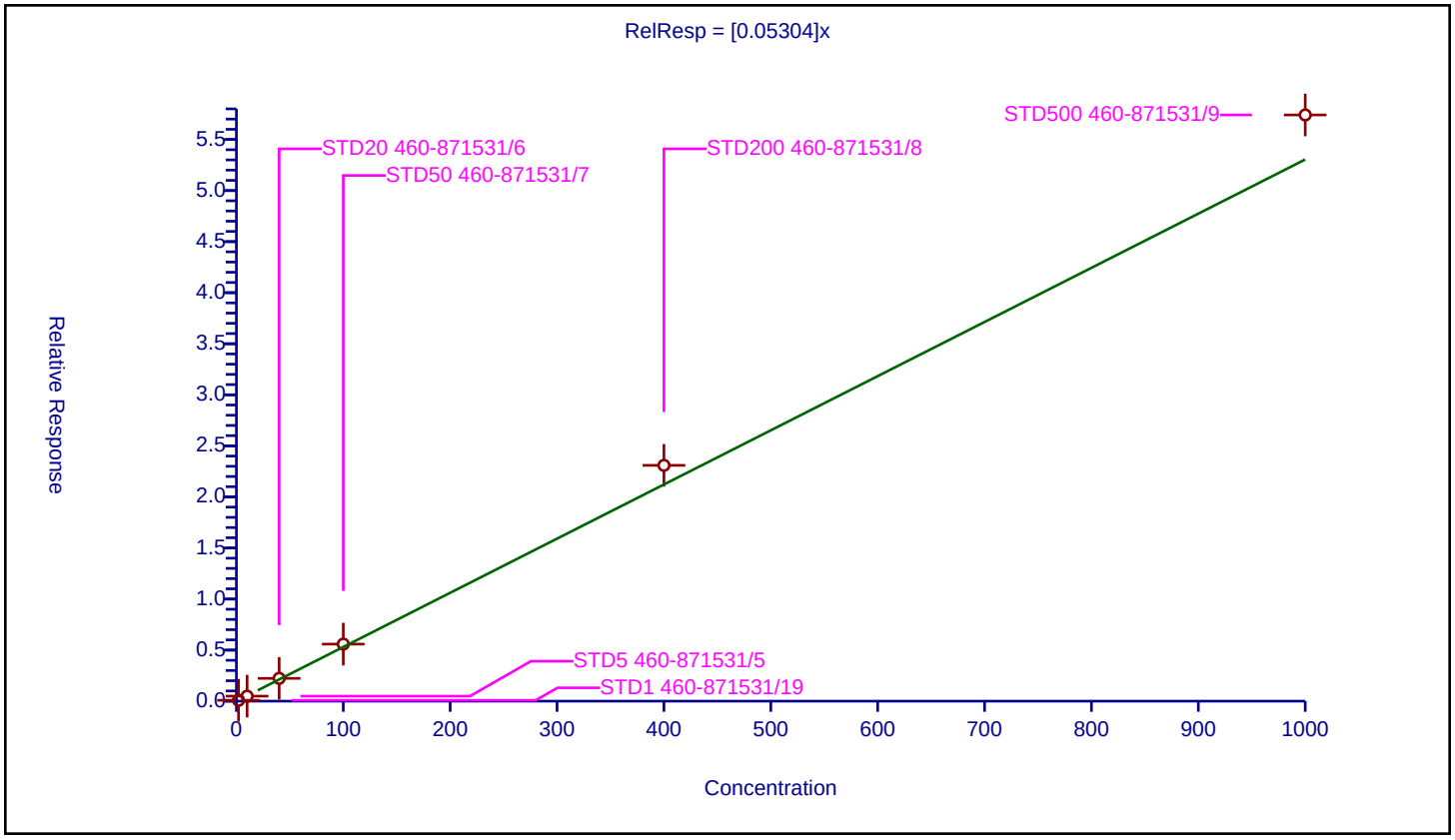
Curve Coefficients

Intercept:	0
Slope:	0.05304

Error Coefficients

Standard Error:	451000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	2.0	0.084499	50.0	643794.0	0.04225	Y
2	STD5 460-871531/5	10.0	0.492161	50.0	665636.0	0.049216	Y
3	STD20 460-871531/6	40.0	2.231874	50.0	701787.0	0.055797	Y
4	STD50 460-871531/7	100.0	5.585593	50.0	727801.0	0.055856	Y
5	STD200 460-871531/8	400.0	23.093669	50.0	779547.0	0.057734	Y
6	STD500 460-871531/9	1000.0	57.404888	50.0	817379.0	0.057405	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

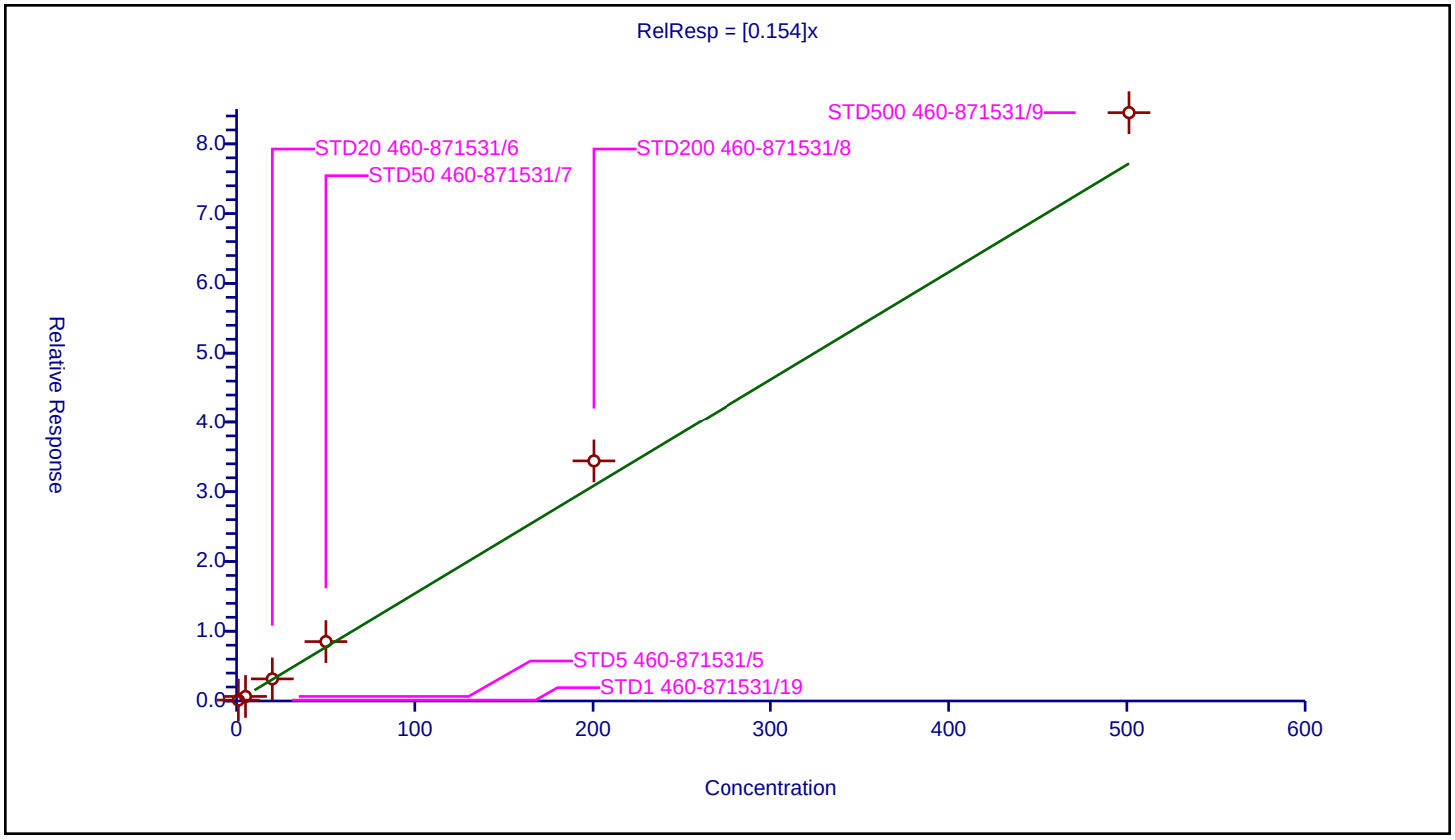
Curve Coefficients

Intercept:	0
Slope:	0.154

Error Coefficients

Standard Error:	665000
Relative Standard Error:	13.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0024	0.126593	50.0	643794.0	0.12629	Y
2	STD5 460-871531/5	5.012	0.649905	50.0	665636.0	0.12967	Y
3	STD20 460-871531/6	20.048	3.166203	50.0	701787.0	0.157931	Y
4	STD50 460-871531/7	50.12	8.514896	50.0	727801.0	0.16989	Y
5	STD200 460-871531/8	200.48	34.416334	50.0	779547.0	0.17167	Y
6	STD500 460-871531/9	501.2	84.479415	50.0	817379.0	0.168554	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

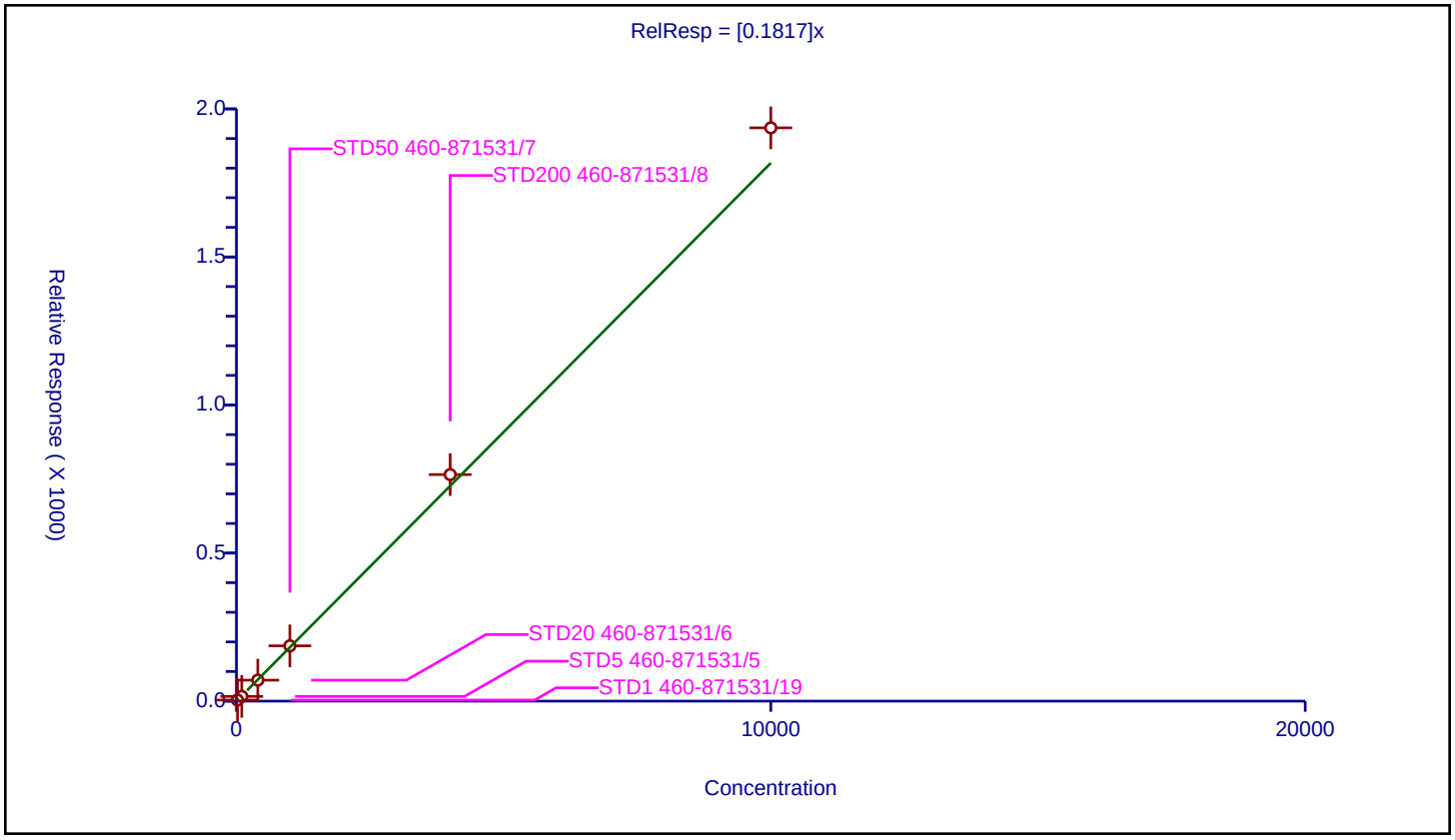
Curve Coefficients

Intercept:	0
Slope:	0.1817

Error Coefficients

Standard Error:	2120000
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	STD1 460-871531/19	20.000035	3.617476	250.0	464274.0	0.180873	Y
2	STD5 460-871531/5	100.000173	16.071148	250.0	495702.0	0.160711	Y
3	STD20 460-871531/6	400.000692	70.845618	250.0	525710.0	0.177114	Y
4	STD50 460-871531/7	1000.00173	186.777328	250.0	543729.0	0.186777	Y
5	STD200 460-871531/8	4000.00692	765.085224	250.0	563631.0	0.191271	Y
6	STD500 460-871531/9	10000.0173	1936.043422	250.0	568370.0	0.193604	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

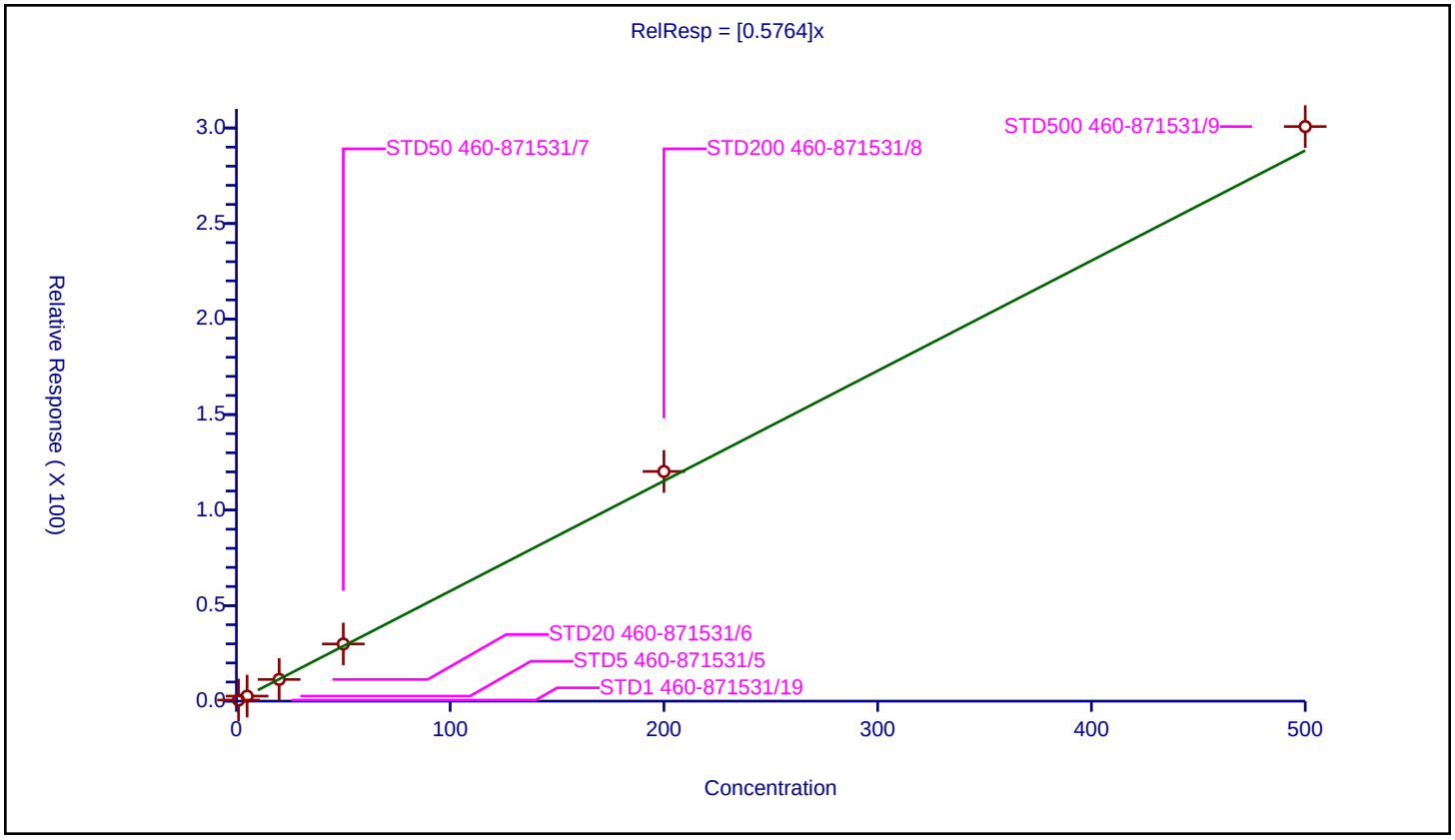
Curve Coefficients

Intercept:	0
Slope:	0.5764

Error Coefficients

Standard Error:	1580000
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	STD1 460-871531/19	1.0	0.560165	50.0	422465.0	0.560165	Y
2	STD5 460-871531/5	5.0	2.647382	50.0	428121.0	0.529476	Y
3	STD20 460-871531/6	20.0	11.35463	50.0	460266.0	0.567731	Y
4	STD50 460-871531/7	50.0	29.918942	50.0	478919.0	0.598379	Y
5	STD200 460-871531/8	200.0	120.220822	50.0	519650.0	0.601104	Y
6	STD500 460-871531/9	500.0	300.754555	50.0	548005.0	0.601509	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

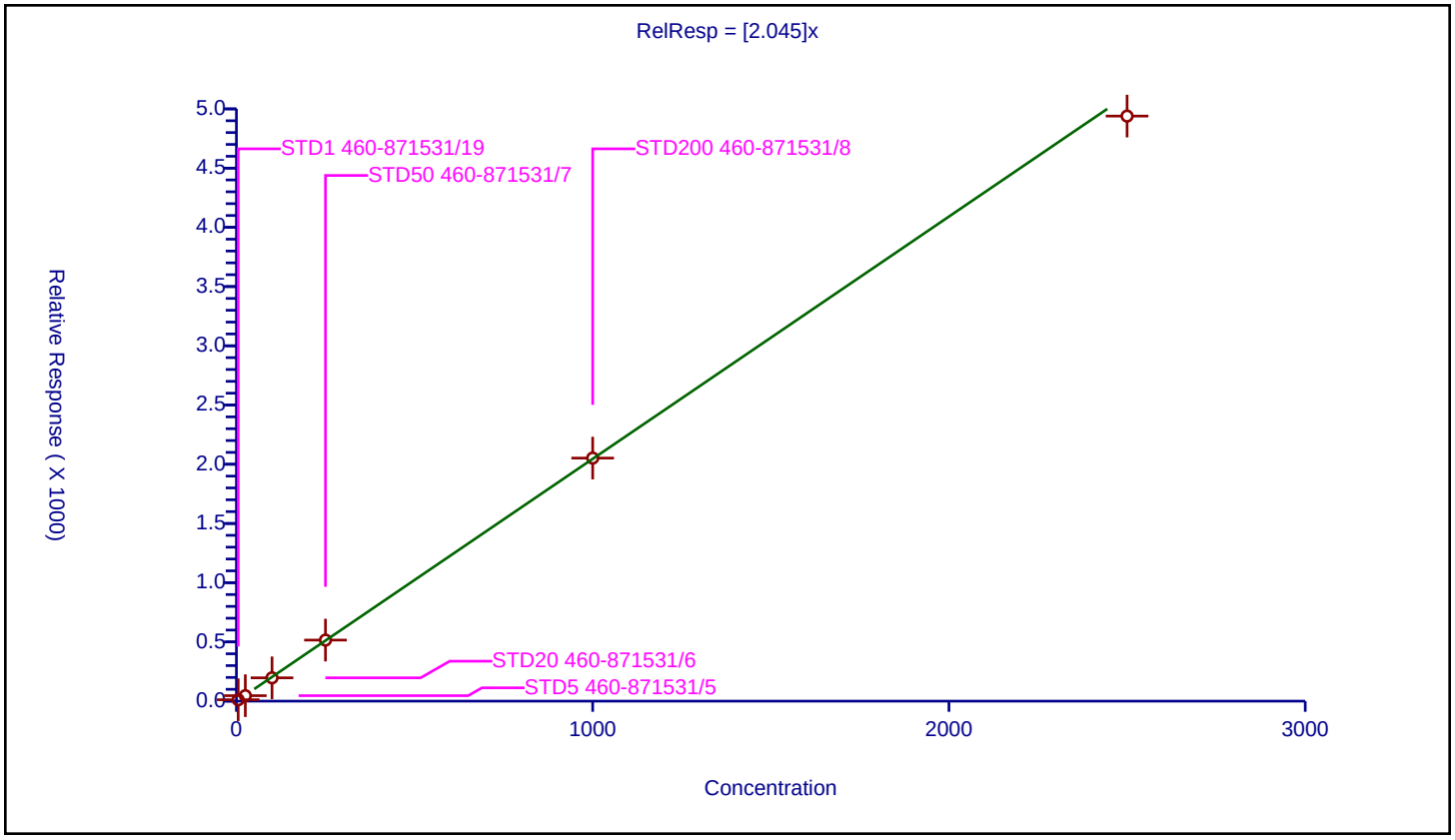
Curve Coefficients

Intercept:	0
Slope:	2.045

Error Coefficients

Standard Error:	5460000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	5.0	11.841068	250.0	464274.0	2.368214	Y
2	STD5 460-871531/5	25.0	46.180972	250.0	495702.0	1.847239	Y
3	STD20 460-871531/6	100.0	196.776264	250.0	525710.0	1.967763	Y
4	STD50 460-871531/7	250.0	515.427262	250.0	543729.0	2.061709	Y
5	STD200 460-871531/8	1000.0	2051.951099	250.0	563631.0	2.051951	Y
6	STD500 460-871531/9	2500.0	4939.216531	250.0	568370.0	1.975687	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

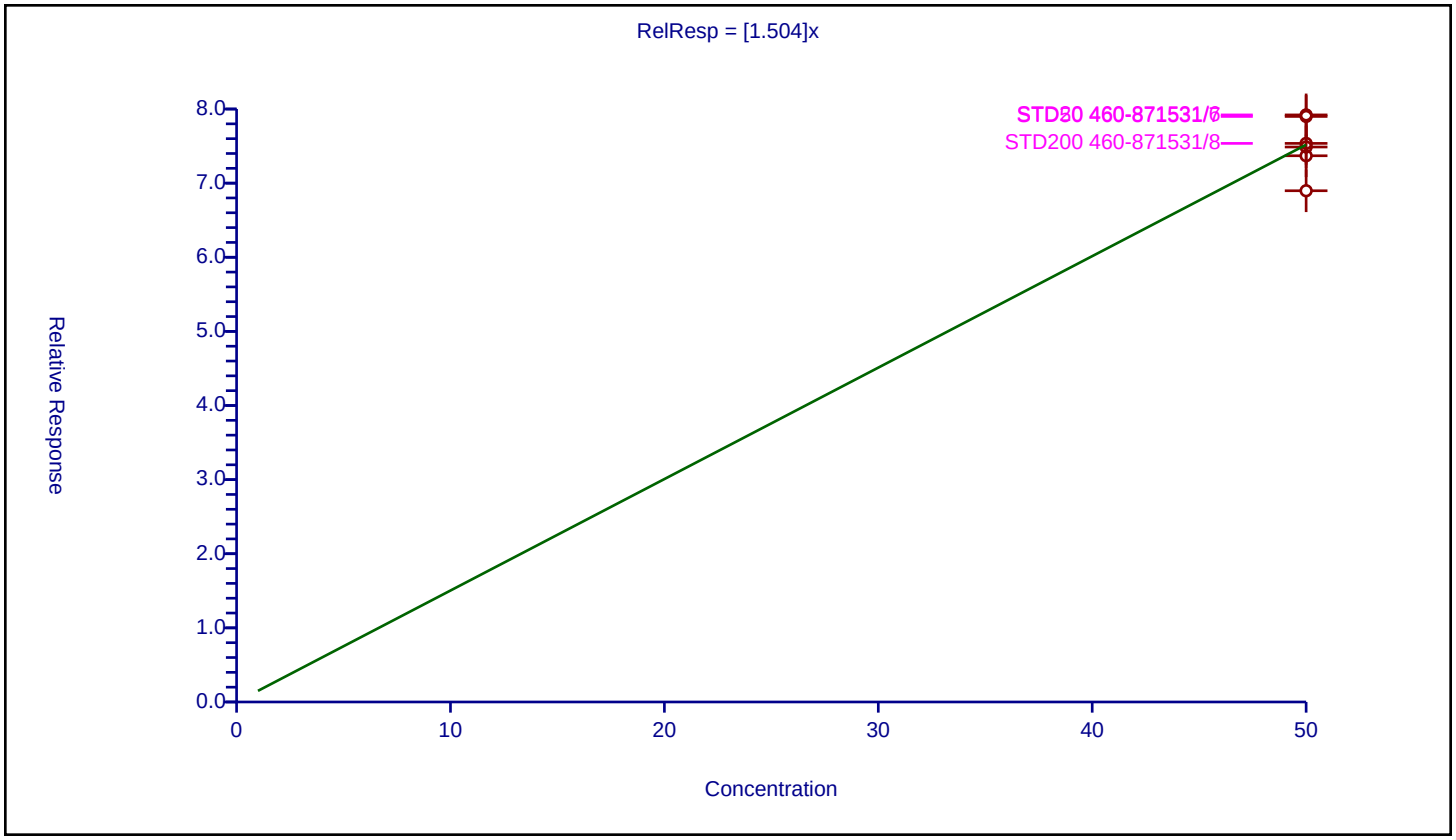
Curve Coefficients

Intercept:	0
Slope:	1.504

Error Coefficients

Standard Error:	786000
Relative Standard Error:	5.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-871531/5	50.0	73.693652	50.0	428121.0	1.473873	Y
2	STD20 460-871531/6	50.0	79.203873	50.0	460266.0	1.584077	Y
3	STD50 460-871531/7	50.0	78.997388	50.0	478919.0	1.579948	Y
4	STD200 460-871531/8	50.0	75.360916	50.0	519650.0	1.507218	Y
5	STD500 460-871531/9	50.0	68.973732	50.0	548005.0	1.379475	Y
6	STD1 460-871531/19	50.0	74.872593	50.0	422465.0	1.497452	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

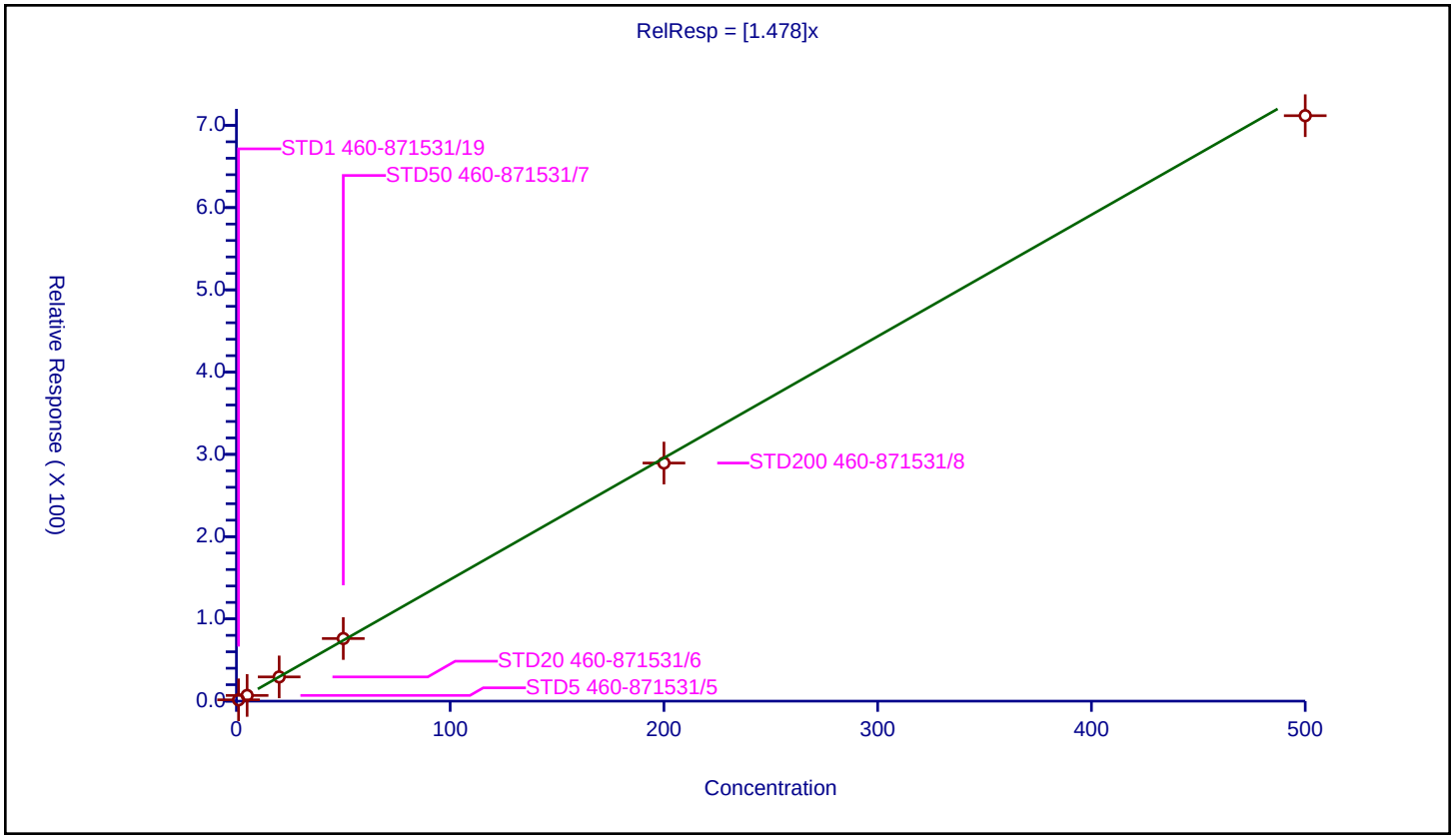
Curve Coefficients

Intercept:	0
Slope:	1.478

Error Coefficients

Standard Error:	3750000
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	STD1 460-871531/19	1.0	1.611613	50.0	422465.0	1.611613	Y
2	STD5 460-871531/5	5.0	6.955861	50.0	428121.0	1.391172	Y
3	STD20 460-871531/6	20.0	29.461659	50.0	460266.0	1.473083	Y
4	STD50 460-871531/7	50.0	76.099925	50.0	478919.0	1.521999	Y
5	STD200 460-871531/8	200.0	289.469354	50.0	519650.0	1.447347	Y
6	STD500 460-871531/9	500.0	711.748342	50.0	548005.0	1.423497	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

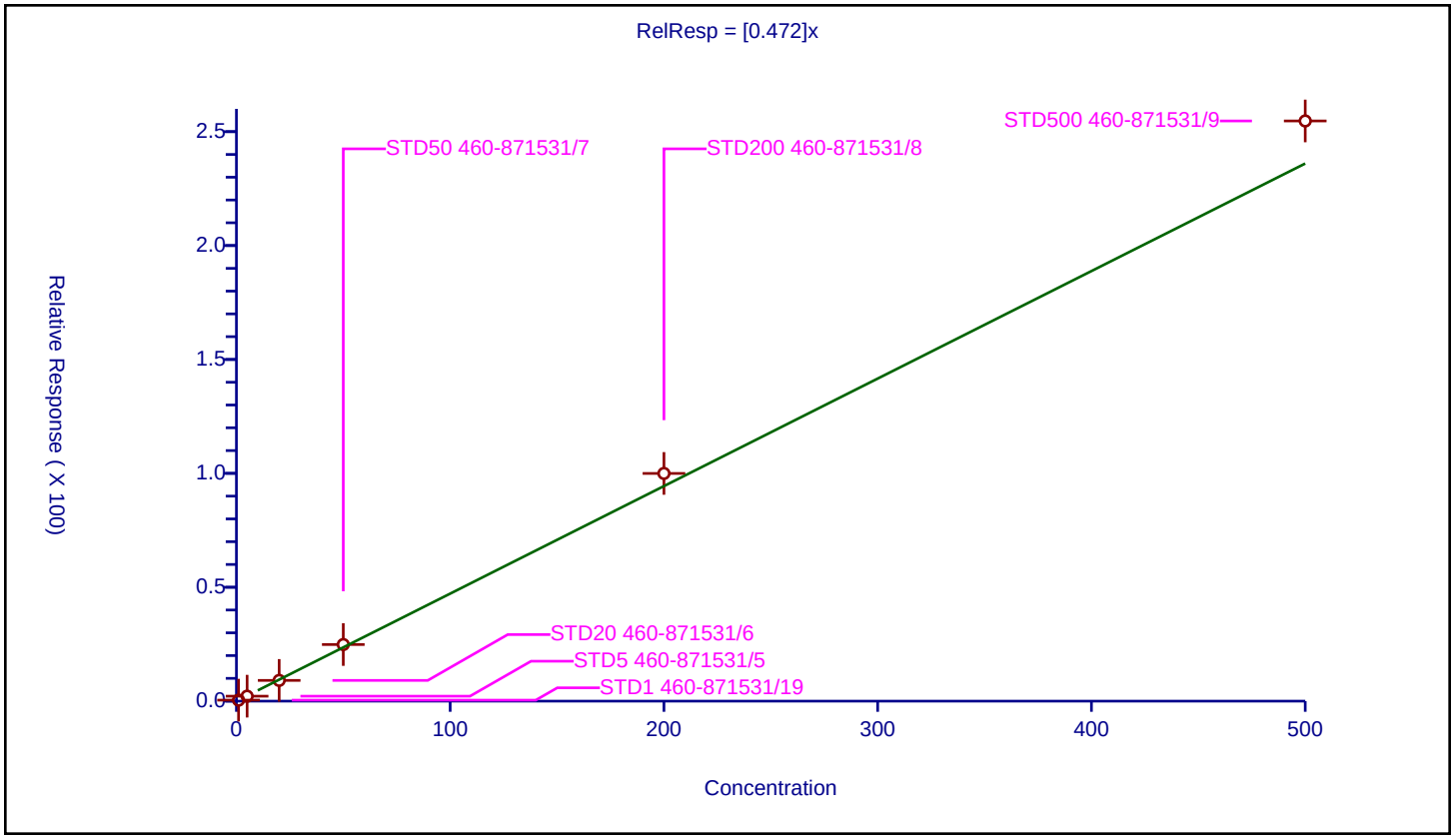
Curve Coefficients

Intercept:	0
Slope:	0.472

Error Coefficients

Standard Error:	1340000
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	STD1 460-871531/19	1.0	0.434829	50.0	422465.0	0.434829	Y
2	STD5 460-871531/5	5.0	2.180692	50.0	428121.0	0.436138	Y
3	STD20 460-871531/6	20.0	9.099303	50.0	460266.0	0.454965	Y
4	STD50 460-871531/7	50.0	24.848878	50.0	478919.0	0.496978	Y
5	STD200 460-871531/8	200.0	99.963244	50.0	519650.0	0.499816	Y
6	STD500 460-871531/9	500.0	254.703059	50.0	548005.0	0.509406	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

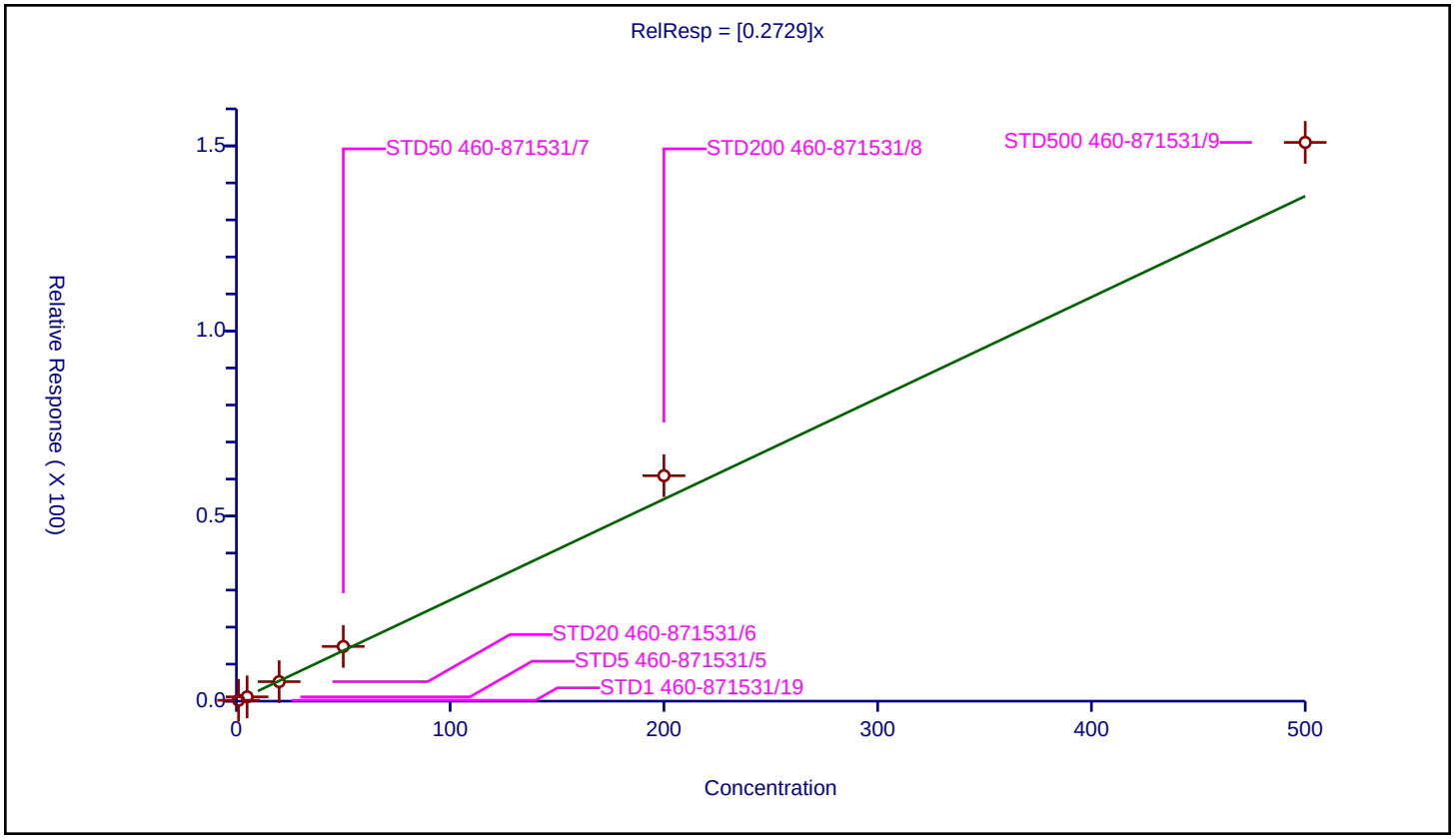
Curve Coefficients

Intercept:	0
Slope:	0.2729

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	11.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.239207	50.0	643794.0	0.239207	Y
2	STD5 460-871531/5	5.0	1.164375	50.0	665636.0	0.232875	Y
3	STD20 460-871531/6	20.0	5.26399	50.0	701787.0	0.2632	Y
4	STD50 460-871531/7	50.0	14.774712	50.0	727801.0	0.295494	Y
5	STD200 460-871531/8	200.0	60.90441	50.0	779547.0	0.304522	Y
6	STD500 460-871531/9	500.0	150.946562	50.0	817379.0	0.301893	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

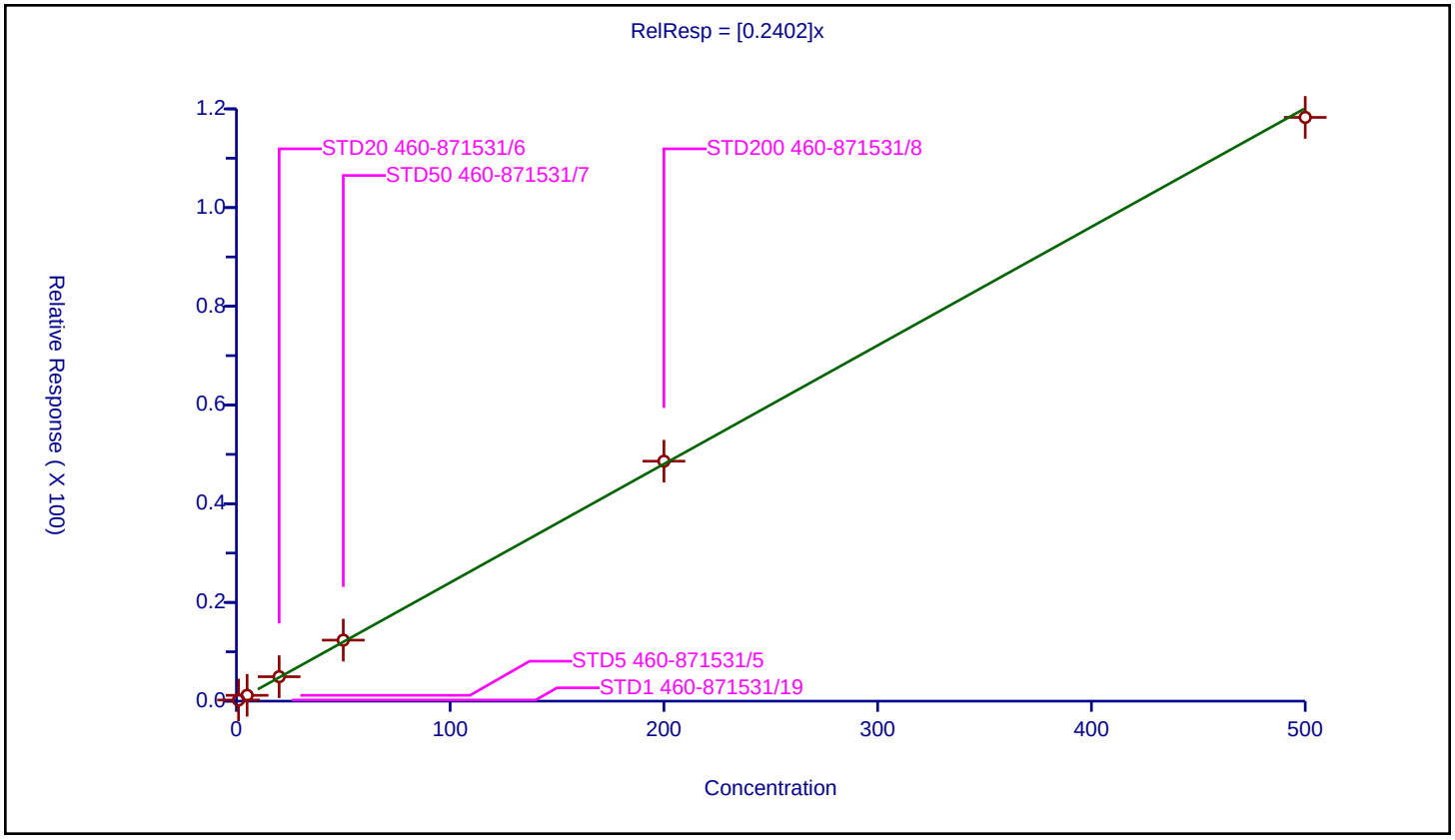
Curve Coefficients

Intercept:	0
Slope:	0.2402

Error Coefficients

Standard Error:	625000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.230907	50.0	422465.0	0.230907	Y
2	STD5 460-871531/5	5.0	1.180741	50.0	428121.0	0.236148	Y
3	STD20 460-871531/6	20.0	4.950724	50.0	460266.0	0.247536	Y
4	STD50 460-871531/7	50.0	12.360023	50.0	478919.0	0.2472	Y
5	STD200 460-871531/8	200.0	48.618108	50.0	519650.0	0.243091	Y
6	STD500 460-871531/9	500.0	118.279122	50.0	548005.0	0.236558	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

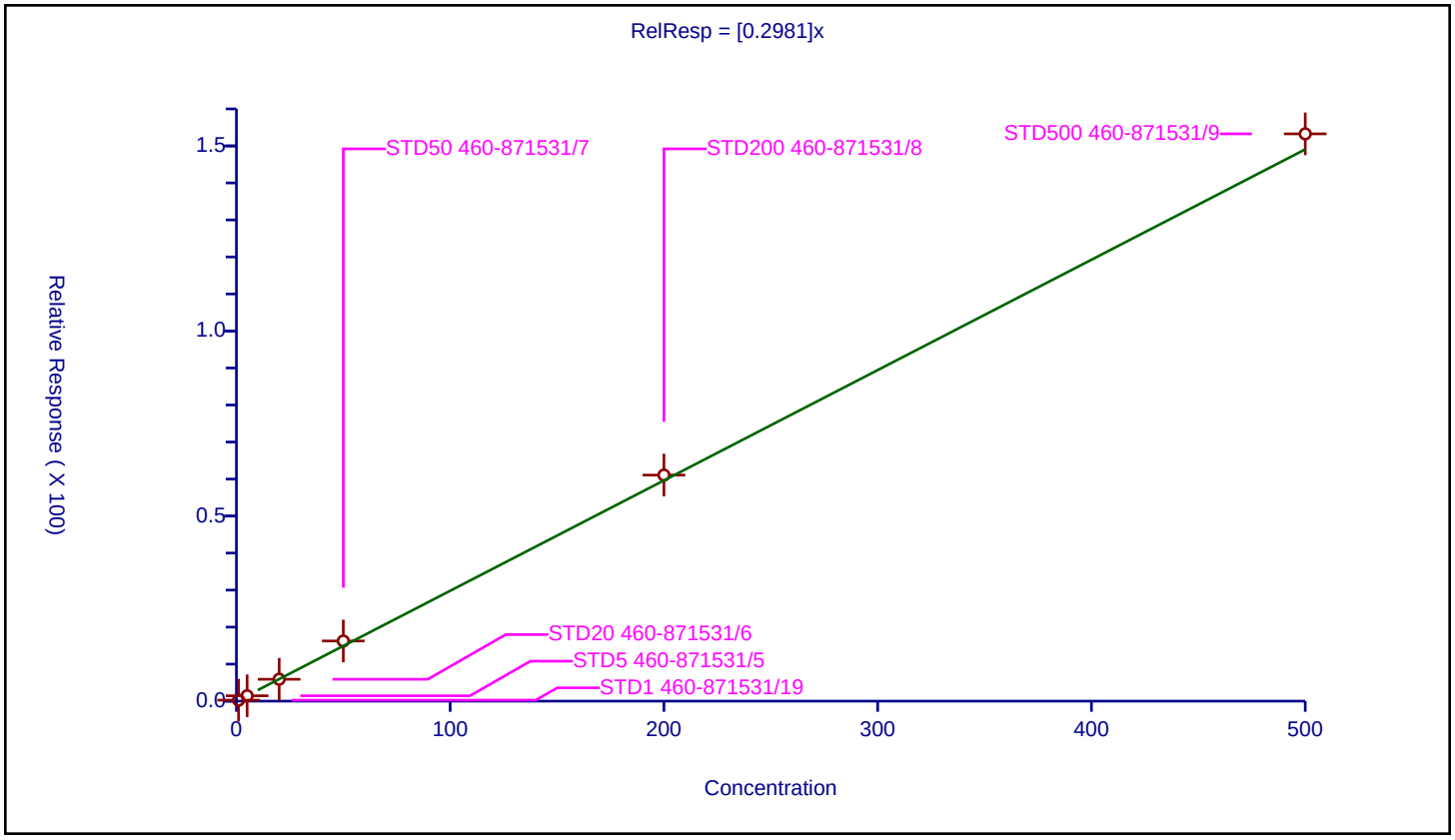
Curve Coefficients

Intercept:	0
Slope:	0.2981

Error Coefficients

Standard Error:	806000
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	STD1 460-871531/19	1.0	0.266413	50.0	422465.0	0.266413	Y
2	STD5 460-871531/5	5.0	1.448773	50.0	428121.0	0.289755	Y
3	STD20 460-871531/6	20.0	5.914515	50.0	460266.0	0.295726	Y
4	STD50 460-871531/7	50.0	16.247737	50.0	478919.0	0.324955	Y
5	STD200 460-871531/8	200.0	61.073703	50.0	519650.0	0.305369	Y
6	STD500 460-871531/9	500.0	153.258729	50.0	548005.0	0.306517	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

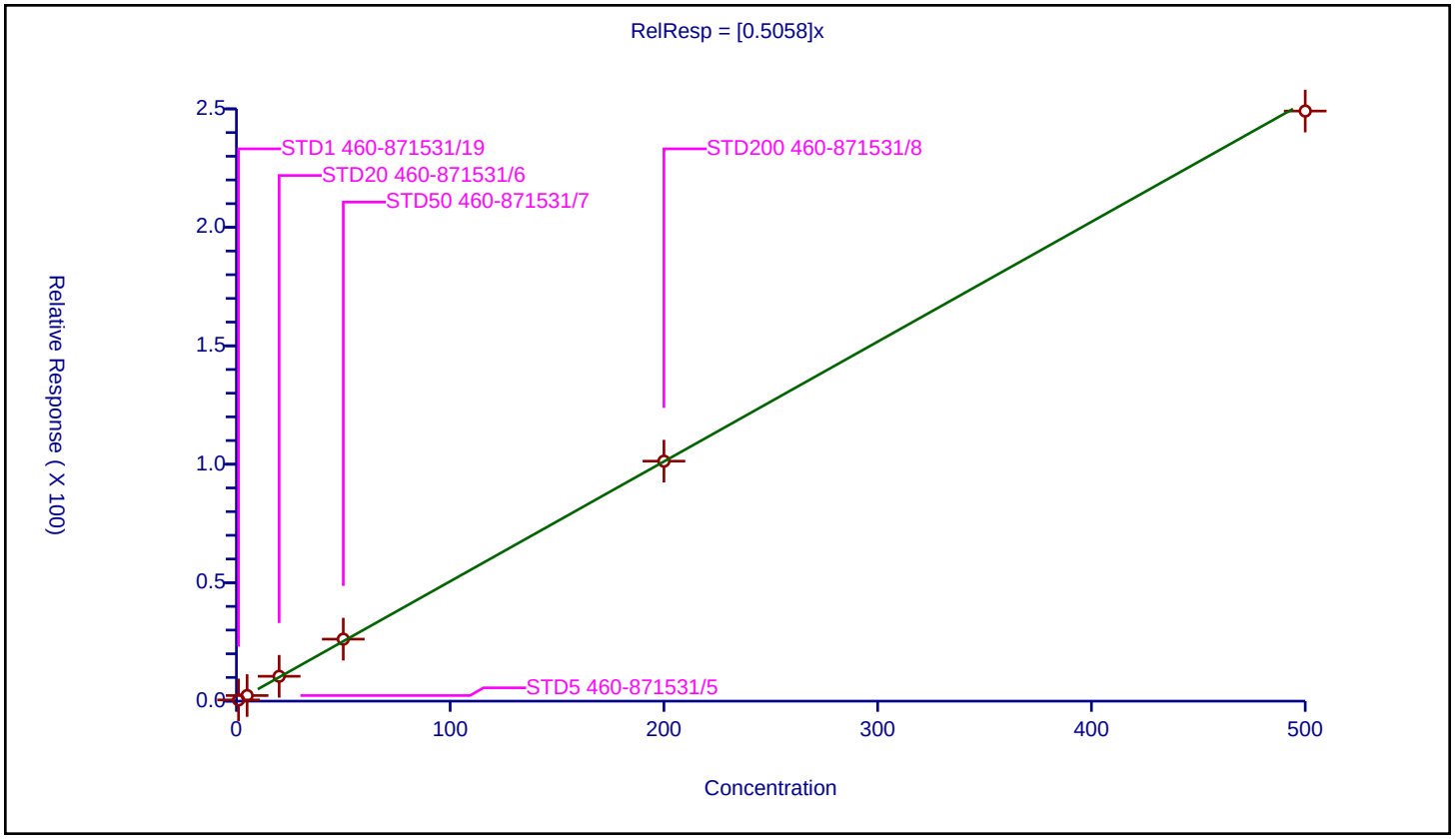
Curve Coefficients

Intercept:	0
Slope:	0.5058

Error Coefficients

Standard Error:	1310000
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	STD1 460-871531/19	1.0	0.509036	50.0	422465.0	0.509036	Y
2	STD5 460-871531/5	5.0	2.36627	50.0	428121.0	0.473254	Y
3	STD20 460-871531/6	20.0	10.490238	50.0	460266.0	0.524512	Y
4	STD50 460-871531/7	50.0	26.16622	50.0	478919.0	0.523324	Y
5	STD200 460-871531/8	200.0	101.297508	50.0	519650.0	0.506488	Y
6	STD500 460-871531/9	500.0	249.094534	50.0	548005.0	0.498189	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

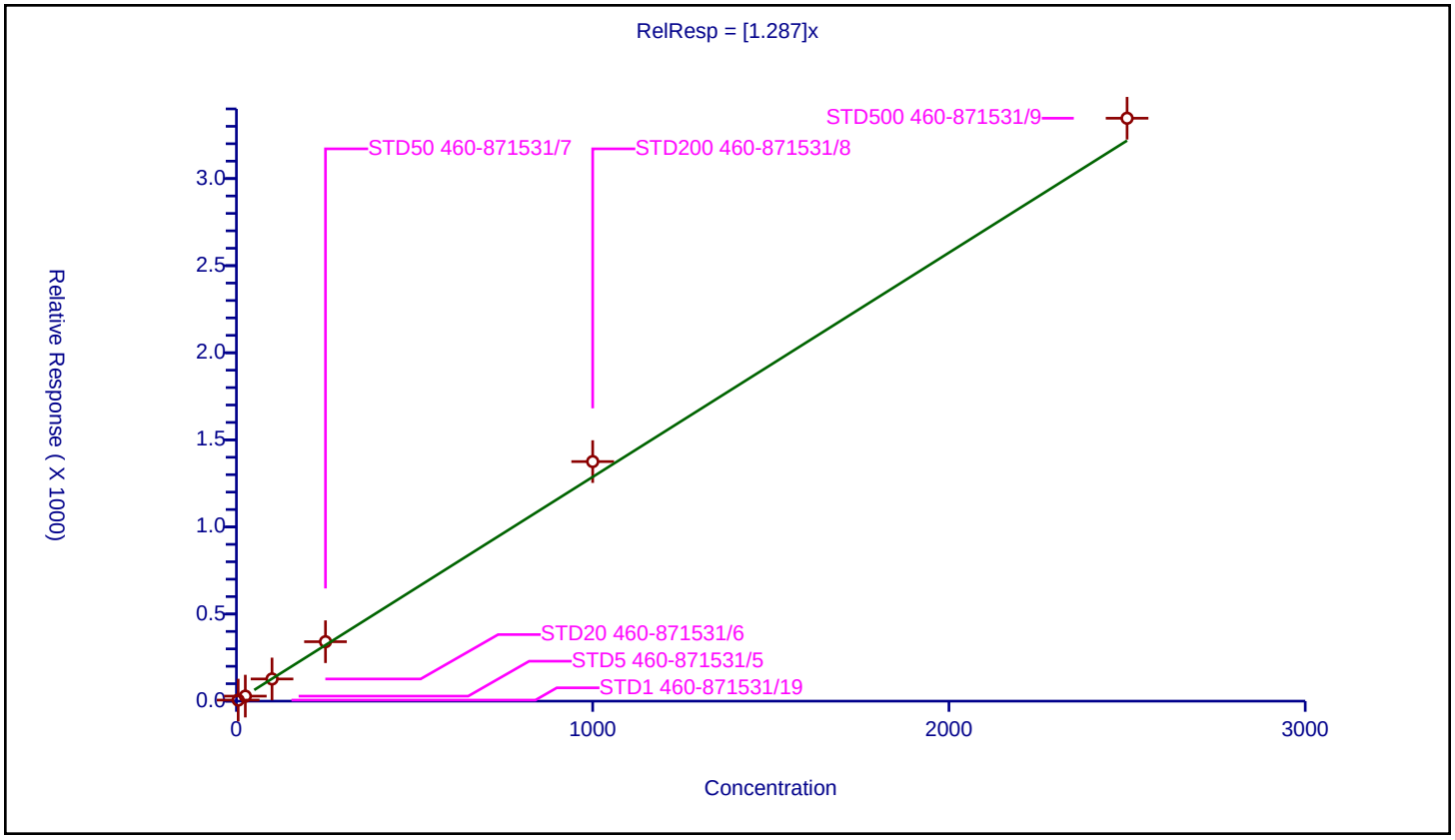
Curve Coefficients

Intercept:	0
Slope:	1.287

Error Coefficients

Standard Error:	3690000
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	STD1 460-871531/19	5.0	6.086923	250.0	464274.0	1.217385	Y
2	STD5 460-871531/5	25.0	28.870672	250.0	495702.0	1.154827	Y
3	STD20 460-871531/6	100.0	127.272165	250.0	525710.0	1.272722	Y
4	STD50 460-871531/7	250.0	341.156624	250.0	543729.0	1.364626	Y
5	STD200 460-871531/8	1000.0	1375.281878	250.0	563631.0	1.375282	Y
6	STD500 460-871531/9	2500.0	3346.308303	250.0	568370.0	1.338523	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

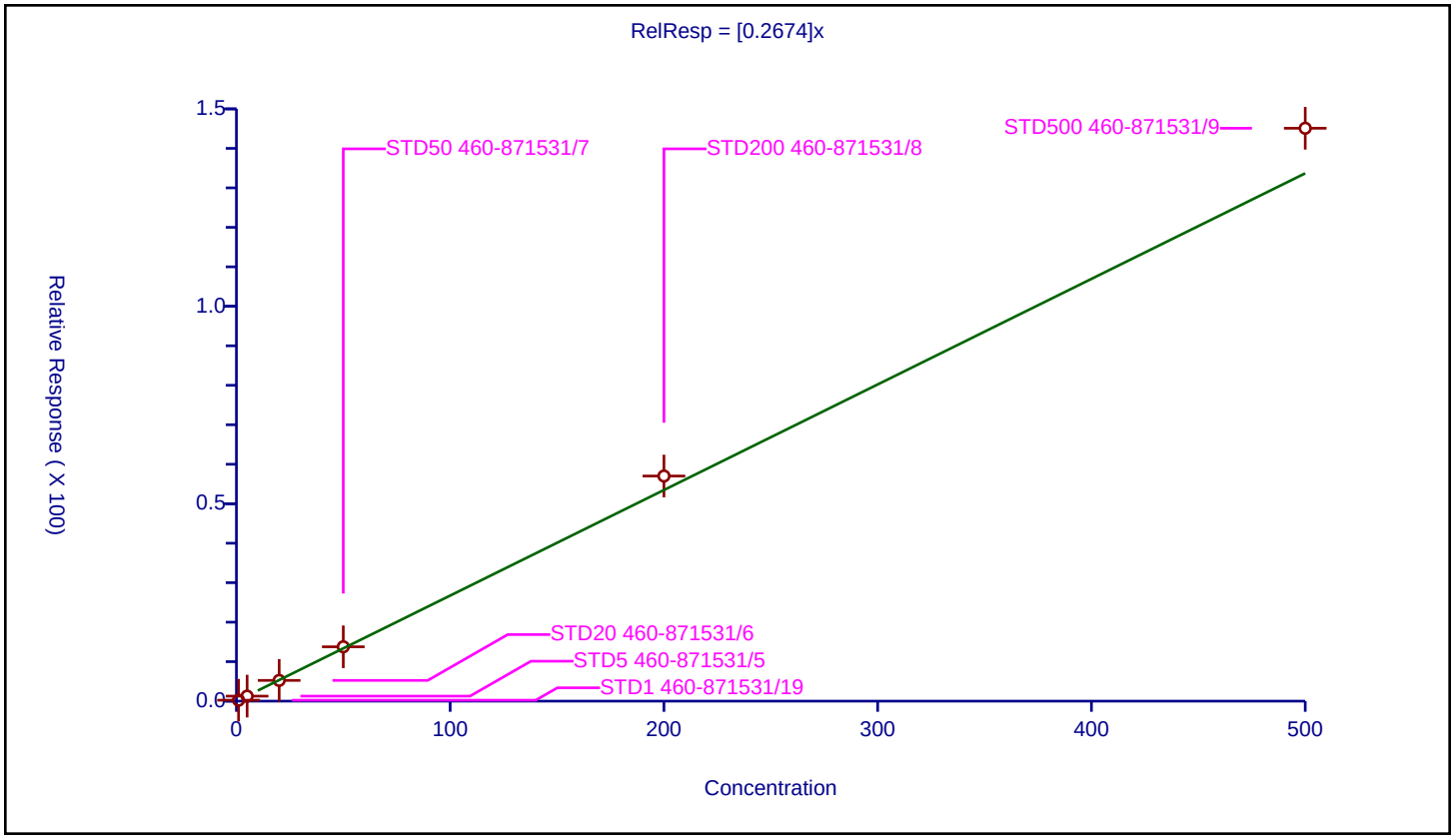
Curve Coefficients

Intercept:	0
Slope:	0.2674

Error Coefficients

Standard Error:	762000
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	STD1 460-871531/19	1.0	0.236943	50.0	422465.0	0.236943	Y
2	STD5 460-871531/5	5.0	1.269267	50.0	428121.0	0.253853	Y
3	STD20 460-871531/6	20.0	5.25457	50.0	460266.0	0.262729	Y
4	STD50 460-871531/7	50.0	13.767359	50.0	478919.0	0.275347	Y
5	STD200 460-871531/8	200.0	57.020879	50.0	519650.0	0.285104	Y
6	STD500 460-871531/9	500.0	145.097034	50.0	548005.0	0.290194	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

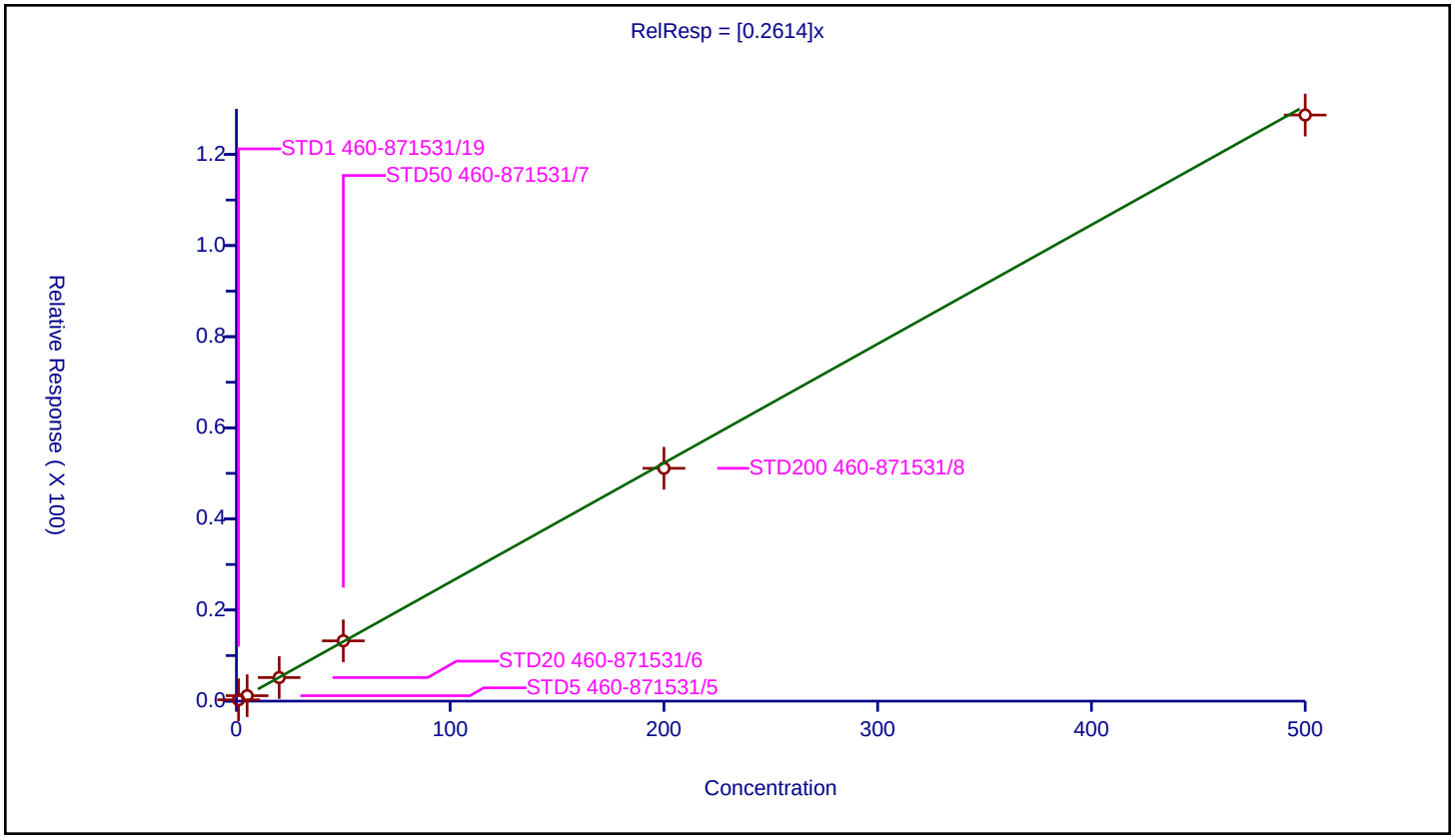
Curve Coefficients

Intercept:	0
Slope:	0.2614

Error Coefficients

Standard Error:	677000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.292569	50.0	422465.0	0.292569	Y
2	STD5 460-871531/5	5.0	1.19604	50.0	428121.0	0.239208	Y
3	STD20 460-871531/6	20.0	5.176463	50.0	460266.0	0.258823	Y
4	STD50 460-871531/7	50.0	13.233135	50.0	478919.0	0.264663	Y
5	STD200 460-871531/8	200.0	51.113634	50.0	519650.0	0.255568	Y
6	STD500 460-871531/9	500.0	128.657403	50.0	548005.0	0.257315	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

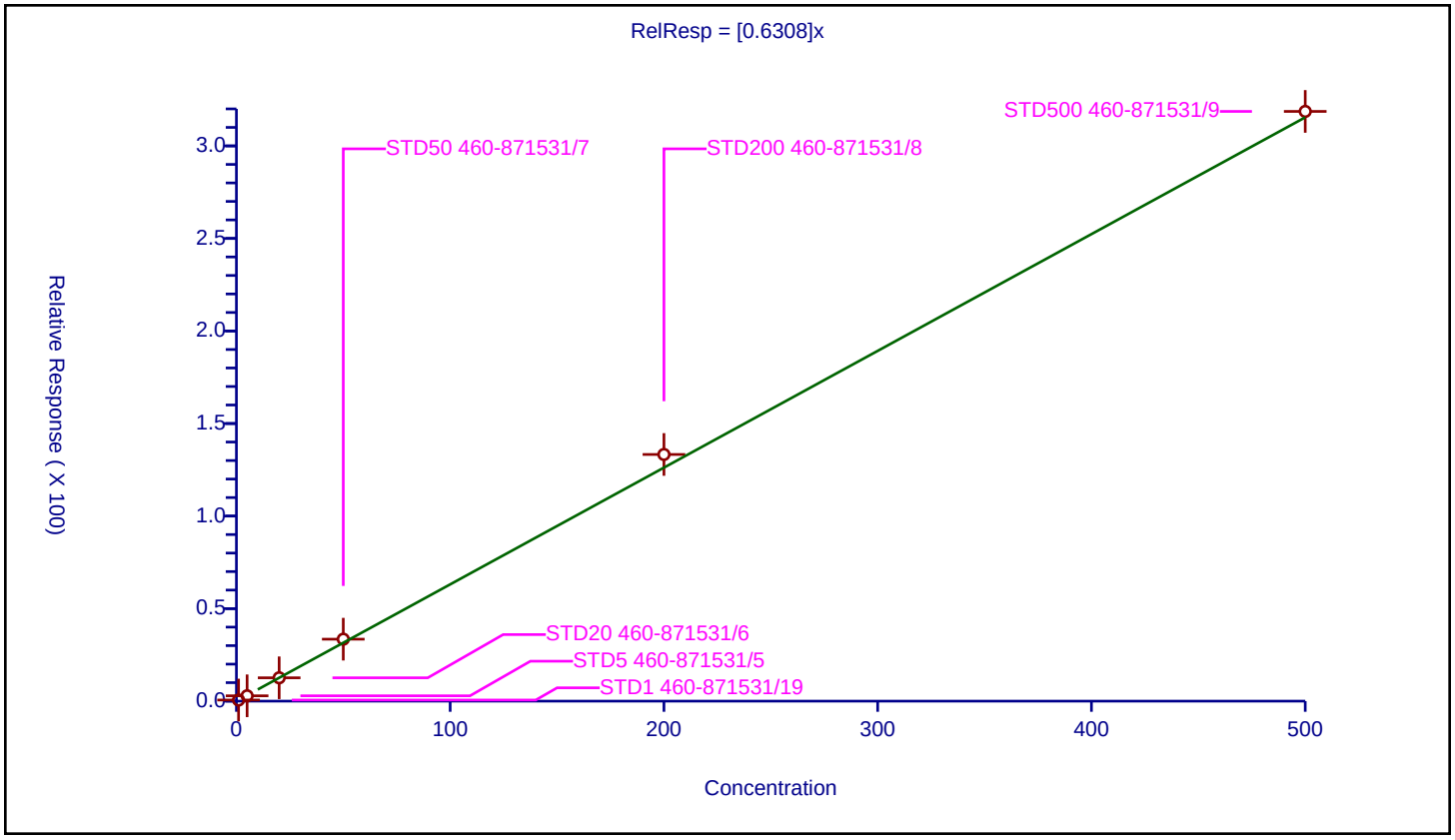
Curve Coefficients

Intercept:	0
Slope:	0.6308

Error Coefficients

Standard Error:	1690000
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	STD1 460-871531/19	1.0	0.603955	50.0	422465.0	0.603955	Y
2	STD5 460-871531/5	5.0	2.885866	50.0	428121.0	0.577173	Y
3	STD20 460-871531/6	20.0	12.614879	50.0	460266.0	0.630744	Y
4	STD50 460-871531/7	50.0	33.474972	50.0	478919.0	0.669499	Y
5	STD200 460-871531/8	200.0	133.282402	50.0	519650.0	0.666412	Y
6	STD500 460-871531/9	500.0	318.628206	50.0	548005.0	0.637256	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

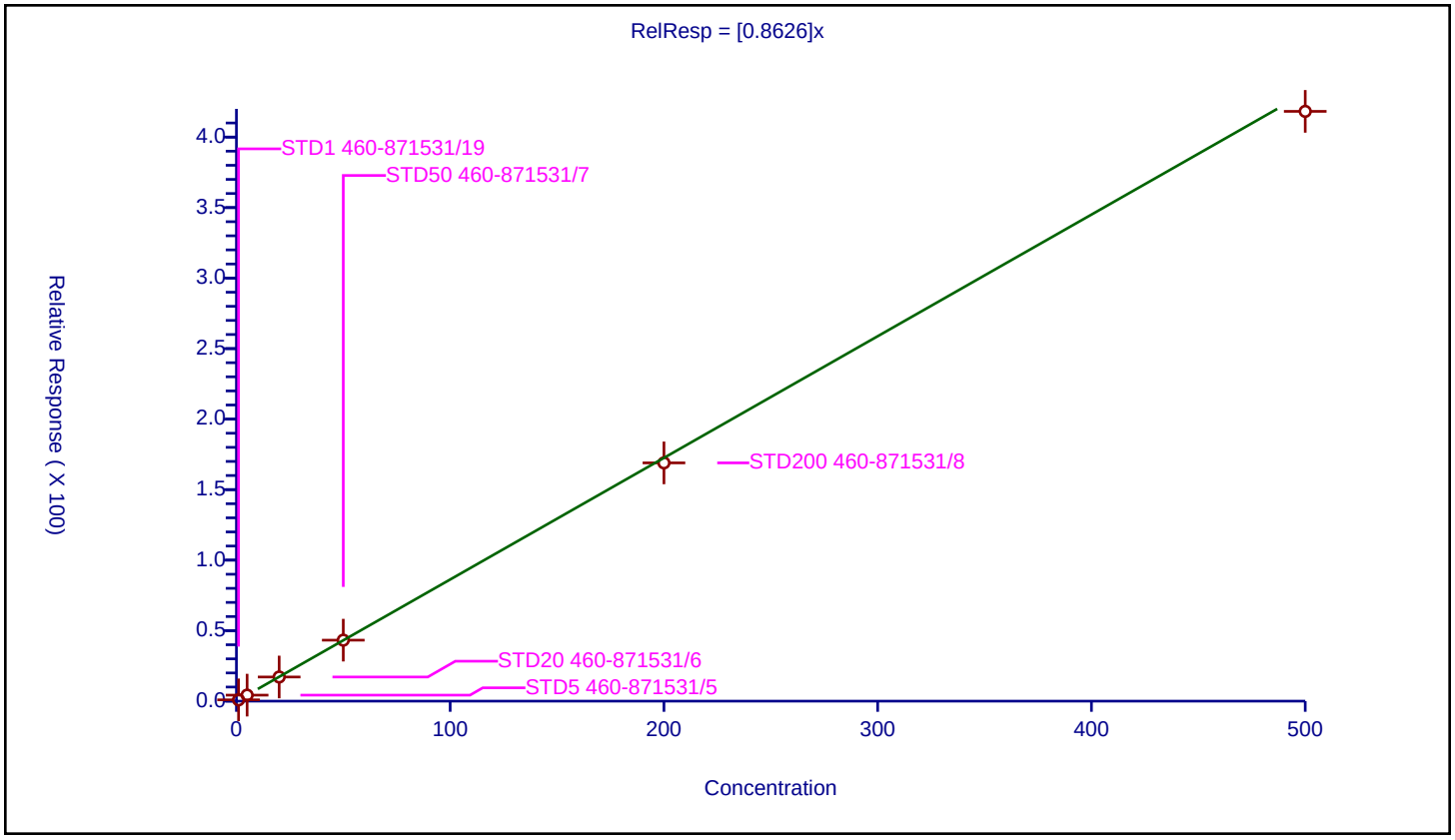
Curve Coefficients

Intercept:	0
Slope:	0.8626

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.920195	50.0	422465.0	0.920195	Y
2	STD5 460-871531/5	5.0	4.263631	50.0	428121.0	0.852726	Y
3	STD20 460-871531/6	20.0	17.127922	50.0	460266.0	0.856396	Y
4	STD50 460-871531/7	50.0	43.24938	50.0	478919.0	0.864988	Y
5	STD200 460-871531/8	200.0	168.962475	50.0	519650.0	0.844812	Y
6	STD500 460-871531/9	500.0	418.239797	50.0	548005.0	0.83648	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

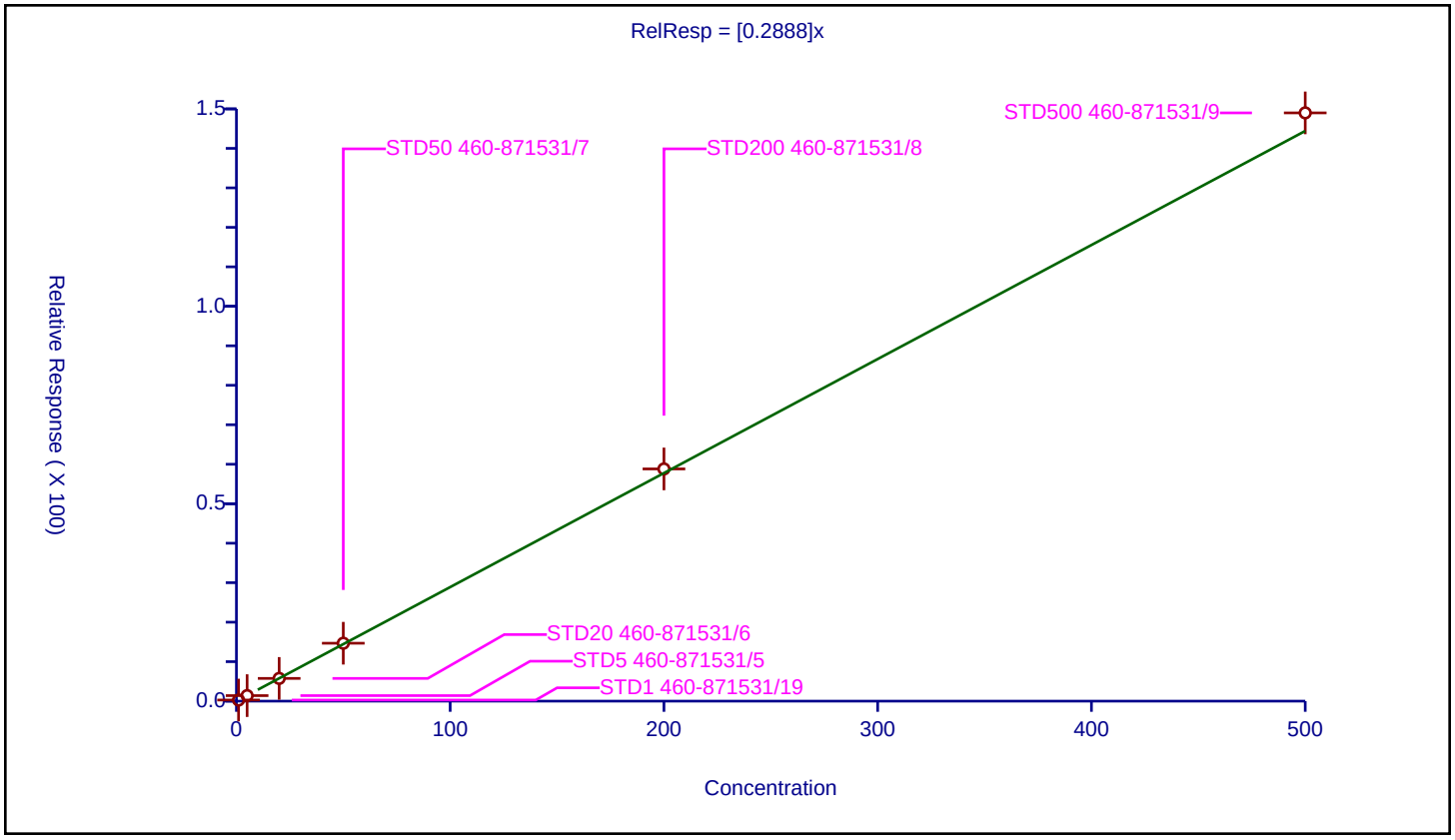
Curve Coefficients

Intercept:	0
Slope:	0.2888

Error Coefficients

Standard Error:	783000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.280142	50.0	422465.0	0.280142	Y
2	STD5 460-871531/5	5.0	1.397269	50.0	428121.0	0.279454	Y
3	STD20 460-871531/6	20.0	5.758409	50.0	460266.0	0.28792	Y
4	STD50 460-871531/7	50.0	14.665737	50.0	478919.0	0.293315	Y
5	STD200 460-871531/8	200.0	58.809198	50.0	519650.0	0.294046	Y
6	STD500 460-871531/9	500.0	148.988422	50.0	548005.0	0.297977	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

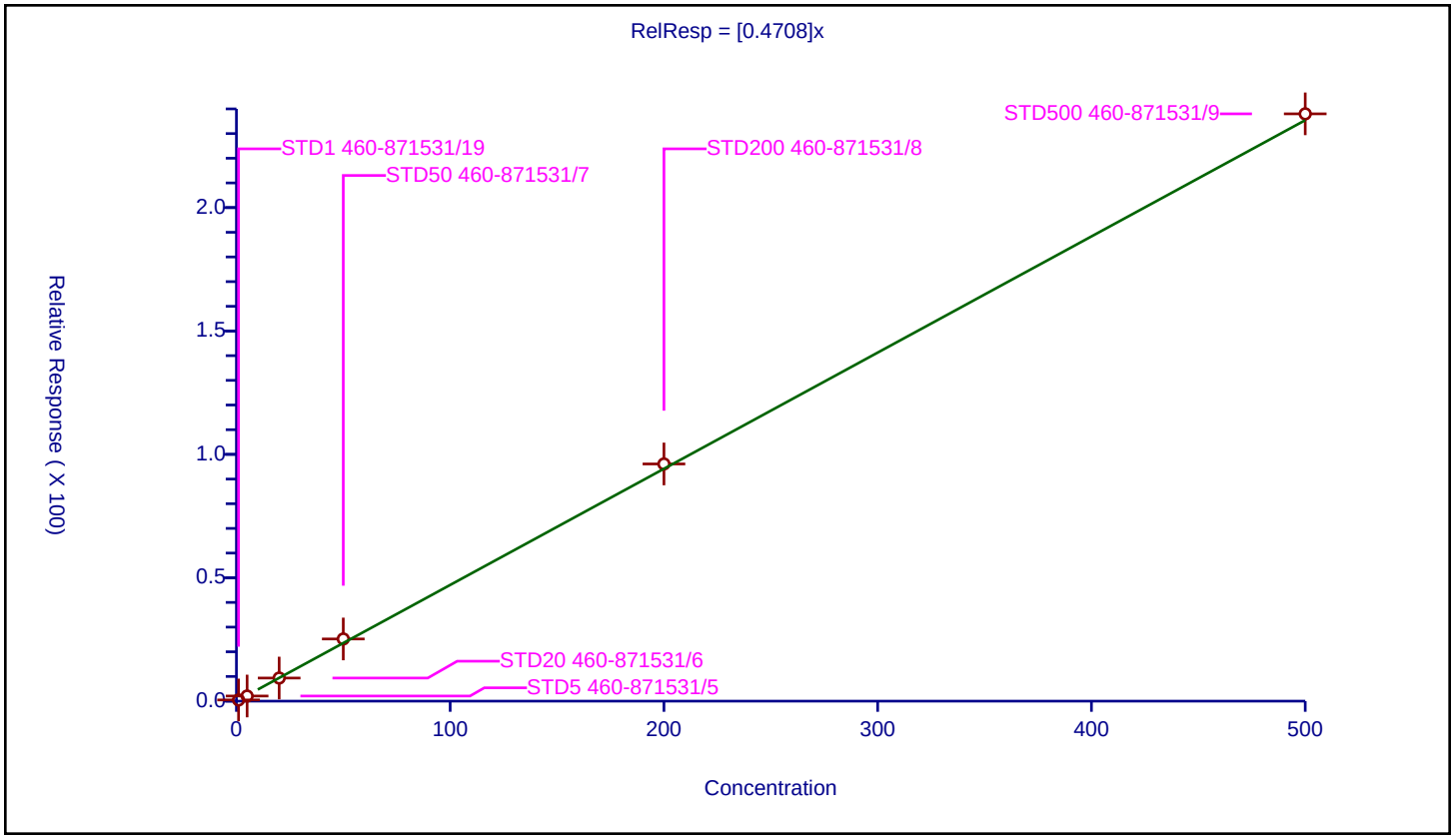
Curve Coefficients

Intercept:	0
Slope:	0.4708

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.480987	50.0	422465.0	0.480987	Y
2	STD5 460-871531/5	5.0	2.075932	50.0	428121.0	0.415186	Y
3	STD20 460-871531/6	20.0	9.360674	50.0	460266.0	0.468034	Y
4	STD50 460-871531/7	50.0	25.199564	50.0	478919.0	0.503991	Y
5	STD200 460-871531/8	200.0	96.120658	50.0	519650.0	0.480603	Y
6	STD500 460-871531/9	500.0	237.993266	50.0	548005.0	0.475987	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

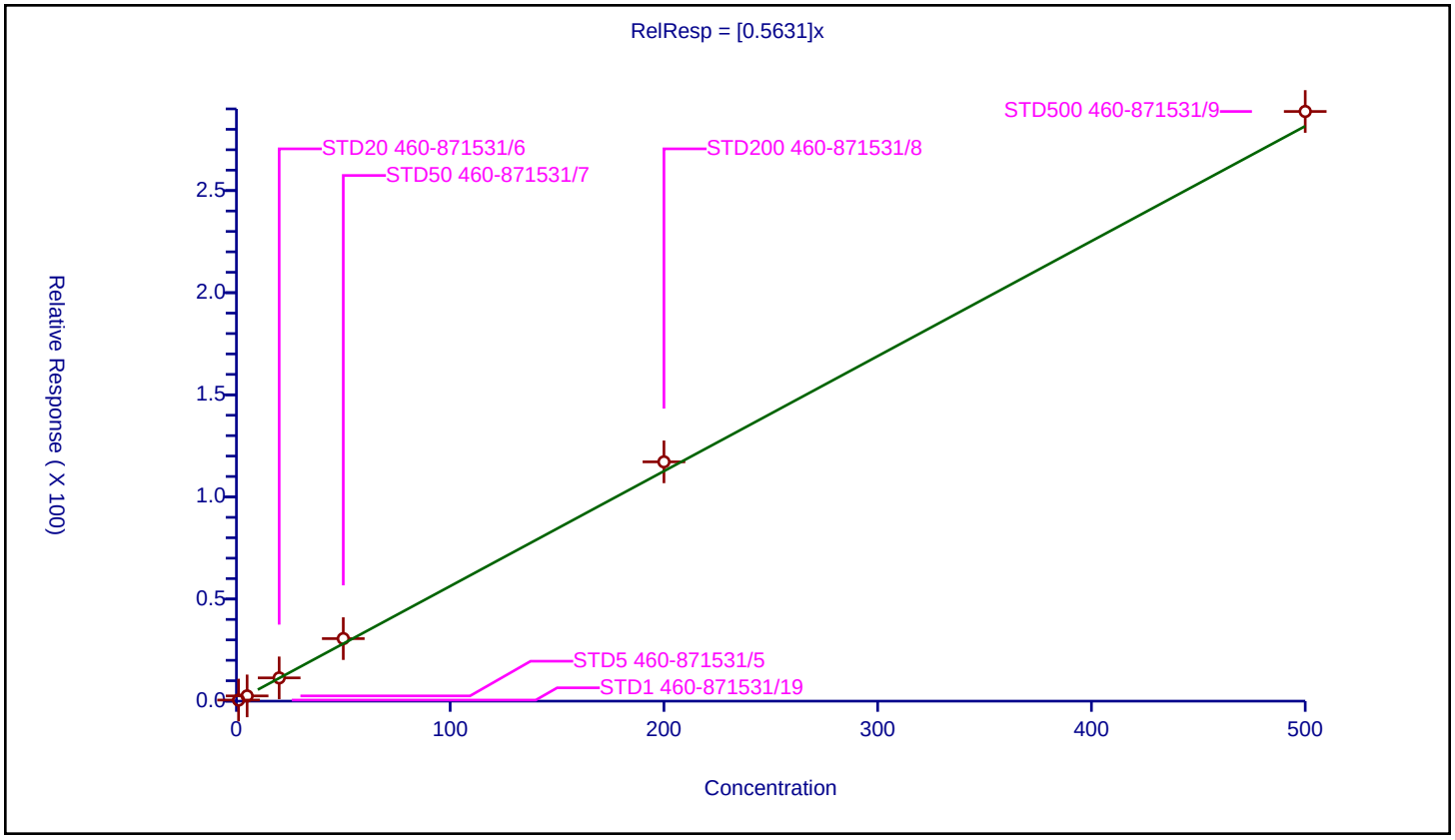
Curve Coefficients

Intercept:	0
Slope:	0.5631

Error Coefficients

Standard Error:	1520000
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	STD1 460-871531/19	1.0	0.522173	50.0	422465.0	0.522173	Y
2	STD5 460-871531/5	5.0	2.558038	50.0	428121.0	0.511608	Y
3	STD20 460-871531/6	20.0	11.385264	50.0	460266.0	0.569263	Y
4	STD50 460-871531/7	50.0	30.612066	50.0	478919.0	0.612241	Y
5	STD200 460-871531/8	200.0	117.175599	50.0	519650.0	0.585878	Y
6	STD500 460-871531/9	500.0	288.739154	50.0	548005.0	0.577478	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

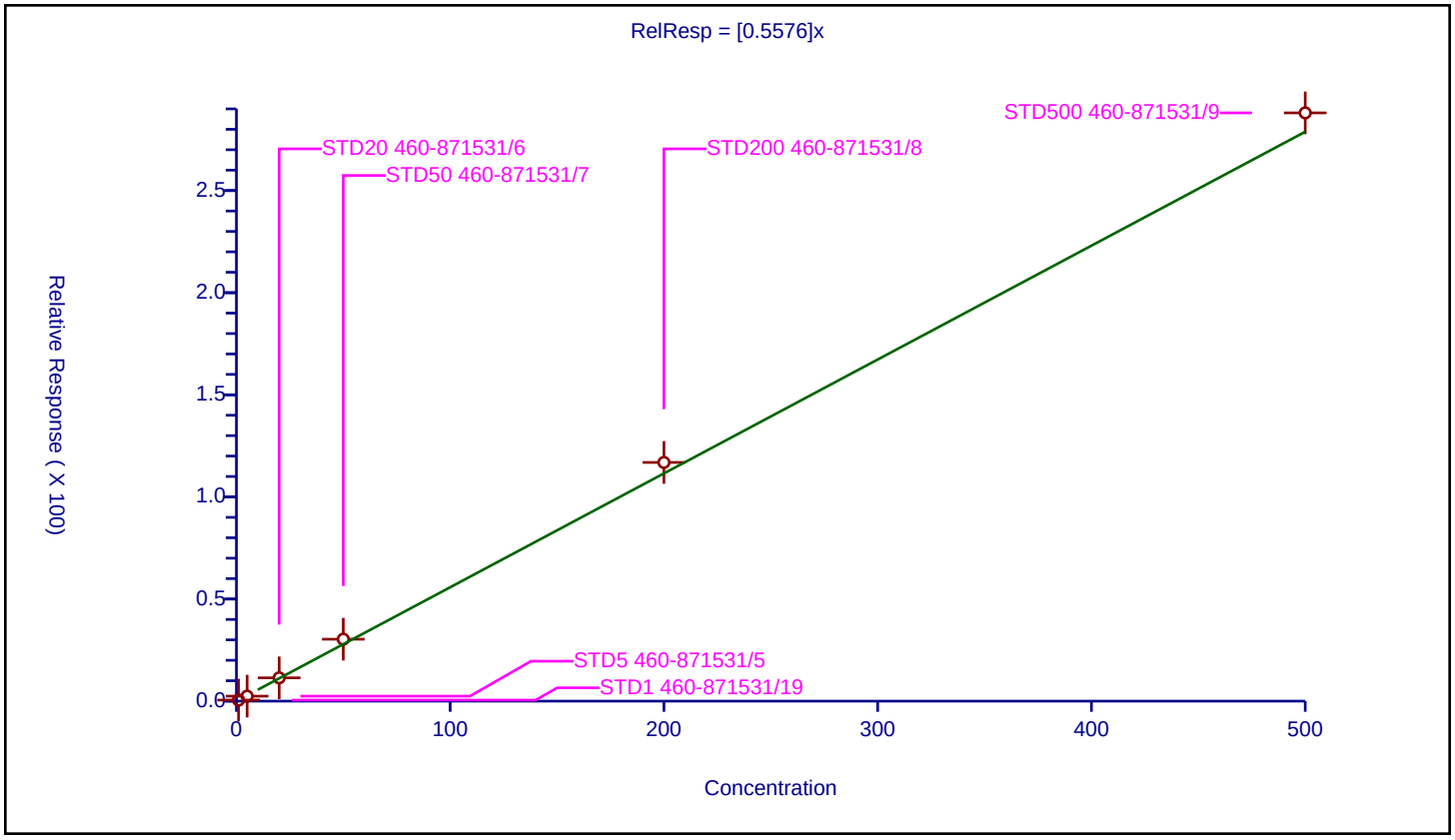
Curve Coefficients

Intercept:	0
Slope:	0.5576

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.518741	50.0	422465.0	0.518741	Y
2	STD5 460-871531/5	5.0	2.446388	50.0	428121.0	0.489278	Y
3	STD20 460-871531/6	20.0	11.406339	50.0	460266.0	0.570317	Y
4	STD50 460-871531/7	50.0	30.324752	50.0	478919.0	0.606495	Y
5	STD200 460-871531/8	200.0	116.885404	50.0	519650.0	0.584427	Y
6	STD500 460-871531/9	500.0	288.044908	50.0	548005.0	0.57609	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

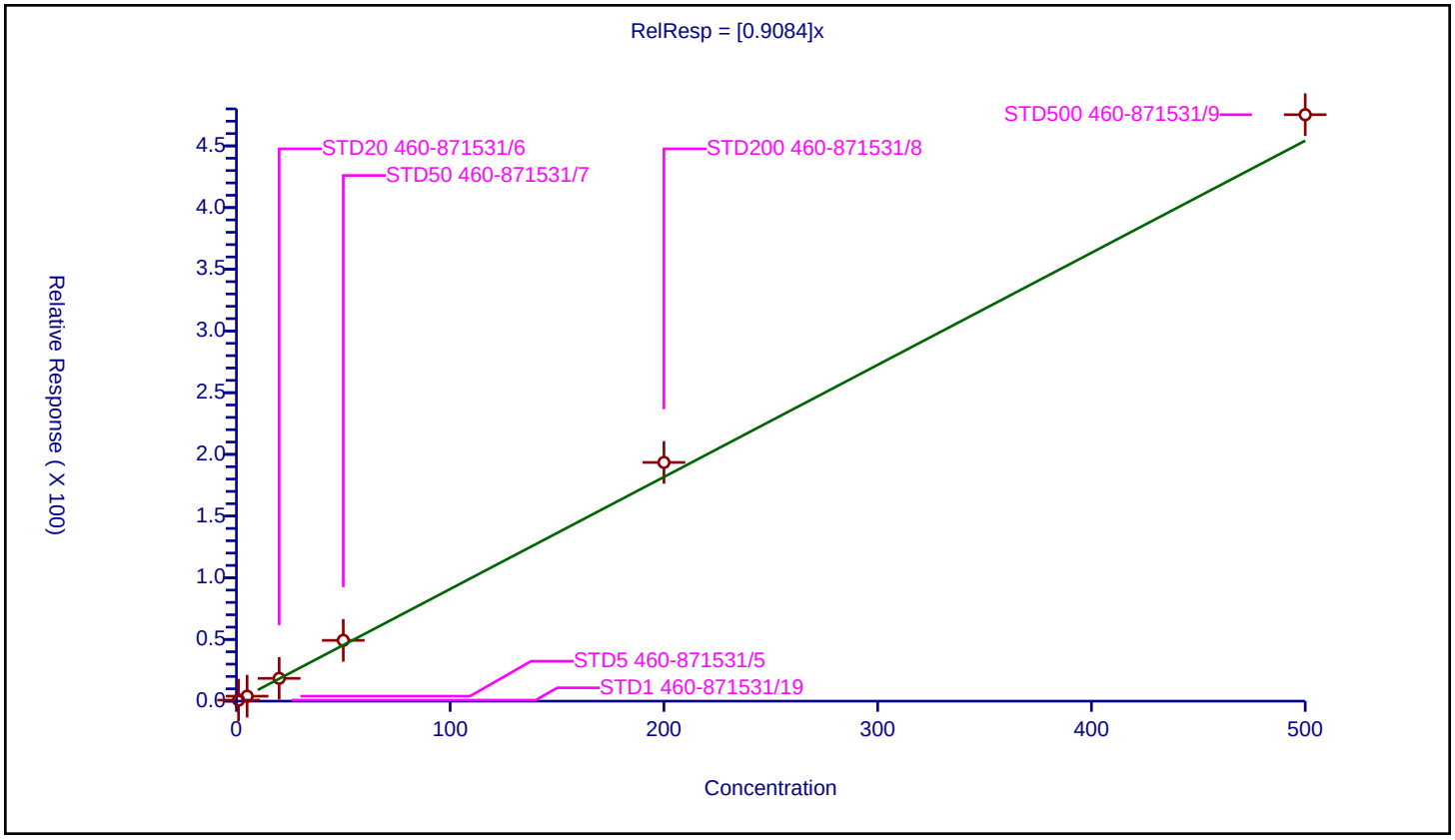
Curve Coefficients

Intercept:	0
Slope:	0.9084

Error Coefficients

Standard Error:	2510000
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	STD1 460-871531/19	1.0	0.820541	50.0	422465.0	0.820541	Y
2	STD5 460-871531/5	5.0	4.016738	50.0	428121.0	0.803348	Y
3	STD20 460-871531/6	20.0	18.466713	50.0	460266.0	0.923336	Y
4	STD50 460-871531/7	50.0	49.274512	50.0	478919.0	0.98549	Y
5	STD200 460-871531/8	200.0	193.473203	50.0	519650.0	0.967366	Y
6	STD500 460-871531/9	500.0	475.304605	50.0	548005.0	0.950609	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

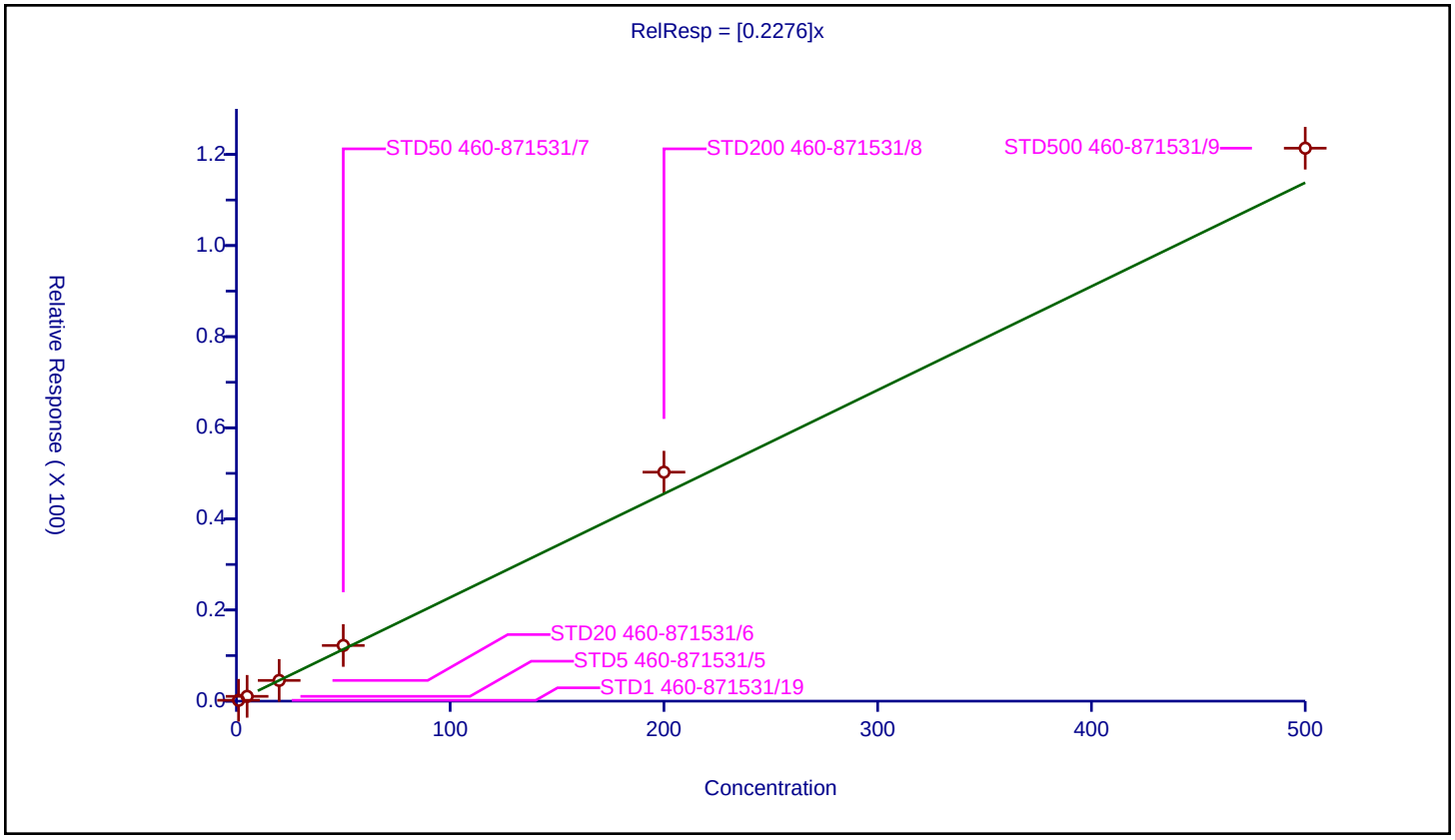
Curve Coefficients

Intercept:	0
Slope:	0.2276

Error Coefficients

Standard Error:	641000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.188418	50.0	422465.0	0.188418	Y
2	STD5 460-871531/5	5.0	1.056594	50.0	428121.0	0.211319	Y
3	STD20 460-871531/6	20.0	4.548674	50.0	460266.0	0.227434	Y
4	STD50 460-871531/7	50.0	12.219707	50.0	478919.0	0.244394	Y
5	STD200 460-871531/8	200.0	50.260175	50.0	519650.0	0.251301	Y
6	STD500 460-871531/9	500.0	121.370699	50.0	548005.0	0.242741	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

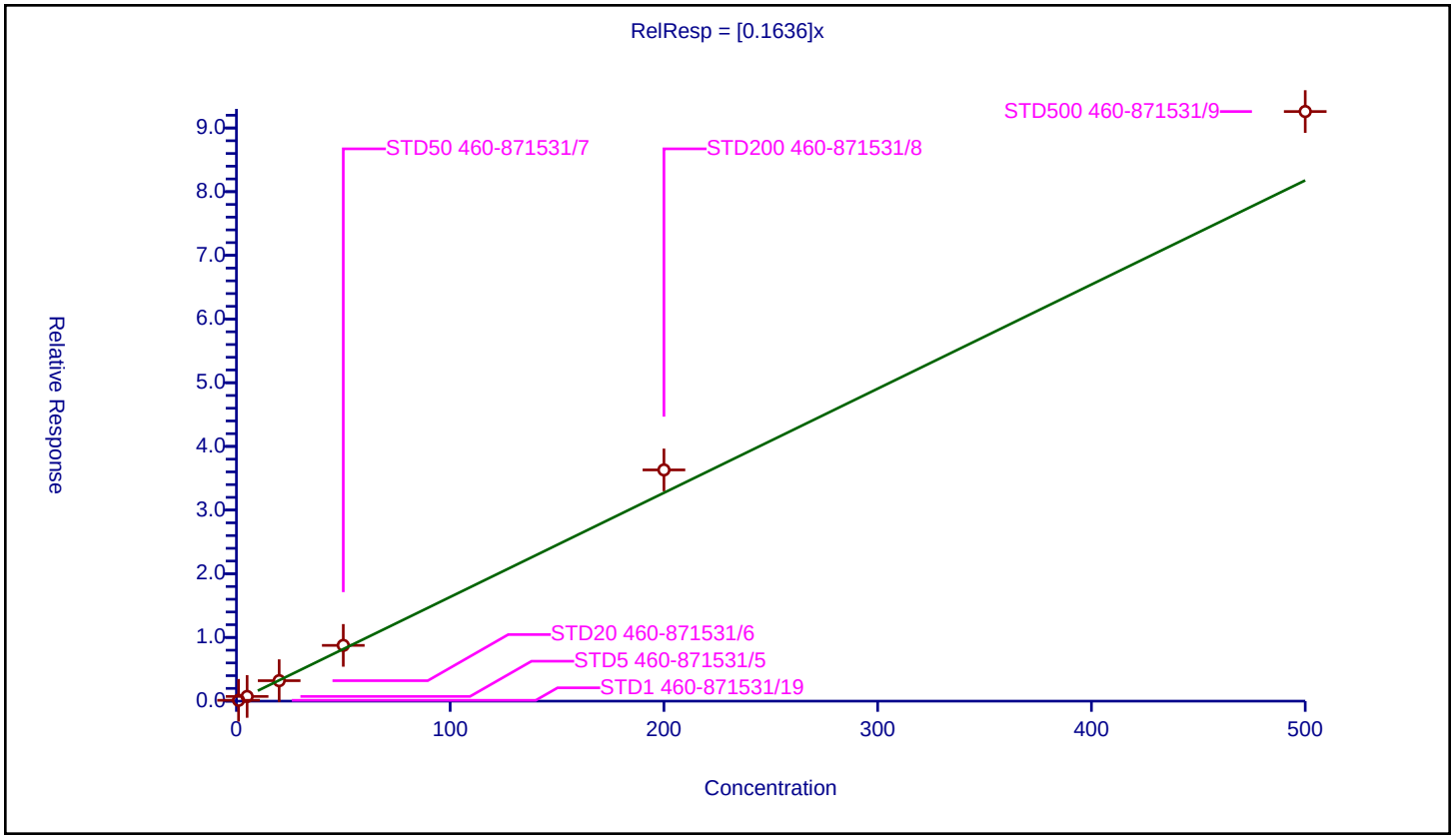
Curve Coefficients

Intercept:	0
Slope:	0.1636

Error Coefficients

Standard Error:	486000
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	STD1 460-871531/19	1.0	0.131253	50.0	422465.0	0.131253	Y
2	STD5 460-871531/5	5.0	0.737642	50.0	428121.0	0.147528	Y
3	STD20 460-871531/6	20.0	3.213359	50.0	460266.0	0.160668	Y
4	STD50 460-871531/7	50.0	8.756596	50.0	478919.0	0.175132	Y
5	STD200 460-871531/8	200.0	36.310497	50.0	519650.0	0.181552	Y
6	STD500 460-871531/9	500.0	92.586017	50.0	548005.0	0.185172	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

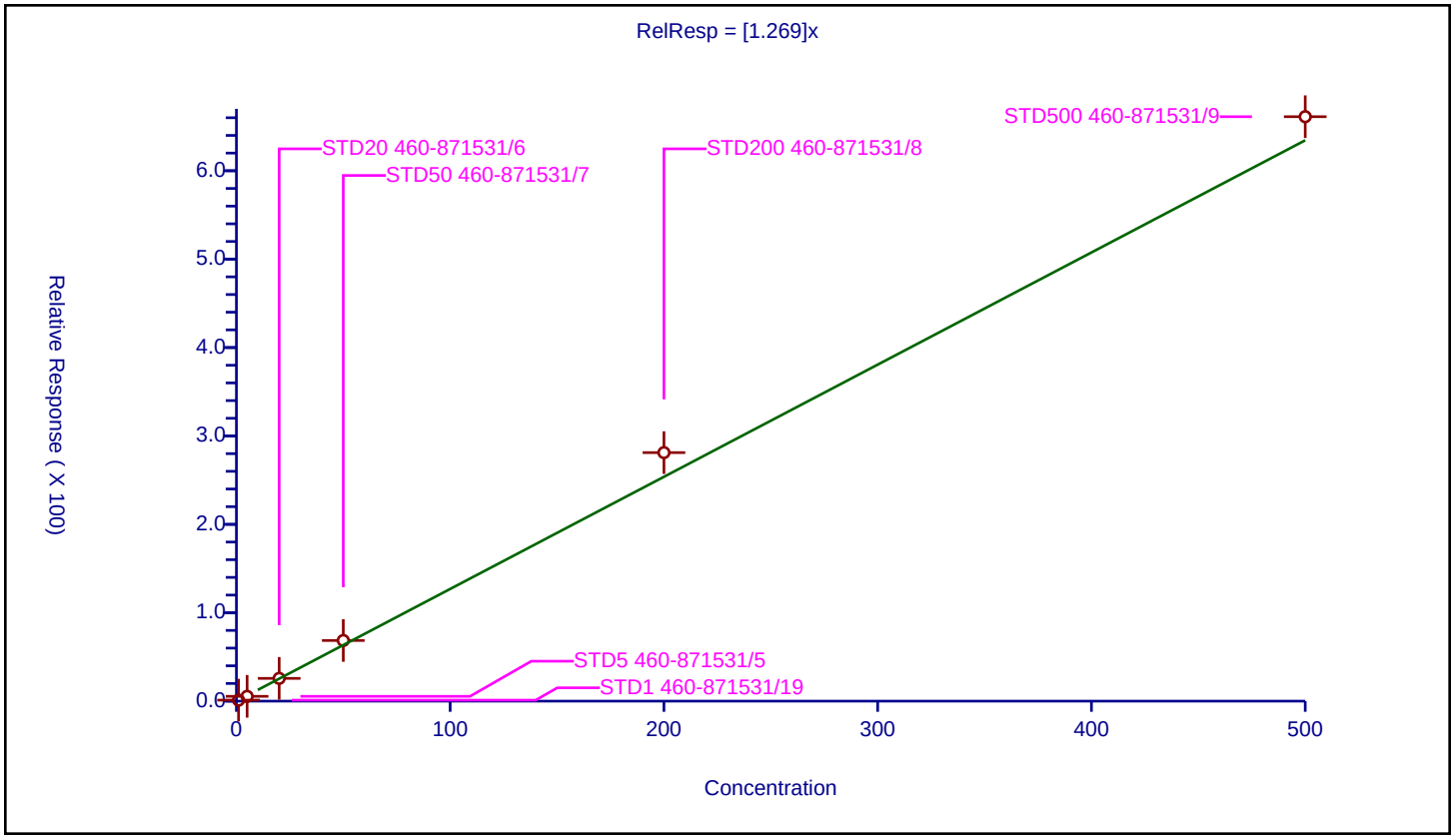
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Standard Error:	1900000
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	STD1 460-871531/19	1.0	1.136136	50.0	224753.0	1.136136	Y
2	STD5 460-871531/5	5.0	5.447463	50.0	230153.0	1.089493	Y
3	STD20 460-871531/6	20.0	25.74795	50.0	249014.0	1.287397	Y
4	STD50 460-871531/7	50.0	68.619806	50.0	264941.0	1.372396	Y
5	STD200 460-871531/8	200.0	281.161733	50.0	282311.0	1.405809	Y
6	STD500 460-871531/9	500.0	661.162093	50.0	296620.0	1.322324	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

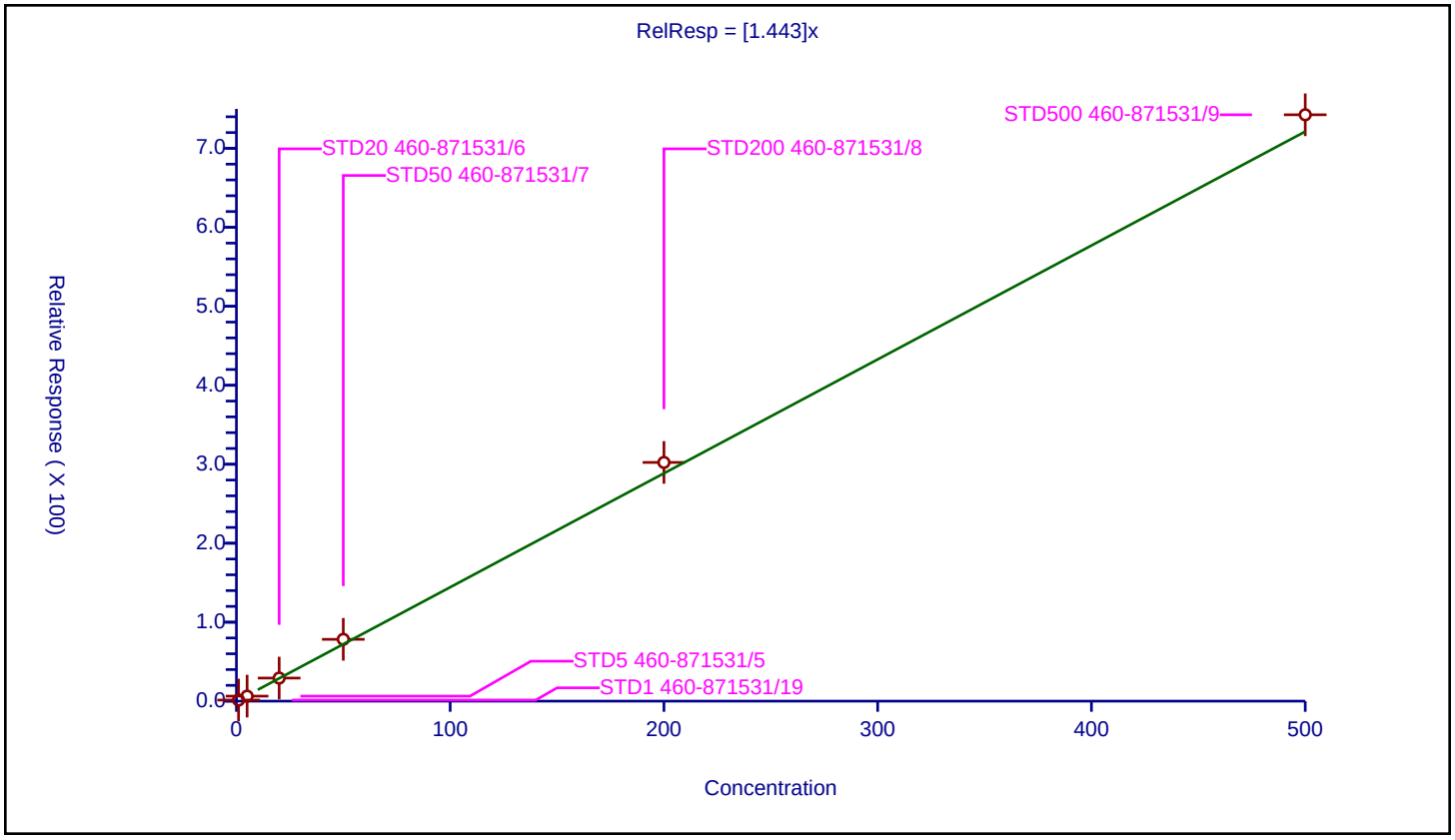
Curve Coefficients

Intercept:	0
Slope:	1.443

Error Coefficients

Standard Error:	3920000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	1.361178	50.0	422465.0	1.361178	Y
2	STD5 460-871531/5	5.0	6.35311	50.0	428121.0	1.270622	Y
3	STD20 460-871531/6	20.0	29.224948	50.0	460266.0	1.461247	Y
4	STD50 460-871531/7	50.0	78.279939	50.0	478919.0	1.565599	Y
5	STD200 460-871531/8	200.0	302.306071	50.0	519650.0	1.51153	Y
6	STD500 460-871531/9	500.0	742.557367	50.0	548005.0	1.485115	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

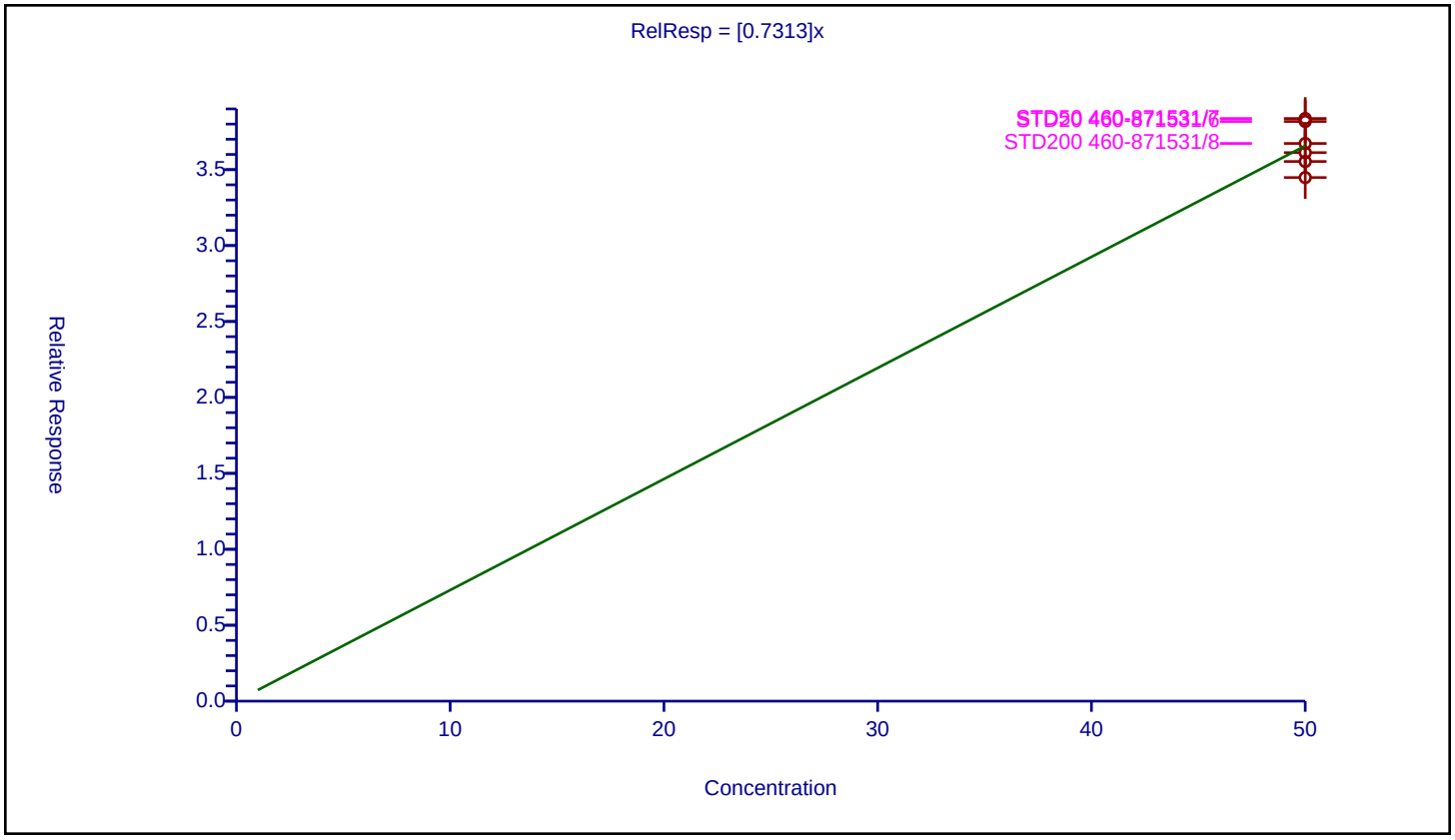
Curve Coefficients

Intercept:	0
Slope:	0.7313

Error Coefficients

Standard Error:	208000
Relative Standard Error:	4.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-871531/5	50.0	35.535274	50.0	230153.0	0.710705	Y
2	STD20 460-871531/6	50.0	38.171749	50.0	249014.0	0.763435	Y
3	STD50 460-871531/7	50.0	38.366655	50.0	264941.0	0.767333	Y
4	STD200 460-871531/8	50.0	36.722976	50.0	282311.0	0.73446	Y
5	STD500 460-871531/9	50.0	34.4793	50.0	296620.0	0.689586	Y
6	STD1 460-871531/19	50.0	36.120986	50.0	224753.0	0.72242	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

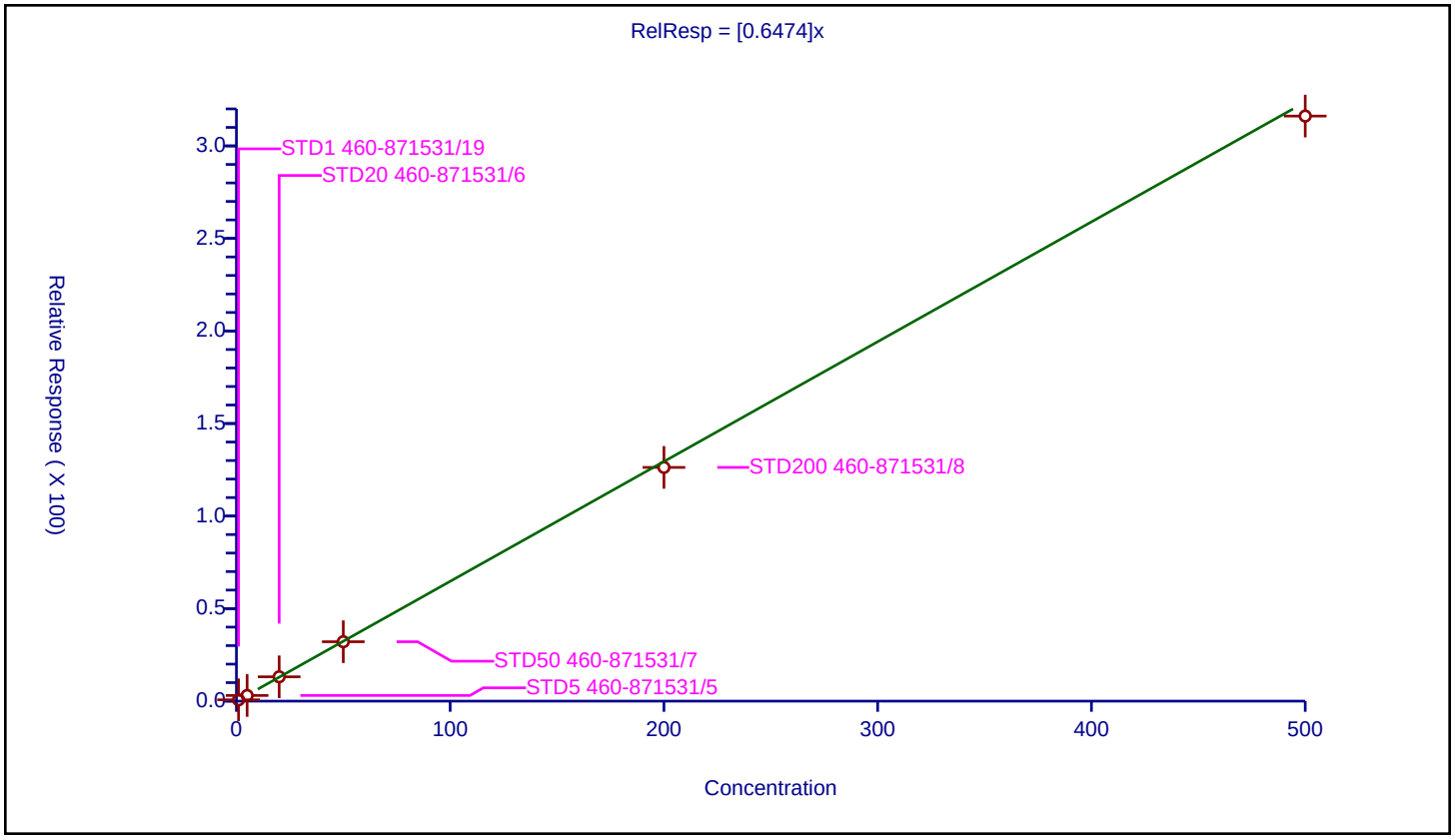
Curve Coefficients

Intercept:	0
Slope:	0.6474

Error Coefficients

Standard Error:	901000
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	STD1 460-871531/19	1.0	0.709223	50.0	224753.0	0.709223	Y
2	STD5 460-871531/5	5.0	3.0584	50.0	230153.0	0.61168	Y
3	STD20 460-871531/6	20.0	13.153076	50.0	249014.0	0.657654	Y
4	STD50 460-871531/7	50.0	32.098278	50.0	264941.0	0.641966	Y
5	STD200 460-871531/8	200.0	126.292635	50.0	282311.0	0.631463	Y
6	STD500 460-871531/9	500.0	316.127874	50.0	296620.0	0.632256	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

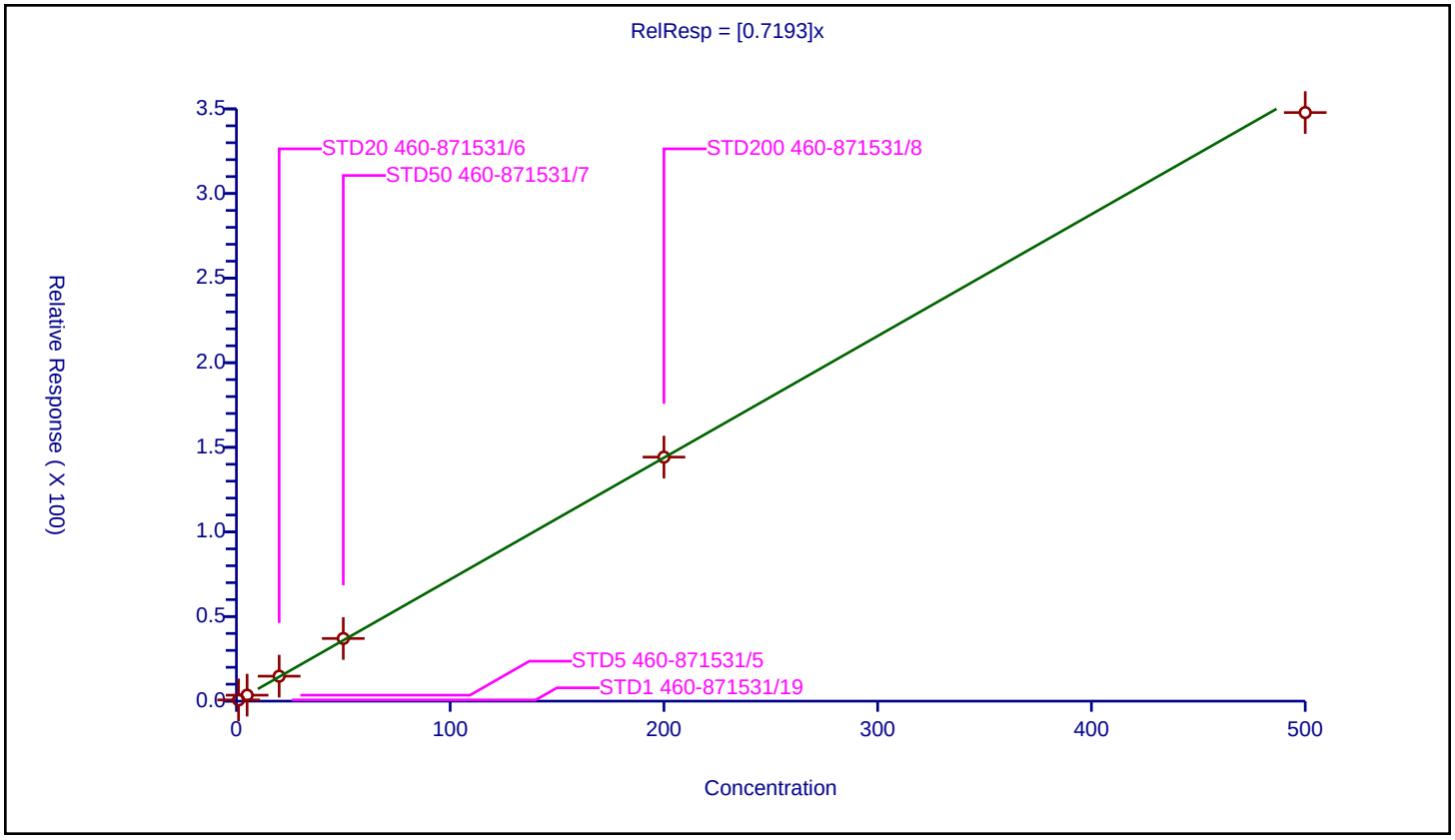
Curve Coefficients

Intercept:	0
Slope:	0.7193

Error Coefficients

Standard Error:	996000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.714117	50.0	224753.0	0.714117	Y
2	STD5 460-871531/5	5.0	3.53265	50.0	230153.0	0.70653	Y
3	STD20 460-871531/6	20.0	14.755596	50.0	249014.0	0.73778	Y
4	STD50 460-871531/7	50.0	37.034283	50.0	264941.0	0.740686	Y
5	STD200 460-871531/8	200.0	144.211348	50.0	282311.0	0.721057	Y
6	STD500 460-871531/9	500.0	347.825838	50.0	296620.0	0.695652	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

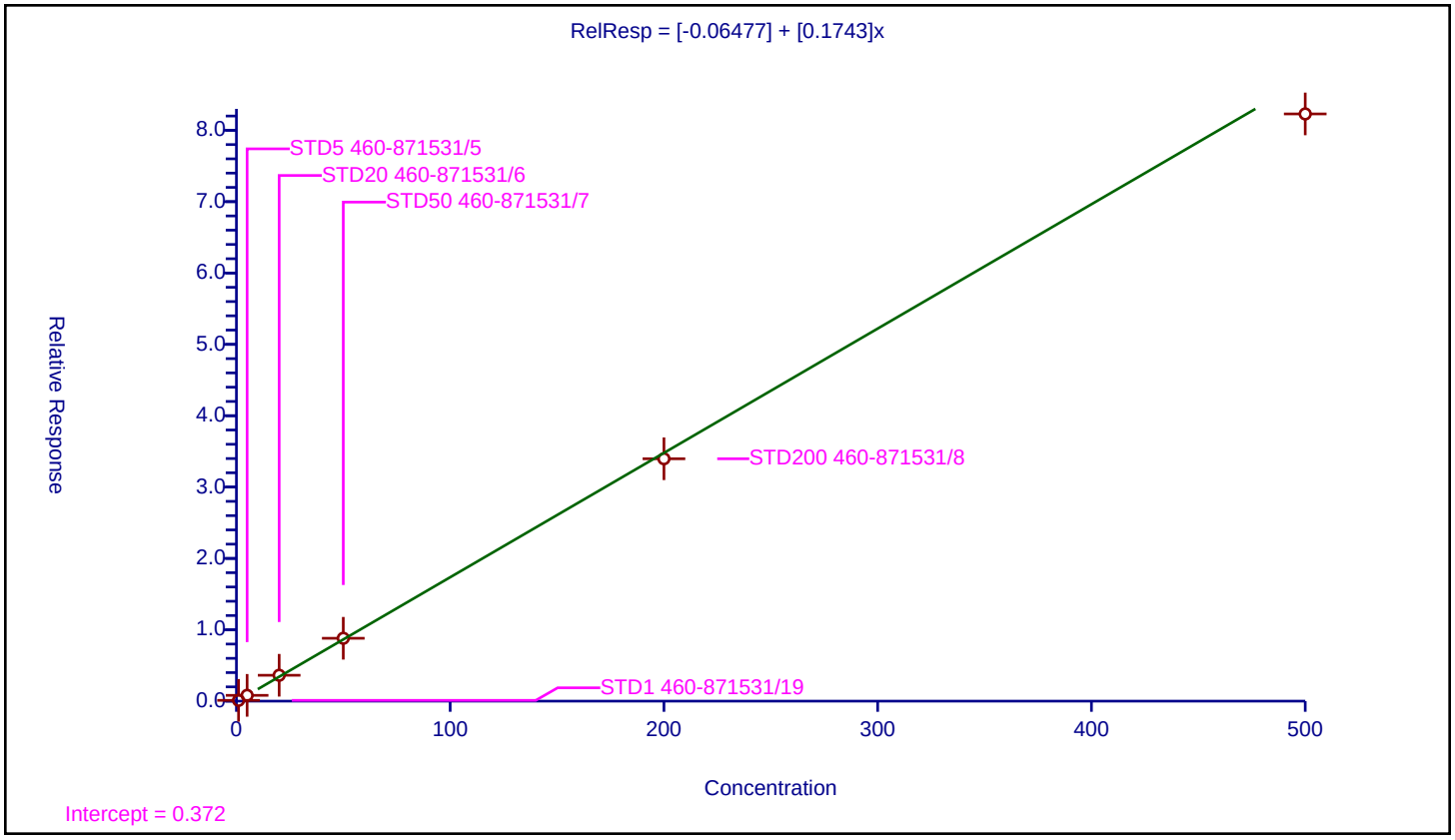
Curve Coefficients

Intercept:	-0.06477
Slope:	0.1743

Error Coefficients

Standard Error:	263000
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	STD1 460-871531/19	1.0	0.108786	50.0	224753.0	0.108786	Y
2	STD5 460-871531/5	5.0	0.810548	50.0	230153.0	0.16211	Y
3	STD20 460-871531/6	20.0	3.624897	50.0	249014.0	0.181245	Y
4	STD50 460-871531/7	50.0	8.812151	50.0	264941.0	0.176243	Y
5	STD200 460-871531/8	200.0	33.967858	50.0	282311.0	0.169839	Y
6	STD500 460-871531/9	500.0	82.293844	50.0	296620.0	0.164588	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

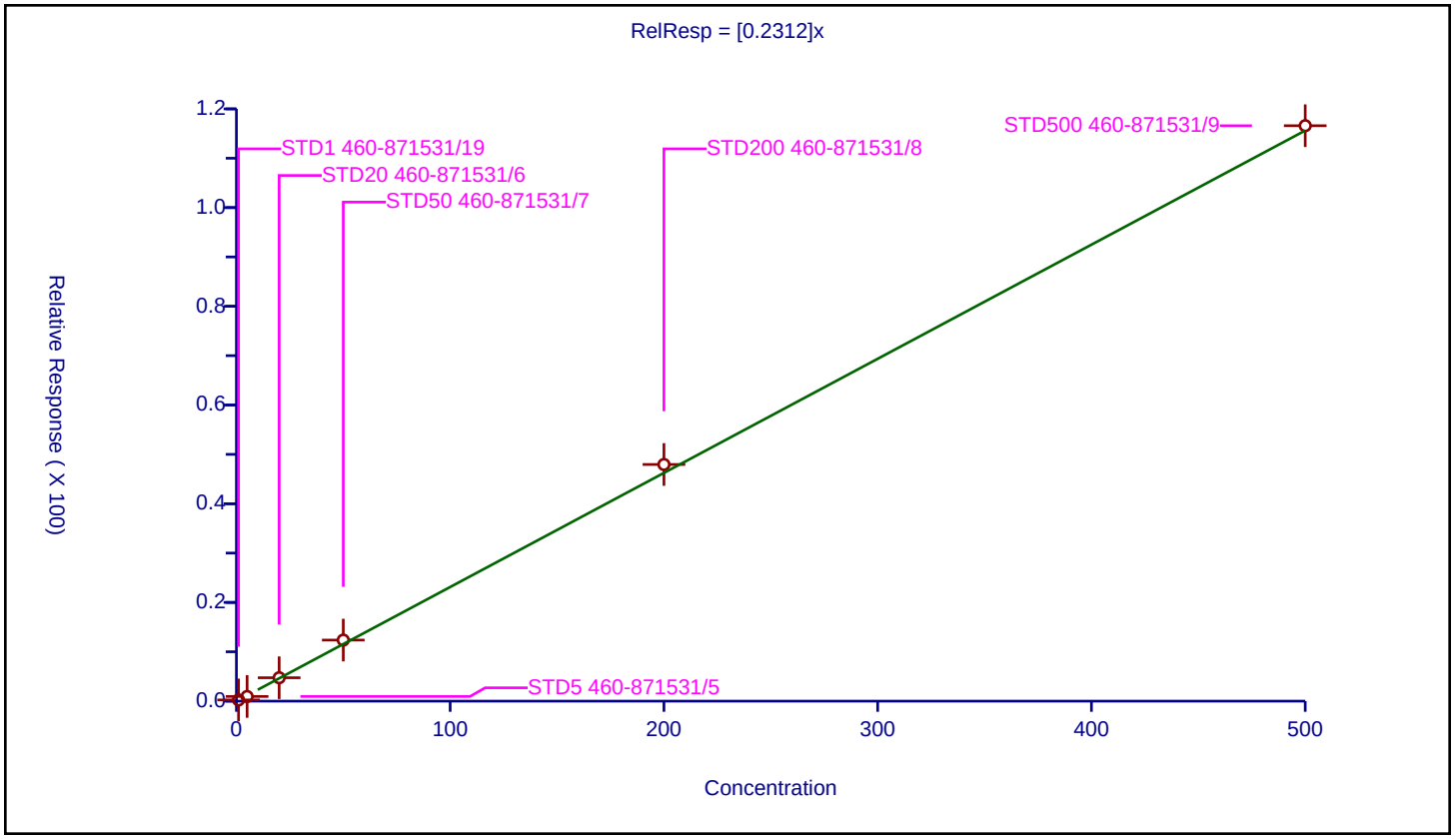
Curve Coefficients

Intercept:	0
Slope:	0.2312

Error Coefficients

Standard Error:	334000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.240709	50.0	224753.0	0.240709	Y
2	STD5 460-871531/5	5.0	0.946327	50.0	230153.0	0.189265	Y
3	STD20 460-871531/6	20.0	4.739091	50.0	249014.0	0.236955	Y
4	STD50 460-871531/7	50.0	12.373321	50.0	264941.0	0.247466	Y
5	STD200 460-871531/8	200.0	47.950133	50.0	282311.0	0.239751	Y
6	STD500 460-871531/9	500.0	116.590924	50.0	296620.0	0.233182	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

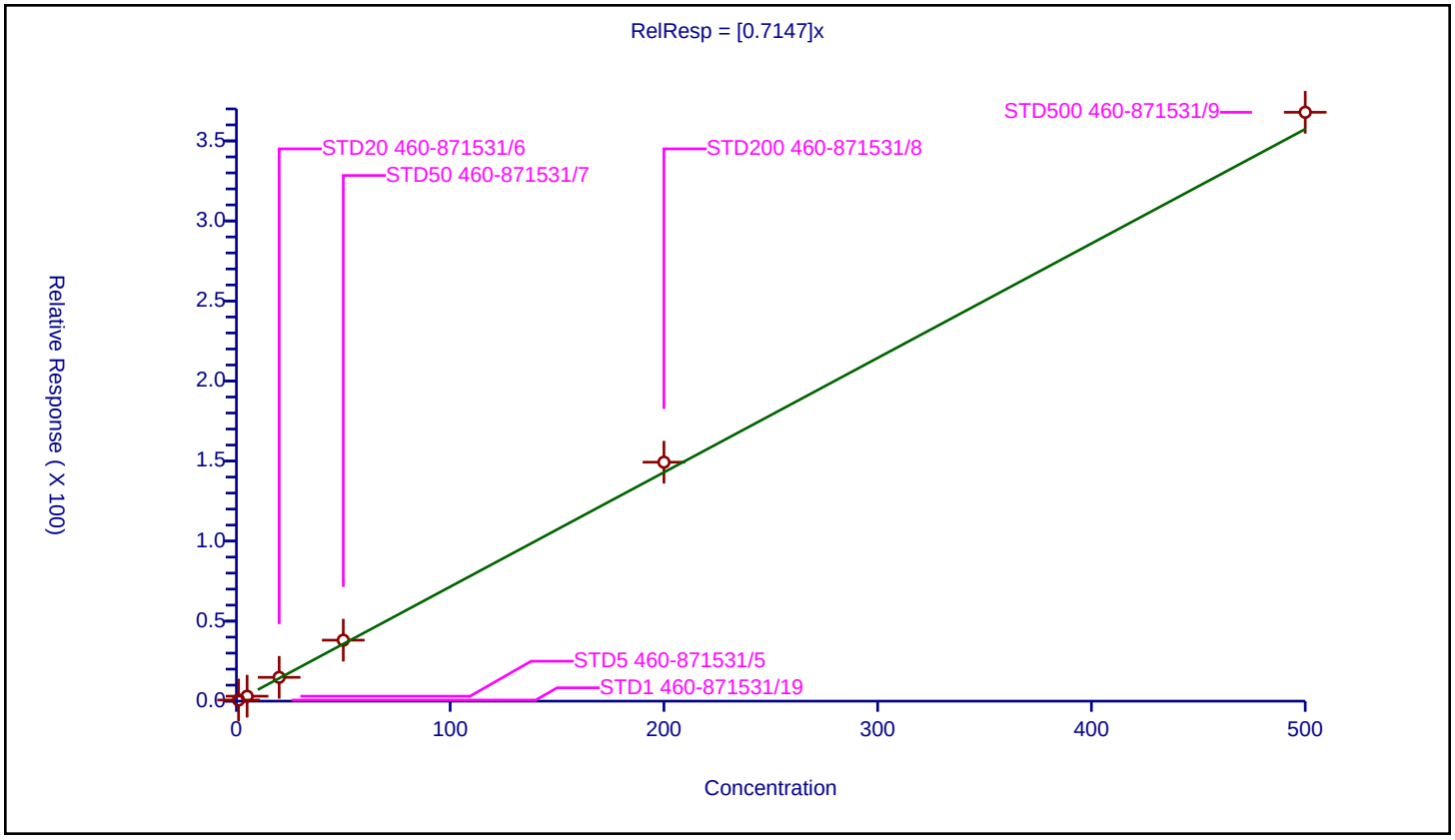
Curve Coefficients

Intercept:	0
Slope:	0.7147

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.683639	50.0	224753.0	0.683639	Y
2	STD5 460-871531/5	5.0	3.085773	50.0	230153.0	0.617155	Y
3	STD20 460-871531/6	20.0	14.870248	50.0	249014.0	0.743512	Y
4	STD50 460-871531/7	50.0	38.091688	50.0	264941.0	0.761834	Y
5	STD200 460-871531/8	200.0	149.287665	50.0	282311.0	0.746438	Y
6	STD500 460-871531/9	500.0	367.889387	50.0	296620.0	0.735779	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

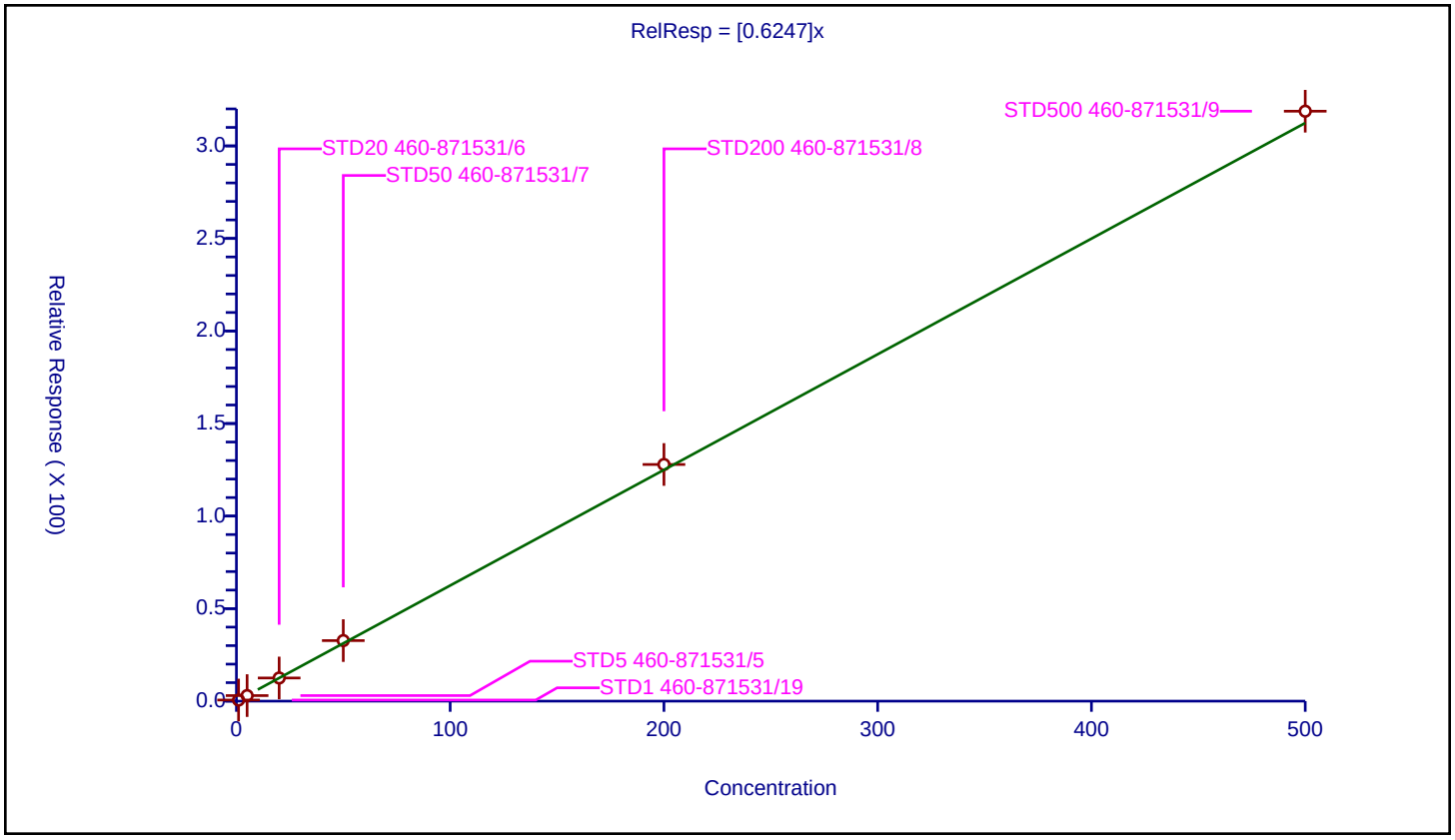
Curve Coefficients

Intercept:	0
Slope:	0.6247

Error Coefficients

Standard Error:	909000
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	STD1 460-871531/19	1.0	0.591761	50.0	224753.0	0.591761	Y
2	STD5 460-871531/5	5.0	2.998657	50.0	230153.0	0.599731	Y
3	STD20 460-871531/6	20.0	12.517971	50.0	249014.0	0.625899	Y
4	STD50 460-871531/7	50.0	32.711811	50.0	264941.0	0.654236	Y
5	STD200 460-871531/8	200.0	127.86218	50.0	282311.0	0.639311	Y
6	STD500 460-871531/9	500.0	318.744353	50.0	296620.0	0.637489	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

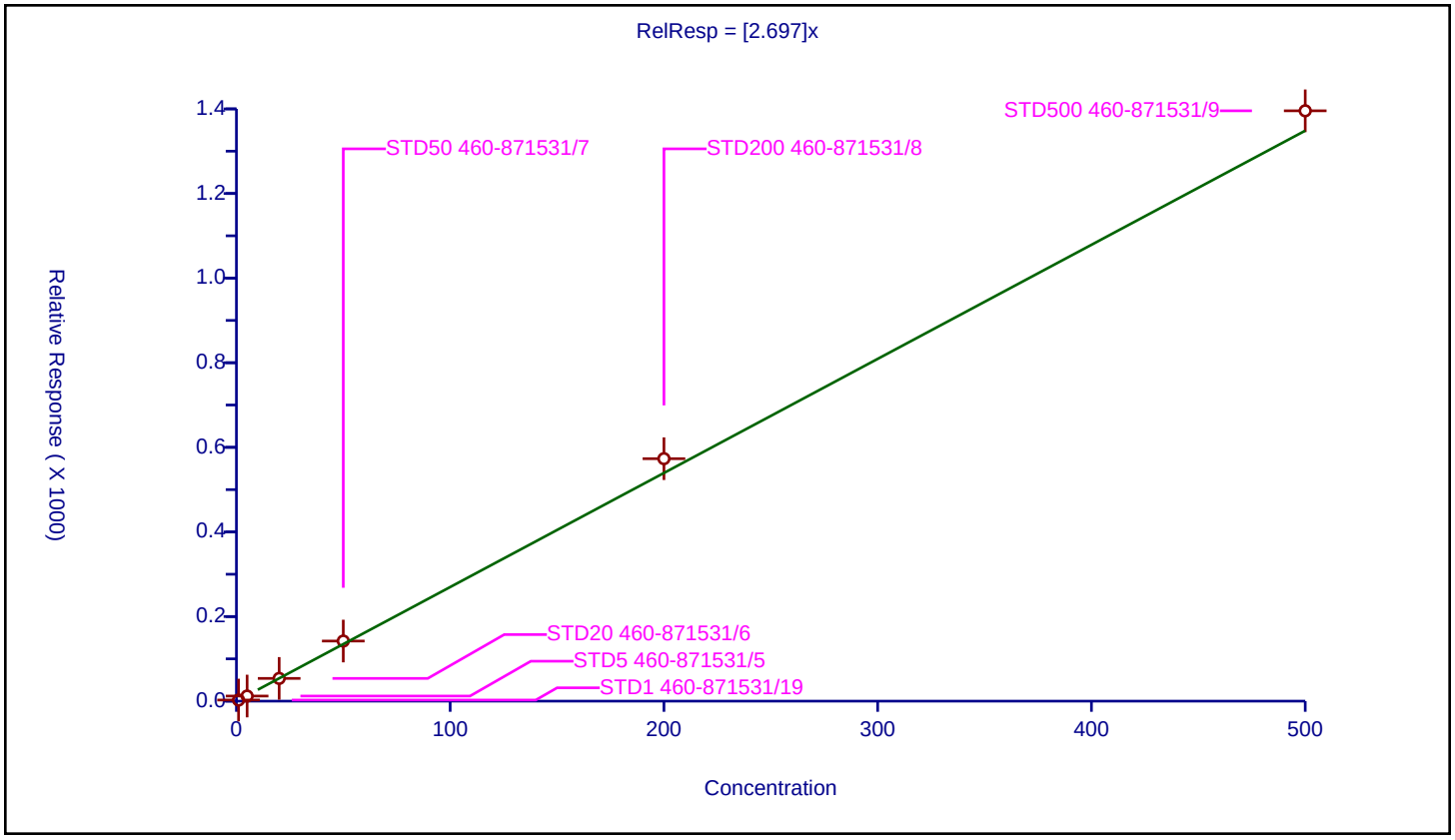
Curve Coefficients

Intercept:	0
Slope:	2.697

Error Coefficients

Standard Error:	3990000
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	STD1 460-871531/19	1.0	2.587285	50.0	224753.0	2.587285	Y
2	STD5 460-871531/5	5.0	12.038079	50.0	230153.0	2.407616	Y
3	STD20 460-871531/6	20.0	53.756616	50.0	249014.0	2.687831	Y
4	STD50 460-871531/7	50.0	142.083143	50.0	264941.0	2.841663	Y
5	STD200 460-871531/8	200.0	573.170369	50.0	282311.0	2.865852	Y
6	STD500 460-871531/9	500.0	1395.460859	50.0	296620.0	2.790922	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

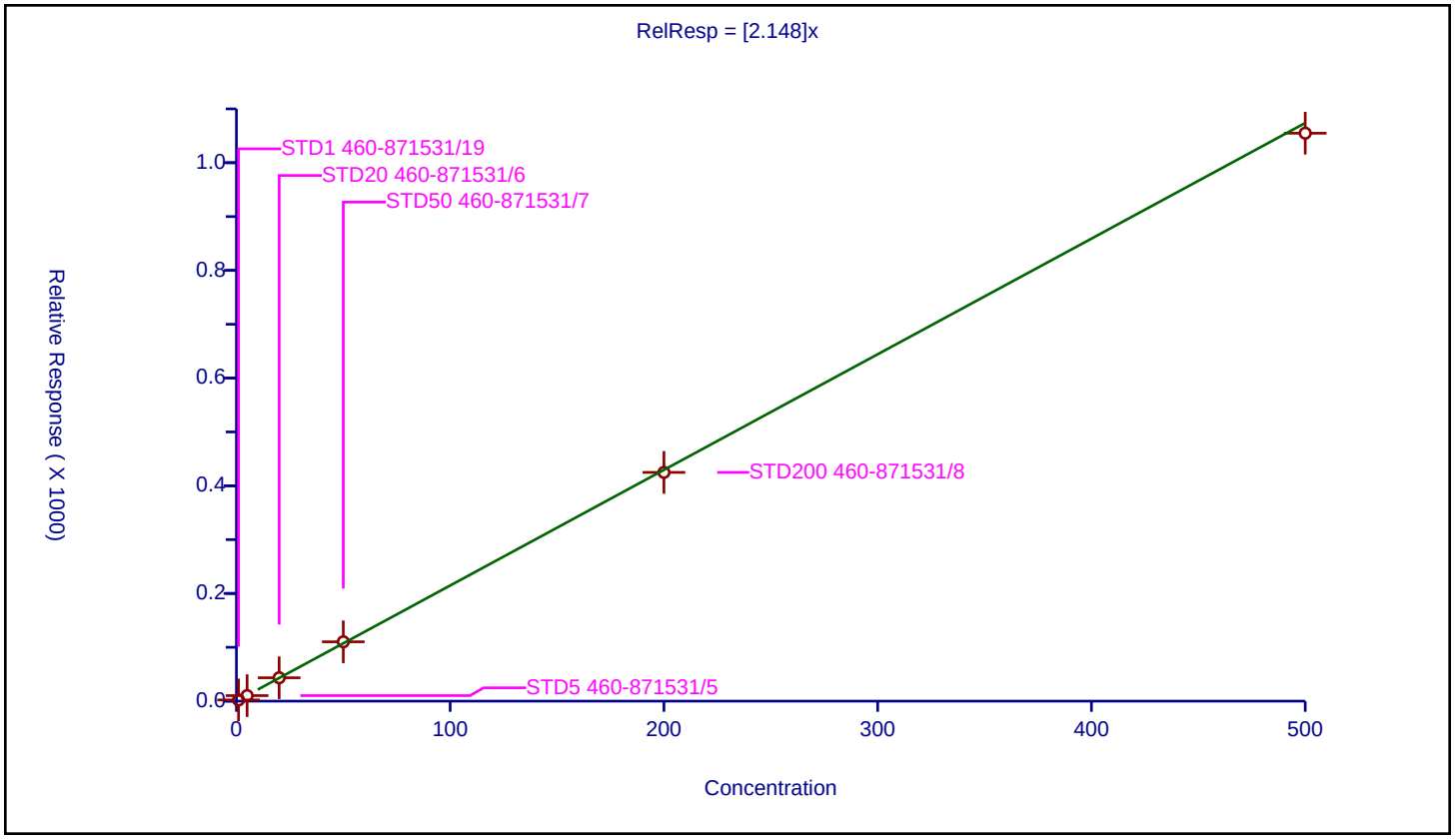
Curve Coefficients

Intercept:	0
Slope:	2.148

Error Coefficients

Standard Error:	3010000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	2.219993	50.0	224753.0	2.219993	Y
2	STD5 460-871531/5	5.0	10.281421	50.0	230153.0	2.056284	Y
3	STD20 460-871531/6	20.0	43.429887	50.0	249014.0	2.171494	Y
4	STD50 460-871531/7	50.0	110.174529	50.0	264941.0	2.203491	Y
5	STD200 460-871531/8	200.0	424.855744	50.0	282311.0	2.124279	Y
6	STD500 460-871531/9	500.0	1054.81542	50.0	296620.0	2.109631	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

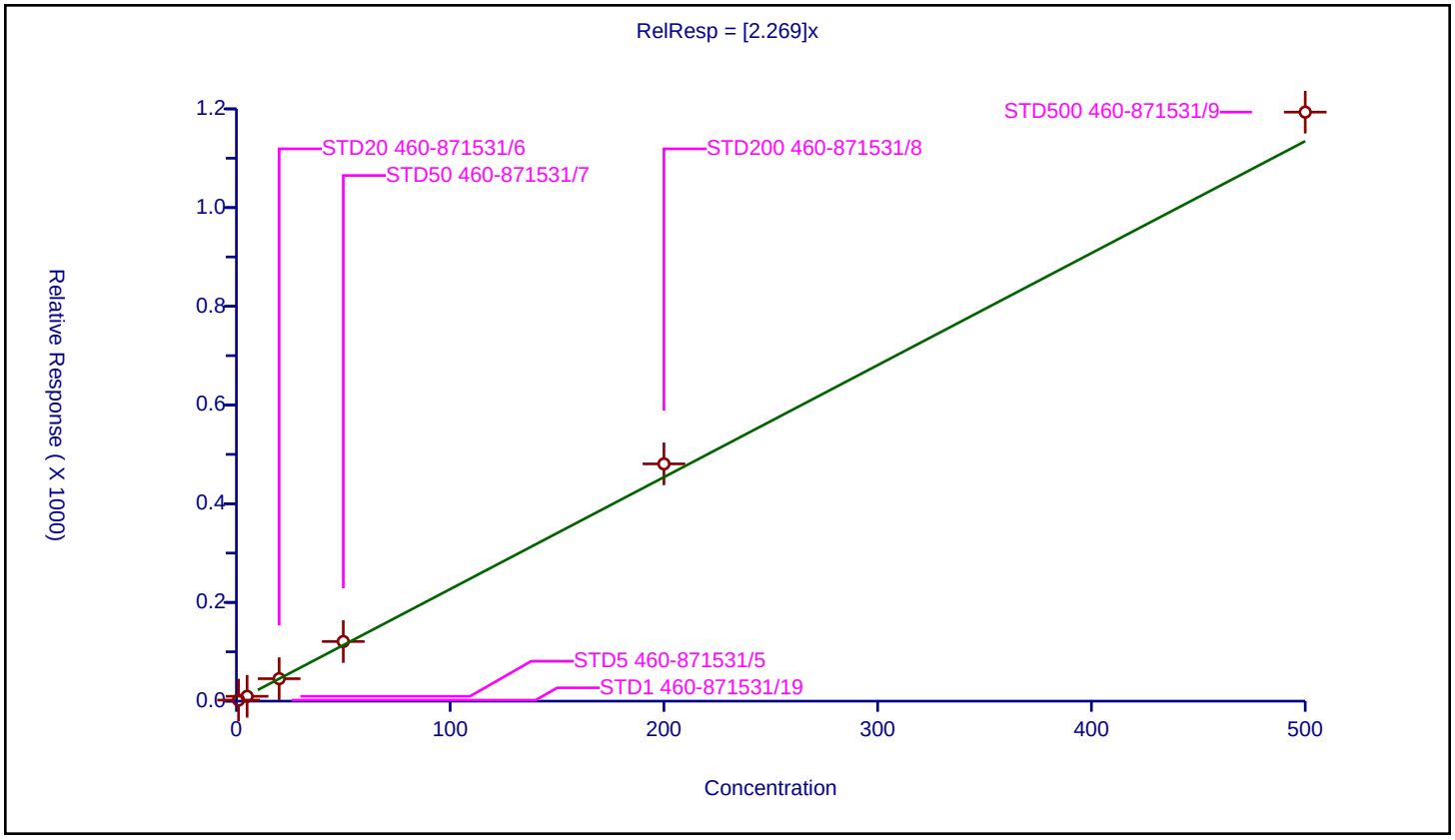
Curve Coefficients

Intercept:	0
Slope:	2.269

Error Coefficients

Standard Error:	3400000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	2.157035	50.0	224753.0	2.157035	Y
2	STD5 460-871531/5	5.0	9.867566	50.0	230153.0	1.973513	Y
3	STD20 460-871531/6	20.0	45.542821	50.0	249014.0	2.277141	Y
4	STD50 460-871531/7	50.0	120.876723	50.0	264941.0	2.417534	Y
5	STD200 460-871531/8	200.0	480.726043	50.0	282311.0	2.40363	Y
6	STD500 460-871531/9	500.0	1193.398119	50.0	296620.0	2.386796	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

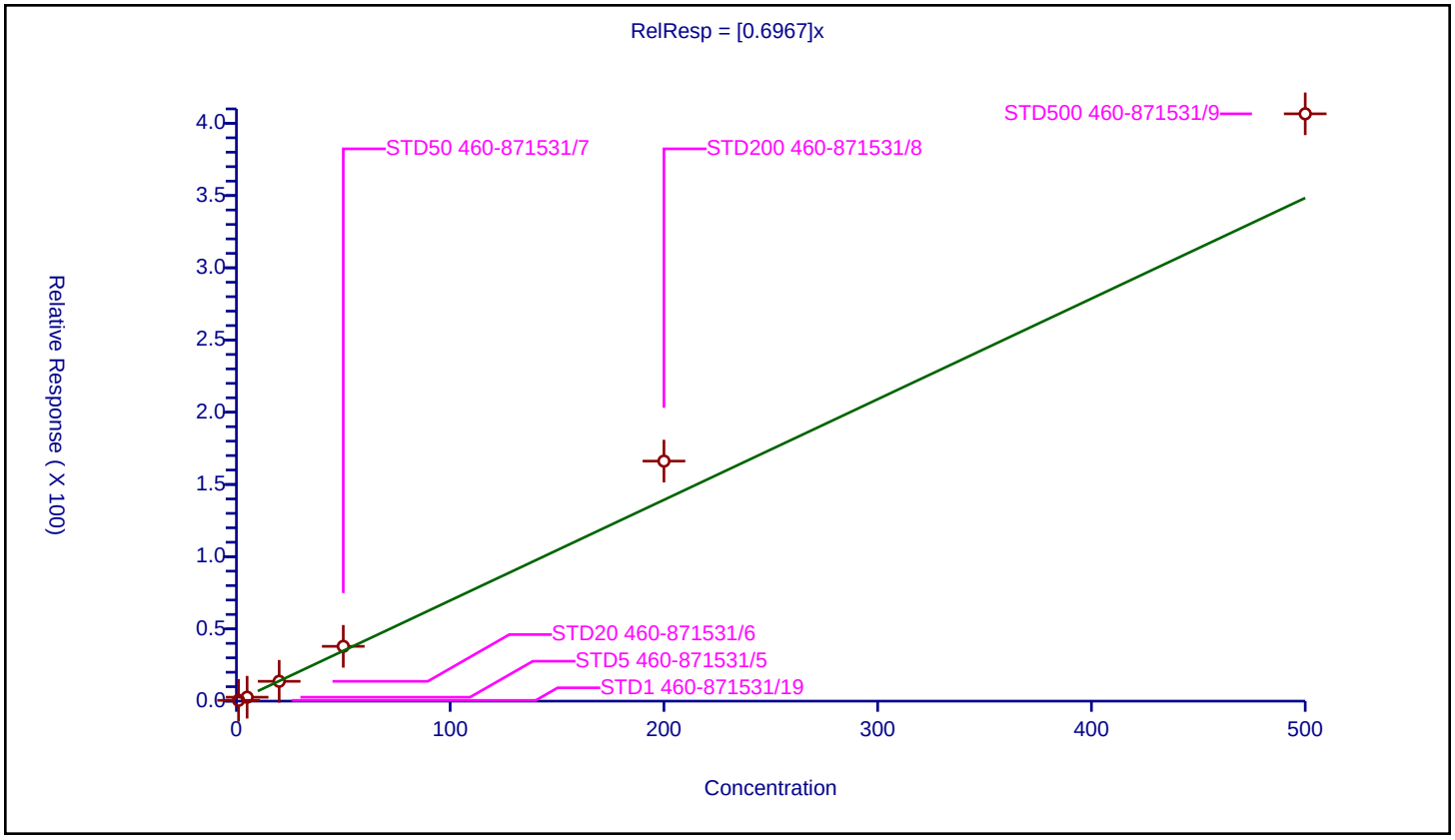
Curve Coefficients

Intercept:	0
Slope:	0.6967

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	18.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.547935	50.0	224753.0	0.547935	Y
2	STD5 460-871531/5	5.0	2.712543	50.0	230153.0	0.542509	Y
3	STD20 460-871531/6	20.0	13.736175	50.0	249014.0	0.686809	Y
4	STD50 460-871531/7	50.0	37.935427	50.0	264941.0	0.758709	Y
5	STD200 460-871531/8	200.0	166.181445	50.0	282311.0	0.830907	Y
6	STD500 460-871531/9	500.0	406.595307	50.0	296620.0	0.813191	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

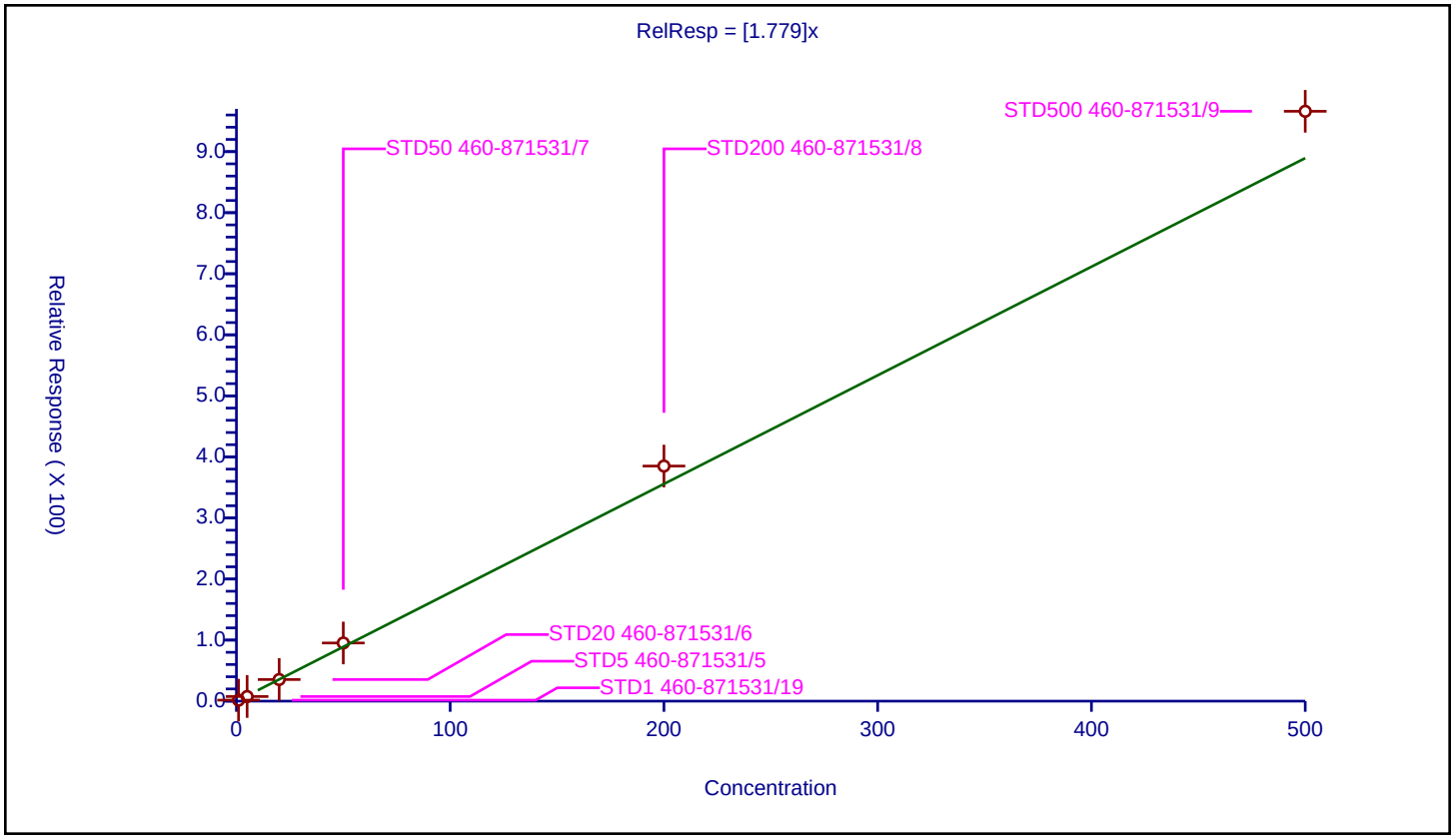
Curve Coefficients

Intercept:	0
Slope:	1.779

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	1.623338	50.0	224753.0	1.623338	Y
2	STD5 460-871531/5	5.0	7.579523	50.0	230153.0	1.515905	Y
3	STD20 460-871531/6	20.0	35.417888	50.0	249014.0	1.770894	Y
4	STD50 460-871531/7	50.0	95.245923	50.0	264941.0	1.904918	Y
5	STD200 460-871531/8	200.0	385.033881	50.0	282311.0	1.925169	Y
6	STD500 460-871531/9	500.0	966.065336	50.0	296620.0	1.932131	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

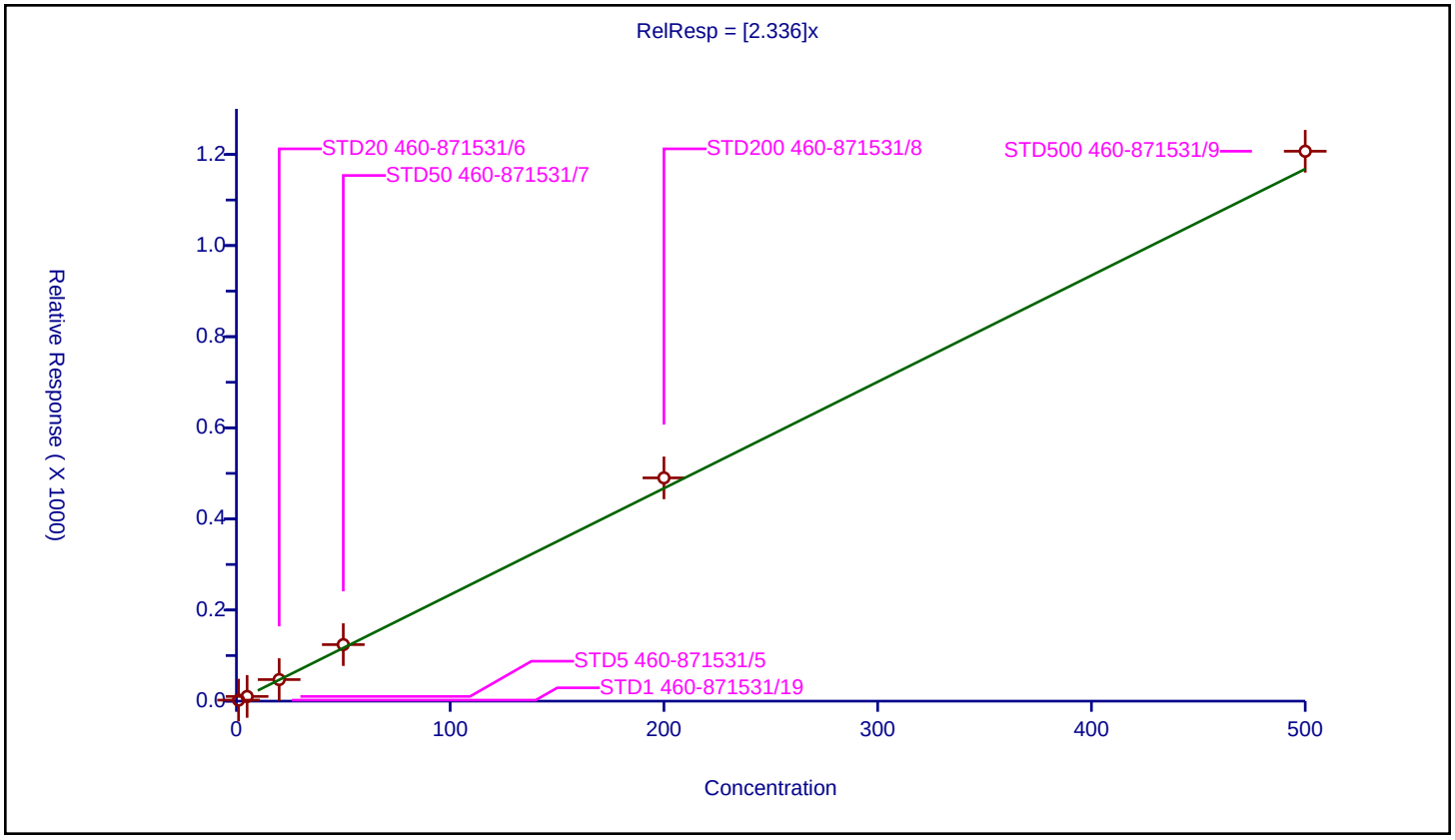
Curve Coefficients

Intercept:	0
Slope:	2.336

Error Coefficients

Standard Error:	3450000
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	STD1 460-871531/19	1.0	2.236233	50.0	224753.0	2.236233	Y
2	STD5 460-871531/5	5.0	10.339209	50.0	230153.0	2.067842	Y
3	STD20 460-871531/6	20.0	47.329267	50.0	249014.0	2.366463	Y
4	STD50 460-871531/7	50.0	124.07536	50.0	264941.0	2.481507	Y
5	STD200 460-871531/8	200.0	490.082037	50.0	282311.0	2.45041	Y
6	STD500 460-871531/9	500.0	1207.050266	50.0	296620.0	2.414101	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

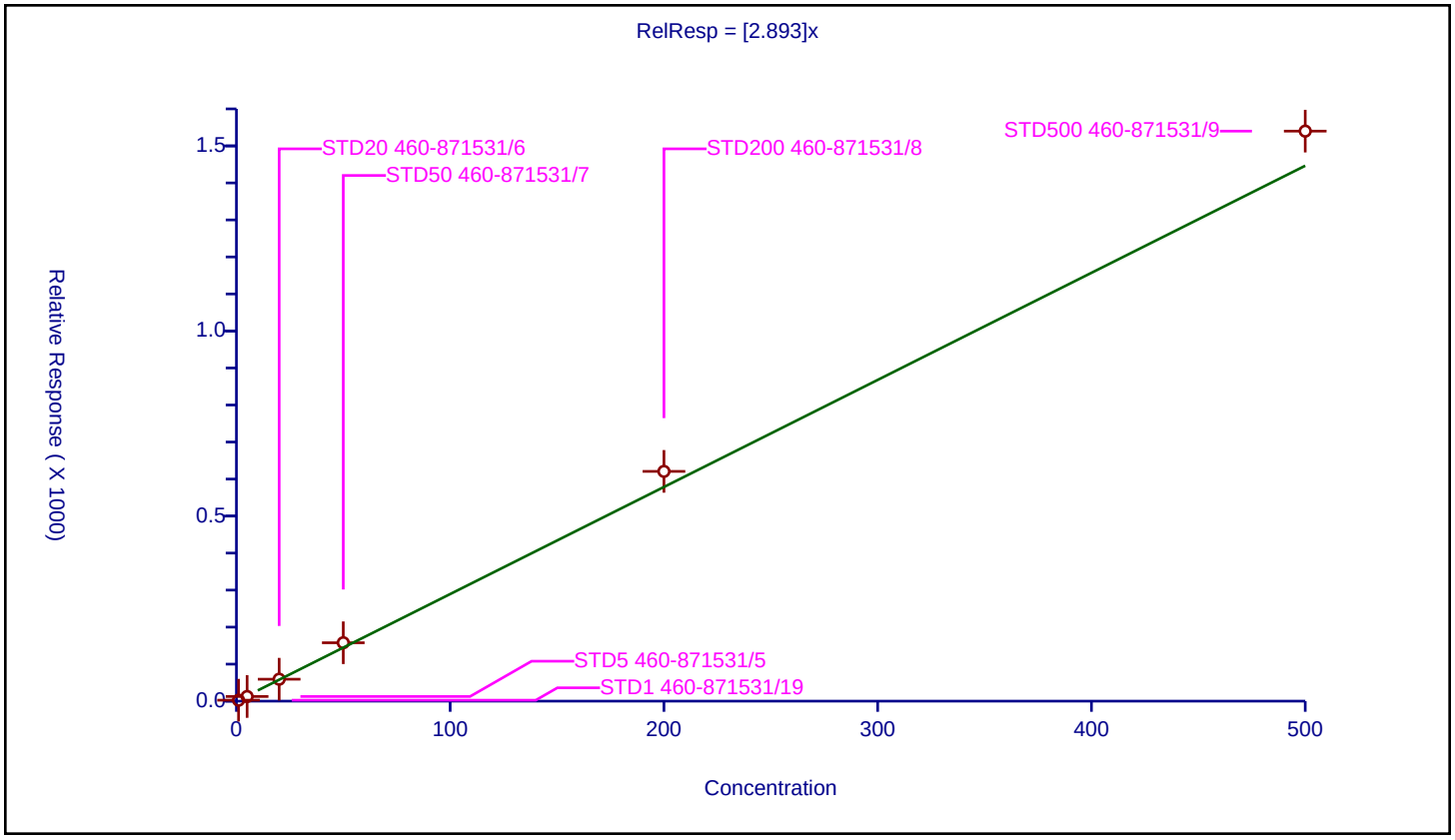
Curve Coefficients

Intercept:	0
Slope:	2.893

Error Coefficients

Standard Error:	4390000
Relative Standard Error:	10.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	2.540344	50.0	224753.0	2.540344	Y
2	STD5 460-871531/5	5.0	12.576634	50.0	230153.0	2.515327	Y
3	STD20 460-871531/6	20.0	59.23683	50.0	249014.0	2.961842	Y
4	STD50 460-871531/7	50.0	157.78513	50.0	264941.0	3.155703	Y
5	STD200 460-871531/8	200.0	620.719349	50.0	282311.0	3.103597	Y
6	STD500 460-871531/9	500.0	1539.902232	50.0	296620.0	3.079804	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

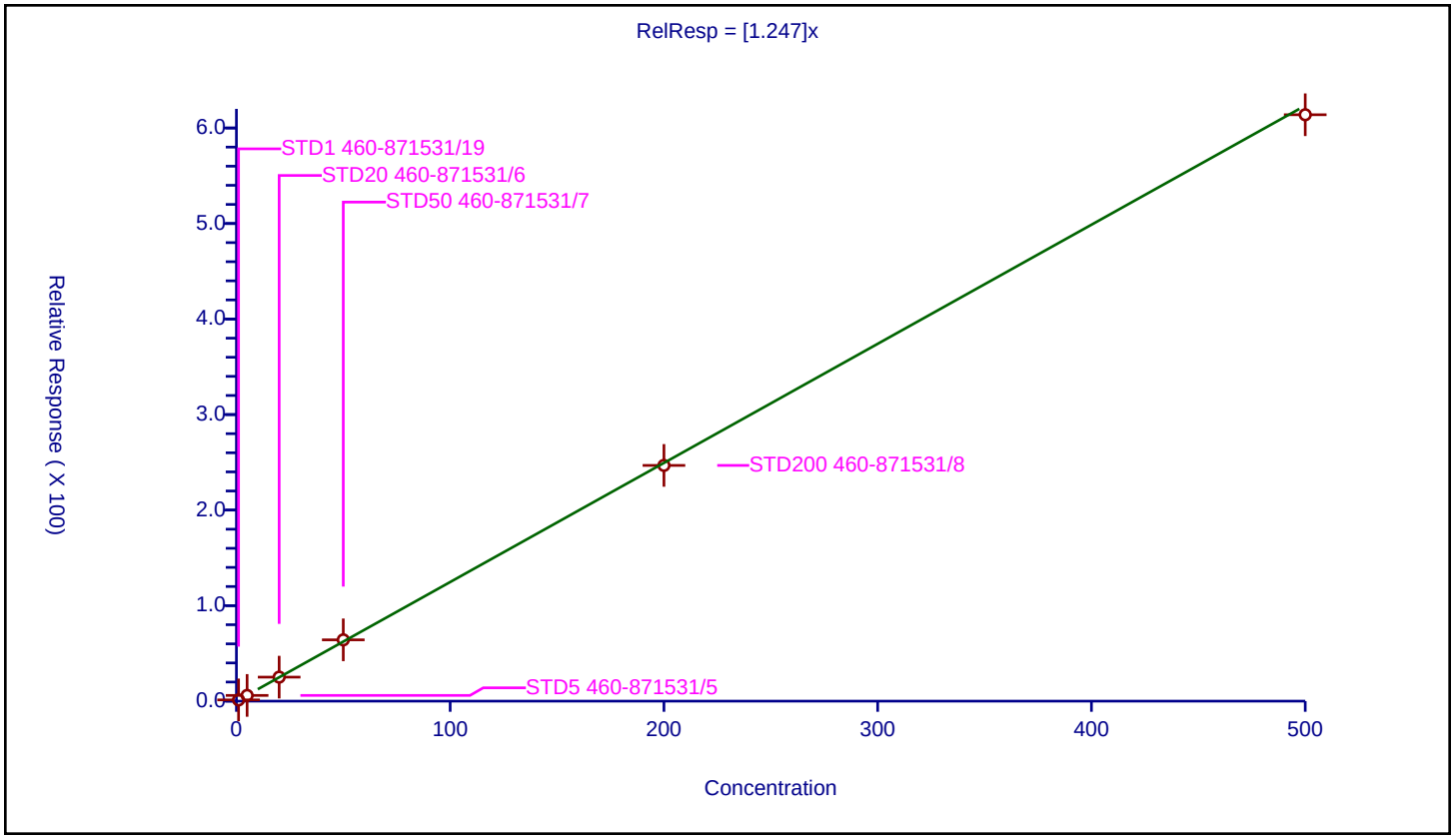
Curve Coefficients

Intercept:	0
Slope:	1.247

Error Coefficients

Standard Error:	1750000
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	STD1 460-871531/19	1.0	1.282964	50.0	224753.0	1.282964	Y
2	STD5 460-871531/5	5.0	5.981239	50.0	230153.0	1.196248	Y
3	STD20 460-871531/6	20.0	25.141558	50.0	249014.0	1.257078	Y
4	STD50 460-871531/7	50.0	64.165229	50.0	264941.0	1.283305	Y
5	STD200 460-871531/8	200.0	246.781386	50.0	282311.0	1.233907	Y
6	STD500 460-871531/9	500.0	613.854427	50.0	296620.0	1.227709	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

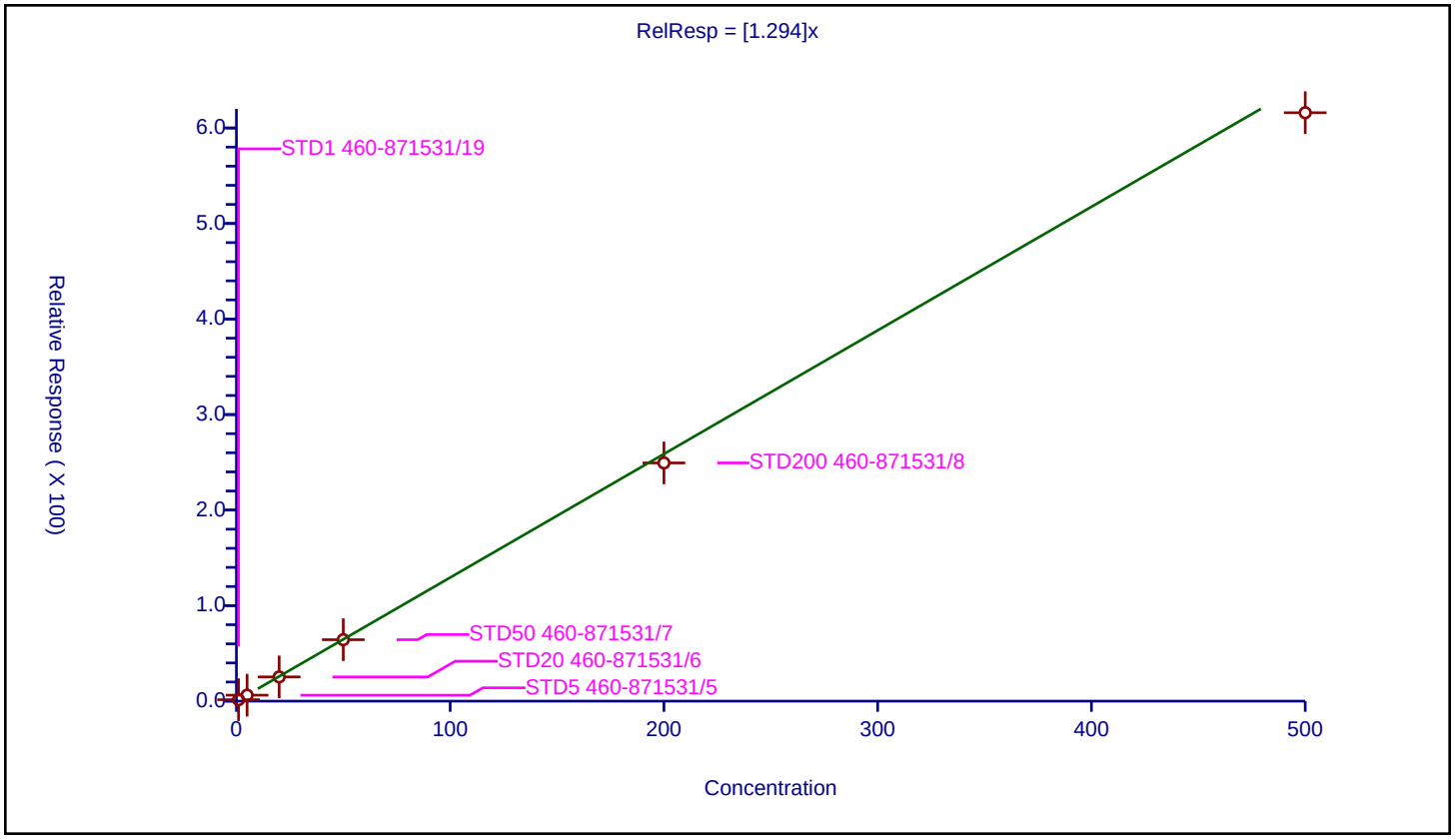
Curve Coefficients

Intercept:	0
Slope:	1.294

Error Coefficients

Standard Error:	1760000
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	STD1 460-871531/19	1.0	1.482071	50.0	224753.0	1.482071	Y
2	STD5 460-871531/5	5.0	6.240197	50.0	230153.0	1.248039	Y
3	STD20 460-871531/6	20.0	25.352189	50.0	249014.0	1.267609	Y
4	STD50 460-871531/7	50.0	64.299787	50.0	264941.0	1.285996	Y
5	STD200 460-871531/8	200.0	249.376397	50.0	282311.0	1.246882	Y
6	STD500 460-871531/9	500.0	615.993864	50.0	296620.0	1.231988	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

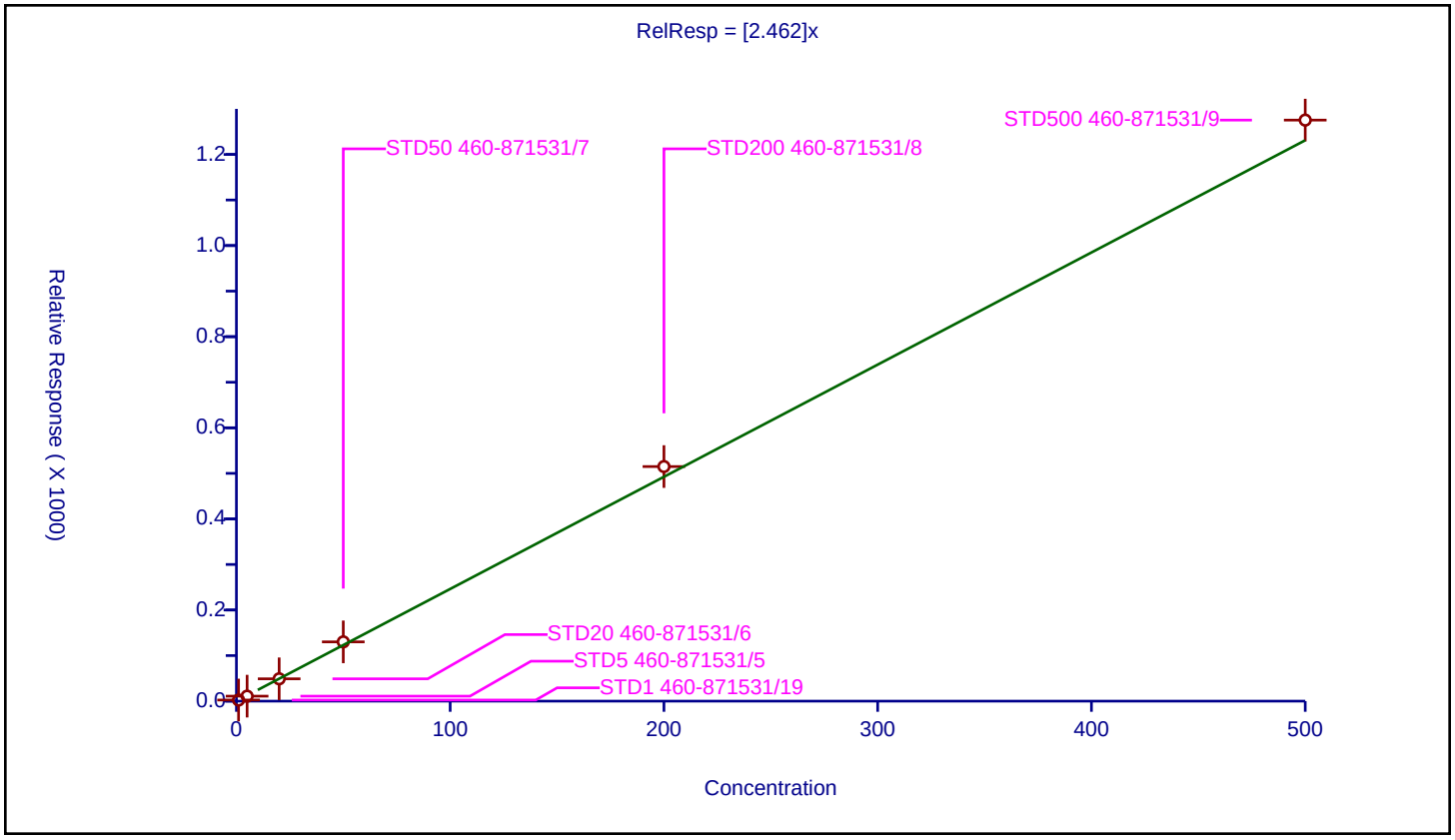
Curve Coefficients

Intercept:	0
Slope:	2.462

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	2.397743	50.0	224753.0	2.397743	Y
2	STD5 460-871531/5	5.0	10.98378	50.0	230153.0	2.196756	Y
3	STD20 460-871531/6	20.0	49.022143	50.0	249014.0	2.451107	Y
4	STD50 460-871531/7	50.0	130.085	50.0	264941.0	2.6017	Y
5	STD200 460-871531/8	200.0	514.911215	50.0	282311.0	2.574556	Y
6	STD500 460-871531/9	500.0	1275.366799	50.0	296620.0	2.550734	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

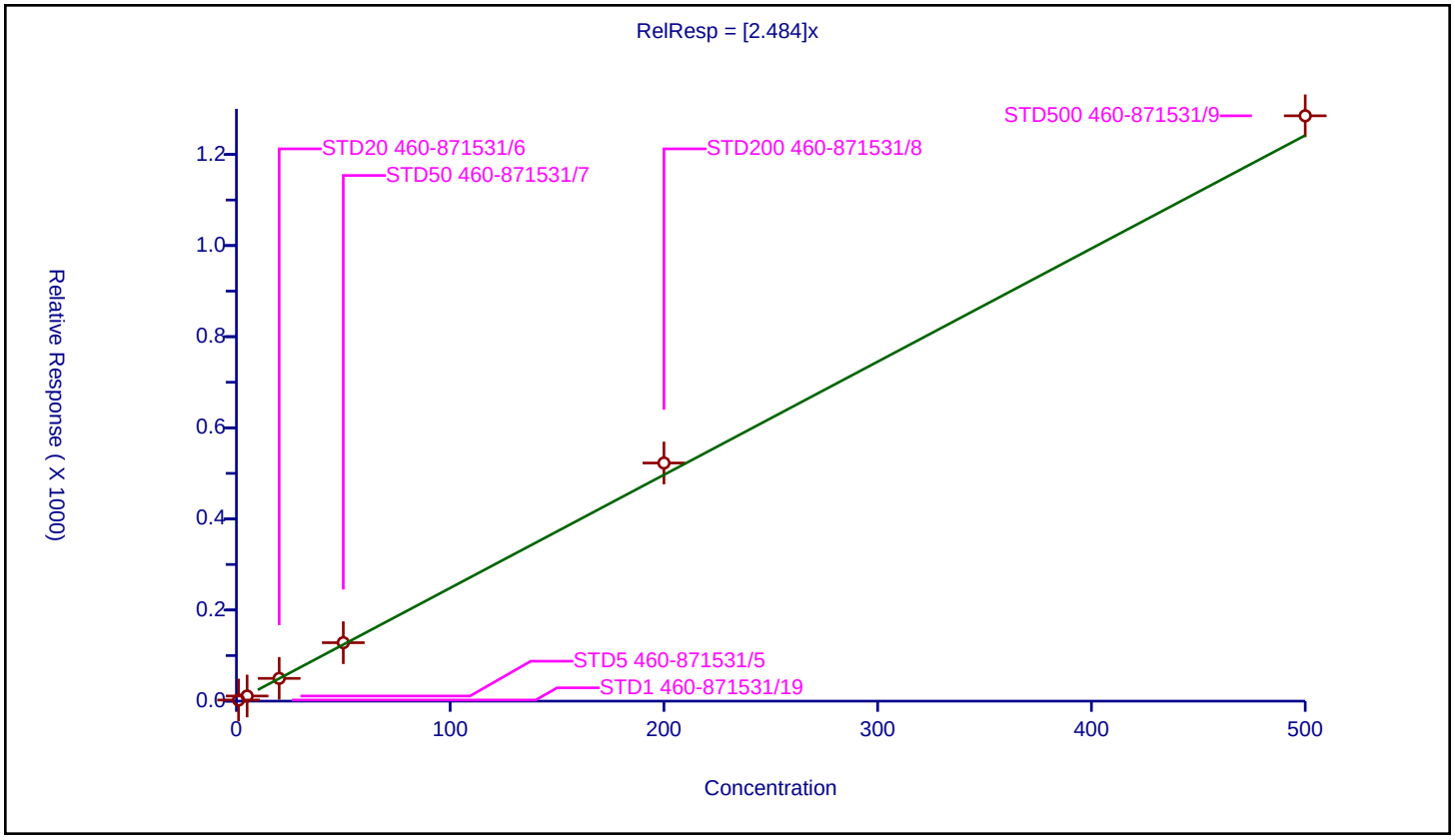
Curve Coefficients

Intercept:	0
Slope:	2.484

Error Coefficients

Standard Error:	3670000
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	STD1 460-871531/19	1.0	2.399968	50.0	224753.0	2.399968	Y
2	STD5 460-871531/5	5.0	11.280539	50.0	230153.0	2.256108	Y
3	STD20 460-871531/6	20.0	49.94157	50.0	249014.0	2.497078	Y
4	STD50 460-871531/7	50.0	128.32291	50.0	264941.0	2.566458	Y
5	STD200 460-871531/8	200.0	522.715551	50.0	282311.0	2.613578	Y
6	STD500 460-871531/9	500.0	1284.851325	50.0	296620.0	2.569703	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

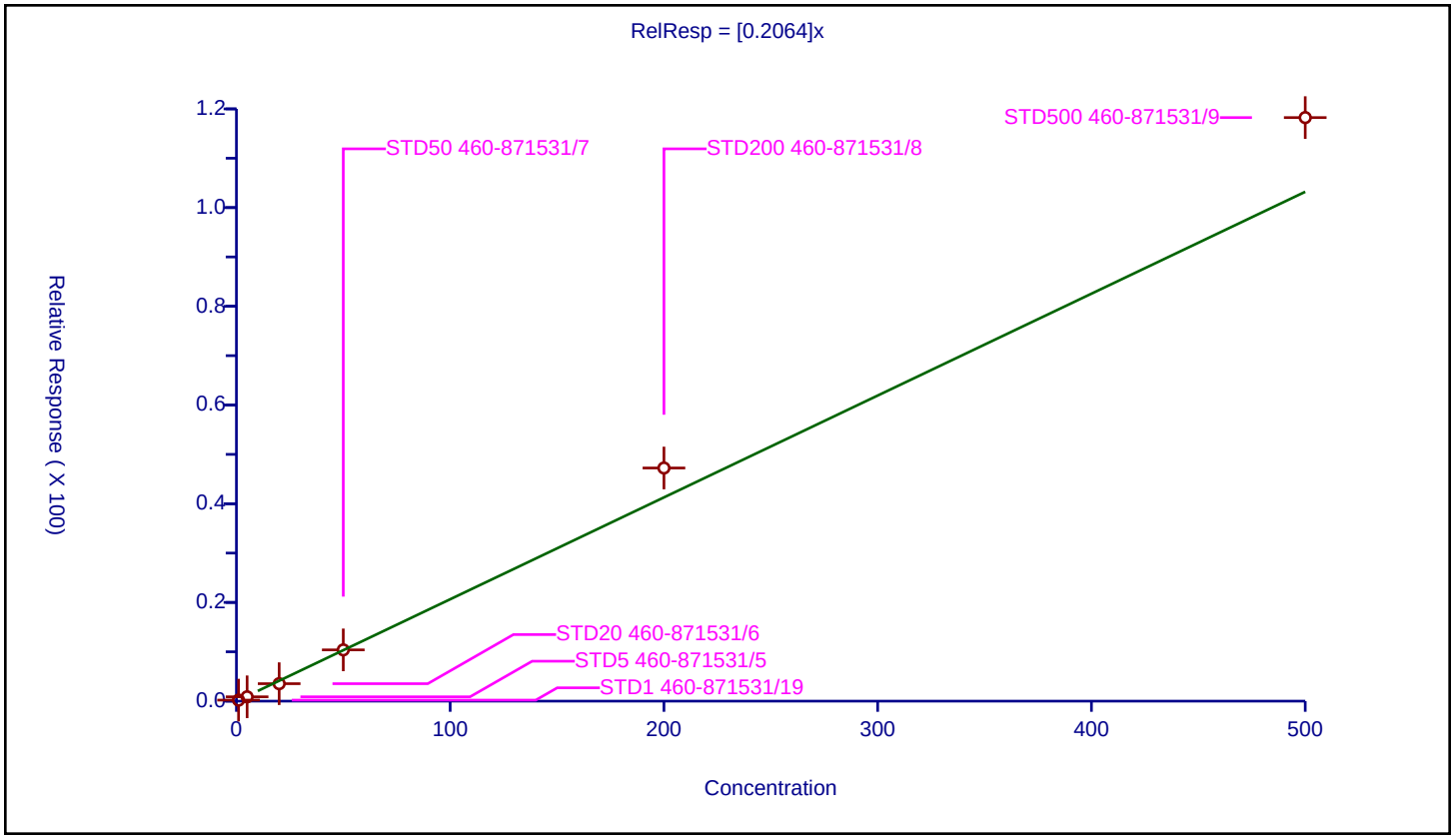
Curve Coefficients

Intercept:	0
Slope:	0.2064

Error Coefficients

Standard Error:	337000
Relative Standard Error:	13.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.205559	50.0	224753.0	0.205559	Y
2	STD5 460-871531/5	5.0	0.877677	50.0	230153.0	0.175535	Y
3	STD20 460-871531/6	20.0	3.537954	50.0	249014.0	0.176898	Y
4	STD50 460-871531/7	50.0	10.386275	50.0	264941.0	0.207725	Y
5	STD200 460-871531/8	200.0	47.237444	50.0	282311.0	0.236187	Y
6	STD500 460-871531/9	500.0	118.236464	50.0	296620.0	0.236473	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

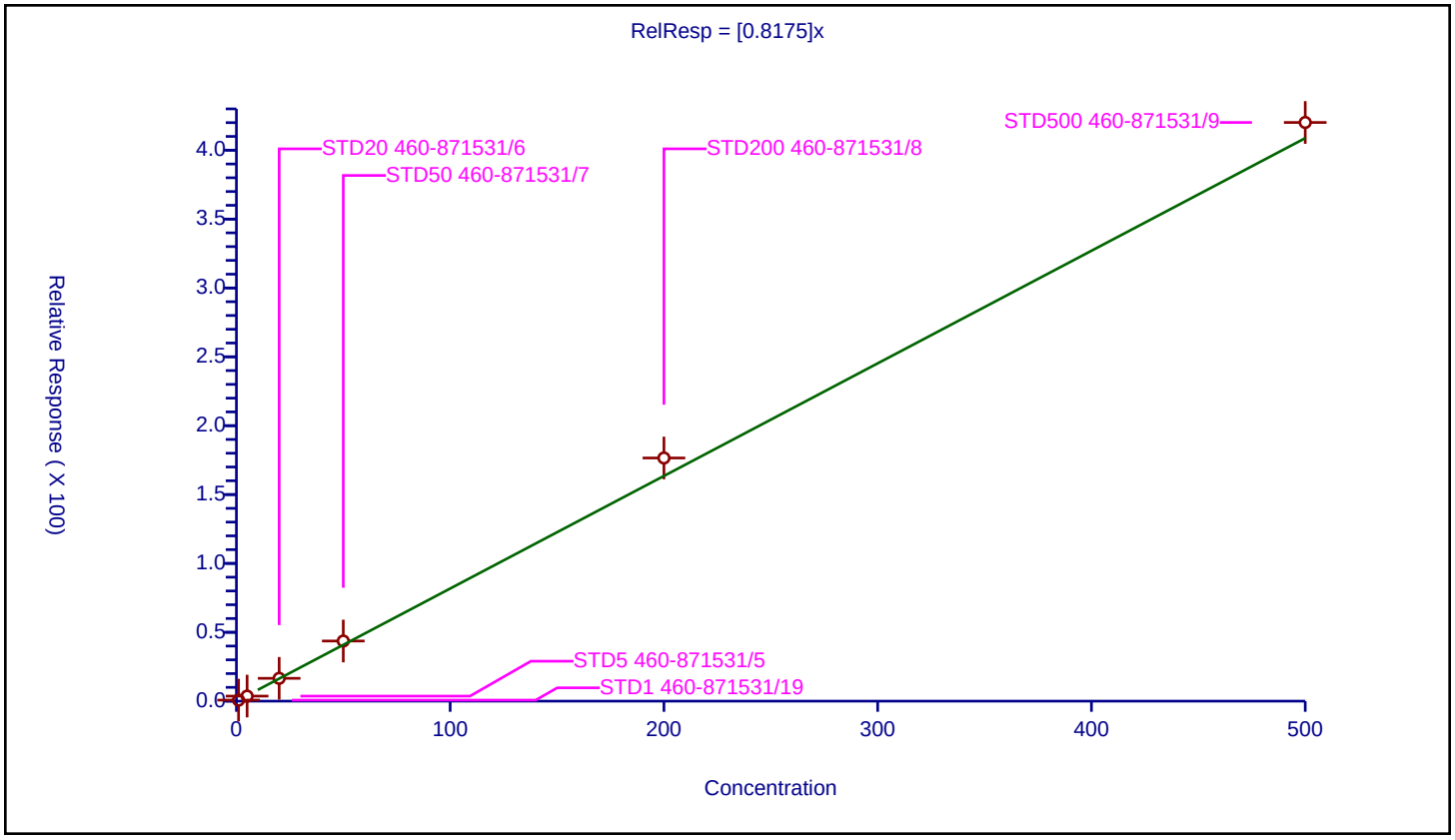
Curve Coefficients

Intercept:	0
Slope:	0.8175

Error Coefficients

Standard Error:	3320000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.746978	50.0	643794.0	0.746978	Y
2	STD5 460-871531/5	5.0	3.667921	50.0	665636.0	0.733584	Y
3	STD20 460-871531/6	20.0	16.565568	50.0	701787.0	0.828278	Y
4	STD50 460-871531/7	50.0	43.650737	50.0	727801.0	0.873015	Y
5	STD200 460-871531/8	200.0	176.535026	50.0	779547.0	0.882675	Y
6	STD500 460-871531/9	500.0	420.145612	50.0	817379.0	0.840291	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

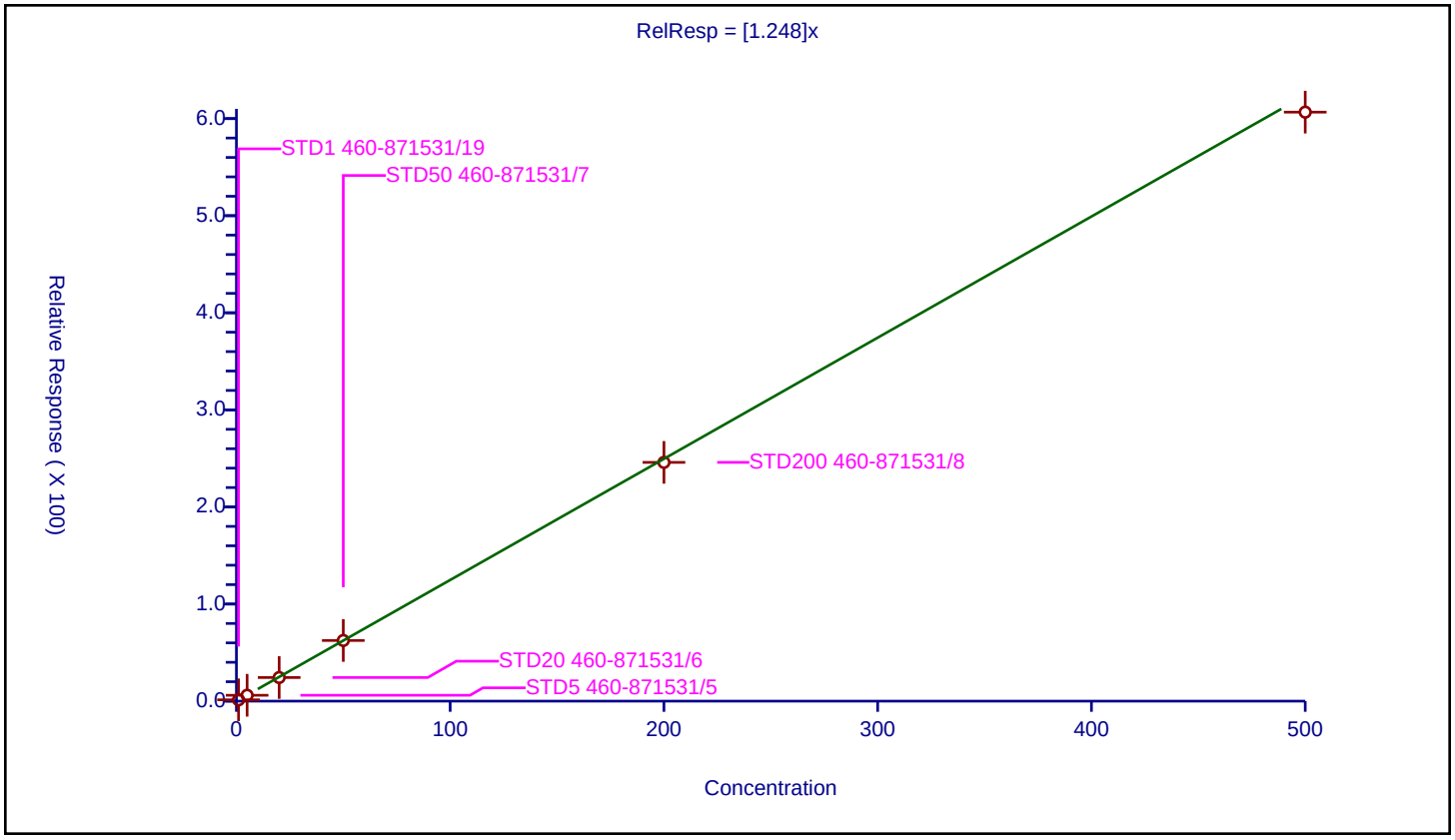
Curve Coefficients

Intercept:	0
Slope:	1.248

Error Coefficients

Standard Error:	1730000
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	STD1 460-871531/19	1.0	1.370171	50.0	224753.0	1.370171	Y
2	STD5 460-871531/5	5.0	6.042285	50.0	230153.0	1.208457	Y
3	STD20 460-871531/6	20.0	24.323331	50.0	249014.0	1.216167	Y
4	STD50 460-871531/7	50.0	62.48259	50.0	264941.0	1.249652	Y
5	STD200 460-871531/8	200.0	245.905579	50.0	282311.0	1.229528	Y
6	STD500 460-871531/9	500.0	606.658856	50.0	296620.0	1.213318	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

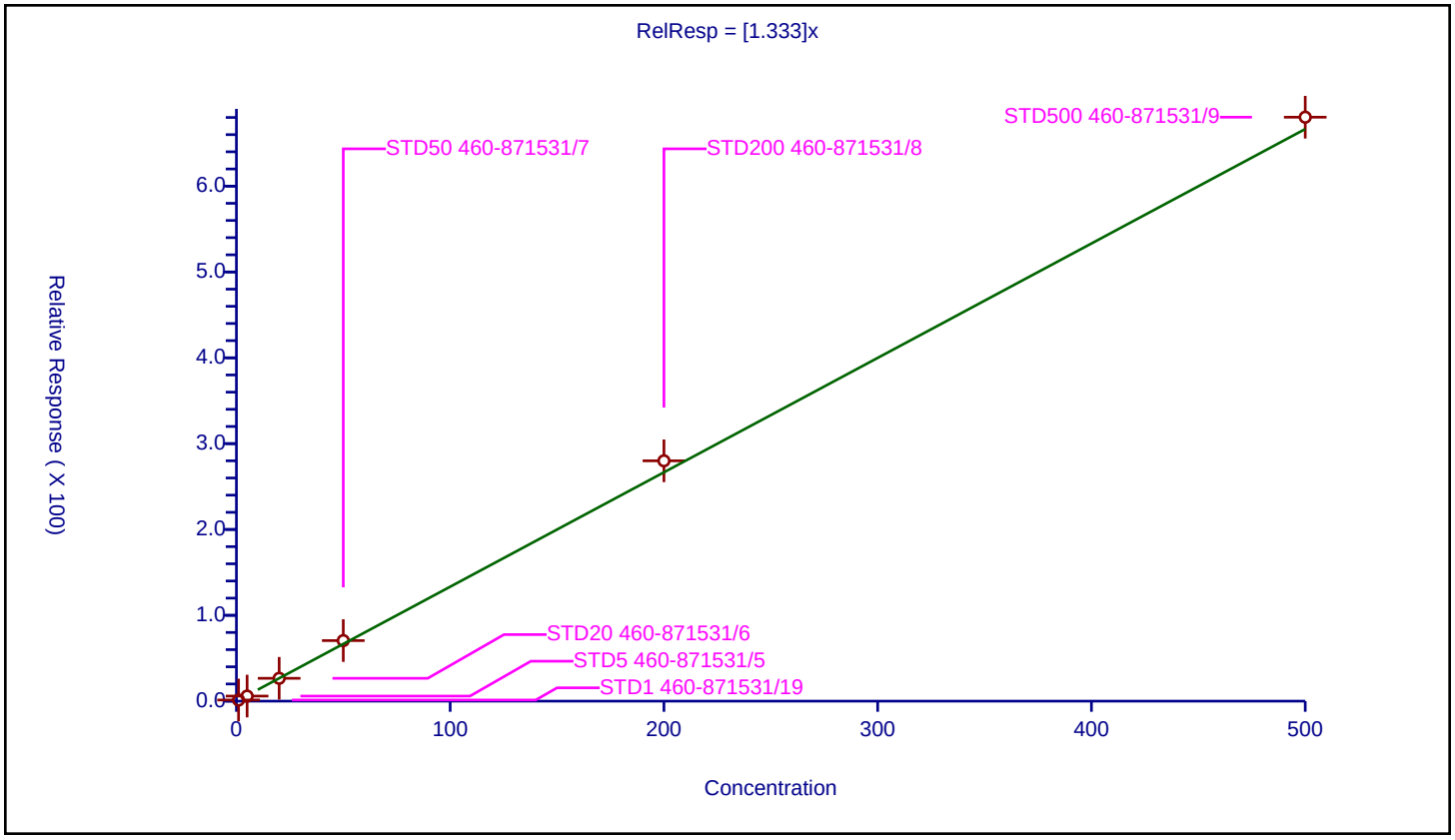
Curve Coefficients

Intercept:	0
Slope:	1.333

Error Coefficients

Standard Error:	1950000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	1.31233	50.0	224753.0	1.31233	Y
2	STD5 460-871531/5	5.0	5.914327	50.0	230153.0	1.182865	Y
3	STD20 460-871531/6	20.0	26.623403	50.0	249014.0	1.33117	Y
4	STD50 460-871531/7	50.0	70.541555	50.0	264941.0	1.410831	Y
5	STD200 460-871531/8	200.0	279.99954	50.0	282311.0	1.399998	Y
6	STD500 460-871531/9	500.0	680.307127	50.0	296620.0	1.360614	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

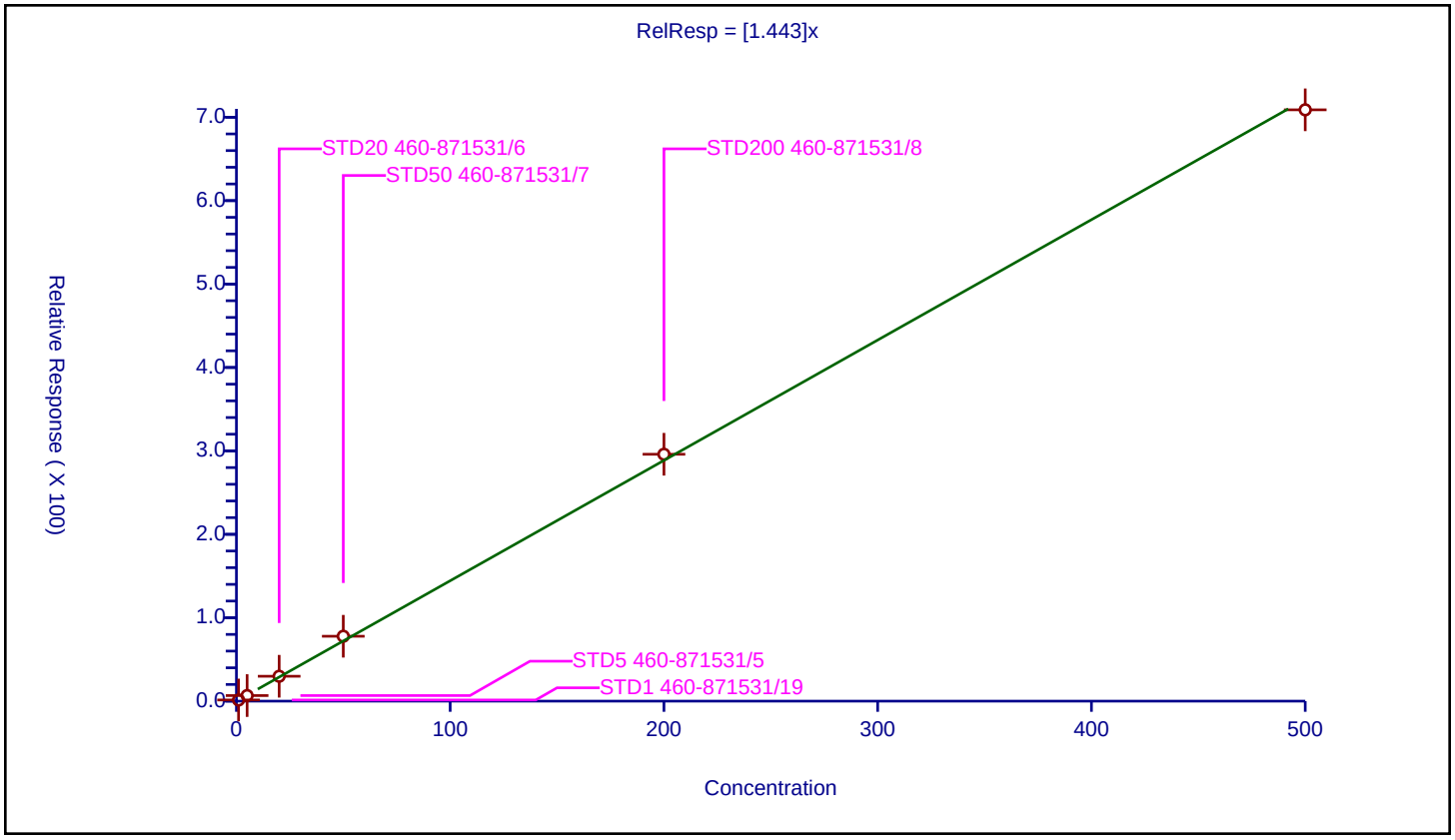
Curve Coefficients

Intercept:	0
Slope:	1.443

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	1.37462	50.0	224753.0	1.37462	Y
2	STD5 460-871531/5	5.0	6.687073	50.0	230153.0	1.337415	Y
3	STD20 460-871531/6	20.0	29.837077	50.0	249014.0	1.491854	Y
4	STD50 460-871531/7	50.0	77.801284	50.0	264941.0	1.556026	Y
5	STD200 460-871531/8	200.0	295.981559	50.0	282311.0	1.479908	Y
6	STD500 460-871531/9	500.0	708.886454	50.0	296620.0	1.417773	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

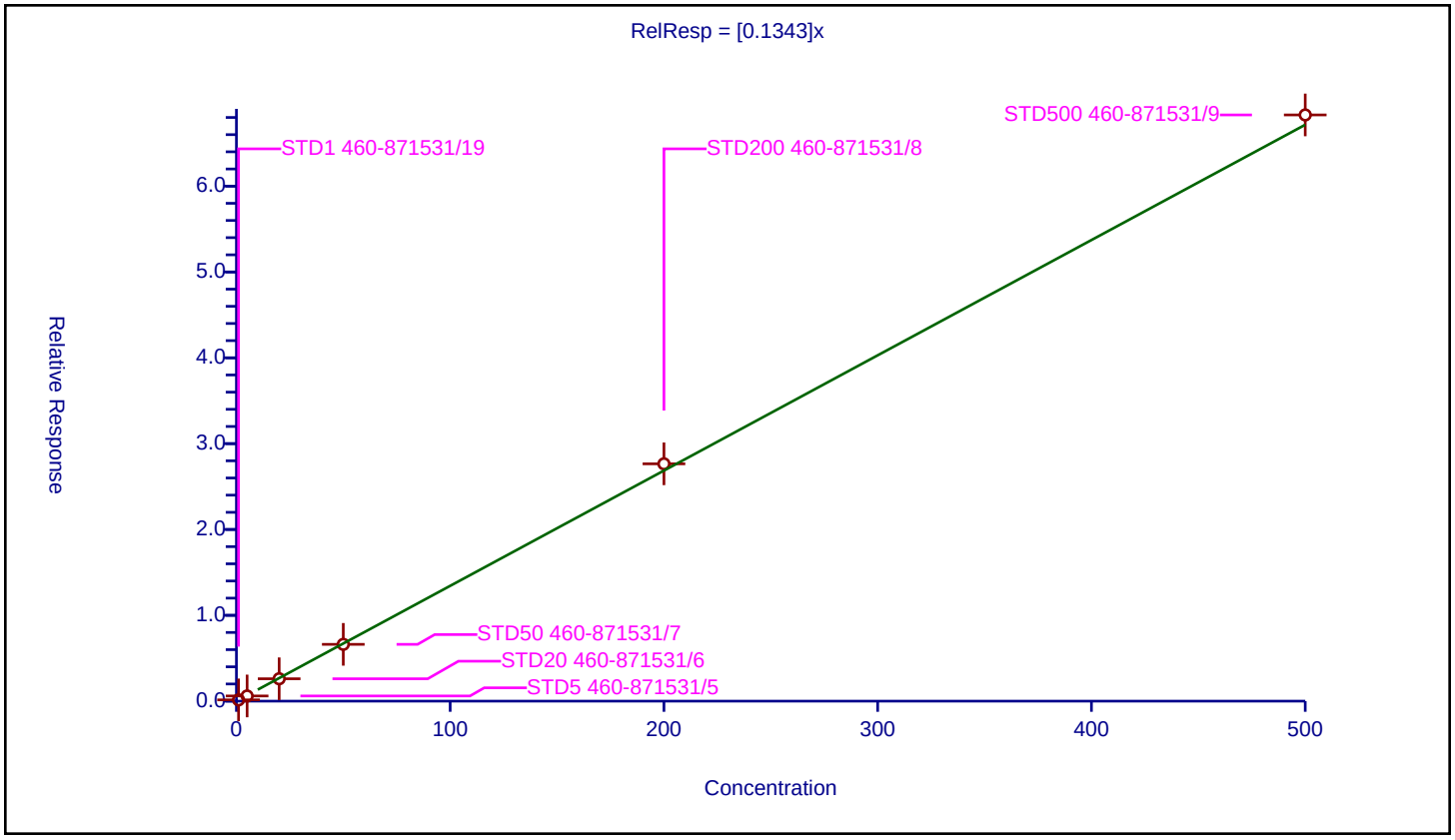
Curve Coefficients

Intercept:	0
Slope:	0.1343

Error Coefficients

Standard Error:	195000
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	STD1 460-871531/19	1.0	0.147718	50.0	224753.0	0.147718	Y
2	STD5 460-871531/5	5.0	0.602643	50.0	230153.0	0.120529	Y
3	STD20 460-871531/6	20.0	2.607685	50.0	249014.0	0.130384	Y
4	STD50 460-871531/7	50.0	6.616379	50.0	264941.0	0.132328	Y
5	STD200 460-871531/8	200.0	27.649117	50.0	282311.0	0.138246	Y
6	STD500 460-871531/9	500.0	68.294451	50.0	296620.0	0.136589	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

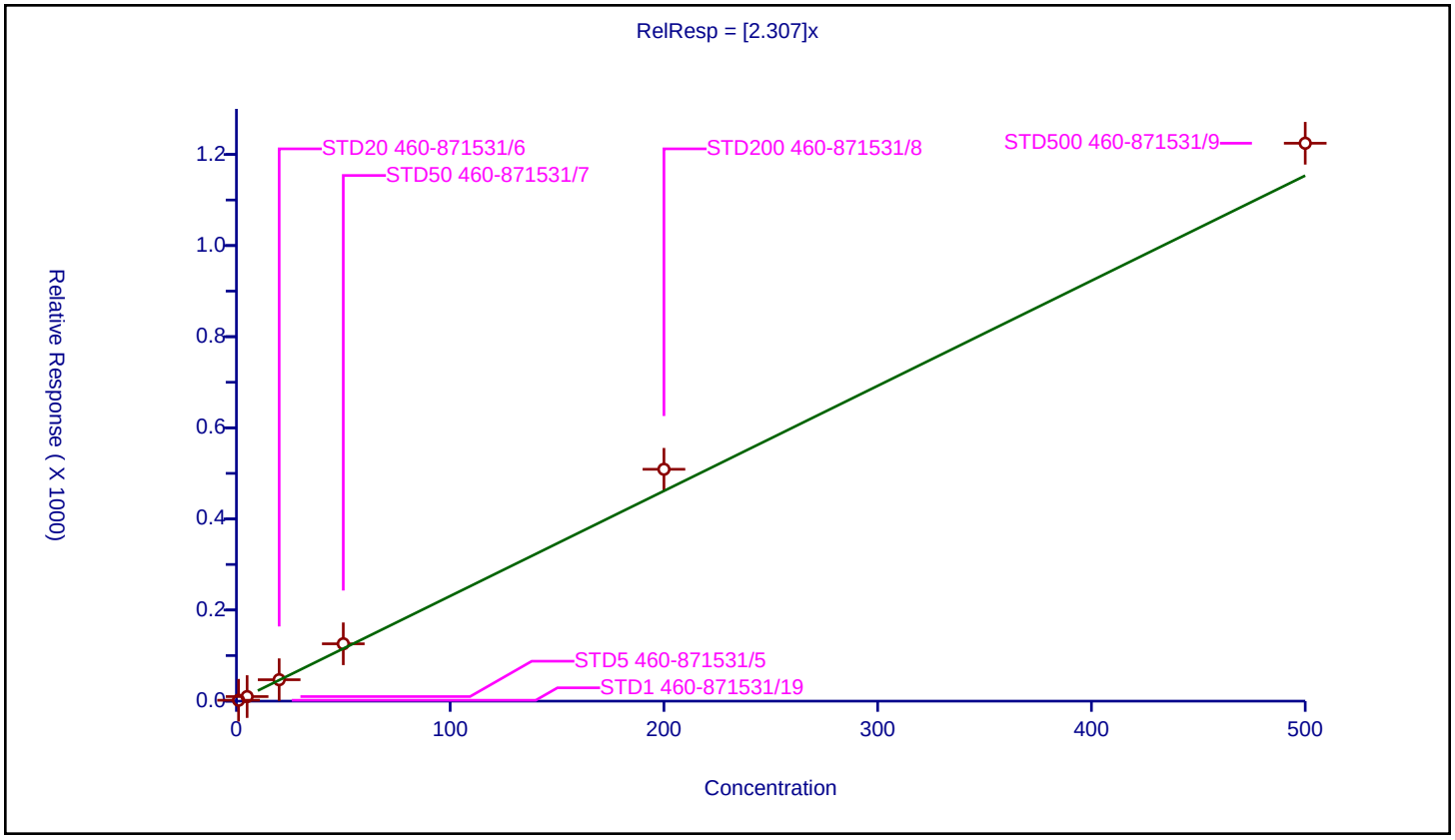
Curve Coefficients

Intercept:	0
Slope:	2.307

Error Coefficients

Standard Error:	3510000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	1.9735	50.0	224753.0	1.9735	Y
2	STD5 460-871531/5	5.0	10.030936	50.0	230153.0	2.006187	Y
3	STD20 460-871531/6	20.0	47.031291	50.0	249014.0	2.351565	Y
4	STD50 460-871531/7	50.0	125.873496	50.0	264941.0	2.51747	Y
5	STD200 460-871531/8	200.0	508.954132	50.0	282311.0	2.544771	Y
6	STD500 460-871531/9	500.0	1224.577743	50.0	296620.0	2.449155	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

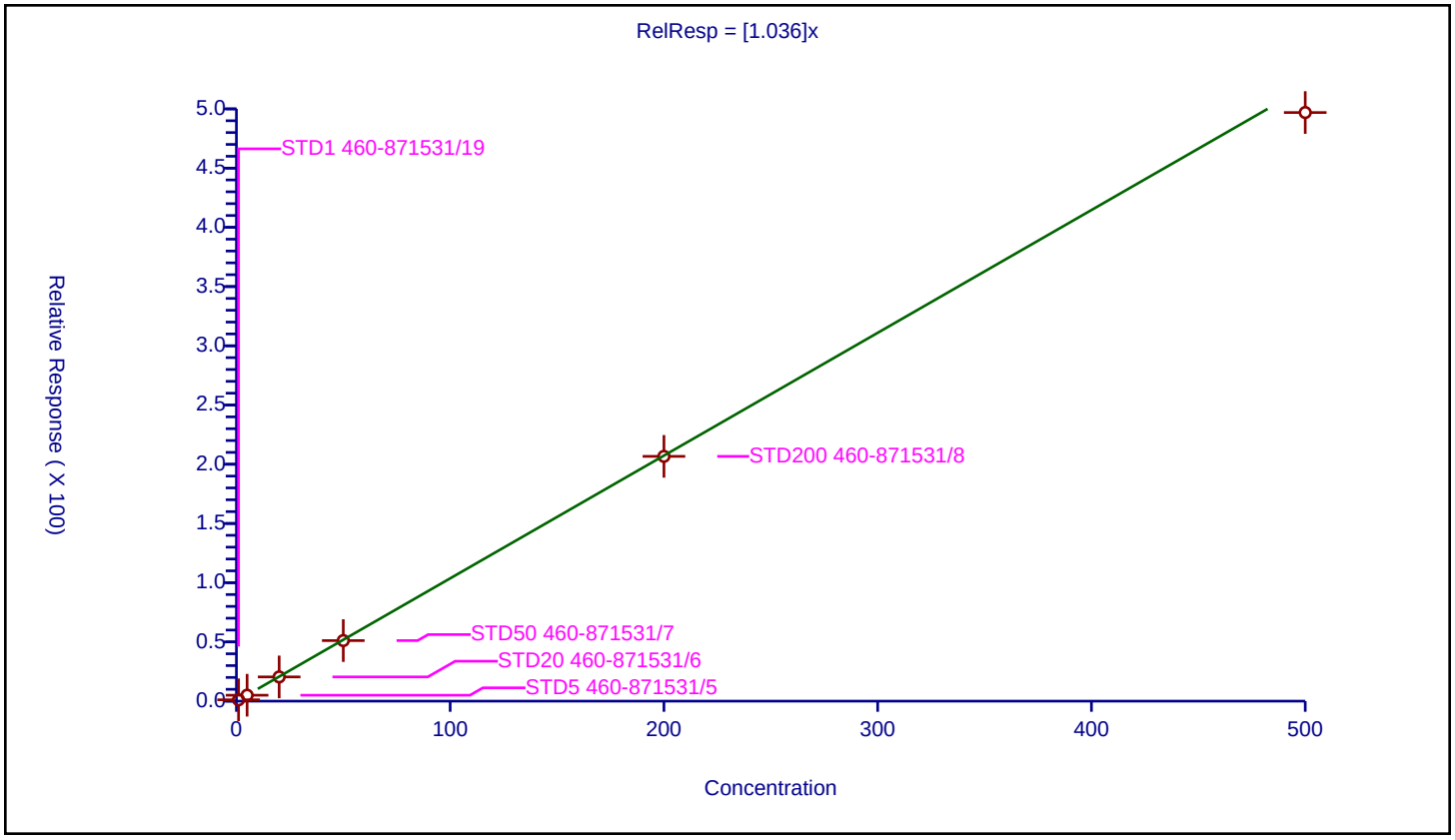
Curve Coefficients

Intercept:	0
Slope:	1.036

Error Coefficients

Standard Error:	1420000
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	STD1 460-871531/19	1.0	1.1437	50.0	224753.0	1.1437	Y
2	STD5 460-871531/5	5.0	5.013621	50.0	230153.0	1.002724	Y
3	STD20 460-871531/6	20.0	20.456882	50.0	249014.0	1.022844	Y
4	STD50 460-871531/7	50.0	51.12459	50.0	264941.0	1.022492	Y
5	STD200 460-871531/8	200.0	206.658083	50.0	282311.0	1.03329	Y
6	STD500 460-871531/9	500.0	496.917268	50.0	296620.0	0.993835	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

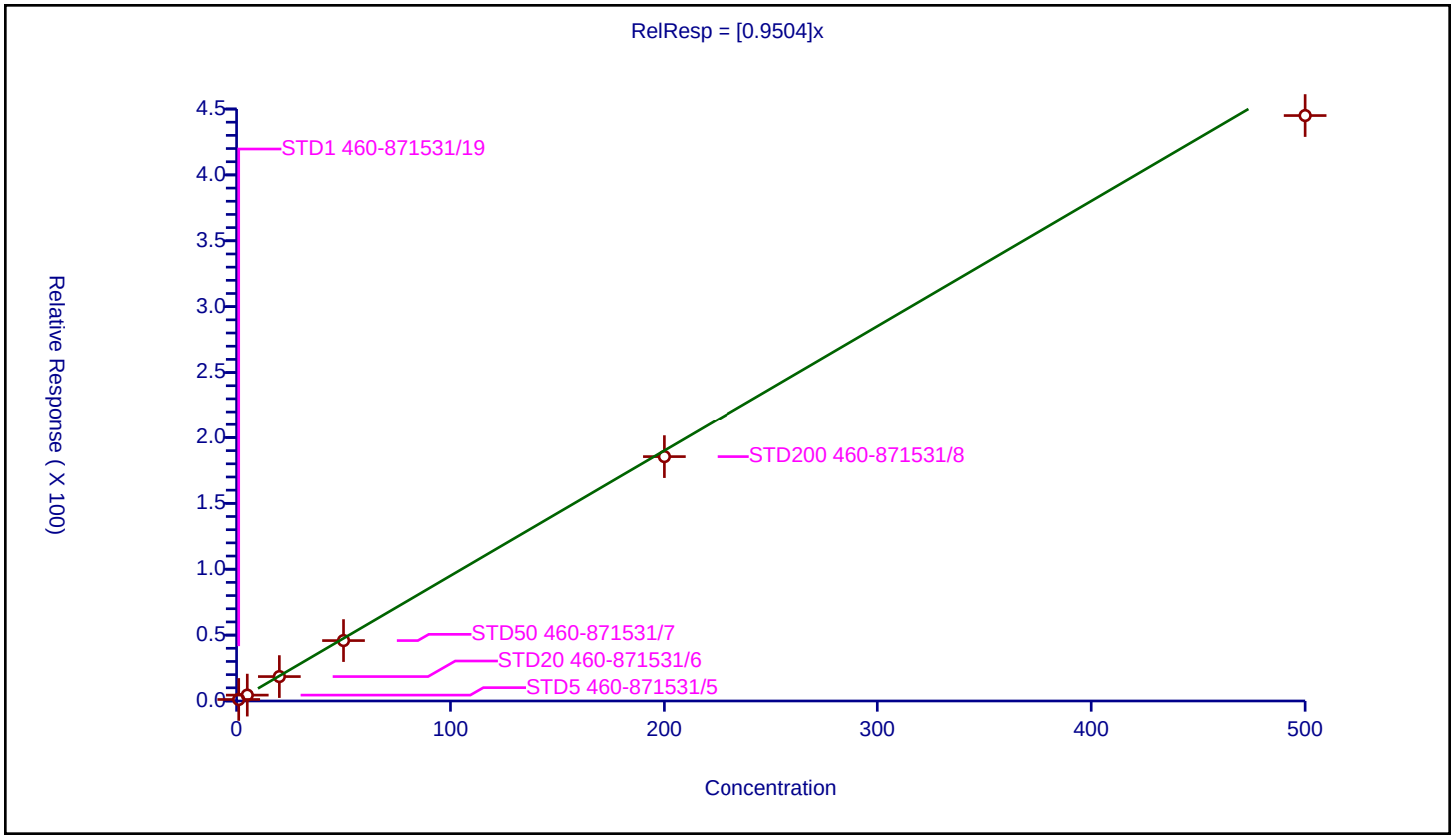
Curve Coefficients

Intercept:	0
Slope:	0.9504

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	1.150374	50.0	224753.0	1.150374	Y
2	STD5 460-871531/5	5.0	4.453342	50.0	230153.0	0.890668	Y
3	STD20 460-871531/6	20.0	18.536106	50.0	249014.0	0.926805	Y
4	STD50 460-871531/7	50.0	45.84851	50.0	264941.0	0.91697	Y
5	STD200 460-871531/8	200.0	185.454694	50.0	282311.0	0.927273	Y
6	STD500 460-871531/9	500.0	445.045513	50.0	296620.0	0.890091	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

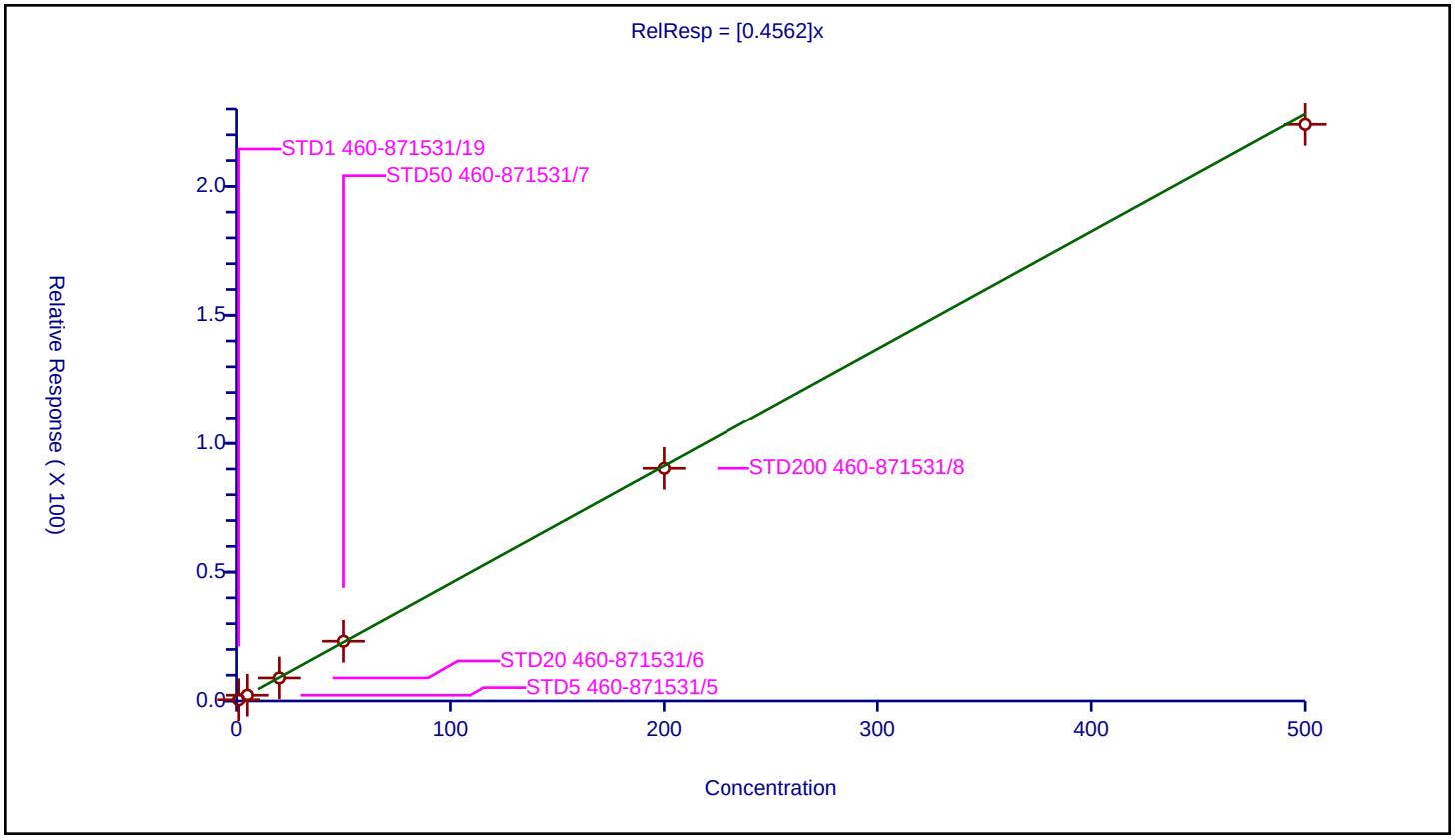
Curve Coefficients

Intercept:	0
Slope:	0.4562

Error Coefficients

Standard Error:	639000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-871531/19	1.0	0.481417	50.0	224753.0	0.481417	Y
2	STD5 460-871531/5	5.0	2.231559	50.0	230153.0	0.446312	Y
3	STD20 460-871531/6	20.0	8.928213	50.0	249014.0	0.446411	Y
4	STD50 460-871531/7	50.0	23.187615	50.0	264941.0	0.463752	Y
5	STD200 460-871531/8	200.0	90.286245	50.0	282311.0	0.451431	Y
6	STD500 460-871531/9	500.0	224.070865	50.0	296620.0	0.448142	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

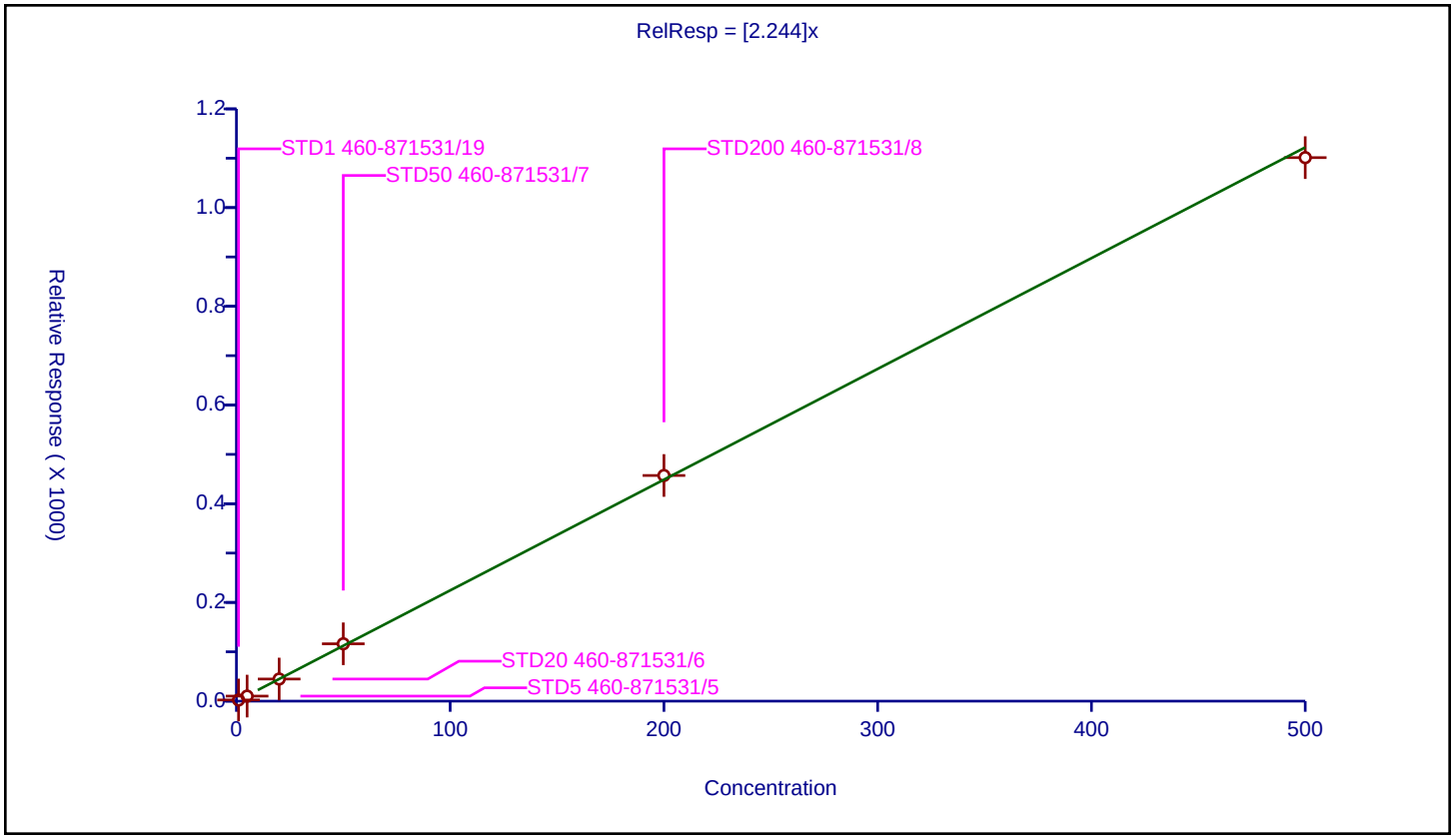
Curve Coefficients

Intercept:	0
Slope:	2.244

Error Coefficients

Standard Error:	3150000
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	STD1 460-871531/19	1.0	2.362816	50.0	224753.0	2.362816	Y
2	STD5 460-871531/5	5.0	10.233844	50.0	230153.0	2.046769	Y
3	STD20 460-871531/6	20.0	44.833624	50.0	249014.0	2.241681	Y
4	STD50 460-871531/7	50.0	116.195115	50.0	264941.0	2.323902	Y
5	STD200 460-871531/8	200.0	457.213321	50.0	282311.0	2.286067	Y
6	STD500 460-871531/9	500.0	1101.245702	50.0	296620.0	2.202491	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

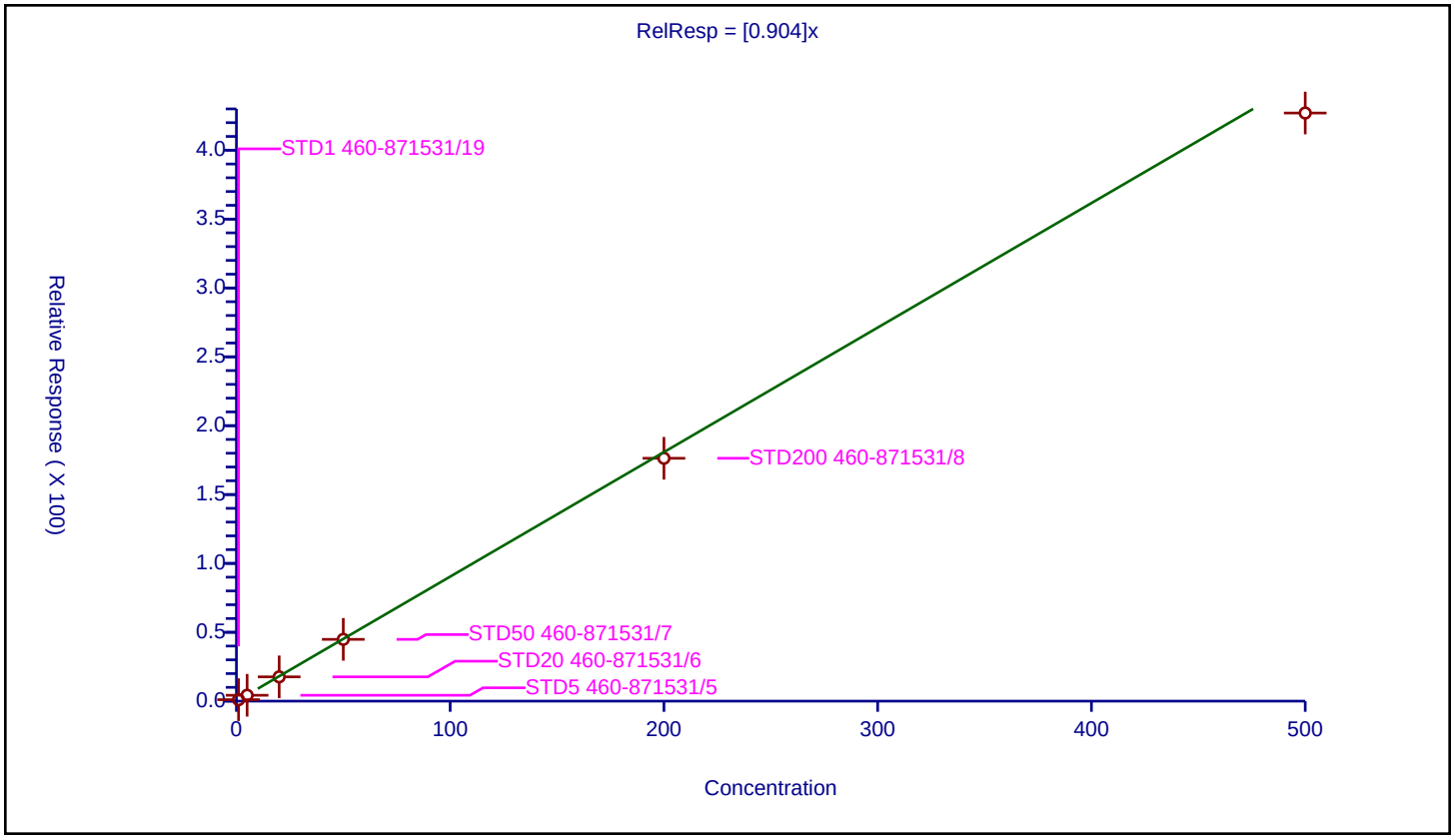
Curve Coefficients

Intercept:	0
Slope:	0.904

Error Coefficients

Standard Error:	1220000
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	STD1 460-871531/19	1.0	1.056048	50.0	224753.0	1.056048	Y
2	STD5 460-871531/5	5.0	4.271941	50.0	230153.0	0.854388	Y
3	STD20 460-871531/6	20.0	17.618889	50.0	249014.0	0.880944	Y
4	STD50 460-871531/7	50.0	44.85961	50.0	264941.0	0.897192	Y
5	STD200 460-871531/8	200.0	176.329651	50.0	282311.0	0.881648	Y
6	STD500 460-871531/9	500.0	426.996494	50.0	296620.0	0.853993	Y



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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-872315/3	D99203.D
Level 2	STD5 460-872315/4	D99204.D
Level 3	STD20 460-872315/5	D99205.D
Level 4	STD50 460-872315/6	D99206.D
Level 5	STD200 460-872315/7	D99207.D
Level 6	STD500 460-872315/8	D99208.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.3555 0.3233	0.2941	0.3551	0.3265	0.3295	Ave		0.3307				6.9		20.0			
Dichlorodifluoromethane	0.8522 0.9076	0.7515	0.8465	0.8073	0.8999	Ave		0.8442			0.1000	6.9		20.0			
Chlorodifluoromethane	0.8819 0.6331	0.6668	0.7628	0.7096	0.6730	Ave		0.7212				12.5		20.0			
Chloromethane	0.7497 0.6643	0.6553	0.6449	0.6034	0.6448	Ave		0.6604			0.1000	7.3		20.0			
Vinyl chloride	0.7159 0.7125	0.6658	0.7219	0.6794	0.7448	Ave		0.7067			0.1000	4.1		20.0			
Butadiene	0.7219 0.7149	0.6146	0.7126	0.6726	0.7381	Ave		0.6958				6.5		20.0			
Bromomethane	0.6631 0.2624	0.5057	0.4316	0.3444	0.4371	QuaF		0.5264	-0.000526		0.1000				0.9950		0.9900
Chloroethane	0.3303 0.3672	0.3106	0.3281	0.3239	0.3399	Ave		0.3333			0.1000	5.7		20.0			
Trichlorofluoromethane	0.7591 0.8453	0.6985	0.7884	0.7463	0.8232	Ave		0.7768			0.1000	6.9		20.0			
Dichlorofluoromethane	0.9051 0.8890	0.8051	0.8217	0.7966	0.8497	Ave		0.8445				5.3		20.0			
Pentane	0.0935 0.1030	0.0800	0.0905	0.0930	0.0927	Ave		0.0921				8.0		20.0			
Ethanol	0.1130 0.0640	0.0613	0.0640	0.0643	0.0597	QuaF		0.0578	0.0000003						1.0000		0.9900
Ethyl ether	0.2764 0.2808	0.2390	0.2415	0.2468	0.2604	Ave		0.2575				7.0		20.0			
2-Methyl-1,3-butadiene	0.3659 0.4804	0.3535	0.4216	0.4351	0.4494	Ave		0.4176				11.8		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.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.4488 0.4319	0.3705	0.4341	0.4116	0.4301	Ave		0.4212				6.5		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.6711 0.6846	0.6068	0.6709	0.6454	0.6563	Ave		0.6559				4.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4566 0.5408	0.4442	0.5232	0.5323	0.5171	Ave		0.5024			0.1000	8.2		20.0			
Acrolein	0.0297 0.0316	0.0268	0.0297	0.0285	0.0286	Ave		0.0291				5.5		20.0			
1,1-Dichloroethene	0.4419 0.4453	0.3943	0.4345	0.4336	0.4279	Ave		0.4296			0.1000	4.3		20.0			
Acetone	1.5718 0.8873	0.9587	0.8795	0.8738	0.9566	QuaF		0.9840	-0.000038		0.0500				1.0000		0.9900
Iodomethane	0.1720 0.5942	0.2706	0.5349	0.6425	0.6588	QuaF		0.6908	-0.000192						1.0000		0.9900
Carbon disulfide	1.4988 1.5098	1.3932	1.5381	1.5729	1.4995	Ave		1.5020			0.1000	4.0		20.0			
Isopropyl alcohol	1.0030 0.7047	0.6595	0.6293	0.7083	0.6934	Ave		0.7330				18.5		20.0			
3-Chloro-1-propene	0.2619 0.2658	0.2550	0.2660	0.2722	0.2613	Ave		0.2637				2.2		20.0			
Cyclopentene	1.0332 1.2477	0.9416	1.0996	1.1272	1.1809	Ave		1.1050				9.8		20.0			
Methyl acetate	0.1611 0.1528	0.1286	0.1337	0.1430	0.1511	Ave		0.1450			0.1000	8.5		20.0			
Acetonitrile	0.7968 0.7716	0.6925	0.7529	0.8709	0.7861	Ave		0.7785				7.5		20.0			
Methylene Chloride	0.4596 0.4215	0.3990	0.4116	0.4166	0.4153	Ave		0.4206			0.1000	4.9		20.0			
2-Methyl-2-propanol	2.0005 1.2304	1.2170	1.1687	1.2058	1.2750	QuaF		1.2891	-0.000012						1.0000		0.9900
Methyl tert-butyl ether	0.7990 0.8450	0.7167	0.7589	0.8049	0.8379	Ave		0.7937			0.1000	6.1		20.0			
trans-1,2-Dichloroethene	0.4870 0.4949	0.4454	0.4604	0.4703	0.4711	Ave		0.4715			0.1000	3.8		20.0			
Acrylonitrile	5.4683 4.8044	4.0782	4.2802	4.5666	4.6616	Ave		4.6432				10.4		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.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.5582 0.6861	0.4937	0.6447	0.6787	0.6519	Ave		0.6189				12.3		20.0			
Isopropyl ether	0.9100 1.0804	0.8289	0.9191	0.9742	1.0374	Ave		0.9583				9.6		20.0			
1,1-Dichloroethane	0.7195 0.8071	0.7038	0.7179	0.7389	0.7671	Ave		0.7424			0.2000	5.2		20.0			
Vinyl acetate	0.0475 0.0667	0.0497	0.0530	0.0579	0.0648	Ave		0.0566				14.0		20.0			
2-Chloro-1,3-butadiene	0.3370 0.4763	0.3307	0.3923	0.4074	0.4457	Ave		0.3983				14.5		20.0			
Tert-butyl ethyl ether	0.8054 0.9731	0.7737	0.8341	0.8977	0.9454	Ave		0.8716				9.1		20.0			
2,2-Dichloropropane	0.2196 0.2189	0.2017	0.2072	0.2094	0.2128	Ave		0.2116				3.3		20.0			
cis-1,2-Dichloroethene	0.5004 0.4831	0.4302	0.4414	0.4512	0.4635	Ave		0.4616			0.1000	5.7		20.0			
2-Butanone (MEK)	0.4820 0.3794	0.3415	0.3442	0.3717	0.3971	Ave		0.3860			0.0500	13.4		20.0			
Ethyl acetate	0.4173 0.3680	0.2956	0.3539	0.3748	0.3719	Ave		0.3636				10.9		20.0			
Methyl acrylate	0.1946 0.1773	0.1552	0.1508	0.1658	0.1716	Ave		0.1692				9.4		20.0			
Propionitrile	0.4462 0.3782	0.3654	0.3799	0.3935	0.3864	Ave		0.3916				7.2		20.0			
Chlorobromomethane	0.2104 0.1900	0.1903	0.1874	0.1953	0.1932	Ave		0.1944				4.3		20.0			
Tetrahydrofuran	0.3006 0.3831	0.3118	0.3668	0.3771	0.4010	Ave		0.3567				11.5		20.0			
Methacrylonitrile	0.0909 0.1074	0.0777	0.0803	0.0878	0.0997	Ave		0.0906				12.5		20.0			
Chloroform	0.7200 0.7642	0.6524	0.6786	0.7136	0.7421	Ave		0.7118			0.2000	5.7		20.0			
Cyclohexane	0.5741 0.7056	0.5355	0.6415	0.6678	0.6597	Ave		0.6307			0.1000	10.1		20.0			
1,1,1-Trichloroethane	0.5857 0.7337	0.5848	0.6482	0.6745	0.6929	Ave		0.6533			0.1000	9.1		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 Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.5523 0.6430	0.5324	0.5980	0.6270	0.6219	Ave		0.5958			0.1000	7.4		20.0			
1,1-Dichloropropene	0.5098 0.5846	0.5025	0.5709	0.5967	0.5741	Ave		0.5565				7.2		20.0			
Isobutyl alcohol	0.6820 1.3161	0.7386	0.9736	1.0631	1.2078	QuaF		1.1187	0.0000158						1.0000		0.9900
Benzene	1.8654 1.9931	1.7197	1.9358	2.0886	1.9951	Ave		1.9329			0.5000	6.6		20.0			
Tert-amyl methyl ether	0.2233 0.2809	0.1977	0.2179	0.2382	0.2608	Ave		0.2365				12.8		20.0			
Isopropyl acetate	0.1292 0.1421	0.1081	0.1120	0.1224	0.1326	Ave		0.1244				10.3		20.0			
1,2-Dichloroethane	0.4466 0.4230	0.3684	0.3762	0.3931	0.4131	Ave		0.4034			0.1000	7.4		20.0			
n-Heptane	0.5780 0.5865	0.4584	0.5573	0.5740	0.5510	Ave		0.5509				8.6		20.0			
Trichloroethene	0.3913 0.4484	0.3710	0.4110	0.4199	0.4220	Ave		0.4106			0.2000	6.5		20.0			
n-Butanol	+++++ 0.3168	+++++	0.1537	0.2167	0.2707	Ave		0.2395				29.4	*	20.0			
Methylcyclohexane	0.6097 0.7560	0.5625	0.6983	0.7291	0.7081	Ave		0.6773			0.1000	11.1		20.0			
Ethyl acrylate	0.1439 0.2353	0.1435	0.1748	0.1955	0.2213	Qua2	-0.037	0.1762	0.0001348						0.9930		0.9900
1,2-Dichloropropane	0.3025 0.3495	0.3052	0.3199	0.3338	0.3423	Ave		0.3255			0.1000	6.0		20.0			
Methyl methacrylate	0.0543 0.0668	0.0490	0.0531	0.0581	0.0630	Ave		0.0574				11.6		20.0			
1,4-Dioxane	3.0775 1.7328	1.2912	1.3090	1.4224	1.7921	QuaF		1.7643	-0.000003						0.9990		0.9900
Dibromomethane	0.2053 0.2062	0.1827	0.1771	0.1842	0.1970	Ave		0.1921				6.5		20.0			
n-Propyl acetate	0.2669 0.2450	0.1848	0.2119	0.2377	0.2445	Ave		0.2318				12.5		20.0			
Bromodichloromethane	0.4788 0.4783	0.4194	0.4347	0.4554	0.4726	Ave		0.4565			0.2000	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 Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Nitropropane	0.0733 0.0498	0.0487	0.0444	0.0473	0.0498	QuaF		0.0493	0.0000005						1.0000		0.9900
2-Chloroethyl vinyl ether	0.1237 0.1304	0.1142	0.1184	0.1236	0.1265	Ave		0.1228				4.7		20.0			
Epichlorohydrin	0.3216 0.2565	0.2523	0.2570	0.2611	0.2744	Ave		0.2705				9.7		20.0			
cis-1,3-Dichloropropene	0.5896 0.6289	0.5775	0.6421	0.6802	0.6557	Ave		0.6290			0.2000	6.2		20.0			
4-Methyl-2-pentanone (MIBK)	2.9345 2.4429	2.2088	2.3230	2.3429	2.6075	Ave		2.4766			0.0500	10.5		20.0			
Toluene	2.0635 1.9266	1.8324	1.9700	2.0606	2.0125	Ave		1.9776			0.4000	4.5		20.0			
trans-1,3-Dichloropropene	0.5433 0.5119	0.4693	0.5068	0.5627	0.5381	Ave		0.5220			0.1000	6.3		20.0			
Ethyl methacrylate	0.2959 0.2786	0.2561	0.2500	0.2584	0.2865	Ave		0.2709				6.9		20.0			
1,1,2-Trichloroethane	0.2841 0.2525	0.2282	0.2536	0.2717	0.2633	Ave		0.2589			0.1000	7.4		20.0			
Tetrachloroethene	0.5537 0.5767	0.4910	0.5677	0.6113	0.5703	Ave		0.5618			0.2000	7.1		20.0			
1,3-Dichloropropane	0.4622 0.4362	0.4460	0.4714	0.5008	0.4763	Ave		0.4655				4.9		20.0			
2-Hexanone	1.9064 1.5396	1.4562	1.4947	1.5239	1.6946	Ave		1.6026			0.0500	10.6		20.0			
n-Butyl acetate	0.0762 0.0561	0.0618	0.0613	0.0636	0.0608	Ave		0.0633				10.7		20.0			
Dibromochloromethane	0.3617 0.3888	0.3273	0.3827	0.4155	0.4134	Ave		0.3816			0.1000	8.7		20.0			
Ethylene Dibromide	0.2904 0.2686	0.2655	0.2965	0.3126	0.2967	Ave		0.2884			0.1000	6.3		20.0			
Chlorobenzene	1.2481 1.1529	1.1104	1.1613	1.2326	1.2003	Ave		1.1843			0.5000	4.4		20.0			
Ethylbenzene	0.7202 0.7317	0.6065	0.6653	0.7201	0.7139	Ave		0.6930			0.1000	7.0		20.0			
1,1,1,2-Tetrachloroethane	0.4093 0.4622	0.3456	0.4015	0.4423	0.4586	Ave		0.4199				10.5		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.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	0.8254 0.8144	0.7537	0.8111	0.8718	0.8332	Ave		0.8183			0.1000	4.7		20.0			
n-Butyl acrylate	0.2560 0.2172	0.1958	0.1978	0.2169	0.2193	Ave		0.2172				10.0		20.0			
o-Xylene	0.8308 0.8143	0.7052	0.7565	0.8078	0.8310	Ave		0.7909			0.3000	6.3		20.0			
Styrene	1.2495 1.3022	1.1123	1.2191	1.3401	1.3717	Ave		1.2658			0.3000	7.4		20.0			
Amyl acetate (mixed isomers)	0.8506 0.6595	0.6481	0.6645	0.6954	0.7157	Ave		0.7056				10.7		20.0			
Bromoform	0.2366 0.2403	0.1902	0.2202	0.2476	0.2584	Ave		0.2322			0.1000	10.4		20.0			
Isopropylbenzene	2.0941 2.0058	1.8421	2.0525	2.2291	2.1474	Ave		2.0618			0.1000	6.4		20.0			
Bromobenzene	0.9938 0.9225	0.8816	0.8958	0.9316	0.9511	Ave		0.9294				4.3		20.0			
1,1,2,2-Tetrachloroethane	0.6736 0.5802	0.5209	0.5259	0.5627	0.6088	Ave		0.5787			0.3000	9.9		20.0			
N-Propylbenzene	4.7871 4.4866	4.2536	4.6077	4.7913	4.9005	Ave		4.6378				5.2		20.0			
1,2,3-Trichloropropane	0.2160 0.1589	0.1468	0.1535	0.1636	0.1705	Ave		0.1682				14.7		20.0			
trans-1,4-Dichloro-2-butene	0.1422 0.1256	0.1092	0.1211	0.1635	0.1373	Ave		0.1332				14.2		20.0			
4-Ethyltoluene	4.0869 4.2662	3.6432	3.8261	4.0607	4.3945	Ave		4.0463				6.8		20.0			
2-Chlorotoluene	3.0974 3.4061	2.6492	2.8333	3.0398	3.3574	Ave		3.0639				9.6		20.0			
1,3,5-Trimethylbenzene	3.1596 3.4060	2.8778	3.0849	3.2189	3.2967	Ave		3.1740				5.8		20.0			
4-Chlorotoluene	2.8906 2.7250	2.4319	2.5761	2.7139	2.7731	Ave		2.6851				6.0		20.0			
Butyl Methacrylate	0.8179 0.8907	0.7289	0.7874	0.8415	0.8622	Ave		0.8214				7.0		20.0			
tert-Butylbenzene	2.8500 3.0495	2.5342	2.8282	2.9295	3.0127	Ave		2.8674				6.4		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.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	3.2208 3.3613	2.8700	3.0238	3.2258	3.3101	Ave		3.1686				5.9		20.0			
sec-Butylbenzene	4.3280 4.3578	3.8998	4.2685	4.5243	4.5724	Ave		4.3251				5.5		20.0			
4-Isopropyltoluene	3.7301 4.0564	3.3055	3.5751	3.8019	3.9761	Ave		3.7408				7.3		20.0			
1,3-Dichlorobenzene	1.9686 2.0611	1.6441	1.7314	1.8212	1.9466	Ave		1.8622			0.6000	8.5		20.0			
1,4-Dichlorobenzene	2.0537 2.0321	1.6649	1.7247	1.8073	1.9270	Ave		1.8683			0.5000	8.6		20.0			
1,2,3-Trimethylbenzene	3.3484 3.6096	2.7910	2.9176	3.1158	3.4128	Ave		3.1992				9.8		20.0			
Benzyl chloride	0.2516 0.2481	0.1971	0.2271	0.2370	0.2438	Ave		0.2341				8.6		20.0			
Indan	1.4545 1.5049	1.2127	1.2359	1.3244	1.4416	Ave		1.3623				9.0		20.0			
p-Diethylbenzene	2.0954 2.4419	1.8710	2.0089	2.1162	2.2429	Ave		2.1294				9.2		20.0			
n-Butylbenzene	1.8981 2.2700	1.6781	1.8724	2.0303	2.0802	Ave		1.9715				10.3		20.0			
1,2-Dichlorobenzene	1.7061 1.6374	1.4111	1.4674	1.5314	1.5770	Ave		1.5551			0.4000	7.0		20.0			
1,2,4,5-Tetramethylbenzene	3.2567 3.2864	2.6481	2.7722	2.8860	3.1136	Ave		2.9938				8.8		20.0			
1,2-Dibromo-3-Chloropropane	0.1369 0.0951	0.0869	0.0883	0.0939	0.0978	Ave		0.0998			0.0500	18.7		20.0			
1,3,5-Trichlorobenzene	1.4972 1.3974	1.1955	1.1917	1.2285	1.2725	Ave		1.2971				9.6		20.0			
1,2,4-Trichlorobenzene	1.1256 0.8735	0.8662	0.8305	0.8451	0.8264	Ave		0.8945			0.2000	12.8		20.0			
Hexachlorobutadiene	0.7432 0.7447	0.6079	0.6454	0.6619	0.6680	Ave		0.6785				8.1		20.0			
Naphthalene	1.9227 1.1370	1.2508	1.1355	1.2023	1.1553	Qua	0.5601	1.1665	-0.000061						1.0000		0.9900
1,2,3-Trichlorobenzene	0.9418 0.6195	0.6333	0.5994	0.6331	0.5987	Ave		0.6710				19.9		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.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	0.3455 0.3539	0.3583	0.3474	0.3509	0.3494	Ave		0.3509				1.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2731 0.3641	0.2812	0.2764	0.2871	0.3119	Ave		0.2990				11.6		20.0			
Toluene-d8 (Surr)	1.4317 1.3127	1.4897	1.4804	1.5173	1.3979	Ave		1.4383				5.2		20.0			
Bromofluorobenzene	0.8170 0.7171	0.8599	0.8291	0.8344	0.7894	Ave		0.8078				6.2		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-872315/3	D99203.D
Level 2	STD5 460-872315/4	D99204.D
Level 3	STD20 460-872315/5	D99205.D
Level 4	STD50 460-872315/6	D99206.D
Level 5	STD200 460-872315/7	D99207.D
Level 6	STD500 460-872315/8	D99208.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	3232 2253562	13514	72158	178025	828530	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	7747 6326452	34535	171994	440176	2262598	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	8017 4412551	30642	154986	386901	1692061	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6816 4630160	30112	131024	328989	1621225	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6508 4966194	30597	146674	370447	1872689	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	6563 4983266	28243	144788	366738	1855980	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	6028 1828758	23239	87689	187783	1098974	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3003 2559227	14271	66664	176617	854723	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6901 5892282	32100	160195	406921	2069860	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	8228 6196253	36999	166964	434327	2136457	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1700 1435205	7353	36759	101458	466087	2.00 1000	10.0	40.0	100	400
Ethanol	TBAd9	QuaF	662 278177	1812	7920	21312	95458	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	2513 1956987	10984	49071	134544	654768	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	3326 3348290	16246	85663	237255	1129911	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	4080 3010133	17024	88193	224444	1081495	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	6101 4771923	27883	136322	351934	1650253	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4151 3769547	20413	106316	290254	1300181	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	27015 264056	49188	90583	124107	179785	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	4017 3103730	18120	88278	236433	1075932	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	QuaF	4275 2058678	13429	53332	147107	771774	5.00 2500	25.0	100	250	1000
Iodomethane	FB	QuaF	1564 4141902	12435	108693	350342	1656496	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	13626 10523376	64021	312517	857643	3770392	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	1469 765255	4871	19475	58733	277383	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	2381 1852829	11718	54042	148446	656967	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	9393 8696997	43271	223418	614634	2969239	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2929 2129942	11817	54315	155927	760079	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	1167 837927	5115	23300	72216	314474	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	4178 2938049	18337	83638	227135	1044117	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Methyl-2-propanol	TBAd9	QuaF	2930 1336143	8989	36167	99987	510054	10.0 5000	50.0	200	500	2000
Methyl tert-butyl ether	FB	Ave	7264 5890043	32933	154207	438888	2106733	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4427 3449525	20470	93539	256418	1184608	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBAd9	Ave	8009 5217231	30122	132456	378664	1864823	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	5075 4782110	22688	130986	370093	1639054	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	8273 7530739	38089	186752	531188	2608352	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6541 5625471	32341	145874	402866	1928880	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	863 929740	4571	21541	63148	325752	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	3064 3320226	15196	79717	222132	1120769	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	7322 6783030	35555	169477	489454	2376972	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1996 1525520	9269	42108	114198	535171	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4549 3367052	19771	89685	246025	1165303	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1311 880331	4783	20870	62585	320380	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	454 341582	1656	8585	25243	120008	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	1769 1235542	7133	30639	90422	431569	1.00 500	5.00	20.0	50.0	200
Propionitrile	BUT	Ave	2427 1754911	10236	46068	132493	623480	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	1913 1324490	8746	38068	106495	485656	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrahydrofuran	BUT	Ave	327 355592	1747	8896	25396	129426	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	8260 7485333	35711	163200	478540	2505655	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	6546 5326441	29982	137873	389104	1865848	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5219 4918392	24606	130340	364101	1658643	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5325 5113869	26872	131707	367770	1742167	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5021 4482097	24468	121504	341891	1563697	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4635 4074924	23093	115991	325381	1443553	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	QuaF	2497 3572874	13638	75322	220370	1207899	25.0 12500	125	500	1250	5000
Benzene	CBNZd5	Ave	13632 12323243	63009	299616	856102	4153264	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	2030 1958102	9085	44270	129904	655859	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	1175 990262	4968	22755	66722	333455	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4060 2948082	16928	76446	214343	1038792	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	5255 4088126	21067	113225	312990	1385502	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3557 3125392	17049	83507	228957	1061174	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	Ave	+++++ 860079	+++++	11890	44929	270685	+++++ 12500	+++++	500	1250	5000
Methylcyclohexane	FB	Ave	5543 5269239	25848	141890	397530	1780389	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Qua2	1308	6593	35511	106611	556438	1.00	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			1639976					500				
1,2-Dichloropropane	FB	Ave	2750 2436097	14024	64990	182014	860742	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	988 931436	4501	21571	63357	317002	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	QuaF	912 336935	2007	8371	24004	121781	20.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	1866 1436956	8398	35975	100454	495324	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	2426 1707743	8494	43050	129591	614752	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4353 3334185	19272	88332	248301	1188297	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1333 694637	4475	18039	51595	250454	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1127 911355	5261	24108	67540	318933	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	3499 2380394	14134	62347	175841	885622	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	4309 3888151	21160	99387	278797	1365013	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	7981 5668070	30939	140867	394441	2103772	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	15080 11912238	67136	304913	844626	4189648	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	3970 3165285	17193	78449	230646	1120278	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	2690 1941952	11768	50792	140890	720276	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	2076 1561201	8362	39259	111361	548211	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	4046 3565727	17991	87864	250561	1187142	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	3378 2697292	16341	72955	205261	991450	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	5185 3572227	20398	90639	256554	1367236	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBNZ d5	Ave	557 346869	2263	9487	26056	126568	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBNZ d5	Ave	2643 2404019	11993	59240	170321	860693	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2122 1660676	9727	45899	128148	617571	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	9121 7128338	40684	179743	505241	2498728	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	5263 4524093	22222	102980	295187	1486246	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2991 2857485	12663	62142	181316	954792	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	6032 5035561	27613	125544	357368	1734437	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	1871 1343035	7173	30618	88925	456620	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	6071 5034789	25838	117086	331131	1729935	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	9131 8051305	40752	188686	549307	2855627	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	3225 2120555	12285	55100	157786	779405	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	1729 1486050	6967	34082	101506	537843	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	15303 12401857	67491	317680	913720	4470401	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	3768 2966224	16712	74279	211385	1035852	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	2554 1865539	9874	43607	127681	662980	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	18151 14425949	80633	382072	1087154	5336997	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	819 510916	2783	12730	37124	185658	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	539 403915	2070	10040	37108	149560	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	15496 13717318	69062	317267	921399	4785970	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	11744 10951909	50219	234940	689754	3656432	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	11980 10951578	54553	255805	730383	3590346	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	10960 8761885	46101	213614	615800	3020065	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	3101 2864061	13817	65293	190938	938978	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	10806 9805275	48040	234521	664715	3281066	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	12212 10807872	54404	250733	731939	3604933	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	16410 14011891	73926	353949	1026573	4979696	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	14143 13042895	62661	296450	862662	4330242	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	7464 6627134	31167	143572	413231	2119943	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	7787 6533916	31561	143018	410078	2098696	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	12696 11606250	52908	241931	706978	3716768	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	954 797839	3736	18833	53774	265519	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	13223 10489391	55729	251110	722164	3624753	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	7945 7851543	35467	166579	480177	2442647	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	7197 7298864	31810	155258	460689	2265515	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	6469 5264974	26750	121682	347487	1717453	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	12348 10566977	50199	229877	654851	3390938	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	519 305786	1648	7319	21317	106549	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	5677 4493149	22662	98820	278750	1385824	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	4268 2808552	16420	68866	191757	899977	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	2818 2394324	11523	53518	150180	727524	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Qua	7290 3655749	23710	94159	272805	1258238	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	3571 1991923	12006	49699	143658	652081	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	157031 246709	164635	176477	191328	219614	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	124131 253787	129239	140386	156534	196042	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	523145 811646	545808	572842	621921	727513	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCBd 4	Ave	154883	163000	171873	189340	214941	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.: 460-267360-1 Analy Batch No.: 872315

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/17/2022 05:24 Calibration End Date: 10/17/2022 07:17 Calibration ID: 91531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			230586					50.0				

Curve Type Legend
Ave = Average ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99203.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Oct-2022 05:24:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0151823-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:44:46 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: N1JZ Date: 17-Oct-2022 08:48:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	84	3232	1.00	1.08	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	91	3405	1.00	1.18	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	98	7747	1.00	1.01	
5 Chlorodifluoromethane	51	1.297	1.297	0.000	97	8017	1.00	1.22	
6 Chloromethane	50	1.449	1.449	0.000	98	6816	1.00	1.14	
8 Vinyl chloride	62	1.540	1.541	-0.001	98	6508	1.00	1.01	
7 Butadiene	54	1.565	1.565	0.000	95	6563	1.00	1.04	
9 Bromomethane	94	1.839	1.833	0.006	98	6028	1.00	1.26	
10 Chloroethane	64	1.931	1.931	0.000	98	3003	1.00	0.99	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	97	6901	1.00	0.9772	
11 Dichlorofluoromethane	67	2.126	2.126	0.000	97	8228	1.00	1.07	
12 Pentane	72	2.174	2.175	-0.001	95	1700	2.00	2.03	
15 Ethanol	46	2.382	2.376	0.006	91	662	40.0	78.1	
14 Ethyl ether	59	2.394	2.394	0.000	84	2513	1.00	1.07	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	96	3326	1.00	0.8760	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.455	2.455	0.000	80	4080	1.00	1.07	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	95	6101	1.00	1.02	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.571	2.577	-0.006	87	4151	1.00	0.9089	
19 Acrolein	56	2.577	2.577	0.000	96	27015	100.0	102.0	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	98	4017	1.00	1.03	
22 Acetone	43	2.717	2.717	0.000	84	4275	5.00	7.99	M
23 Iodomethane	142	2.766	2.766	0.000	98	1564	1.00	0.2491	
24 Carbon disulfide	76	2.790	2.790	0.000	99	13626	1.00	1.00	
25 Isopropyl alcohol	45	2.863	2.851	0.012	97	1469	10.0	13.7	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	83	2381	1.00	0.99	
28 Cyclopentene	67	2.979	2.979	0.000	94	9393	1.00	0.9350	
27 Methyl acetate	43	2.998	2.991	0.007	94	2929	2.00	2.22	M
29 Acetonitrile	40	3.052	3.046	0.006	95	1167	10.0	10.2	
30 Methylene Chloride	84	3.113	3.113	0.000	90	4178	1.00	1.09	
* 31 TBA-d9 (IS)	65	3.126	3.126	0.000	0	146461	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	3.211	3.211	0.000	98	2930	10.0	15.5	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	7264	1.00	1.01	
34 trans-1,2-Dichloroethene	96	3.321	3.321	0.000	91	4427	1.00	1.03	
35 Acrylonitrile	53	3.418	3.412	0.006	96	8009	10.0	11.8	
36 Hexane	57	3.503	3.504	-0.001	88	5075	1.00	0.9020	
37 Isopropyl ether	45	3.760	3.760	0.000	94	8273	1.00	0.9496	
38 1,1-Dichloroethane	63	3.778	3.778	0.000	98	6541	1.00	0.9692	
39 Vinyl acetate	86	3.821	3.814	0.006	99	863	2.00	1.68	
40 2-Chloro-1,3-butadiene	88	3.827	3.827	0.000	92	3064	1.00	0.8463	
41 Tert-butyl ethyl ether	59	4.125	4.125	0.000	91	7322	1.00	0.9241	
43 2,2-Dichloropropane	79	4.345	4.345	0.000	49	1996	1.00	1.04	
* 42 2-Butanone-d5	46	4.351	4.351	0.000	39	135987	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.387	4.388	-0.001	99	4549	1.00	1.08	
45 2-Butanone (MEK)	72	4.424	4.418	0.006	99	1311	5.00	6.24	
46 Ethyl acetate	70	4.448	4.436	0.012	96	454	2.00	2.30	
47 Methyl acrylate	55	4.497	4.491	0.006	99	1769	1.00	1.15	
48 Propionitrile	54	4.583	4.570	0.013	95	2427	10.0	11.4	
49 Chlorobromomethane	128	4.650	4.650	0.000	73	1913	1.00	1.08	
50 Tetrahydrofuran	72	4.668	4.650	0.018	33	327	2.00	1.69	
51 Methacrylonitrile	67	4.692	4.686	0.006	90	8260	10.0	10.0	
52 Chloroform	83	4.729	4.729	0.000	98	6546	1.00	1.01	
53 Cyclohexane	84	4.845	4.845	0.000	88	5219	1.00	0.9103	
54 1,1,1-Trichloroethane	97	4.869	4.869	0.000	97	5325	1.00	0.8966	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.912	0.000	97	157031	50.0	49.2	
56 Carbon tetrachloride	117	5.009	5.009	0.000	96	5021	1.00	0.9270	
57 1,1-Dichloropropene	75	5.058	5.058	0.000	96	4635	1.00	0.9162	
58 Isobutyl alcohol	43	5.265	5.272	-0.007	35	2497	25.0	15.2	a
59 Benzene	78	5.284	5.284	0.000	92	13632	1.00	0.9651	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.314	5.320	-0.006	98	124131	50.0	45.7	
61 Tert-amyl methyl ether	87	5.387	5.387	0.000	95	2030	1.00	0.9442	
63 1,2-Dichloroethane	62	5.406	5.406	0.000	96	4060	1.00	1.11	
62 Isopropyl acetate	61	5.406	5.406	0.000	96	1175	1.00	1.04	
64 n-Heptane	43	5.497	5.503	-0.006	87	5255	1.00	1.05	
* 65 Fluorobenzene	96	5.637	5.643	-0.006	99	454553	50.0	50.0	
67 Trichloroethene	95	6.070	6.070	0.000	96	3557	1.00	0.9529	
68 Methylcyclohexane	83	6.198	6.204	-0.006	91	5543	1.00	0.9003	
69 Ethyl acrylate	55	6.259	6.253	0.006	90	1308	1.00	1.03	
70 1,2-Dichloropropane	63	6.411	6.412	-0.001	89	2750	1.00	0.9292	
* 71 1,4-Dioxane-d8	96	6.497	6.497	0.000	0	14817	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.546	0.006	85	988	2.00	1.89	
73 1,4-Dioxane	88	6.570	6.564	0.006	48	912	20.0	34.9	
74 Dibromomethane	93	6.570	6.570	0.000	93	1866	1.00	1.07	
75 n-Propyl acetate	43	6.631	6.625	0.006	96	2426	1.00	1.15	
76 Dichlorobromomethane	83	6.765	6.771	-0.006	98	4353	1.00	1.05	
77 2-Nitropropane	41	7.131	7.137	-0.006	94	1333	2.00	2.97	
78 2-Chloroethyl vinyl ether	63	7.155	7.161	-0.006	91	1127	1.00	1.01	
79 Epichlorohydrin	57	7.259	7.253	0.006	97	3499	20.0	23.8	
80 cis-1,3-Dichloropropene	75	7.302	7.308	-0.006	92	4309	1.00	0.9374	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.466	0.006	96	7981	5.00	5.92	
$ 82 Toluene-d8 (Surr)	98	7.527	7.527	0.000	99	523145	50.0	49.8	
83 Toluene	91	7.594	7.600	-0.006	94	15080	1.00	1.04	
84 trans-1,3-Dichloropropene	75	7.929	7.923	0.006	94	3970	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.960	7.960	0.000	85	2690	1.00	1.09	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	2076	1.00	1.10	
87 Tetrachloroethene	166	8.118	8.125	-0.007	96	4046	1.00	0.9856	
88 1,3-Dichloropropane	76	8.259	8.259	0.000	93	3378	1.00	0.99	
89 2-Hexanone	43	8.320	8.314	0.006	96	5185	5.00	5.95	
90 n-Butyl acetate	73	8.411	8.411	0.000	94	557	1.00	1.20	
91 Chlorodibromomethane	129	8.435	8.442	-0.007	95	2643	1.00	0.9478	
92 Ethylene Dibromide	107	8.545	8.545	0.000	97	2122	1.00	1.01	
* 93 Chlorobenzene-d5	117	8.929	8.935	-0.006	85	365392	50.0	50.0	
94 Chlorobenzene	112	8.954	8.960	-0.006	97	9121	1.00	1.05	
95 Ethylbenzene	106	9.027	9.027	0.000	98	5263	1.00	1.04	
96 1,1,1,2-Tetrachloroethane	131	9.039	9.039	0.000	95	2991	1.00	0.9747	
97 m-Xylene & p-Xylene	106	9.130	9.131	-0.001	0	6032	1.00	1.01	
98 n-Butyl acrylate	73	9.447	9.448	-0.001	96	1871	1.00	1.18	
99 o-Xylene	106	9.460	9.460	0.000	95	6071	1.00	1.05	
100 Styrene	104	9.484	9.484	0.000	96	9131	1.00	0.9871	
101 Amyl acetate (mixed isomers)	43	9.624	9.624	0.000	92	3225	1.00	1.21	
102 Bromoform	173	9.661	9.661	0.000	96	1729	1.00	1.02	
103 Isopropylbenzene	105	9.746	9.746	0.000	95	15303	1.00	1.02	
$ 104 4-Bromofluorobenzene	174	9.911	9.911	0.000	0	154883	50.0	50.6	
105 Bromobenzene	156	10.021	10.021	0.000	90	3768	1.00	1.07	
106 1,1,2,2-Tetrachloroethane	83	10.051	10.051	0.000	97	2554	1.00	1.16	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	18151	1.00	1.03	
108 1,2,3-Trichloropropane	110	10.088	10.094	-0.006	95	819	1.00	1.28	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	83	539	1.00	1.07	
110 4-Ethyltoluene	105	10.155	10.155	0.000	96	15496	1.00	1.01	
111 2-Chlorotoluene	91	10.155	10.161	-0.006	97	11744	1.00	1.01	
112 1,3,5-Trimethylbenzene	105	10.210	10.210	0.000	94	11980	1.00	1.00	
113 4-Chlorotoluene	91	10.246	10.246	0.000	96	10960	1.00	1.08	
114 Butyl Methacrylate	87	10.277	10.277	0.000	83	3101	1.00	1.00	
115 tert-Butylbenzene	119	10.441	10.441	0.000	95	10806	1.00	0.99	
116 1,2,4-Trimethylbenzene	105	10.490	10.490	0.000	96	12212	1.00	1.02	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	16410	1.00	1.00	
118 4-Isopropyltoluene	119	10.709	10.709	0.000	97	14143	1.00	1.00	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	97	7464	1.00	1.06	
* 120 1,4-Dichlorobenzene-d4	152	10.776	10.783	-0.007	94	189581	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.795	10.795	0.000	95	7787	1.00	1.10	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	12696	1.00	1.05	a
123 Benzyl chloride	126	10.904	10.905	-0.001	99	954	1.00	1.07	
124 2,3-Dihydroindene	117	10.953	10.953	0.000	93	13223	1.00	1.07	
125 p-Diethylbenzene	119	10.984	10.990	-0.006	94	7945	1.00	0.9841	
126 n-Butylbenzene	92	11.008	11.008	0.000	98	7197	1.00	0.9628	
127 1,2-Dichlorobenzene	146	11.069	11.069	0.000	96	6469	1.00	1.10	
128 1,2,4,5-Tetramethylbenzene	119	11.557	11.557	0.000	97	12348	1.00	1.09	
129 1,2-Dibromo-3-Chloropropane	157	11.660	11.661	-0.001	88	519	1.00	1.37	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	95	5677	1.00	1.15	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	93	4268	1.00	1.26	
132 Hexachlorobutadiene	225	12.429	12.429	0.000	94	2818	1.00	1.10	
133 Naphthalene	128	12.581	12.581	0.000	99	7290	1.00	1.17	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	3571	1.00	1.40	
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.12	
S 136 1,3-Dichloropropene, Total	100				0		2.00	1.98	

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		2.00	2.06	
S 138 Total BTEX	1				0		5.00	5.11	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added: 1.00	Units: uL		
ACROLEIN W_00145	Amount Added: 10.00	Units: uL		
524freon_00058	Amount Added: 1.00	Units: uL		
GASES Li_00498	Amount Added: 1.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 18-Oct-2022 13:44:47 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99203.D

Injection Date: 17-Oct-2022 05:24:30 Instrument ID: CVOAMS4 Operator ID:

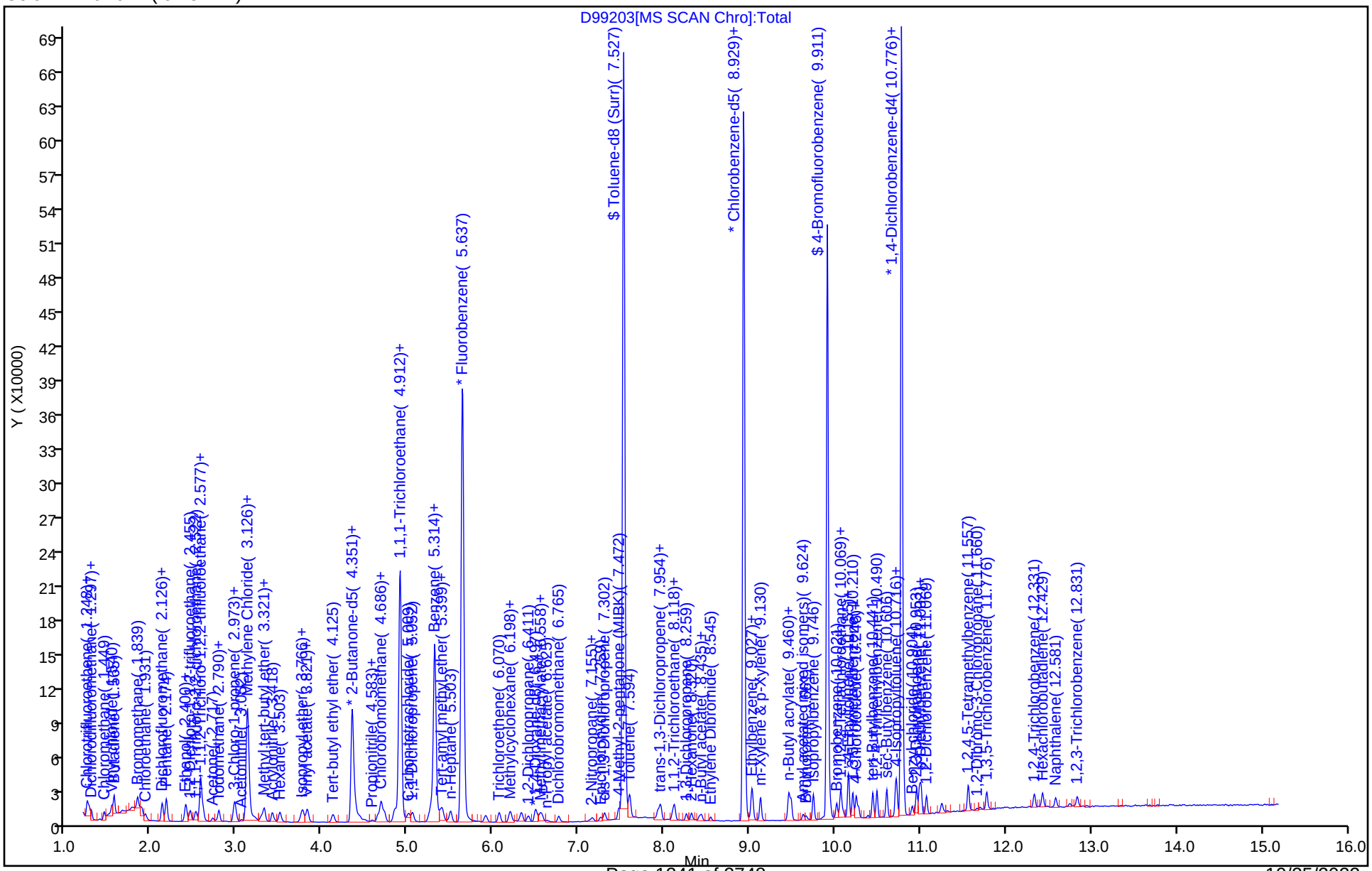
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

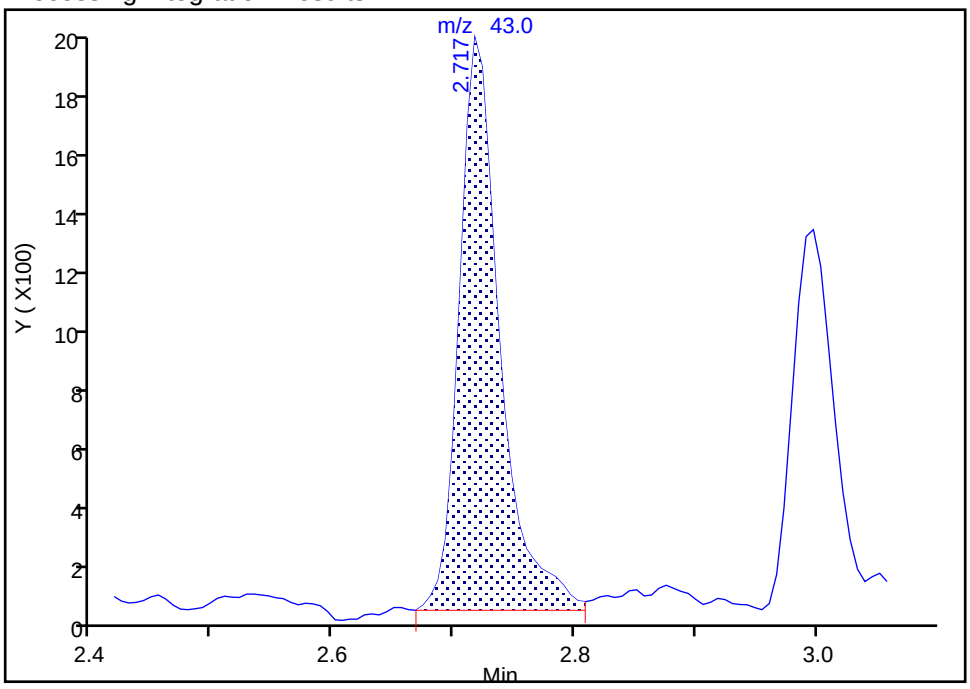
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99203.D
Injection Date: 17-Oct-2022 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

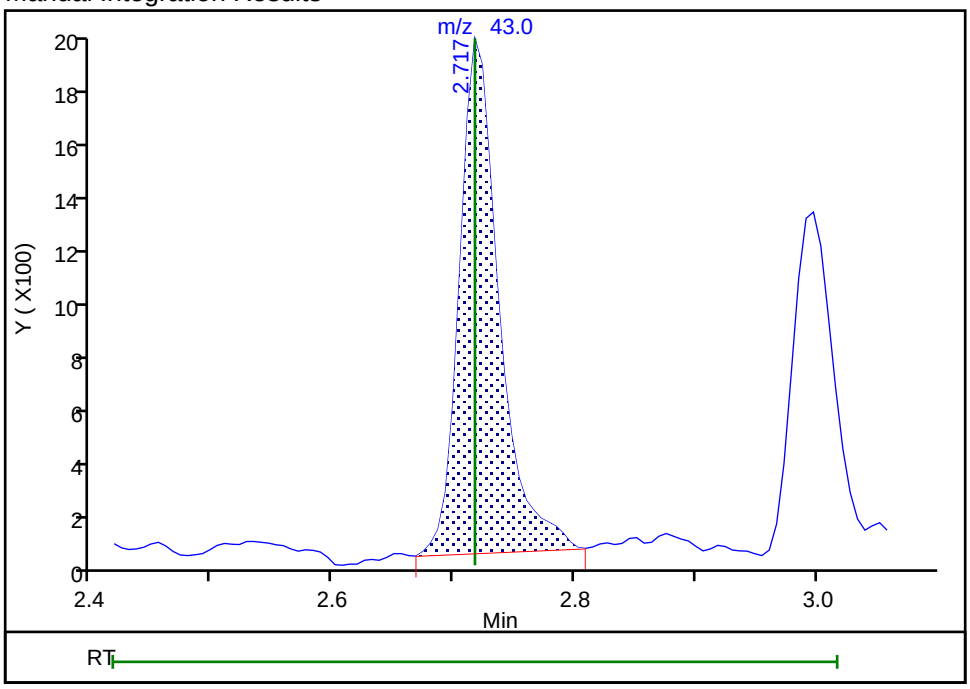
Processing Integration Results

RT: 2.72
Area: 4385
Amount: 8.195423
Amount Units: ug/l



Manual Integration Results

RT: 2.72
Area: 4275
Amount: 7.989792
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:26:05
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

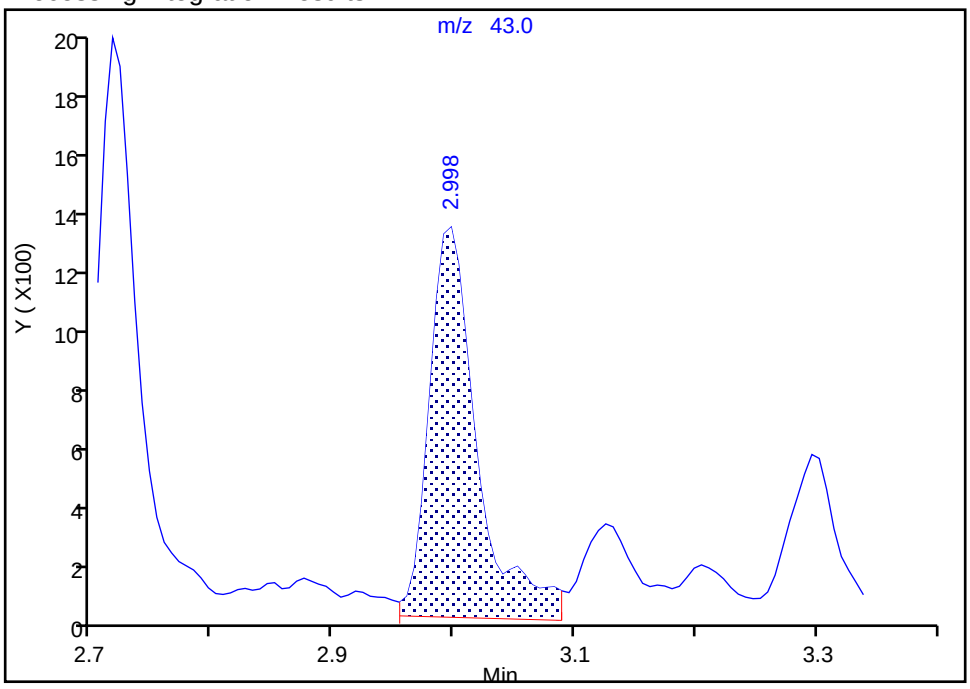
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99203.D
Injection Date: 17-Oct-2022 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Methyl acetate, CAS: 79-20-9

Signal: 1

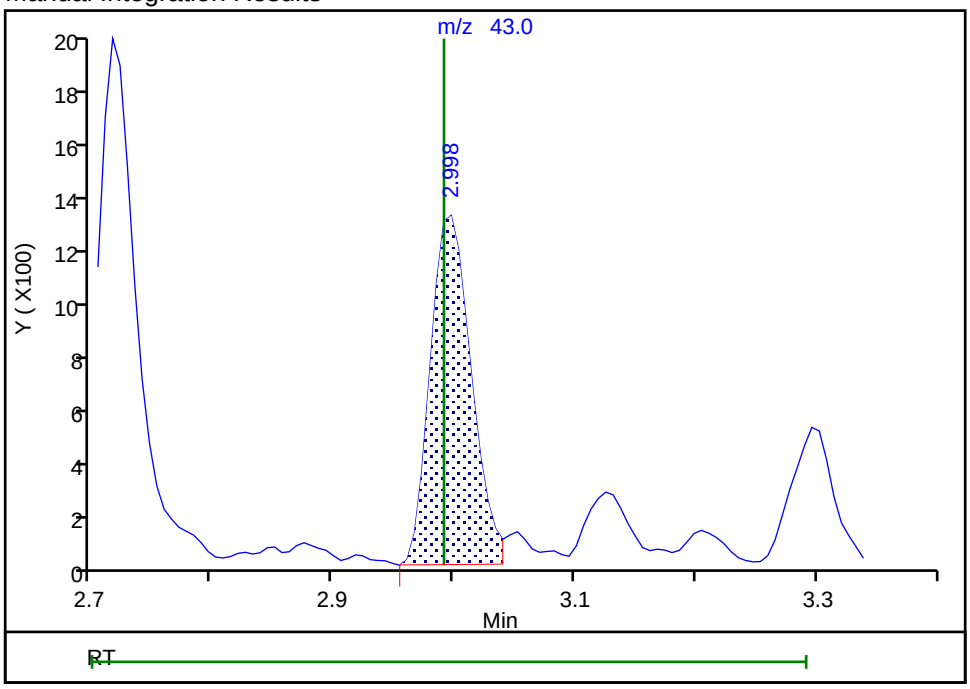
Processing Integration Results

RT: 3.00
Area: 3590
Amount: 2.613460
Amount Units: ug/l



Manual Integration Results

RT: 3.00
Area: 2929
Amount: 2.221338
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:22:52
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

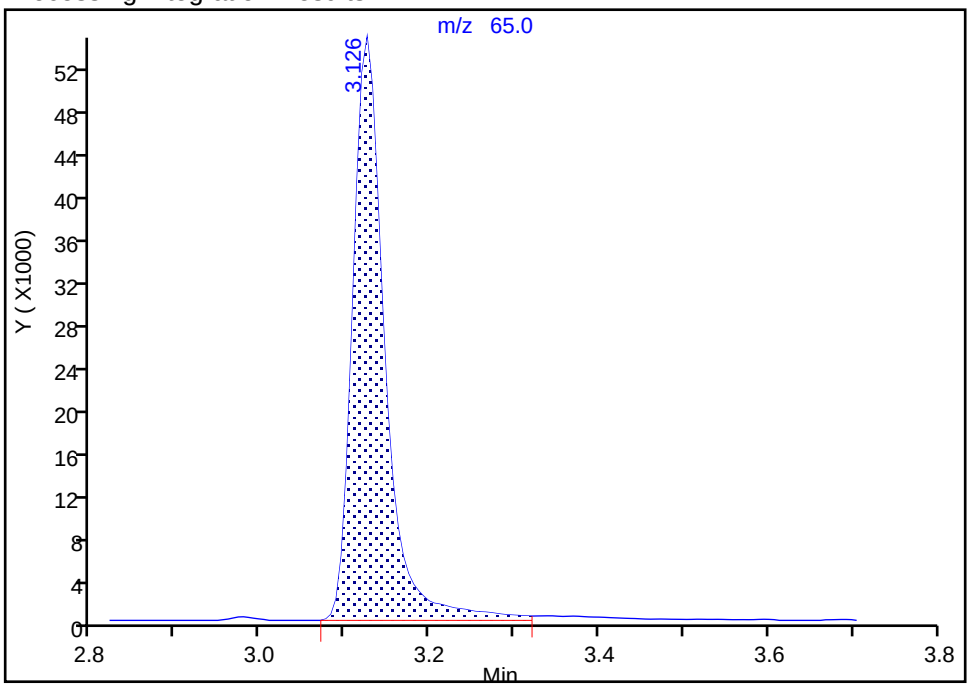
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99203.D
Injection Date: 17-Oct-2022 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

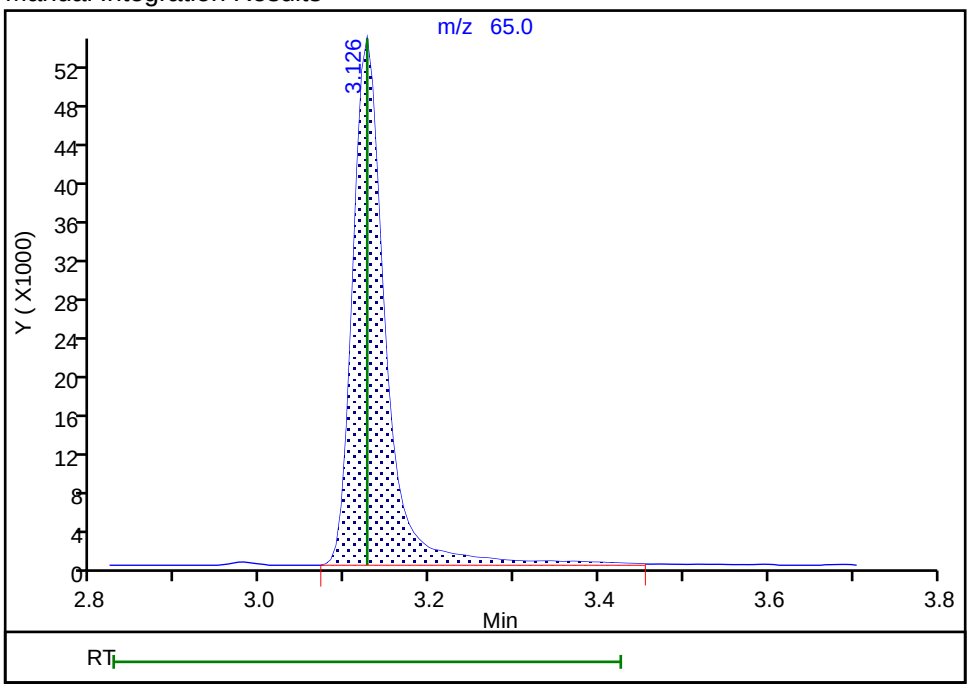
Processing Integration Results

RT: 3.13
Area: 144040
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.13
Area: 146461
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:25:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

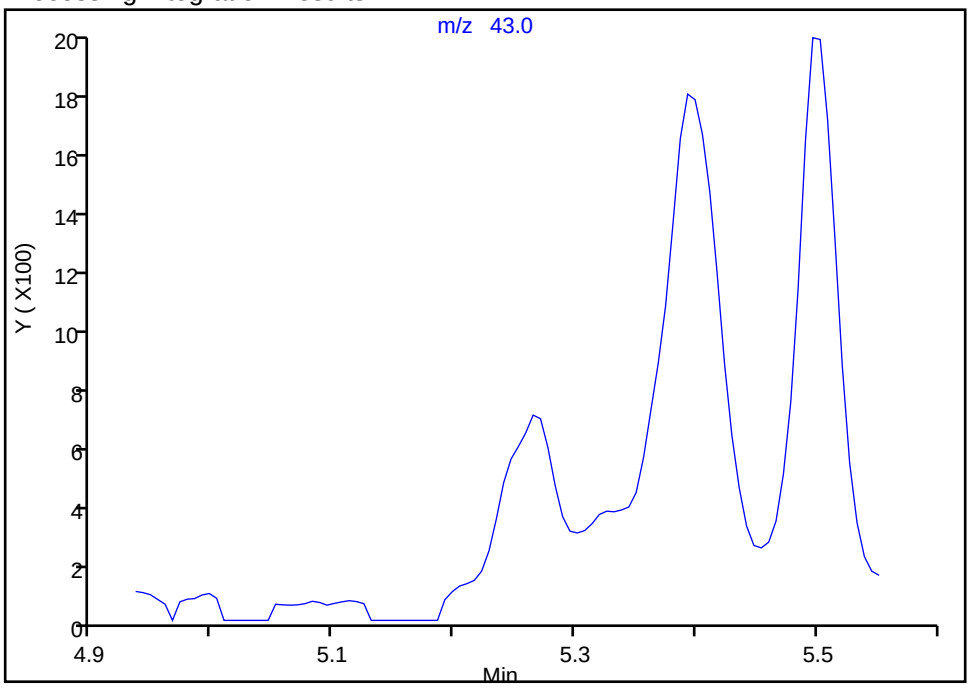
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Injection Date: 17-Oct-2022 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

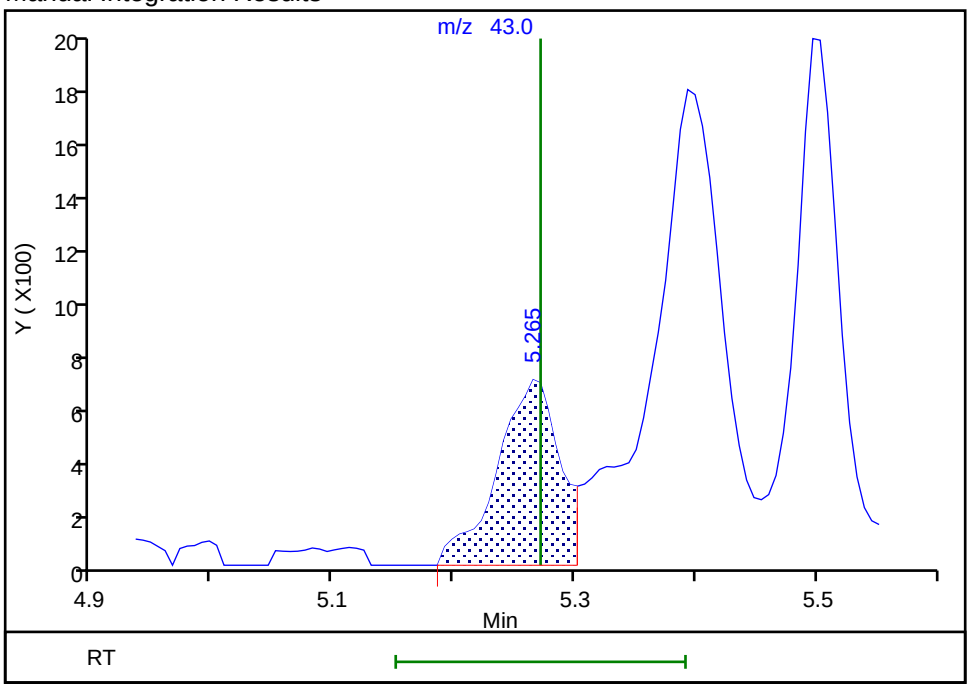
Not Detected
Expected RT: 5.27

Processing Integration Results



Manual Integration Results

RT: 5.27
Area: 2497
Amount: 15.237125
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:23:09
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

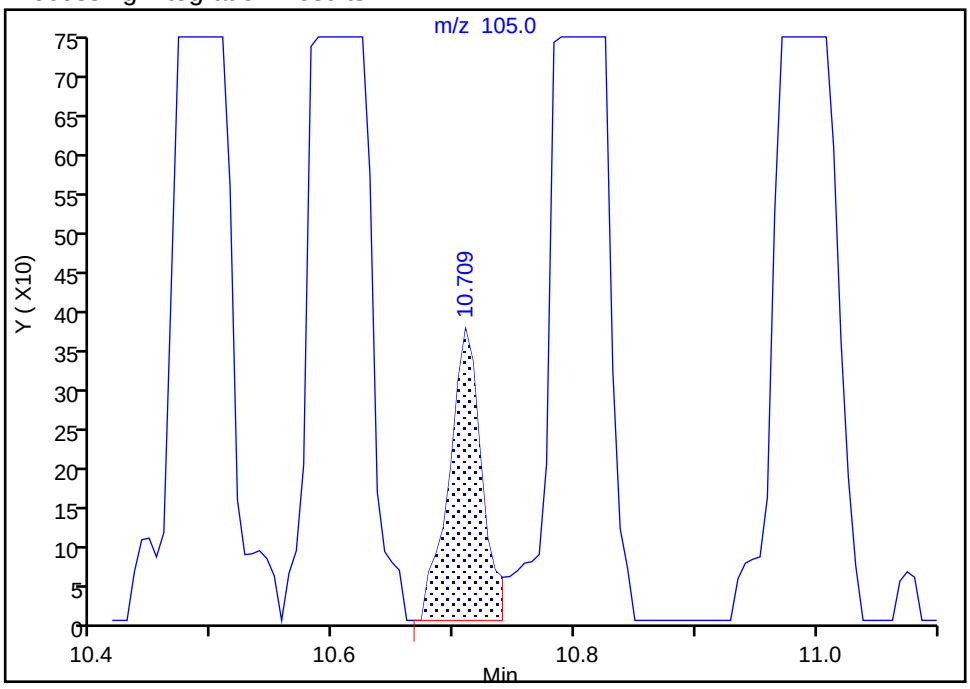
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99203.D
Injection Date: 17-Oct-2022 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

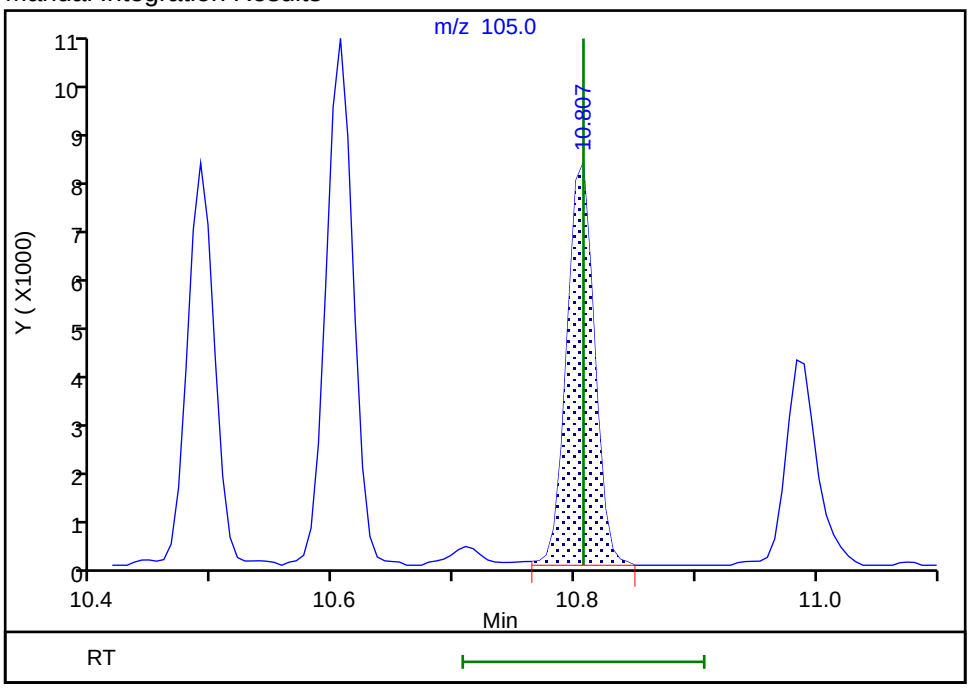
Processing Integration Results

RT: 10.71
Area: 697
Amount: 0.056652
Amount Units: ug/l



Manual Integration Results

RT: 10.81
Area: 12696
Amount: 1.046646
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:23:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99204.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Oct-2022 05:47:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0151823-004
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:44:52 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: N1JZ Date: 17-Oct-2022 08:52:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	92	13514	5.00	4.45	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	94	14286	5.00	4.90	
4 Dichlorodifluoromethane	85	1.278	1.272	0.006	99	34535	5.00	4.45	
5 Chlorodifluoromethane	51	1.297	1.297	0.000	97	30642	5.00	4.62	
6 Chloromethane	50	1.449	1.449	0.000	99	30112	5.00	4.96	
8 Vinyl chloride	62	1.541	1.541	0.000	98	30597	5.00	4.71	
7 Butadiene	54	1.565	1.565	0.000	96	28243	5.00	4.42	
9 Bromomethane	94	1.839	1.833	0.006	99	23239	5.00	4.83	
10 Chloroethane	64	1.931	1.931	0.000	99	14271	5.00	4.66	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	98	32100	5.00	4.50	
11 Dichlorofluoromethane	67	2.132	2.126	0.006	98	36999	5.00	4.77	
12 Pentane	72	2.175	2.175	0.000	95	7353	10.0	8.69	
15 Ethanol	46	2.382	2.376	0.006	84	1812	200.0	211.9	
14 Ethyl ether	59	2.394	2.394	0.000	91	10984	5.00	4.64	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	98	16246	5.00	4.23	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.455	2.455	0.000	85	17024	5.00	4.40	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	94	27883	5.00	4.63	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	92	20413	5.00	4.42	
19 Acrolein	56	2.577	2.577	0.000	96	49188	200.0	183.7	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	97	18120	5.00	4.59	
22 Acetone	43	2.717	2.717	0.000	86	13429	25.0	24.4	
23 Iodomethane	142	2.766	2.766	0.000	99	12435	5.00	1.96	
24 Carbon disulfide	76	2.790	2.790	0.000	100	64021	5.00	4.64	
25 Isopropyl alcohol	45	2.857	2.851	0.006	99	4871	50.0	45.0	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	86	11718	5.00	4.83	
28 Cyclopentene	67	2.979	2.979	0.000	94	43271	5.00	4.26	
27 Methyl acetate	43	2.992	2.991	0.001	99	11817	10.0	8.86	
29 Acetonitrile	40	3.052	3.046	0.006	97	5115	50.0	44.5	
30 Methylene Chloride	84	3.113	3.113	0.000	91	18337	5.00	4.74	
* 31 TBA-d9 (IS)	65	3.126	3.126	0.000	0	147722	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	3.211	3.211	0.000	98	8989	50.0	47.2	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	32933	5.00	4.51	
34 trans-1,2-Dichloroethene	96	3.327	3.321	0.006	93	20470	5.00	4.72	
35 Acrylonitrile	53	3.412	3.412	0.000	94	30122	50.0	43.9	
36 Hexane	57	3.510	3.504	0.006	92	22688	5.00	3.99	
37 Isopropyl ether	45	3.760	3.760	0.000	97	38089	5.00	4.32	
38 1,1-Dichloroethane	63	3.778	3.778	0.000	99	32341	5.00	4.74	
39 Vinyl acetate	86	3.821	3.814	0.007	99	4571	10.0	8.79	
40 2-Chloro-1,3-butadiene	88	3.827	3.827	0.000	91	15196	5.00	4.15	
41 Tert-butyl ethyl ether	59	4.125	4.125	0.000	89	35555	5.00	4.44	
43 2,2-Dichloropropane	79	4.345	4.345	0.000	95	9269	5.00	4.77	
* 42 2-Butanone-d5	46	4.351	4.351	0.000	93	140073	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.388	4.388	0.000	96	19771	5.00	4.66	
45 2-Butanone (MEK)	72	4.418	4.418	0.000	99	4783	25.0	22.1	
46 Ethyl acetate	70	4.442	4.436	0.006	96	1656	10.0	8.13	
47 Methyl acrylate	55	4.497	4.491	0.006	99	7133	5.00	4.59	
48 Propionitrile	54	4.577	4.570	0.007	97	10236	50.0	46.7	
49 Chlorobromomethane	128	4.650	4.650	0.000	78	8746	5.00	4.89	
50 Tetrahydrofuran	72	4.656	4.650	0.006	55	1747	10.0	8.74	
51 Methacrylonitrile	67	4.686	4.686	0.000	90	35711	50.0	42.9	
52 Chloroform	83	4.729	4.729	0.000	98	29982	5.00	4.58	
53 Cyclohexane	84	4.845	4.845	0.000	89	24606	5.00	4.25	
54 1,1,1-Trichloroethane	97	4.869	4.869	0.000	98	26872	5.00	4.48	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.912	0.000	97	164635	50.0	51.1	
56 Carbon tetrachloride	117	5.009	5.009	0.000	96	24468	5.00	4.47	
57 1,1-Dichloropropene	75	5.058	5.058	0.000	97	23093	5.00	4.52	
58 Isobutyl alcohol	43	5.265	5.272	-0.007	37	13638	125.0	82.4	Ma
59 Benzene	78	5.284	5.284	0.000	98	63009	5.00	4.45	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.314	5.320	-0.006	98	129239	50.0	47.0	
61 Tert-amyl methyl ether	87	5.387	5.387	0.000	92	9085	5.00	4.18	
63 1,2-Dichloroethane	62	5.406	5.406	0.000	96	16928	5.00	4.57	
62 Isopropyl acetate	61	5.406	5.406	0.000	96	4968	5.00	4.35	
64 n-Heptane	43	5.503	5.503	0.000	87	21067	5.00	4.16	
* 65 Fluorobenzene	96	5.643	5.643	0.000	99	459538	50.0	50.0	
67 Trichloroethene	95	6.070	6.070	0.000	97	17049	5.00	4.52	
68 Methylcyclohexane	83	6.198	6.204	-0.006	95	25848	5.00	4.15	
69 Ethyl acrylate	55	6.253	6.253	0.000	95	6593	5.00	4.27	
70 1,2-Dichloropropane	63	6.412	6.412	0.000	90	14024	5.00	4.69	
* 71 1,4-Dioxane-d8	96	6.497	6.497	0.000	0	15544	1000.0	1000.0	
72 Methyl methacrylate	100	6.546	6.546	0.000	85	4501	10.0	8.53	
73 1,4-Dioxane	88	6.570	6.564	0.006	34	2007	100.0	73.2	
74 Dibromomethane	93	6.570	6.570	0.000	94	8398	5.00	4.76	
75 n-Propyl acetate	43	6.625	6.625	0.000	95	8494	5.00	3.99	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	19272	5.00	4.59	
77 2-Nitropropane	41	7.137	7.137	0.000	99	4475	10.0	9.87	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	5261	5.01	4.66	
79 Epichlorohydrin	57	7.259	7.253	0.006	100	14134	100.0	93.3	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	91	21160	5.00	4.59	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.466	0.006	96	30939	25.0	22.3	
$ 82 Toluene-d8 (Surr)	98	7.527	7.527	0.000	99	545808	50.0	51.8	
83 Toluene	91	7.600	7.600	0.000	93	67136	5.00	4.63	
84 trans-1,3-Dichloropropene	75	7.930	7.923	0.007	96	17193	5.00	4.49	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	11768	5.00	4.73	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	8362	5.00	4.41	
87 Tetrachloroethene	166	8.125	8.125	0.000	96	17991	5.00	4.37	
88 1,3-Dichloropropane	76	8.265	8.259	0.006	91	16341	5.00	4.79	
89 2-Hexanone	43	8.320	8.314	0.006	96	20398	25.0	22.7	
90 n-Butyl acetate	73	8.411	8.411	0.000	97	2263	5.00	4.88	
91 Chlorodibromomethane	129	8.442	8.442	0.000	97	11993	5.00	4.29	
92 Ethylene Dibromide	107	8.545	8.545	0.000	98	9727	5.00	4.60	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	366385	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	98	40684	5.00	4.69	
95 Ethylbenzene	106	9.027	9.027	0.000	98	22222	5.00	4.38	
96 1,1,1,2-Tetrachloroethane	131	9.039	9.039	0.000	96	12663	5.00	4.12	
97 m-Xylene & p-Xylene	106	9.131	9.131	0.000	0	27613	5.00	4.61	
98 n-Butyl acrylate	73	9.448	9.448	0.000	98	7173	5.00	4.51	
99 o-Xylene	106	9.460	9.460	0.000	95	25838	5.00	4.46	
100 Styrene	104	9.484	9.484	0.000	97	40752	5.00	4.39	
101 Amyl acetate (mixed isomers)	43	9.624	9.624	0.000	92	12285	5.00	4.59	
102 Bromoform	173	9.661	9.661	0.000	96	6967	5.00	4.09	
103 Isopropylbenzene	105	9.746	9.746	0.000	95	67491	5.00	4.47	
$ 104 4-Bromofluorobenzene	174	9.911	9.911	0.000	0	163000	50.0	53.2	
105 Bromobenzene	156	10.021	10.021	0.000	92	16712	5.00	4.74	
106 1,1,2,2-Tetrachloroethane	83	10.051	10.051	0.000	98	9874	5.00	4.50	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	80633	5.00	4.59	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	95	2783	5.00	4.36	
109 trans-1,4-Dichloro-2-butene	53	10.100	10.100	0.000	86	2070	5.00	4.10	
110 4-Ethyltoluene	105	10.155	10.155	0.000	90	69062	5.00	4.50	
111 2-Chlorotoluene	91	10.161	10.161	0.000	89	50219	5.00	4.32	
112 1,3,5-Trimethylbenzene	105	10.210	10.210	0.000	94	54553	5.00	4.53	
113 4-Chlorotoluene	91	10.246	10.246	0.000	97	46101	5.00	4.53	
114 Butyl Methacrylate	87	10.277	10.277	0.000	88	13817	5.00	4.44	
115 tert-Butylbenzene	119	10.441	10.441	0.000	95	48040	5.00	4.42	
116 1,2,4-Trimethylbenzene	105	10.490	10.490	0.000	97	54404	5.00	4.53	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	73926	5.00	4.51	
118 4-Isopropyltoluene	119	10.710	10.709	0.001	98	62661	5.00	4.42	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	97	31167	5.00	4.41	
* 120 1,4-Dichlorobenzene-d4	152	10.777	10.783	-0.006	94	189564	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.795	10.795	0.000	96	31561	5.00	4.46	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	52908	5.00	4.36	
123 Benzyl chloride	126	10.905	10.905	0.000	99	3736	5.00	4.21	
124 2,3-Dihydroindene	117	10.953	10.953	0.000	94	55729	5.00	4.45	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	35467	5.00	4.39	
126 n-Butylbenzene	92	11.008	11.008	0.000	97	31810	5.00	4.26	
127 1,2-Dichlorobenzene	146	11.069	11.069	0.000	97	26750	5.00	4.54	
128 1,2,4,5-Tetramethylbenzene	119	11.557	11.557	0.000	97	50199	5.00	4.42	
129 1,2-Dibromo-3-Chloropropane	157	11.661	11.661	0.000	91	1648	5.00	4.35	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	98	22662	5.00	4.61	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	95	16420	5.00	4.84	
132 Hexachlorobutadiene	225	12.429	12.429	0.000	93	11523	5.00	4.48	
133 Naphthalene	128	12.581	12.581	0.000	99	23710	5.00	4.88	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	12006	5.00	4.72	
S 135 1,2-Dichloroethene, Total	100				0		10.0	9.38	
S 136 1,3-Dichloropropene, Total	100				0		10.0	9.09	

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		10.0	9.06	
S 138 Total BTEX	1				0		25.0	22.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added: 5.00	Units: uL		
ACROLEIN W_00145	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 5.00	Units: uL		
GASES Li_00498	Amount Added: 5.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 18-Oct-2022 13:44:53 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99204.D

Injection Date: 17-Oct-2022 05:47:30 Instrument ID: CVOAMS4 Operator ID:

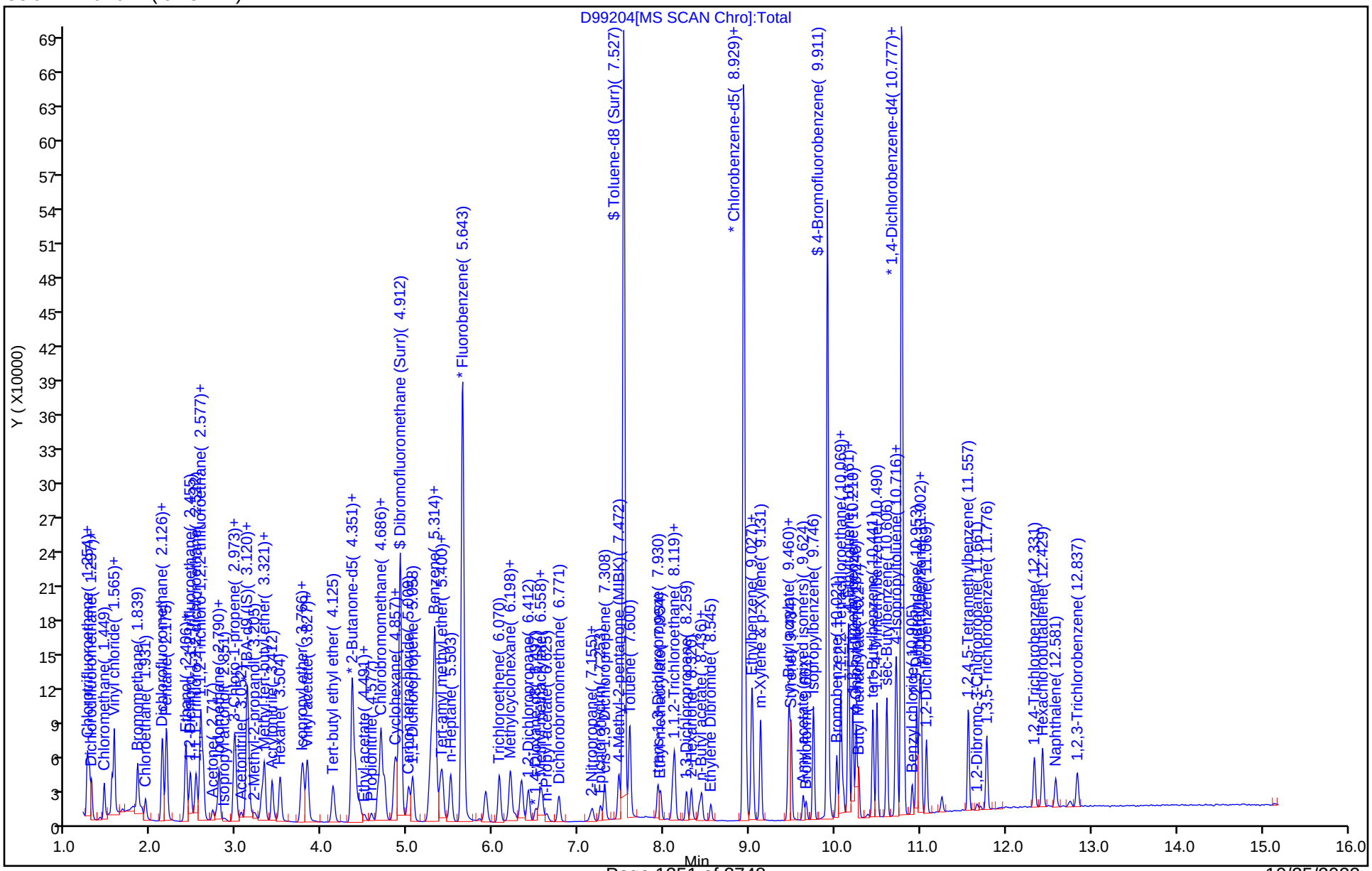
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

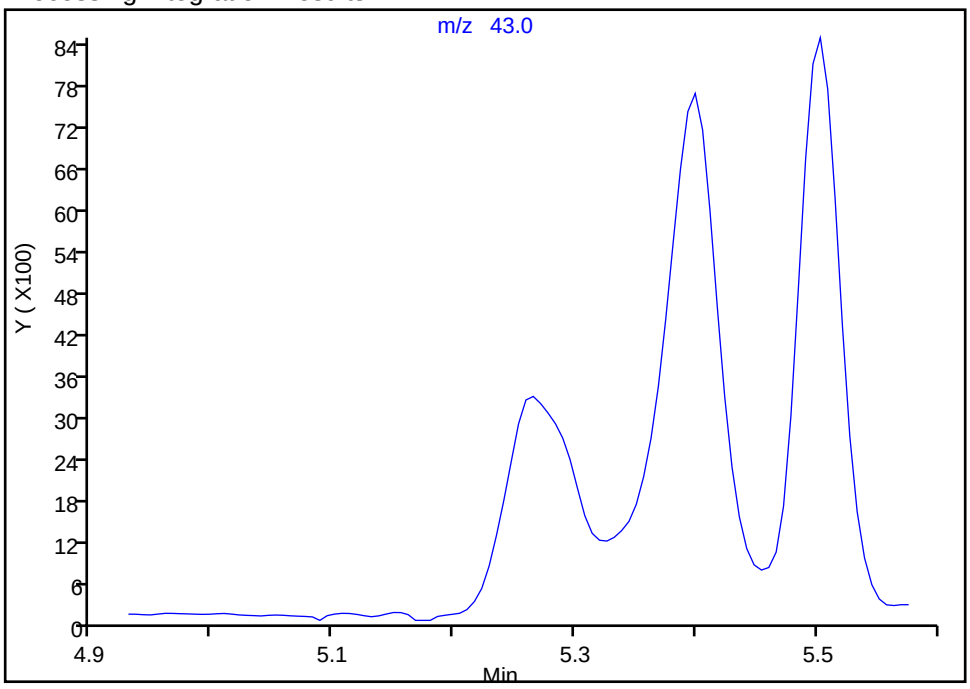
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Injection Date: 17-Oct-2022 05:47:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

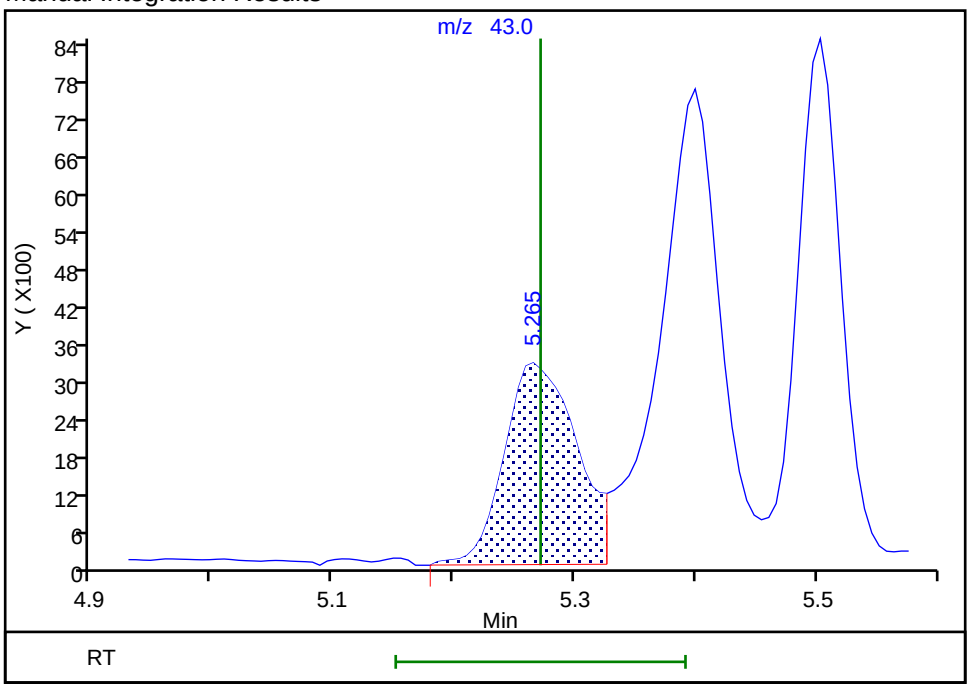
Not Detected
Expected RT: 5.27

Processing Integration Results



Manual Integration Results

RT: 5.27
Area: 13638
Amount: 82.432634
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:16:20
Audit Action: Manually Integrated Audit Reason: Baseline

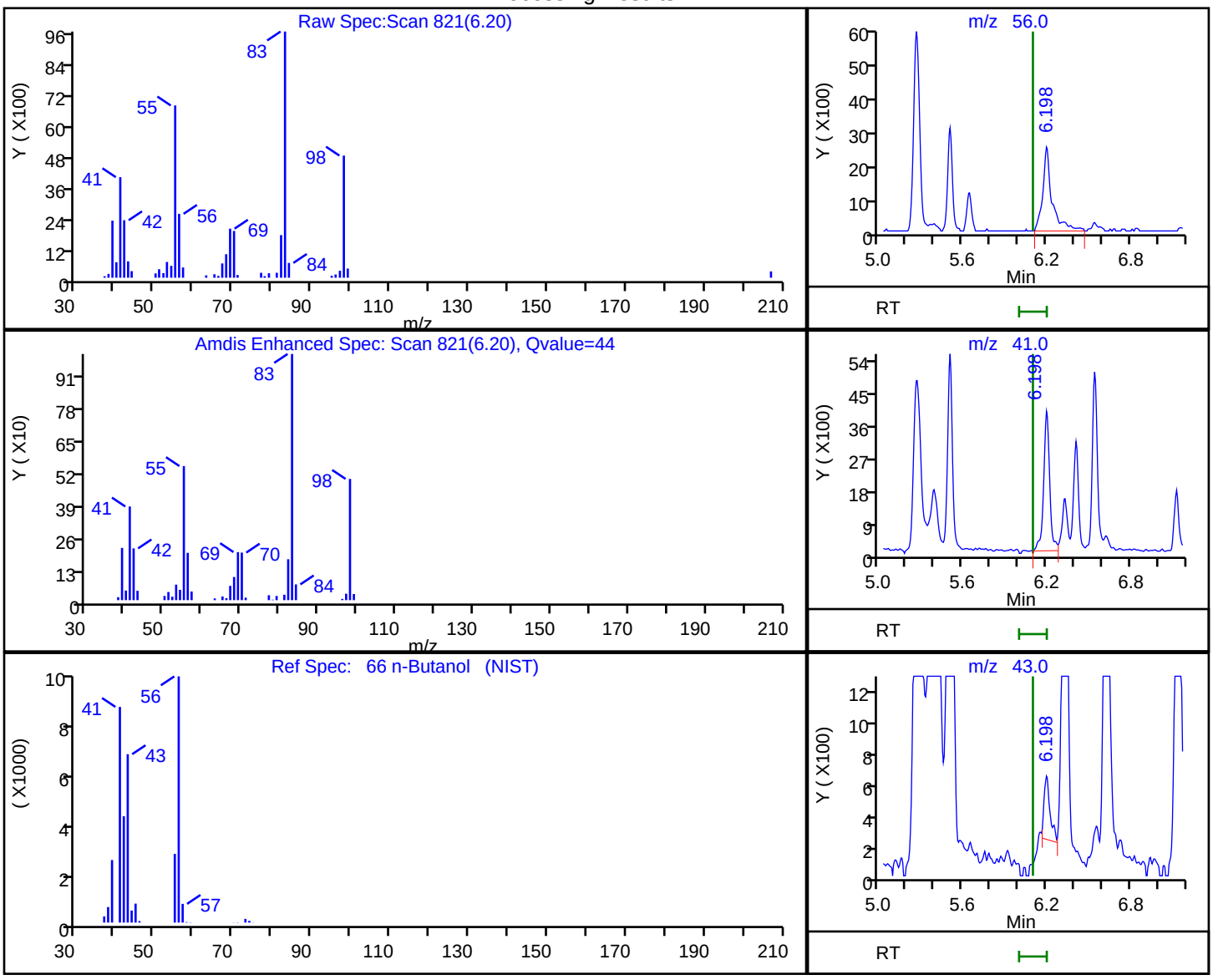
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99204.D
Injection Date: 17-Oct-2022 05:47:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
6.20	56.00	11802	300.1035
6.20	41.00	11784	
6.20	43.00	1237	

Reviewer: W9CM, 17-Oct-2022 18:16:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99205.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 17-Oct-2022 06:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0151823-005
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:44:58 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: N1JZ Date: 17-Oct-2022 08:44:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	92	72158	20.0	21.5	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	95	67878	20.0	21.0	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	99	171994	20.0	20.1	
5 Chlorodifluoromethane	51	1.297	1.297	0.000	97	154986	20.0	21.2	
6 Chloromethane	50	1.449	1.449	0.000	99	131024	20.0	19.5	
8 Vinyl chloride	62	1.541	1.541	0.000	99	146674	20.0	20.4	
7 Butadiene	54	1.565	1.565	0.000	95	144788	20.0	20.5	
9 Bromomethane	94	1.833	1.833	0.000	99	87689	20.0	16.7	
10 Chloroethane	64	1.931	1.931	0.000	99	66664	20.0	19.7	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	99	160195	20.0	20.3	
11 Dichlorofluoromethane	67	2.126	2.126	0.000	99	166964	20.0	19.5	
12 Pentane	72	2.175	2.175	0.000	96	36759	40.0	39.3	
15 Ethanol	46	2.376	2.376	0.000	95	7920	800.0	881.0	
14 Ethyl ether	59	2.394	2.394	0.000	94	49071	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	97	85663	20.0	20.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.455	2.455	0.000	89	88193	20.0	20.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	95	136322	20.0	20.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	93	106316	20.0	20.8	
19 Acrolein	56	2.577	2.577	0.000	97	90583	300.0	306.0	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	98	88278	20.0	20.2	
22 Acetone	43	2.717	2.717	0.000	86	53332	100.0	89.7	
23 Iodomethane	142	2.766	2.766	0.000	99	108693	20.0	15.6	
24 Carbon disulfide	76	2.790	2.790	0.000	99	312517	20.0	20.5	
25 Isopropyl alcohol	45	2.851	2.851	0.000	98	19475	200.0	171.7	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	88	54042	20.0	20.2	
28 Cyclopentene	67	2.979	2.979	0.000	94	223418	20.0	19.9	
27 Methyl acetate	43	2.991	2.991	0.000	99	54315	40.0	36.9	
29 Acetonitrile	40	3.046	3.046	0.000	99	23300	200.0	193.4	
30 Methylene Chloride	84	3.113	3.113	0.000	88	83638	20.0	19.6	
* 31 TBA-d9 (IS)	65	3.126	3.126	0.000	0	154732	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	3.211	3.211	0.000	99	36167	200.0	181.6	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	154207	20.0	19.1	
34 trans-1,2-Dichloroethene	96	3.321	3.321	0.000	93	93539	20.0	19.5	
35 Acrylonitrile	53	3.412	3.412	0.000	94	132456	200.0	184.4	
36 Hexane	57	3.504	3.504	0.000	92	130986	20.0	20.8	
37 Isopropyl ether	45	3.760	3.760	0.000	96	186752	20.0	19.2	
38 1,1-Dichloroethane	63	3.778	3.778	0.000	99	145874	20.0	19.3	
39 Vinyl acetate	86	3.814	3.814	0.000	99	21541	40.0	37.5	
40 2-Chloro-1,3-butadiene	88	3.827	3.827	0.000	90	79717	20.0	19.7	
41 Tert-butyl ethyl ether	59	4.125	4.125	0.000	89	169477	20.0	19.1	
43 2,2-Dichloropropane	79	4.345	4.345	0.000	95	42108	20.0	19.6	
* 42 2-Butanone-d5	46	4.351	4.351	0.000	96	151599	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.388	4.388	0.000	95	89685	20.0	19.1	
45 2-Butanone (MEK)	72	4.418	4.418	0.000	100	20870	100.0	89.2	
46 Ethyl acetate	70	4.436	4.436	0.000	96	8585	40.0	38.9	
47 Methyl acrylate	55	4.491	4.491	0.000	100	30639	20.0	17.8	
48 Propionitrile	54	4.570	4.570	0.000	97	46068	200.0	194.0	
49 Chlorobromomethane	128	4.650	4.650	0.000	78	38068	20.0	19.3	
50 Tetrahydrofuran	72	4.650	4.650	0.000	61	8896	40.0	41.1	
51 Methacrylonitrile	67	4.686	4.686	0.000	91	163200	200.0	177.3	
52 Chloroform	83	4.729	4.729	0.000	99	137873	20.0	19.1	
53 Cyclohexane	84	4.845	4.845	0.000	89	130340	20.0	20.3	
54 1,1,1-Trichloroethane	97	4.869	4.869	0.000	98	131707	20.0	19.8	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.912	0.000	97	176477	50.0	49.5	
56 Carbon tetrachloride	117	5.009	5.009	0.000	97	121504	20.0	20.1	
57 1,1-Dichloropropene	75	5.058	5.058	0.000	97	115991	20.0	20.5	
58 Isobutyl alcohol	43	5.272	5.272	0.000	88	75322	500.0	432.5	M
59 Benzene	78	5.284	5.284	0.000	96	299616	20.0	20.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	98	140386	50.0	46.2	
61 Tert-amyl methyl ether	87	5.387	5.387	0.000	94	44270	20.0	18.4	
63 1,2-Dichloroethane	62	5.406	5.406	0.000	96	76446	20.0	18.7	
62 Isopropyl acetate	61	5.406	5.406	0.000	97	22755	20.0	18.0	
64 n-Heptane	43	5.503	5.503	0.000	89	113225	20.0	20.2	
* 65 Fluorobenzene	96	5.643	5.643	0.000	99	507963	50.0	50.0	
67 Trichloroethene	95	6.070	6.070	0.000	96	83507	20.0	20.0	
66 n-Butanol	56	6.101	6.101	0.000	86	11890	500.0	320.9	
68 Methylcyclohexane	83	6.204	6.204	0.000	94	141890	20.0	20.6	
69 Ethyl acrylate	55	6.253	6.253	0.000	99	35511	20.0	19.7	
70 1,2-Dichloropropane	63	6.412	6.412	0.000	91	64990	20.0	19.7	
* 71 1,4-Dioxane-d8	96	6.497	6.497	0.000	0	15987	1000.0	1000.0	
72 Methyl methacrylate	100	6.546	6.546	0.000	85	21571	40.0	37.0	
73 1,4-Dioxane	88	6.564	6.564	0.000	73	8371	400.0	296.9	
74 Dibromomethane	93	6.570	6.570	0.000	93	35975	20.0	18.4	
75 n-Propyl acetate	43	6.625	6.625	0.000	97	43050	20.0	18.3	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	88332	20.0	19.0	
77 2-Nitropropane	41	7.137	7.137	0.000	98	18039	40.0	36.0	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	93	24108	20.0	19.3	
79 Epichlorohydrin	57	7.253	7.253	0.000	99	62347	400.0	380.1	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	91	99387	20.0	20.4	
81 4-Methyl-2-pentanone (MIBK)	43	7.466	7.466	0.000	96	140867	100.0	93.8	
$ 82 Toluene-d8 (Surr)	98	7.527	7.527	0.000	99	572842	50.0	51.5	
83 Toluene	91	7.600	7.600	0.000	92	304913	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
84 trans-1,3-Dichloropropene	75	7.923	7.923	0.000	95	78449	20.0	19.4	
85 Ethyl methacrylate	69	7.960	7.960	0.000	88	50792	20.0	18.5	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	95	39259	20.0	19.6	
87 Tetrachloroethene	166	8.125	8.125	0.000	98	87864	20.0	20.2	
88 1,3-Dichloropropane	76	8.259	8.259	0.000	92	72955	20.0	20.3	
89 2-Hexanone	43	8.314	8.314	0.000	95	90639	100.0	93.3	
90 n-Butyl acetate	73	8.411	8.411	0.000	98	9487	20.0	19.4	
91 Chlorodibromomethane	129	8.442	8.442	0.000	98	59240	20.0	20.1	
92 Ethylene Dibromide	107	8.545	8.545	0.000	98	45899	20.0	20.6	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	386947	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	98	179743	20.0	19.6	
95 Ethylbenzene	106	9.027	9.027	0.000	99	102980	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	9.039	9.039	0.000	95	62142	20.0	19.1	
97 m-Xylene & p-Xylene	106	9.131	9.131	0.000	0	125544	20.0	19.8	
98 n-Butyl acrylate	73	9.448	9.448	0.000	97	30618	20.0	18.2	
99 o-Xylene	106	9.460	9.460	0.000	94	117086	20.0	19.1	
100 Styrene	104	9.484	9.484	0.000	96	188686	20.0	19.3	
101 Amyl acetate (mixed isomers)	43	9.624	9.624	0.000	92	55100	20.0	18.8	
102 Bromoform	173	9.661	9.661	0.000	97	34082	20.0	19.0	
103 Isopropylbenzene	105	9.746	9.746	0.000	95	317680	20.0	19.9	
$ 104 4-Bromofluorobenzene	174	9.911	9.911	0.000	0	171873	50.0	51.3	
105 Bromobenzene	156	10.021	10.021	0.000	90	74279	20.0	19.3	
106 1,1,2,2-Tetrachloroethane	83	10.051	10.051	0.000	98	43607	20.0	18.2	
107 N-Propylbenzene	91	10.069	10.069	0.000	100	382072	20.0	19.9	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	95	12730	20.0	18.3	
109 trans-1,4-Dichloro-2-butene	53	10.100	10.100	0.000	89	10040	20.0	18.2	
110 4-Ethyltoluene	105	10.155	10.155	0.000	90	317267	20.0	18.9	
111 2-Chlorotoluene	91	10.161	10.161	0.000	88	234940	20.0	18.5	
112 1,3,5-Trimethylbenzene	105	10.210	10.210	0.000	95	255805	20.0	19.4	
113 4-Chlorotoluene	91	10.246	10.246	0.000	97	213614	20.0	19.2	
114 Butyl Methacrylate	87	10.277	10.277	0.000	88	65293	20.0	19.2	
115 tert-Butylbenzene	119	10.441	10.441	0.000	95	234521	20.0	19.7	
116 1,2,4-Trimethylbenzene	105	10.490	10.490	0.000	97	250733	20.0	19.1	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	353949	20.0	19.7	
118 4-Isopropyltoluene	119	10.709	10.709	0.000	98	296450	20.0	19.1	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	143572	20.0	18.6	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	92	207303	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.795	10.795	0.000	96	143018	20.0	18.5	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	241931	20.0	18.2	
123 Benzyl chloride	126	10.905	10.905	0.000	99	18833	20.0	19.4	
124 2,3-Dihydroindene	117	10.953	10.953	0.000	94	251110	20.0	18.1	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	166579	20.0	18.9	
126 n-Butylbenzene	92	11.008	11.008	0.000	96	155258	20.0	19.0	
127 1,2-Dichlorobenzene	146	11.069	11.069	0.000	98	121682	20.0	18.9	
128 1,2,4,5-Tetramethylbenzene	119	11.557	11.557	0.000	97	229877	20.0	18.5	
129 1,2-Dibromo-3-Chloropropane	157	11.661	11.661	0.000	93	7319	20.0	17.7	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	98	98820	20.0	18.4	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	93	68866	20.0	18.6	
132 Hexachlorobutadiene	225	12.429	12.429	0.000	95	53518	20.0	19.0	
133 Naphthalene	128	12.581	12.581	0.000	99	94159	20.0	19.0	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	49699	20.0	17.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	38.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.8	
S 137 Xylenes, Total	100				0		40.0	39.0	
S 138 Total BTEX	1				0		100.0	98.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

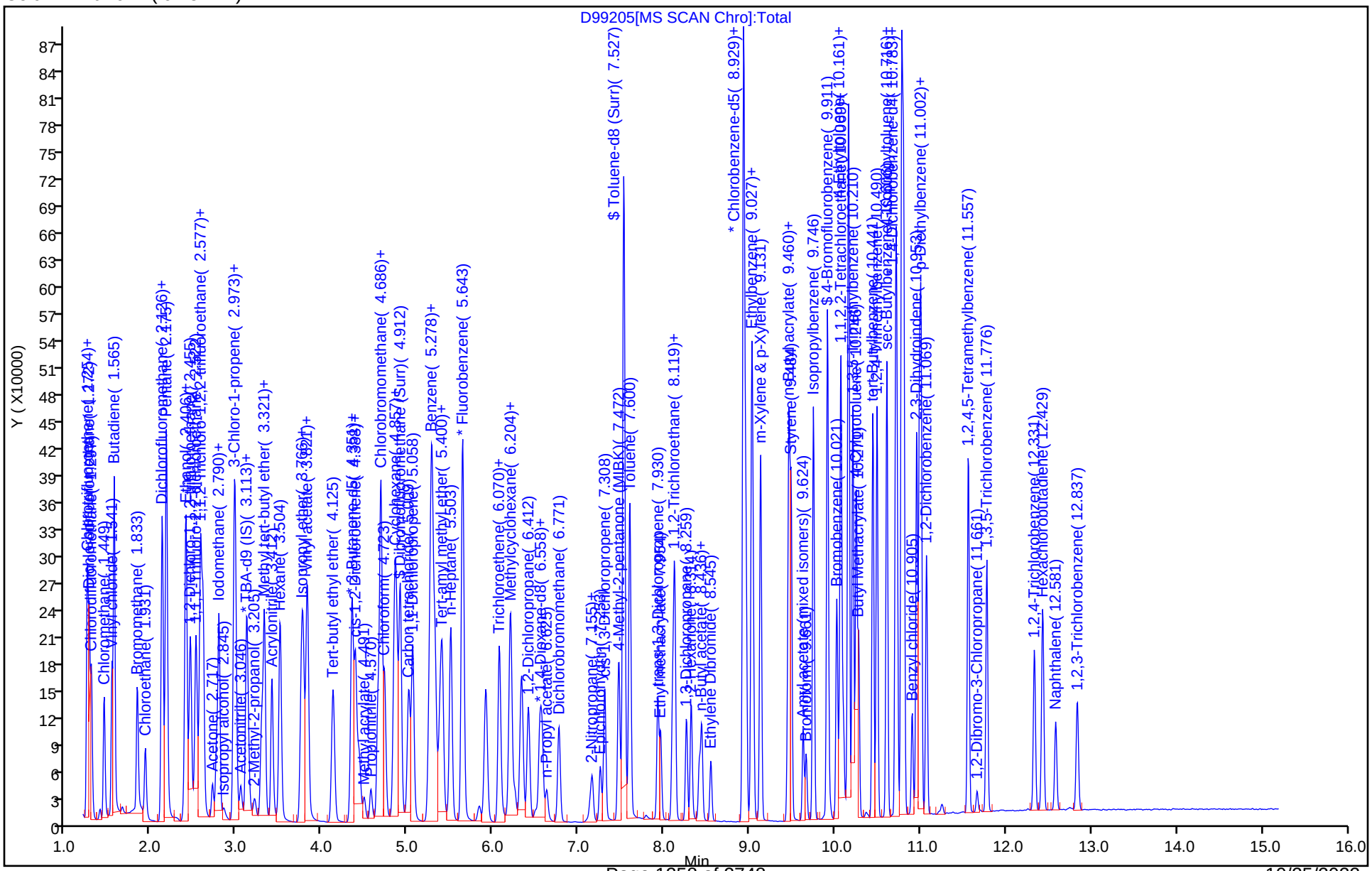
Report Date: 18-Oct-2022 13:45:00 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99205.D

Injection Date:	17-Oct-2022 06:09:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

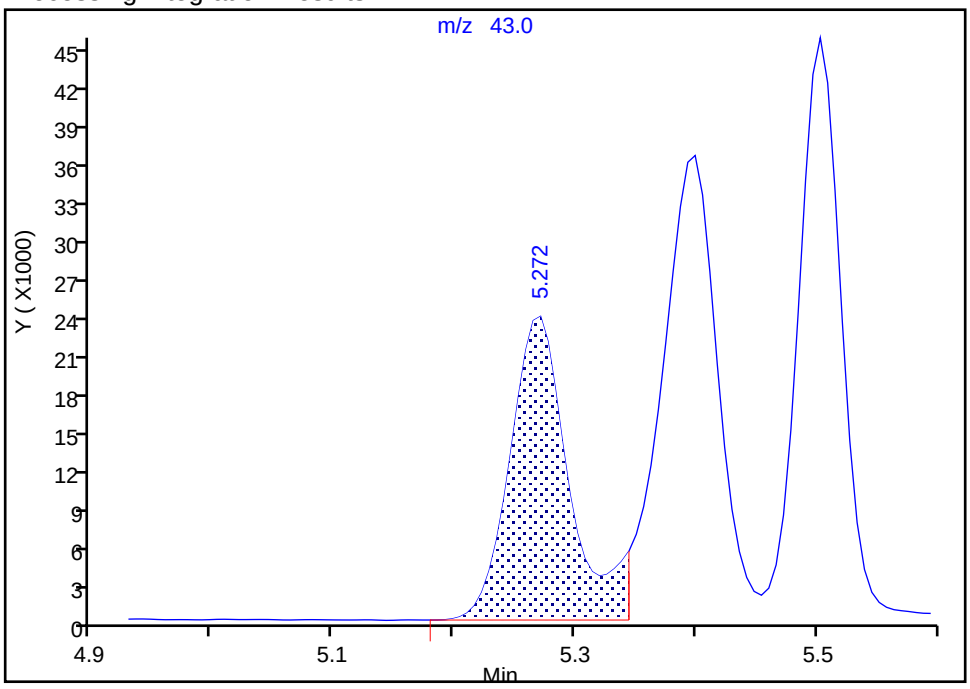
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99205.D
Injection Date: 17-Oct-2022 06:09:30 Instrument ID: CVOAMS4
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

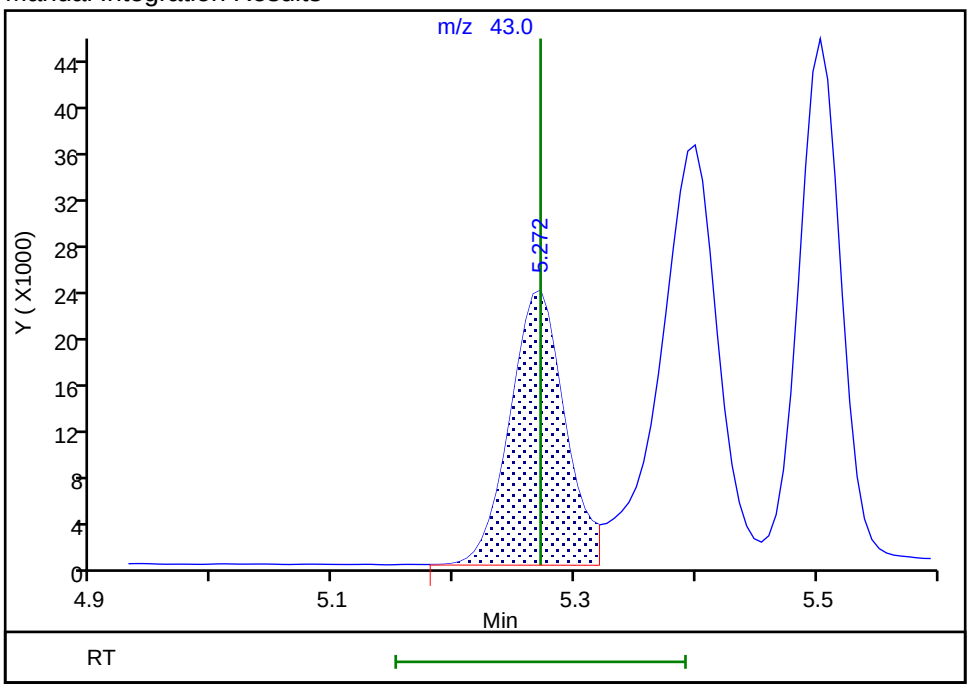
Processing Integration Results

RT: 5.27
Area: 81240
Amount: 462.9761
Amount Units: ug/l



Manual Integration Results

RT: 5.27
Area: 75322
Amount: 432.5049
Amount Units: ug/l



Reviewer: W9CM, 18-Oct-2022 13:20:32
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99206.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Oct-2022 06:32:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0151823-006
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:45:05 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: N1JZ Date: 17-Oct-2022 08:45:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	88	178025	50.0	49.4	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	96	165898	50.0	47.9	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	99	440176	50.0	47.8	
5 Chlorodifluoromethane	51	1.296	1.297	-0.001	98	386901	50.0	49.2	
6 Chloromethane	50	1.449	1.449	0.000	99	328989	50.0	45.7	
8 Vinyl chloride	62	1.540	1.541	-0.001	99	370447	50.0	48.1	
7 Butadiene	54	1.565	1.565	0.000	95	366738	50.0	48.3	
9 Bromomethane	94	1.833	1.833	0.000	99	187783	50.0	33.9	M
10 Chloroethane	64	1.924	1.931	-0.007	100	176617	50.0	48.6	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	99	406921	50.0	48.0	
11 Dichlorofluoromethane	67	2.126	2.126	0.000	98	434327	50.0	47.2	
12 Pentane	72	2.174	2.175	-0.001	96	101458	100.0	101.0	
15 Ethanol	46	2.382	2.376	0.006	96	21312	2000.0	2196.5	
14 Ethyl ether	59	2.394	2.394	0.000	91	134544	50.0	47.9	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	97	237255	50.0	52.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.455	2.455	0.000	86	224444	50.0	48.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	95	351934	50.0	49.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	98	290254	50.0	53.0	
19 Acrolein	56	2.577	2.577	0.000	98	124107	400.0	390.6	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	98	236433	50.0	50.5	
22 Acetone	43	2.717	2.717	0.000	87	147107	250.0	224.0	
23 Iodomethane	142	2.766	2.766	0.000	99	350342	50.0	47.1	
24 Carbon disulfide	76	2.790	2.790	0.000	99	857643	50.0	52.4	
25 Isopropyl alcohol	45	2.845	2.851	-0.006	98	58733	500.0	483.1	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	88	148446	50.0	51.6	
28 Cyclopentene	67	2.979	2.979	0.000	94	614634	50.0	51.0	
27 Methyl acetate	43	2.991	2.991	0.000	99	155927	100.0	98.6	
29 Acetonitrile	40	3.046	3.046	0.000	98	72216	500.0	559.4	
30 Methylene Chloride	84	3.113	3.113	0.000	89	227135	50.0	49.5	
* 31 TBA-d9 (IS)	65	3.132	3.126	0.006	0	165839	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	3.211	3.211	0.000	99	99987	500.0	469.7	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	438888	50.0	50.7	
34 trans-1,2-Dichloroethene	96	3.327	3.321	0.006	93	256418	50.0	49.9	
35 Acrylonitrile	53	3.412	3.412	0.000	93	378664	500.0	491.8	
36 Hexane	57	3.509	3.504	0.005	92	370093	50.0	54.8	
37 Isopropyl ether	45	3.759	3.760	-0.001	97	531188	50.0	50.8	
38 1,1-Dichloroethane	63	3.778	3.778	0.000	99	402866	50.0	49.8	
39 Vinyl acetate	86	3.814	3.814	0.000	99	63148	100.0	102.3	
40 2-Chloro-1,3-butadiene	88	3.833	3.827	0.006	91	222132	50.0	51.1	
41 Tert-butyl ethyl ether	59	4.125	4.125	0.000	90	489454	50.0	51.5	
43 2,2-Dichloropropane	79	4.345	4.345	0.000	94	114198	50.0	49.5	
* 42 2-Butanone-d5	46	4.351	4.351	0.000	95	168356	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.387	4.388	-0.001	94	246025	50.0	48.9	
45 2-Butanone (MEK)	72	4.418	4.418	0.000	100	62585	250.0	240.8	
46 Ethyl acetate	70	4.436	4.436	0.000	97	25243	100.0	103.1	
47 Methyl acrylate	55	4.491	4.491	0.000	100	90422	50.0	49.0	
48 Propionitrile	54	4.570	4.570	0.000	98	132493	500.0	502.4	
49 Chlorobromomethane	128	4.650	4.650	0.000	78	106495	50.0	50.2	
50 Tetrahydrofuran	72	4.650	4.650	0.000	62	25396	100.0	105.7	
51 Methacrylonitrile	67	4.686	4.686	0.000	91	478540	500.0	484.3	
52 Chloroform	83	4.729	4.729	0.000	99	389104	50.0	50.1	
53 Cyclohexane	84	4.851	4.845	0.006	89	364101	50.0	52.9	
54 1,1,1-Trichloroethane	97	4.875	4.869	0.006	98	367770	50.0	51.6	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.912	0.000	97	191328	50.0	50.0	
56 Carbon tetrachloride	117	5.009	5.009	0.000	97	341891	50.0	52.6	
57 1,1-Dichloropropene	75	5.058	5.058	0.000	97	325381	50.0	53.6	
58 Isobutyl alcohol	43	5.271	5.272	-0.001	95	220370	1250.0	1168.5	M
59 Benzene	78	5.284	5.284	0.000	96	856102	50.0	54.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	98	156534	50.0	48.0	
61 Tert-amyl methyl ether	87	5.387	5.387	0.000	94	129904	50.0	50.4	
63 1,2-Dichloroethane	62	5.405	5.406	-0.001	96	214343	50.0	48.7	
62 Isopropyl acetate	61	5.405	5.406	-0.001	97	66722	50.0	49.2	
64 n-Heptane	43	5.503	5.503	0.000	90	312990	50.0	52.1	
* 65 Fluorobenzene	96	5.643	5.643	0.000	99	545259	50.0	50.0	
67 Trichloroethene	95	6.070	6.070	0.000	97	228957	50.0	51.1	
66 n-Butanol	56	6.088	6.101	-0.013	87	44929	1250.0	1131.3	
68 Methylcyclohexane	83	6.204	6.204	0.000	94	397530	50.0	53.8	
69 Ethyl acrylate	55	6.253	6.253	0.000	99	106611	50.0	53.5	
70 1,2-Dichloropropane	63	6.411	6.412	-0.001	91	182014	50.0	51.3	
* 71 1,4-Dioxane-d8	96	6.503	6.497	0.006	0	16876	1000.0	1000.0	
72 Methyl methacrylate	100	6.545	6.546	-0.001	84	63357	100.0	101.2	
73 1,4-Dioxane	88	6.564	6.564	0.000	82	24004	1000.0	807.3	
74 Dibromomethane	93	6.570	6.570	0.000	94	100454	50.0	48.0	
75 n-Propyl acetate	43	6.625	6.625	0.000	98	129591	50.0	51.3	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	248301	50.0	49.9	
77 2-Nitropropane	41	7.137	7.137	0.000	99	51595	100.0	95.8	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	67540	50.1	50.4	
79 Epichlorohydrin	57	7.253	7.253	0.000	99	175841	1000.0	965.3	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	91	278797	50.0	54.1	
81 4-Methyl-2-pentanone (MIBK)	43	7.466	7.466	0.000	96	394441	250.0	236.5	
$ 82 Toluene-d8 (Surr)	98	7.527	7.527	0.000	99	621921	50.0	52.7	
83 Toluene	91	7.600	7.600	0.000	93	844626	50.0	52.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.923	7.923	0.000	95	230646	50.0	53.9	
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	140890	50.0	47.7	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	111361	50.0	52.5	
87 Tetrachloroethene	166	8.124	8.125	-0.001	98	250561	50.0	54.4	
88 1,3-Dichloropropane	76	8.265	8.259	0.006	91	205261	50.0	53.8	
89 2-Hexanone	43	8.313	8.314	-0.001	95	256554	250.0	237.7	
90 n-Butyl acetate	73	8.411	8.411	0.000	98	26056	50.0	50.2	
91 Chlorodibromomethane	129	8.441	8.442	-0.001	97	170321	50.0	54.4	
92 Ethylene Dibromide	107	8.545	8.545	0.000	99	128148	50.0	54.2	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	409899	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	97	505241	50.0	52.0	
95 Ethylbenzene	106	9.027	9.027	0.000	98	295187	50.0	52.0	
96 1,1,1,2-Tetrachloroethane	131	9.039	9.039	0.000	96	181316	50.0	52.7	
97 m-Xylene & p-Xylene	106	9.130	9.131	-0.001	0	357368	50.0	53.3	
98 n-Butyl acrylate	73	9.447	9.448	-0.001	97	88925	50.0	49.9	
99 o-Xylene	106	9.466	9.460	0.006	94	331131	50.0	51.1	
100 Styrene	104	9.490	9.484	0.006	96	549307	50.0	52.9	
101 Amyl acetate (mixed isomers)	43	9.624	9.624	0.000	91	157786	50.0	49.3	
102 Bromoform	173	9.661	9.661	0.000	97	101506	50.0	53.3	
103 Isopropylbenzene	105	9.746	9.746	0.000	95	913720	50.0	54.1	
$ 104 4-Bromofluorobenzene	174	9.911	9.911	0.000	0	189340	50.0	51.6	
105 Bromobenzene	156	10.020	10.021	-0.001	91	211385	50.0	50.1	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	99	127681	50.0	48.6	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	1087154	50.0	51.7	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	96	37124	50.0	48.6	
109 trans-1,4-Dichloro-2-butene	53	10.100	10.100	0.000	86	37108	50.0	61.4	
110 4-Ethyltoluene	105	10.161	10.155	0.006	99	921399	50.0	50.2	
111 2-Chlorotoluene	91	10.161	10.161	0.000	94	689754	50.0	49.6	
112 1,3,5-Trimethylbenzene	105	10.209	10.210	-0.001	93	730383	50.0	50.7	
113 4-Chlorotoluene	91	10.246	10.246	0.000	97	615800	50.0	50.5	
114 Butyl Methacrylate	87	10.276	10.277	-0.001	87	190938	50.0	51.2	
115 tert-Butylbenzene	119	10.441	10.441	0.000	95	664715	50.0	51.1	
116 1,2,4-Trimethylbenzene	105	10.490	10.490	0.000	98	731939	50.0	50.9	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	1026573	50.0	52.3	
118 4-Isopropyltoluene	119	10.709	10.709	0.000	98	862662	50.0	50.8	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	413231	50.0	48.9	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	-0.001	93	226904	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.795	10.795	0.000	96	410078	50.0	48.4	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	706978	50.0	48.7	
123 Benzyl chloride	126	10.904	10.905	-0.001	99	53774	50.0	50.6	
124 2,3-Dihydroindene	117	10.953	10.953	0.000	94	722164	50.0	48.6	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	480177	50.0	49.7	
126 n-Butylbenzene	92	11.008	11.008	0.000	96	460689	50.0	51.5	
127 1,2-Dichlorobenzene	146	11.069	11.069	0.000	98	347487	50.0	49.2	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	654851	50.0	48.2	
129 1,2-Dibromo-3-Chloropropane	157	11.660	11.661	-0.001	93	21317	50.0	47.1	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	98	278750	50.0	47.4	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	94	191757	50.0	47.2	
132 Hexachlorobutadiene	225	12.428	12.429	-0.001	94	150180	50.0	48.8	
133 Naphthalene	128	12.581	12.581	0.000	99	272805	50.0	51.2	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	143658	50.0	47.2	
S 135 1,2-Dichloroethene, Total	100				0		100.0	98.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		100.0	108.0	
S 137 Xylenes, Total	100				0		100.0	104.3	
S 138 Total BTEX	1				0		250.0	262.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00160	Amount Added:	5.00	Units: uL		
ACROLEIN W_00145	Amount Added:	4.00	Units: uL		
524freon_00058	Amount Added:	5.00	Units: uL		
GASES Li_00498	Amount Added:	5.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

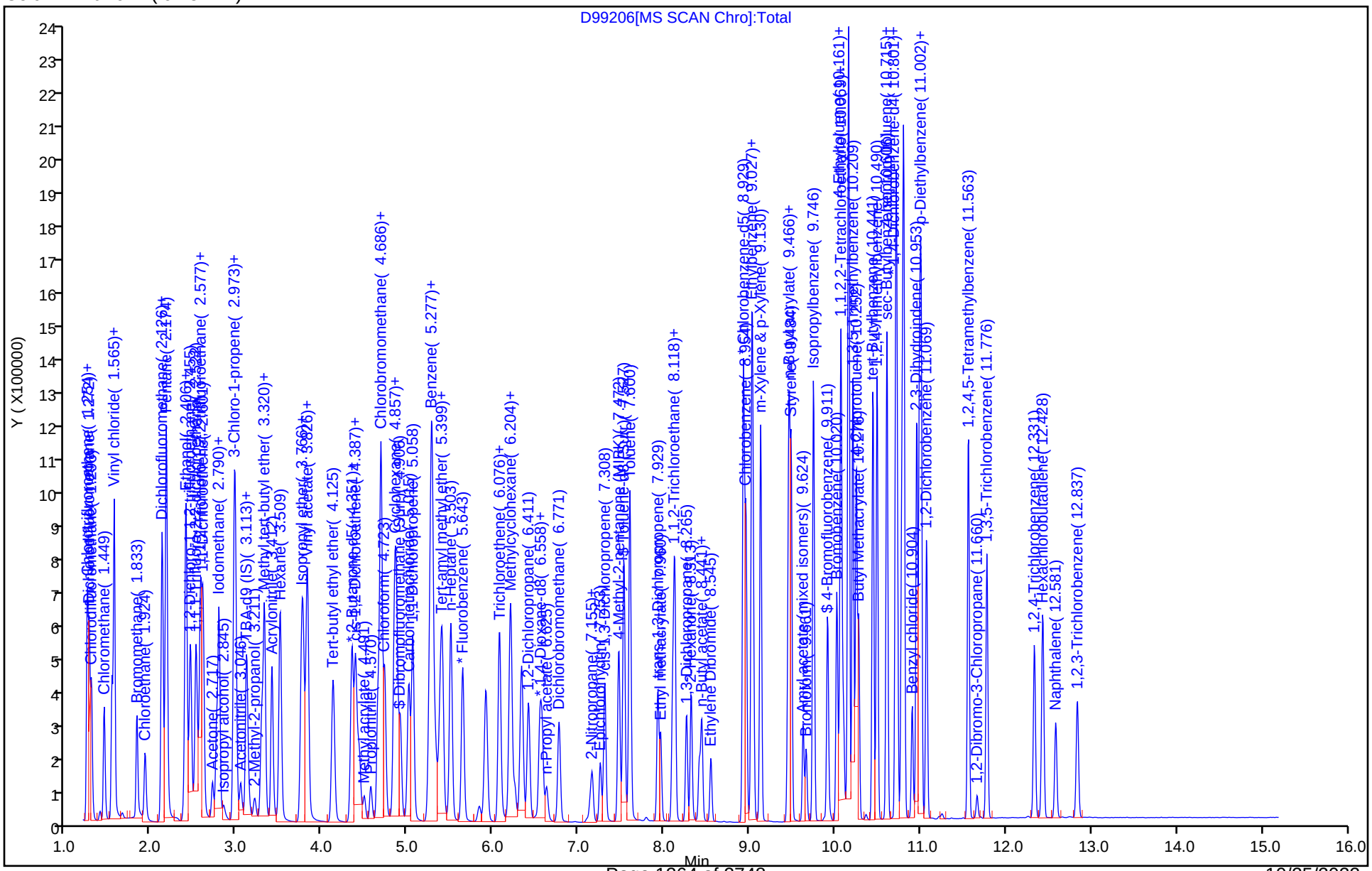
Report Date: 18-Oct-2022 13:45:06 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99206.D

Injection Date:	17-Oct-2022 06:32:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

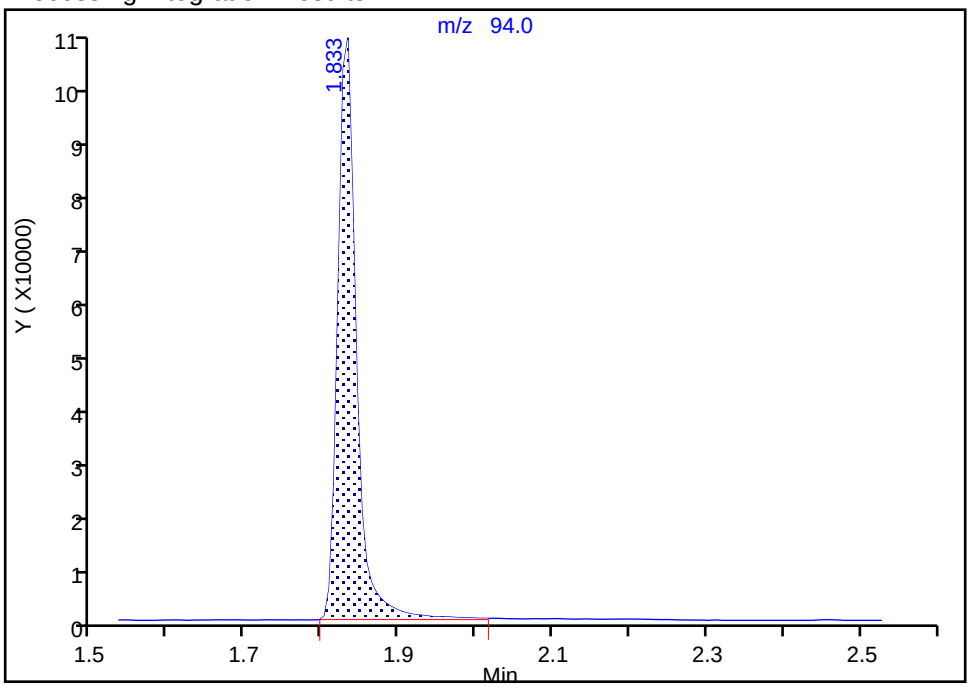
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Injection Date: 17-Oct-2022 06:32:30 Instrument ID: CVOAMS4
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

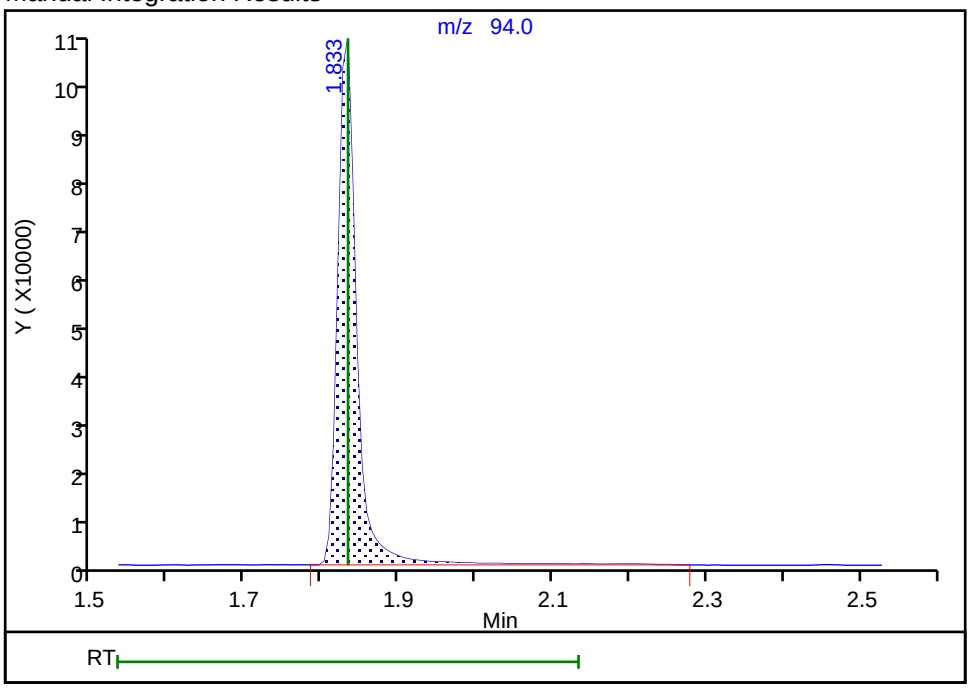
Processing Integration Results

RT: 1.83
Area: 184210
Amount: 33.248420
Amount Units: ug/l



Manual Integration Results

RT: 1.83
Area: 187783
Amount: 33.859317
Amount Units: ug/l



Reviewer: W9CM, 18-Oct-2022 13:42:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

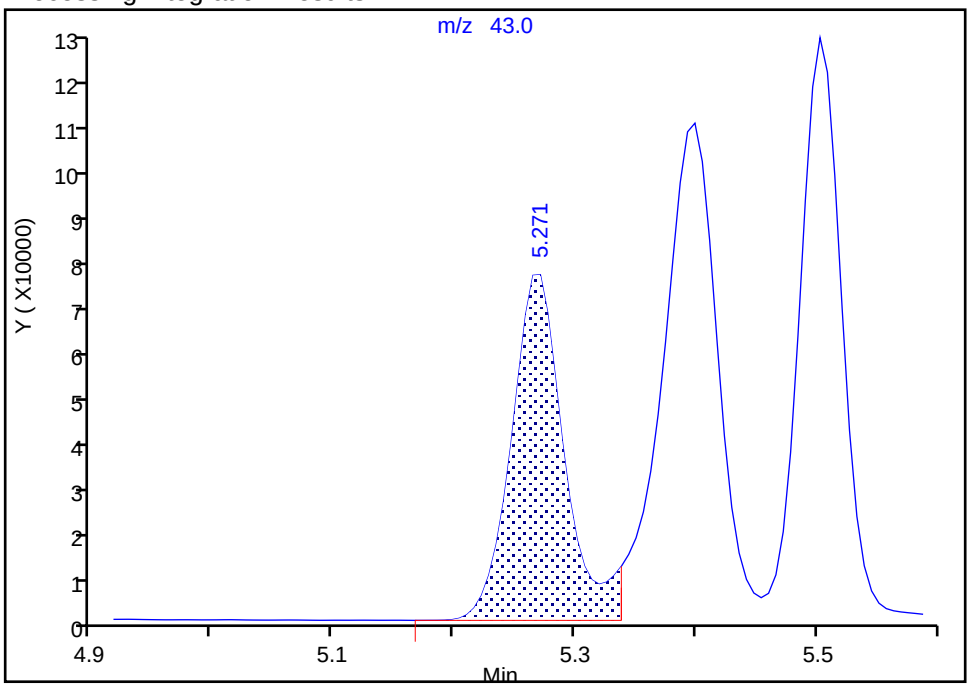
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Injection Date: 17-Oct-2022 06:32:30 Instrument ID: CVOAMS4
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

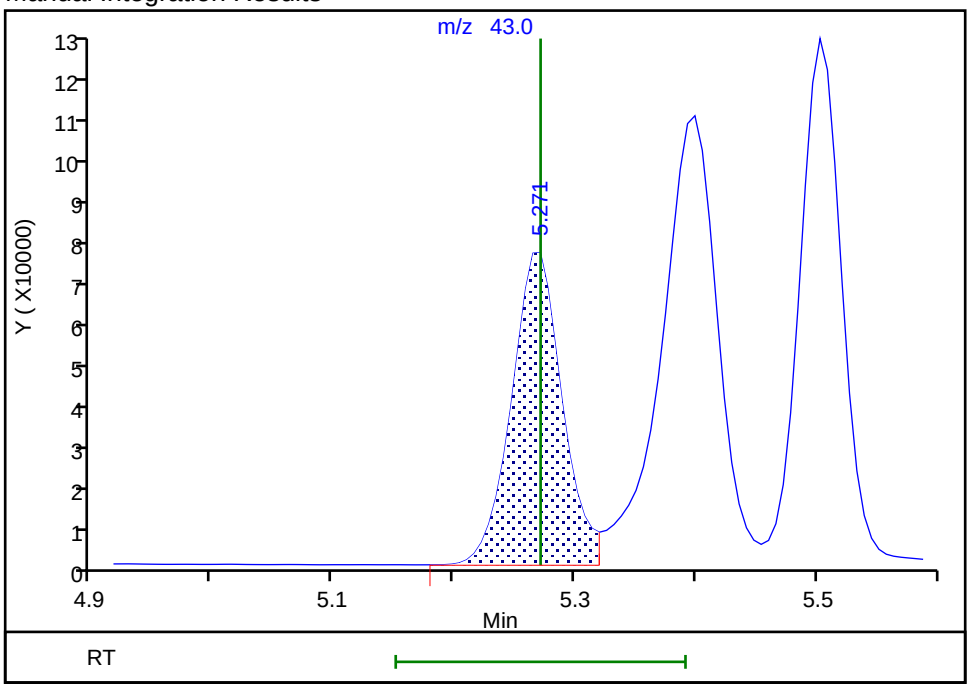
Processing Integration Results

RT: 5.27
Area: 230392
Amount: 1214.5653
Amount Units: ug/l



Manual Integration Results

RT: 5.27
Area: 220370
Amount: 1168.5325
Amount Units: ug/l



Reviewer: W9CM, 18-Oct-2022 13:21:03
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99207.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Oct-2022 06:54:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0151823-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:45:11 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: N1JZ Date: 17-Oct-2022 08:45:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	89	828530	200.0	199.3	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	96	735153	200.0	184.2	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	99	2262598	200.0	213.2	
5 Chlorodifluoromethane	51	1.297	1.297	0.000	97	1692061	200.0	186.6	
6 Chloromethane	50	1.449	1.449	0.000	99	1621225	200.0	195.3	
8 Vinyl chloride	62	1.540	1.541	-0.001	99	1872689	200.0	210.8	
7 Butadiene	54	1.565	1.565	0.000	95	1855980	200.0	212.2	
9 Bromomethane	94	1.833	1.833	0.000	99	1098974	200.0	210.3	
10 Chloroethane	64	1.924	1.931	-0.007	100	854723	200.0	204.0	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	98	2069860	200.0	211.9	
11 Dichlorofluoromethane	67	2.126	2.126	0.000	98	2136457	200.0	201.2	
12 Pentane	72	2.174	2.175	-0.001	96	466087	400.0	402.5	
15 Ethanol	46	2.376	2.376	0.000	95	95458	8000.0	7917.8	
14 Ethyl ether	59	2.394	2.394	0.000	93	654768	200.0	202.3	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	97	1129911	200.0	215.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.455	2.455	0.000	85	1081495	200.0	204.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	95	1650253	200.0	200.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	98	1300181	200.0	205.9	
19 Acrolein	56	2.577	2.577	0.000	96	179785	500.0	490.8	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	98	1075932	200.0	199.2	
22 Acetone	43	2.717	2.717	0.000	87	771774	1000.0	1012.2	
23 Iodomethane	142	2.766	2.766	0.000	99	1656496	200.0	202.1	
24 Carbon disulfide	76	2.790	2.790	0.000	99	3770392	200.0	199.7	
25 Isopropyl alcohol	45	2.845	2.851	-0.006	98	277383	2000.0	1891.8	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	89	656967	200.0	198.2	
28 Cyclopentene	67	2.979	2.979	0.000	93	2969239	200.0	213.7	
27 Methyl acetate	43	2.991	2.991	0.000	97	760079	400.0	416.8	
29 Acetonitrile	40	3.046	3.046	0.000	99	314474	2000.0	2019.6	
30 Methylene Chloride	84	3.113	3.113	0.000	89	1044117	200.0	197.5	
* 31 TBA-d9 (IS)	65	3.132	3.126	0.006	0	200021	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	3.205	3.211	-0.006	98	510054	2000.0	2014.8	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	2106733	200.0	211.1	
34 trans-1,2-Dichloroethene	96	3.327	3.321	0.006	93	1184608	200.0	199.8	
35 Acrylonitrile	53	3.412	3.412	0.000	94	1864823	2000.0	2007.9	
36 Hexane	57	3.510	3.504	0.006	92	1639054	200.0	210.7	
37 Isopropyl ether	45	3.759	3.760	-0.001	97	2608352	200.0	216.5	
38 1,1-Dichloroethane	63	3.778	3.778	0.000	99	1928880	200.0	206.7	
39 Vinyl acetate	86	3.814	3.814	0.000	99	325752	400.0	457.8	
40 2-Chloro-1,3-butadiene	88	3.833	3.827	0.006	90	1120769	200.0	223.8	
41 Tert-butyl ethyl ether	59	4.125	4.125	0.000	89	2376972	200.0	216.9	
43 2,2-Dichloropropane	79	4.345	4.345	0.000	95	535171	200.0	201.2	
* 42 2-Butanone-d5	46	4.357	4.351	0.006	98	201705	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.387	4.388	-0.001	98	1165303	200.0	200.8	
45 2-Butanone (MEK)	72	4.418	4.418	0.000	99	320380	1000.0	1028.8	
46 Ethyl acetate	70	4.436	4.436	0.000	98	120008	400.0	409.1	
47 Methyl acrylate	55	4.491	4.491	0.000	100	431569	200.0	202.9	
48 Propionitrile	54	4.570	4.570	0.000	98	623480	2000.0	1973.5	
49 Chlorobromomethane	128	4.656	4.650	0.006	81	485656	200.0	198.7	
50 Tetrahydrofuran	72	4.650	4.650	0.000	78	129426	400.0	449.7	
51 Methacrylonitrile	67	4.692	4.686	0.006	90	2505655	2000.0	2199.5	
52 Chloroform	83	4.729	4.729	0.000	99	1865848	200.0	208.5	
53 Cyclohexane	84	4.851	4.845	0.006	90	1658643	200.0	209.2	
54 1,1,1-Trichloroethane	97	4.875	4.869	0.006	98	1742167	200.0	212.1	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.912	0.000	97	219614	50.0	49.8	
56 Carbon tetrachloride	117	5.015	5.009	0.006	97	1563697	200.0	208.8	
57 1,1-Dichloropropene	75	5.058	5.058	0.000	97	1443553	200.0	206.4	
58 Isobutyl alcohol	43	5.271	5.272	-0.001	90	1207899	5000.0	5038.9	
59 Benzene	78	5.290	5.284	0.006	96	4153264	200.0	206.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	94	196042	50.0	52.2	
61 Tert-amyl methyl ether	87	5.387	5.387	0.000	91	655859	200.0	220.6	
63 1,2-Dichloroethane	62	5.412	5.406	0.006	97	1038792	200.0	204.8	
62 Isopropyl acetate	61	5.405	5.406	-0.001	98	333455	200.0	213.2	
64 n-Heptane	43	5.503	5.503	0.000	89	1385502	200.0	200.1	
* 65 Fluorobenzene	96	5.643	5.643	0.000	99	628593	50.0	50.0	
67 Trichloroethene	95	6.070	6.070	0.000	97	1061174	200.0	205.6	
66 n-Butanol	56	6.076	6.101	-0.025	86	270685	5000.0	5651.1	
68 Methylcyclohexane	83	6.204	6.204	0.000	94	1780389	200.0	209.1	
69 Ethyl acrylate	55	6.253	6.253	0.000	99	556438	200.0	215.7	
70 1,2-Dichloropropane	63	6.411	6.412	-0.001	91	860742	200.0	210.3	
* 71 1,4-Dioxane-d8	96	6.503	6.497	0.006	0	16989	1000.0	1000.0	M
72 Methyl methacrylate	100	6.546	6.546	0.000	88	317002	400.0	439.4	
73 1,4-Dioxane	88	6.564	6.564	0.000	94	121781	4000.0	4090.7	
74 Dibromomethane	93	6.570	6.570	0.000	96	495324	200.0	205.1	
75 n-Propyl acetate	43	6.625	6.625	0.000	97	614752	200.0	211.0	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	1188297	200.0	207.0	
77 2-Nitropropane	41	7.137	7.137	0.000	98	250454	400.0	402.2	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	318933	200.5	206.6	
79 Epichlorohydrin	57	7.253	7.253	0.000	98	885622	4000.0	4058.1	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	91	1365013	200.0	208.5	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.466	0.006	95	2103772	1000.0	1052.9	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	727513	50.0	48.6	
83 Toluene	91	7.600	7.600	0.000	93	4189648	200.0	203.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.929	7.923	0.006	96	1120278	200.0	206.2	
85 Ethyl methacrylate	69	7.960	7.960	0.000	90	720276	200.0	211.5	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	548211	200.0	203.4	
87 Tetrachloroethene	166	8.124	8.125	-0.001	97	1187142	200.0	203.0	
88 1,3-Dichloropropane	76	8.265	8.259	0.006	92	991450	200.0	204.6	
89 2-Hexanone	43	8.313	8.314	-0.001	95	1367236	1000.0	1057.4	
90 n-Butyl acetate	73	8.411	8.411	0.000	98	126568	200.0	192.1	
91 Chlorodibromomethane	129	8.441	8.442	-0.001	98	860693	200.0	216.7	
92 Ethylene Dibromide	107	8.545	8.545	0.000	98	617571	200.0	205.7	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	88	520442	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	97	2498728	200.0	202.7	
95 Ethylbenzene	106	9.027	9.027	0.000	98	1486246	200.0	206.1	
96 1,1,1,2-Tetrachloroethane	131	9.039	9.039	0.000	96	954792	200.0	218.4	
97 m-Xylene & p-Xylene	106	9.130	9.131	-0.001	0	1734437	200.0	203.6	
98 n-Butyl acrylate	73	9.447	9.448	-0.001	97	456620	200.0	202.0	
99 o-Xylene	106	9.466	9.460	0.006	94	1729935	200.0	210.1	
100 Styrene	104	9.490	9.484	0.006	96	2855627	200.0	216.7	
101 Amyl acetate (mixed isomers)	43	9.624	9.624	0.000	91	779405	200.0	202.8	
102 Bromoform	173	9.661	9.661	0.000	97	537843	200.0	222.5	
103 Isopropylbenzene	105	9.746	9.746	0.000	96	4470401	200.0	208.3	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	214941	50.0	48.9	
105 Bromobenzene	156	10.020	10.021	-0.001	92	1035852	200.0	204.7	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	98	662980	200.0	210.4	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	5336997	200.0	211.3	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	96	185658	200.0	202.7	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	87	149560	200.0	206.3	
110 4-Ethyltoluene	105	10.161	10.155	0.006	90	4785970	200.0	217.2	
111 2-Chlorotoluene	91	10.161	10.161	0.000	92	3656432	200.0	219.2	
112 1,3,5-Trimethylbenzene	105	10.209	10.210	-0.001	93	3590346	200.0	207.7	
113 4-Chlorotoluene	91	10.252	10.246	0.006	97	3020065	200.0	206.6	
114 Butyl Methacrylate	87	10.276	10.277	-0.001	87	938978	200.0	209.9	
115 tert-Butylbenzene	119	10.447	10.441	0.006	94	3281066	200.0	210.1	
116 1,2,4-Trimethylbenzene	105	10.496	10.490	0.006	97	3604933	200.0	208.9	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	4979696	200.0	211.4	
118 4-Isopropyltoluene	119	10.715	10.709	0.006	97	4330242	200.0	212.6	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	2119943	200.0	209.1	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	-0.001	86	272268	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.795	0.006	95	2098696	200.0	206.3	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	3716768	200.0	213.4	
123 Benzyl chloride	126	10.904	10.905	-0.001	99	265519	200.0	208.3	
124 2,3-Dihydroindene	117	10.959	10.953	0.006	94	3624753	200.0	211.6	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	2442647	200.0	210.7	
126 n-Butylbenzene	92	11.008	11.008	0.000	97	2265515	200.0	211.0	
127 1,2-Dichlorobenzene	146	11.069	11.069	0.000	97	1717453	200.0	202.8	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	3390938	200.0	208.0	
129 1,2-Dibromo-3-Chloropropane	157	11.660	11.661	-0.001	93	106549	200.0	196.0	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	98	1385824	200.0	196.2	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	94	899977	200.0	184.8	
132 Hexachlorobutadiene	225	12.429	12.429	-0.001	95	727524	200.0	196.9	
133 Naphthalene	128	12.581	12.581	0.000	99	1258238	200.0	199.7	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	652081	200.0	178.5	
S 135 1,2-Dichloroethene, Total	100				0		400.0	400.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		400.0	414.7	
S 137 Xylenes, Total	100				0		400.0	413.8	
S 138 Total BTEX	1				0		1000.0	1029.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00145	Amount Added:	5.00	Units: uL		
Ethanol mix_00069	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00128	Amount Added:	2.00	Units: uL		
MIX I Hi_00155	Amount Added:	2.00	Units: uL		
8FreonHi_00049	Amount Added:	2.00	Units: uL		
GAS Hi_00426	Amount Added:	2.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 18-Oct-2022 13:45:12 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99207.D

Injection Date: 17-Oct-2022 06:54:30 Instrument ID: CVOAMS4 Operator ID:

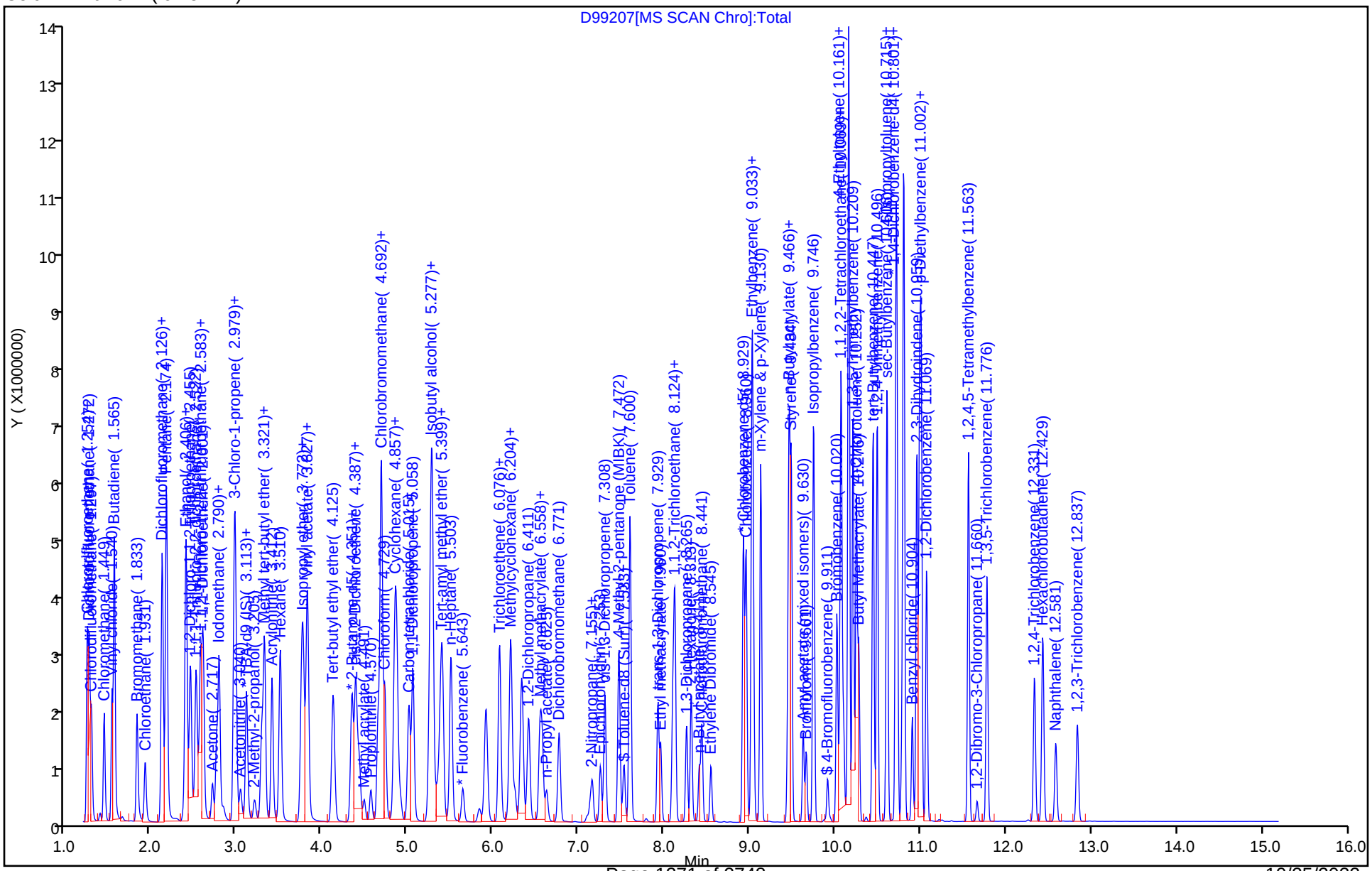
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

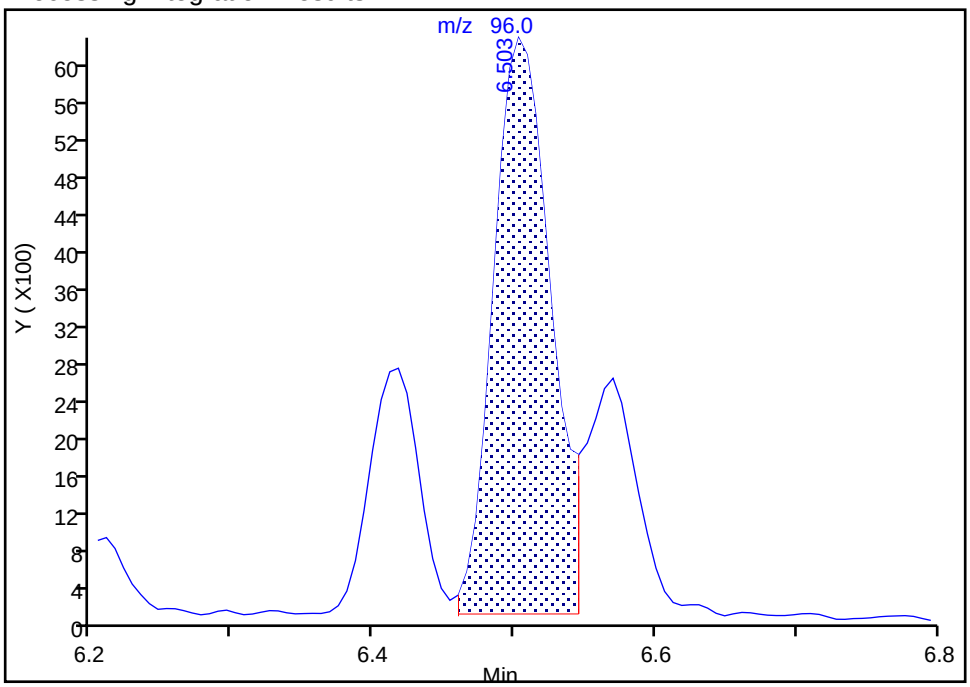
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Injection Date: 17-Oct-2022 06:54:30 Instrument ID: CVOAMS4
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 71 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

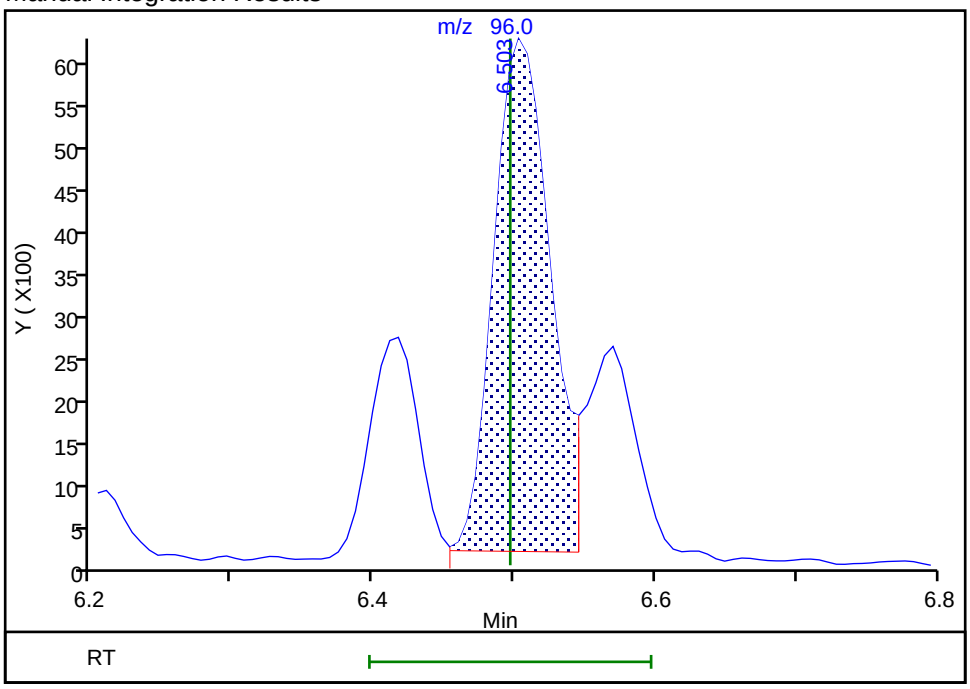
Processing Integration Results

RT: 6.50
Area: 17489
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.50
Area: 16989
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:27:50
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 17-Oct-2022 07:17:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0151823-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 13:45:16 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: N1JZ Date: 17-Oct-2022 08:45:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	87	2253562	500.0	488.9	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	95	2011298	500.0	454.5	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	99	6326452	500.0	537.6	
5 Chlorodifluoromethane	51	1.297	1.297	0.000	97	4412551	500.0	438.9	
6 Chloromethane	50	1.449	1.449	0.000	99	4630160	500.0	502.9	
8 Vinyl chloride	62	1.541	1.541	0.000	99	4966194	500.0	504.1	
7 Butadiene	54	1.565	1.565	0.000	94	4983266	500.0	513.8	
9 Bromomethane	94	1.827	1.833	-0.006	99	1828758	500.0	471.5	M
10 Chloroethane	64	1.925	1.931	-0.006	99	2559227	500.0	550.7	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	98	5892282	500.0	544.1	
11 Dichlorofluoromethane	67	2.126	2.126	0.000	98	6196253	500.0	526.3	
12 Pentane	72	2.175	2.175	0.000	95	1435205	1000.0	1117.8	
15 Ethanol	46	2.382	2.376	0.006	93	278177	20000	20010	
14 Ethyl ether	59	2.394	2.394	0.000	91	1956987	500.0	545.2	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	96	3348290	500.0	575.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.455	0.006	85	3010133	500.0	512.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	94	4771923	500.0	521.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	97	3769547	500.0	538.2	
19 Acrolein	56	2.577	2.577	0.000	95	264056	600.0	650.1	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	97	3103730	500.0	518.3	
22 Acetone	43	2.717	2.717	0.000	87	2058678	2500.0	2498.1	
23 Iodomethane	142	2.766	2.766	0.000	99	4141902	500.0	499.6	
24 Carbon disulfide	76	2.790	2.790	0.000	99	10523376	500.0	502.6	
25 Isopropyl alcohol	45	2.845	2.851	-0.006	98	765255	5000.0	4806.7	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	93	1852829	500.0	504.0	
28 Cyclopentene	67	2.979	2.979	0.000	94	8696997	500.0	564.6	
27 Methyl acetate	43	2.991	2.991	0.000	98	2129942	1000.0	1053.4	
29 Acetonitrile	40	3.046	3.046	0.000	99	837927	5000.0	4956.0	
30 Methylene Chloride	84	3.113	3.113	0.000	88	2938049	500.0	501.1	
* 31 TBA-d9 (IS)	65	3.138	3.126	0.012	0	217186	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	3.211	3.211	0.000	98	1336143	5000.0	4997.9	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	5890043	500.0	532.3	
34 trans-1,2-Dichloroethene	96	3.327	3.321	0.006	93	3449525	500.0	524.8	
35 Acrylonitrile	53	3.412	3.412	0.000	93	5217231	5000.0	5173.6	
36 Hexane	57	3.510	3.504	0.006	91	4782110	500.0	554.3	
37 Isopropyl ether	45	3.760	3.760	0.000	96	7530739	500.0	563.7	
38 1,1-Dichloroethane	63	3.778	3.778	0.000	100	5625471	500.0	543.6	
39 Vinyl acetate	86	3.821	3.814	0.007	99	929740	1000.0	1178.4	
40 2-Chloro-1,3-butadiene	88	3.833	3.827	0.006	90	3320226	500.0	598.0	
41 Tert-butyl ethyl ether	59	4.125	4.125	0.000	90	6783030	500.0	558.3	
43 2,2-Dichloropropane	79	4.351	4.345	0.006	94	1525520	500.0	517.1	
* 42 2-Butanone-d5	46	4.357	4.351	0.006	98	232025	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.388	4.388	0.000	94	3367052	500.0	523.2	
45 2-Butanone (MEK)	72	4.418	4.418	0.000	99	880331	2500.0	2457.4	
46 Ethyl acetate	70	4.436	4.436	0.000	97	341582	1000.0	1012.2	
47 Methyl acrylate	55	4.491	4.491	0.000	99	1235542	500.0	523.7	
48 Propionitrile	54	4.577	4.570	0.007	98	1754911	5000.0	4828.9	
49 Chlorobromomethane	128	4.656	4.650	0.006	78	1324490	500.0	488.7	
50 Tetrahydrofuran	72	4.650	4.650	0.000	84	355592	1000.0	1074.0	
51 Methacrylonitrile	67	4.698	4.686	0.012	89	7485333	5000.0	5925.5	
52 Chloroform	83	4.735	4.729	0.006	99	5326441	500.0	536.8	
53 Cyclohexane	84	4.851	4.845	0.006	88	4918392	500.0	559.4	
54 1,1,1-Trichloroethane	97	4.875	4.869	0.006	98	5113869	500.0	561.5	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.912	0.006	98	246709	50.0	50.4	
56 Carbon tetrachloride	117	5.015	5.009	0.006	97	4482097	500.0	539.7	
57 1,1-Dichloropropene	75	5.064	5.058	0.006	98	4074924	500.0	525.3	
58 Isobutyl alcohol	43	5.272	5.272	0.000	91	3572874	12500	12495	
59 Benzene	78	5.290	5.284	0.006	96	12323243	500.0	515.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	92	253787	50.0	60.9	
61 Tert-amyl methyl ether	87	5.393	5.387	0.006	94	1958102	500.0	594.0	
63 1,2-Dichloroethane	62	5.412	5.406	0.006	97	2948082	500.0	524.2	
62 Isopropyl acetate	61	5.406	5.406	0.000	99	990262	500.0	571.0	
64 n-Heptane	43	5.509	5.503	0.006	88	4088126	500.0	532.3	
* 65 Fluorobenzene	96	5.643	5.643	0.000	99	697027	50.0	50.0	
67 Trichloroethene	95	6.076	6.070	0.006	98	3125392	500.0	546.0	
66 n-Butanol	56	6.076	6.101	-0.025	84	860079	12500	16537	
68 Methylcyclohexane	83	6.204	6.204	0.000	94	5269239	500.0	558.1	
69 Ethyl acrylate	55	6.253	6.253	0.000	99	1639976	500.0	486.6	
70 1,2-Dichloropropane	63	6.418	6.412	0.006	91	2436097	500.0	536.8	
* 71 1,4-Dioxane-d8	96	6.509	6.497	0.012	0	19444	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.546	0.006	92	931436	1000.0	1164.2	
73 1,4-Dioxane	88	6.570	6.564	0.006	89	336935	10000	9987.3	
74 Dibromomethane	93	6.576	6.570	0.006	94	1436956	500.0	536.7	
75 n-Propyl acetate	43	6.625	6.625	0.000	97	1707743	500.0	528.5	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	3334185	500.0	523.9	
77 2-Nitropropane	41	7.137	7.137	0.000	97	694637	1000.0	999.7	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	911355	501.2	532.4	
79 Epichlorohydrin	57	7.259	7.253	0.006	98	2380394	10000	9482.1	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	90	3888151	500.0	499.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.466	0.006	95	5668070	2500.0	2466.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	811646	50.0	45.6	
83 Toluene	91	7.600	7.600	0.000	94	11912238	500.0	487.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.930	7.923	0.007	94	3165285	500.0	490.3	
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	1941952	500.0	514.2	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	1561201	500.0	487.6	
87 Tetrachloroethene	166	8.125	8.125	0.000	97	3565727	500.0	513.3	
88 1,3-Dichloropropane	76	8.265	8.259	0.006	91	2697292	500.0	468.6	
89 2-Hexanone	43	8.320	8.314	0.006	94	3572227	2500.0	2401.7	
90 n-Butyl acetate	73	8.411	8.411	0.000	98	346869	500.0	443.2	
91 Chlorodibromomethane	129	8.442	8.442	0.000	97	2404019	500.0	509.5	
92 Ethylene Dibromide	107	8.551	8.545	0.006	98	1660676	500.0	465.7	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	84	618292	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	96	7128338	500.0	486.8	
95 Ethylbenzene	106	9.033	9.027	0.006	98	4524093	500.0	527.9	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.039	0.006	97	2857485	500.0	550.3	
97 m-Xylene & p-Xylene	106	9.131	9.131	-0.001	0	5035561	500.0	497.7	
98 n-Butyl acrylate	73	9.448	9.448	0.000	98	1343035	500.0	500.1	
99 o-Xylene	106	9.466	9.460	0.006	95	5034789	500.0	514.8	
100 Styrene	104	9.490	9.484	0.006	95	8051305	500.0	514.4	
101 Amyl acetate (mixed isomers)	43	9.630	9.624	0.006	91	2120555	500.0	467.3	
102 Bromoform	173	9.661	9.661	0.000	97	1486050	500.0	517.5	
103 Isopropylbenzene	105	9.752	9.746	0.006	96	12401857	500.0	486.4	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	230586	50.0	44.4	
105 Bromobenzene	156	10.021	10.021	0.000	95	2966224	500.0	496.3	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	98	1865539	500.0	501.3	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	14425949	500.0	483.7	e
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	94	510916	500.0	472.3	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	87	403915	500.0	471.7	
110 4-Ethyltoluene	105	10.161	10.155	0.006	87	13717318	500.0	527.2	e
111 2-Chlorotoluene	91	10.161	10.161	0.000	91	10951909	500.0	555.9	
112 1,3,5-Trimethylbenzene	105	10.210	10.210	0.000	93	10951578	500.0	536.6	
113 4-Chlorotoluene	91	10.252	10.246	0.006	97	8761885	500.0	507.4	
114 Butyl Methacrylate	87	10.277	10.277	0.000	86	2864061	500.0	542.2	
115 tert-Butylbenzene	119	10.447	10.441	0.006	94	9805275	500.0	531.8	
116 1,2,4-Trimethylbenzene	105	10.496	10.490	0.006	97	10807872	500.0	530.4	
117 sec-Butylbenzene	105	10.606	10.606	0.000	96	14011891	500.0	503.8	e
118 4-Isopropyltoluene	119	10.716	10.709	0.007	96	13042895	500.0	542.2	e
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	6627134	500.0	553.4	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	88	321536	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.795	0.006	95	6533916	500.0	543.8	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	11606250	500.0	564.1	
123 Benzyl chloride	126	10.905	10.905	0.000	100	797839	500.0	529.9	
124 2,3-Dihydroindene	117	10.959	10.953	0.006	94	10489391	500.0	552.3	
125 p-Diethylbenzene	119	10.990	10.990	0.000	92	7851543	500.0	573.4	a
126 n-Butylbenzene	92	11.008	11.008	0.000	99	7298864	500.0	575.7	
127 1,2-Dichlorobenzene	146	11.075	11.069	0.006	98	5264974	500.0	526.5	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	10566977	500.0	548.9	
129 1,2-Dibromo-3-Chloropropane	157	11.667	11.661	0.006	91	305786	500.0	476.3	
130 1,3,5-Trichlorobenzene	180	11.782	11.776	0.006	98	4493149	500.0	538.6	
131 1,2,4-Trichlorobenzene	180	12.337	12.331	0.006	94	2808552	500.0	488.2	
132 Hexachlorobutadiene	225	12.435	12.429	0.006	94	2394324	500.0	548.7	
133 Naphthalene	128	12.581	12.581	0.000	99	3655749	500.0	500.0	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	1991923	500.0	461.6	
S 135 1,2-Dichloroethene, Total	100				0		1000.0	1048.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		1000.0	990.2	
S 137 Xylenes, Total	100				0		1000.0	1012.4	
S 138 Total BTEX	1				0		2500.0	2543.1	

QC Flag Legend

Processing Flags
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GAS Hi_00426	Amount Added:	5.00	Units: uL		
MIX I Hi_00155	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00128	Amount Added:	5.00	Units: uL		
Ethanol mix_00069	Amount Added:	5.00	Units: uL		
8FreonHi_00049	Amount Added:	5.00	Units: uL		
ACROLEIN W_00145	Amount Added:	6.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 18-Oct-2022 13:45:17 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Injection Date: 17-Oct-2022 07:17:30 Instrument ID: CVOAMS4 Operator ID:

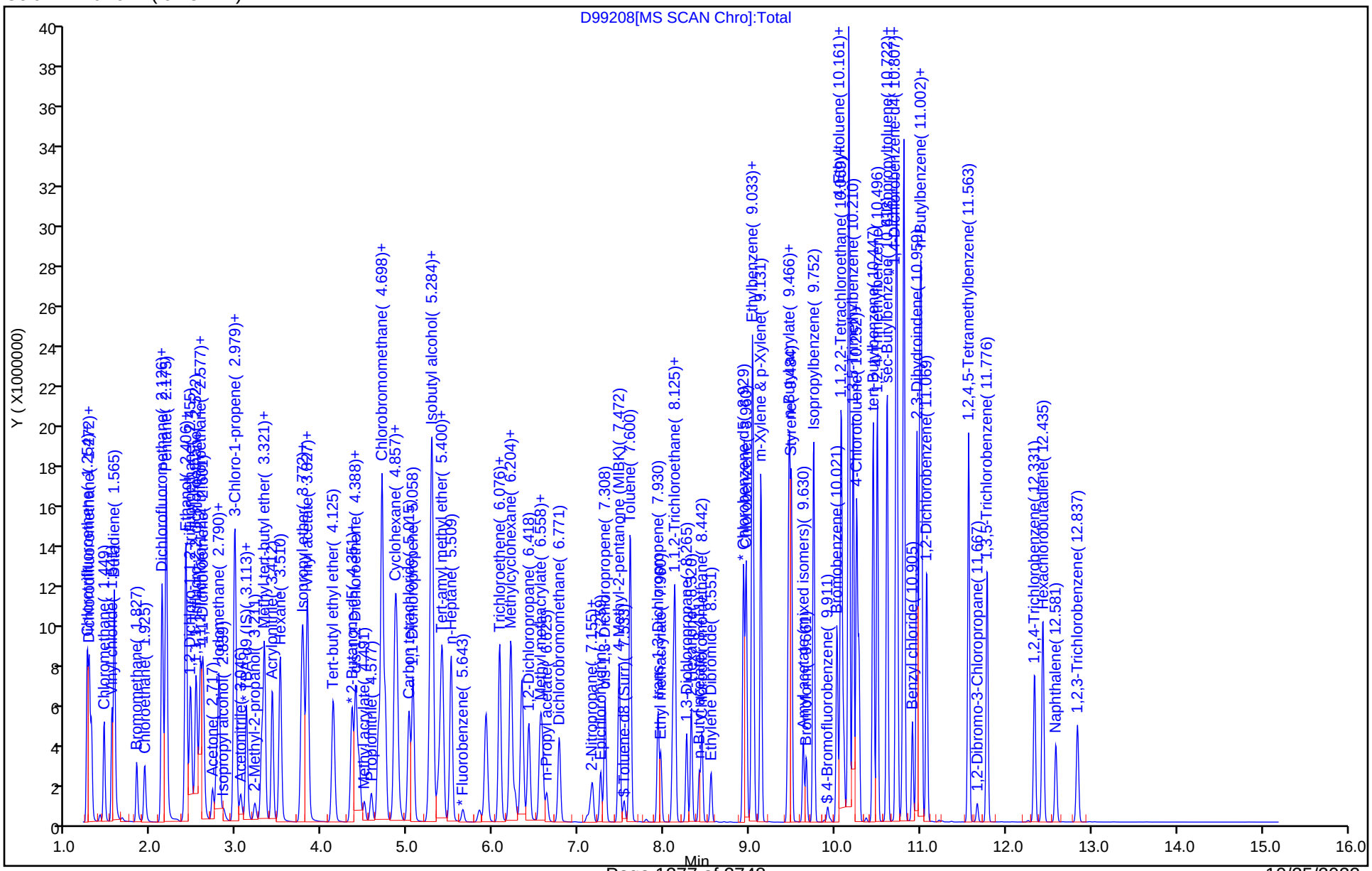
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

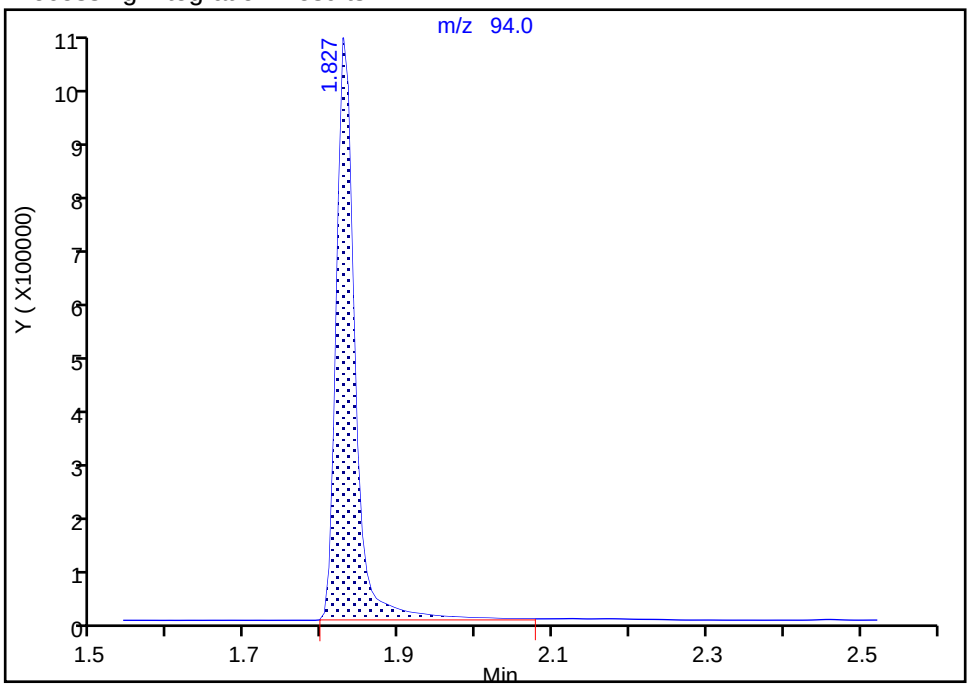
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Injection Date: 17-Oct-2022 07:17:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

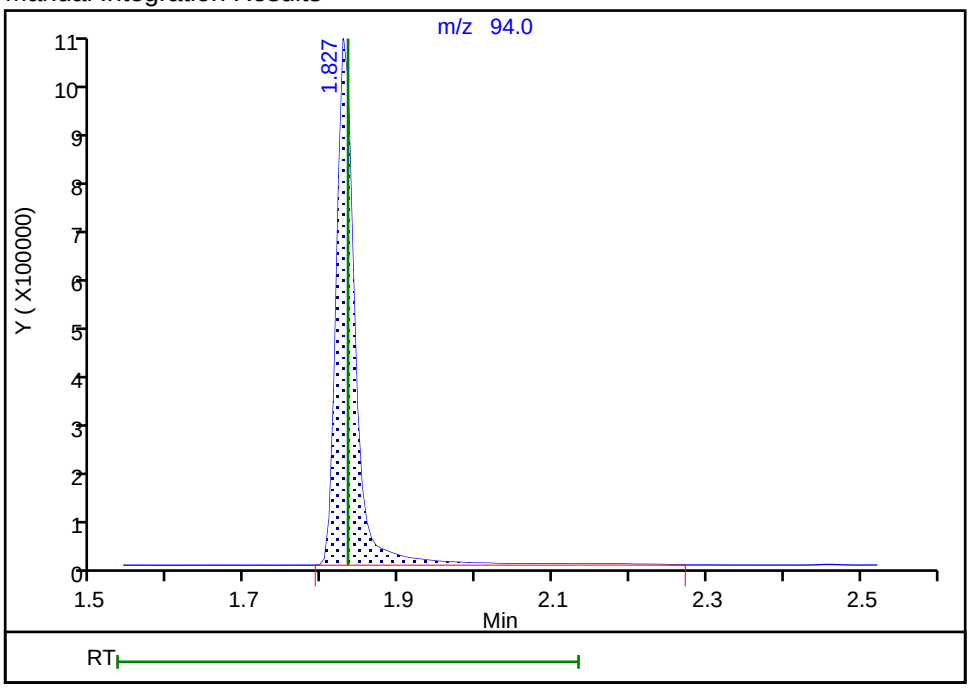
Processing Integration Results

RT: 1.83
Area: 1793415
Amount: 457.8892
Amount Units: ug/l



Manual Integration Results

RT: 1.83
Area: 1828758
Amount: 471.4785
Amount Units: ug/l



Reviewer: W9CM, 18-Oct-2022 13:41:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

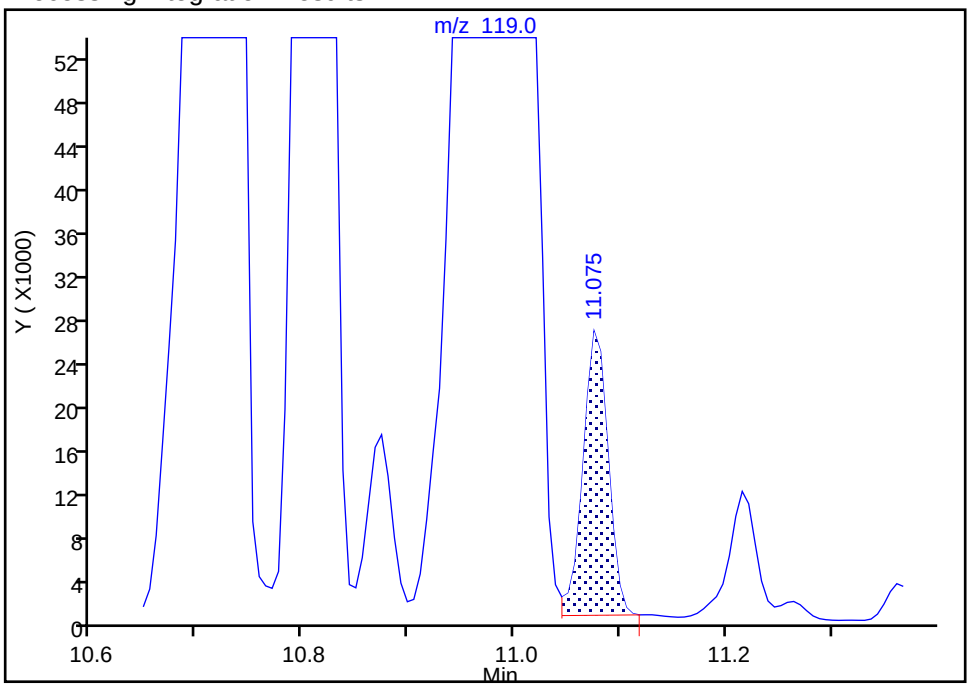
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Injection Date: 17-Oct-2022 07:17:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

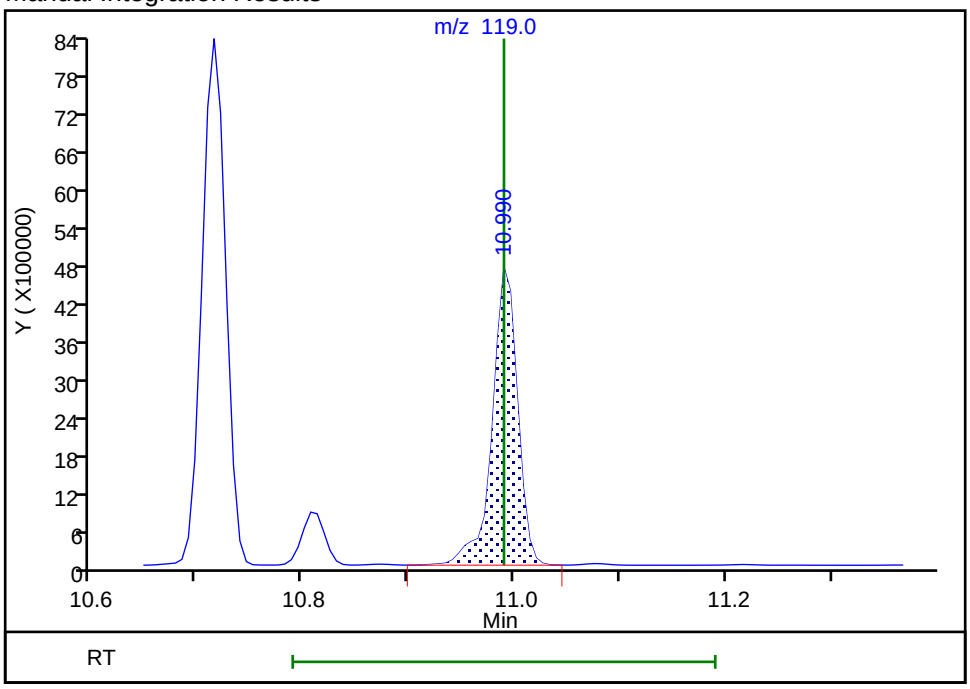
Processing Integration Results

RT: 11.08
Area: 43001
Amount: 3.877263
Amount Units: ug/l



Manual Integration Results

RT: 10.99
Area: 7851543
Amount: 573.3814
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:13:20
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

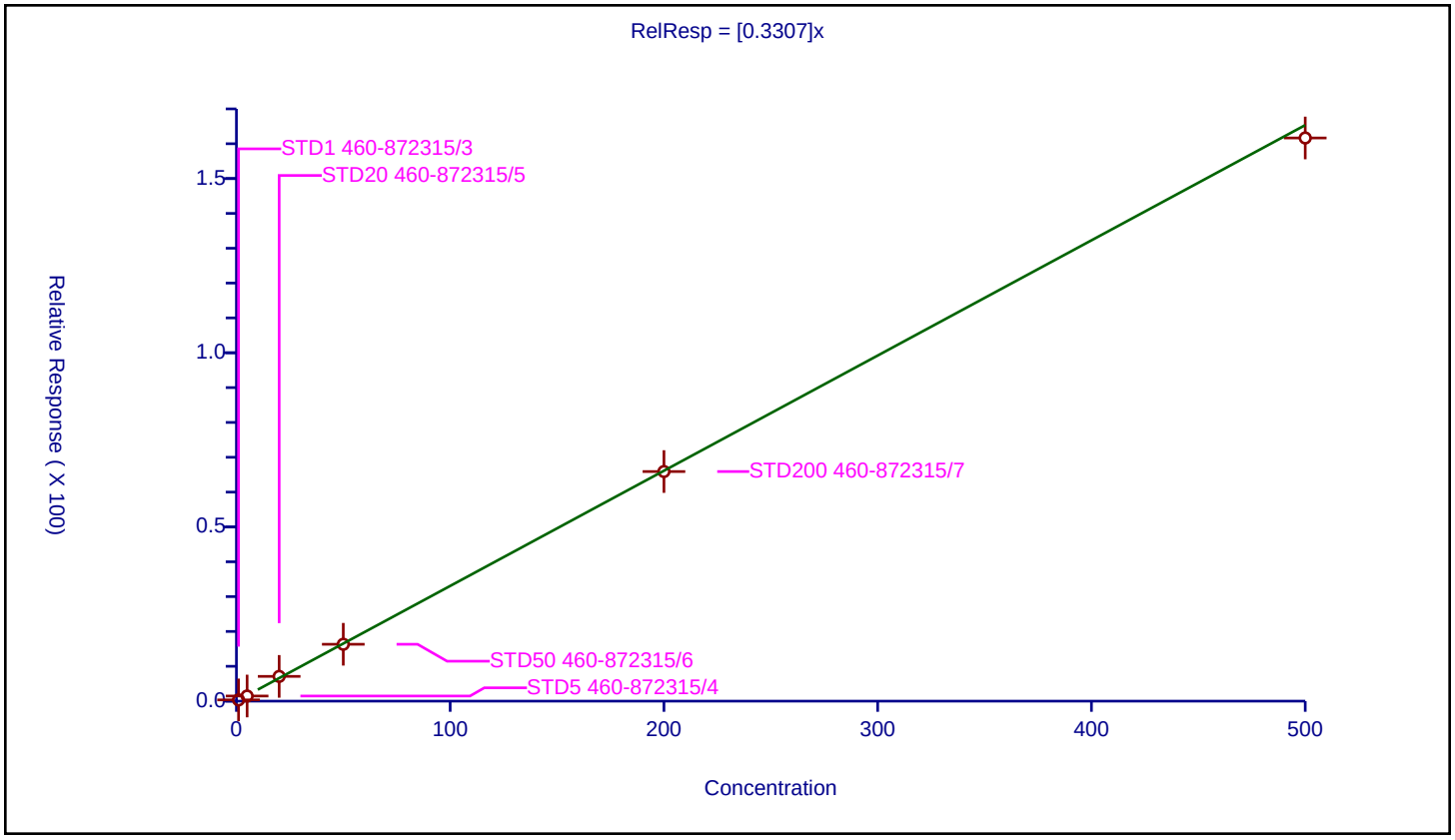
Curve Coefficients

Intercept:	0
Slope:	0.3307

Error Coefficients

Standard Error:	1080000
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	STD1 460-872315/3	1.0	0.355514	50.0	454553.0	0.355514	Y
2	STD5 460-872315/4	5.0	1.47039	50.0	459538.0	0.294078	Y
3	STD20 460-872315/5	20.0	7.102683	50.0	507963.0	0.355134	Y
4	STD50 460-872315/6	50.0	16.324811	50.0	545259.0	0.326496	Y
5	STD200 460-872315/7	200.0	65.903534	50.0	628593.0	0.329518	Y
6	STD500 460-872315/8	500.0	161.655287	50.0	697027.0	0.323311	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

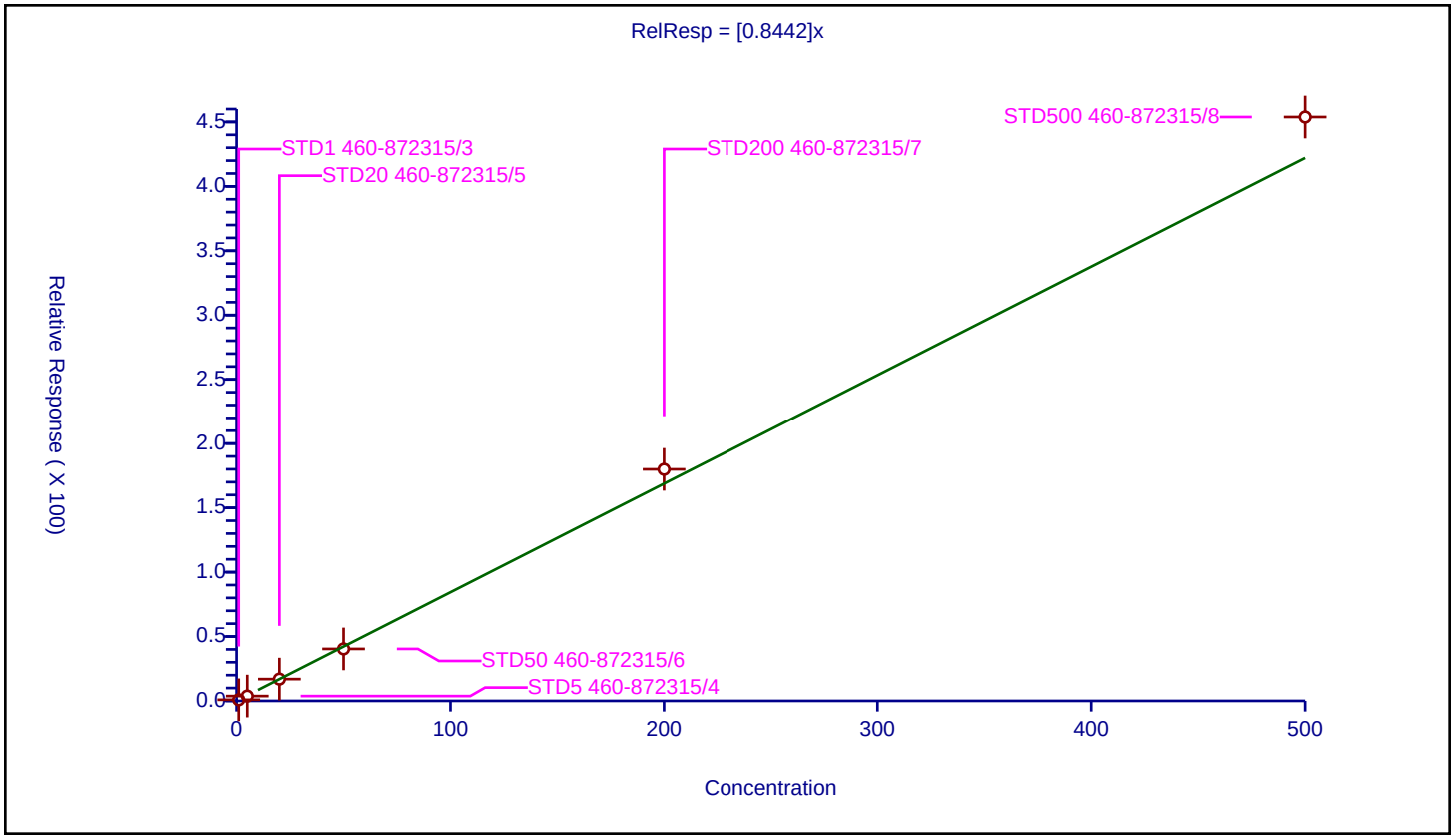
Curve Coefficients

Intercept:	0
Slope:	0.8442

Error Coefficients

Standard Error:	3010000
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	STD1 460-872315/3	1.0	0.852156	50.0	454553.0	0.852156	Y
2	STD5 460-872315/4	5.0	3.757578	50.0	459538.0	0.751516	Y
3	STD20 460-872315/5	20.0	16.929776	50.0	507963.0	0.846489	Y
4	STD50 460-872315/6	50.0	40.363937	50.0	545259.0	0.807279	Y
5	STD200 460-872315/7	200.0	179.97321	50.0	628593.0	0.899866	Y
6	STD500 460-872315/8	500.0	453.816854	50.0	697027.0	0.907634	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

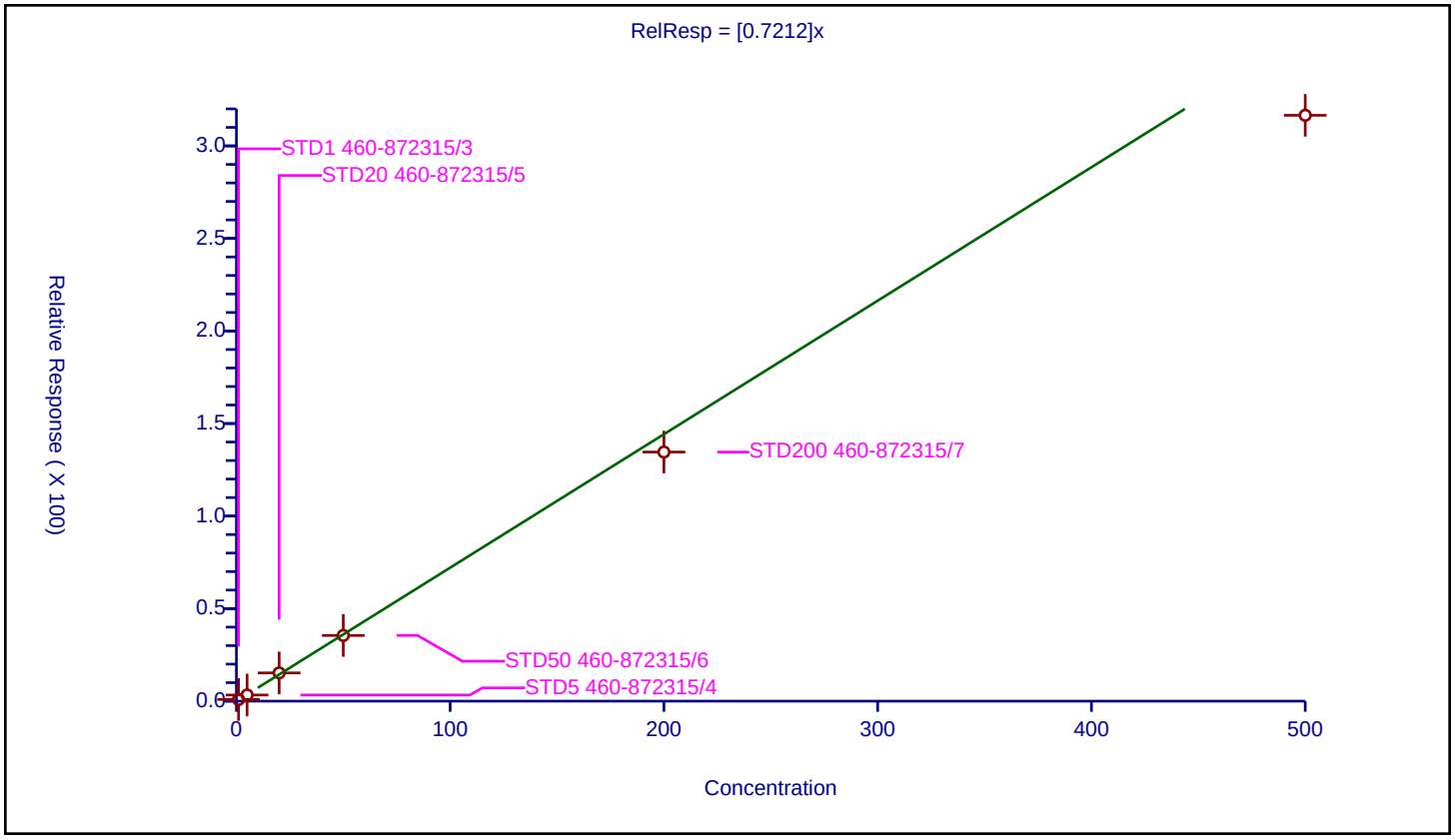
Curve Coefficients

Intercept:	0
Slope:	0.7212

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	12.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.881855	50.0	454553.0	0.881855	Y
2	STD5 460-872315/4	5.0	3.334001	50.0	459538.0	0.6668	Y
3	STD20 460-872315/5	20.0	15.255639	50.0	507963.0	0.762782	Y
4	STD50 460-872315/6	50.0	35.478644	50.0	545259.0	0.709573	Y
5	STD200 460-872315/7	200.0	134.591142	50.0	628593.0	0.672956	Y
6	STD500 460-872315/8	500.0	316.526548	50.0	697027.0	0.633053	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

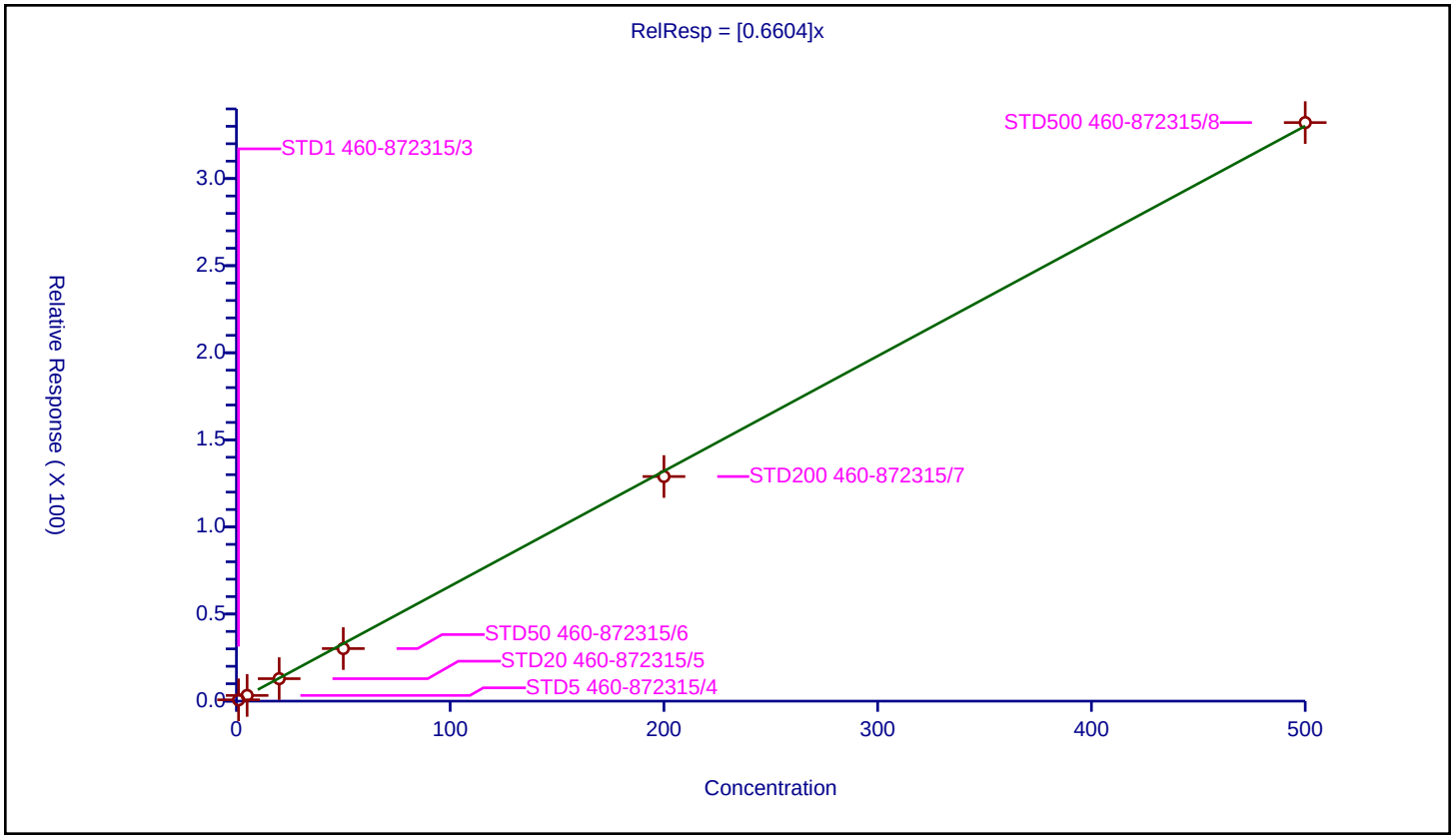
Curve Coefficients

Intercept:	0
Slope:	0.6604

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	7.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.749748	50.0	454553.0	0.749748	Y
2	STD5 460-872315/4	5.0	3.276334	50.0	459538.0	0.655267	Y
3	STD20 460-872315/5	20.0	12.897002	50.0	507963.0	0.64485	Y
4	STD50 460-872315/6	50.0	30.16814	50.0	545259.0	0.603363	Y
5	STD200 460-872315/7	200.0	128.956654	50.0	628593.0	0.644783	Y
6	STD500 460-872315/8	500.0	332.136345	50.0	697027.0	0.664273	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

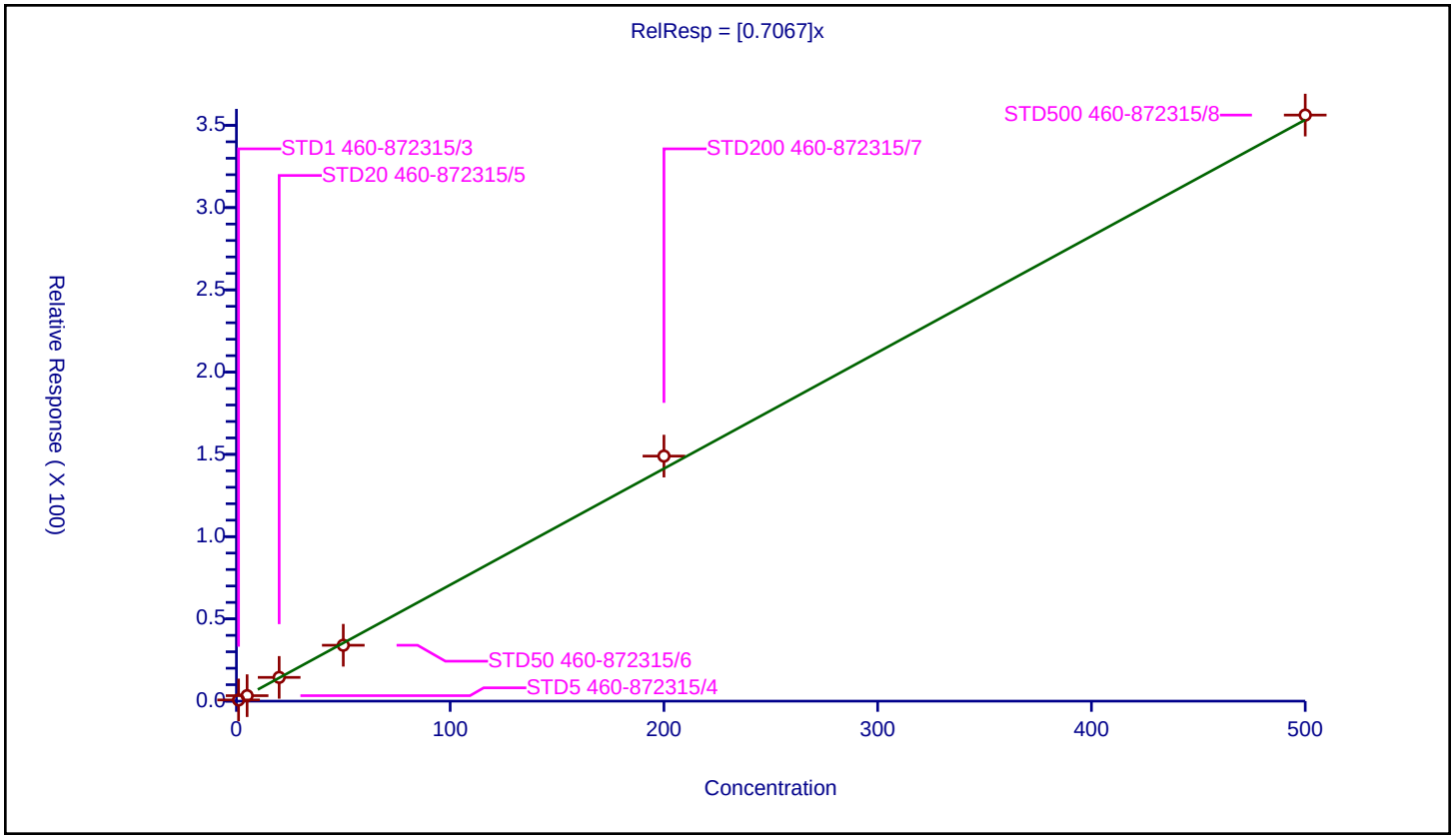
Curve Coefficients

Intercept:	0
Slope:	0.7067

Error Coefficients

Standard Error:	2380000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.715868	50.0	454553.0	0.715868	Y
2	STD5 460-872315/4	5.0	3.329104	50.0	459538.0	0.665821	Y
3	STD20 460-872315/5	20.0	14.437469	50.0	507963.0	0.721873	Y
4	STD50 460-872315/6	50.0	33.96982	50.0	545259.0	0.679396	Y
5	STD200 460-872315/7	200.0	148.958786	50.0	628593.0	0.744794	Y
6	STD500 460-872315/8	500.0	356.24115	50.0	697027.0	0.712482	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

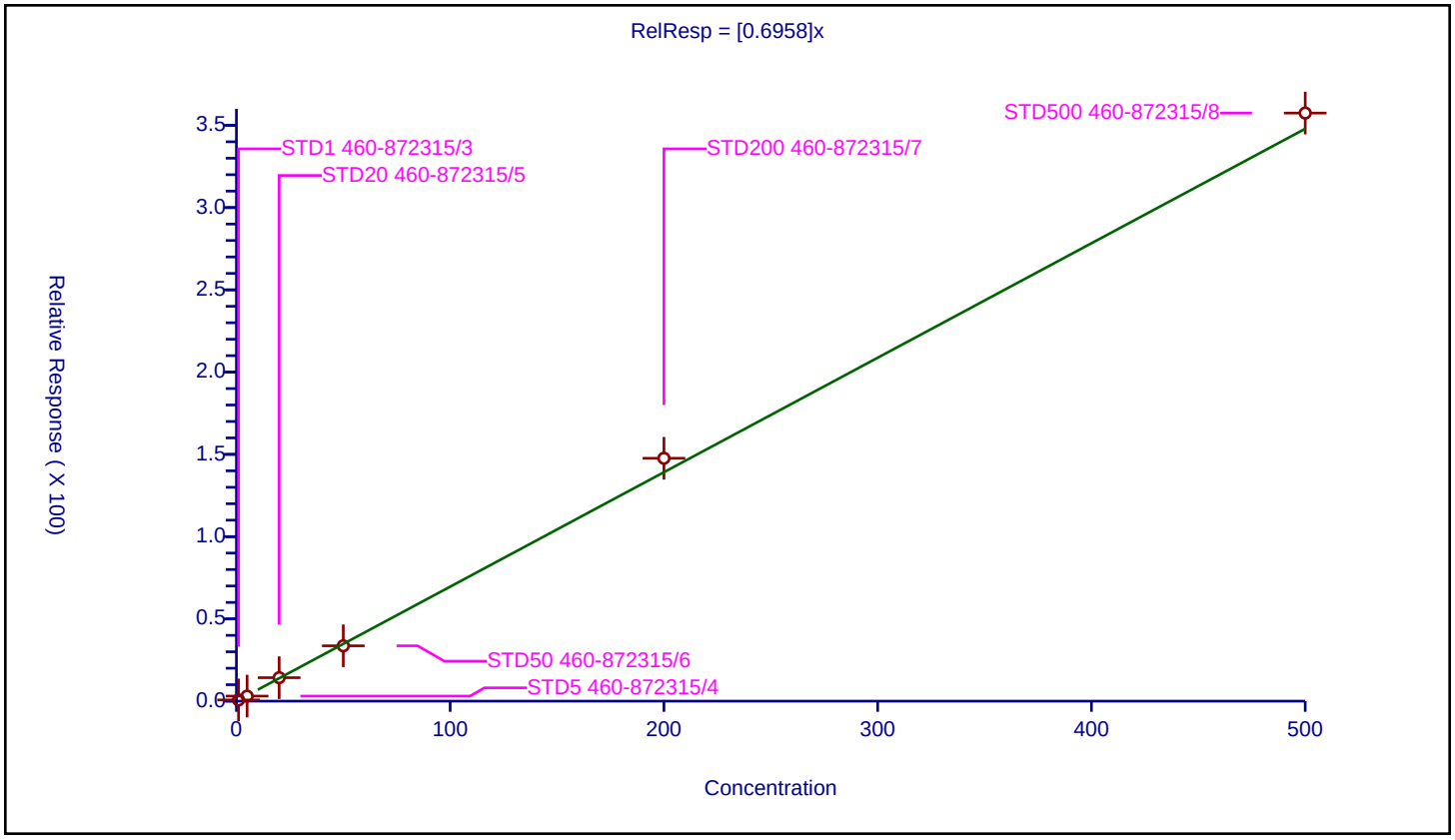
Curve Coefficients

Intercept:	0
Slope:	0.6958

Error Coefficients

Standard Error:	2380000
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	STD1 460-872315/3	1.0	0.721918	50.0	454553.0	0.721918	Y
2	STD5 460-872315/4	5.0	3.072978	50.0	459538.0	0.614596	Y
3	STD20 460-872315/5	20.0	14.251825	50.0	507963.0	0.712591	Y
4	STD50 460-872315/6	50.0	33.629706	50.0	545259.0	0.672594	Y
5	STD200 460-872315/7	200.0	147.629706	50.0	628593.0	0.738149	Y
6	STD500 460-872315/8	500.0	357.46578	50.0	697027.0	0.714932	Y



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

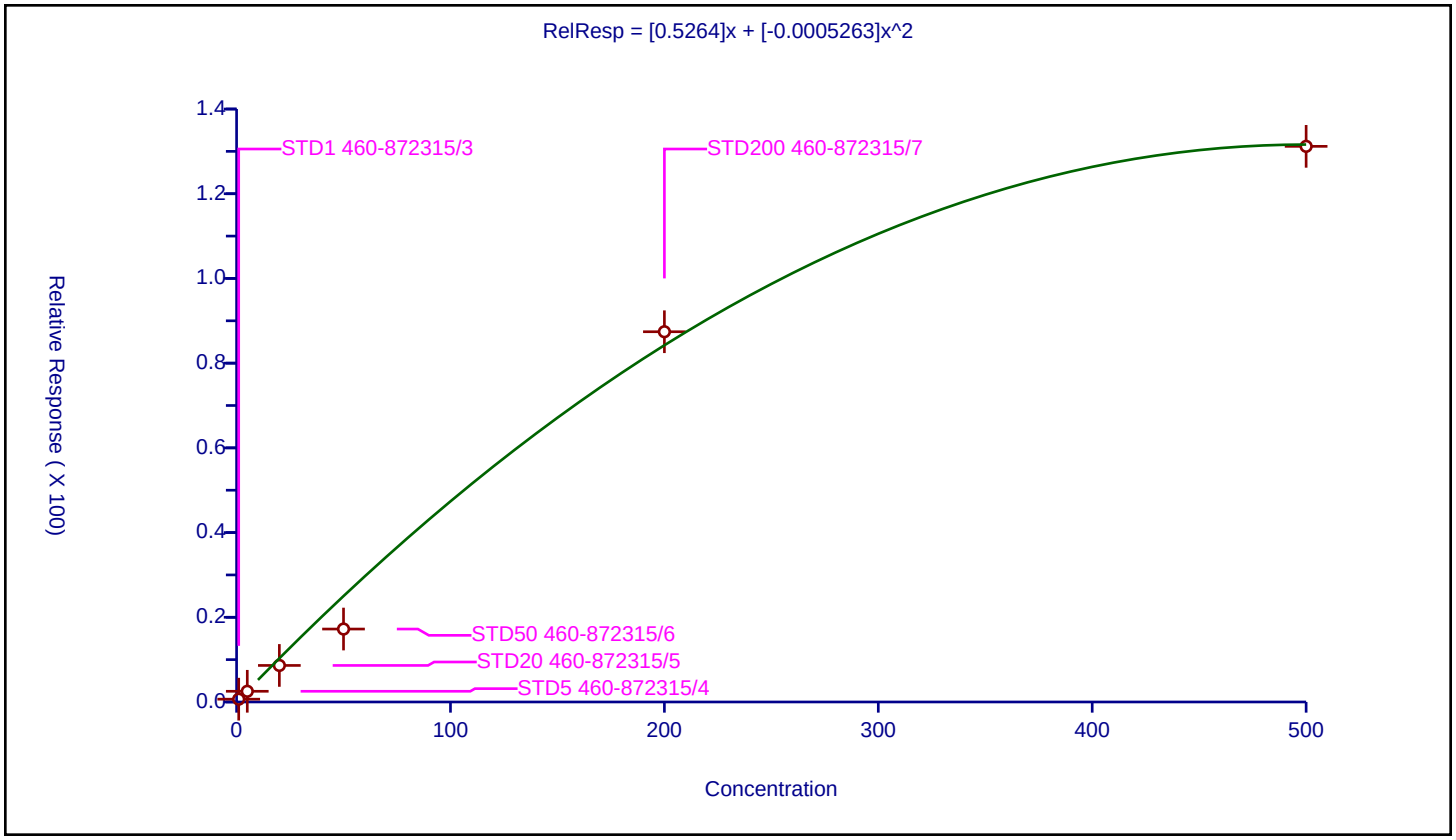
Curve Coefficients

Intercept:	0
Slope:	0.5264
Second Order:	-0.0005263

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	22.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.663069	50.0	454553.0	0.663069	Y
2	STD5 460-872315/4	5.0	2.528518	50.0	459538.0	0.505704	Y
3	STD20 460-872315/5	20.0	8.631436	50.0	507963.0	0.431572	Y
4	STD50 460-872315/6	50.0	17.219615	50.0	545259.0	0.344392	Y
5	STD200 460-872315/7	200.0	87.415386	50.0	628593.0	0.437077	Y
6	STD500 460-872315/8	500.0	131.182723	50.0	697027.0	0.262365	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

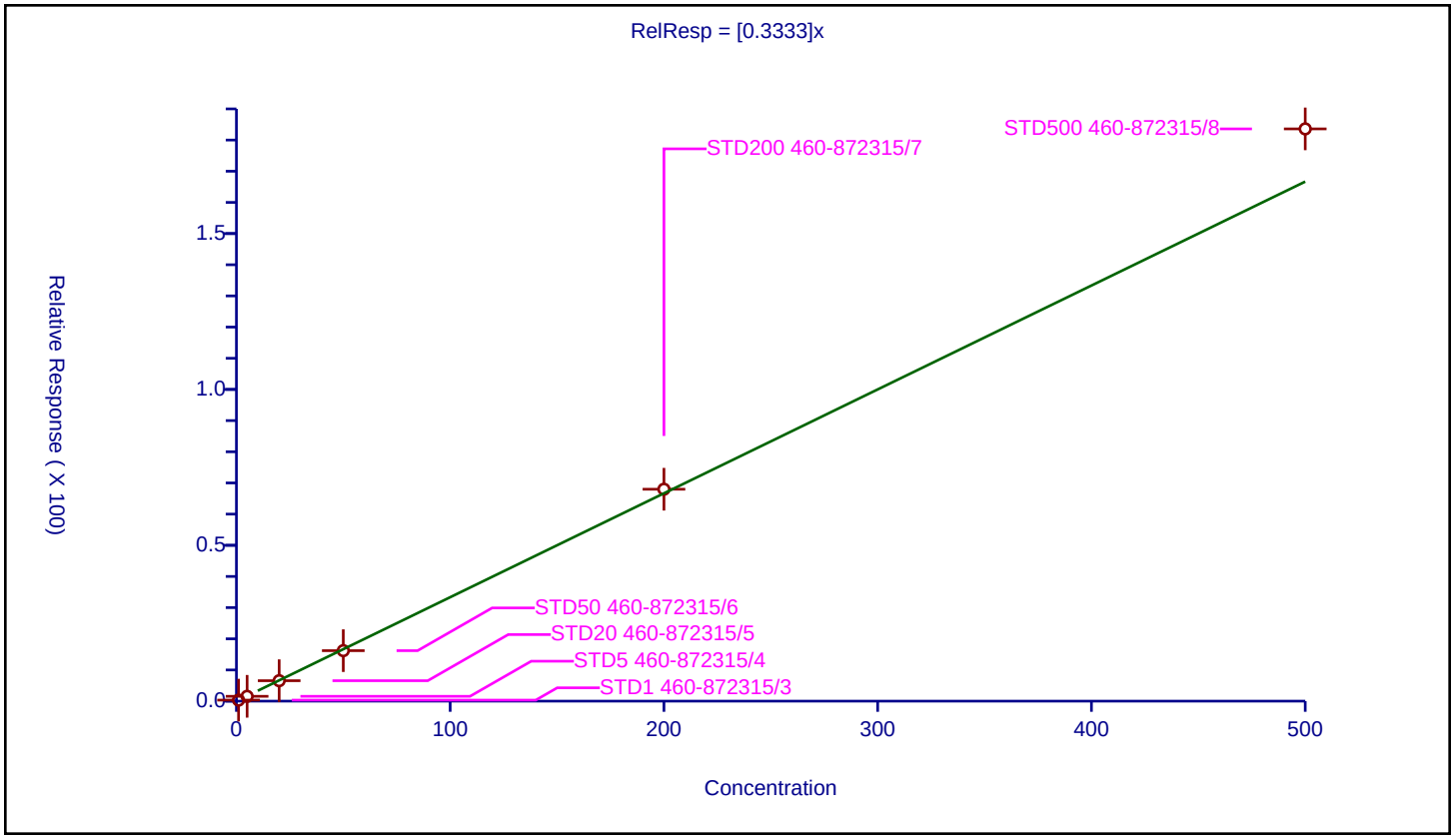
Curve Coefficients

Intercept:	0
Slope:	0.3333

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	5.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.330325	50.0	454553.0	0.330325	Y
2	STD5 460-872315/4	5.0	1.552755	50.0	459538.0	0.310551	Y
3	STD20 460-872315/5	20.0	6.561895	50.0	507963.0	0.328095	Y
4	STD50 460-872315/6	50.0	16.195698	50.0	545259.0	0.323914	Y
5	STD200 460-872315/7	200.0	67.986996	50.0	628593.0	0.339935	Y
6	STD500 460-872315/8	500.0	183.581626	50.0	697027.0	0.367163	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

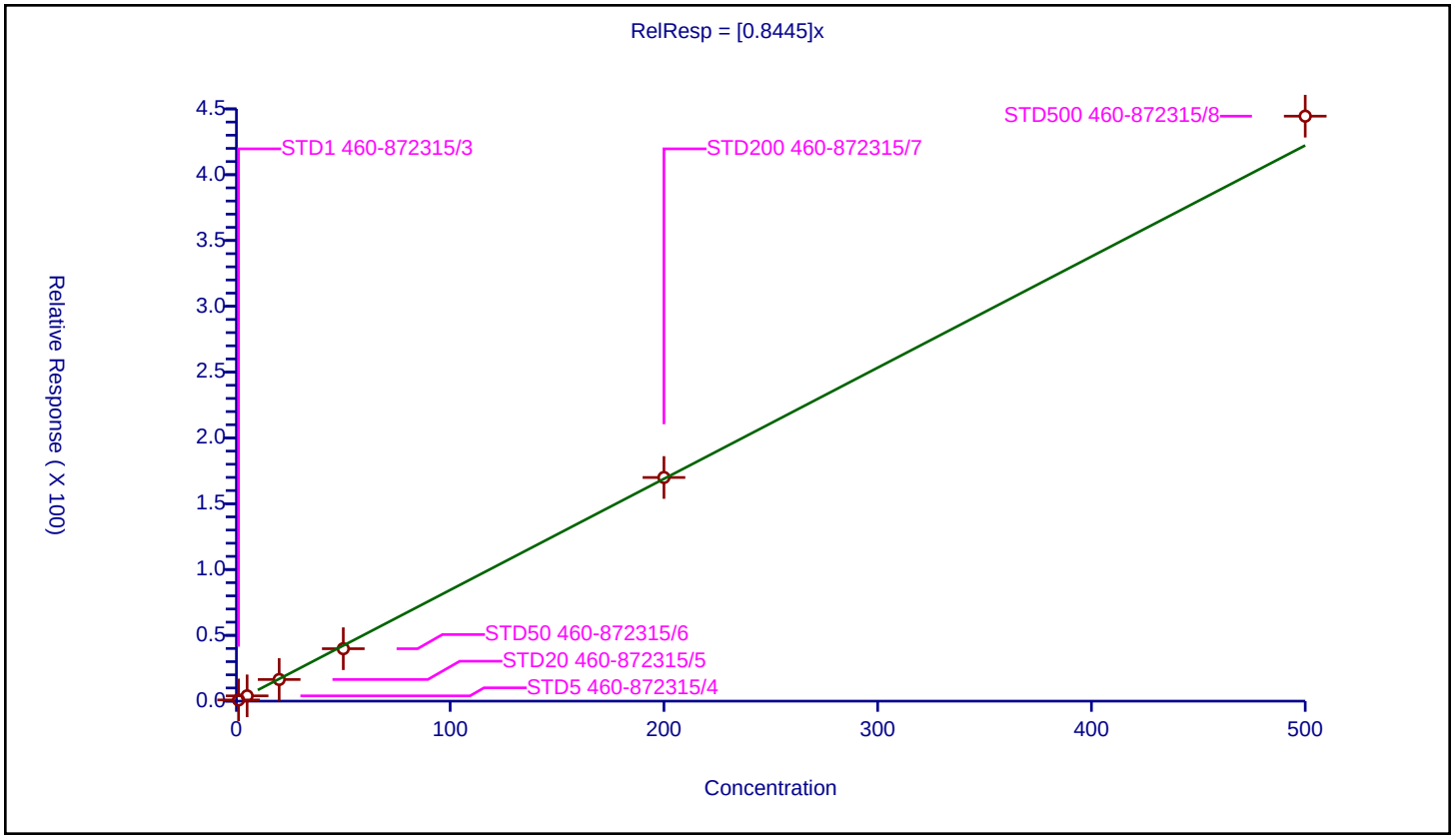
Curve Coefficients

Intercept:	0
Slope:	0.8445

Error Coefficients

Standard Error:	2940000
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	STD1 460-872315/3	1.0	0.905065	50.0	454553.0	0.905065	Y
2	STD5 460-872315/4	5.0	4.025674	50.0	459538.0	0.805135	Y
3	STD20 460-872315/5	20.0	16.434662	50.0	507963.0	0.821733	Y
4	STD50 460-872315/6	50.0	39.827587	50.0	545259.0	0.796552	Y
5	STD200 460-872315/7	200.0	169.939611	50.0	628593.0	0.849698	Y
6	STD500 460-872315/8	500.0	444.477258	50.0	697027.0	0.888955	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

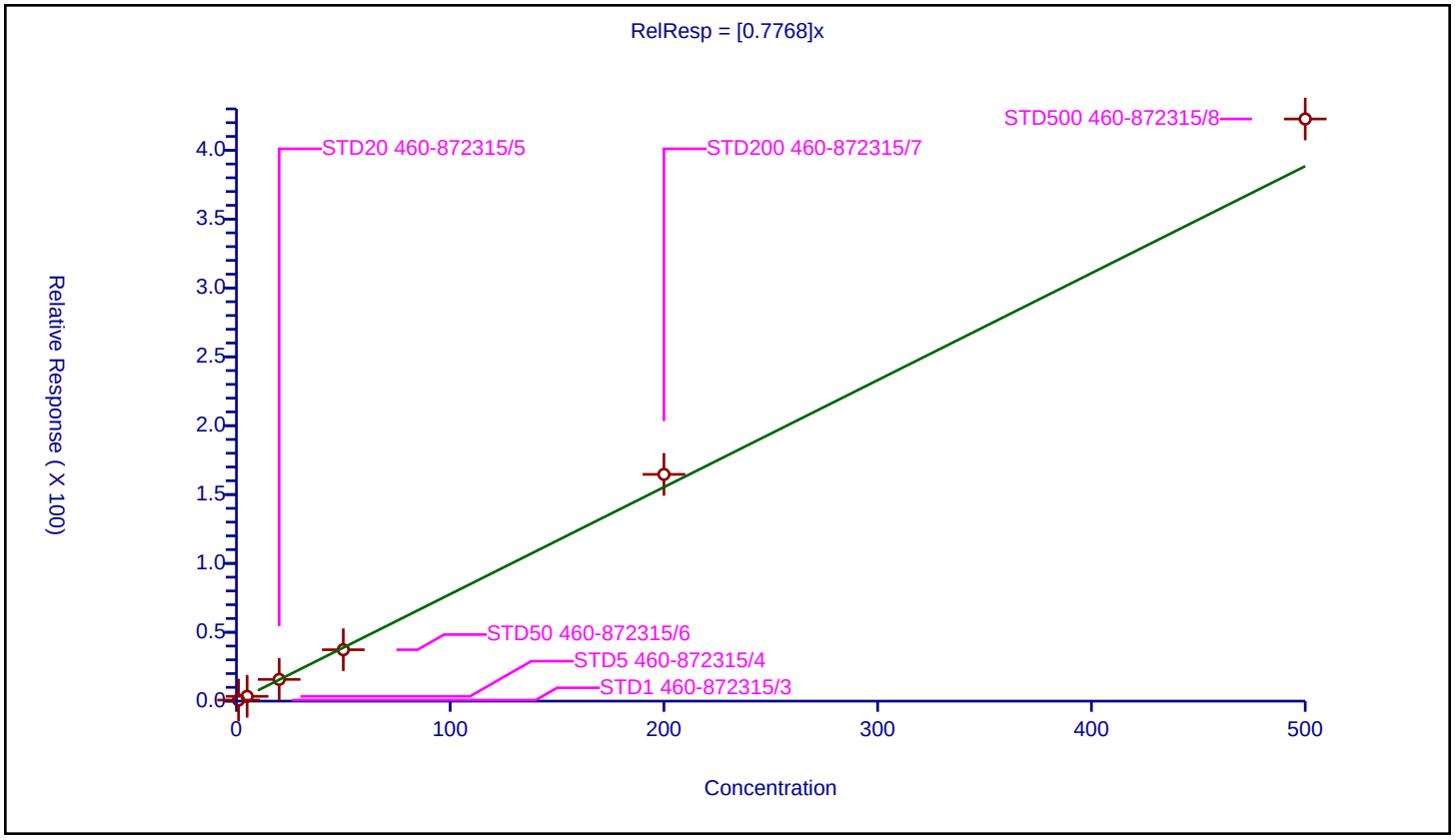
Curve Coefficients

Intercept:	0
Slope:	0.7768

Error Coefficients

Standard Error:	2800000
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	STD1 460-872315/3	1.0	0.759097	50.0	454553.0	0.759097	Y
2	STD5 460-872315/4	5.0	3.492638	50.0	459538.0	0.698528	Y
3	STD20 460-872315/5	20.0	15.768373	50.0	507963.0	0.788419	Y
4	STD50 460-872315/6	50.0	37.314469	50.0	545259.0	0.746289	Y
5	STD200 460-872315/7	200.0	164.642304	50.0	628593.0	0.823212	Y
6	STD500 460-872315/8	500.0	422.672436	50.0	697027.0	0.845345	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

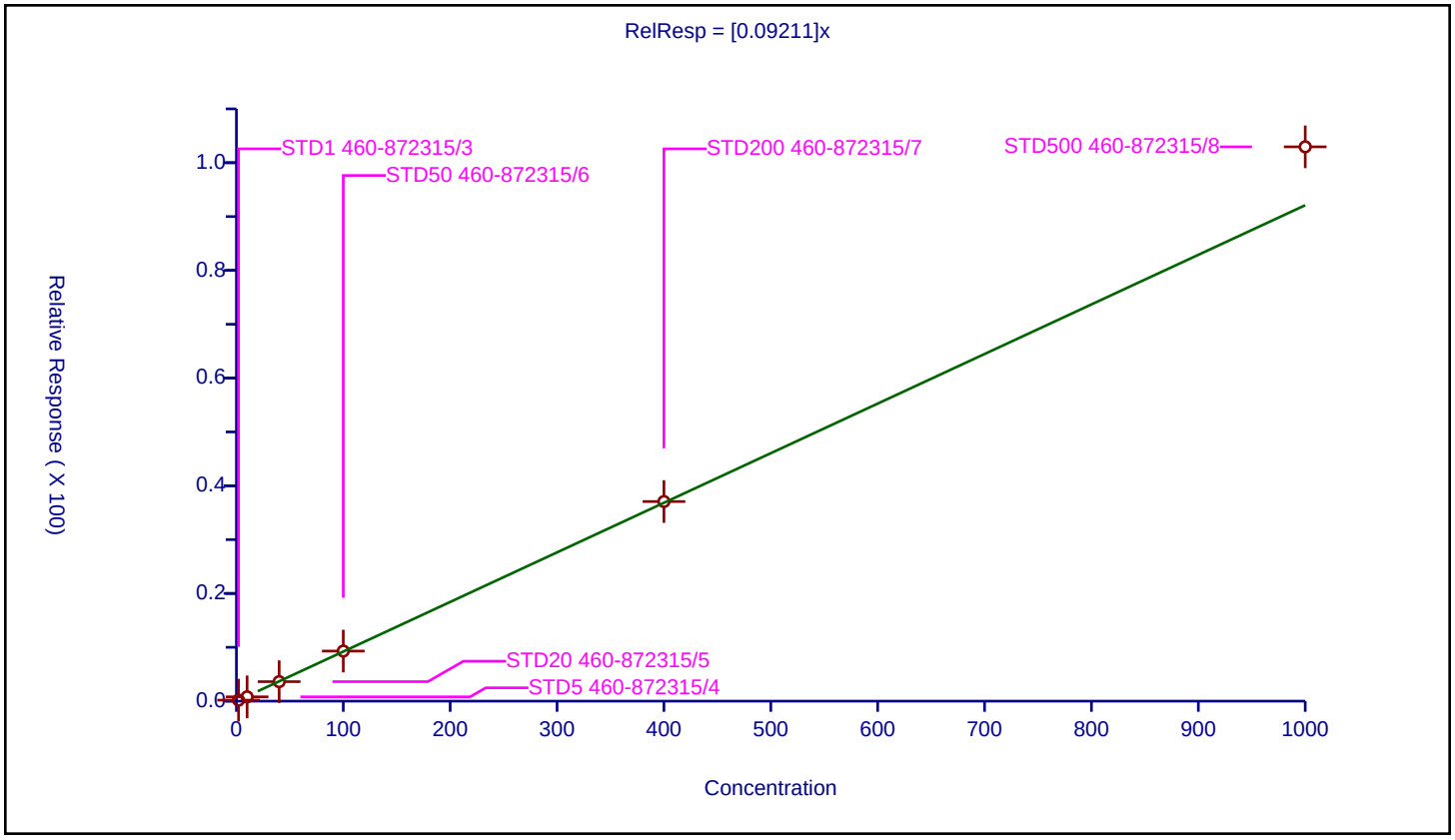
Curve Coefficients

Intercept:	0
Slope:	0.09211

Error Coefficients

Standard Error:	677000
Relative Standard Error:	8.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	2.0	0.186997	50.0	454553.0	0.093498	Y
2	STD5 460-872315/4	10.0	0.800043	50.0	459538.0	0.080004	Y
3	STD20 460-872315/5	40.0	3.618275	50.0	507963.0	0.090457	Y
4	STD50 460-872315/6	100.0	9.303652	50.0	545259.0	0.093037	Y
5	STD200 460-872315/7	400.0	37.07383	50.0	628593.0	0.092685	Y
6	STD500 460-872315/8	1000.0	102.951894	50.0	697027.0	0.102952	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

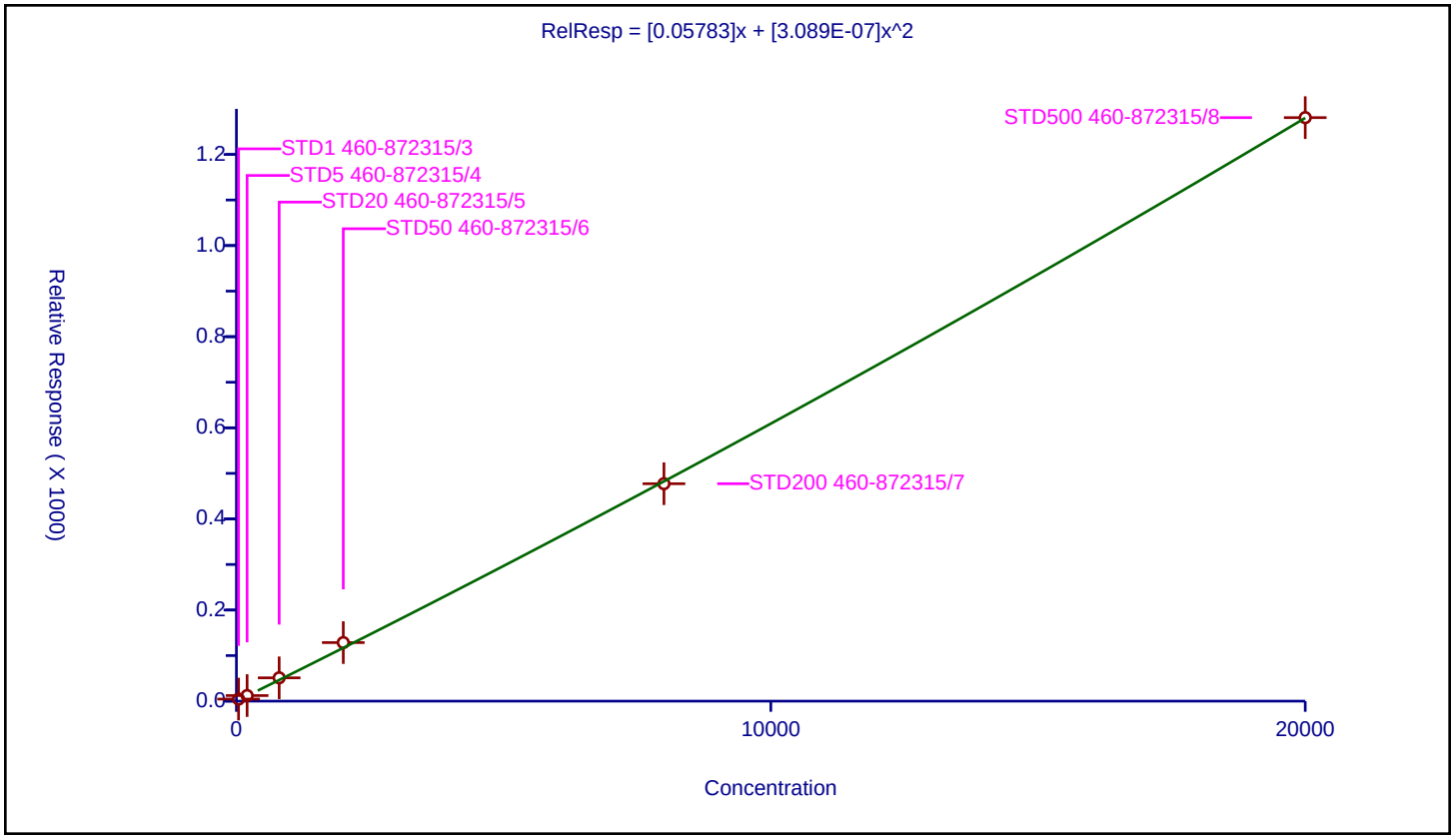
Curve Coefficients

Intercept:	0
Slope:	0.05783
Second Order:	3.089E-07

Error Coefficients

Standard Error:	147000
Relative Standard Error:	48.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	40.0	4.519975	1000.0	146461.0	0.112999	Y
2	STD5 460-872315/4	200.0	12.266284	1000.0	147722.0	0.061331	Y
3	STD20 460-872315/5	800.0	51.185275	1000.0	154732.0	0.063982	Y
4	STD50 460-872315/6	2000.0	128.510182	1000.0	165839.0	0.064255	Y
5	STD200 460-872315/7	8000.0	477.23989	1000.0	200021.0	0.059655	Y
6	STD500 460-872315/8	20000.0	1280.82381	1000.0	217186.0	0.064041	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

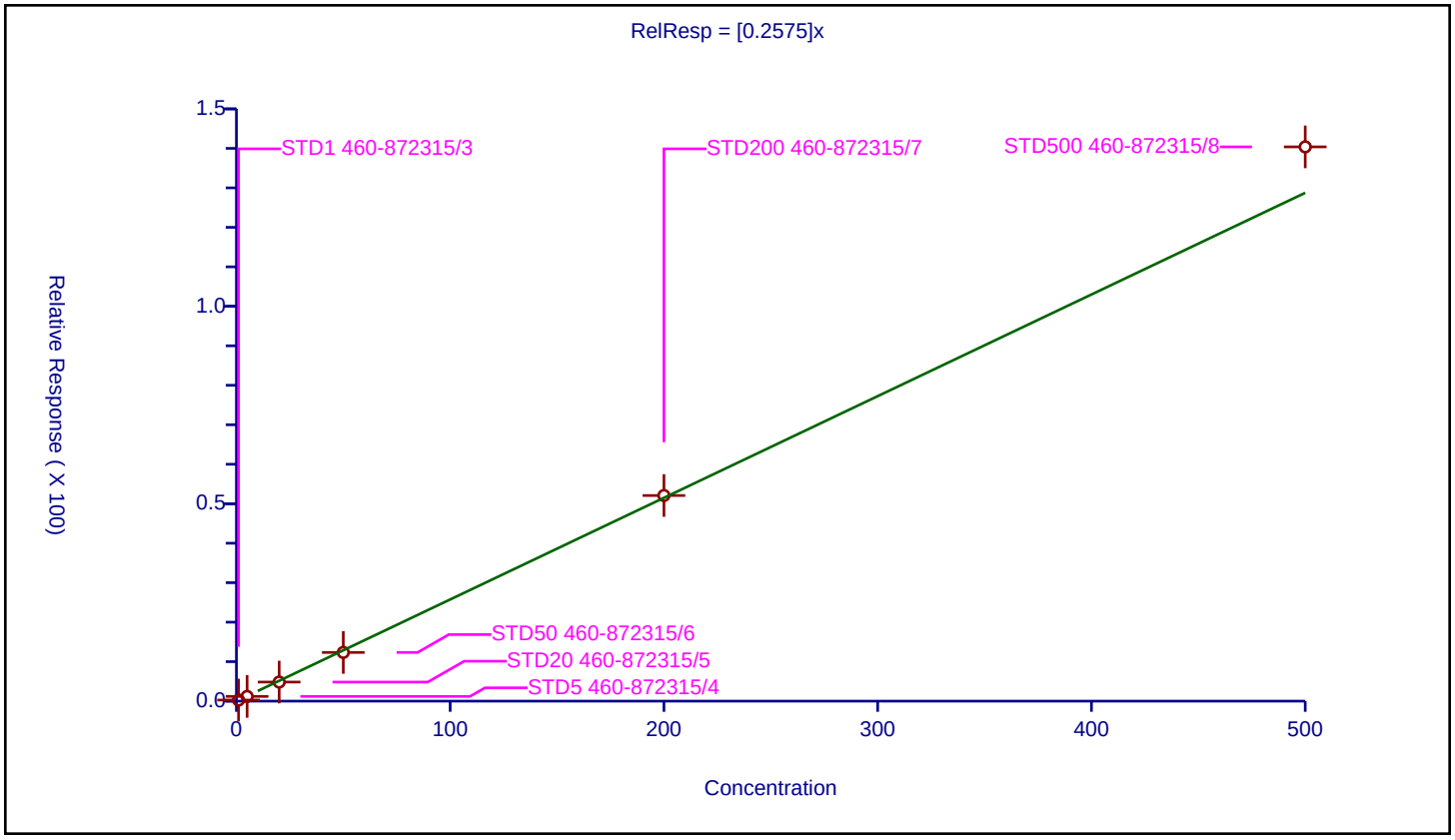
Curve Coefficients

Intercept:	0
Slope:	0.2575

Error Coefficients

Standard Error:	925000
Relative Standard Error:	7.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.276425	50.0	454553.0	0.276425	Y
2	STD5 460-872315/4	5.0	1.195113	50.0	459538.0	0.239023	Y
3	STD20 460-872315/5	20.0	4.830175	50.0	507963.0	0.241509	Y
4	STD50 460-872315/6	50.0	12.337623	50.0	545259.0	0.246752	Y
5	STD200 460-872315/7	200.0	52.082031	50.0	628593.0	0.26041	Y
6	STD500 460-872315/8	500.0	140.381004	50.0	697027.0	0.280762	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

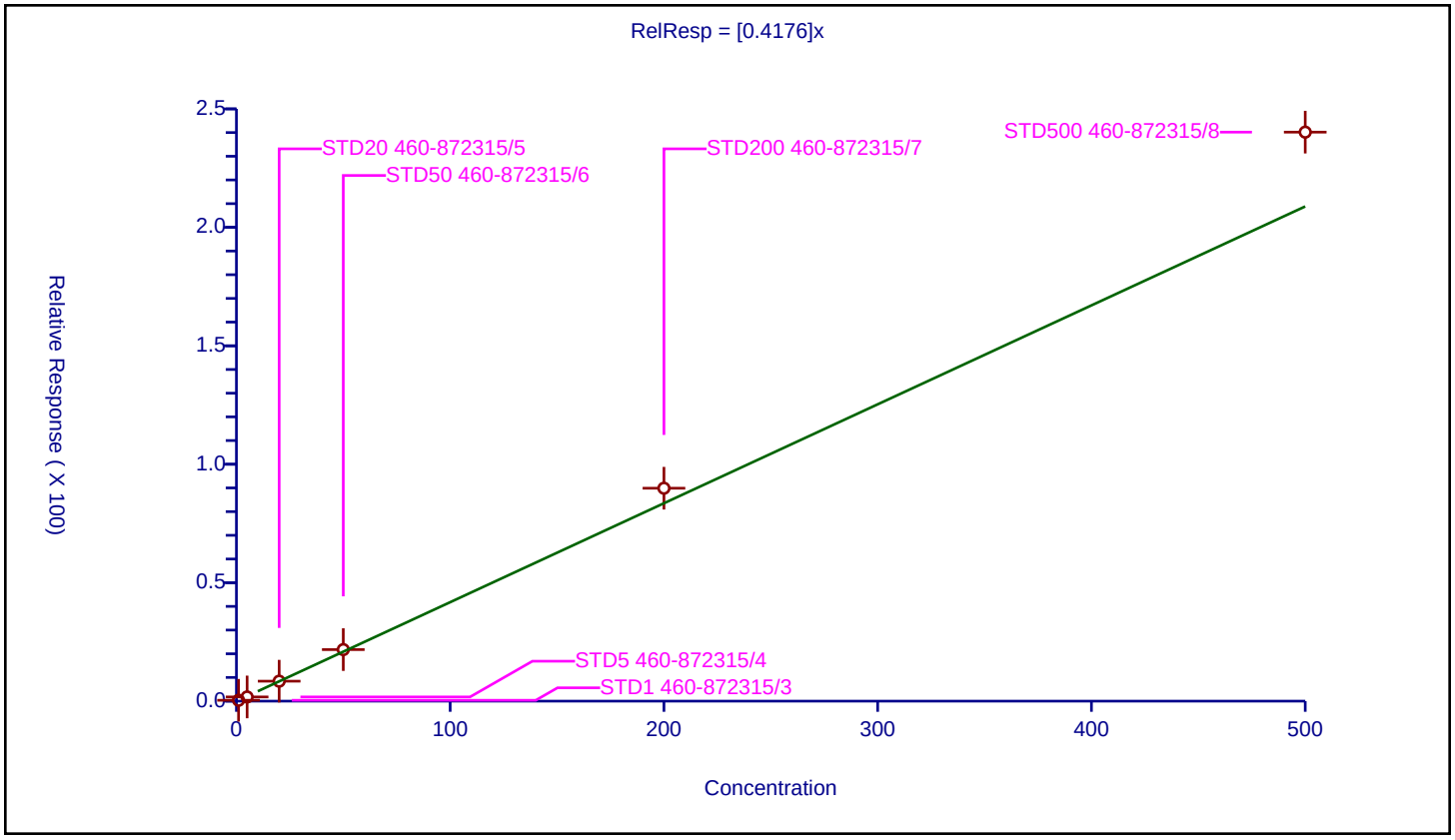
Curve Coefficients

Intercept:	0
Slope:	0.4176

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	11.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.365854	50.0	454553.0	0.365854	Y
2	STD5 460-872315/4	5.0	1.767645	50.0	459538.0	0.353529	Y
3	STD20 460-872315/5	20.0	8.432012	50.0	507963.0	0.421601	Y
4	STD50 460-872315/6	50.0	21.756175	50.0	545259.0	0.435123	Y
5	STD200 460-872315/7	200.0	89.8762	50.0	628593.0	0.449381	Y
6	STD500 460-872315/8	500.0	240.183666	50.0	697027.0	0.480367	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

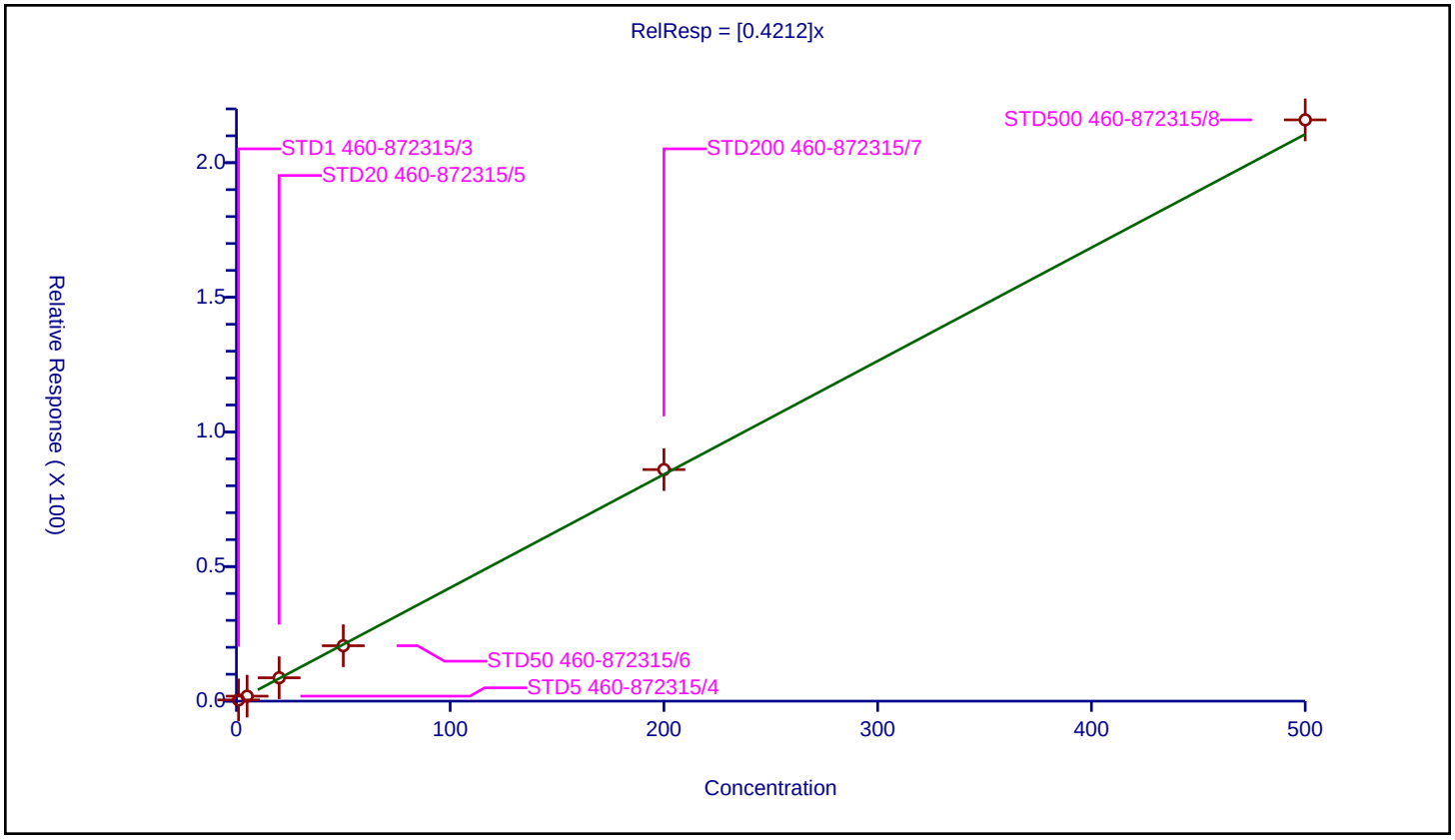
Curve Coefficients

Intercept:	0
Slope:	0.4212

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.448793	50.0	454553.0	0.448793	Y
2	STD5 460-872315/4	5.0	1.852295	50.0	459538.0	0.370459	Y
3	STD20 460-872315/5	20.0	8.681046	50.0	507963.0	0.434052	Y
4	STD50 460-872315/6	50.0	20.581412	50.0	545259.0	0.411628	Y
5	STD200 460-872315/7	200.0	86.025059	50.0	628593.0	0.430125	Y
6	STD500 460-872315/8	500.0	215.926571	50.0	697027.0	0.431853	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

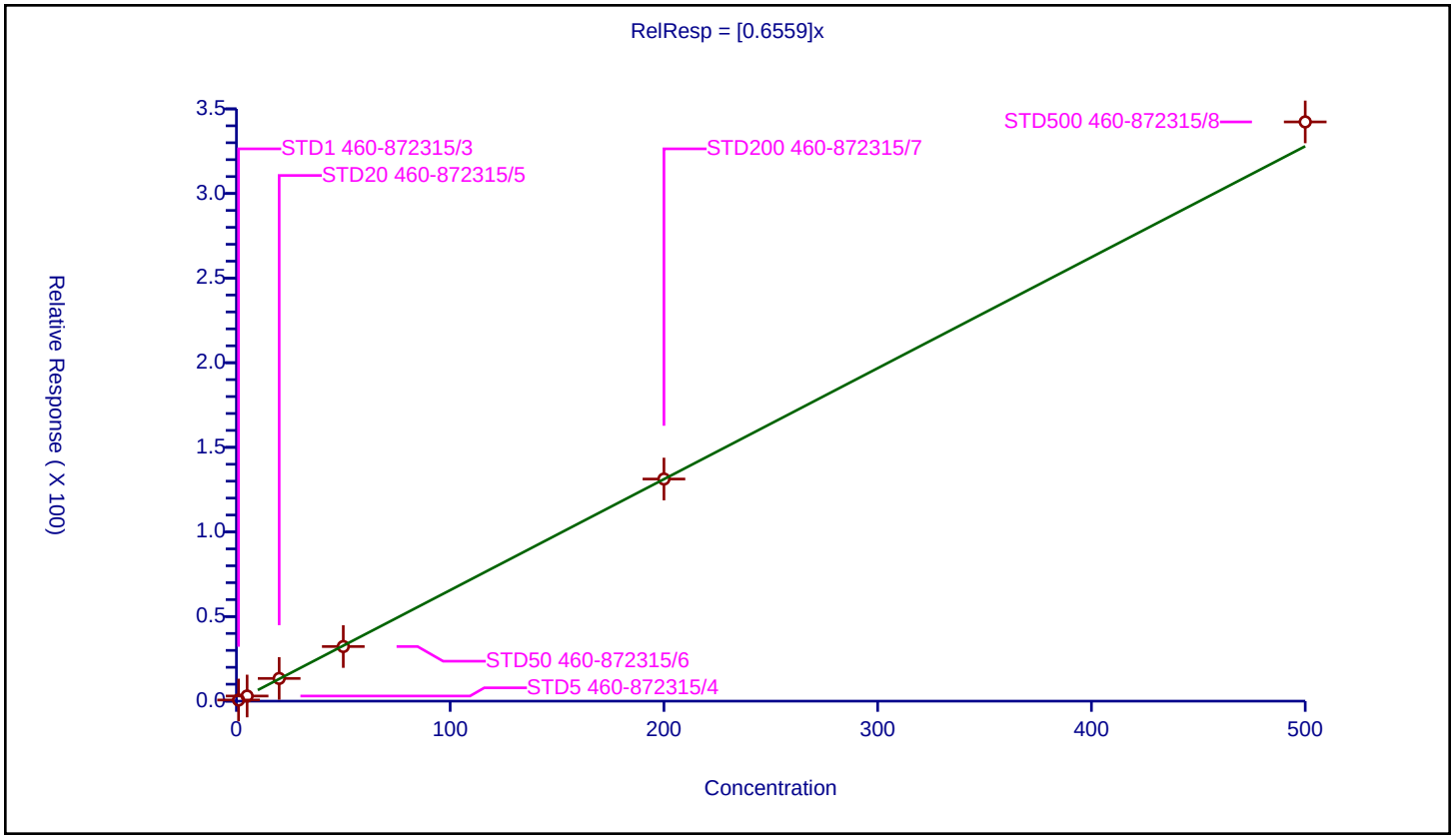
Curve Coefficients

Intercept:	0
Slope:	0.6559

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	4.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.671099	50.0	454553.0	0.671099	Y
2	STD5 460-872315/4	5.0	3.033808	50.0	459538.0	0.606762	Y
3	STD20 460-872315/5	20.0	13.418497	50.0	507963.0	0.670925	Y
4	STD50 460-872315/6	50.0	32.272186	50.0	545259.0	0.645444	Y
5	STD200 460-872315/7	200.0	131.26562	50.0	628593.0	0.656328	Y
6	STD500 460-872315/8	500.0	342.305463	50.0	697027.0	0.684611	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

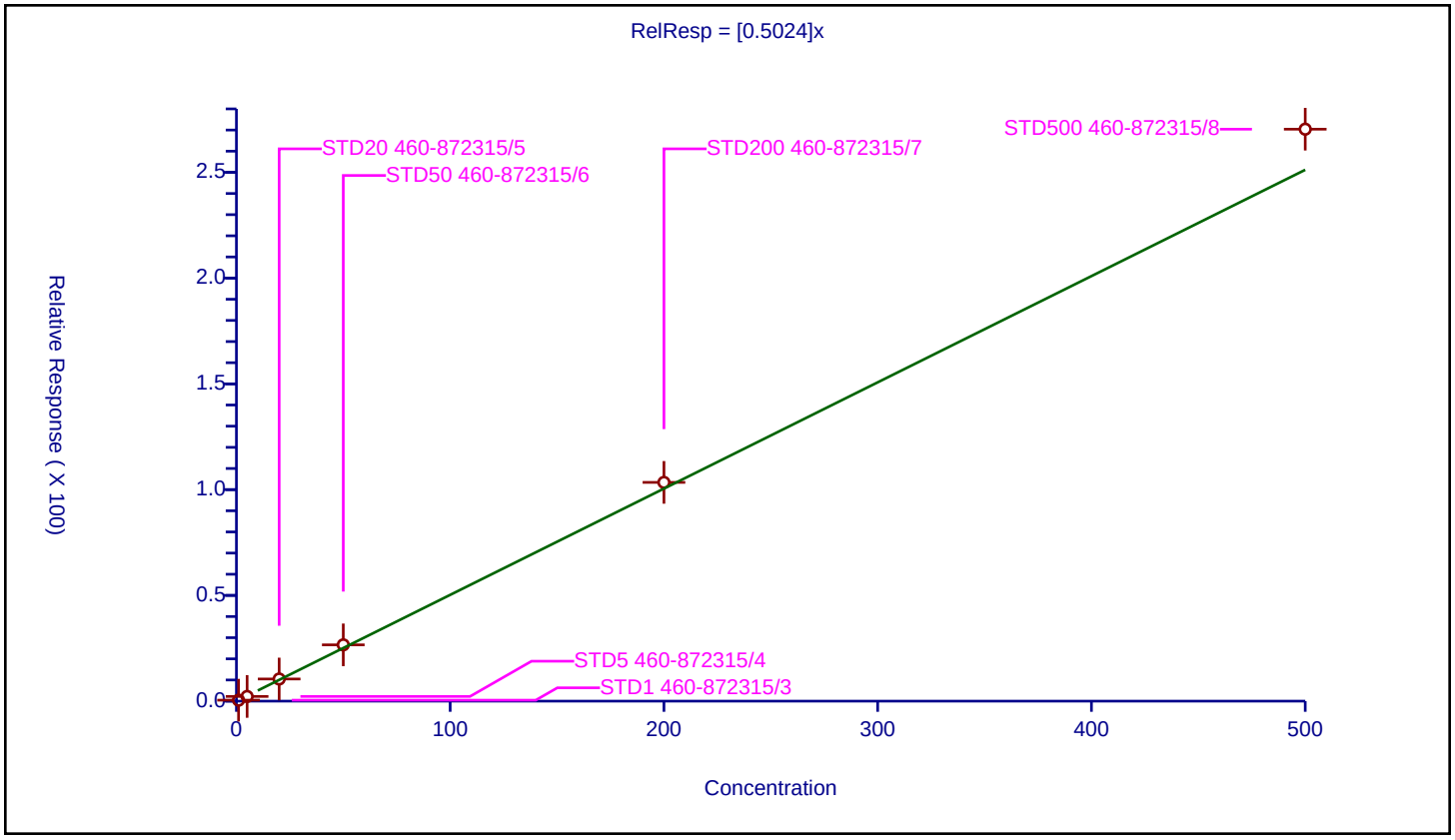
Curve Coefficients

Intercept:	0
Slope:	0.5024

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.456602	50.0	454553.0	0.456602	Y
2	STD5 460-872315/4	5.0	2.221035	50.0	459538.0	0.444207	Y
3	STD20 460-872315/5	20.0	10.464935	50.0	507963.0	0.523247	Y
4	STD50 460-872315/6	50.0	26.616159	50.0	545259.0	0.532323	Y
5	STD200 460-872315/7	200.0	103.419939	50.0	628593.0	0.5171	Y
6	STD500 460-872315/8	500.0	270.401792	50.0	697027.0	0.540804	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

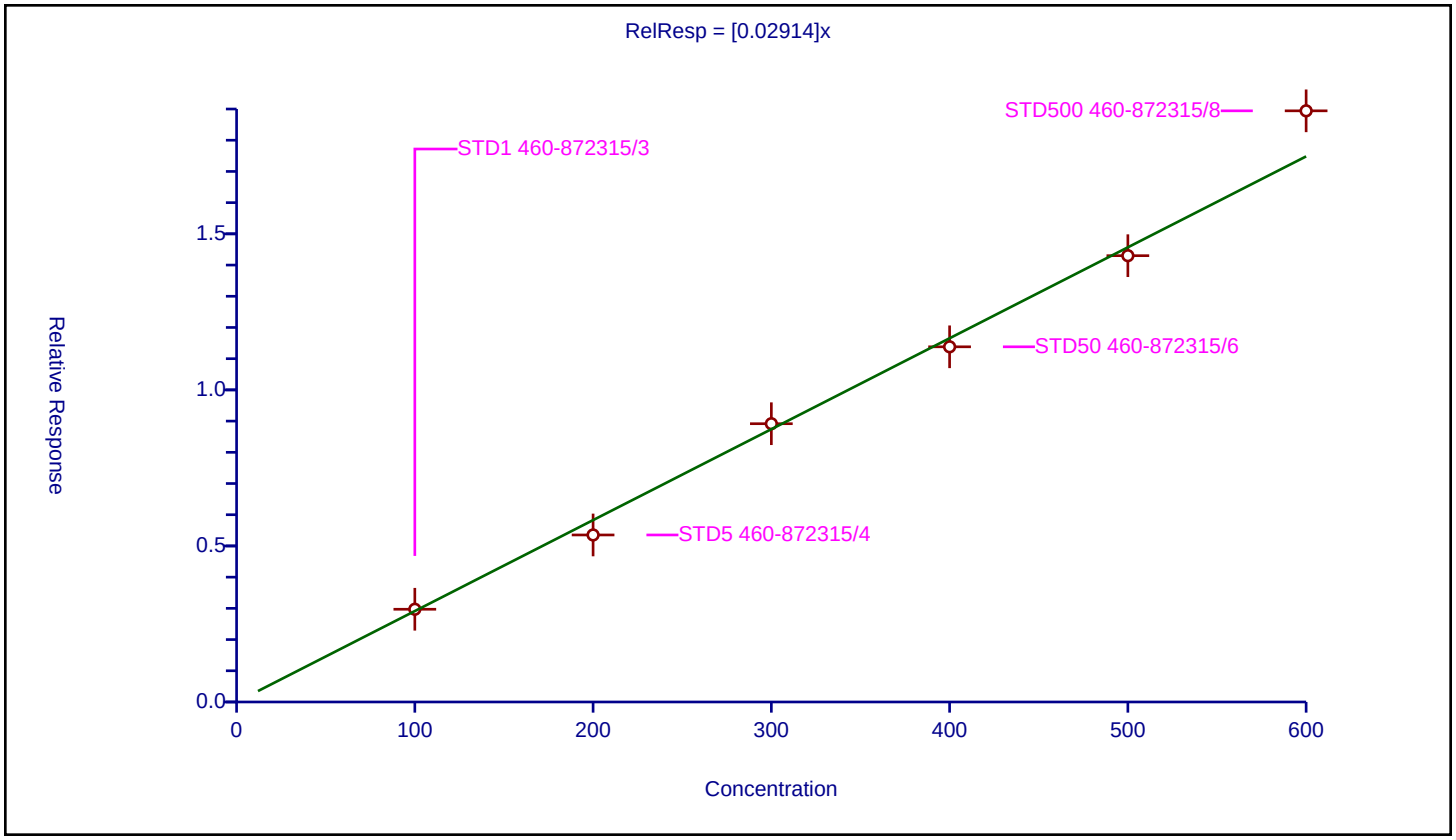
Curve Coefficients

Intercept:	0
Slope:	0.02914

Error Coefficients

Standard Error:	160000
Relative Standard Error:	5.5
Correlation Coefficient:	0.954
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	100.0	2.971601	50.0	454553.0	0.029716	Y
2	STD5 460-872315/4	200.0	5.351897	50.0	459538.0	0.026759	Y
3	STD20 460-872315/5	300.0	8.916299	50.0	507963.0	0.029721	Y
4	STD50 460-872315/6	400.0	11.380555	50.0	545259.0	0.028451	Y
5	STD200 460-872315/7	500.0	14.300589	50.0	628593.0	0.028601	Y
6	STD500 460-872315/8	600.0	18.94159	50.0	697027.0	0.031569	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

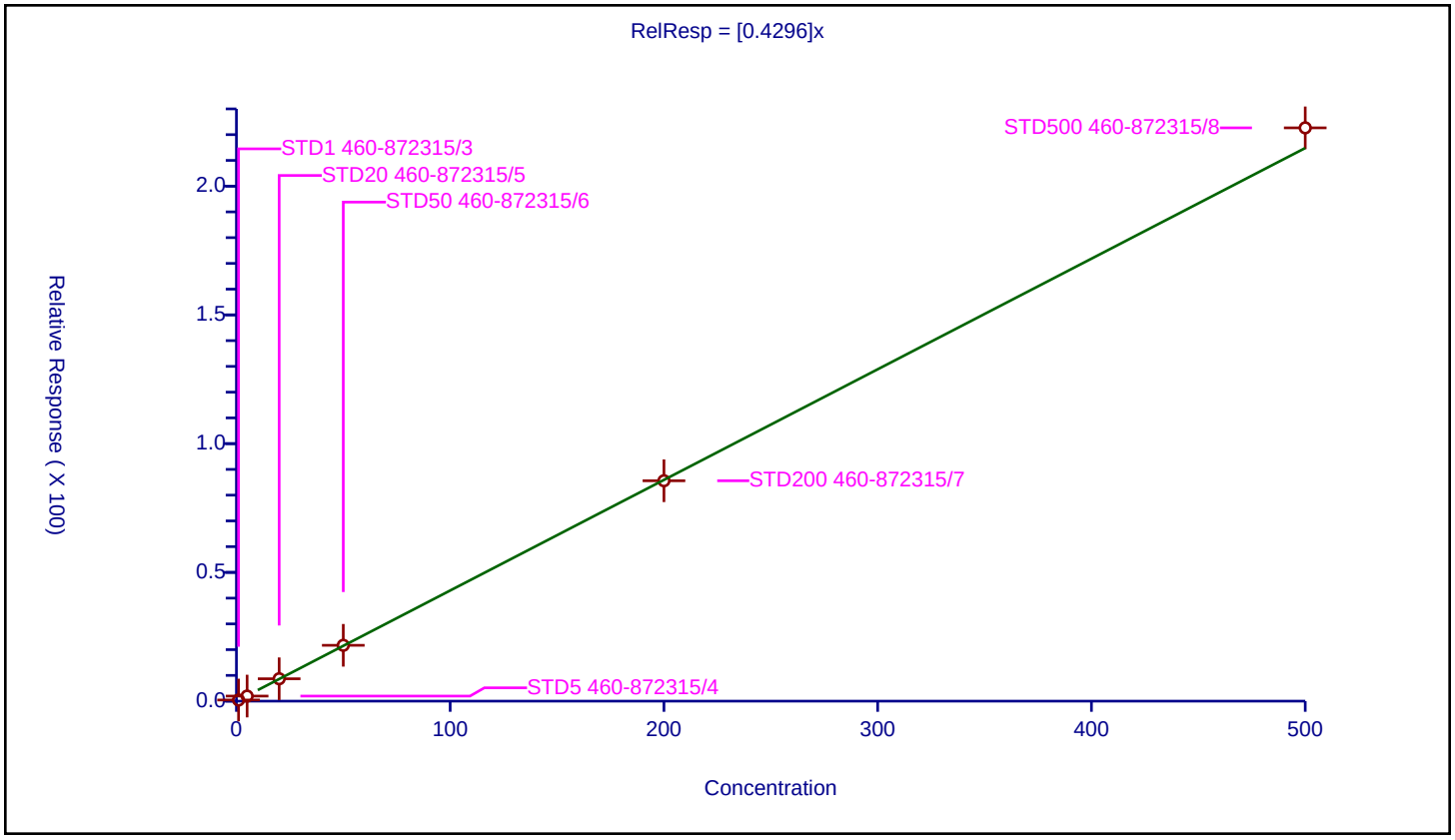
Curve Coefficients

Intercept:	0
Slope:	0.4296

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.441863	50.0	454553.0	0.441863	Y
2	STD5 460-872315/4	5.0	1.971545	50.0	459538.0	0.394309	Y
3	STD20 460-872315/5	20.0	8.689412	50.0	507963.0	0.434471	Y
4	STD50 460-872315/6	50.0	21.680798	50.0	545259.0	0.433616	Y
5	STD200 460-872315/7	200.0	85.582563	50.0	628593.0	0.427913	Y
6	STD500 460-872315/8	500.0	222.640586	50.0	697027.0	0.445281	Y



Calibration / Acetone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

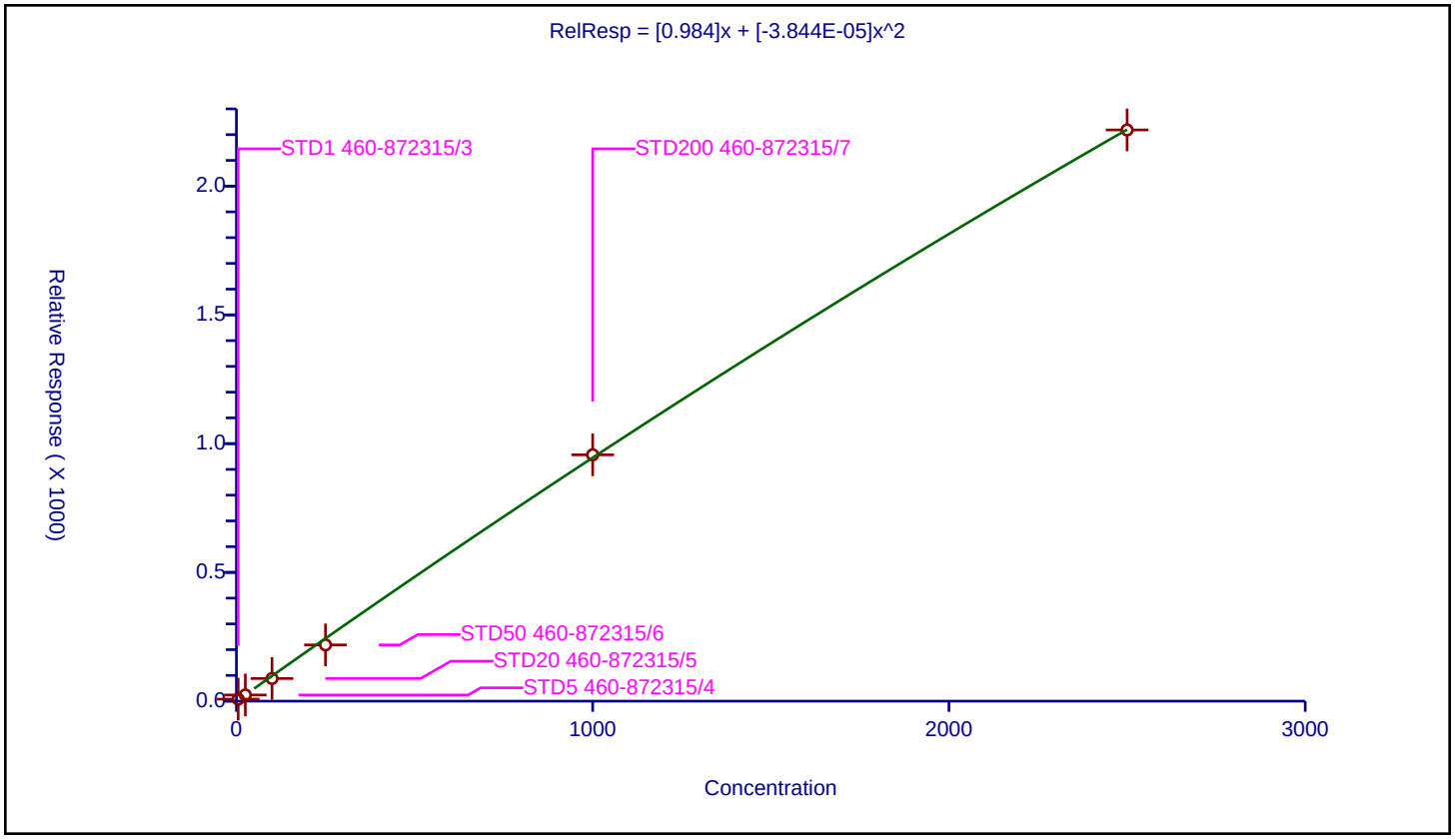
Curve Coefficients

Intercept:	0
Slope:	0.984
Second Order:	-3.844E-05

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	30.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	5.0	7.859207	250.0	135987.0	1.571841	Y
2	STD5 460-872315/4	25.0	23.96786	250.0	140073.0	0.958714	Y
3	STD20 460-872315/5	100.0	87.949129	250.0	151599.0	0.879491	Y
4	STD50 460-872315/6	250.0	218.446328	250.0	168356.0	0.873785	Y
5	STD200 460-872315/7	1000.0	956.562802	250.0	201705.0	0.956563	Y
6	STD500 460-872315/8	2500.0	2218.163991	250.0	232025.0	0.887266	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

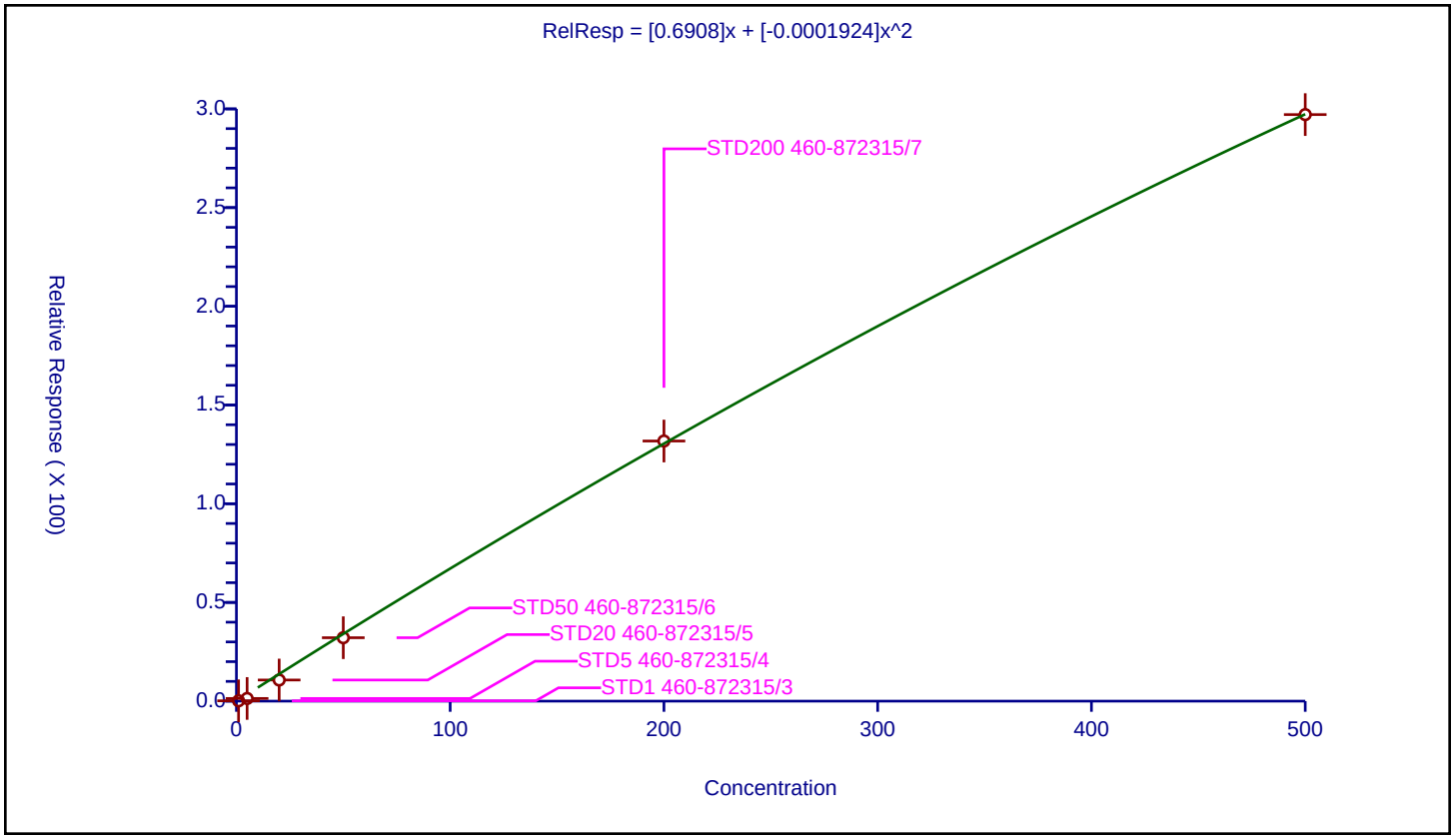
Curve Coefficients

Intercept:	0
Slope:	0.6908
Second Order:	-0.0001924

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	49.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.172037	50.0	454553.0	0.172037	Y
2	STD5 460-872315/4	5.0	1.352989	50.0	459538.0	0.270598	Y
3	STD20 460-872315/5	20.0	10.698909	50.0	507963.0	0.534945	Y
4	STD50 460-872315/6	50.0	32.126201	50.0	545259.0	0.642524	Y
5	STD200 460-872315/7	200.0	131.762205	50.0	628593.0	0.658811	Y
6	STD500 460-872315/8	500.0	297.11202	50.0	697027.0	0.594224	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

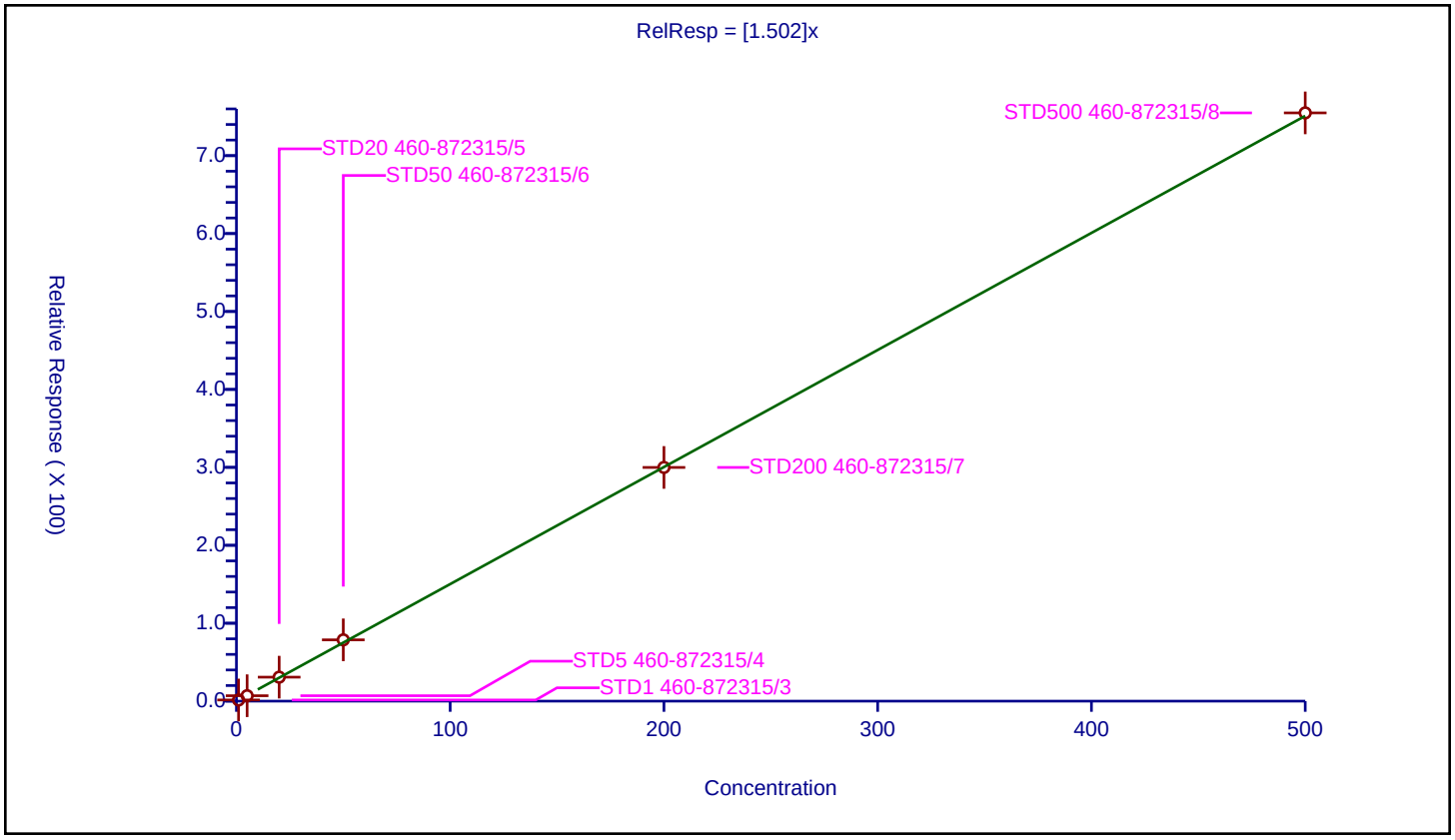
Curve Coefficients

Intercept:	0
Slope:	1.502

Error Coefficients

Standard Error:	5020000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.498835	50.0	454553.0	1.498835	Y
2	STD5 460-872315/4	5.0	6.9658	50.0	459538.0	1.39316	Y
3	STD20 460-872315/5	20.0	30.761788	50.0	507963.0	1.538089	Y
4	STD50 460-872315/6	50.0	78.645469	50.0	545259.0	1.572909	Y
5	STD200 460-872315/7	200.0	299.907253	50.0	628593.0	1.499536	Y
6	STD500 460-872315/8	500.0	754.87578	50.0	697027.0	1.509752	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

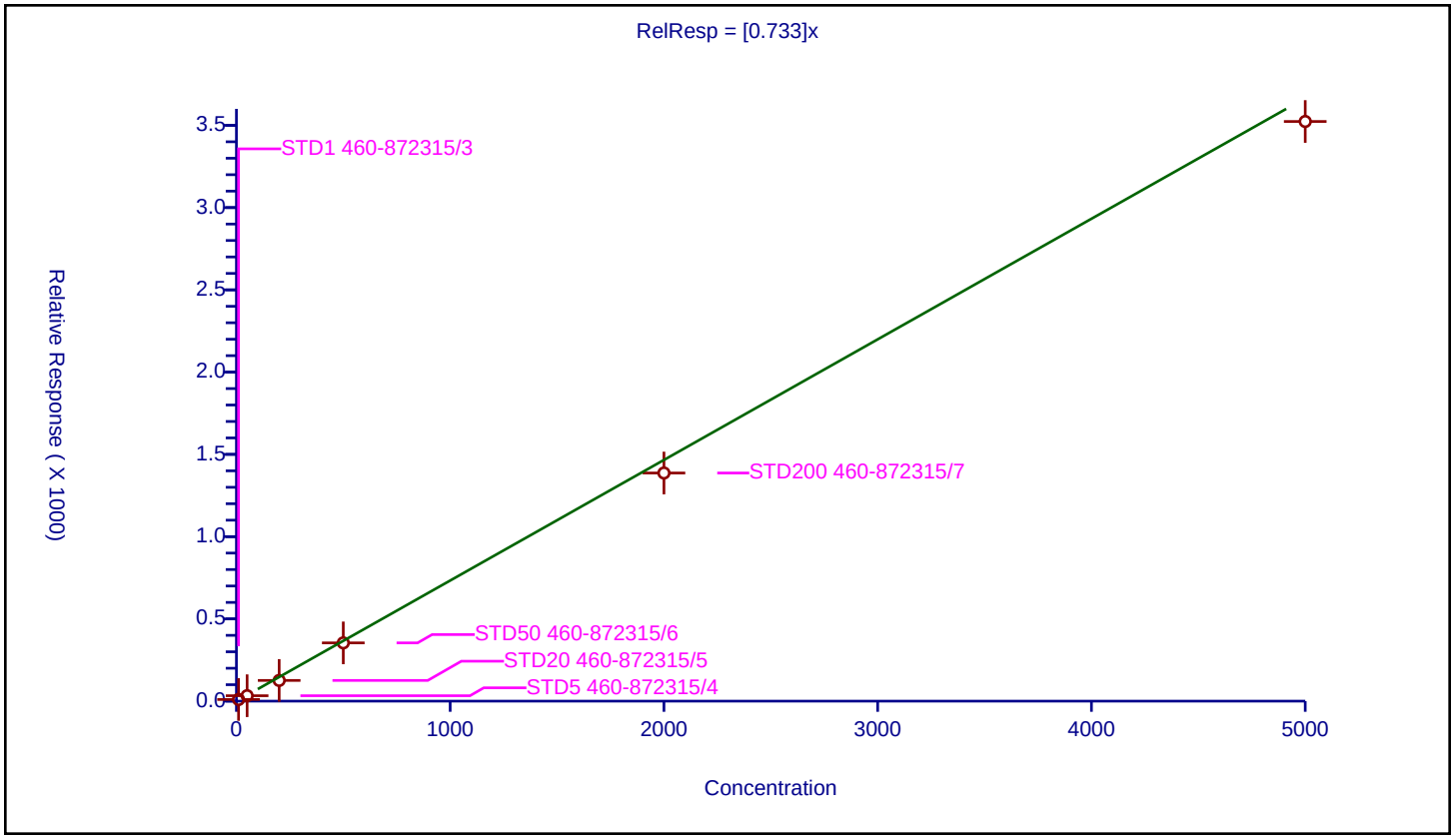
Curve Coefficients

Intercept:	0
Slope:	0.733

Error Coefficients

Standard Error:	363000
Relative Standard Error:	18.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	10.0	10.029974	1000.0	146461.0	1.002997	Y
2	STD5 460-872315/4	50.0	32.9741	1000.0	147722.0	0.659482	Y
3	STD20 460-872315/5	200.0	125.862782	1000.0	154732.0	0.629314	Y
4	STD50 460-872315/6	500.0	354.156742	1000.0	165839.0	0.708313	Y
5	STD200 460-872315/7	2000.0	1386.769389	1000.0	200021.0	0.693385	Y
6	STD500 460-872315/8	5000.0	3523.500594	1000.0	217186.0	0.7047	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

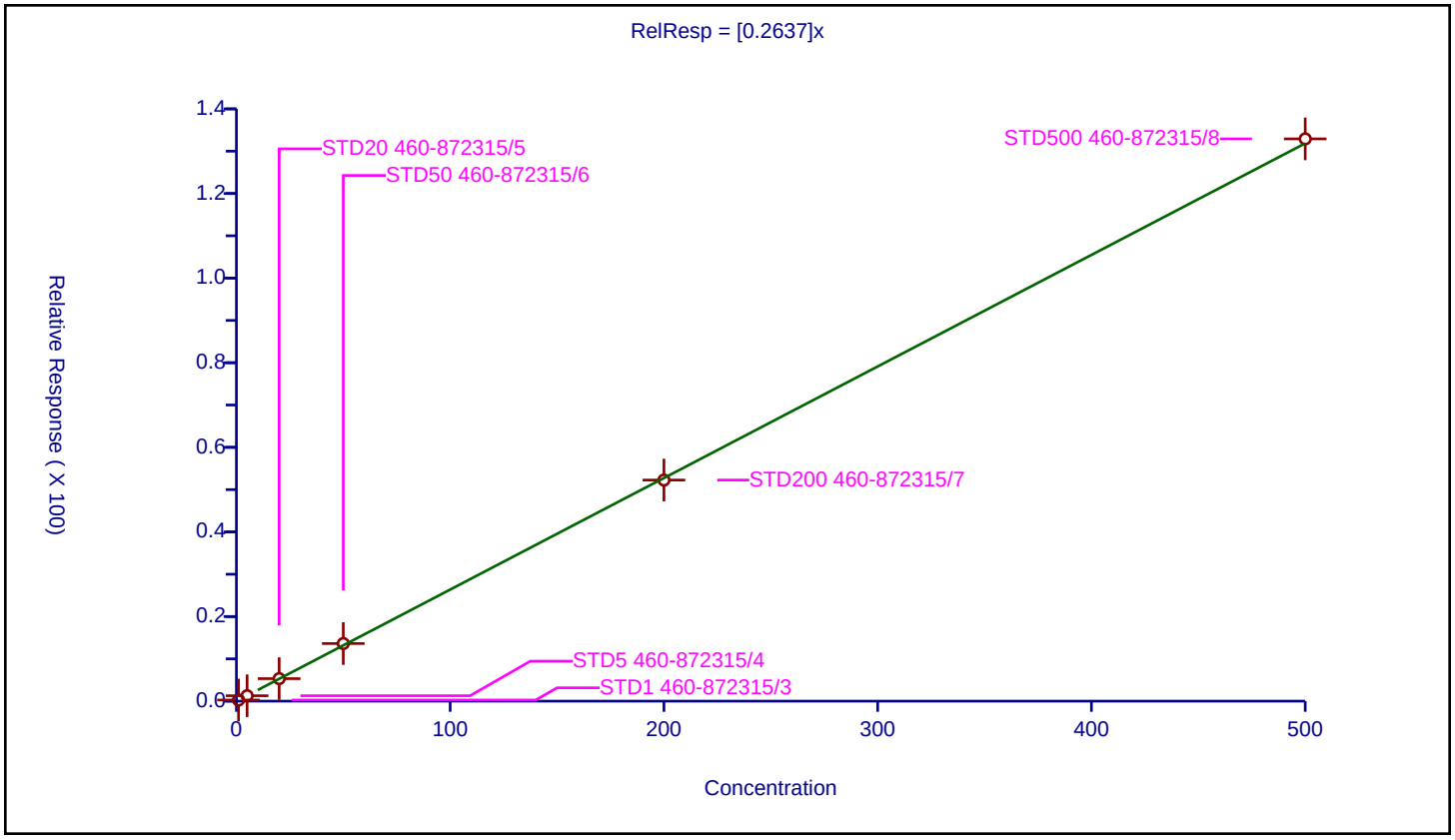
Curve Coefficients

Intercept:	0
Slope:	0.2637

Error Coefficients

Standard Error:	882000
Relative Standard Error:	2.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.261906	50.0	454553.0	0.261906	Y
2	STD5 460-872315/4	5.0	1.274976	50.0	459538.0	0.254995	Y
3	STD20 460-872315/5	20.0	5.319482	50.0	507963.0	0.265974	Y
4	STD50 460-872315/6	50.0	13.61243	50.0	545259.0	0.272249	Y
5	STD200 460-872315/7	200.0	52.256945	50.0	628593.0	0.261285	Y
6	STD500 460-872315/8	500.0	132.909414	50.0	697027.0	0.265819	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

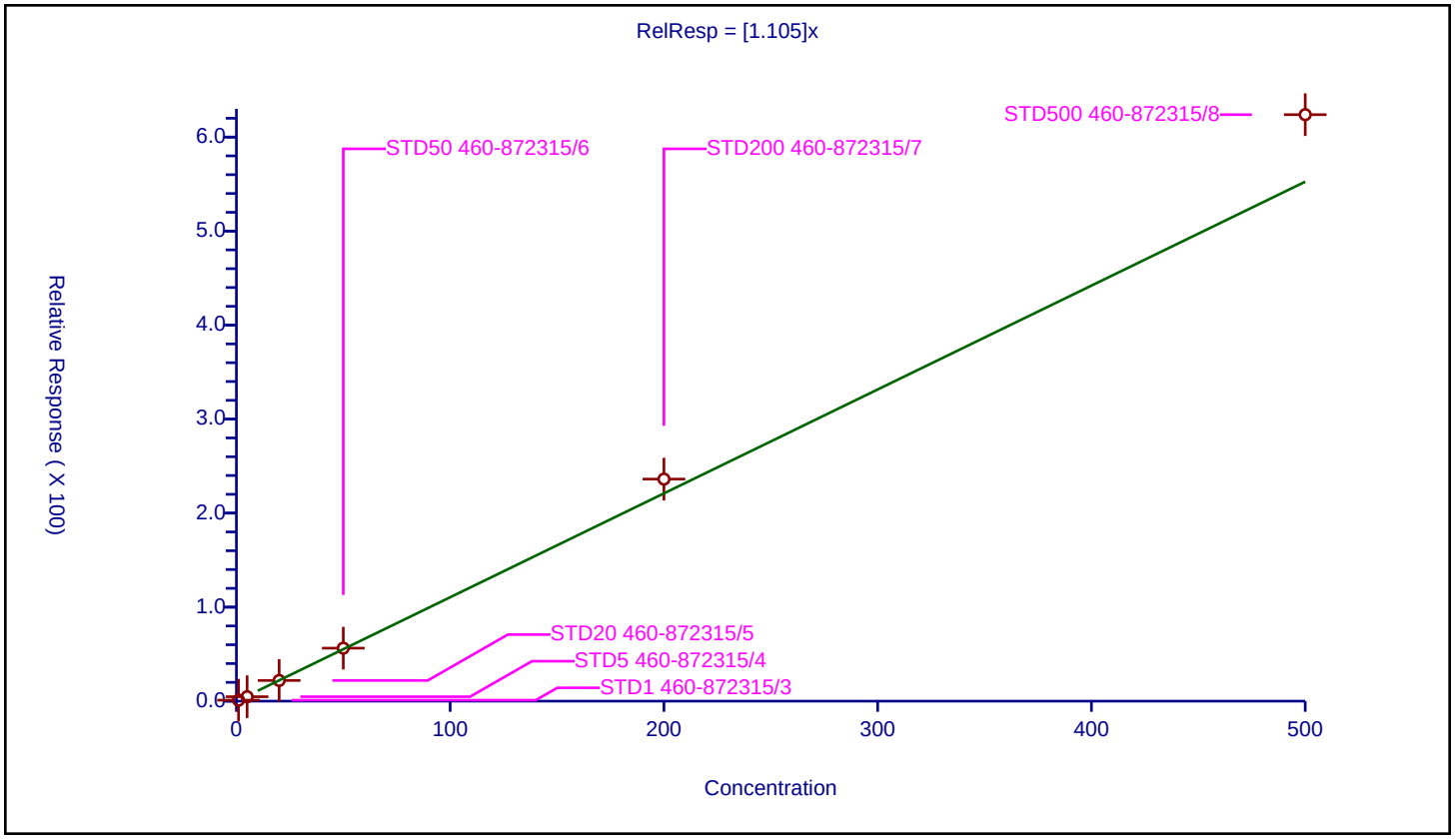
Curve Coefficients

Intercept:	0
Slope:	1.105

Error Coefficients

Standard Error:	4120000
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	STD1 460-872315/3	1.0	1.033213	50.0	454553.0	1.033213	Y
2	STD5 460-872315/4	5.0	4.708098	50.0	459538.0	0.94162	Y
3	STD20 460-872315/5	20.0	21.991562	50.0	507963.0	1.099578	Y
4	STD50 460-872315/6	50.0	56.361656	50.0	545259.0	1.127233	Y
5	STD200 460-872315/7	200.0	236.181361	50.0	628593.0	1.180907	Y
6	STD500 460-872315/8	500.0	623.86371	50.0	697027.0	1.247727	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

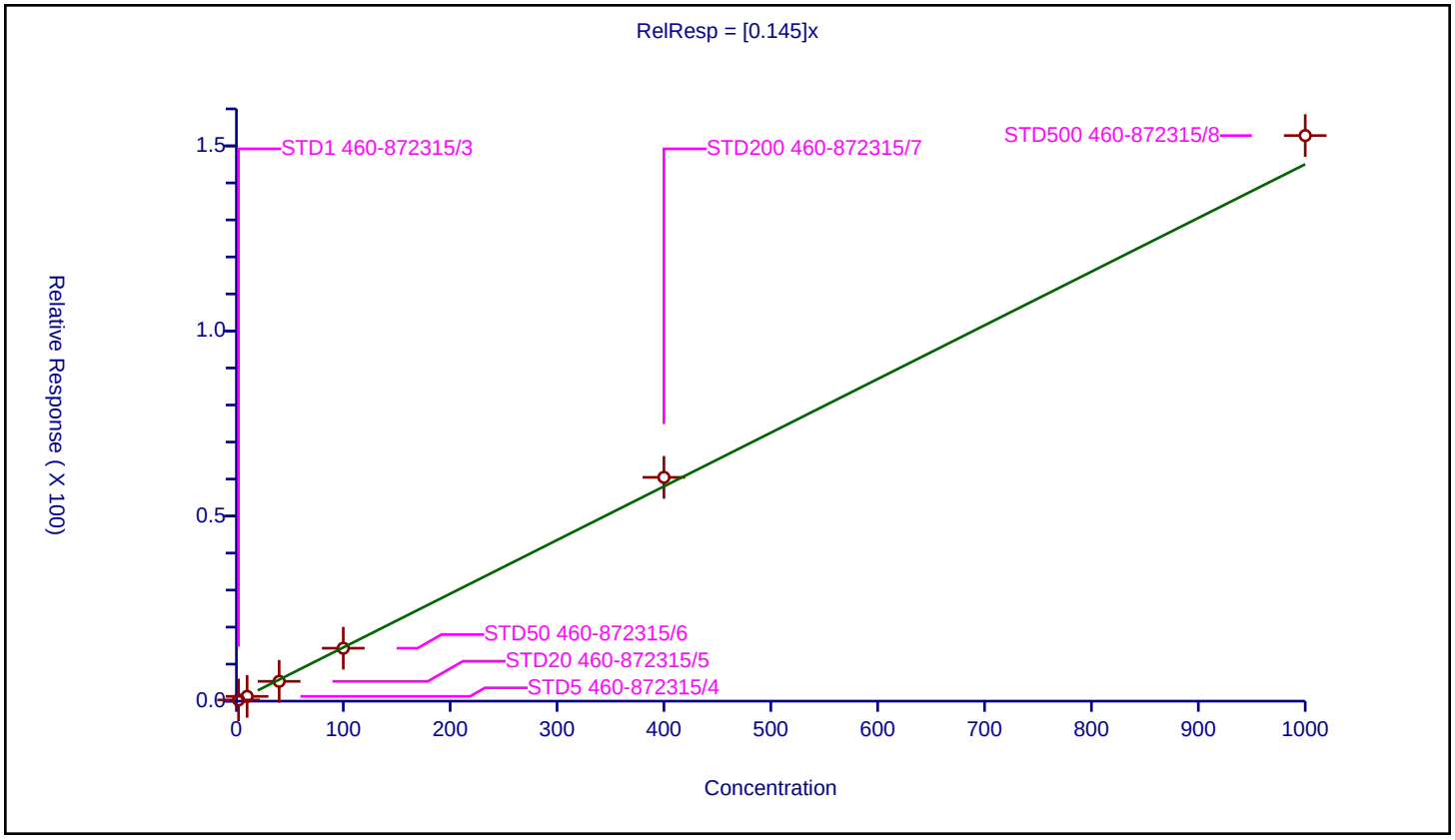
Curve Coefficients

Intercept:	0
Slope:	0.145

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	2.0	0.322185	50.0	454553.0	0.161092	Y
2	STD5 460-872315/4	10.0	1.285748	50.0	459538.0	0.128575	Y
3	STD20 460-872315/5	40.0	5.346354	50.0	507963.0	0.133659	Y
4	STD50 460-872315/6	100.0	14.298434	50.0	545259.0	0.142984	Y
5	STD200 460-872315/7	400.0	60.458755	50.0	628593.0	0.151147	Y
6	STD500 460-872315/8	1000.0	152.787625	50.0	697027.0	0.152788	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

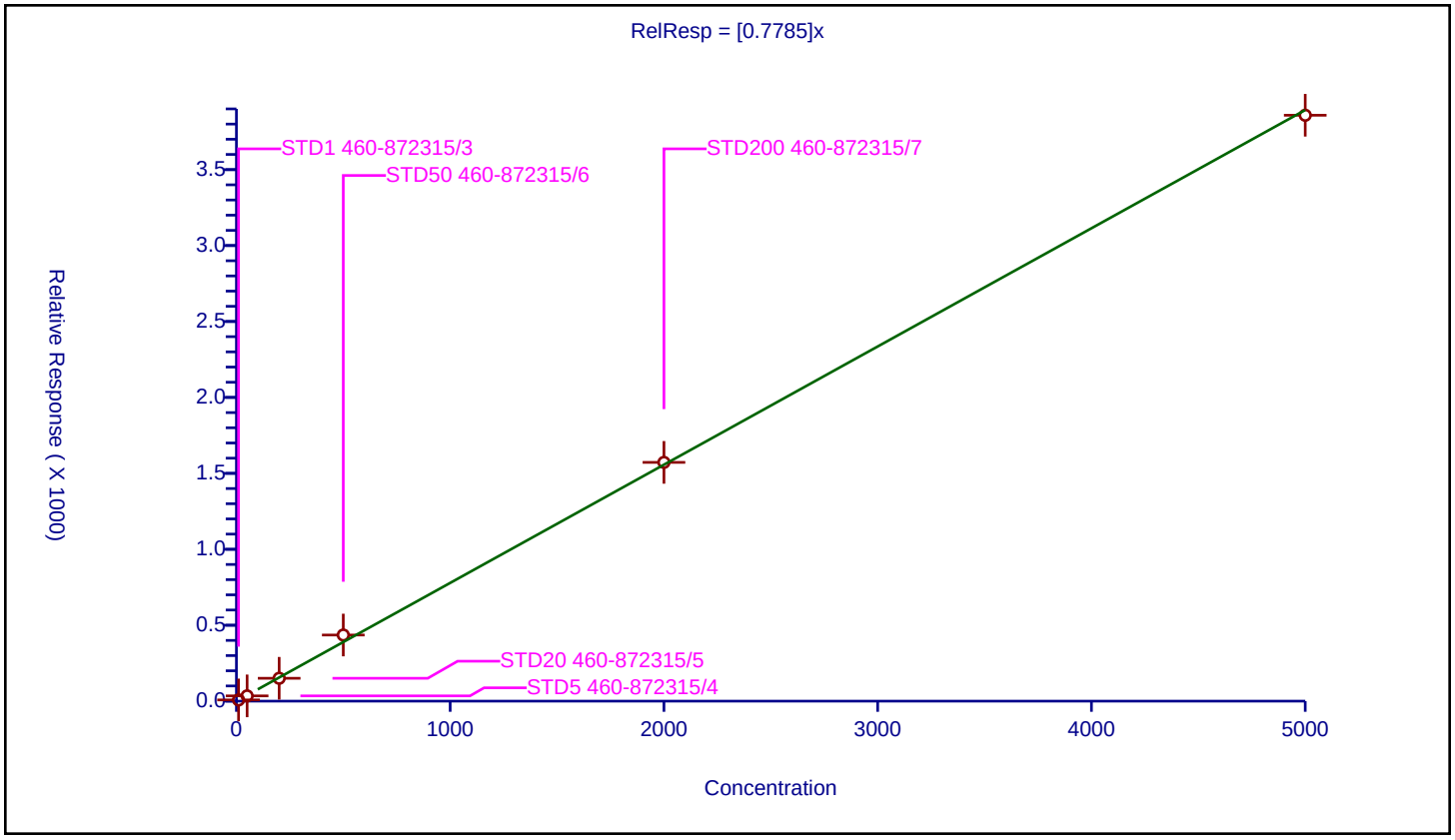
Curve Coefficients

Intercept:	0
Slope:	0.7785

Error Coefficients

Standard Error:	400000
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	STD1 460-872315/3	10.0	7.967991	1000.0	146461.0	0.796799	Y
2	STD5 460-872315/4	50.0	34.625851	1000.0	147722.0	0.692517	Y
3	STD20 460-872315/5	200.0	150.582943	1000.0	154732.0	0.752915	Y
4	STD50 460-872315/6	500.0	435.458487	1000.0	165839.0	0.870917	Y
5	STD200 460-872315/7	2000.0	1572.204918	1000.0	200021.0	0.786102	Y
6	STD500 460-872315/8	5000.0	3858.107797	1000.0	217186.0	0.771622	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

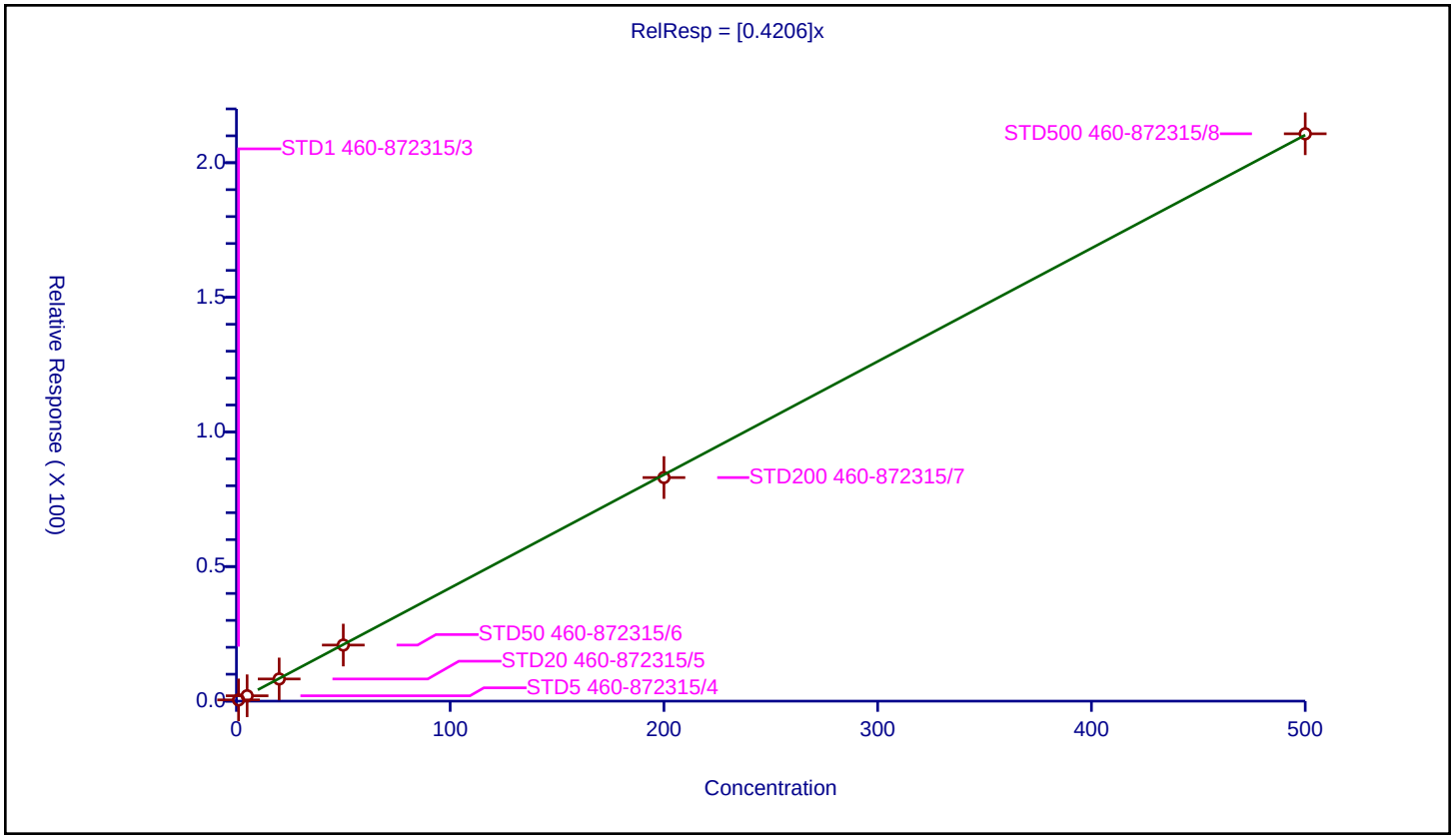
Curve Coefficients

Intercept:	0
Slope:	0.4206

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.459572	50.0	454553.0	0.459572	Y
2	STD5 460-872315/4	5.0	1.995156	50.0	459538.0	0.399031	Y
3	STD20 460-872315/5	20.0	8.232686	50.0	507963.0	0.411634	Y
4	STD50 460-872315/6	50.0	20.828175	50.0	545259.0	0.416564	Y
5	STD200 460-872315/7	200.0	83.051911	50.0	628593.0	0.41526	Y
6	STD500 460-872315/8	500.0	210.755753	50.0	697027.0	0.421512	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

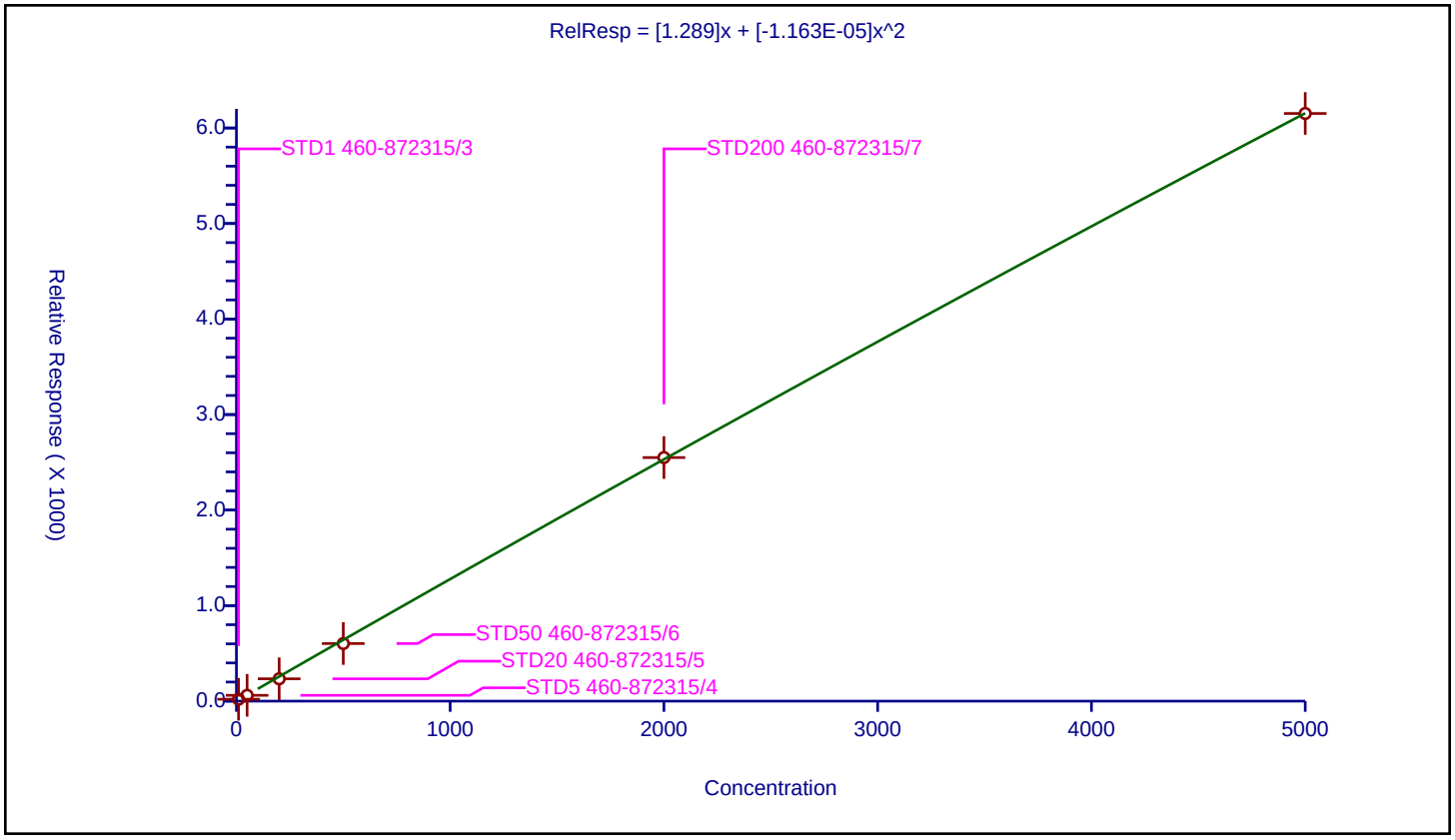
Curve Coefficients

Intercept:	0
Slope:	1.289
Second Order:	-1.163E-05

Error Coefficients

Standard Error:	714000
Relative Standard Error:	28.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	10.0	20.005326	1000.0	146461.0	2.000533	Y
2	STD5 460-872315/4	50.0	60.850787	1000.0	147722.0	1.217016	Y
3	STD20 460-872315/5	200.0	233.739627	1000.0	154732.0	1.168698	Y
4	STD50 460-872315/6	500.0	602.916081	1000.0	165839.0	1.205832	Y
5	STD200 460-872315/7	2000.0	2550.00225	1000.0	200021.0	1.275001	Y
6	STD500 460-872315/8	5000.0	6152.067813	1000.0	217186.0	1.230414	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

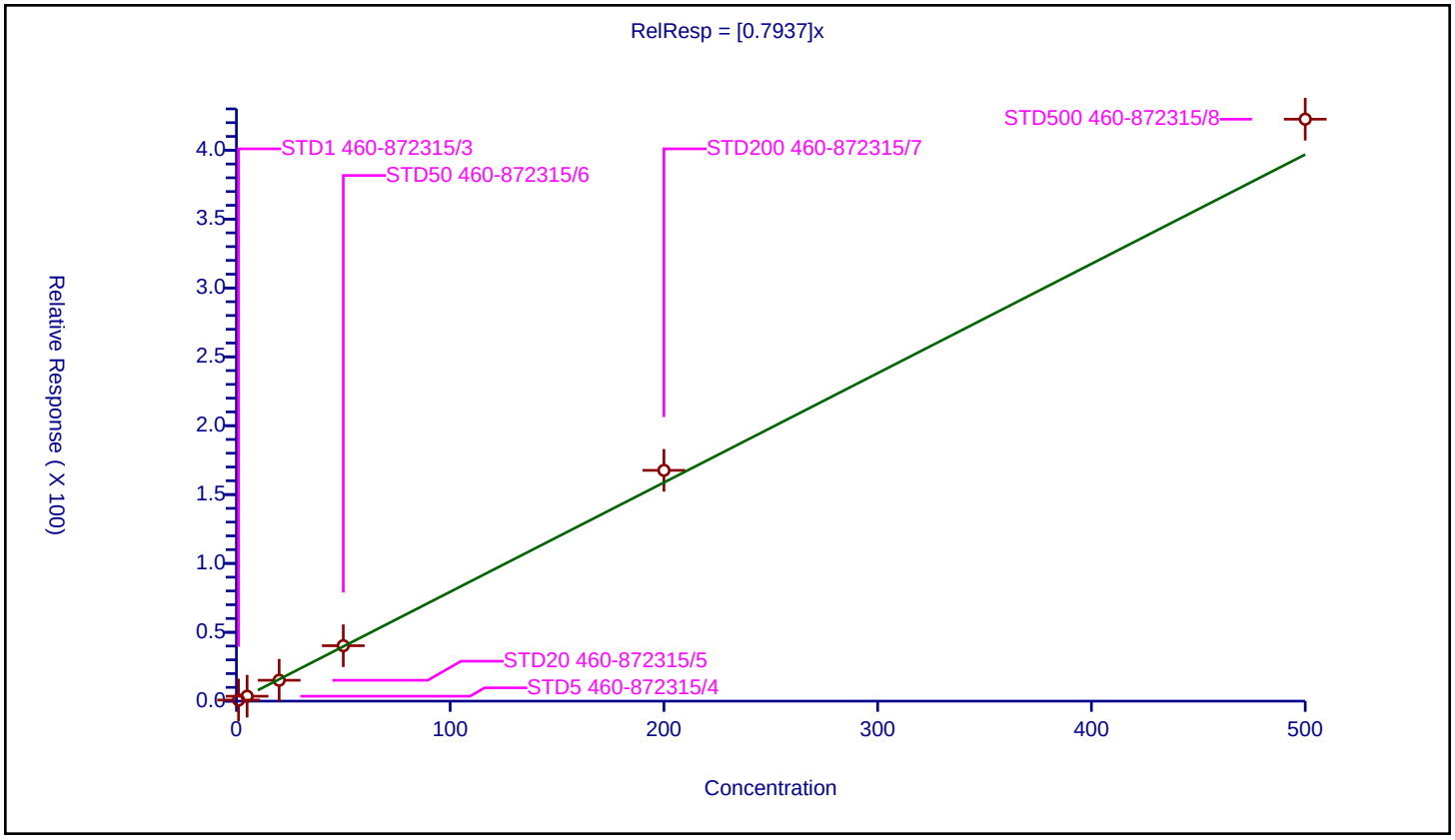
Curve Coefficients

Intercept:	0
Slope:	0.7937

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.799027	50.0	454553.0	0.799027	Y
2	STD5 460-872315/4	5.0	3.583273	50.0	459538.0	0.716655	Y
3	STD20 460-872315/5	20.0	15.17896	50.0	507963.0	0.758948	Y
4	STD50 460-872315/6	50.0	40.245828	50.0	545259.0	0.804917	Y
5	STD200 460-872315/7	200.0	167.575283	50.0	628593.0	0.837876	Y
6	STD500 460-872315/8	500.0	422.511825	50.0	697027.0	0.845024	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

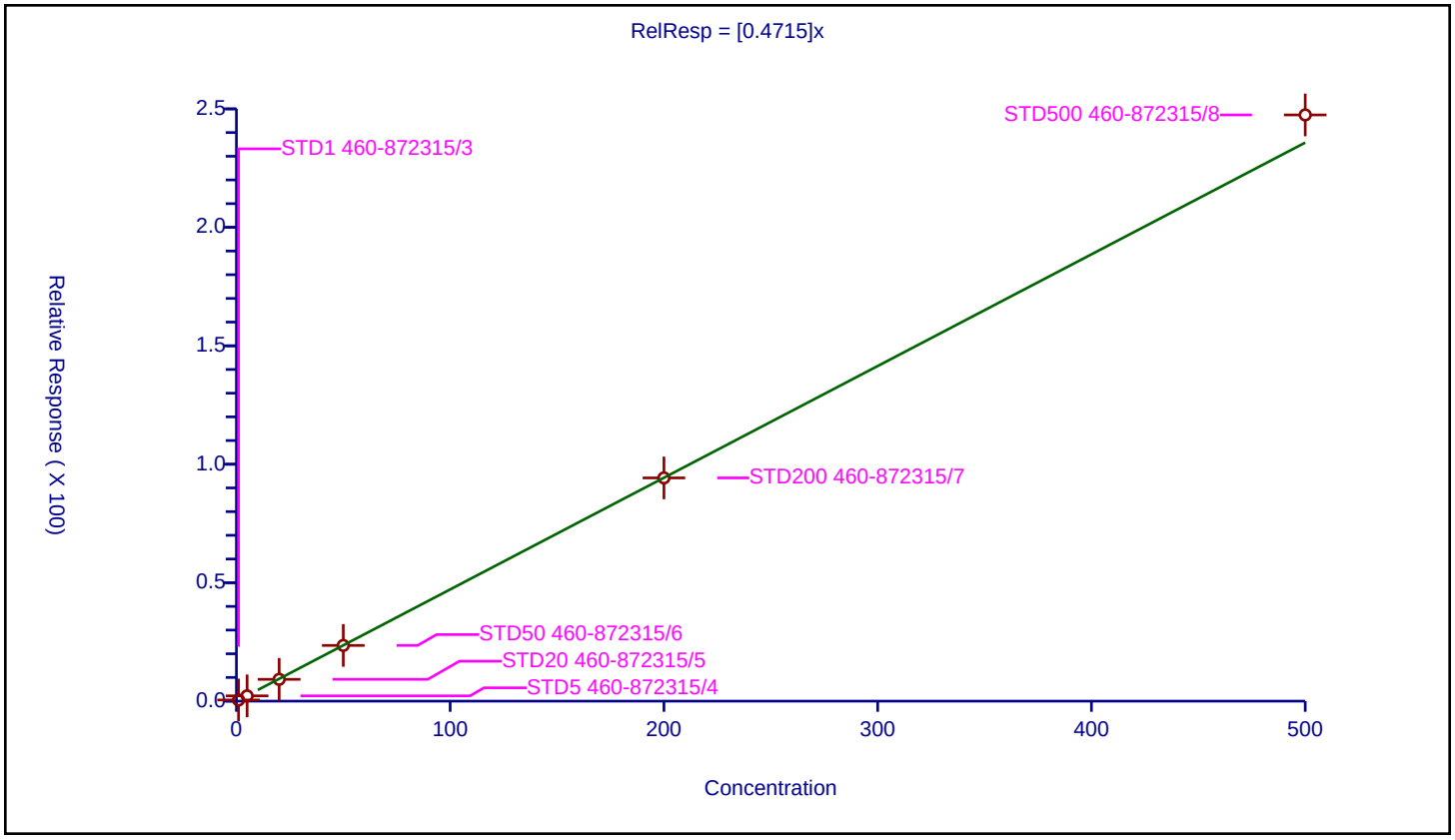
Curve Coefficients

Intercept:	0
Slope:	0.4715

Error Coefficients

Standard Error:	1640000
Relative Standard Error:	3.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.486962	50.0	454553.0	0.486962	Y
2	STD5 460-872315/4	5.0	2.227237	50.0	459538.0	0.445447	Y
3	STD20 460-872315/5	20.0	9.207265	50.0	507963.0	0.460363	Y
4	STD50 460-872315/6	50.0	23.513413	50.0	545259.0	0.470268	Y
5	STD200 460-872315/7	200.0	94.226948	50.0	628593.0	0.471135	Y
6	STD500 460-872315/8	500.0	247.44558	50.0	697027.0	0.494891	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

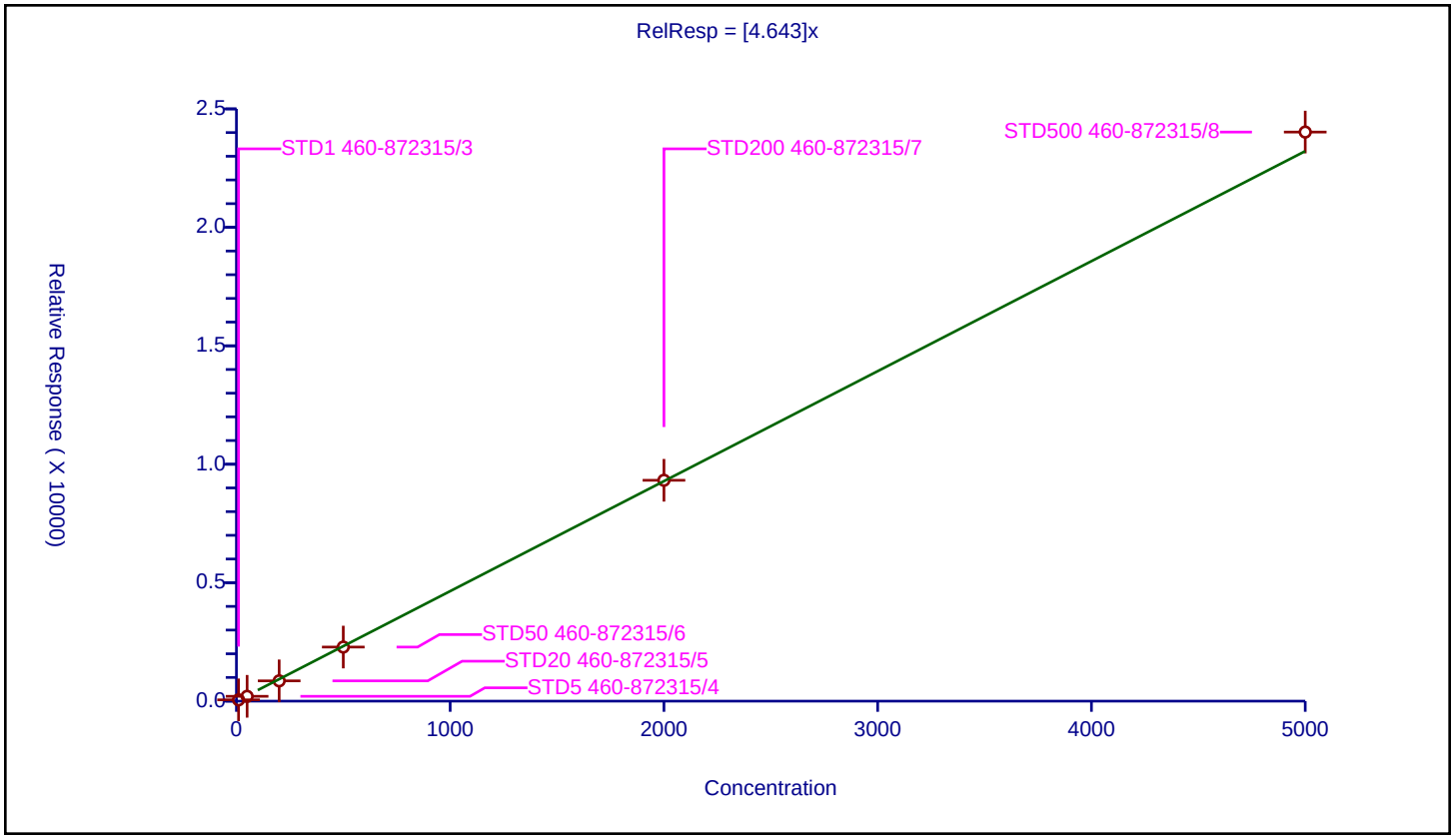
Curve Coefficients

Intercept:	0
Slope:	4.643

Error Coefficients

Standard Error:	2470000
Relative Standard Error:	10.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	10.0	54.683499	1000.0	146461.0	5.46835	Y
2	STD5 460-872315/4	50.0	203.910047	1000.0	147722.0	4.078201	Y
3	STD20 460-872315/5	200.0	856.034951	1000.0	154732.0	4.280175	Y
4	STD50 460-872315/6	500.0	2283.322982	1000.0	165839.0	4.566646	Y
5	STD200 460-872315/7	2000.0	9323.136071	1000.0	200021.0	4.661568	Y
6	STD500 460-872315/8	5000.0	24021.948929	1000.0	217186.0	4.80439	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

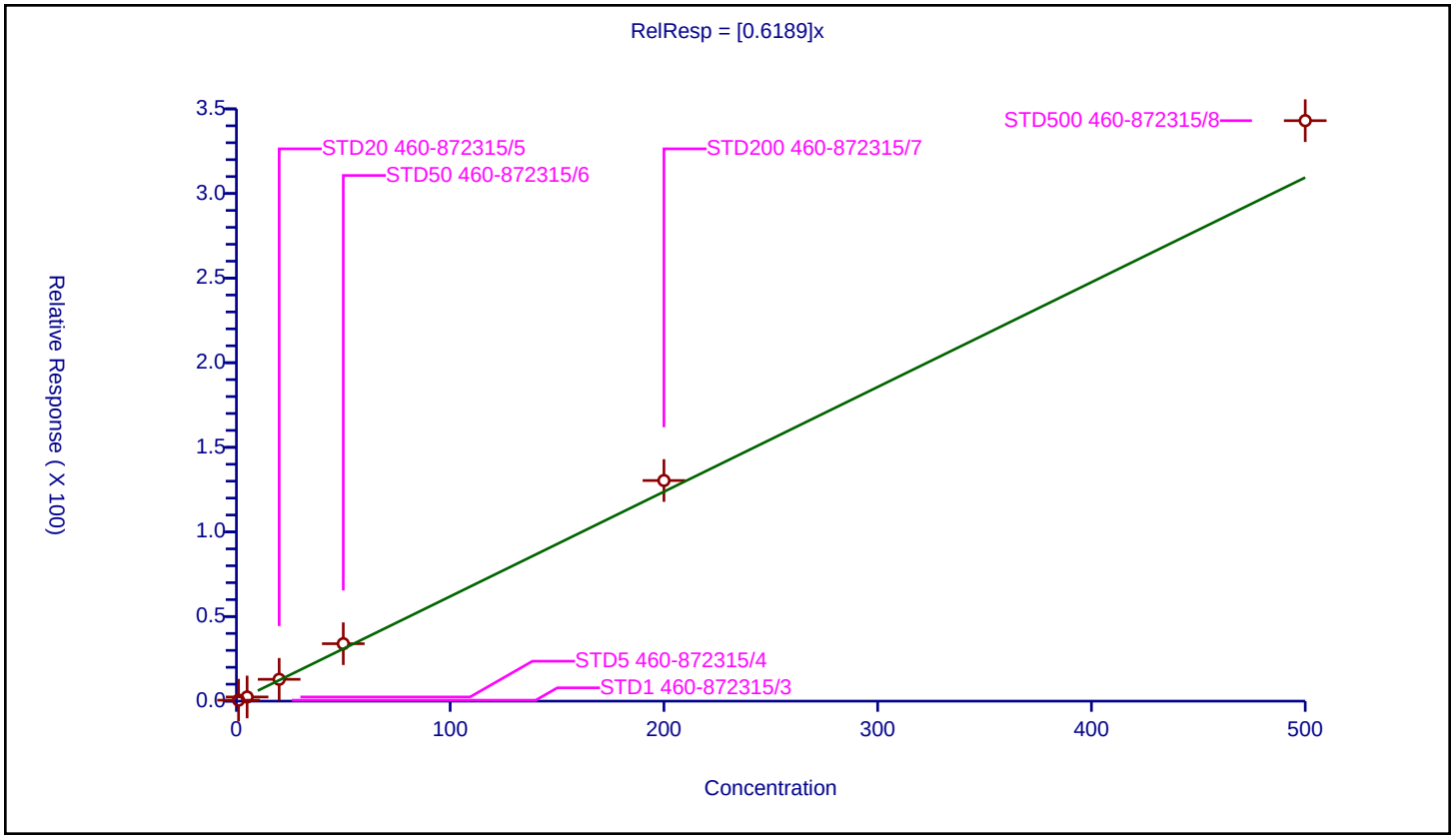
Curve Coefficients

Intercept:	0
Slope:	0.6189

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	12.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.558241	50.0	454553.0	0.558241	Y
2	STD5 460-872315/4	5.0	2.468566	50.0	459538.0	0.493713	Y
3	STD20 460-872315/5	20.0	12.893262	50.0	507963.0	0.644663	Y
4	STD50 460-872315/6	50.0	33.937358	50.0	545259.0	0.678747	Y
5	STD200 460-872315/7	200.0	130.374821	50.0	628593.0	0.651874	Y
6	STD500 460-872315/8	500.0	343.03621	50.0	697027.0	0.686072	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

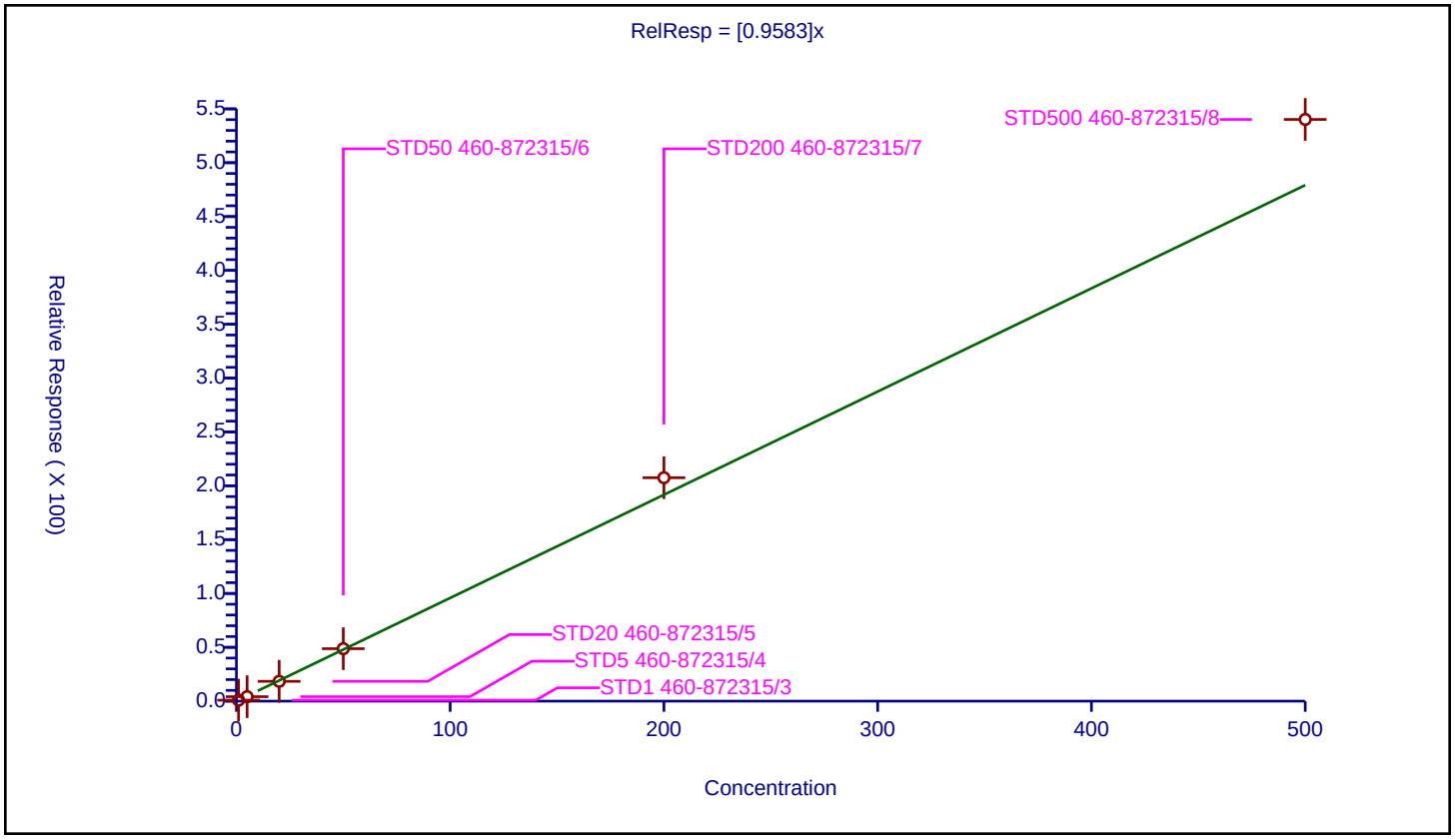
Curve Coefficients

Intercept:	0
Slope:	0.9583

Error Coefficients

Standard Error:	3570000
Relative Standard Error:	9.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.910015	50.0	454553.0	0.910015	Y
2	STD5 460-872315/4	5.0	4.144271	50.0	459538.0	0.828854	Y
3	STD20 460-872315/5	20.0	18.382441	50.0	507963.0	0.919122	Y
4	STD50 460-872315/6	50.0	48.709696	50.0	545259.0	0.974194	Y
5	STD200 460-872315/7	200.0	207.475425	50.0	628593.0	1.037377	Y
6	STD500 460-872315/8	500.0	540.204253	50.0	697027.0	1.080409	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

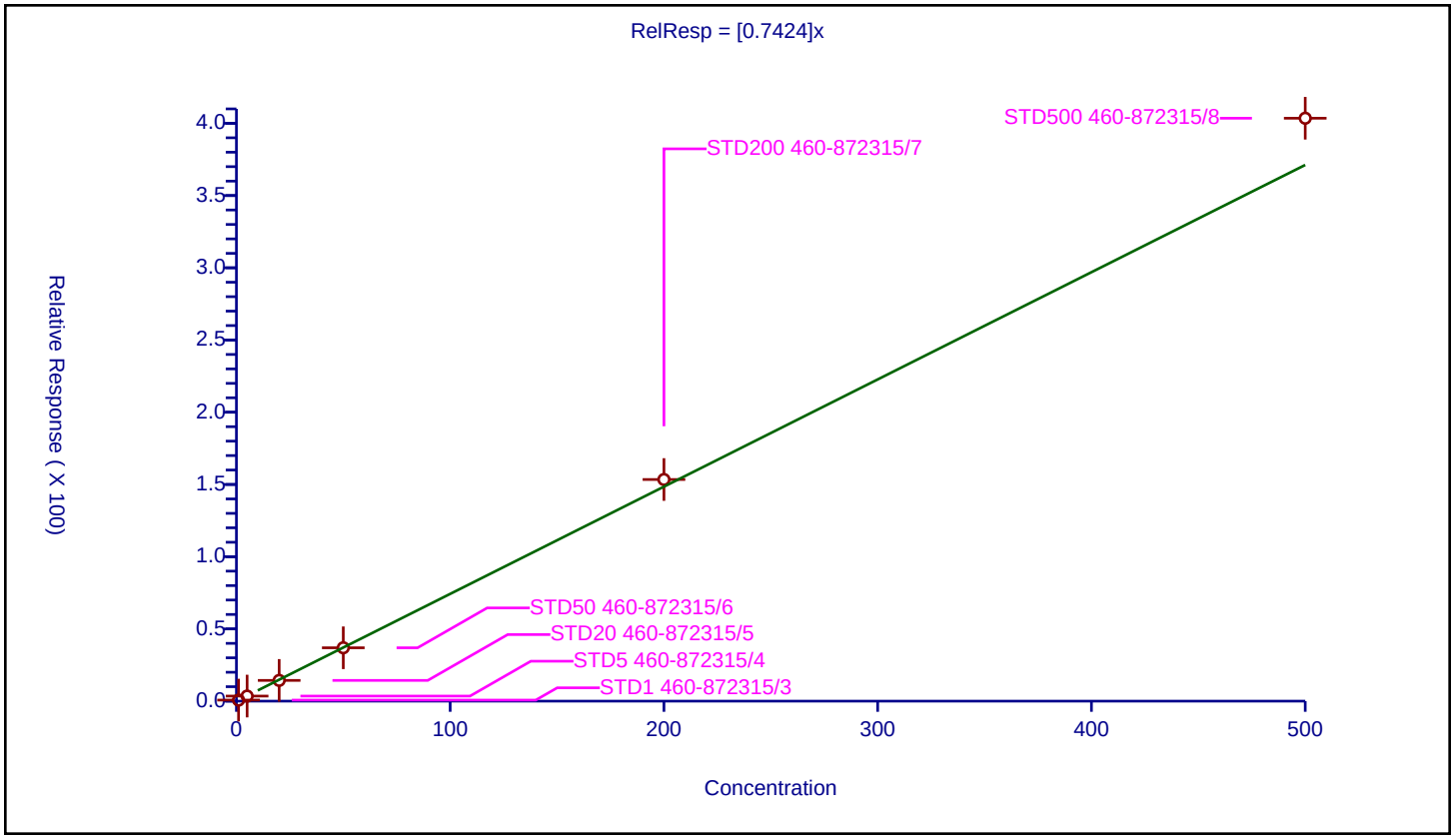
Curve Coefficients

Intercept:	0
Slope:	0.7424

Error Coefficients

Standard Error:	2670000
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	STD1 460-872315/3	1.0	0.719498	50.0	454553.0	0.719498	Y
2	STD5 460-872315/4	5.0	3.51886	50.0	459538.0	0.703772	Y
3	STD20 460-872315/5	20.0	14.358723	50.0	507963.0	0.717936	Y
4	STD50 460-872315/6	50.0	36.942627	50.0	545259.0	0.738853	Y
5	STD200 460-872315/7	200.0	153.428371	50.0	628593.0	0.767142	Y
6	STD500 460-872315/8	500.0	403.53322	50.0	697027.0	0.807066	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

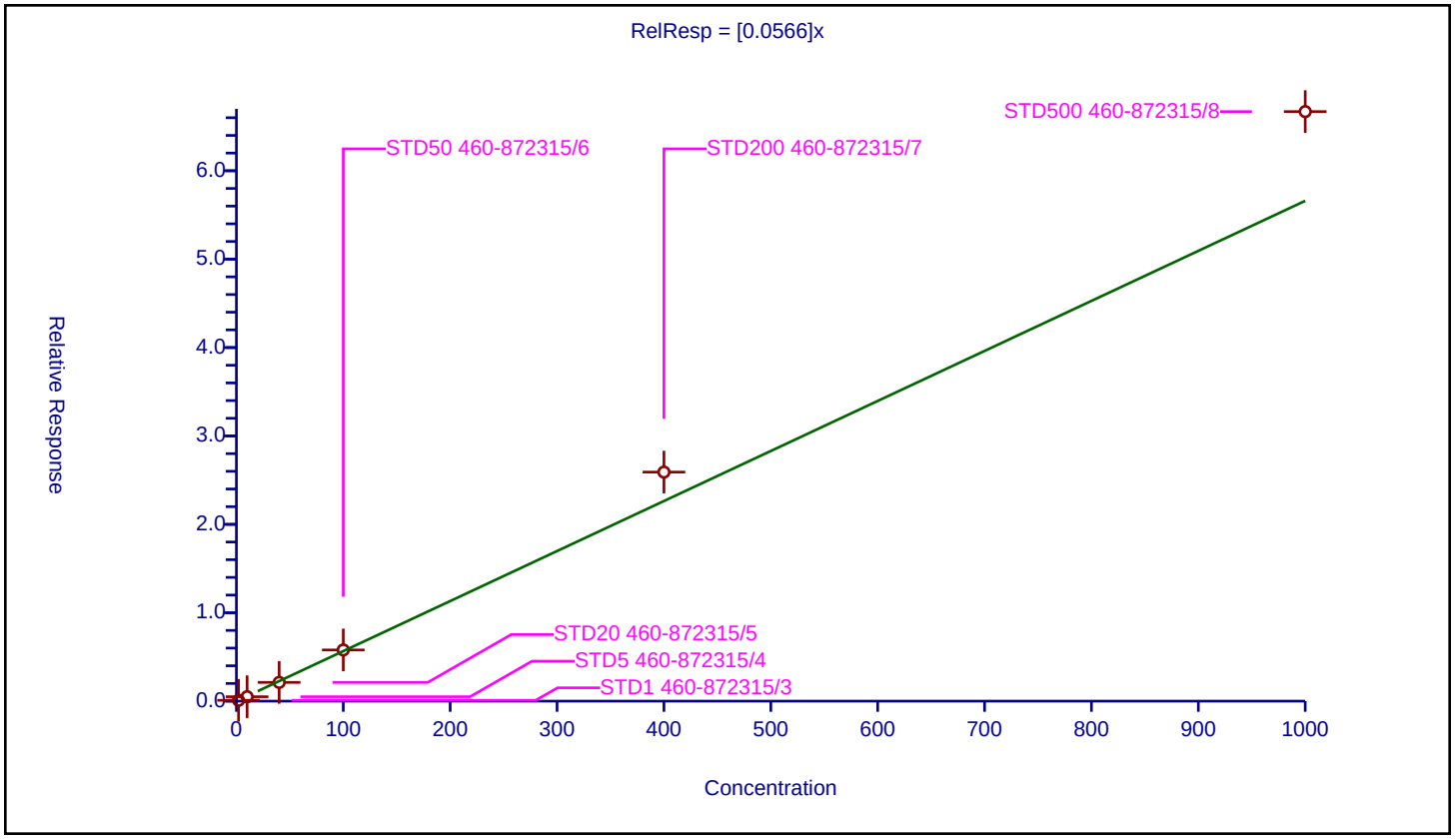
Curve Coefficients

Intercept:	0
Slope:	0.0566

Error Coefficients

Standard Error:	442000
Relative Standard Error:	14.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	2.0	0.094928	50.0	454553.0	0.047464	Y
2	STD5 460-872315/4	10.0	0.497347	50.0	459538.0	0.049735	Y
3	STD20 460-872315/5	40.0	2.120332	50.0	507963.0	0.053008	Y
4	STD50 460-872315/6	100.0	5.790643	50.0	545259.0	0.057906	Y
5	STD200 460-872315/7	400.0	25.911202	50.0	628593.0	0.064778	Y
6	STD500 460-872315/8	1000.0	66.693256	50.0	697027.0	0.066693	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

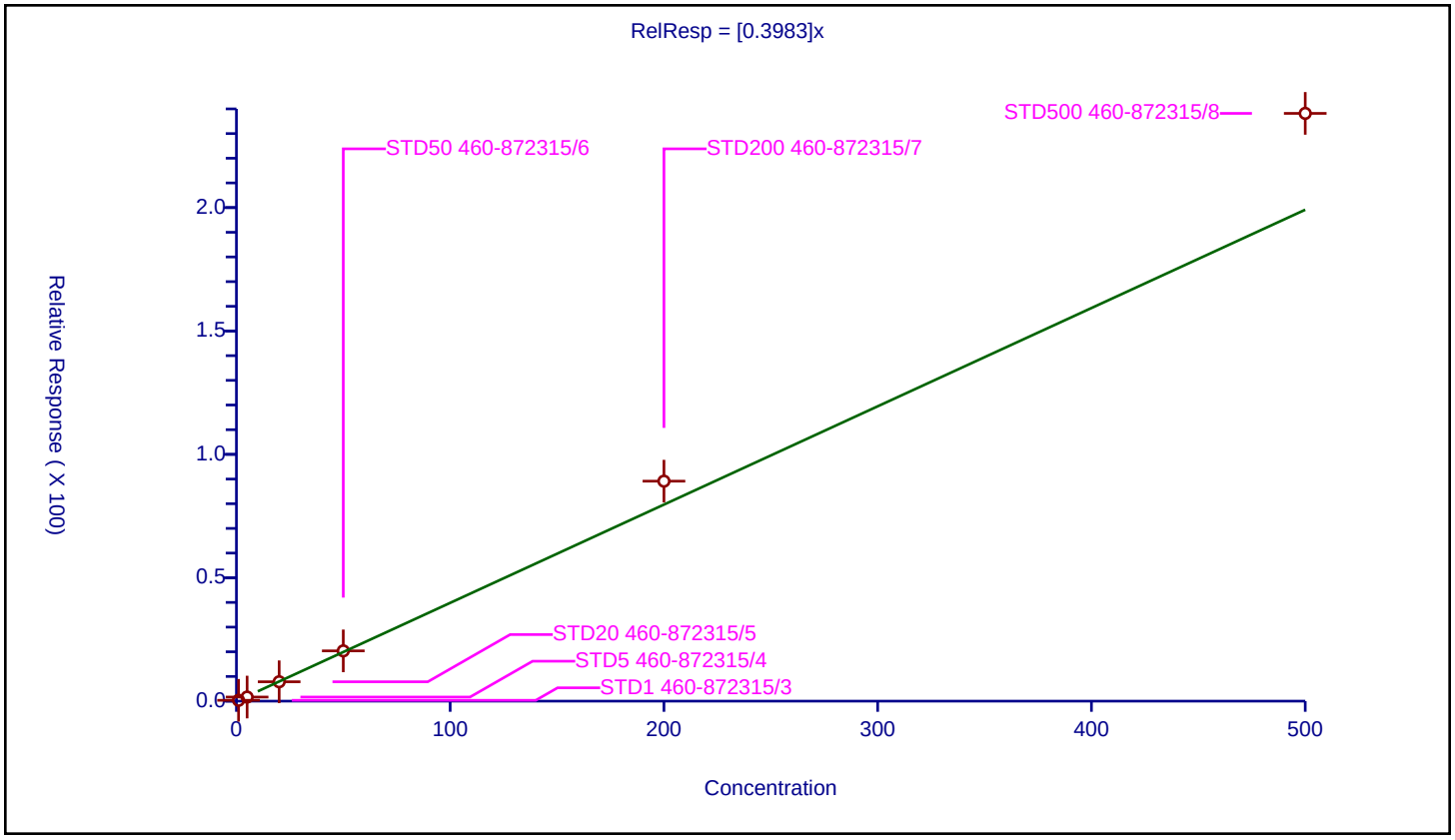
Curve Coefficients

Intercept:	0
Slope:	0.3983

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	14.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.337034	50.0	454553.0	0.337034	Y
2	STD5 460-872315/4	5.0	1.6534	50.0	459538.0	0.33068	Y
3	STD20 460-872315/5	20.0	7.846733	50.0	507963.0	0.392337	Y
4	STD50 460-872315/6	50.0	20.369402	50.0	545259.0	0.407388	Y
5	STD200 460-872315/7	200.0	89.14902	50.0	628593.0	0.445745	Y
6	STD500 460-872315/8	500.0	238.170544	50.0	697027.0	0.476341	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

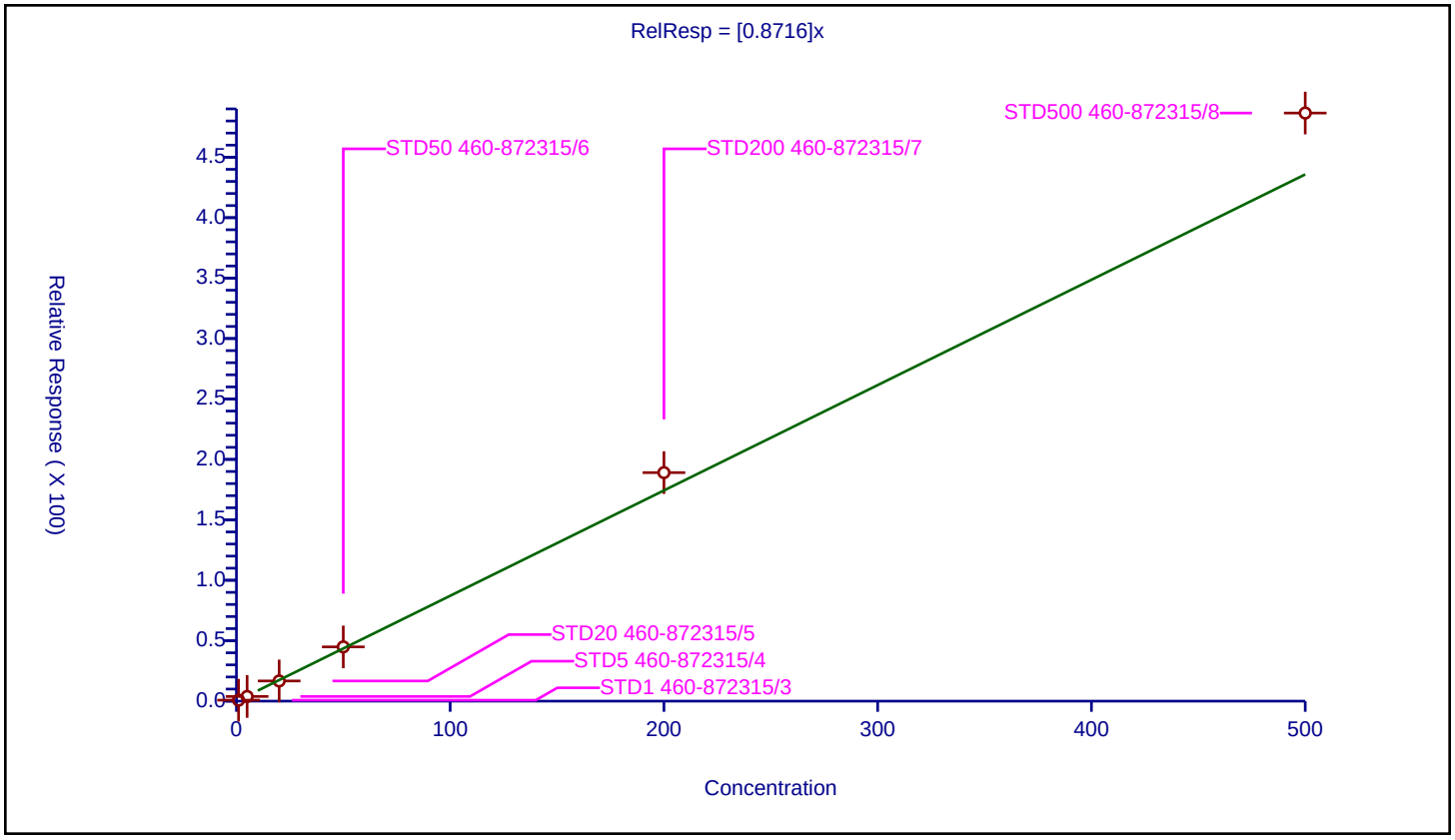
Curve Coefficients

Intercept:	0
Slope:	0.8716

Error Coefficients

Standard Error:	3220000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.805407	50.0	454553.0	0.805407	Y
2	STD5 460-872315/4	5.0	3.868559	50.0	459538.0	0.773712	Y
3	STD20 460-872315/5	20.0	16.682022	50.0	507963.0	0.834101	Y
4	STD50 460-872315/6	50.0	44.882707	50.0	545259.0	0.897654	Y
5	STD200 460-872315/7	200.0	189.07083	50.0	628593.0	0.945354	Y
6	STD500 460-872315/8	500.0	486.56867	50.0	697027.0	0.973137	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

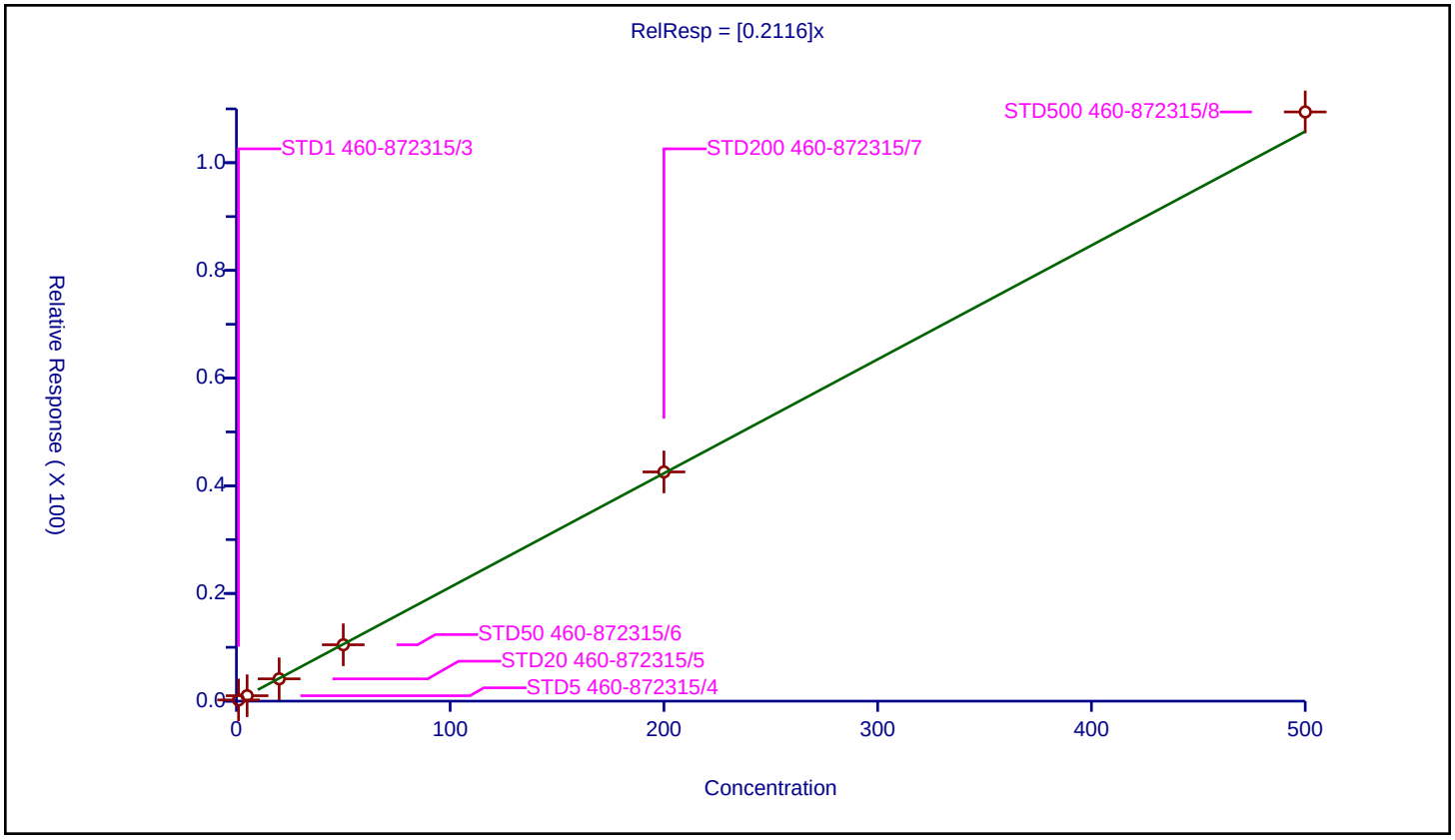
Curve Coefficients

Intercept:	0
Slope:	0.2116

Error Coefficients

Standard Error:	725000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.219556	50.0	454553.0	0.219556	Y
2	STD5 460-872315/4	5.0	1.008513	50.0	459538.0	0.201703	Y
3	STD20 460-872315/5	20.0	4.14479	50.0	507963.0	0.20724	Y
4	STD50 460-872315/6	50.0	10.471904	50.0	545259.0	0.209438	Y
5	STD200 460-872315/7	200.0	42.56896	50.0	628593.0	0.212845	Y
6	STD500 460-872315/8	500.0	109.430481	50.0	697027.0	0.218861	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

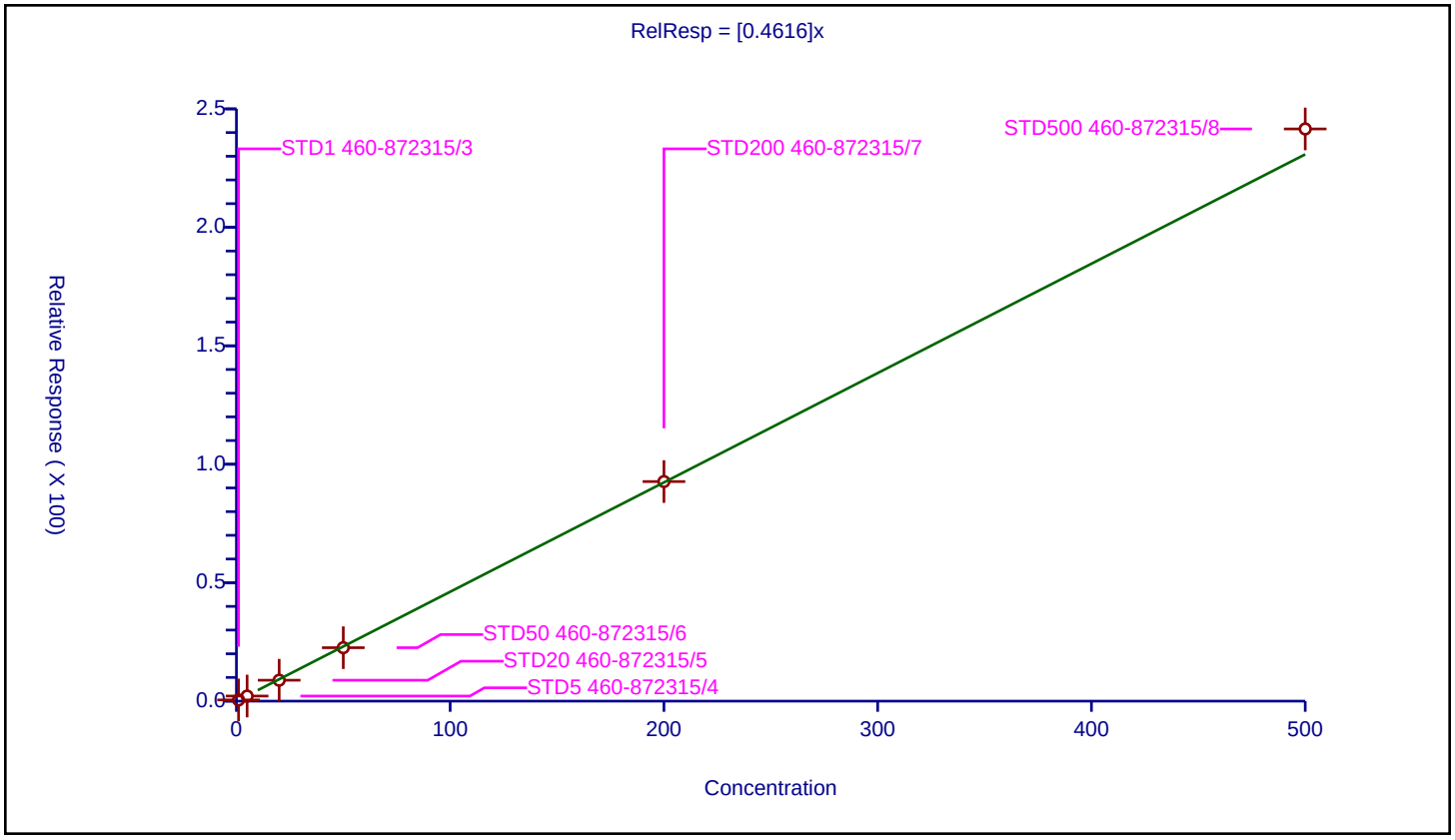
Curve Coefficients

Intercept:	0
Slope:	0.4616

Error Coefficients

Standard Error:	1600000
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	STD1 460-872315/3	1.0	0.500382	50.0	454553.0	0.500382	Y
2	STD5 460-872315/4	5.0	2.151182	50.0	459538.0	0.430236	Y
3	STD20 460-872315/5	20.0	8.827907	50.0	507963.0	0.441395	Y
4	STD50 460-872315/6	50.0	22.56038	50.0	545259.0	0.451208	Y
5	STD200 460-872315/7	200.0	92.691376	50.0	628593.0	0.463457	Y
6	STD500 460-872315/8	500.0	241.529525	50.0	697027.0	0.483059	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

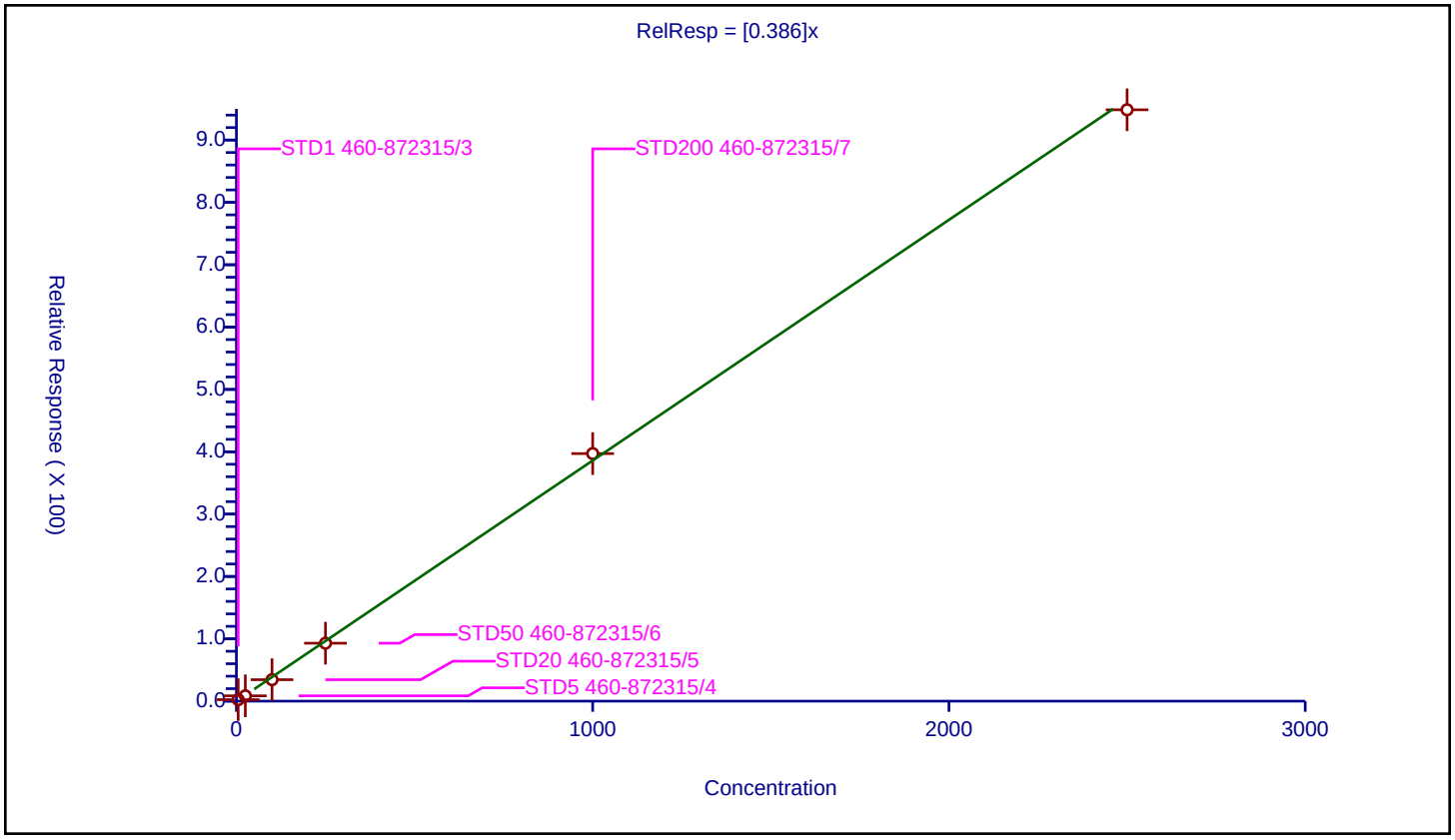
Curve Coefficients

Intercept:	0
Slope:	0.386

Error Coefficients

Standard Error:	420000
Relative Standard Error:	13.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	5.0	2.410157	250.0	135987.0	0.482031	Y
2	STD5 460-872315/4	25.0	8.53662	250.0	140073.0	0.341465	Y
3	STD20 460-872315/5	100.0	34.416454	250.0	151599.0	0.344165	Y
4	STD50 460-872315/6	250.0	92.935506	250.0	168356.0	0.371742	Y
5	STD200 460-872315/7	1000.0	397.089809	250.0	201705.0	0.39709	Y
6	STD500 460-872315/8	2500.0	948.530331	250.0	232025.0	0.379412	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

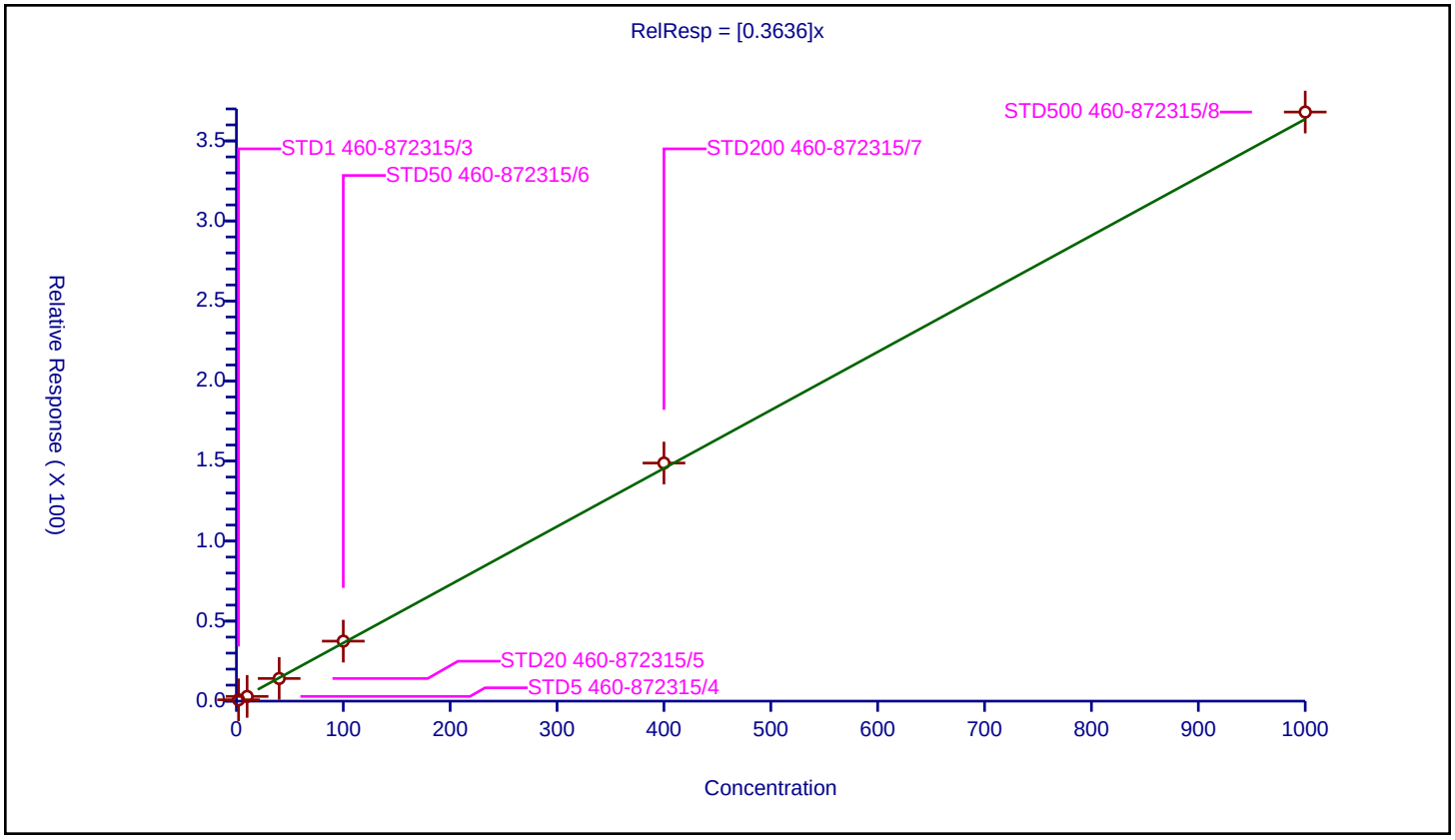
Curve Coefficients

Intercept:	0
Slope:	0.3636

Error Coefficients

Standard Error:	162000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	2.0	0.834639	250.0	135987.0	0.417319	Y
2	STD5 460-872315/4	10.0	2.955602	250.0	140073.0	0.29556	Y
3	STD20 460-872315/5	40.0	14.157415	250.0	151599.0	0.353935	Y
4	STD50 460-872315/6	100.0	37.484557	250.0	168356.0	0.374846	Y
5	STD200 460-872315/7	400.0	148.741975	250.0	201705.0	0.371855	Y
6	STD500 460-872315/8	1000.0	368.044392	250.0	232025.0	0.368044	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

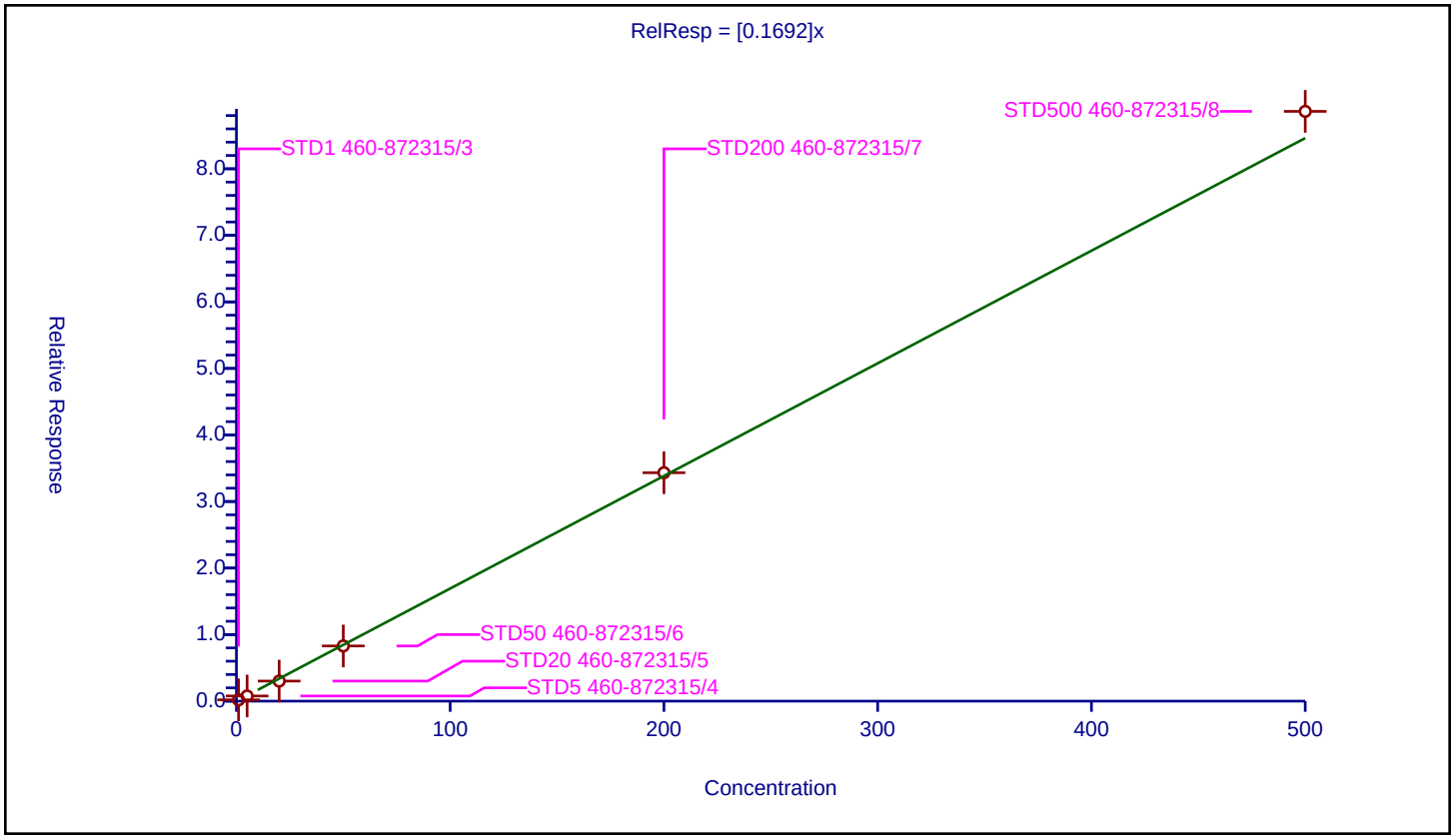
Curve Coefficients

Intercept:	0
Slope:	0.1692

Error Coefficients

Standard Error:	587000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.194587	50.0	454553.0	0.194587	Y
2	STD5 460-872315/4	5.0	0.776106	50.0	459538.0	0.155221	Y
3	STD20 460-872315/5	20.0	3.015869	50.0	507963.0	0.150793	Y
4	STD50 460-872315/6	50.0	8.291656	50.0	545259.0	0.165833	Y
5	STD200 460-872315/7	200.0	34.328174	50.0	628593.0	0.171641	Y
6	STD500 460-872315/8	500.0	88.629422	50.0	697027.0	0.177259	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

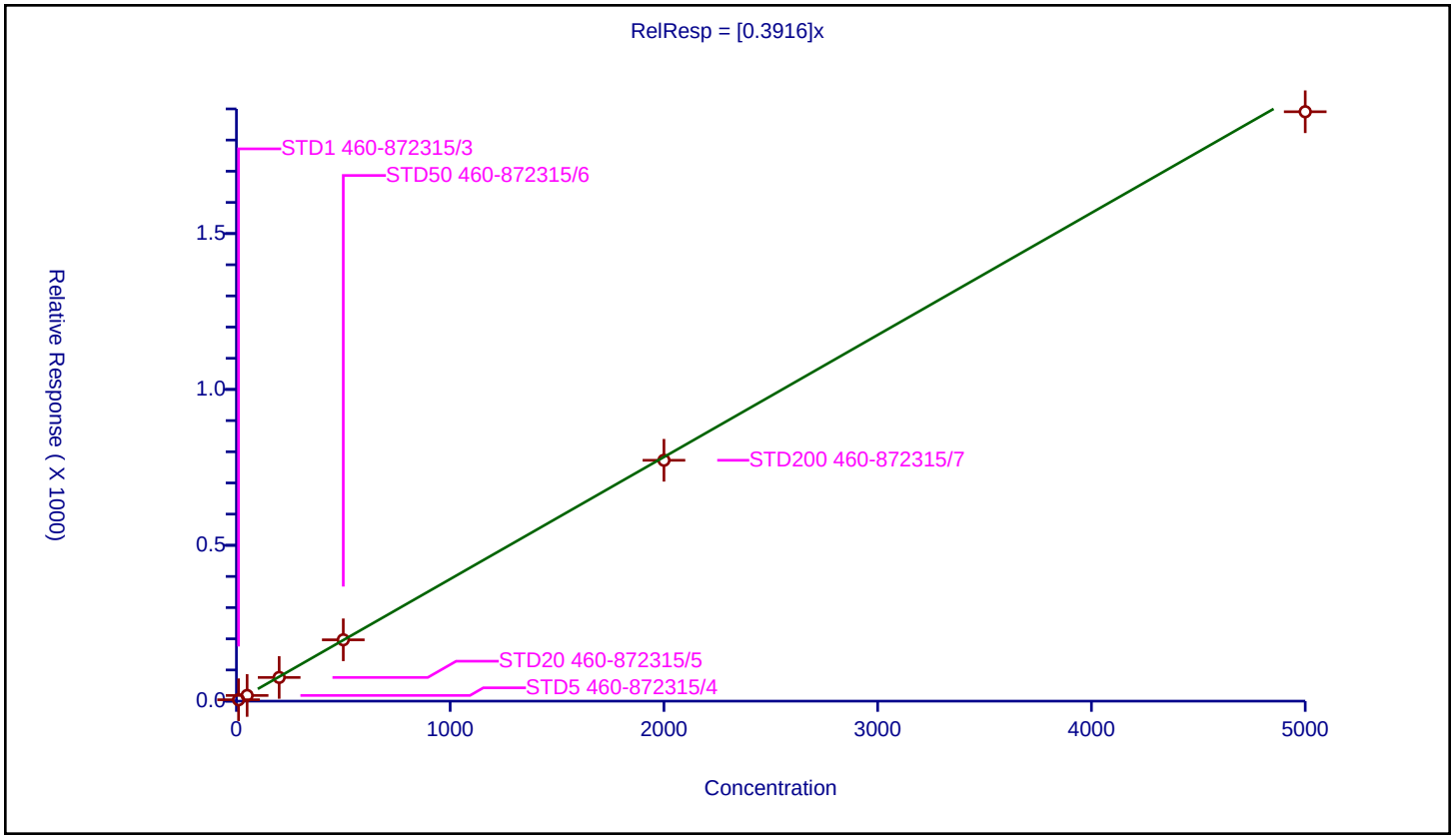
Curve Coefficients

Intercept:	0
Slope:	0.3916

Error Coefficients

Standard Error:	834000
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	STD1 460-872315/3	10.0	4.461824	250.0	135987.0	0.446182	Y
2	STD5 460-872315/4	50.0	18.269045	250.0	140073.0	0.365381	Y
3	STD20 460-872315/5	200.0	75.970158	250.0	151599.0	0.379851	Y
4	STD50 460-872315/6	500.0	196.74529	250.0	168356.0	0.393491	Y
5	STD200 460-872315/7	2000.0	772.762202	250.0	201705.0	0.386381	Y
6	STD500 460-872315/8	5000.0	1890.864131	250.0	232025.0	0.378173	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

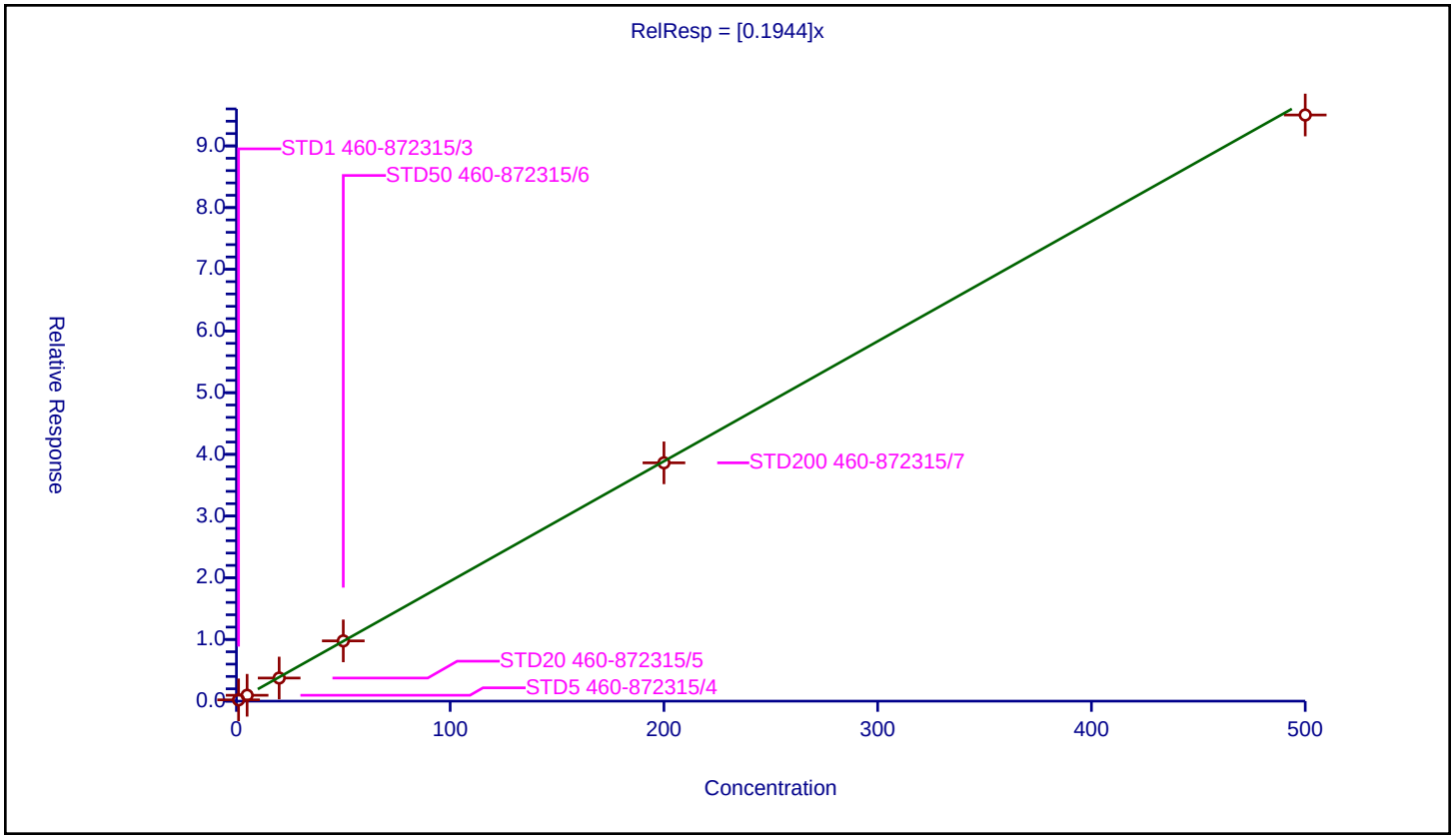
Curve Coefficients

Intercept:	0
Slope:	0.1944

Error Coefficients

Standard Error:	633000
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	STD1 460-872315/3	1.0	0.210427	50.0	454553.0	0.210427	Y
2	STD5 460-872315/4	5.0	0.951608	50.0	459538.0	0.190322	Y
3	STD20 460-872315/5	20.0	3.747123	50.0	507963.0	0.187356	Y
4	STD50 460-872315/6	50.0	9.765543	50.0	545259.0	0.195311	Y
5	STD200 460-872315/7	200.0	38.630402	50.0	628593.0	0.193152	Y
6	STD500 460-872315/8	500.0	95.009949	50.0	697027.0	0.19002	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

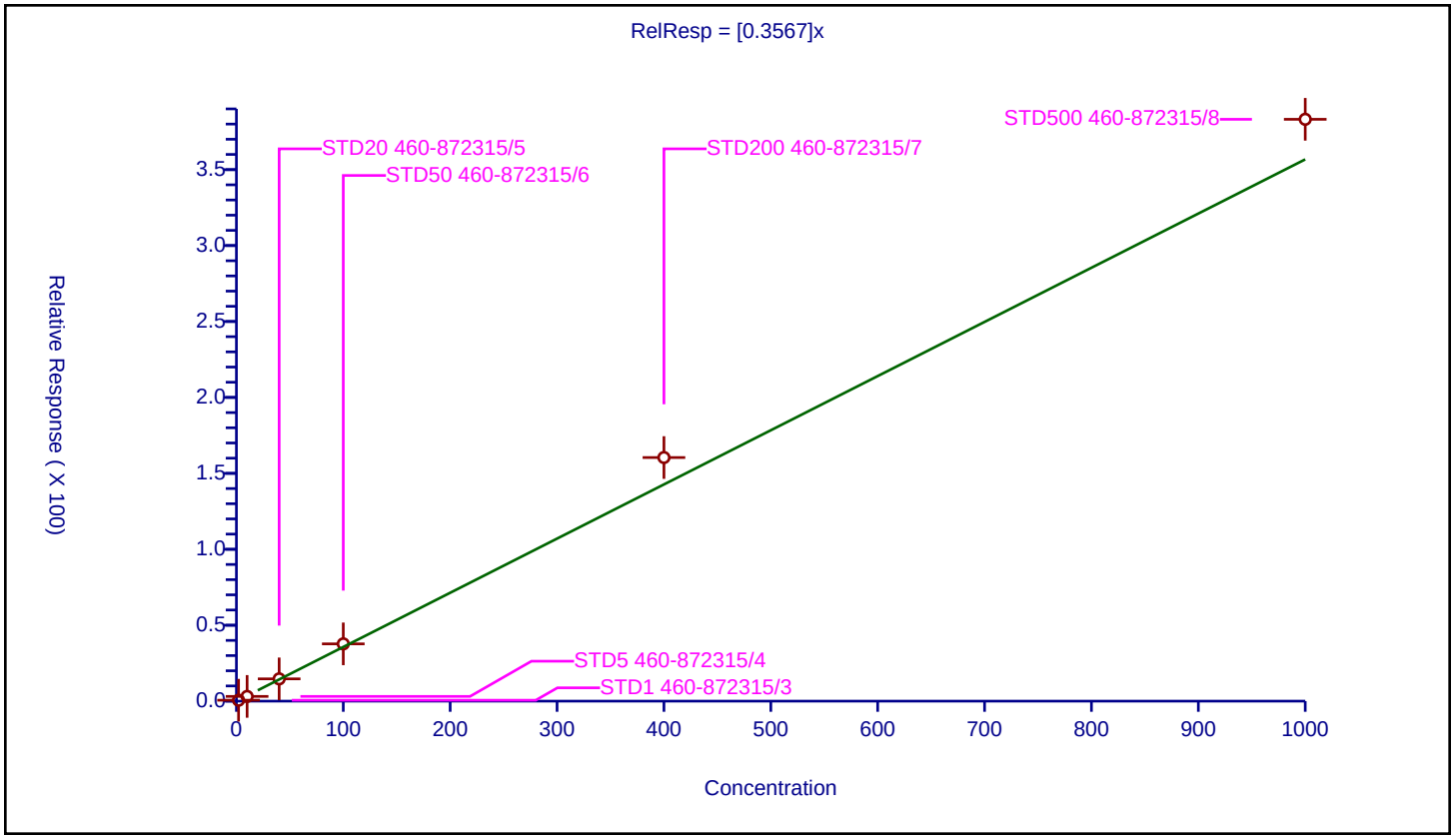
Curve Coefficients

Intercept:	0
Slope:	0.3567

Error Coefficients

Standard Error:	169000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	2.0	0.60116	250.0	135987.0	0.30058	Y
2	STD5 460-872315/4	10.0	3.118017	250.0	140073.0	0.311802	Y
3	STD20 460-872315/5	40.0	14.670281	250.0	151599.0	0.366757	Y
4	STD50 460-872315/6	100.0	37.711754	250.0	168356.0	0.377118	Y
5	STD200 460-872315/7	400.0	160.414962	250.0	201705.0	0.401037	Y
6	STD500 460-872315/8	1000.0	383.139748	250.0	232025.0	0.38314	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

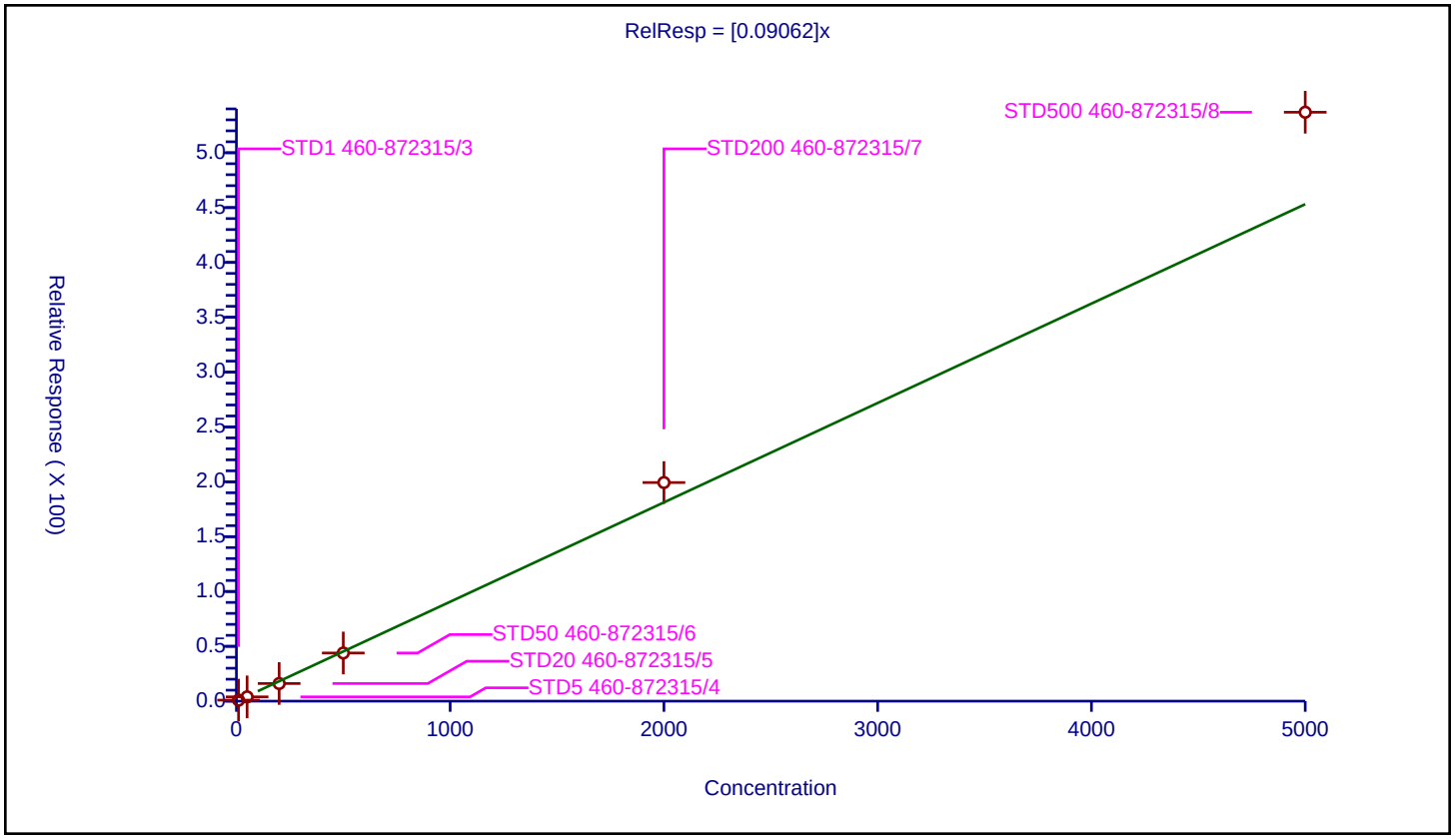
Curve Coefficients

Intercept:	0
Slope:	0.09062

Error Coefficients

Standard Error:	3540000
Relative Standard Error:	12.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	10.0	0.908585	50.0	454553.0	0.090858	Y
2	STD5 460-872315/4	50.0	3.885533	50.0	459538.0	0.077711	Y
3	STD20 460-872315/5	200.0	16.064162	50.0	507963.0	0.080321	Y
4	STD50 460-872315/6	500.0	43.881898	50.0	545259.0	0.087764	Y
5	STD200 460-872315/7	2000.0	199.306626	50.0	628593.0	0.099653	Y
6	STD500 460-872315/8	5000.0	536.947134	50.0	697027.0	0.107389	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

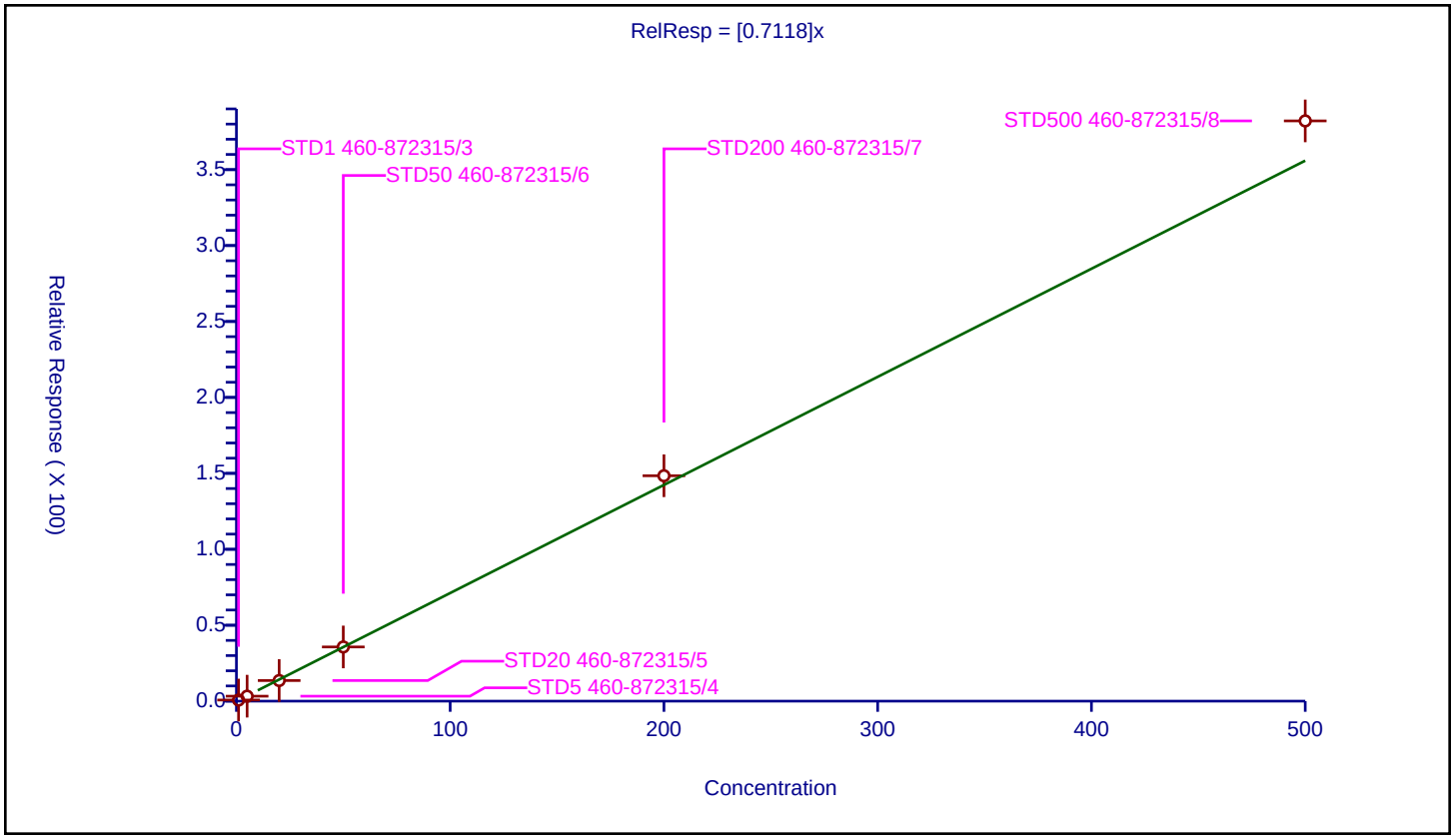
Curve Coefficients

Intercept:	0
Slope:	0.7118

Error Coefficients

Standard Error:	2530000
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	STD1 460-872315/3	1.0	0.720048	50.0	454553.0	0.720048	Y
2	STD5 460-872315/4	5.0	3.262189	50.0	459538.0	0.652438	Y
3	STD20 460-872315/5	20.0	13.571166	50.0	507963.0	0.678558	Y
4	STD50 460-872315/6	50.0	35.680658	50.0	545259.0	0.713613	Y
5	STD200 460-872315/7	200.0	148.414634	50.0	628593.0	0.742073	Y
6	STD500 460-872315/8	500.0	382.082832	50.0	697027.0	0.764166	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

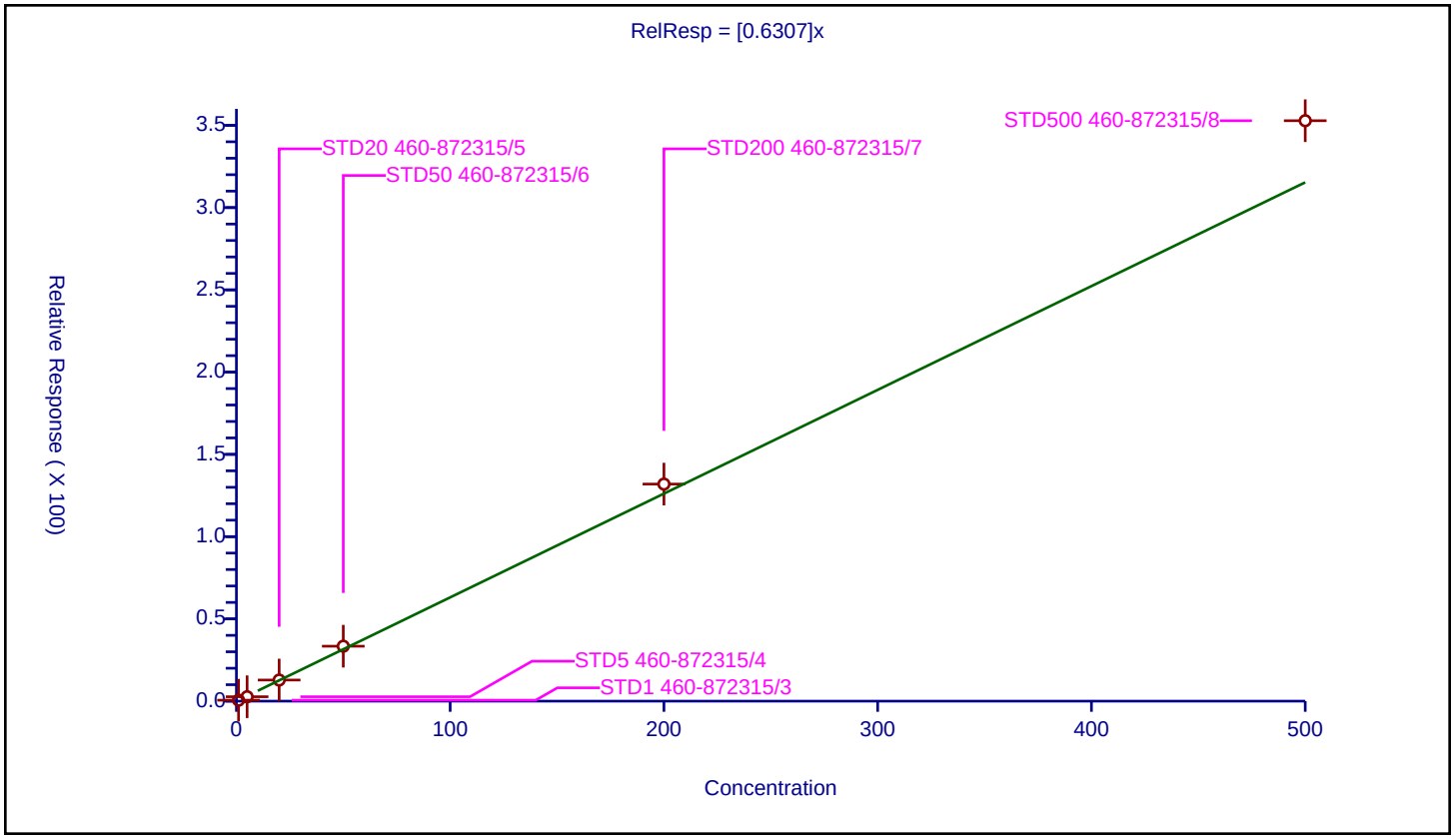
Curve Coefficients

Intercept:	0
Slope:	0.6307

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	10.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.57408	50.0	454553.0	0.57408	Y
2	STD5 460-872315/4	5.0	2.677254	50.0	459538.0	0.535451	Y
3	STD20 460-872315/5	20.0	12.829675	50.0	507963.0	0.641484	Y
4	STD50 460-872315/6	50.0	33.387895	50.0	545259.0	0.667758	Y
5	STD200 460-872315/7	200.0	131.932984	50.0	628593.0	0.659665	Y
6	STD500 460-872315/8	500.0	352.812158	50.0	697027.0	0.705624	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

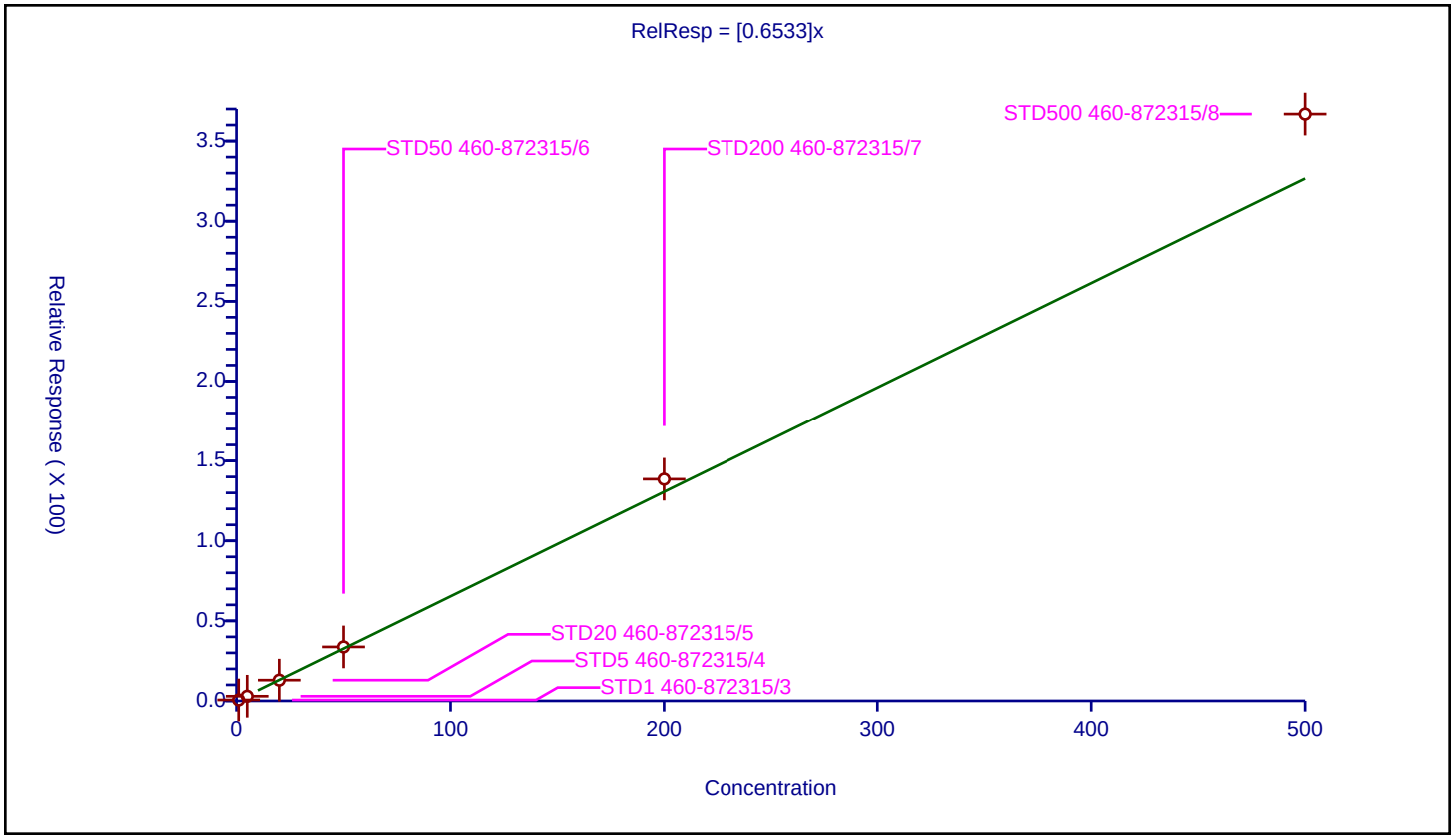
Curve Coefficients

Intercept:	0
Slope:	0.6533

Error Coefficients

Standard Error:	2420000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.58574	50.0	454553.0	0.58574	Y
2	STD5 460-872315/4	5.0	2.923806	50.0	459538.0	0.584761	Y
3	STD20 460-872315/5	20.0	12.964232	50.0	507963.0	0.648212	Y
4	STD50 460-872315/6	50.0	33.72434	50.0	545259.0	0.674487	Y
5	STD200 460-872315/7	200.0	138.57671	50.0	628593.0	0.692884	Y
6	STD500 460-872315/8	500.0	366.834355	50.0	697027.0	0.733669	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

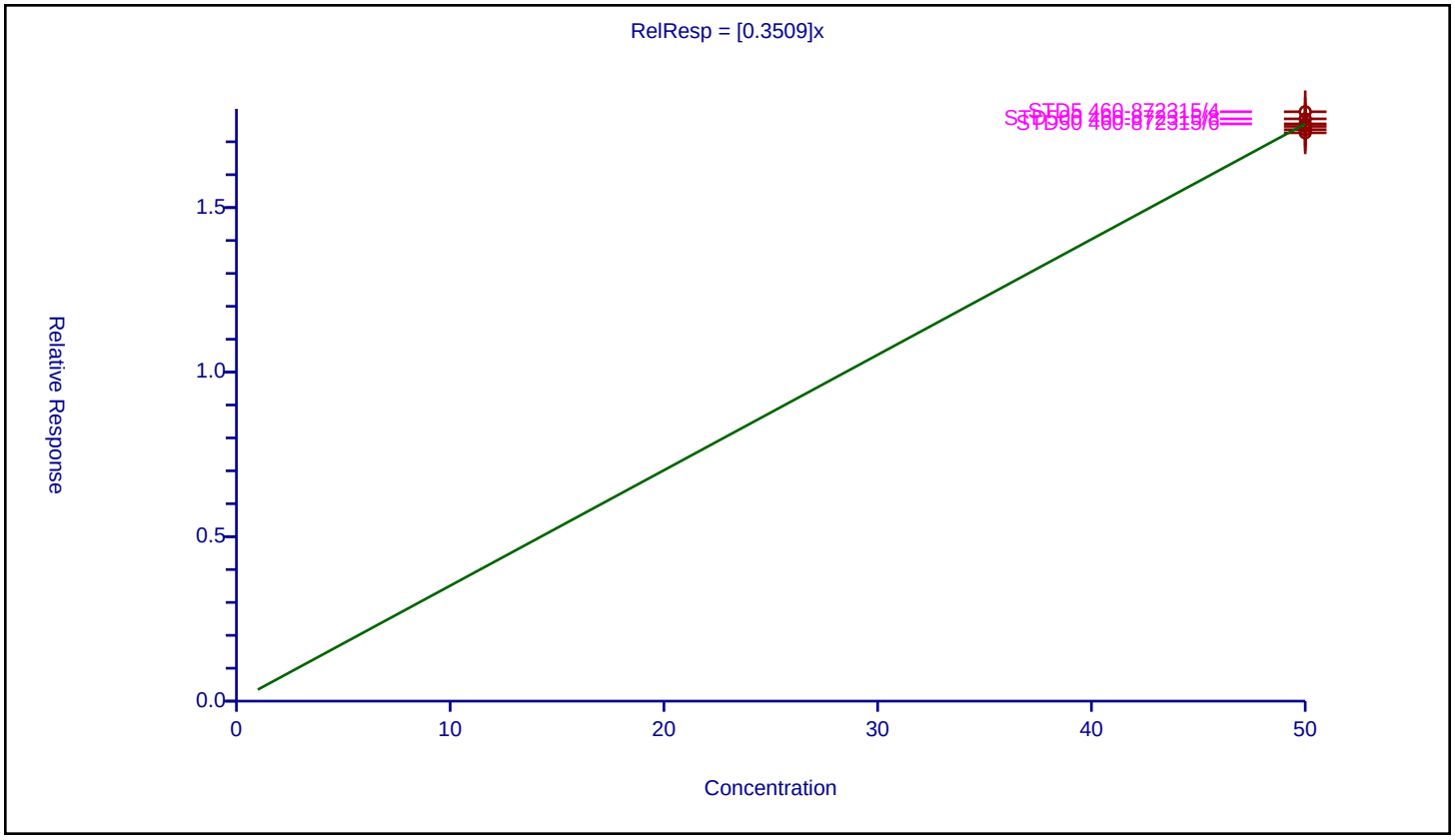
Curve Coefficients

Intercept:	0
Slope:	0.3509

Error Coefficients

Standard Error:	214000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	50.0	17.273123	50.0	454553.0	0.345462	Y
2	STD5 460-872315/4	50.0	17.9131	50.0	459538.0	0.358262	Y
3	STD20 460-872315/5	50.0	17.371049	50.0	507963.0	0.347421	Y
4	STD50 460-872315/6	50.0	17.54469	50.0	545259.0	0.350894	Y
5	STD200 460-872315/7	50.0	17.468696	50.0	628593.0	0.349374	Y
6	STD500 460-872315/8	50.0	17.697234	50.0	697027.0	0.353945	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

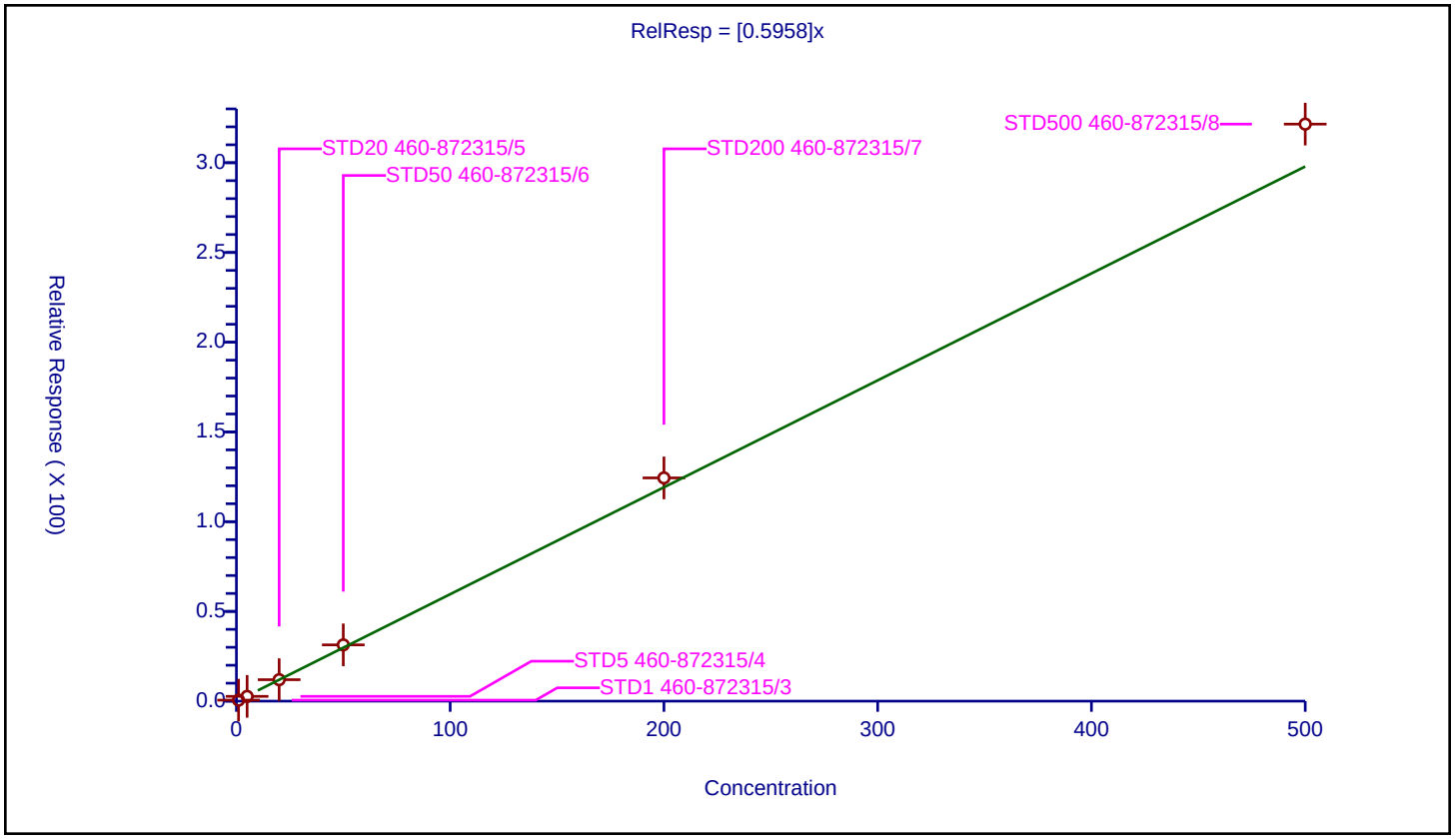
Curve Coefficients

Intercept:	0
Slope:	0.5958

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.552301	50.0	454553.0	0.552301	Y
2	STD5 460-872315/4	5.0	2.662239	50.0	459538.0	0.532448	Y
3	STD20 460-872315/5	20.0	11.959926	50.0	507963.0	0.597996	Y
4	STD50 460-872315/6	50.0	31.351248	50.0	545259.0	0.627025	Y
5	STD200 460-872315/7	200.0	124.38072	50.0	628593.0	0.621904	Y
6	STD500 460-872315/8	500.0	321.515307	50.0	697027.0	0.643031	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

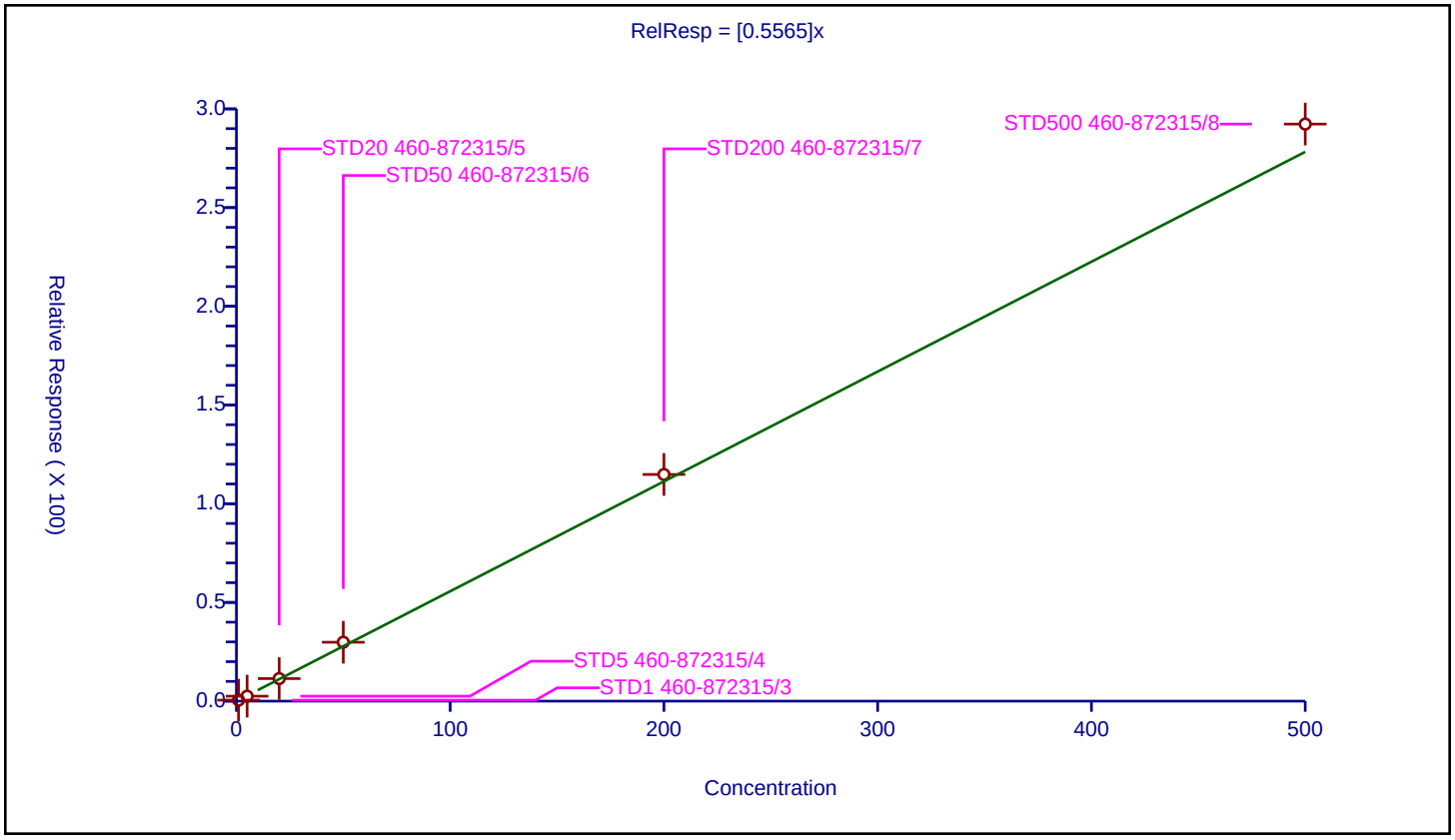
Curve Coefficients

Intercept:	0
Slope:	0.5565

Error Coefficients

Standard Error:	1940000
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	STD1 460-872315/3	1.0	0.509842	50.0	454553.0	0.509842	Y
2	STD5 460-872315/4	5.0	2.512632	50.0	459538.0	0.502526	Y
3	STD20 460-872315/5	20.0	11.417269	50.0	507963.0	0.570863	Y
4	STD50 460-872315/6	50.0	29.837288	50.0	545259.0	0.596746	Y
5	STD200 460-872315/7	200.0	114.824139	50.0	628593.0	0.574121	Y
6	STD500 460-872315/8	500.0	292.307472	50.0	697027.0	0.584615	Y



Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

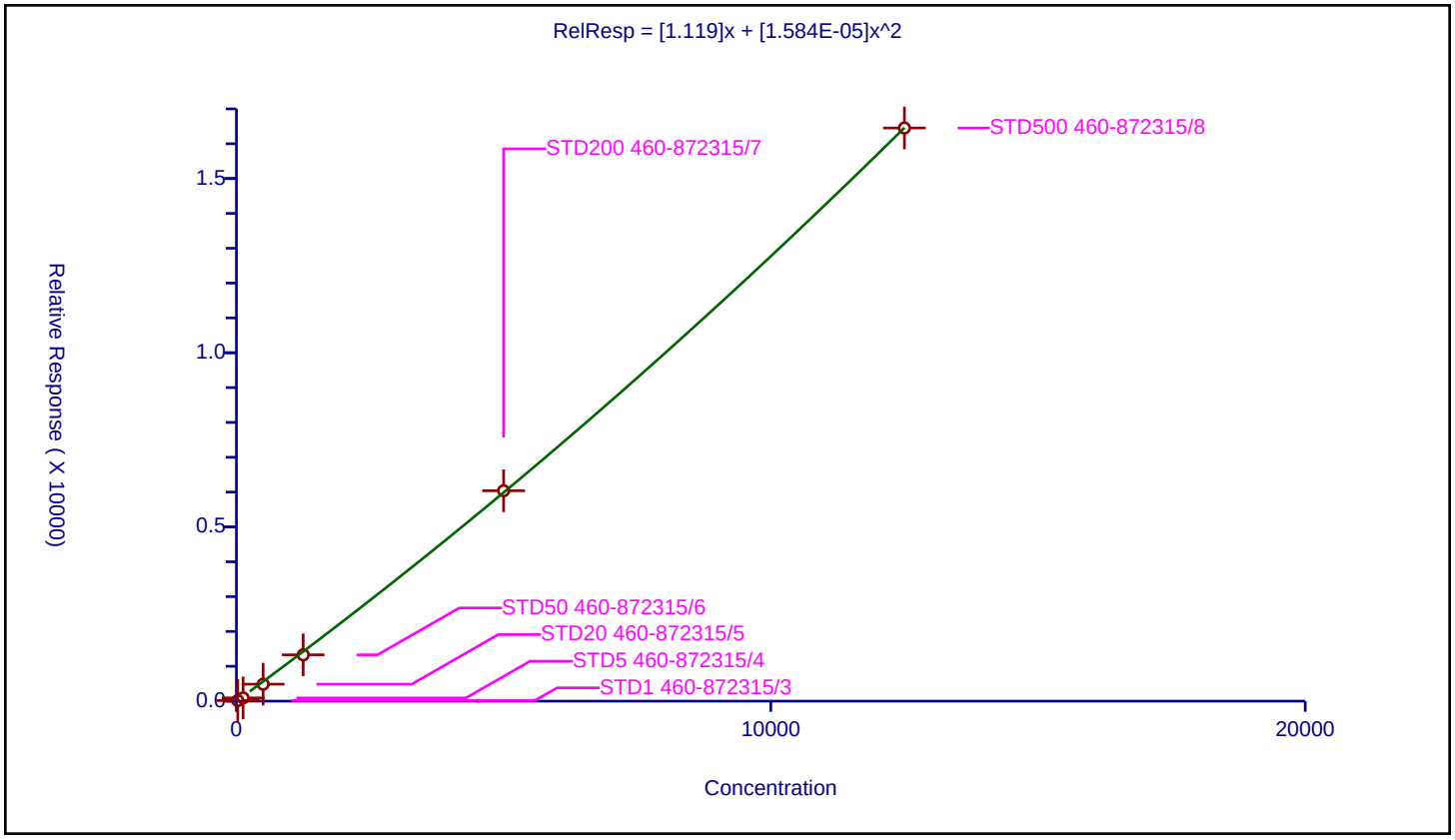
Curve Coefficients

Intercept:	0
Slope:	1.119
Second Order:	1.584E-05

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	27.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	25.0	17.048907	1000.0	146461.0	0.681956	Y
2	STD5 460-872315/4	125.0	92.322064	1000.0	147722.0	0.738577	Y
3	STD20 460-872315/5	500.0	486.790063	1000.0	154732.0	0.97358	Y
4	STD50 460-872315/6	1250.0	1328.818915	1000.0	165839.0	1.063055	Y
5	STD200 460-872315/7	5000.0	6038.86092	1000.0	200021.0	1.207772	Y
6	STD500 460-872315/8	12500.0	16450.756494	1000.0	217186.0	1.316061	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

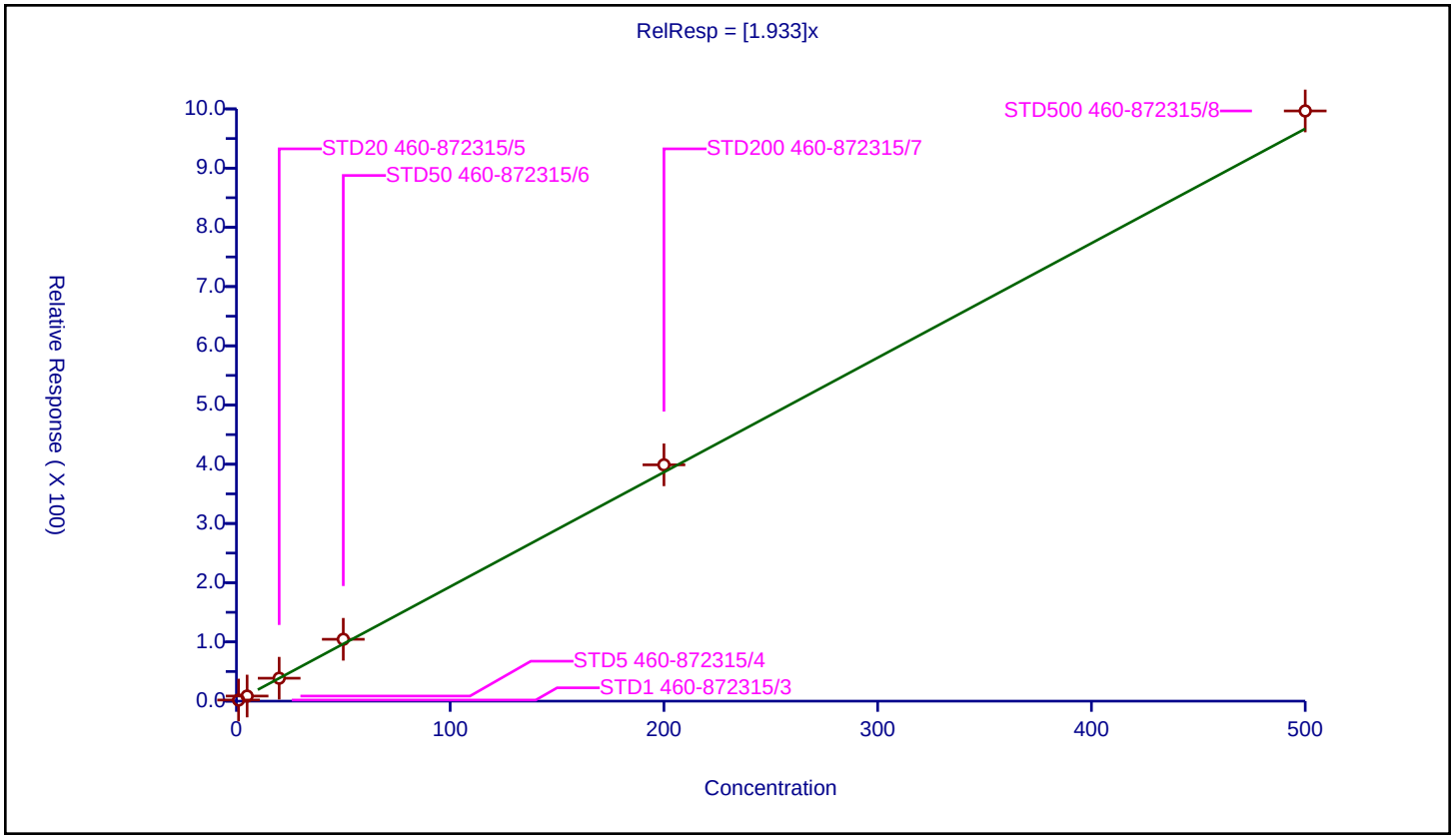
Curve Coefficients

Intercept:	0
Slope:	1.933

Error Coefficients

Standard Error:	5830000
Relative Standard Error:	6.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.865394	50.0	365392.0	1.865394	Y
2	STD5 460-872315/4	5.0	8.598742	50.0	366385.0	1.719748	Y
3	STD20 460-872315/5	20.0	38.71538	50.0	386947.0	1.935769	Y
4	STD50 460-872315/6	50.0	104.428408	50.0	409899.0	2.088568	Y
5	STD200 460-872315/7	200.0	399.013147	50.0	520442.0	1.995066	Y
6	STD500 460-872315/8	500.0	996.555268	50.0	618292.0	1.993111	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

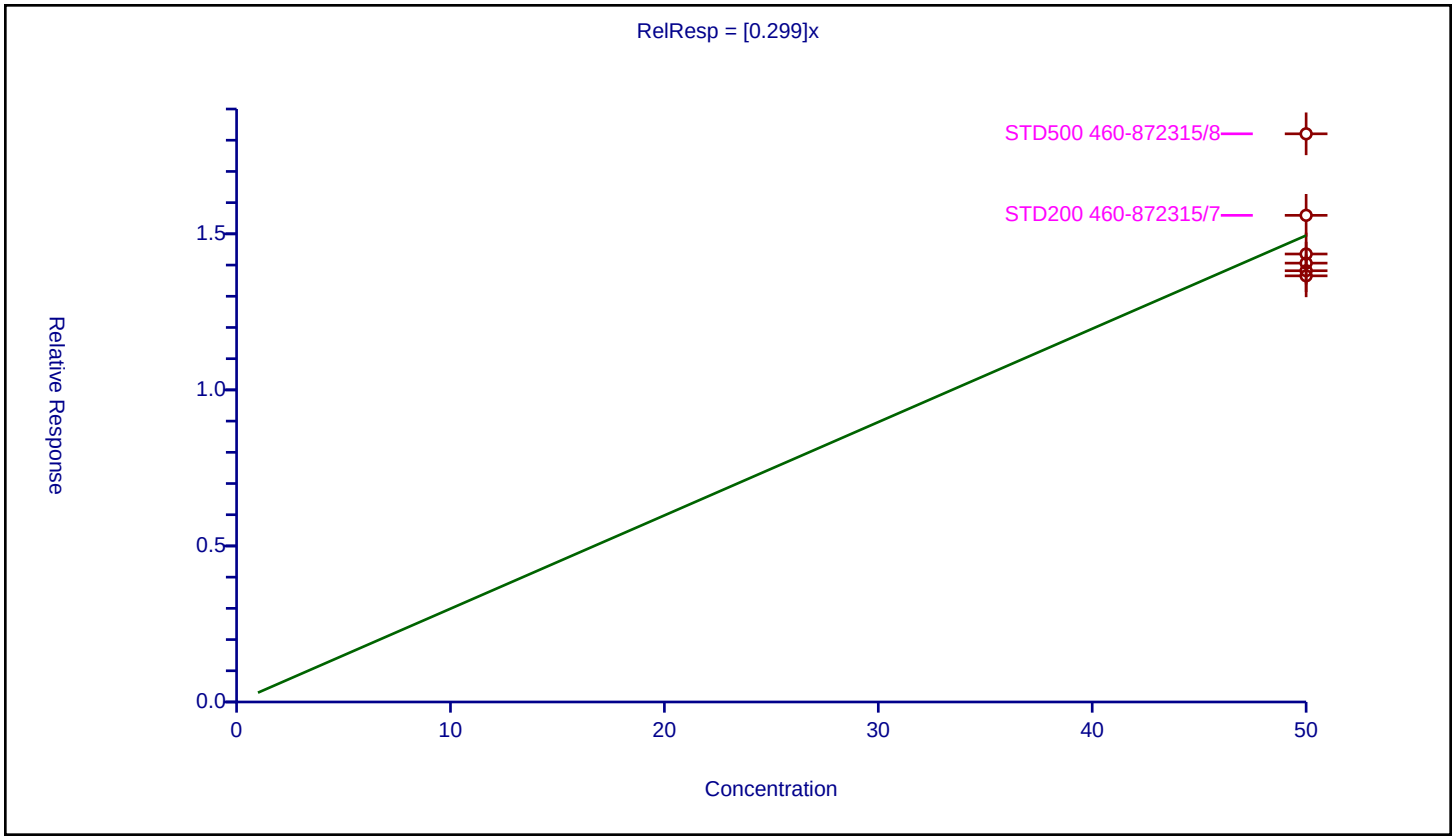
Curve Coefficients

Intercept:	0
Slope:	0.299

Error Coefficients

Standard Error:	189000
Relative Standard Error:	11.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	50.0	13.654183	50.0	454553.0	0.273084	Y
2	STD5 460-872315/4	50.0	14.06184	50.0	459538.0	0.281237	Y
3	STD20 460-872315/5	50.0	13.818526	50.0	507963.0	0.276371	Y
4	STD50 460-872315/6	50.0	14.354096	50.0	545259.0	0.287082	Y
5	STD200 460-872315/7	50.0	15.593715	50.0	628593.0	0.311874	Y
6	STD500 460-872315/8	50.0	18.204962	50.0	697027.0	0.364099	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

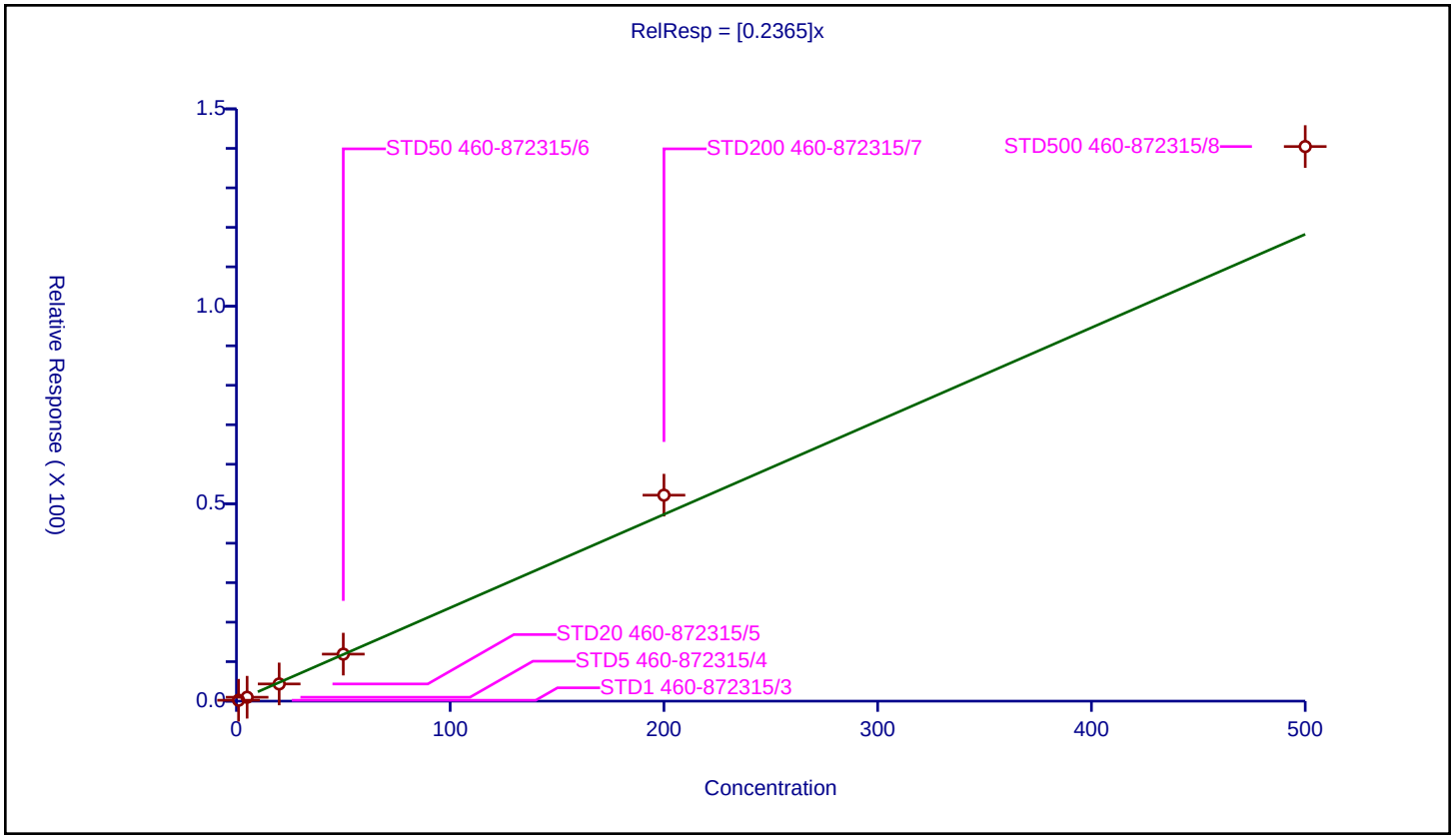
Curve Coefficients

Intercept:	0
Slope:	0.2365

Error Coefficients

Standard Error:	925000
Relative Standard Error:	12.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.223296	50.0	454553.0	0.223296	Y
2	STD5 460-872315/4	5.0	0.988493	50.0	459538.0	0.197699	Y
3	STD20 460-872315/5	20.0	4.357601	50.0	507963.0	0.21788	Y
4	STD50 460-872315/6	50.0	11.912137	50.0	545259.0	0.238243	Y
5	STD200 460-872315/7	200.0	52.168812	50.0	628593.0	0.260844	Y
6	STD500 460-872315/8	500.0	140.460986	50.0	697027.0	0.280922	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

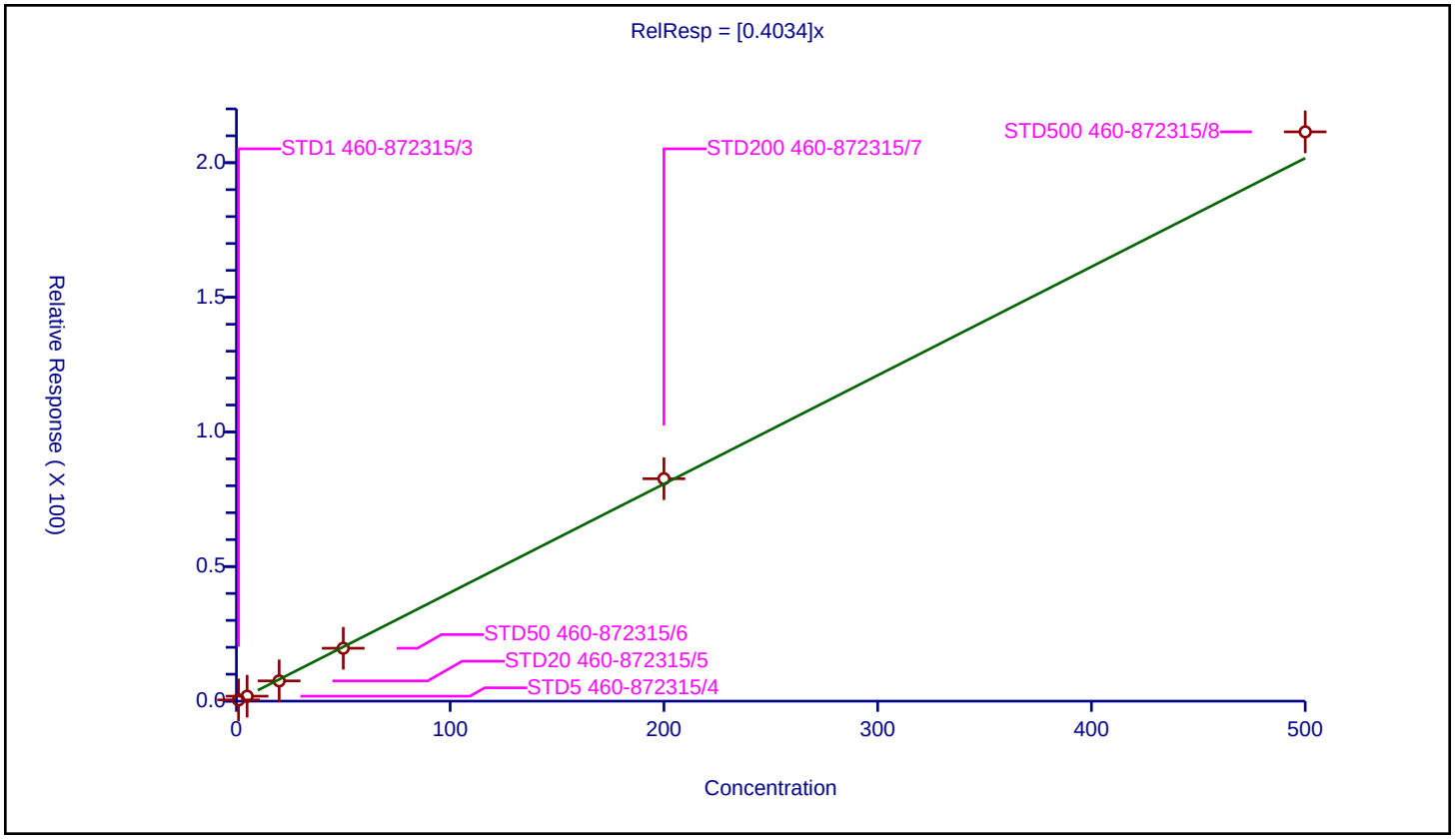
Curve Coefficients

Intercept:	0
Slope:	0.4034

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.446593	50.0	454553.0	0.446593	Y
2	STD5 460-872315/4	5.0	1.84185	50.0	459538.0	0.36837	Y
3	STD20 460-872315/5	20.0	7.524761	50.0	507963.0	0.376238	Y
4	STD50 460-872315/6	50.0	19.655155	50.0	545259.0	0.393103	Y
5	STD200 460-872315/7	200.0	82.628346	50.0	628593.0	0.413142	Y
6	STD500 460-872315/8	500.0	211.475452	50.0	697027.0	0.422951	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

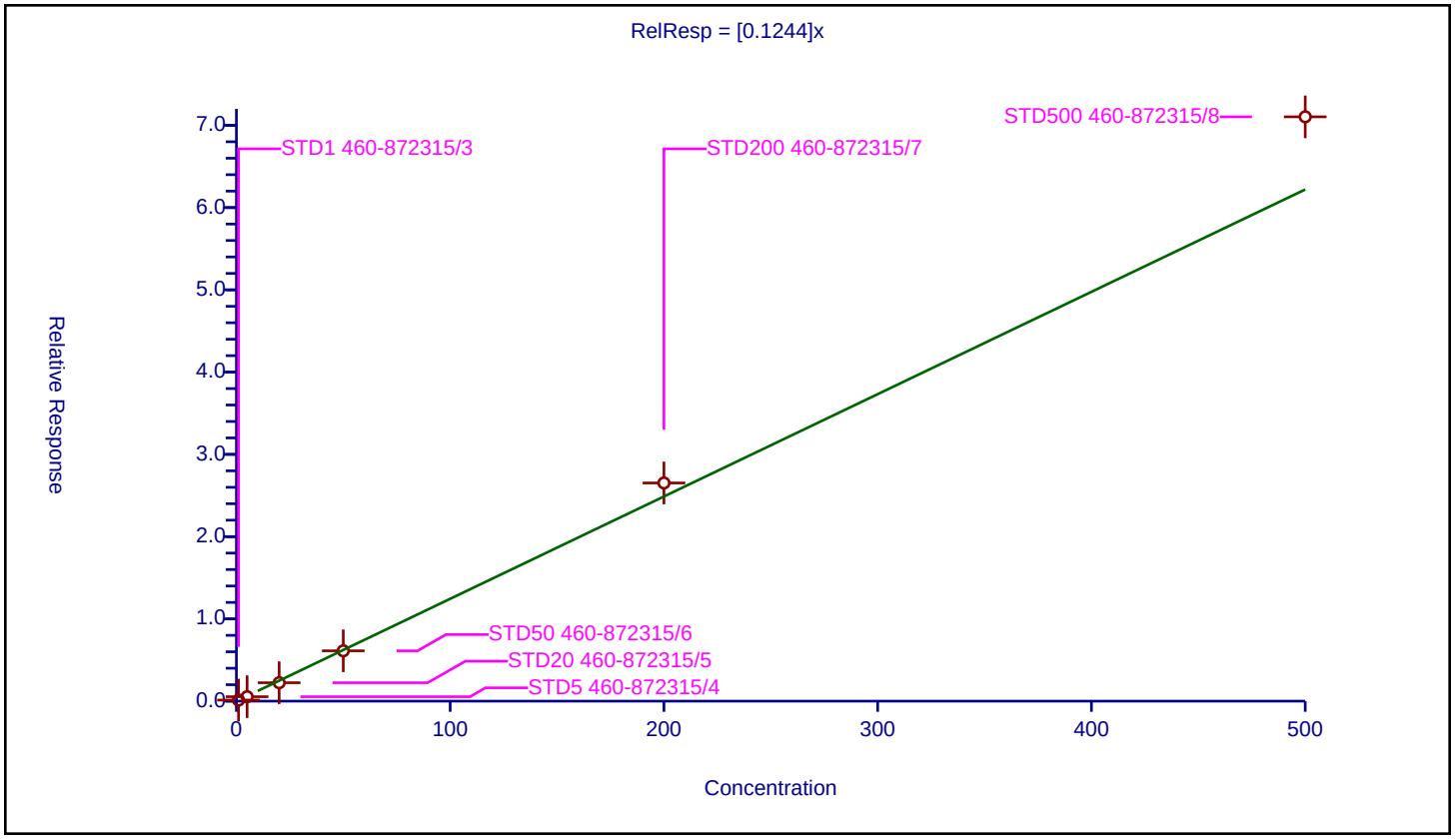
Curve Coefficients

Intercept:	0
Slope:	0.1244

Error Coefficients

Standard Error:	468000
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	STD1 460-872315/3	1.0	0.129248	50.0	454553.0	0.129248	Y
2	STD5 460-872315/4	5.0	0.540543	50.0	459538.0	0.108109	Y
3	STD20 460-872315/5	20.0	2.239828	50.0	507963.0	0.111991	Y
4	STD50 460-872315/6	50.0	6.118377	50.0	545259.0	0.122368	Y
5	STD200 460-872315/7	200.0	26.523919	50.0	628593.0	0.13262	Y
6	STD500 460-872315/8	500.0	71.034694	50.0	697027.0	0.142069	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

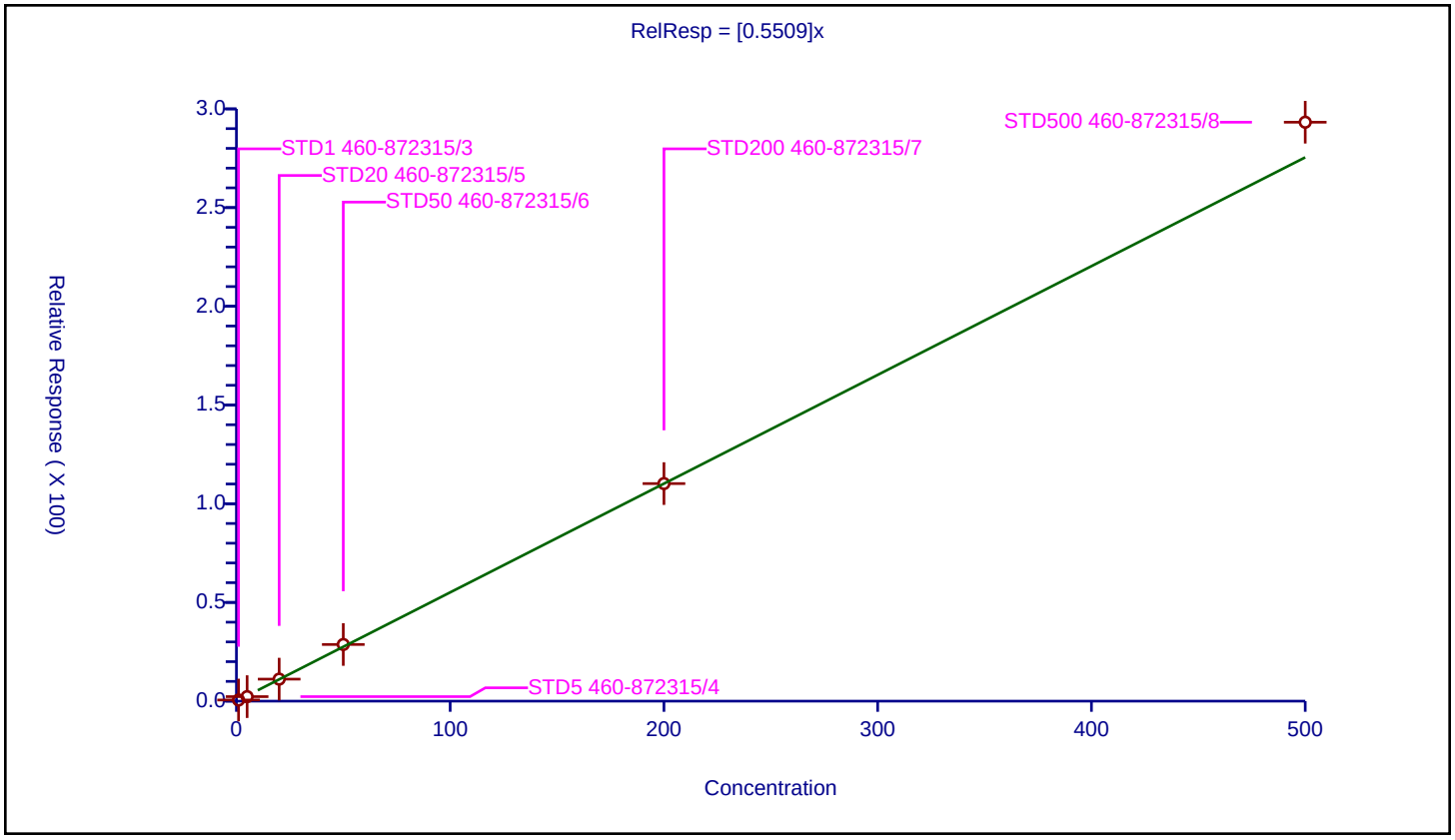
Curve Coefficients

Intercept:	0
Slope:	0.5509

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	8.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.57804	50.0	454553.0	0.57804	Y
2	STD5 460-872315/4	5.0	2.292193	50.0	459538.0	0.458439	Y
3	STD20 460-872315/5	20.0	11.145005	50.0	507963.0	0.55725	Y
4	STD50 460-872315/6	50.0	28.701039	50.0	545259.0	0.574021	Y
5	STD200 460-872315/7	200.0	110.206604	50.0	628593.0	0.551033	Y
6	STD500 460-872315/8	500.0	293.254494	50.0	697027.0	0.586509	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

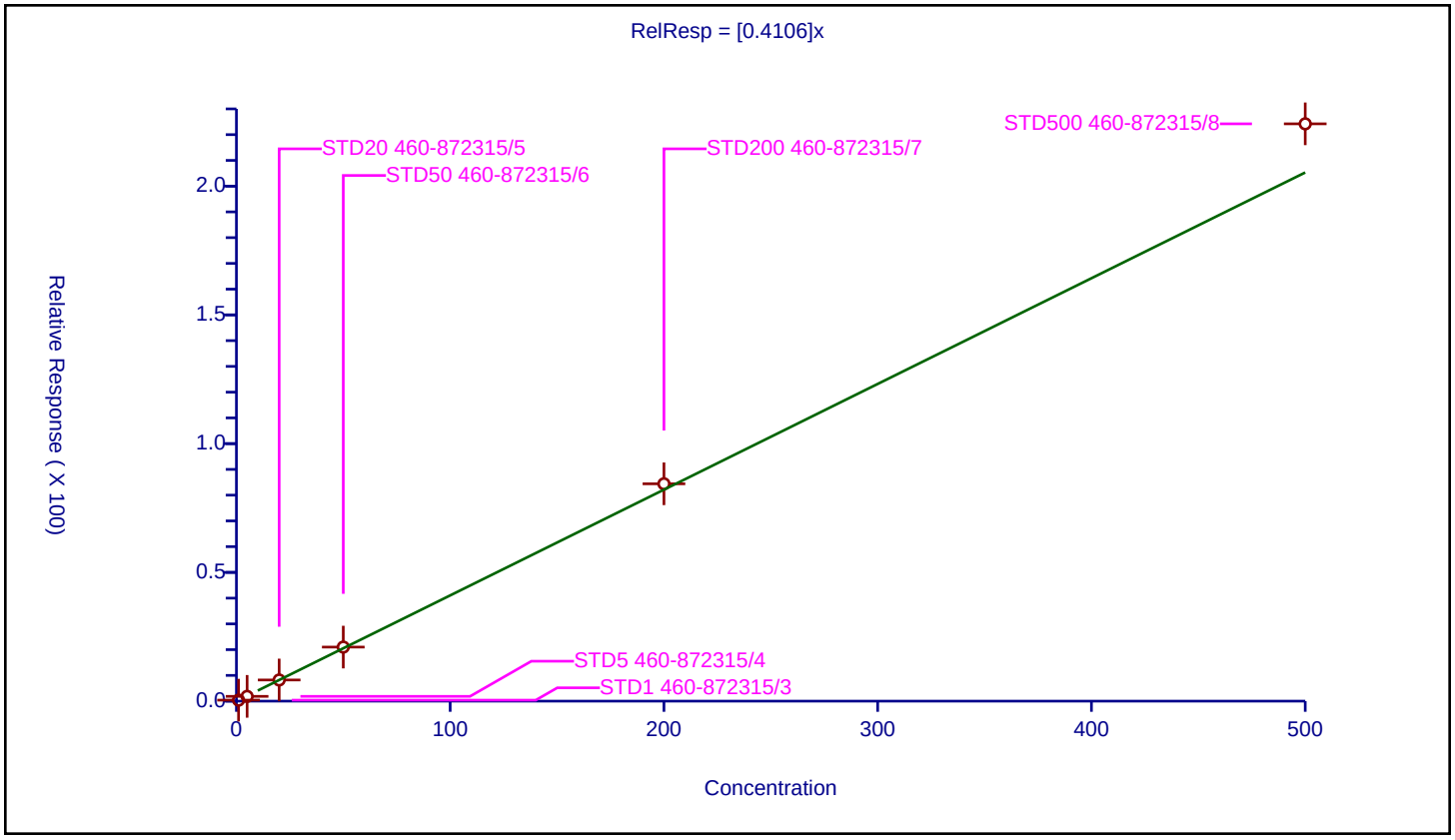
Curve Coefficients

Intercept:	0
Slope:	0.4106

Error Coefficients

Standard Error:	1480000
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	STD1 460-872315/3	1.0	0.391264	50.0	454553.0	0.391264	Y
2	STD5 460-872315/4	5.0	1.855015	50.0	459538.0	0.371003	Y
3	STD20 460-872315/5	20.0	8.219792	50.0	507963.0	0.41099	Y
4	STD50 460-872315/6	50.0	20.995252	50.0	545259.0	0.419905	Y
5	STD200 460-872315/7	200.0	84.408671	50.0	628593.0	0.422043	Y
6	STD500 460-872315/8	500.0	224.194472	50.0	697027.0	0.448389	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

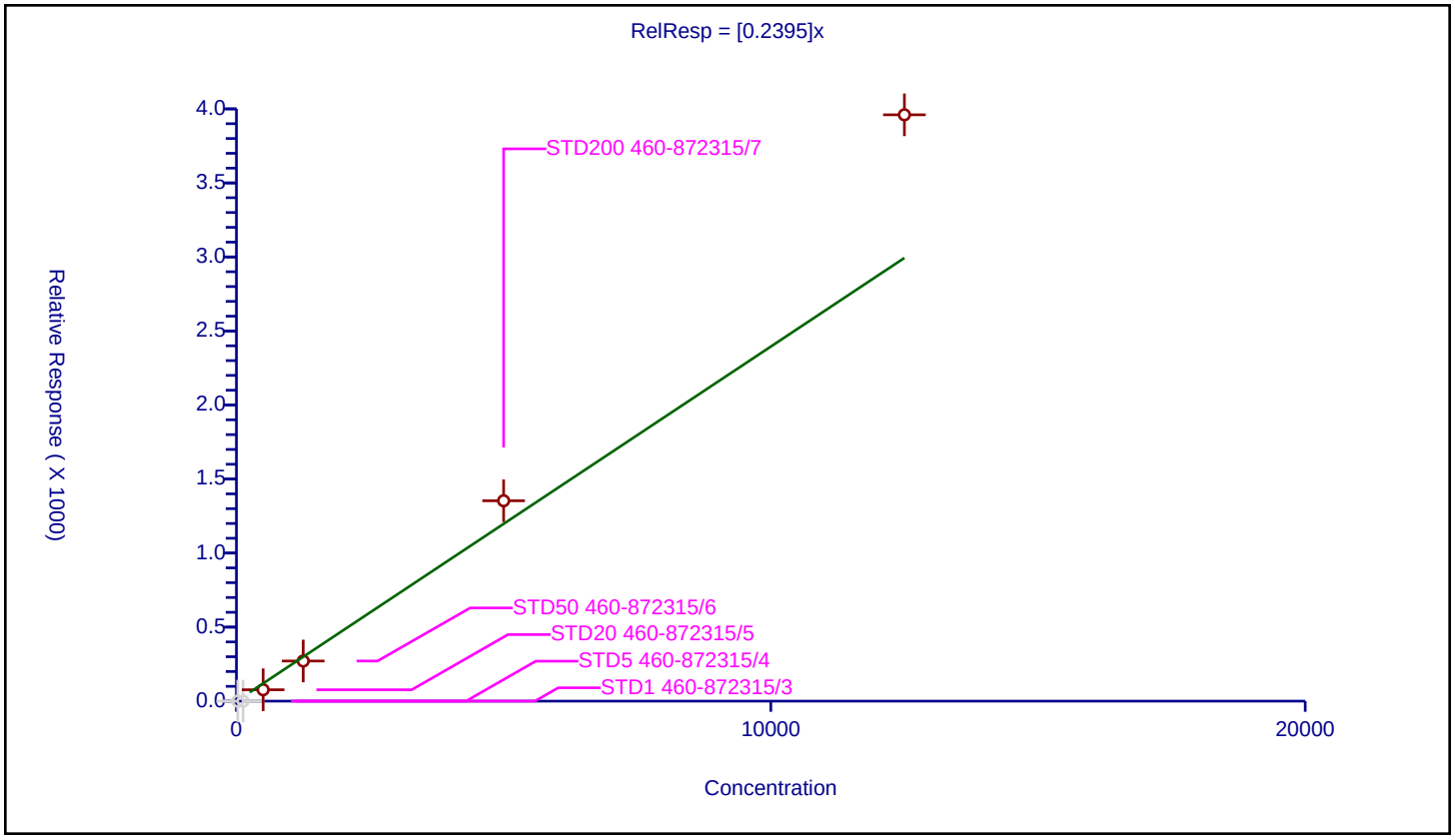
Curve Coefficients

Intercept:	0
Slope:	0.2395

Error Coefficients

Standard Error:	519000
Relative Standard Error:	29.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.916

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	25.0	0.0	1000.0	146461.0	0.0	N
2	STD5 460-872315/4	125.0	0.0	1000.0	147722.0	0.0	N
3	STD20 460-872315/5	500.0	76.842541	1000.0	154732.0	0.153685	Y
4	STD50 460-872315/6	1250.0	270.919386	1000.0	165839.0	0.216736	Y
5	STD200 460-872315/7	5000.0	1353.282905	1000.0	200021.0	0.270657	Y
6	STD500 460-872315/8	12500.0	3960.103322	1000.0	217186.0	0.316808	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

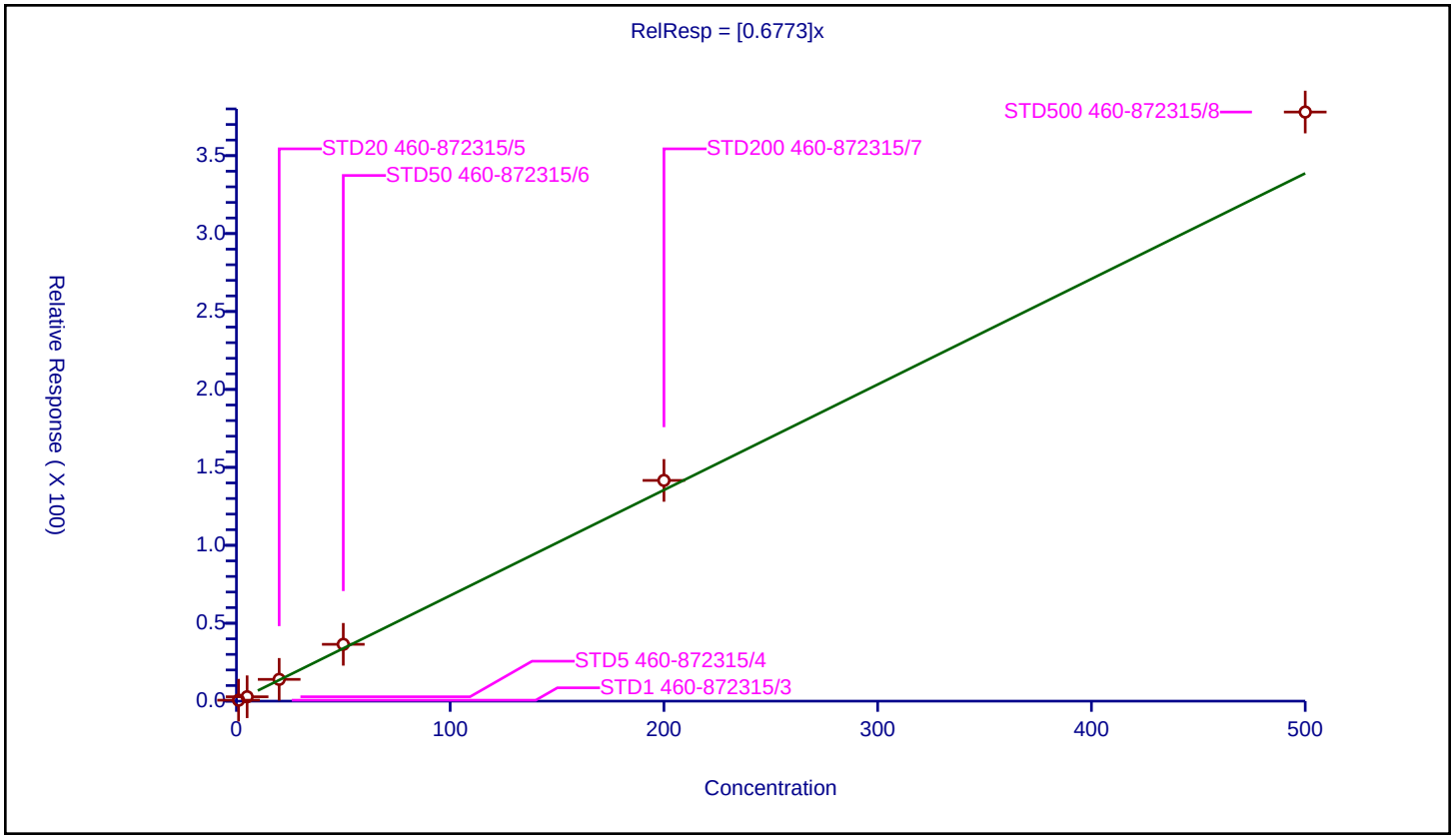
Curve Coefficients

Intercept:	0
Slope:	0.6773

Error Coefficients

Standard Error:	2490000
Relative Standard Error:	11.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.60972	50.0	454553.0	0.60972	Y
2	STD5 460-872315/4	5.0	2.81239	50.0	459538.0	0.562478	Y
3	STD20 460-872315/5	20.0	13.966568	50.0	507963.0	0.698328	Y
4	STD50 460-872315/6	50.0	36.453319	50.0	545259.0	0.729066	Y
5	STD200 460-872315/7	200.0	141.616992	50.0	628593.0	0.708085	Y
6	STD500 460-872315/8	500.0	377.979547	50.0	697027.0	0.755959	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

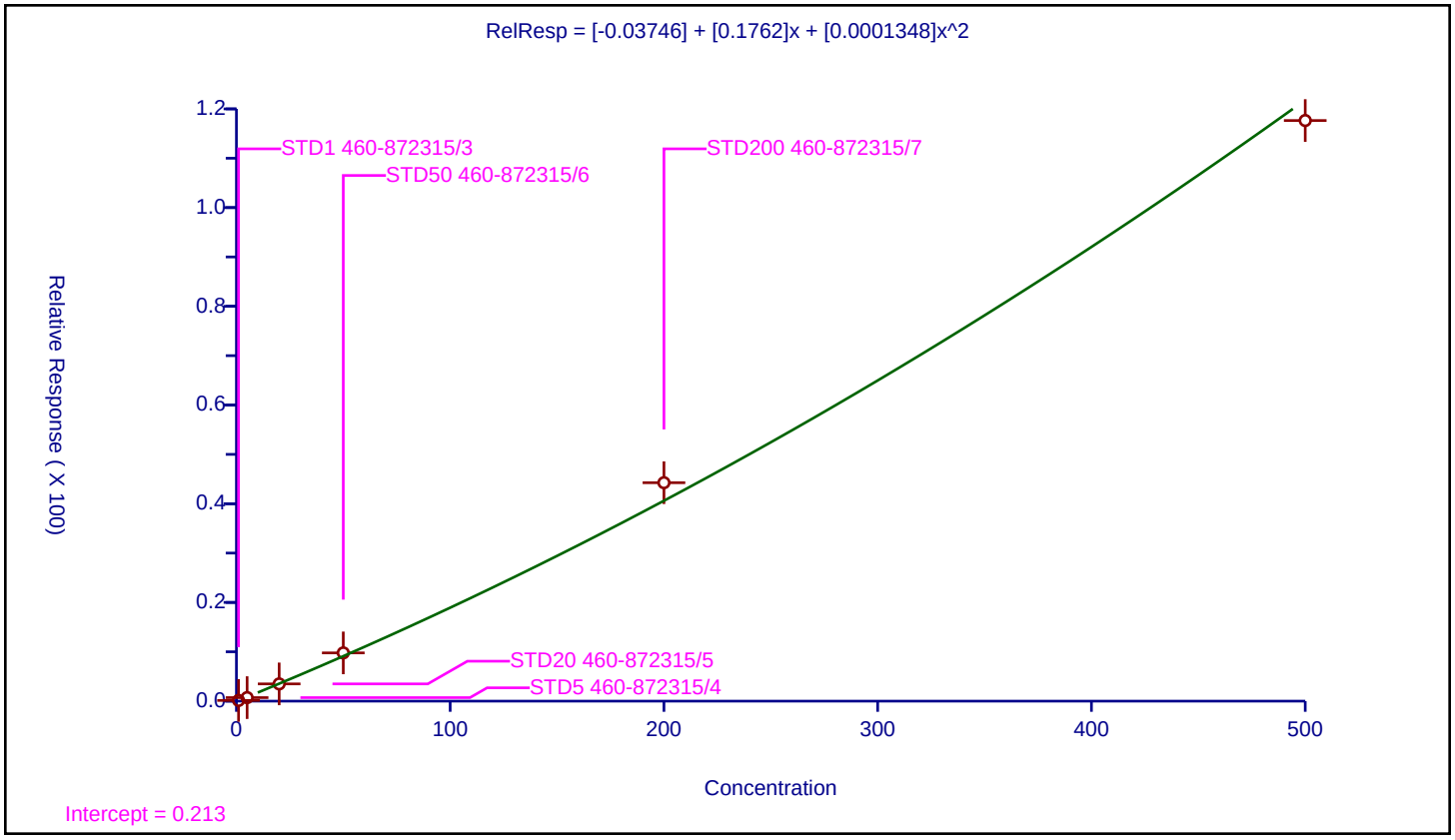
Curve Coefficients

Intercept:	-0.03746
Slope:	0.1762
Second Order:	0.0001348

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.143878	50.0	454553.0	0.143878	Y
2	STD5 460-872315/4	5.0	0.717351	50.0	459538.0	0.14347	Y
3	STD20 460-872315/5	20.0	3.495432	50.0	507963.0	0.174772	Y
4	STD50 460-872315/6	50.0	9.77618	50.0	545259.0	0.195524	Y
5	STD200 460-872315/7	200.0	44.260595	50.0	628593.0	0.221303	Y
6	STD500 460-872315/8	500.0	117.64078	50.0	697027.0	0.235282	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

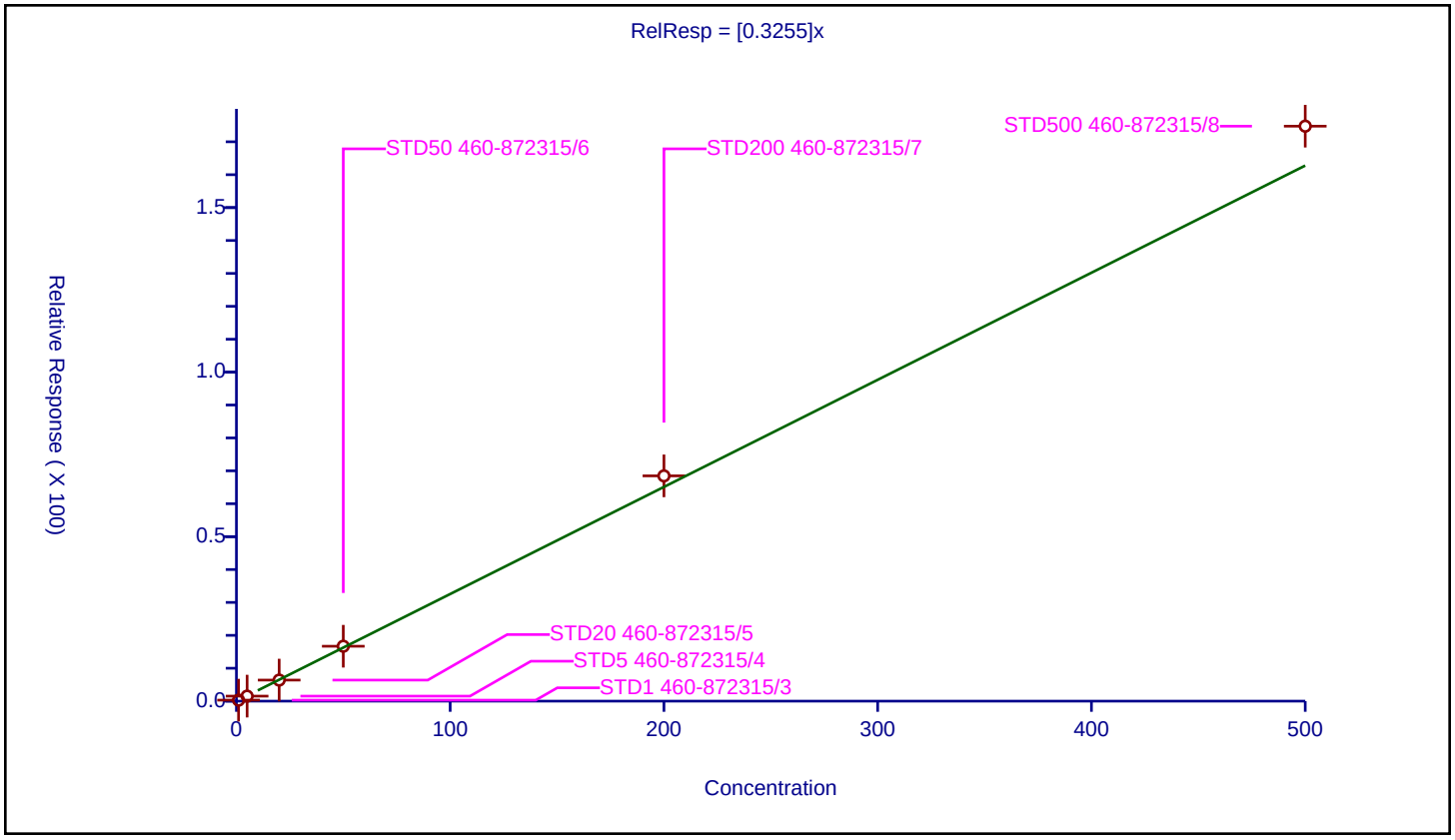
Curve Coefficients

Intercept:	0
Slope:	0.3255

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.302495	50.0	454553.0	0.302495	Y
2	STD5 460-872315/4	5.0	1.52588	50.0	459538.0	0.305176	Y
3	STD20 460-872315/5	20.0	6.397119	50.0	507963.0	0.319856	Y
4	STD50 460-872315/6	50.0	16.6906	50.0	545259.0	0.333812	Y
5	STD200 460-872315/7	200.0	68.465764	50.0	628593.0	0.342329	Y
6	STD500 460-872315/8	500.0	174.749113	50.0	697027.0	0.349498	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

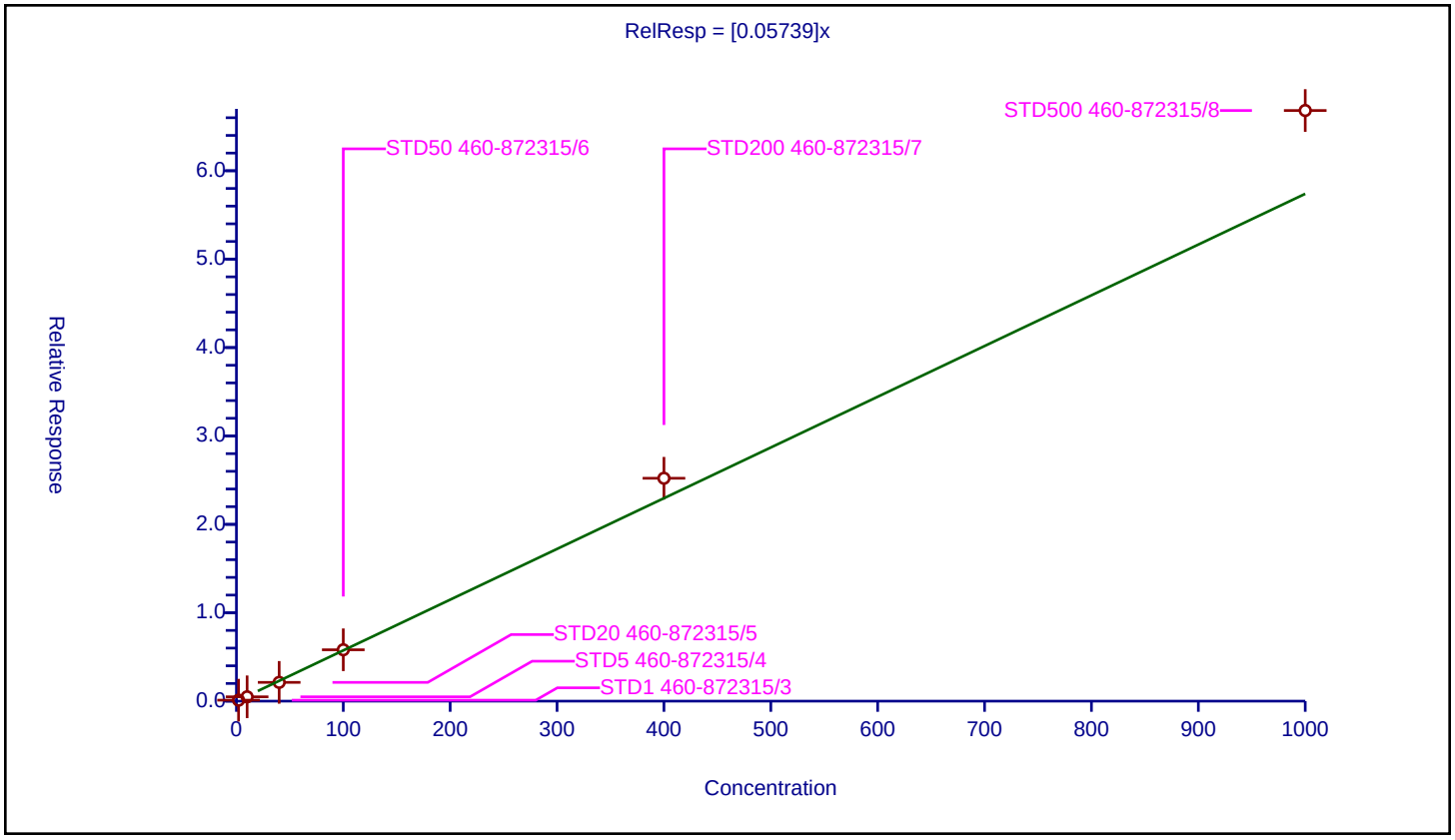
Curve Coefficients

Intercept:	0
Slope:	0.05739

Error Coefficients

Standard Error:	441000
Relative Standard Error:	11.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	2.0	0.108678	50.0	454553.0	0.054339	Y
2	STD5 460-872315/4	10.0	0.489731	50.0	459538.0	0.048973	Y
3	STD20 460-872315/5	40.0	2.123285	50.0	507963.0	0.053082	Y
4	STD50 460-872315/6	100.0	5.809808	50.0	545259.0	0.058098	Y
5	STD200 460-872315/7	400.0	25.215203	50.0	628593.0	0.063038	Y
6	STD500 460-872315/8	1000.0	66.814915	50.0	697027.0	0.066815	Y



Calibration / 1,4-Dioxane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

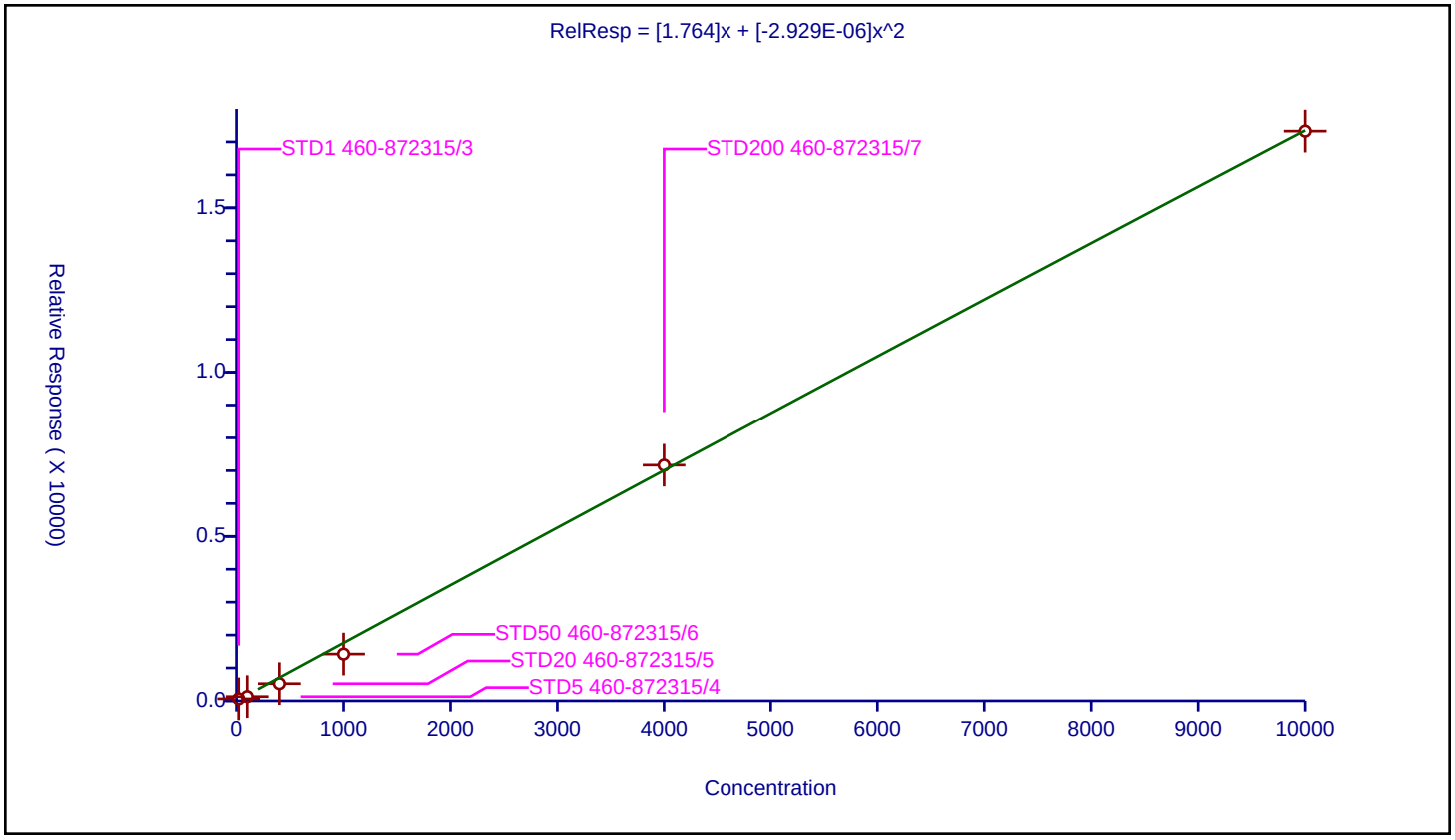
Curve Coefficients

Intercept:	0
Slope:	1.764
Second Order:	-2.929E-06

Error Coefficients

Standard Error:	170000
Relative Standard Error:	42.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	20.0	61.550921	1000.0	14817.0	3.077546	Y
2	STD5 460-872315/4	100.0	129.117344	1000.0	15544.0	1.291173	Y
3	STD20 460-872315/5	400.0	523.612936	1000.0	15987.0	1.309032	Y
4	STD50 460-872315/6	1000.0	1422.37497	1000.0	16876.0	1.422375	Y
5	STD200 460-872315/7	4000.0	7168.226499	1000.0	16989.0	1.792057	Y
6	STD500 460-872315/8	10000.0	17328.481794	1000.0	19444.0	1.732848	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

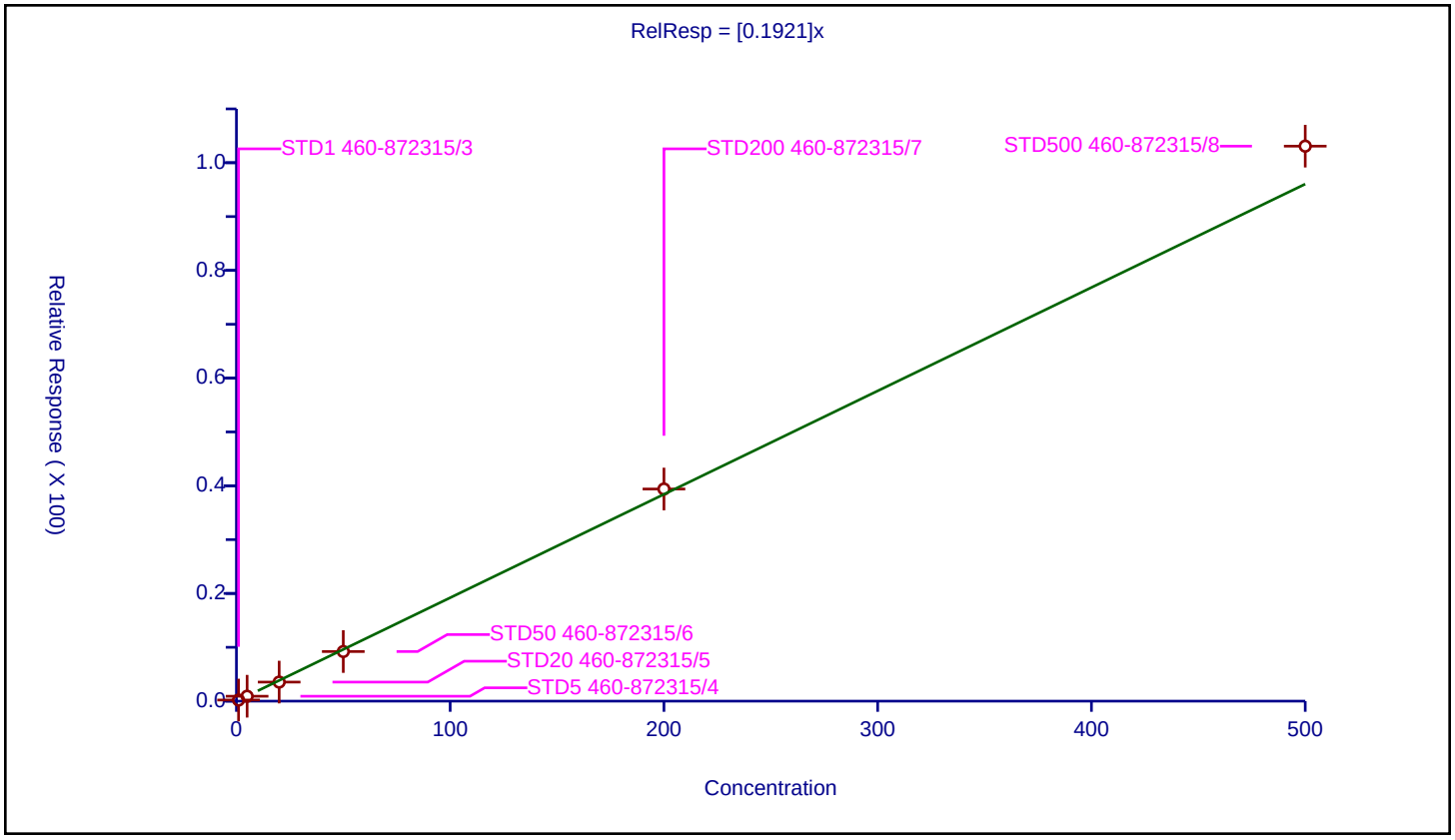
Curve Coefficients

Intercept:	0
Slope:	0.1921

Error Coefficients

Standard Error:	681000
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	STD1 460-872315/3	1.0	0.205257	50.0	454553.0	0.205257	Y
2	STD5 460-872315/4	5.0	0.913744	50.0	459538.0	0.182749	Y
3	STD20 460-872315/5	20.0	3.541104	50.0	507963.0	0.177055	Y
4	STD50 460-872315/6	50.0	9.211586	50.0	545259.0	0.184232	Y
5	STD200 460-872315/7	200.0	39.399421	50.0	628593.0	0.196997	Y
6	STD500 460-872315/8	500.0	103.077499	50.0	697027.0	0.206155	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

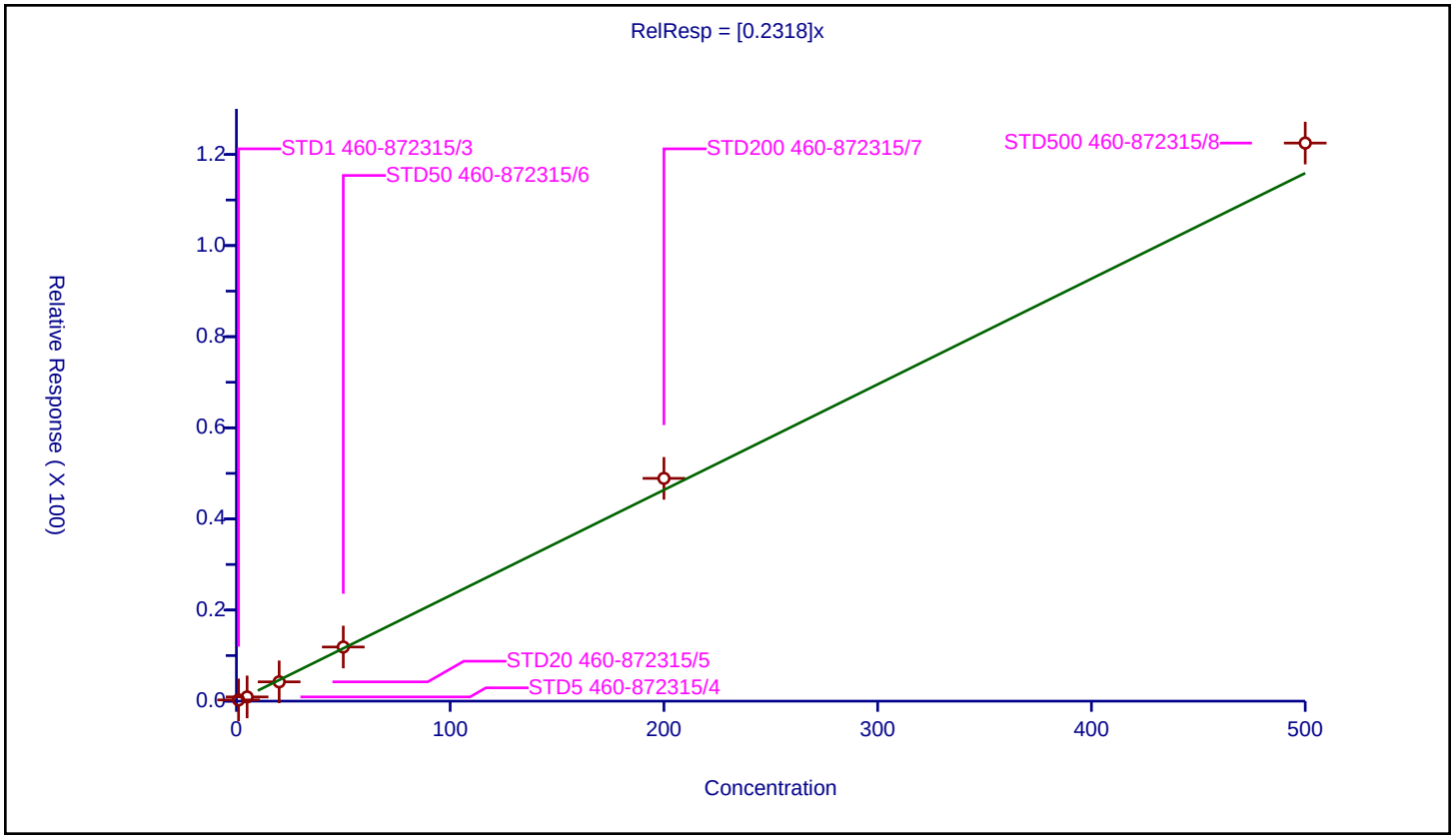
Curve Coefficients

Intercept:	0
Slope:	0.2318

Error Coefficients

Standard Error:	814000
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.266856	50.0	454553.0	0.266856	Y
2	STD5 460-872315/4	5.0	0.924189	50.0	459538.0	0.184838	Y
3	STD20 460-872315/5	20.0	4.237513	50.0	507963.0	0.211876	Y
4	STD50 460-872315/6	50.0	11.883435	50.0	545259.0	0.237669	Y
5	STD200 460-872315/7	200.0	48.899049	50.0	628593.0	0.244495	Y
6	STD500 460-872315/8	500.0	122.501926	50.0	697027.0	0.245004	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

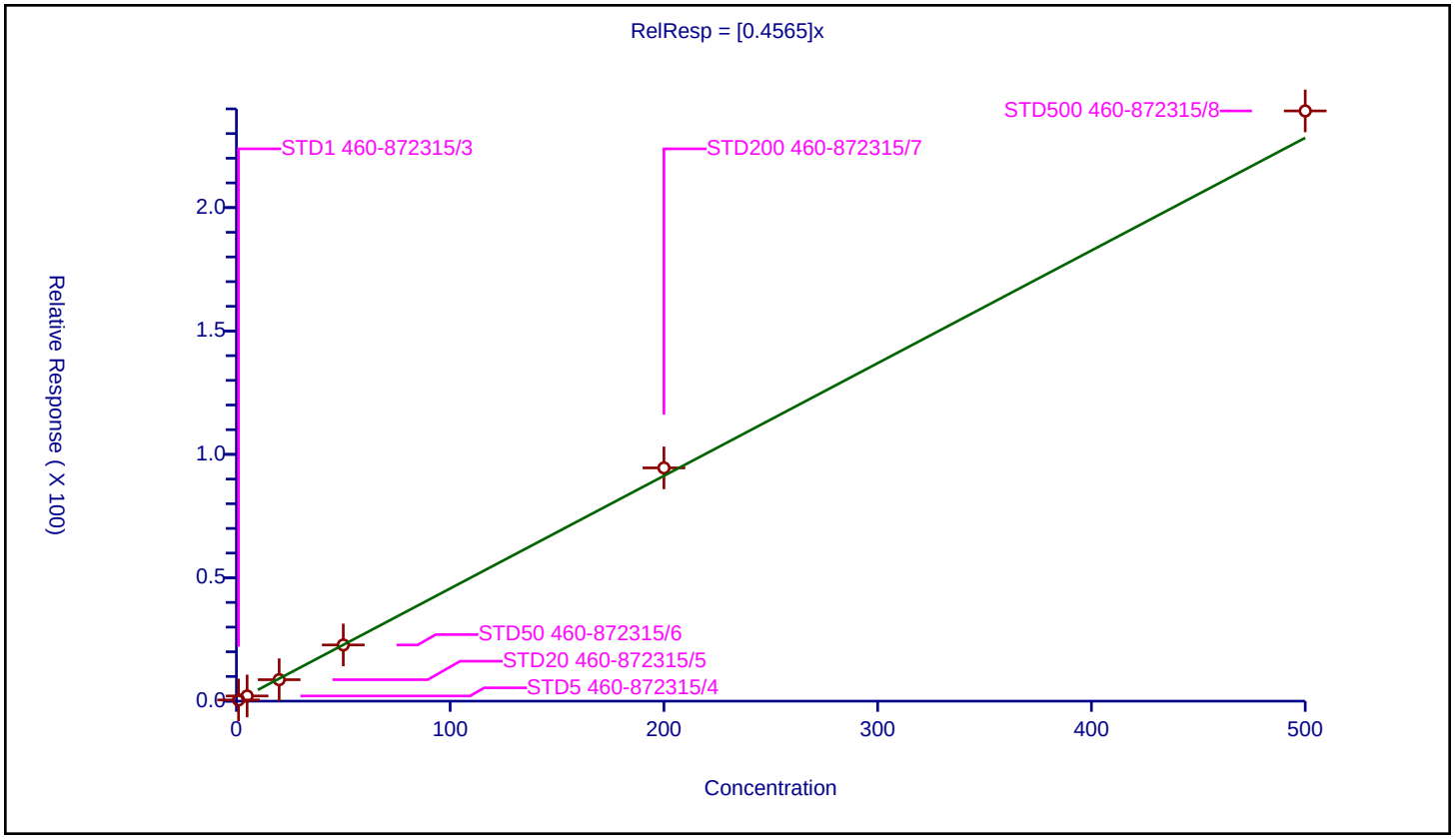
Curve Coefficients

Intercept:	0
Slope:	0.4565

Error Coefficients

Standard Error:	1590000
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	STD1 460-872315/3	1.0	0.478822	50.0	454553.0	0.478822	Y
2	STD5 460-872315/4	5.0	2.096889	50.0	459538.0	0.419378	Y
3	STD20 460-872315/5	20.0	8.694728	50.0	507963.0	0.434736	Y
4	STD50 460-872315/6	50.0	22.769088	50.0	545259.0	0.455382	Y
5	STD200 460-872315/7	200.0	94.520381	50.0	628593.0	0.472602	Y
6	STD500 460-872315/8	500.0	239.171869	50.0	697027.0	0.478344	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

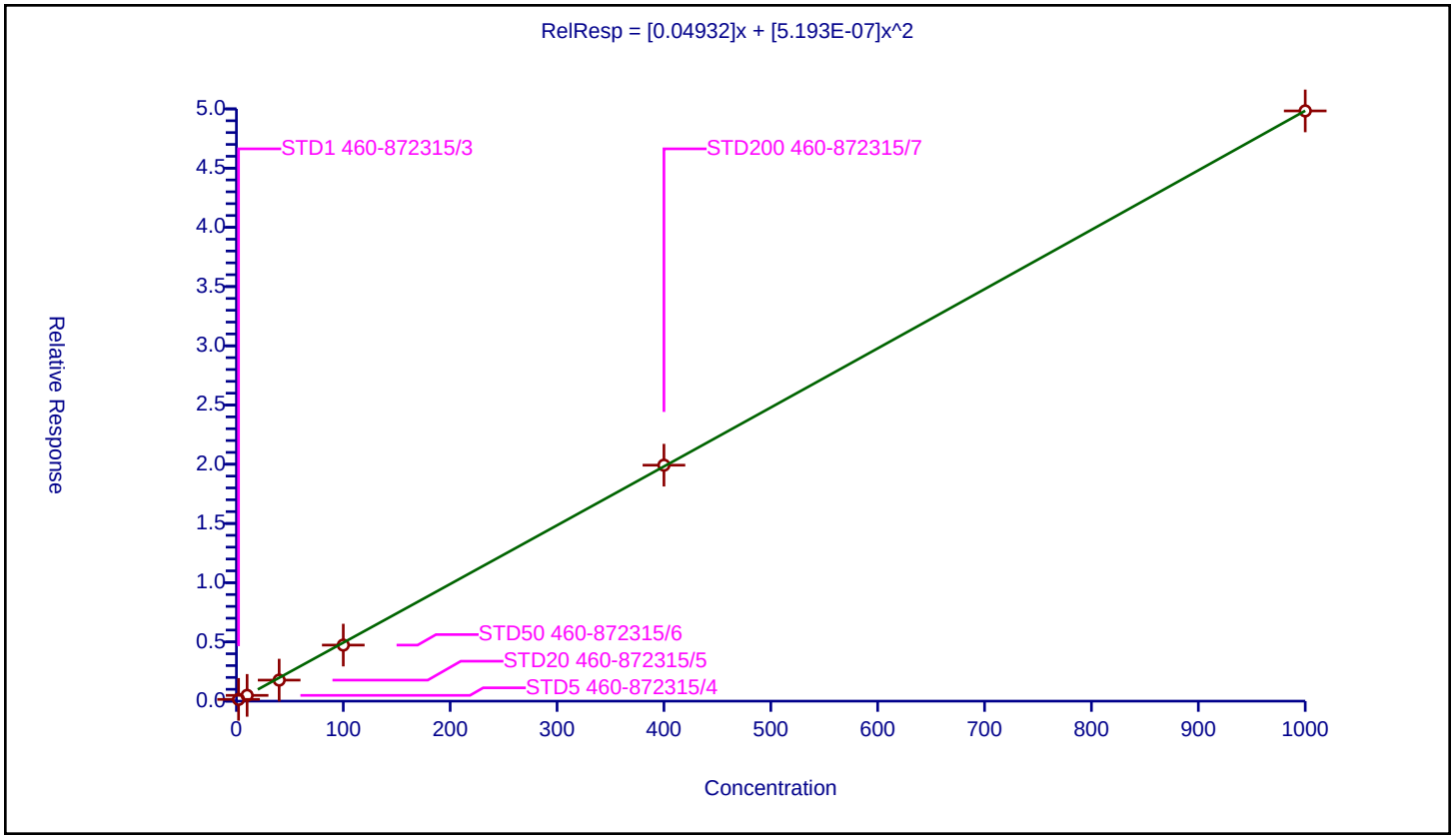
Curve Coefficients

Intercept:	0
Slope:	0.04932
Second Order:	5.193E-07

Error Coefficients

Standard Error:	370000
Relative Standard Error:	24.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	2.0	0.146628	50.0	454553.0	0.073314	Y
2	STD5 460-872315/4	10.0	0.486902	50.0	459538.0	0.04869	Y
3	STD20 460-872315/5	40.0	1.775621	50.0	507963.0	0.044391	Y
4	STD50 460-872315/6	100.0	4.731238	50.0	545259.0	0.047312	Y
5	STD200 460-872315/7	400.0	19.921794	50.0	628593.0	0.049804	Y
6	STD500 460-872315/8	1000.0	49.828558	50.0	697027.0	0.049829	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

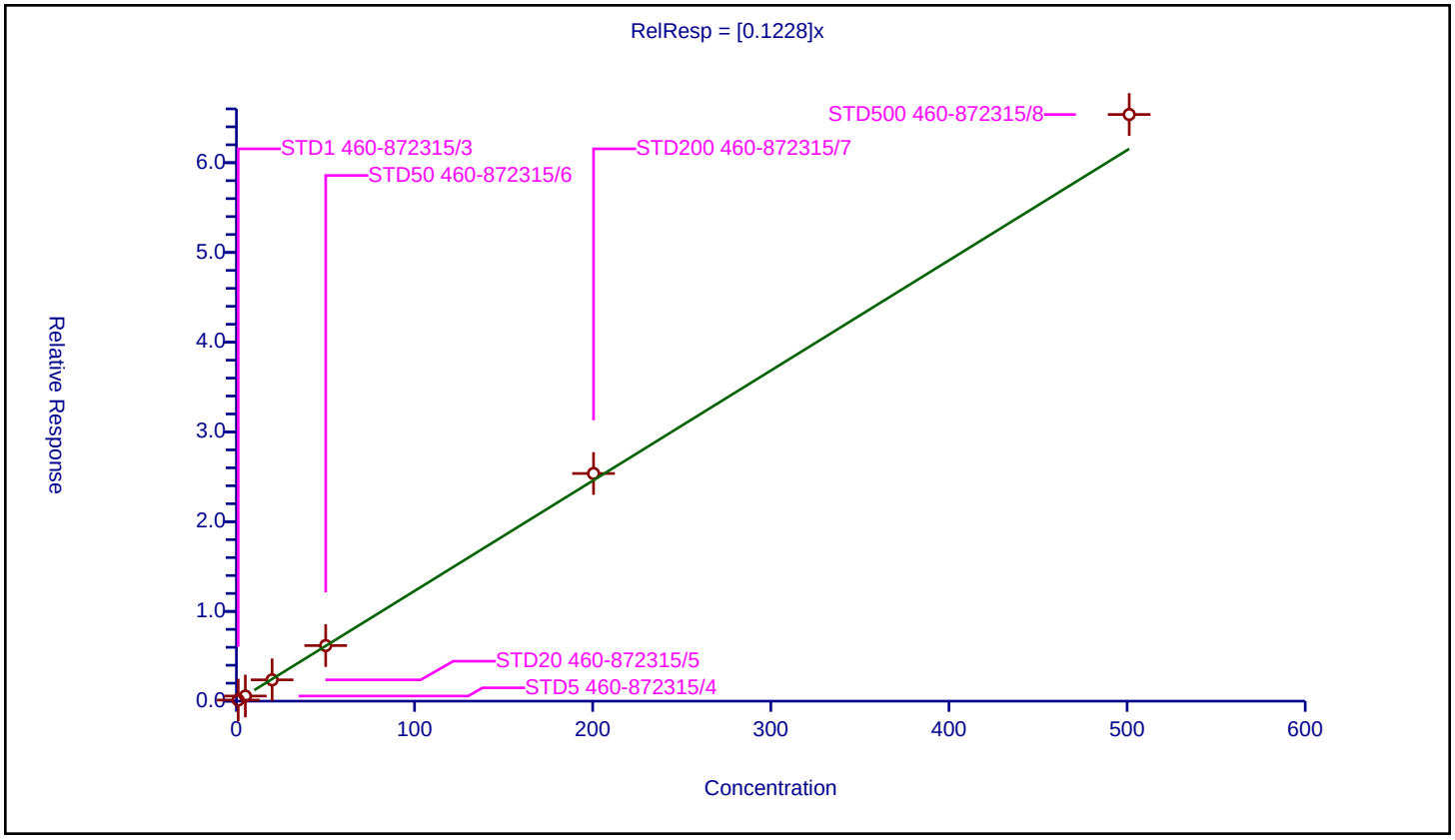
Curve Coefficients

Intercept:	0
Slope:	0.1228

Error Coefficients

Standard Error:	433000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0024	0.123968	50.0	454553.0	0.123671	Y
2	STD5 460-872315/4	5.012	0.572423	50.0	459538.0	0.11421	Y
3	STD20 460-872315/5	20.048	2.373007	50.0	507963.0	0.118366	Y
4	STD50 460-872315/6	50.12	6.193387	50.0	545259.0	0.123571	Y
5	STD200 460-872315/7	200.48	25.3688	50.0	628593.0	0.12654	Y
6	STD500 460-872315/8	501.2	65.37444	50.0	697027.0	0.130436	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

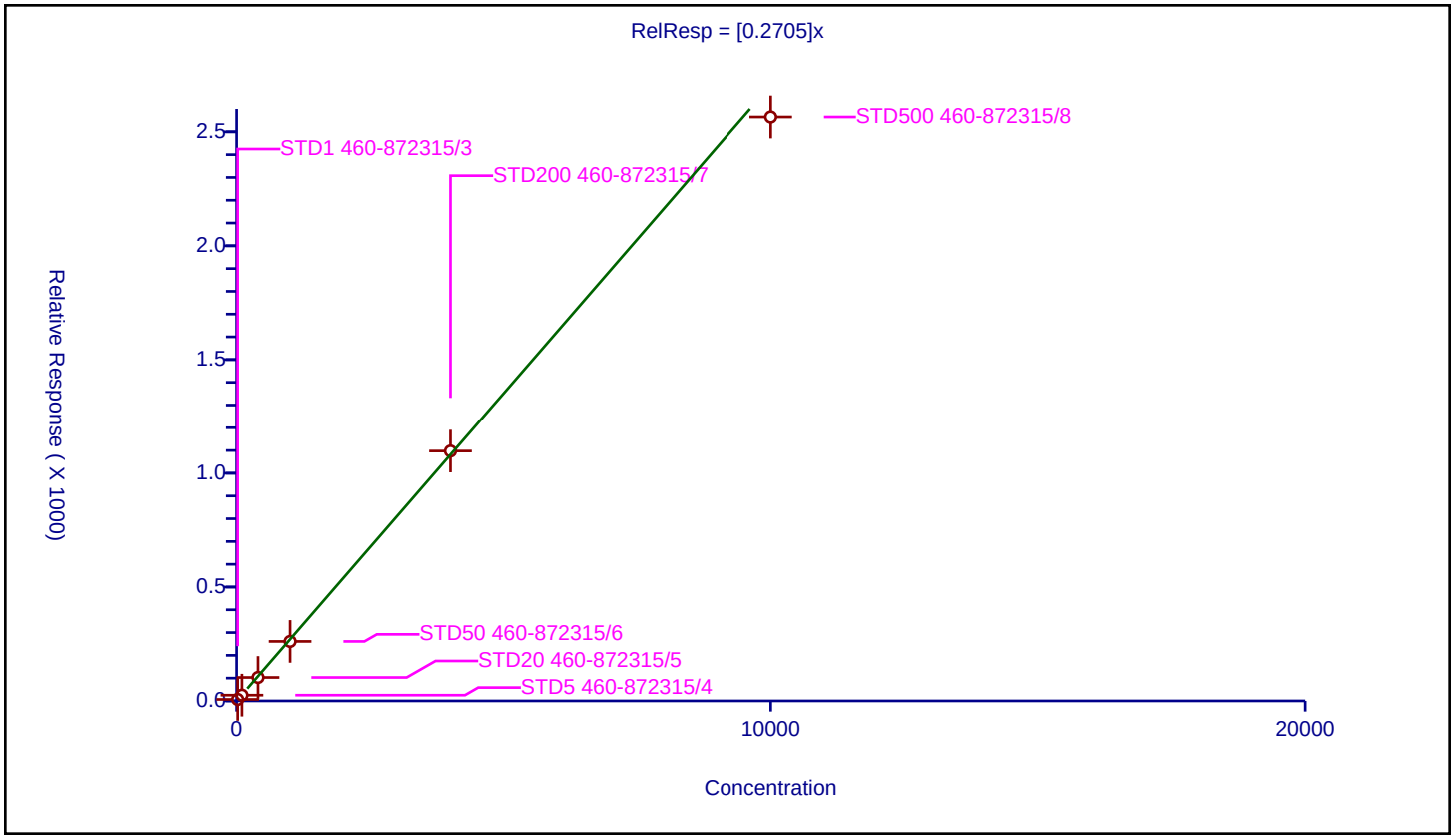
Curve Coefficients

Intercept:	0
Slope:	0.2705

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	20.000035	6.4326	250.0	135987.0	0.321629	Y
2	STD5 460-872315/4	100.000173	25.226132	250.0	140073.0	0.252261	Y
3	STD20 460-872315/5	400.000692	102.815652	250.0	151599.0	0.257039	Y
4	STD50 460-872315/6	1000.00173	261.11484	250.0	168356.0	0.261114	Y
5	STD200 460-872315/7	4000.00692	1097.669864	250.0	201705.0	0.274417	Y
6	STD500 460-872315/8	10000.0173	2564.803362	250.0	232025.0	0.25648	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

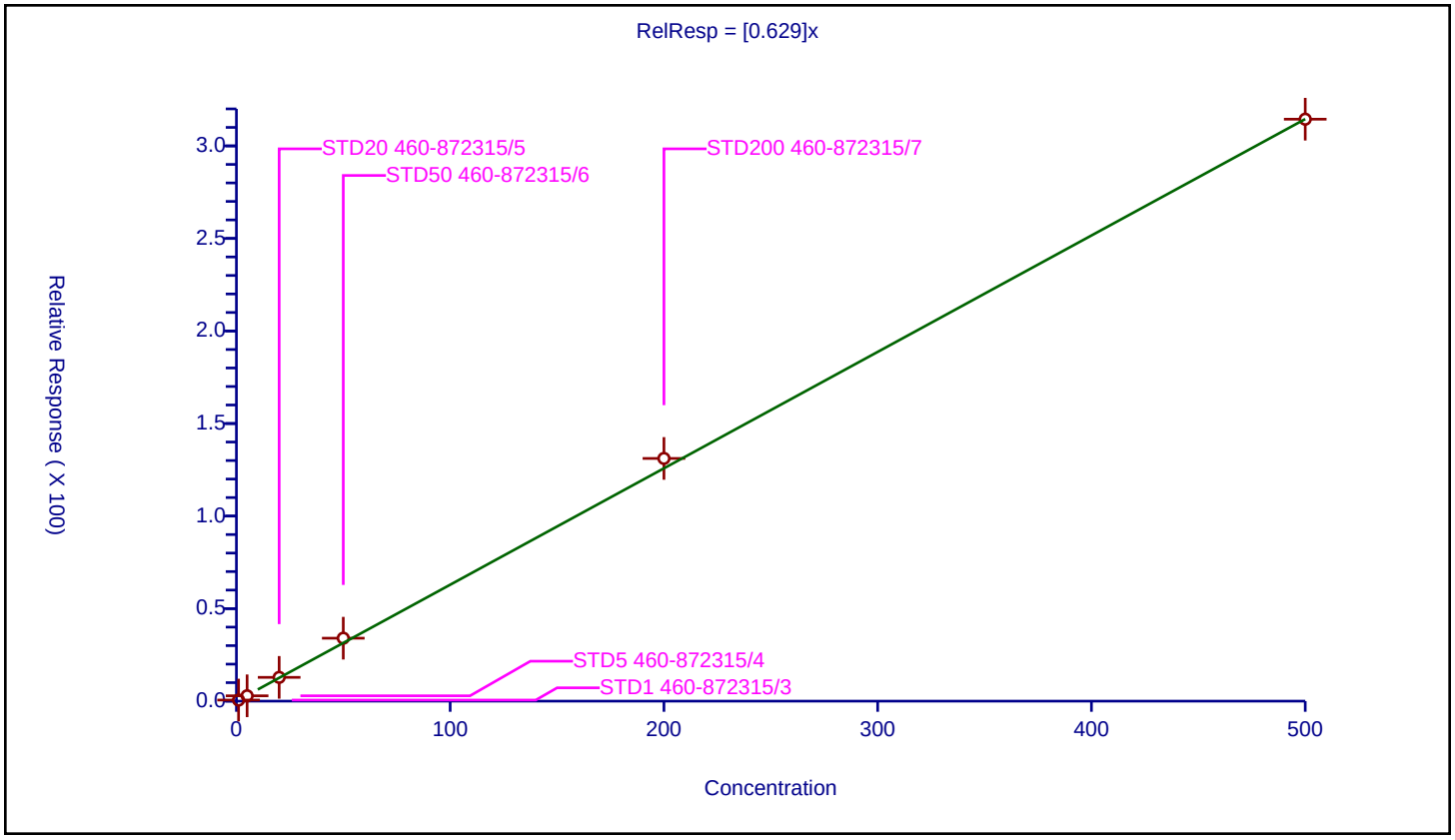
Curve Coefficients

Intercept:	0
Slope:	0.629

Error Coefficients

Standard Error:	1850000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.589641	50.0	365392.0	0.589641	Y
2	STD5 460-872315/4	5.0	2.887673	50.0	366385.0	0.577535	Y
3	STD20 460-872315/5	20.0	12.842456	50.0	386947.0	0.642123	Y
4	STD50 460-872315/6	50.0	34.008012	50.0	409899.0	0.68016	Y
5	STD200 460-872315/7	200.0	131.139781	50.0	520442.0	0.655699	Y
6	STD500 460-872315/8	500.0	314.42676	50.0	618292.0	0.628854	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

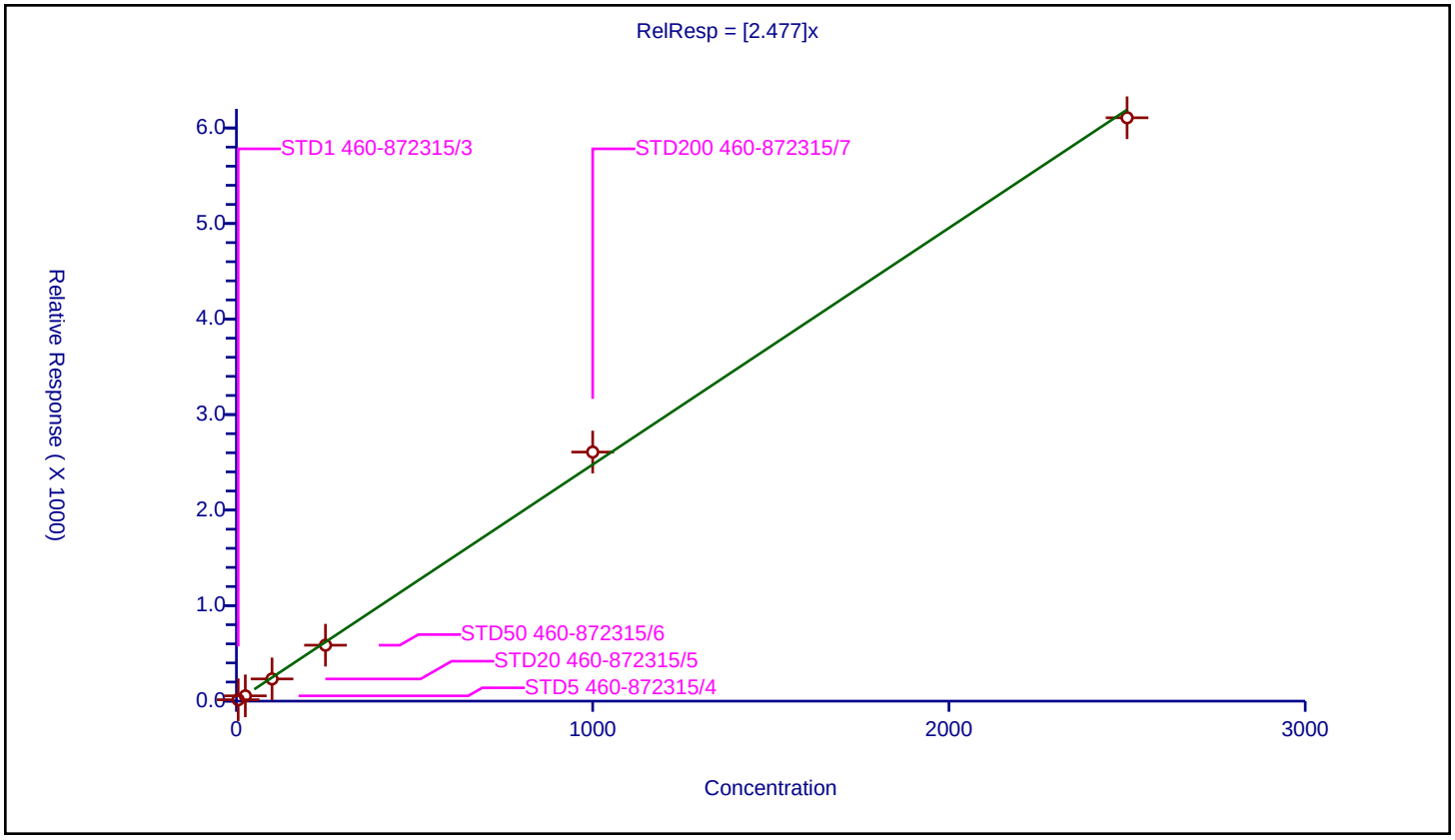
Curve Coefficients

Intercept:	0
Slope:	2.477

Error Coefficients

Standard Error:	2710000
Relative Standard Error:	10.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	5.0	14.672358	250.0	135987.0	2.934472	Y
2	STD5 460-872315/4	25.0	55.219421	250.0	140073.0	2.208777	Y
3	STD20 460-872315/5	100.0	232.301994	250.0	151599.0	2.32302	Y
4	STD50 460-872315/6	250.0	585.724596	250.0	168356.0	2.342898	Y
5	STD200 460-872315/7	1000.0	2607.48618	250.0	201705.0	2.607486	Y
6	STD500 460-872315/8	2500.0	6107.175951	250.0	232025.0	2.44287	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

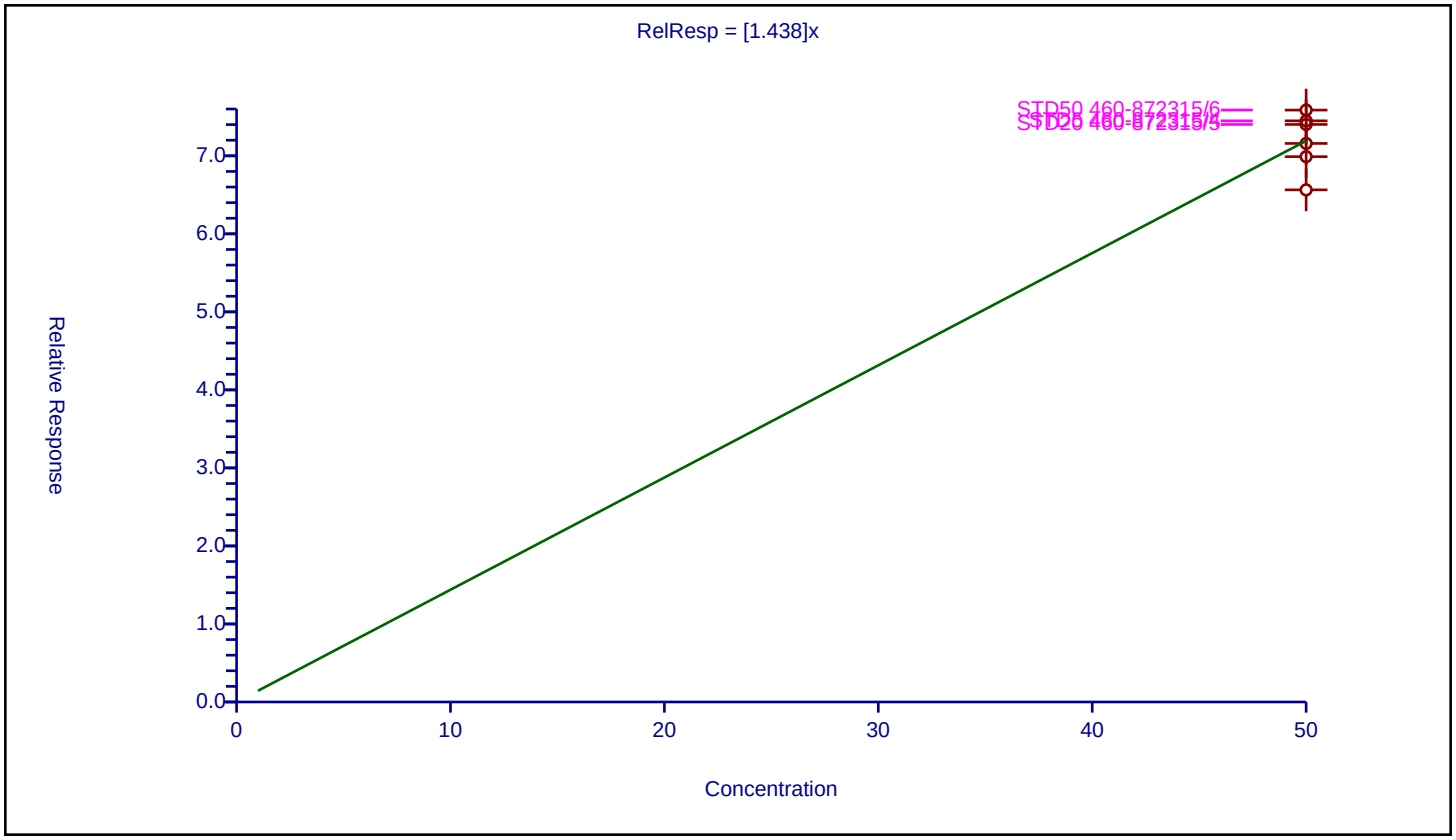
Curve Coefficients

Intercept:	0
Slope:	1.438

Error Coefficients

Standard Error:	703000
Relative Standard Error:	5.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	50.0	71.586816	50.0	365392.0	1.431736	Y
2	STD5 460-872315/4	50.0	74.485582	50.0	366385.0	1.489712	Y
3	STD20 460-872315/5	50.0	74.020732	50.0	386947.0	1.480415	Y
4	STD50 460-872315/6	50.0	75.862713	50.0	409899.0	1.517254	Y
5	STD200 460-872315/7	50.0	69.893763	50.0	520442.0	1.397875	Y
6	STD500 460-872315/8	50.0	65.63614	50.0	618292.0	1.312723	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

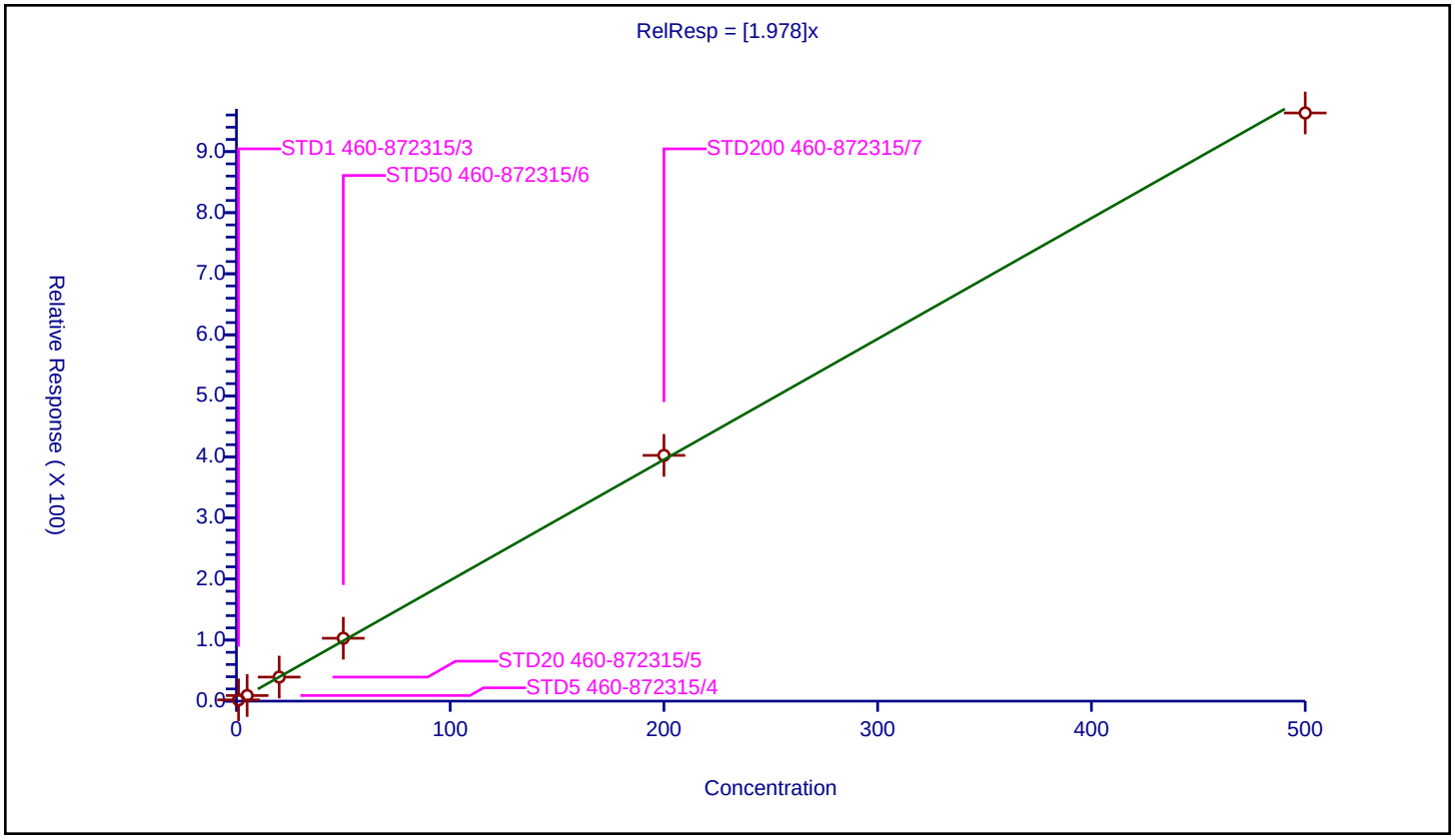
Curve Coefficients

Intercept:	0
Slope:	1.978

Error Coefficients

Standard Error:	5660000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	2.063537	50.0	365392.0	2.063537	Y
2	STD5 460-872315/4	5.0	9.161947	50.0	366385.0	1.832389	Y
3	STD20 460-872315/5	20.0	39.39984	50.0	386947.0	1.969992	Y
4	STD50 460-872315/6	50.0	103.028551	50.0	409899.0	2.060571	Y
5	STD200 460-872315/7	200.0	402.508637	50.0	520442.0	2.012543	Y
6	STD500 460-872315/8	500.0	963.318141	50.0	618292.0	1.926636	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

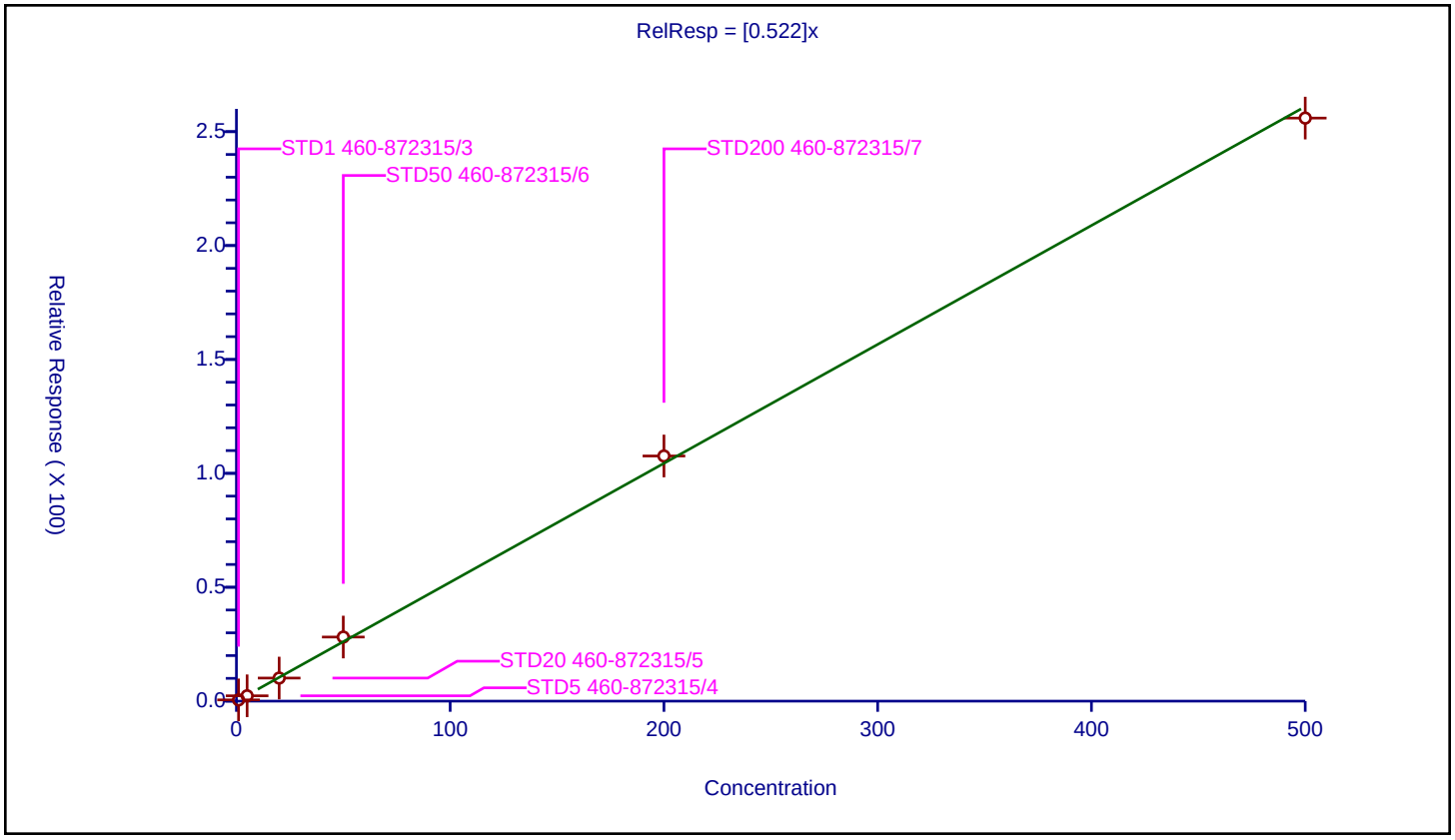
Curve Coefficients

Intercept:	0
Slope:	0.522

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.543252	50.0	365392.0	0.543252	Y
2	STD5 460-872315/4	5.0	2.346302	50.0	366385.0	0.46926	Y
3	STD20 460-872315/5	20.0	10.136918	50.0	386947.0	0.506846	Y
4	STD50 460-872315/6	50.0	28.134492	50.0	409899.0	0.56269	Y
5	STD200 460-872315/7	200.0	107.627555	50.0	520442.0	0.538138	Y
6	STD500 460-872315/8	500.0	255.970076	50.0	618292.0	0.51194	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

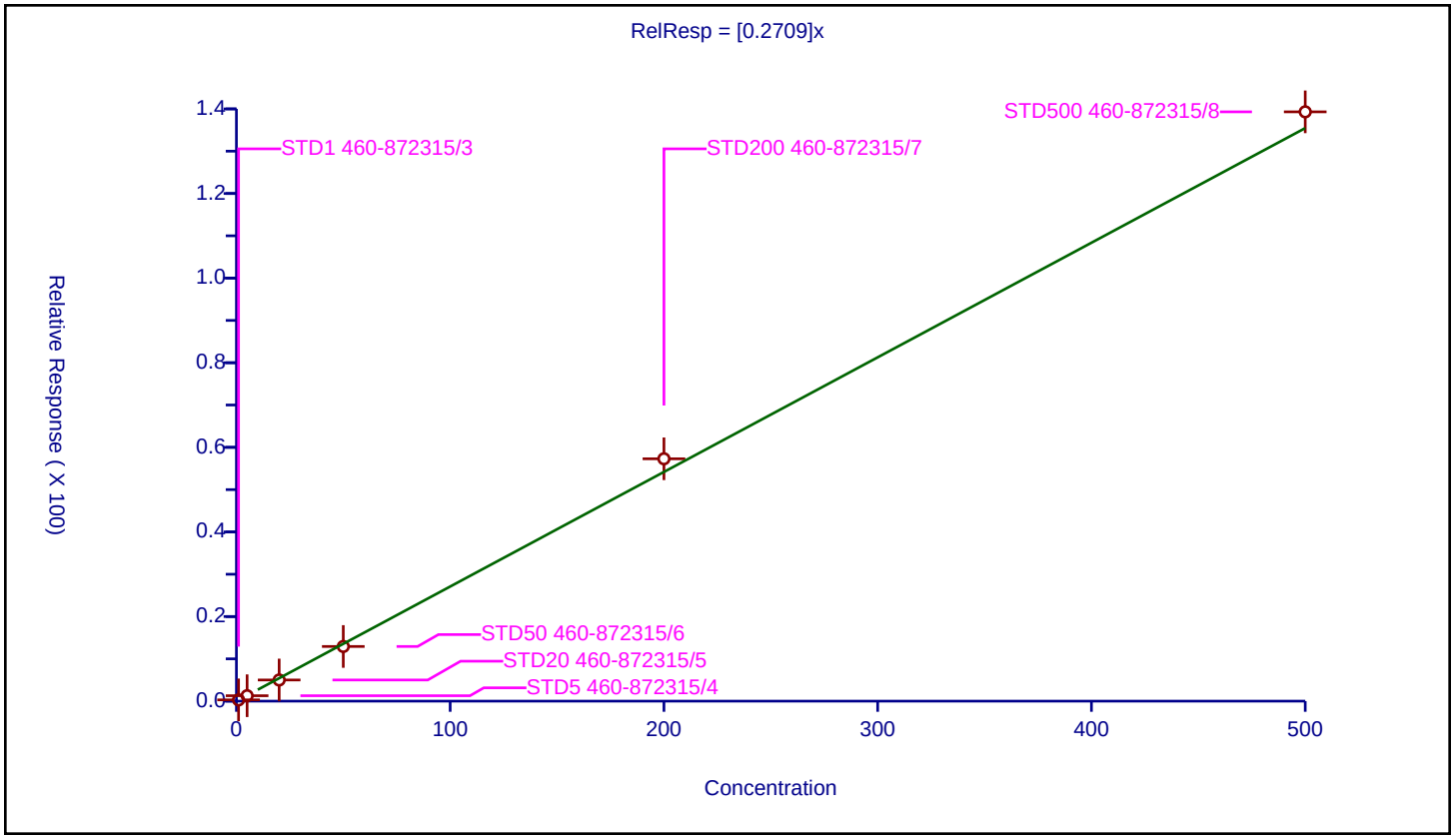
Curve Coefficients

Intercept:	0
Slope:	0.2709

Error Coefficients

Standard Error:	929000
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	STD1 460-872315/3	1.0	0.295895	50.0	454553.0	0.295895	Y
2	STD5 460-872315/4	5.0	1.280416	50.0	459538.0	0.256083	Y
3	STD20 460-872315/5	20.0	4.999577	50.0	507963.0	0.249979	Y
4	STD50 460-872315/6	50.0	12.919548	50.0	545259.0	0.258391	Y
5	STD200 460-872315/7	200.0	57.292716	50.0	628593.0	0.286464	Y
6	STD500 460-872315/8	500.0	139.302495	50.0	697027.0	0.278605	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

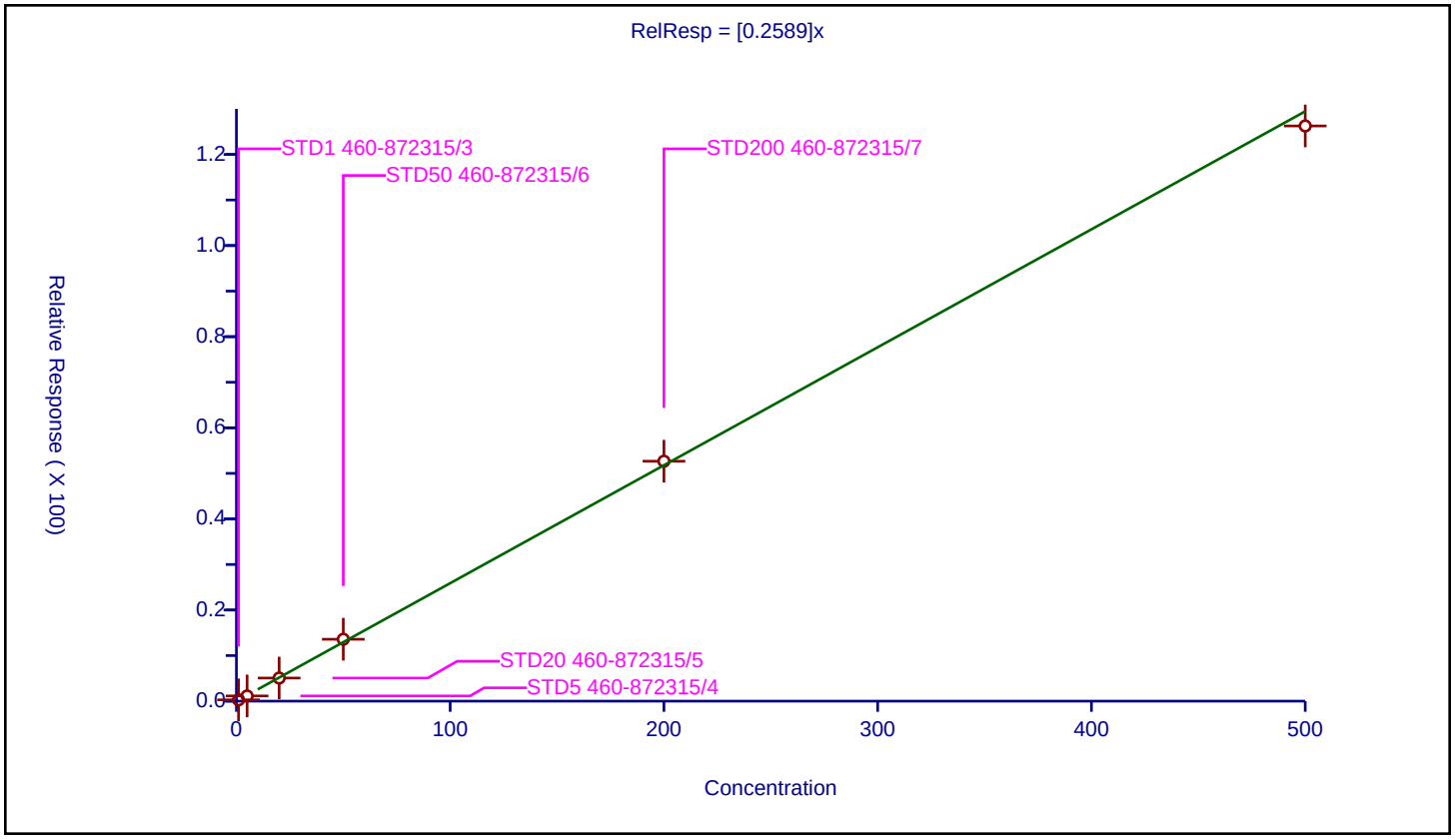
Curve Coefficients

Intercept:	0
Slope:	0.2589

Error Coefficients

Standard Error:	742000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.284078	50.0	365392.0	0.284078	Y
2	STD5 460-872315/4	5.0	1.141149	50.0	366385.0	0.22823	Y
3	STD20 460-872315/5	20.0	5.072917	50.0	386947.0	0.253646	Y
4	STD50 460-872315/6	50.0	13.583956	50.0	409899.0	0.271679	Y
5	STD200 460-872315/7	200.0	52.667828	50.0	520442.0	0.263339	Y
6	STD500 460-872315/8	500.0	126.251108	50.0	618292.0	0.252502	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

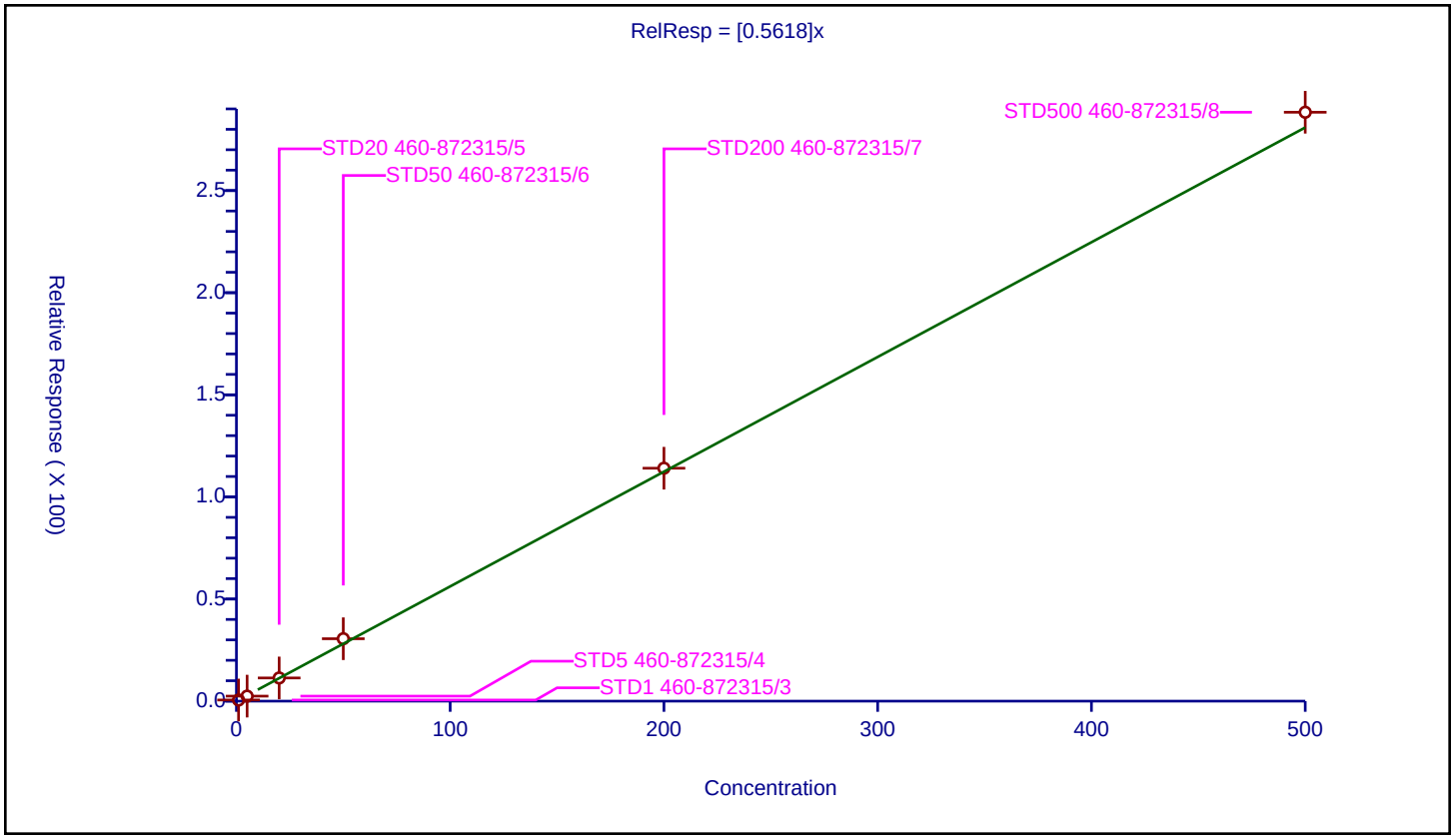
Curve Coefficients

Intercept:	0
Slope:	0.5618

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	7.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.553652	50.0	365392.0	0.553652	Y
2	STD5 460-872315/4	5.0	2.455204	50.0	366385.0	0.491041	Y
3	STD20 460-872315/5	20.0	11.353493	50.0	386947.0	0.567675	Y
4	STD50 460-872315/6	50.0	30.563749	50.0	409899.0	0.611275	Y
5	STD200 460-872315/7	200.0	114.051326	50.0	520442.0	0.570257	Y
6	STD500 460-872315/8	500.0	288.352995	50.0	618292.0	0.576706	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

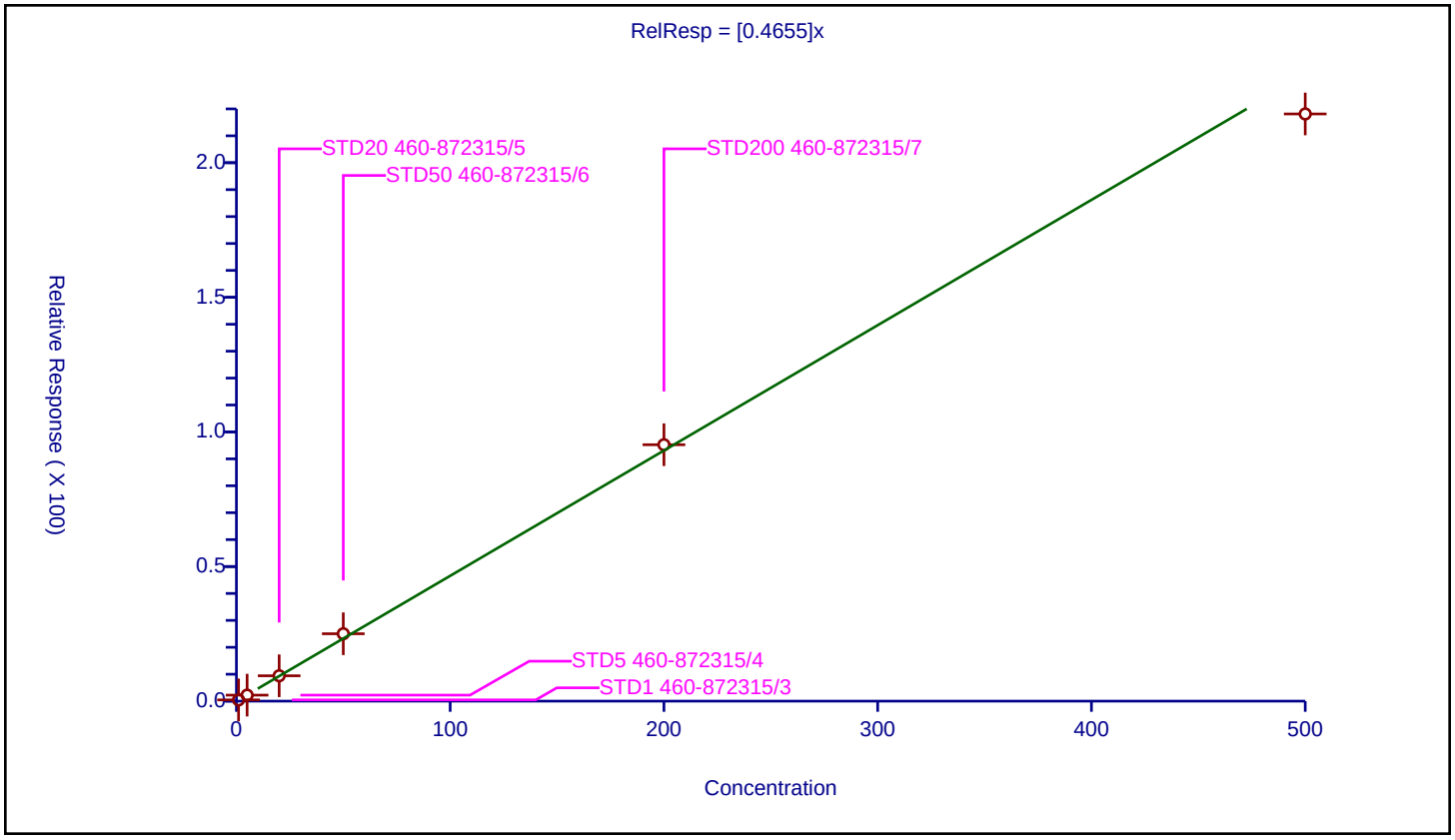
Curve Coefficients

Intercept:	0
Slope:	0.4655

Error Coefficients

Standard Error:	1290000
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	STD1 460-872315/3	1.0	0.462243	50.0	365392.0	0.462243	Y
2	STD5 460-872315/4	5.0	2.230031	50.0	366385.0	0.446006	Y
3	STD20 460-872315/5	20.0	9.427002	50.0	386947.0	0.47135	Y
4	STD50 460-872315/6	50.0	25.037997	50.0	409899.0	0.50076	Y
5	STD200 460-872315/7	200.0	95.250768	50.0	520442.0	0.476254	Y
6	STD500 460-872315/8	500.0	218.124446	50.0	618292.0	0.436249	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

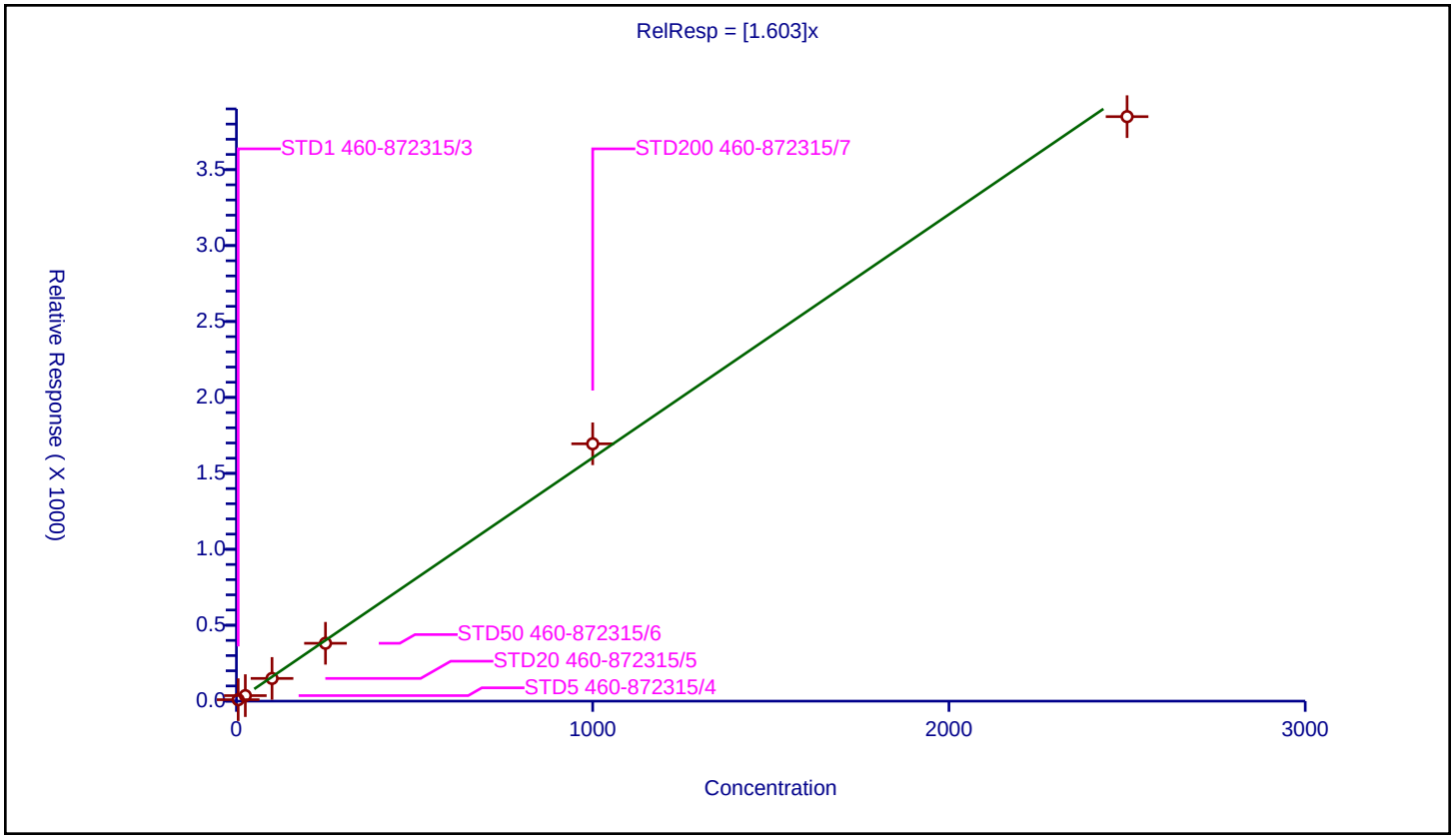
Curve Coefficients

Intercept:	0
Slope:	1.603

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	5.0	9.532161	250.0	135987.0	1.906432	Y
2	STD5 460-872315/4	25.0	36.406017	250.0	140073.0	1.456241	Y
3	STD20 460-872315/5	100.0	149.471632	250.0	151599.0	1.494716	Y
4	STD50 460-872315/6	250.0	380.969493	250.0	168356.0	1.523878	Y
5	STD200 460-872315/7	1000.0	1694.598547	250.0	201705.0	1.694599	Y
6	STD500 460-872315/8	2500.0	3848.967784	250.0	232025.0	1.539587	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

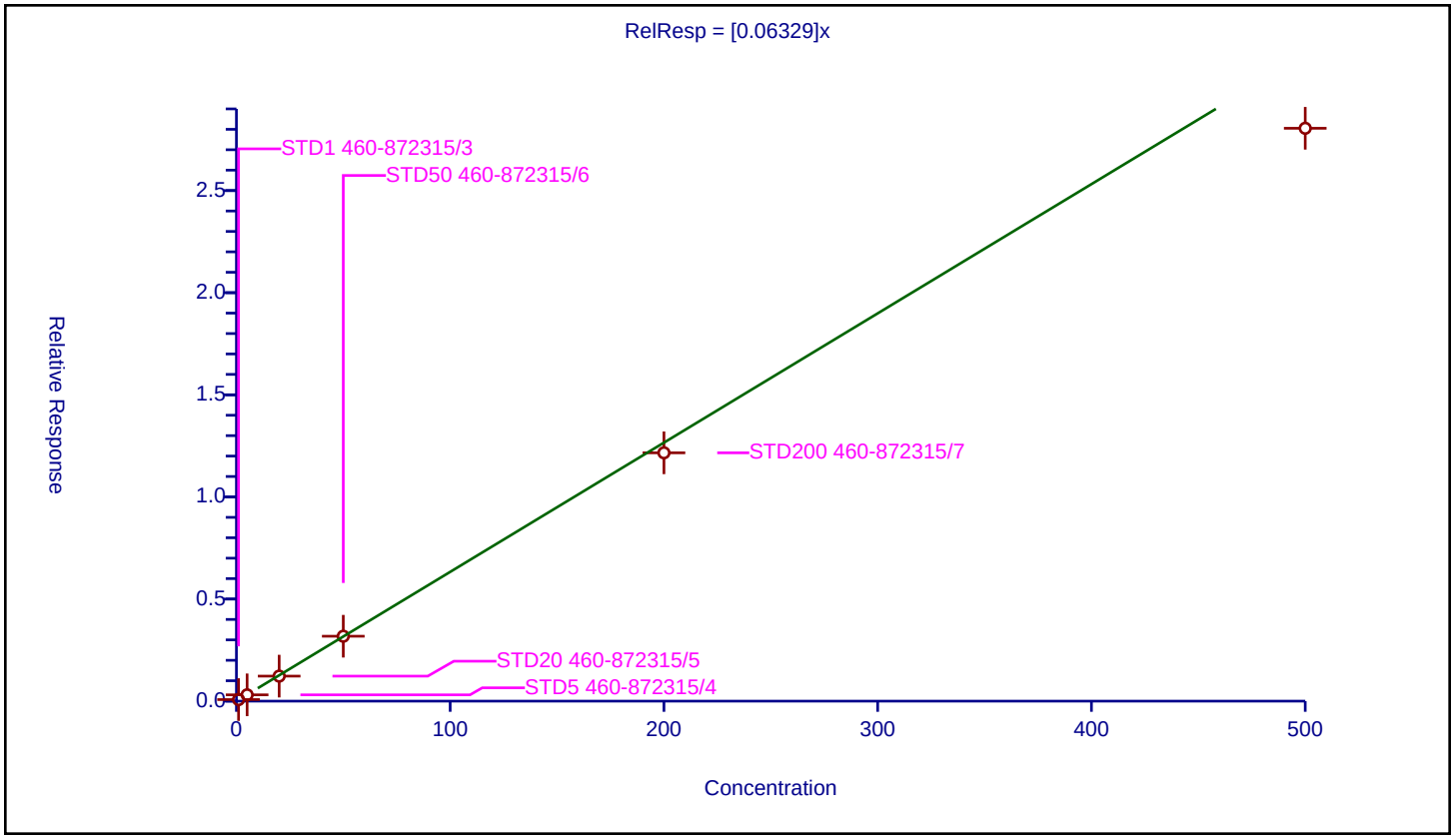
Curve Coefficients

Intercept:	0
Slope:	0.06329

Error Coefficients

Standard Error:	166000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.07622	50.0	365392.0	0.07622	Y
2	STD5 460-872315/4	5.0	0.308828	50.0	366385.0	0.061766	Y
3	STD20 460-872315/5	20.0	1.225878	50.0	386947.0	0.061294	Y
4	STD50 460-872315/6	50.0	3.178344	50.0	409899.0	0.063567	Y
5	STD200 460-872315/7	200.0	12.159664	50.0	520442.0	0.060798	Y
6	STD500 460-872315/8	500.0	28.050581	50.0	618292.0	0.056101	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

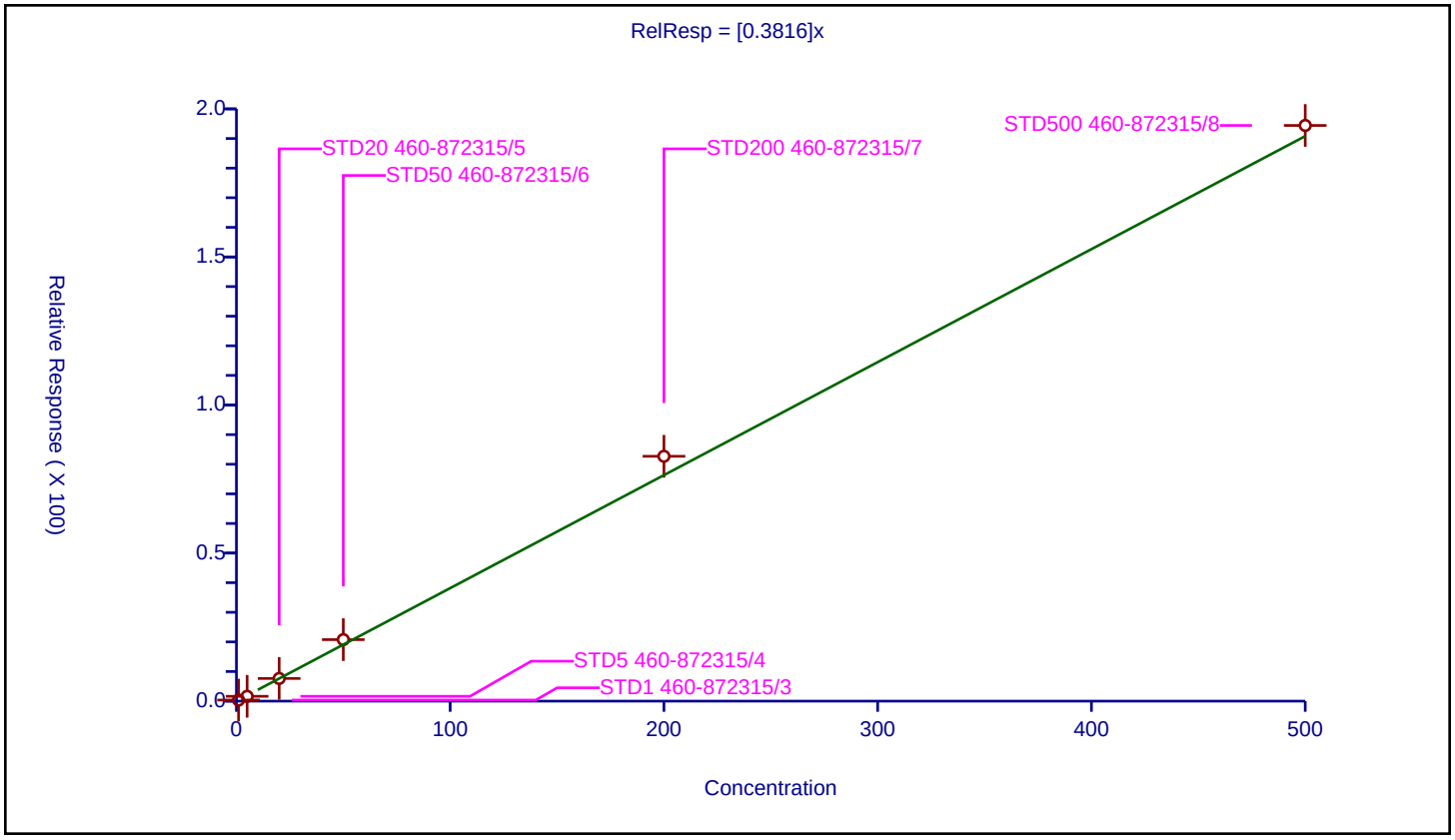
Curve Coefficients

Intercept:	0
Slope:	0.3816

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.361666	50.0	365392.0	0.361666	Y
2	STD5 460-872315/4	5.0	1.636666	50.0	366385.0	0.327333	Y
3	STD20 460-872315/5	20.0	7.654795	50.0	386947.0	0.38274	Y
4	STD50 460-872315/6	50.0	20.775972	50.0	409899.0	0.415519	Y
5	STD200 460-872315/7	200.0	82.688657	50.0	520442.0	0.413443	Y
6	STD500 460-872315/8	500.0	194.408063	50.0	618292.0	0.388816	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

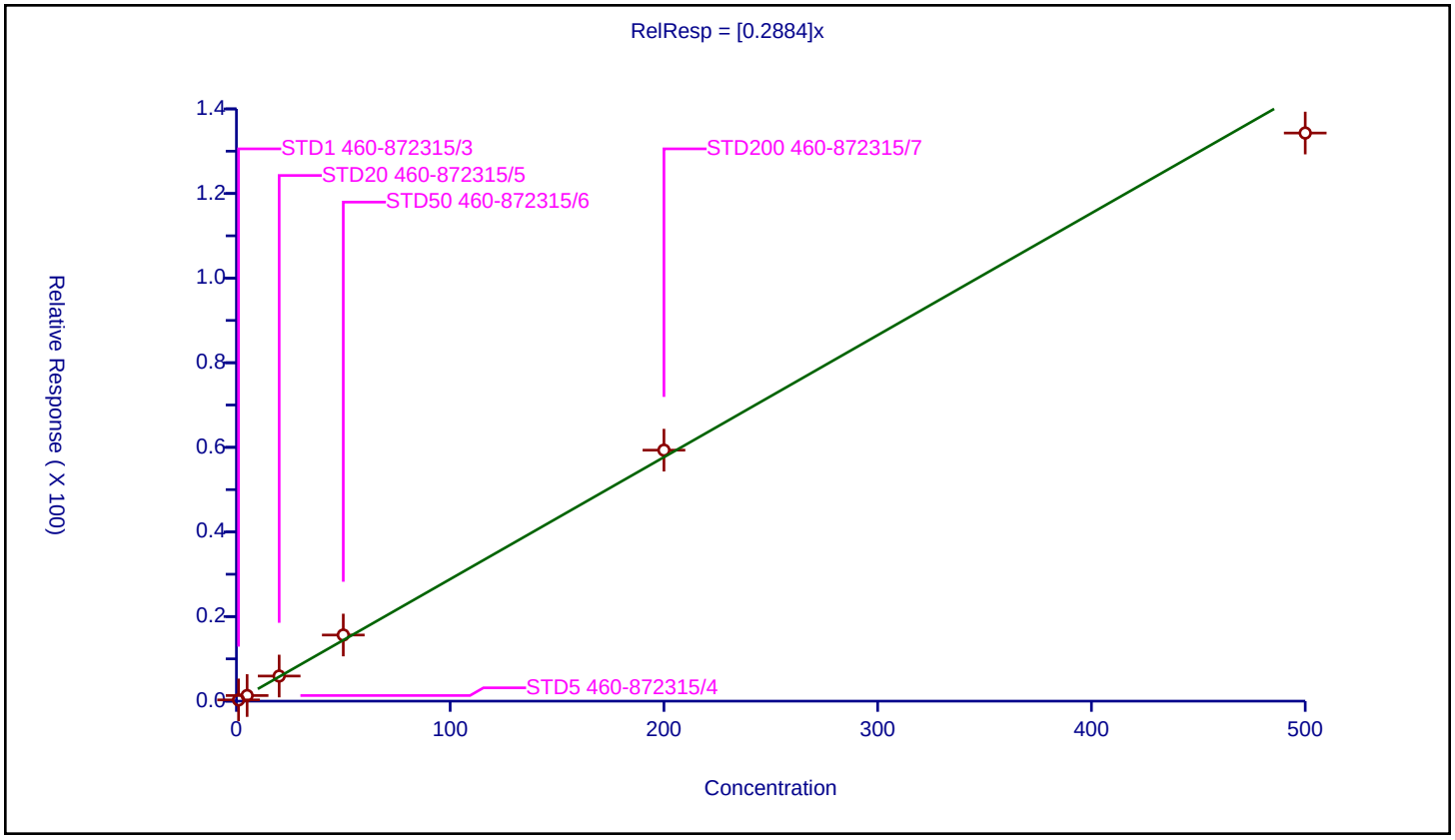
Curve Coefficients

Intercept:	0
Slope:	0.2884

Error Coefficients

Standard Error:	795000
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	STD1 460-872315/3	1.0	0.290373	50.0	365392.0	0.290373	Y
2	STD5 460-872315/4	5.0	1.327429	50.0	366385.0	0.265486	Y
3	STD20 460-872315/5	20.0	5.930916	50.0	386947.0	0.296546	Y
4	STD50 460-872315/6	50.0	15.631656	50.0	409899.0	0.312633	Y
5	STD200 460-872315/7	200.0	59.331395	50.0	520442.0	0.296657	Y
6	STD500 460-872315/8	500.0	134.295446	50.0	618292.0	0.268591	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

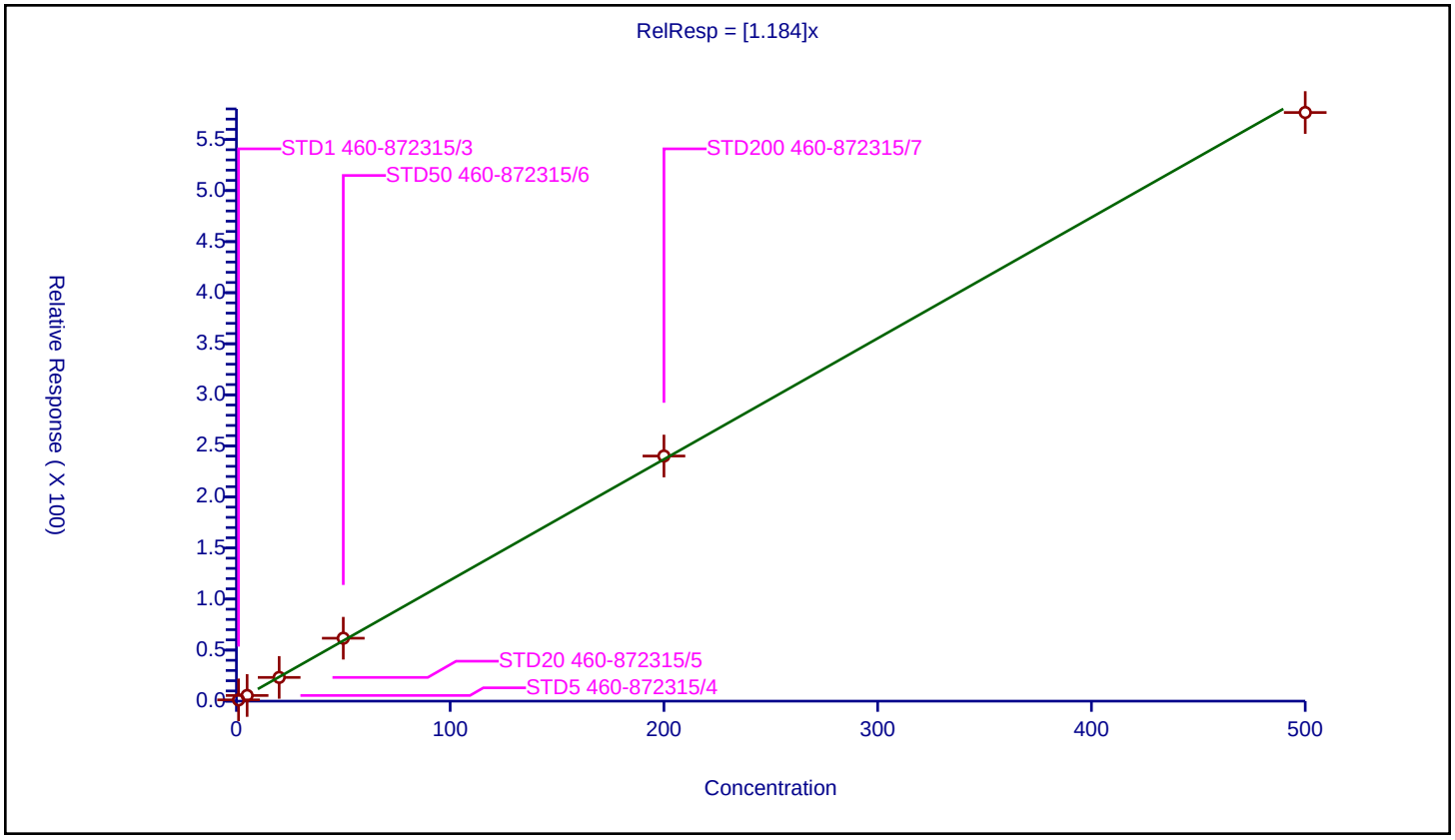
Curve Coefficients

Intercept:	0
Slope:	1.184

Error Coefficients

Standard Error:	3390000
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	STD1 460-872315/3	1.0	1.248112	50.0	365392.0	1.248112	Y
2	STD5 460-872315/4	5.0	5.552083	50.0	366385.0	1.110417	Y
3	STD20 460-872315/5	20.0	23.225791	50.0	386947.0	1.16129	Y
4	STD50 460-872315/6	50.0	61.629938	50.0	409899.0	1.232599	Y
5	STD200 460-872315/7	200.0	240.058258	50.0	520442.0	1.200291	Y
6	STD500 460-872315/8	500.0	576.454006	50.0	618292.0	1.152908	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

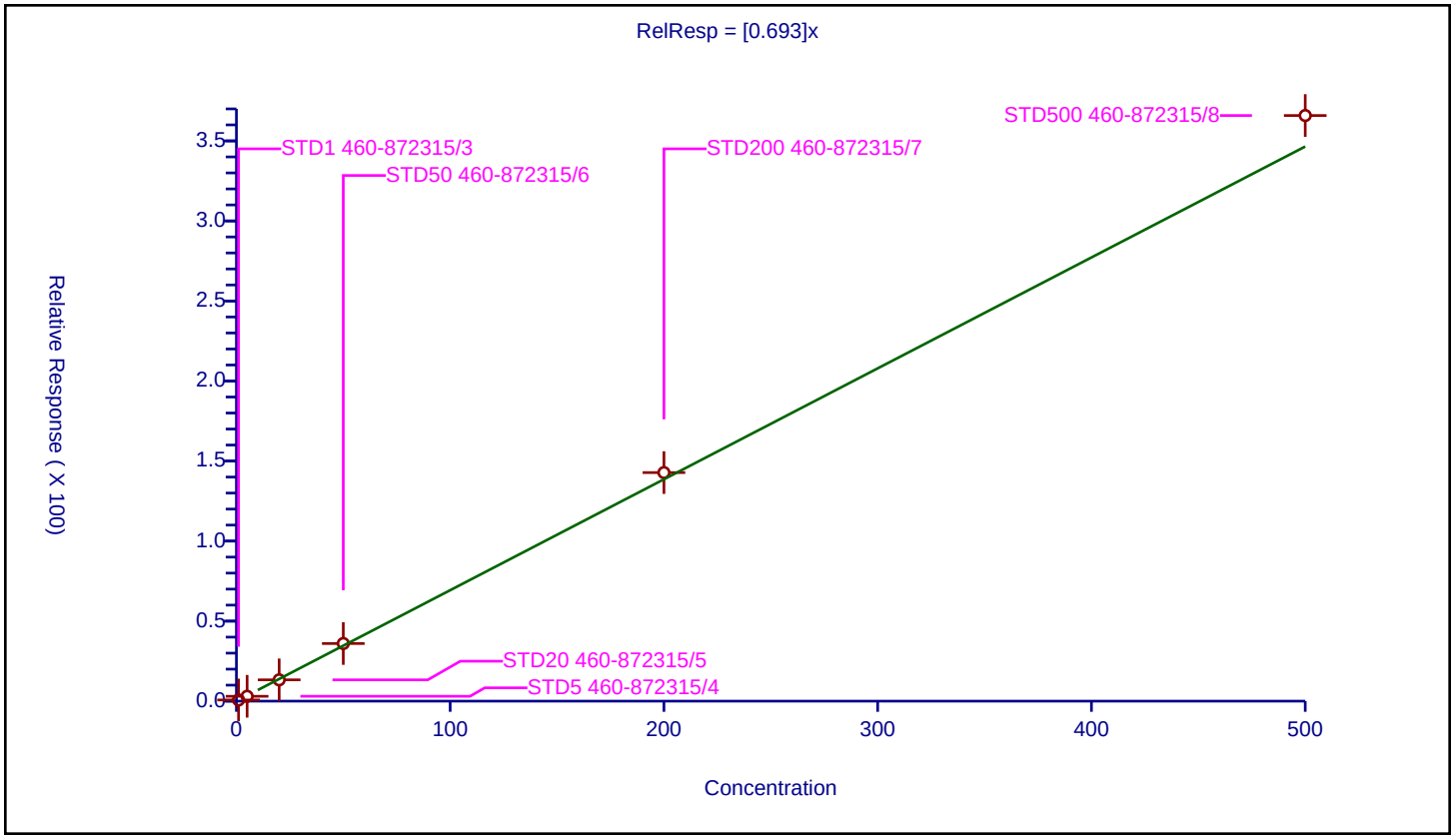
Curve Coefficients

Intercept:	0
Slope:	0.693

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	7.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.720185	50.0	365392.0	0.720185	Y
2	STD5 460-872315/4	5.0	3.032602	50.0	366385.0	0.60652	Y
3	STD20 460-872315/5	20.0	13.306732	50.0	386947.0	0.665337	Y
4	STD50 460-872315/6	50.0	36.007285	50.0	409899.0	0.720146	Y
5	STD200 460-872315/7	200.0	142.7869	50.0	520442.0	0.713935	Y
6	STD500 460-872315/8	500.0	365.854079	50.0	618292.0	0.731708	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

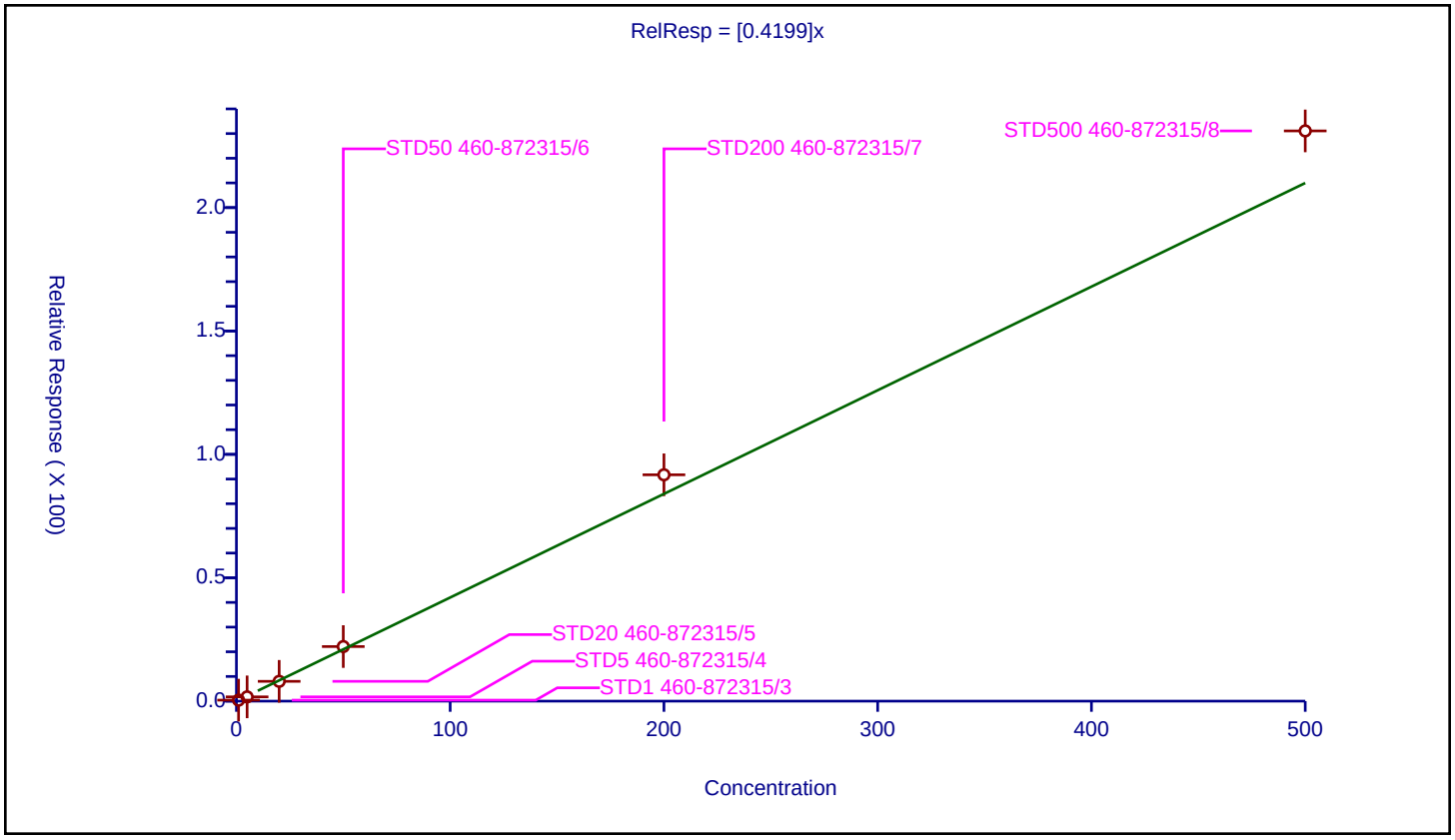
Curve Coefficients

Intercept:	0
Slope:	0.4199

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	10.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.409286	50.0	365392.0	0.409286	Y
2	STD5 460-872315/4	5.0	1.7281	50.0	366385.0	0.34562	Y
3	STD20 460-872315/5	20.0	8.029782	50.0	386947.0	0.401489	Y
4	STD50 460-872315/6	50.0	22.117156	50.0	409899.0	0.442343	Y
5	STD200 460-872315/7	200.0	91.728953	50.0	520442.0	0.458645	Y
6	STD500 460-872315/8	500.0	231.078924	50.0	618292.0	0.462158	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

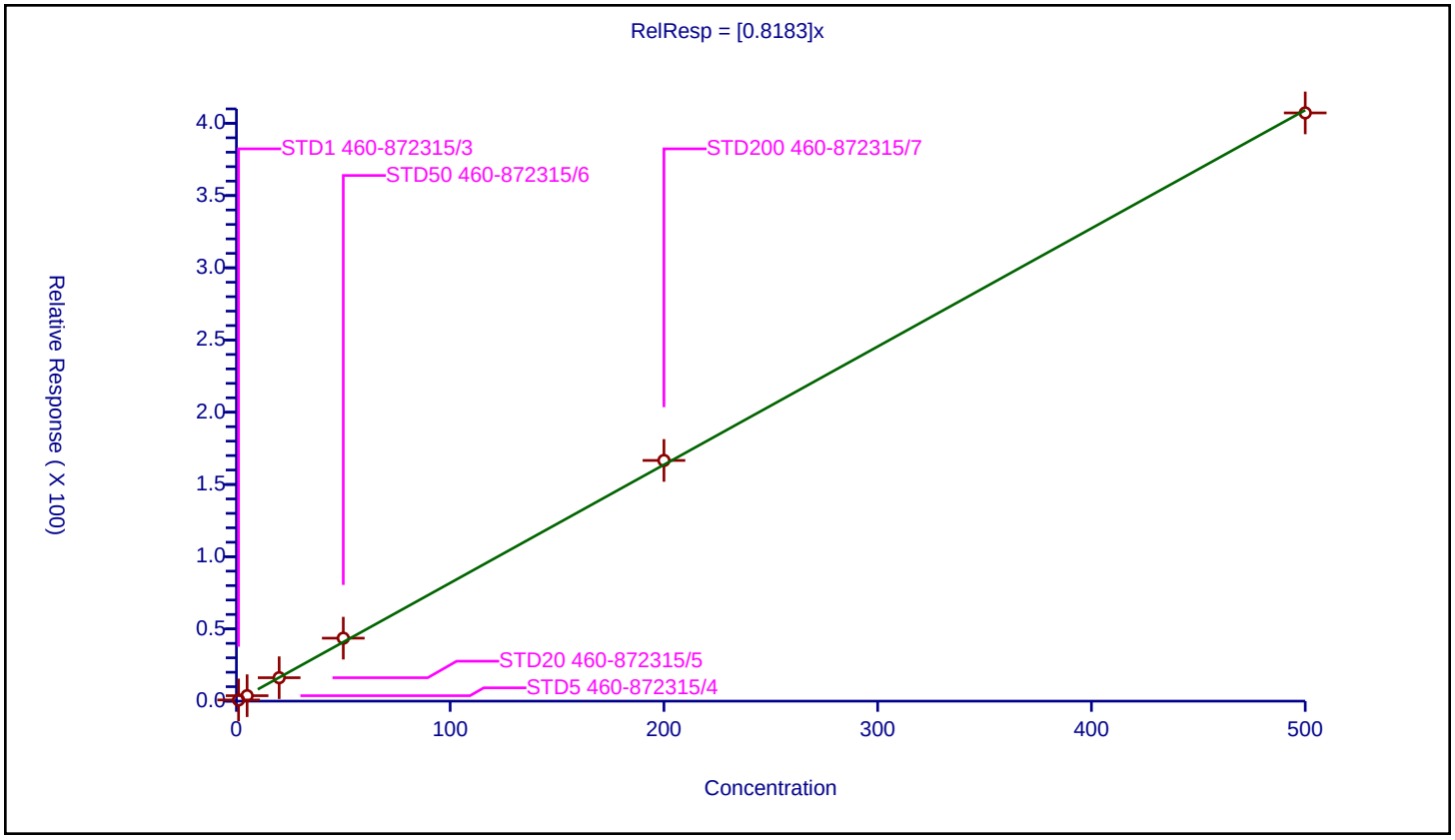
Curve Coefficients

Intercept:	0
Slope:	0.8183

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.825415	50.0	365392.0	0.825415	Y
2	STD5 460-872315/4	5.0	3.768304	50.0	366385.0	0.753661	Y
3	STD20 460-872315/5	20.0	16.222377	50.0	386947.0	0.811119	Y
4	STD50 460-872315/6	50.0	43.592202	50.0	409899.0	0.871844	Y
5	STD200 460-872315/7	200.0	166.631152	50.0	520442.0	0.833156	Y
6	STD500 460-872315/8	500.0	407.215442	50.0	618292.0	0.814431	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

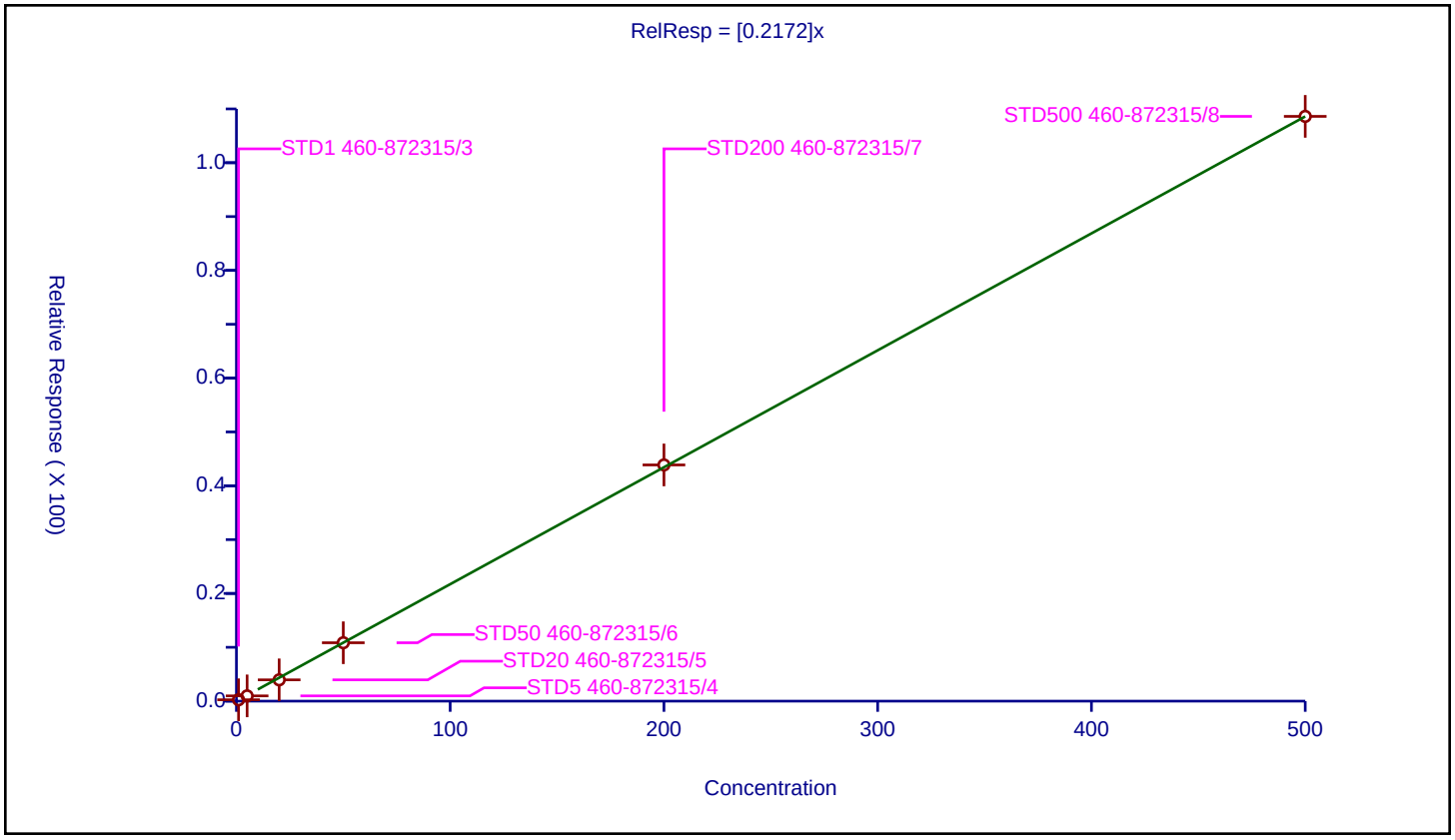
Curve Coefficients

Intercept:	0
Slope:	0.2172

Error Coefficients

Standard Error:	636000
Relative Standard Error:	10.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.256026	50.0	365392.0	0.256026	Y
2	STD5 460-872315/4	5.0	0.978888	50.0	366385.0	0.195778	Y
3	STD20 460-872315/5	20.0	3.956356	50.0	386947.0	0.197818	Y
4	STD50 460-872315/6	50.0	10.847184	50.0	409899.0	0.216944	Y
5	STD200 460-872315/7	200.0	43.868481	50.0	520442.0	0.219342	Y
6	STD500 460-872315/8	500.0	108.608473	50.0	618292.0	0.217217	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

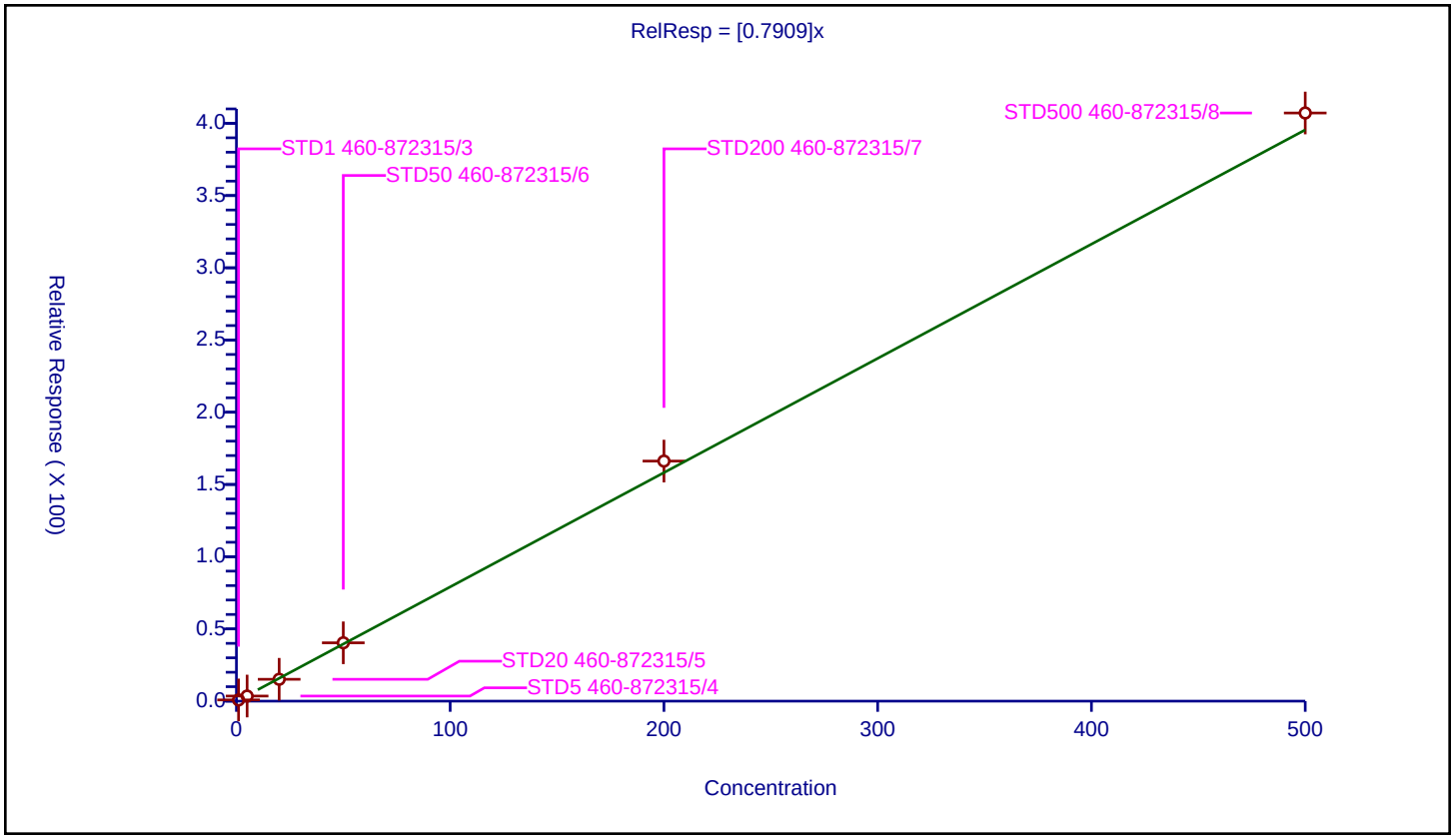
Curve Coefficients

Intercept:	0
Slope:	0.7909

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	6.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.830752	50.0	365392.0	0.830752	Y
2	STD5 460-872315/4	5.0	3.526072	50.0	366385.0	0.705214	Y
3	STD20 460-872315/5	20.0	15.129462	50.0	386947.0	0.756473	Y
4	STD50 460-872315/6	50.0	40.391779	50.0	409899.0	0.807836	Y
5	STD200 460-872315/7	200.0	166.198635	50.0	520442.0	0.830993	Y
6	STD500 460-872315/8	500.0	407.153012	50.0	618292.0	0.814306	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

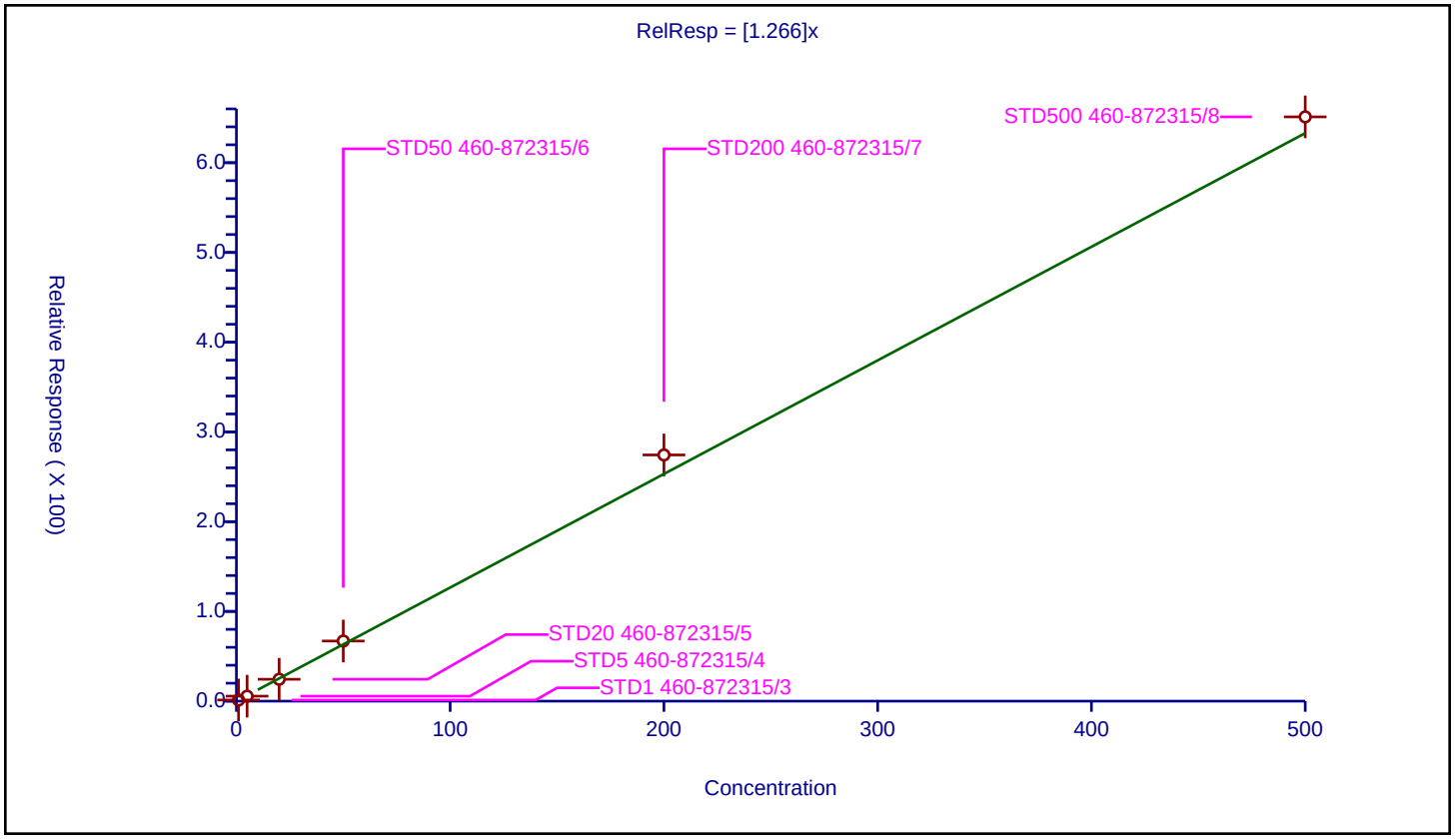
Curve Coefficients

Intercept:	0
Slope:	1.266

Error Coefficients

Standard Error:	3830000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.24948	50.0	365392.0	1.24948	Y
2	STD5 460-872315/4	5.0	5.561363	50.0	366385.0	1.112273	Y
3	STD20 460-872315/5	20.0	24.381375	50.0	386947.0	1.219069	Y
4	STD50 460-872315/6	50.0	67.005165	50.0	409899.0	1.340103	Y
5	STD200 460-872315/7	200.0	274.346325	50.0	520442.0	1.371732	Y
6	STD500 460-872315/8	500.0	651.092445	50.0	618292.0	1.302185	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

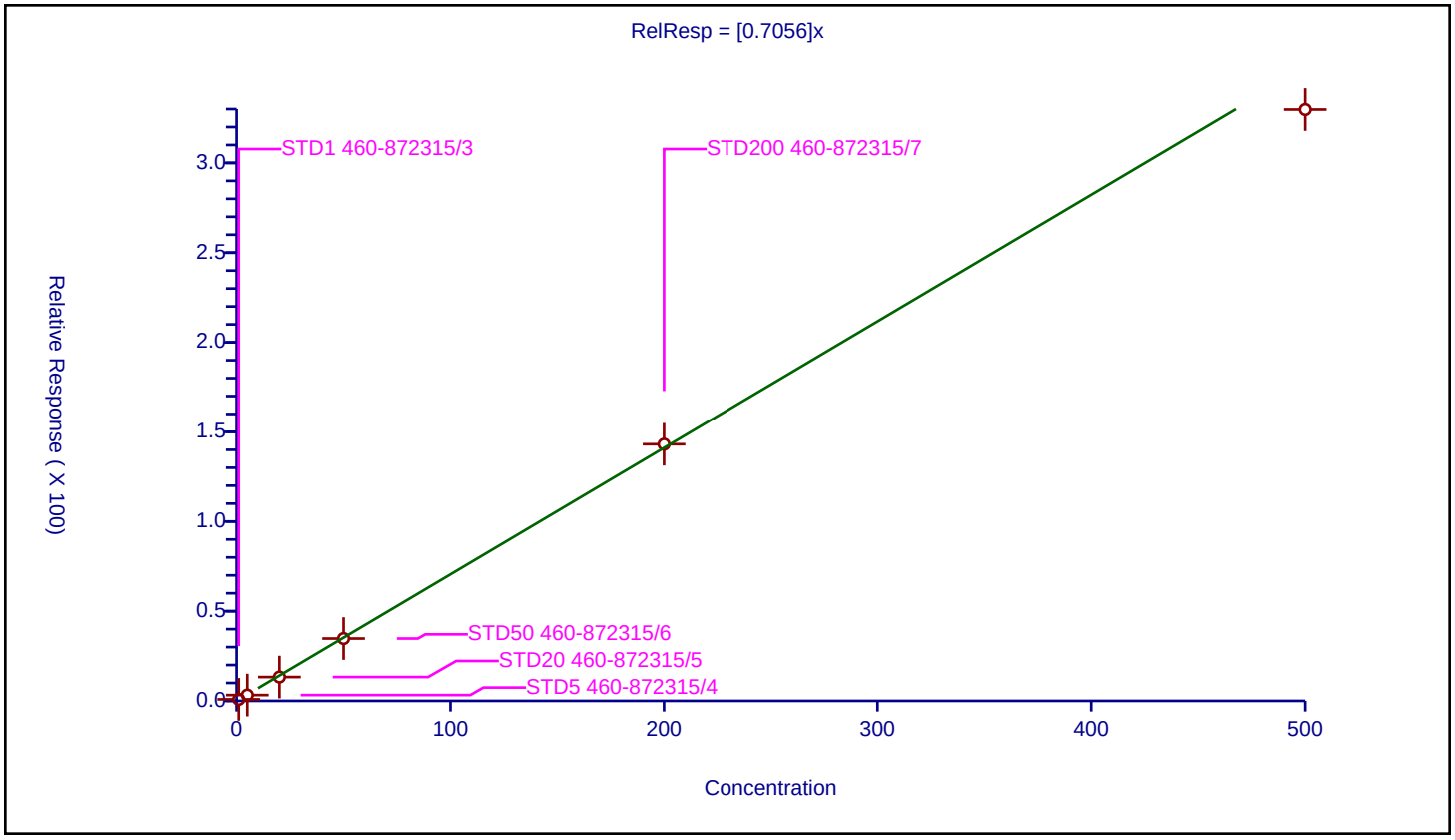
Curve Coefficients

Intercept:	0
Slope:	0.7056

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.85056	50.0	189581.0	0.85056	Y
2	STD5 460-872315/4	5.0	3.24033	50.0	189564.0	0.648066	Y
3	STD20 460-872315/5	20.0	13.289726	50.0	207303.0	0.664486	Y
4	STD50 460-872315/6	50.0	34.76933	50.0	226904.0	0.695387	Y
5	STD200 460-872315/7	200.0	143.131951	50.0	272268.0	0.71566	Y
6	STD500 460-872315/8	500.0	329.7539	50.0	321536.0	0.659508	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

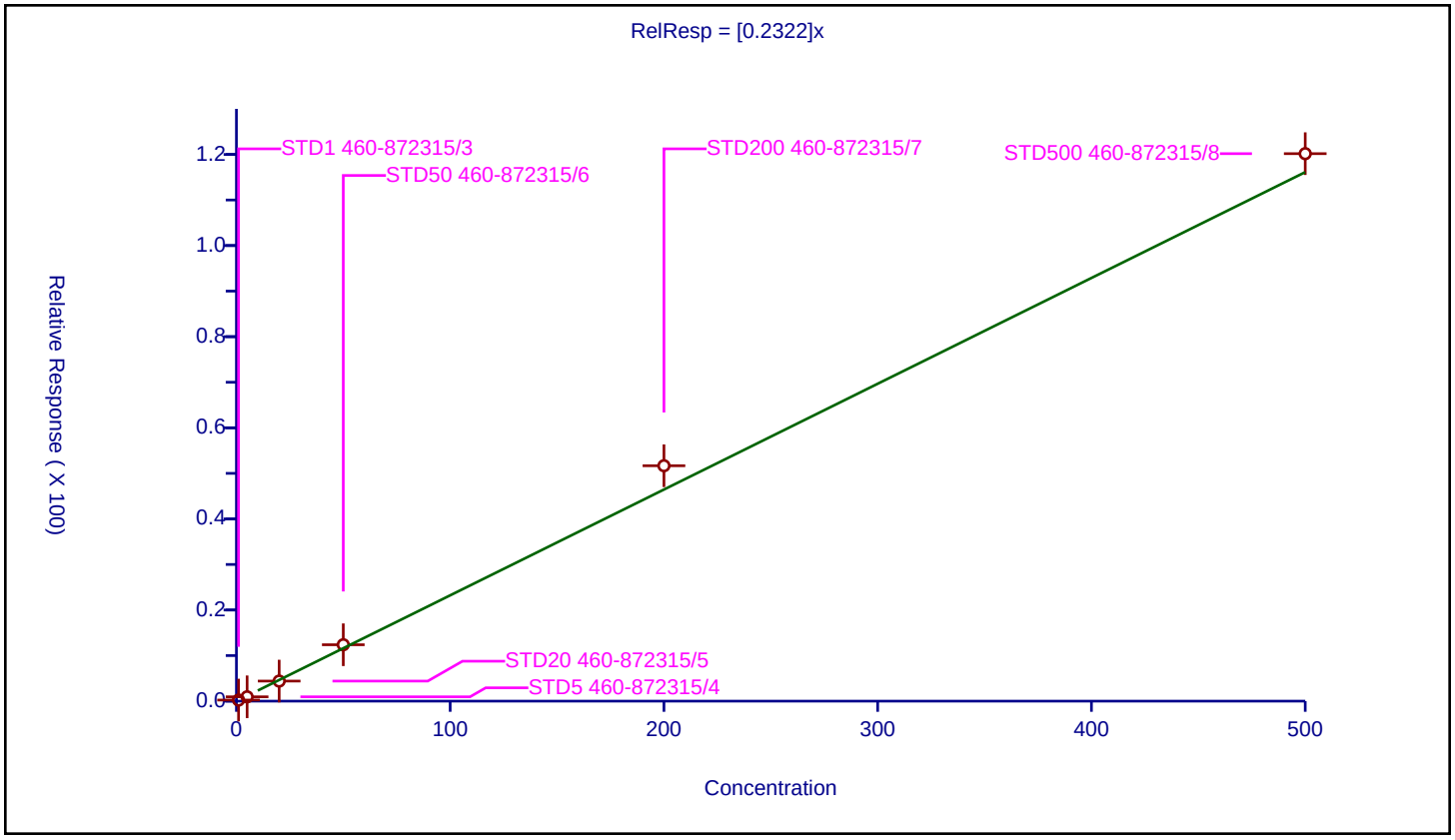
Curve Coefficients

Intercept:	0
Slope:	0.2322

Error Coefficients

Standard Error:	708000
Relative Standard Error:	10.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.236595	50.0	365392.0	0.236595	Y
2	STD5 460-872315/4	5.0	0.950776	50.0	366385.0	0.190155	Y
3	STD20 460-872315/5	20.0	4.403962	50.0	386947.0	0.220198	Y
4	STD50 460-872315/6	50.0	12.381831	50.0	409899.0	0.247637	Y
5	STD200 460-872315/7	200.0	51.671752	50.0	520442.0	0.258359	Y
6	STD500 460-872315/8	500.0	120.173801	50.0	618292.0	0.240348	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

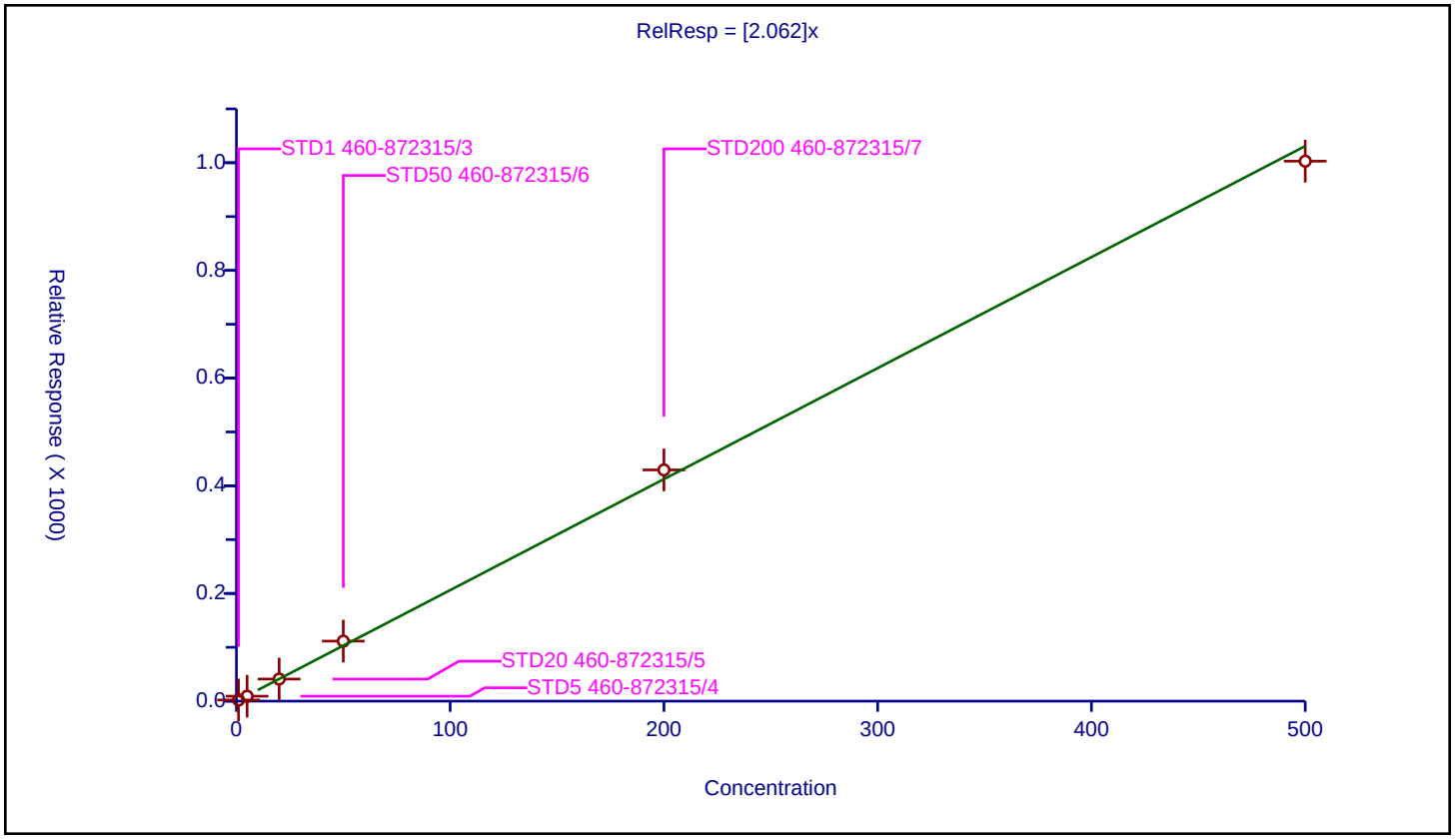
Curve Coefficients

Intercept:	0
Slope:	2.062

Error Coefficients

Standard Error:	5910000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	2.094052	50.0	365392.0	2.094052	Y
2	STD5 460-872315/4	5.0	9.210393	50.0	366385.0	1.842079	Y
3	STD20 460-872315/5	20.0	41.049549	50.0	386947.0	2.052477	Y
4	STD50 460-872315/6	50.0	111.456725	50.0	409899.0	2.229134	Y
5	STD200 460-872315/7	200.0	429.481191	50.0	520442.0	2.147406	Y
6	STD500 460-872315/8	500.0	1002.912621	50.0	618292.0	2.005825	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

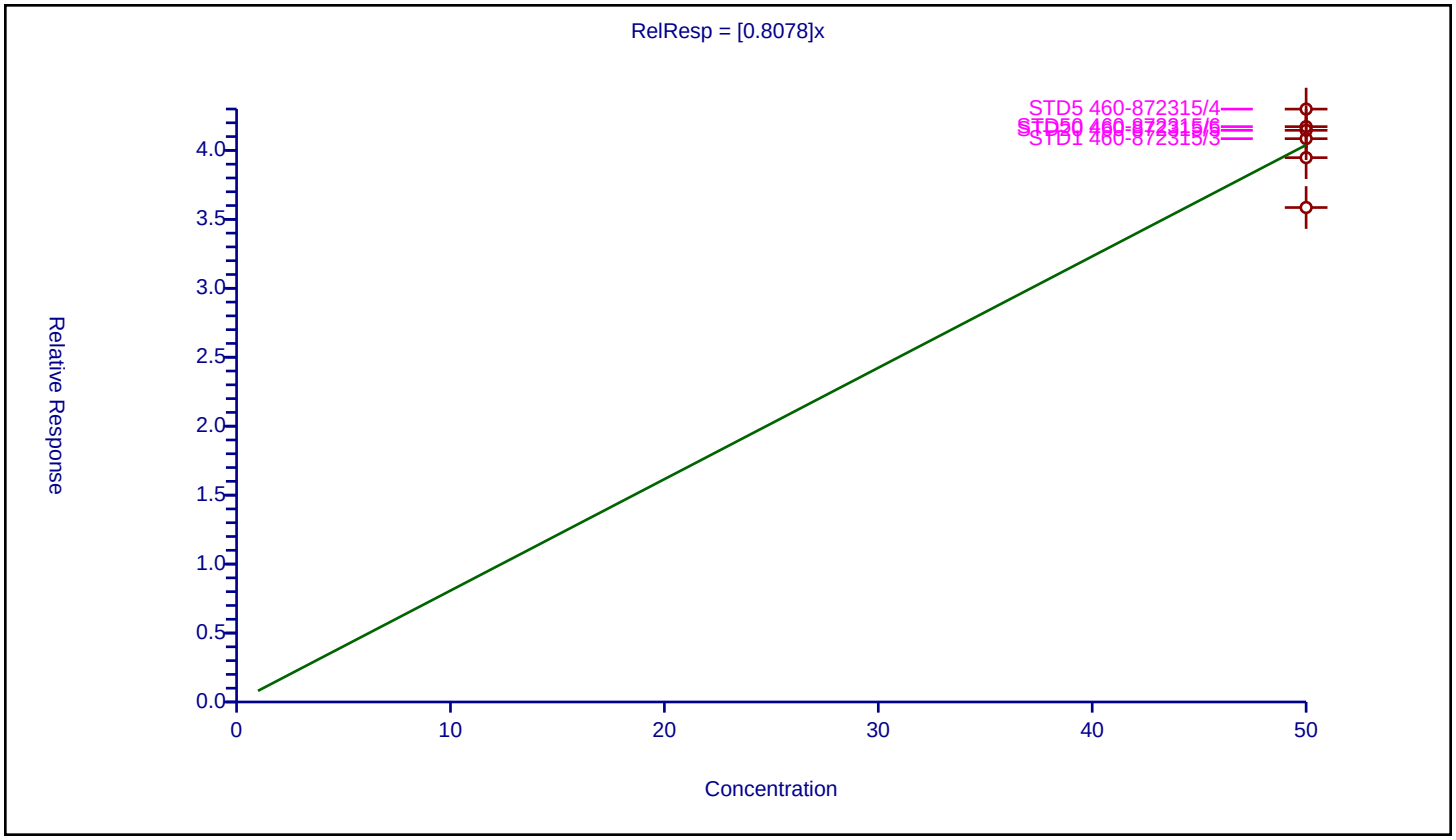
Curve Coefficients

Intercept:	0
Slope:	0.8078

Error Coefficients

Standard Error:	207000
Relative Standard Error:	6.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	50.0	40.848766	50.0	189581.0	0.816975	Y
2	STD5 460-872315/4	50.0	42.993395	50.0	189564.0	0.859868	Y
3	STD20 460-872315/5	50.0	41.454538	50.0	207303.0	0.829091	Y
4	STD50 460-872315/6	50.0	41.722491	50.0	226904.0	0.83445	Y
5	STD200 460-872315/7	50.0	39.472321	50.0	272268.0	0.789446	Y
6	STD500 460-872315/8	50.0	35.856949	50.0	321536.0	0.717139	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

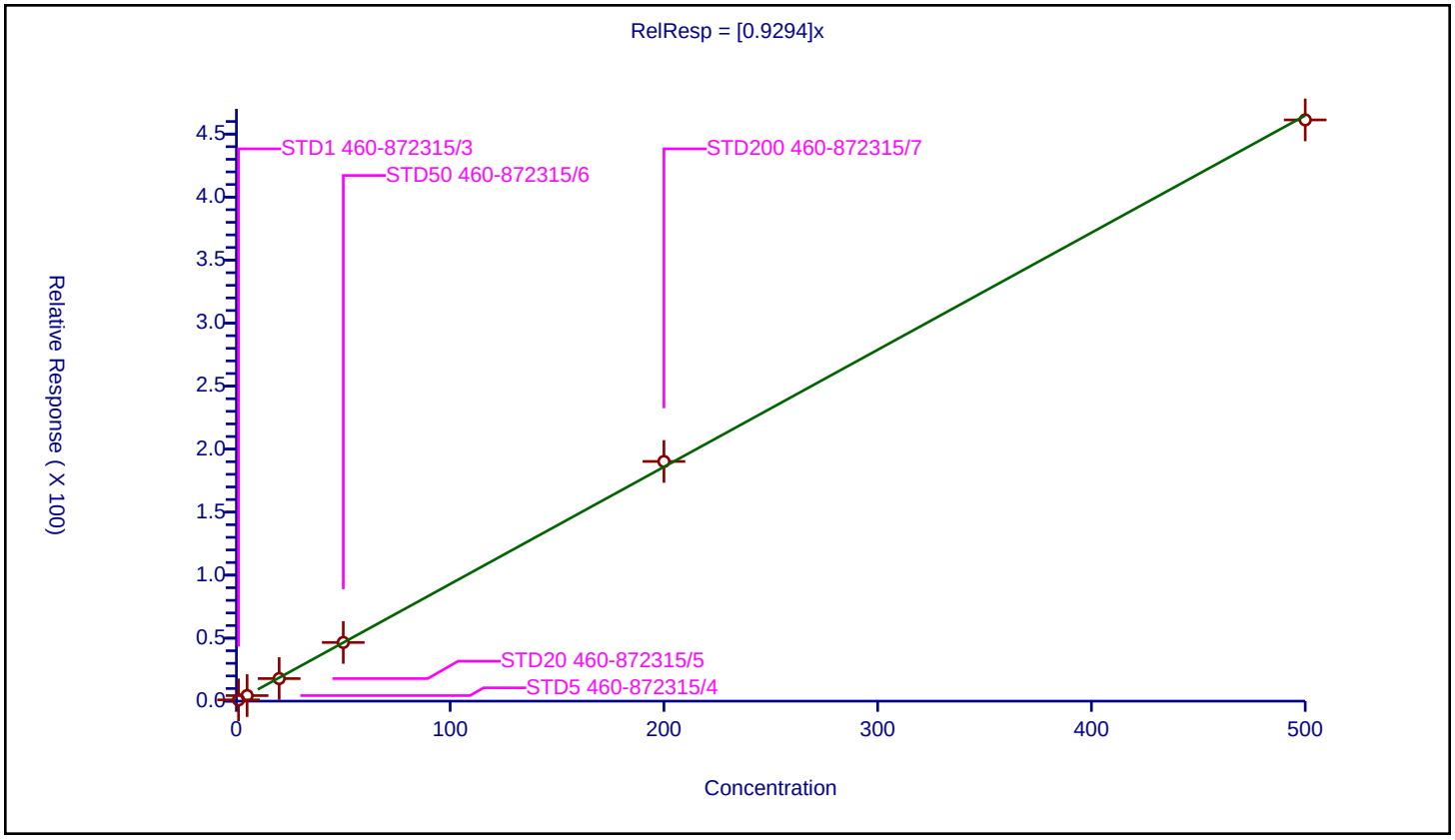
Curve Coefficients

Intercept:	0
Slope:	0.9294

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.99377	50.0	189581.0	0.99377	Y
2	STD5 460-872315/4	5.0	4.40801	50.0	189564.0	0.881602	Y
3	STD20 460-872315/5	20.0	17.915563	50.0	207303.0	0.895778	Y
4	STD50 460-872315/6	50.0	46.580272	50.0	226904.0	0.931605	Y
5	STD200 460-872315/7	200.0	190.226541	50.0	272268.0	0.951133	Y
6	STD500 460-872315/8	500.0	461.258459	50.0	321536.0	0.922517	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

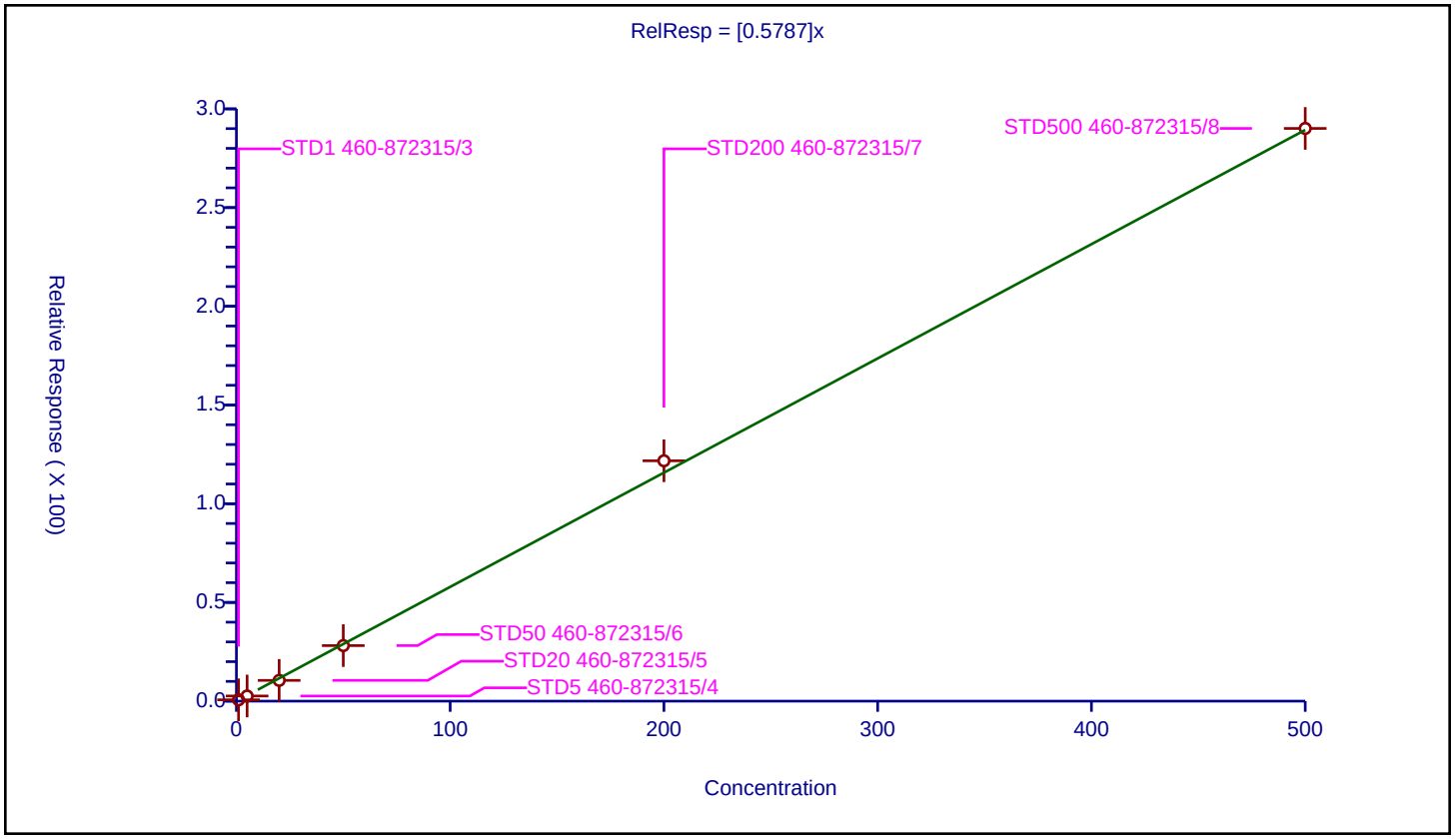
Curve Coefficients

Intercept:	0
Slope:	0.5787

Error Coefficients

Standard Error:	887000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.673591	50.0	189581.0	0.673591	Y
2	STD5 460-872315/4	5.0	2.604397	50.0	189564.0	0.520879	Y
3	STD20 460-872315/5	20.0	10.517696	50.0	207303.0	0.525885	Y
4	STD50 460-872315/6	50.0	28.135467	50.0	226904.0	0.562709	Y
5	STD200 460-872315/7	200.0	121.751363	50.0	272268.0	0.608757	Y
6	STD500 460-872315/8	500.0	290.097998	50.0	321536.0	0.580196	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

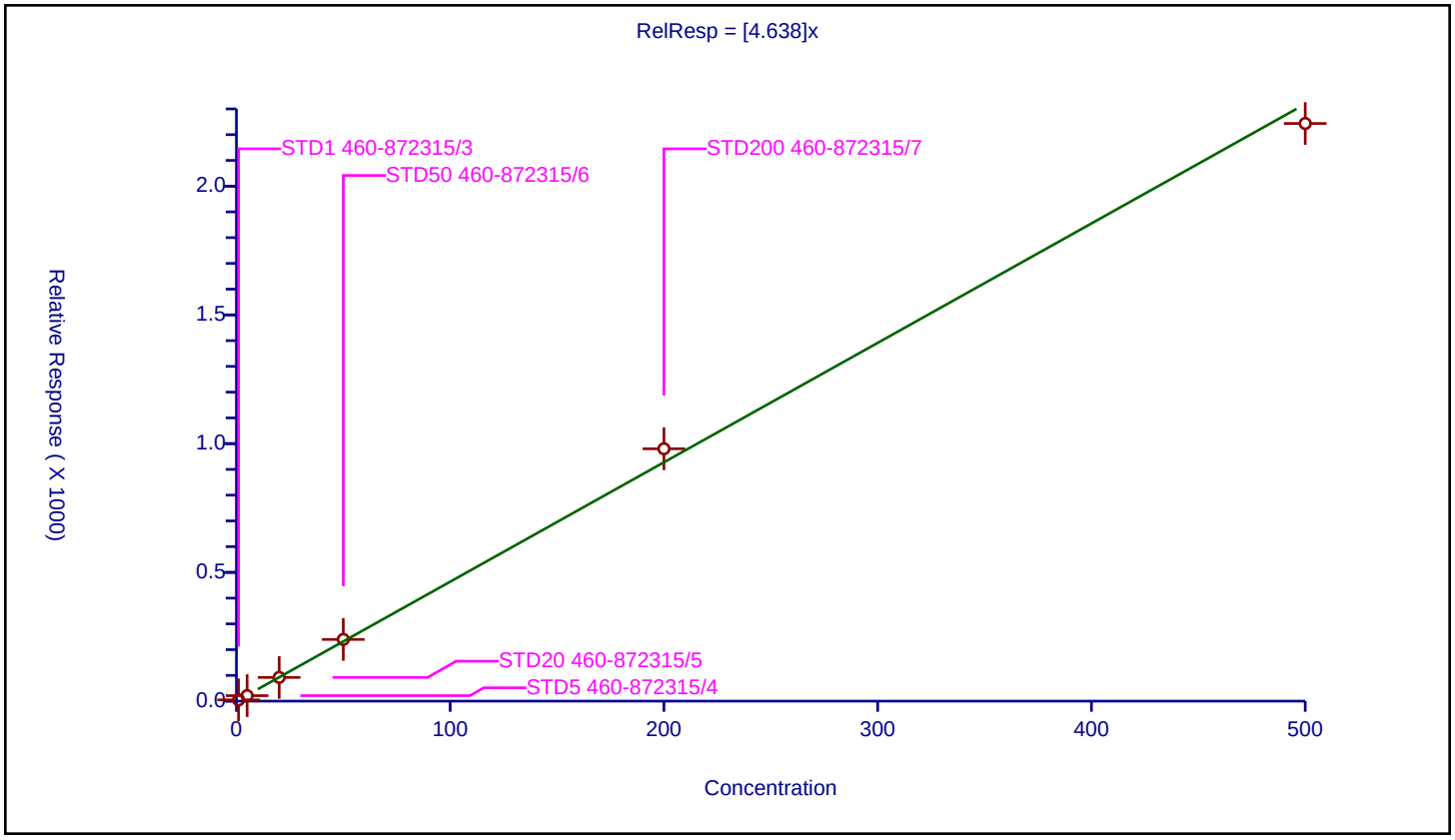
Curve Coefficients

Intercept:	0
Slope:	4.638

Error Coefficients

Standard Error:	6900000
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	STD1 460-872315/3	1.0	4.787136	50.0	189581.0	4.787136	Y
2	STD5 460-872315/4	5.0	21.268015	50.0	189564.0	4.253603	Y
3	STD20 460-872315/5	20.0	92.153032	50.0	207303.0	4.607652	Y
4	STD50 460-872315/6	50.0	239.562546	50.0	226904.0	4.791251	Y
5	STD200 460-872315/7	200.0	980.099938	50.0	272268.0	4.9005	Y
6	STD500 460-872315/8	500.0	2243.286755	50.0	321536.0	4.486574	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

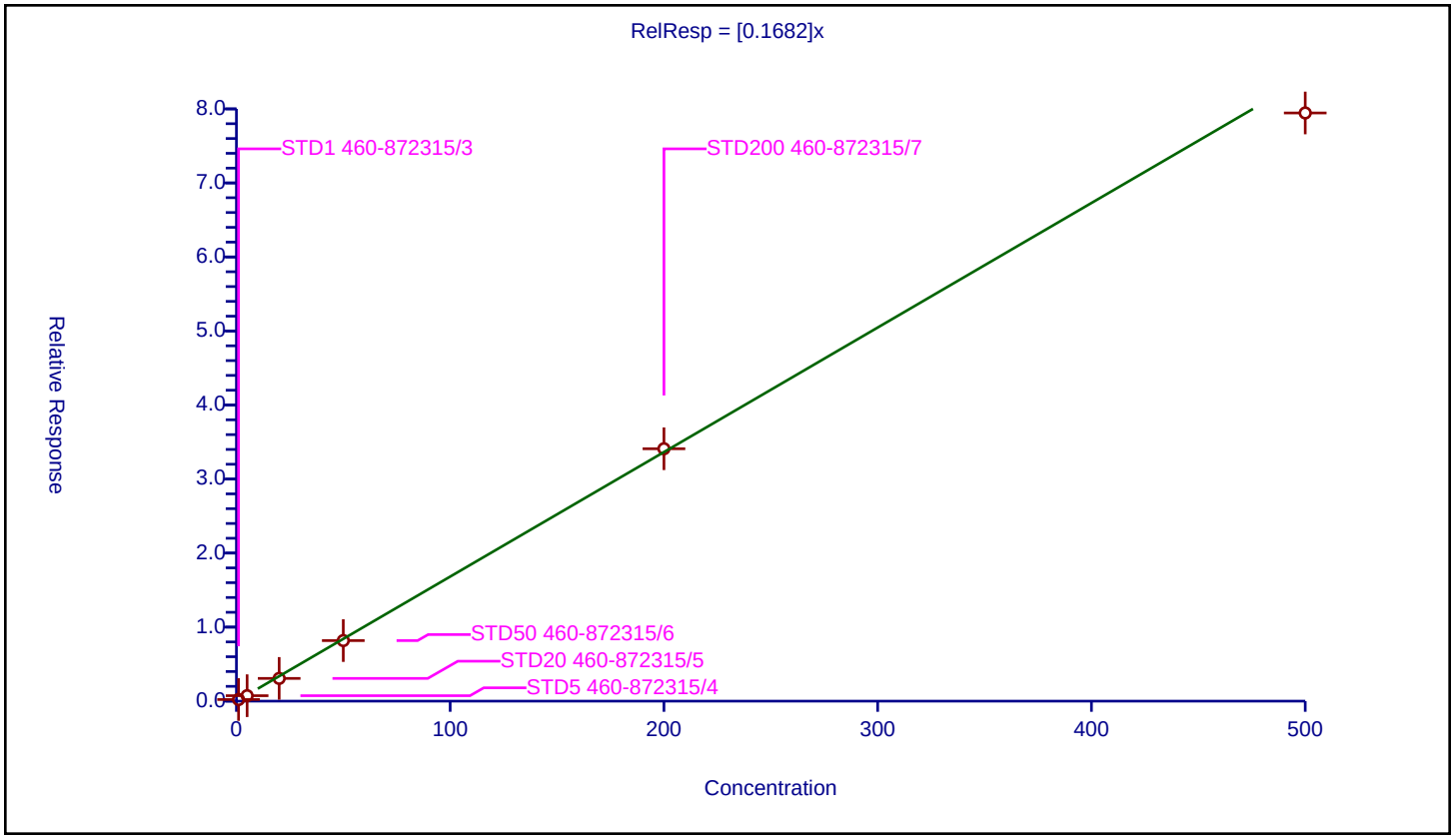
Curve Coefficients

Intercept:	0
Slope:	0.1682

Error Coefficients

Standard Error:	244000
Relative Standard Error:	14.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.216003	50.0	189581.0	0.216003	Y
2	STD5 460-872315/4	5.0	0.734053	50.0	189564.0	0.146811	Y
3	STD20 460-872315/5	20.0	3.070385	50.0	207303.0	0.153519	Y
4	STD50 460-872315/6	50.0	8.180552	50.0	226904.0	0.163611	Y
5	STD200 460-872315/7	200.0	34.094716	50.0	272268.0	0.170474	Y
6	STD500 460-872315/8	500.0	79.449269	50.0	321536.0	0.158899	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

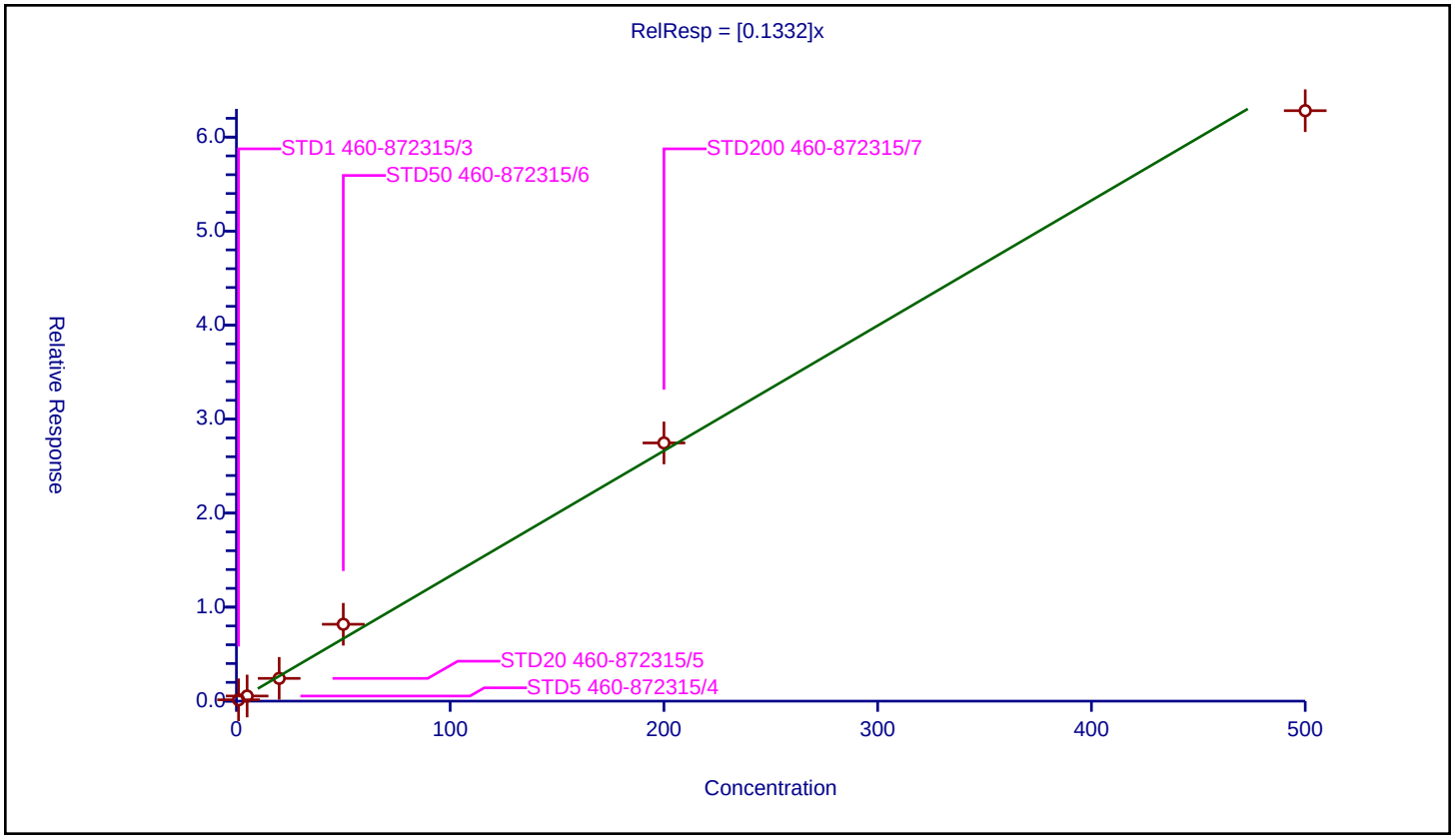
Curve Coefficients

Intercept:	0
Slope:	0.1332

Error Coefficients

Standard Error:	193000
Relative Standard Error:	14.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.142156	50.0	189581.0	0.142156	Y
2	STD5 460-872315/4	5.0	0.54599	50.0	189564.0	0.109198	Y
3	STD20 460-872315/5	20.0	2.421576	50.0	207303.0	0.121079	Y
4	STD50 460-872315/6	50.0	8.177026	50.0	226904.0	0.163541	Y
5	STD200 460-872315/7	200.0	27.465585	50.0	272268.0	0.137328	Y
6	STD500 460-872315/8	500.0	62.81023	50.0	321536.0	0.12562	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

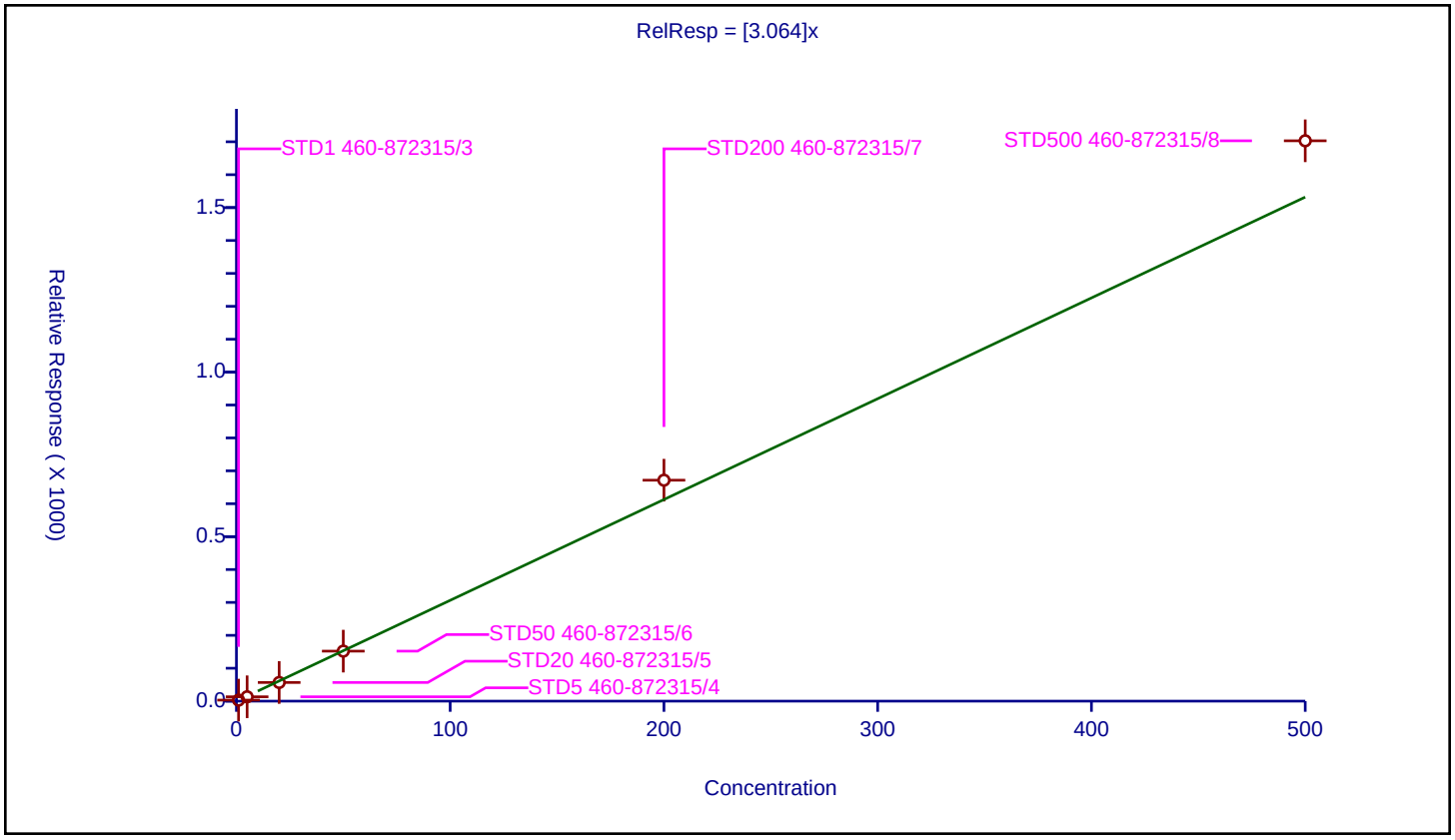
Curve Coefficients

Intercept:	0
Slope:	3.064

Error Coefficients

Standard Error:	5170000
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	STD1 460-872315/3	1.0	3.097357	50.0	189581.0	3.097357	Y
2	STD5 460-872315/4	5.0	13.245922	50.0	189564.0	2.649184	Y
3	STD20 460-872315/5	20.0	56.665847	50.0	207303.0	2.833292	Y
4	STD50 460-872315/6	50.0	151.992473	50.0	226904.0	3.039849	Y
5	STD200 460-872315/7	200.0	671.476633	50.0	272268.0	3.357383	Y
6	STD500 460-872315/8	500.0	1703.061088	50.0	321536.0	3.406122	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

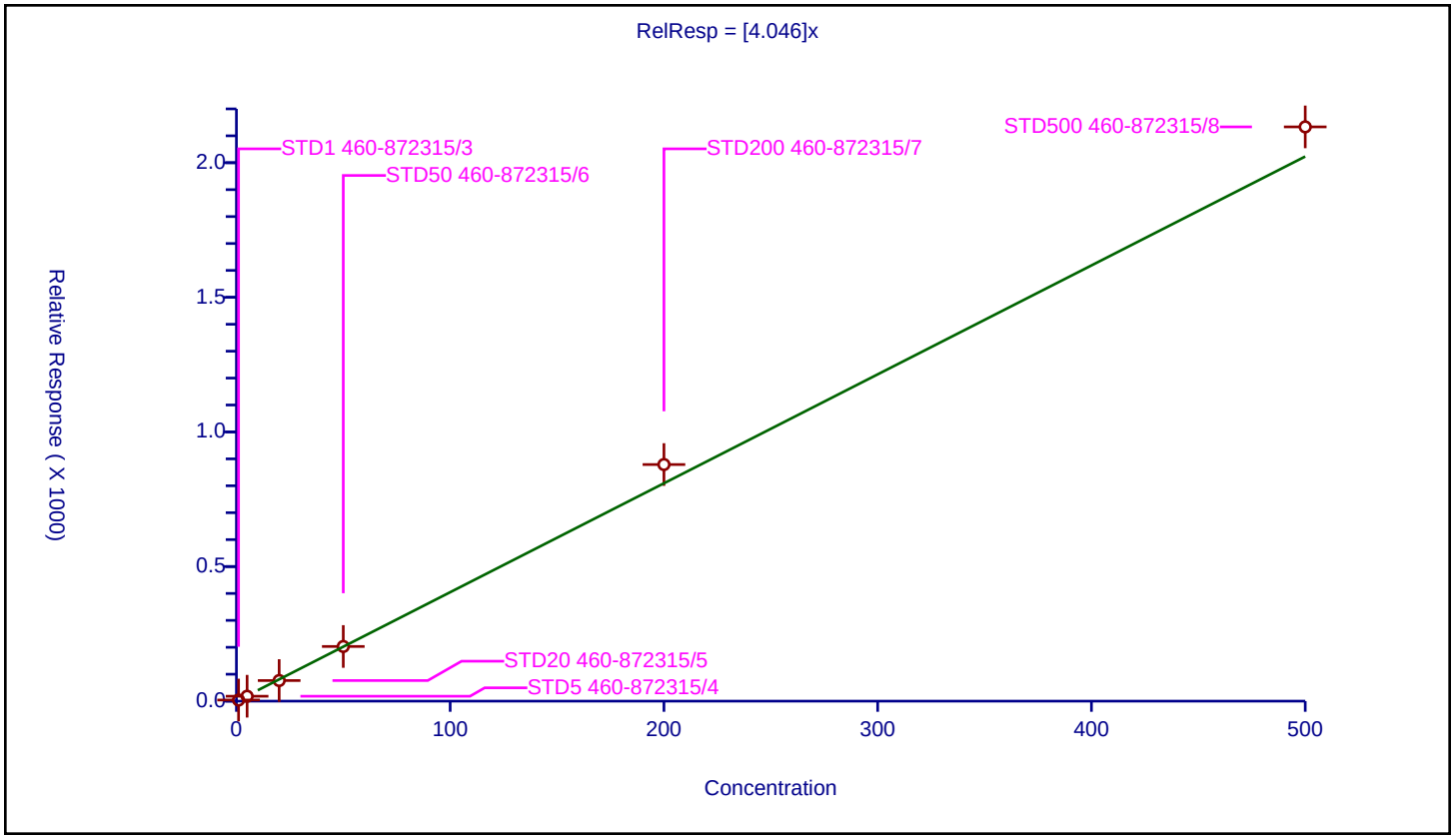
Curve Coefficients

Intercept:	0
Slope:	4.046

Error Coefficients

Standard Error:	6510000
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	STD1 460-872315/3	1.0	4.086907	50.0	189581.0	4.086907	Y
2	STD5 460-872315/4	5.0	18.216011	50.0	189564.0	3.643202	Y
3	STD20 460-872315/5	20.0	76.52253	50.0	207303.0	3.826126	Y
4	STD50 460-872315/6	50.0	203.037188	50.0	226904.0	4.060744	Y
5	STD200 460-872315/7	200.0	878.907914	50.0	272268.0	4.39454	Y
6	STD500 460-872315/8	500.0	2133.092095	50.0	321536.0	4.266184	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

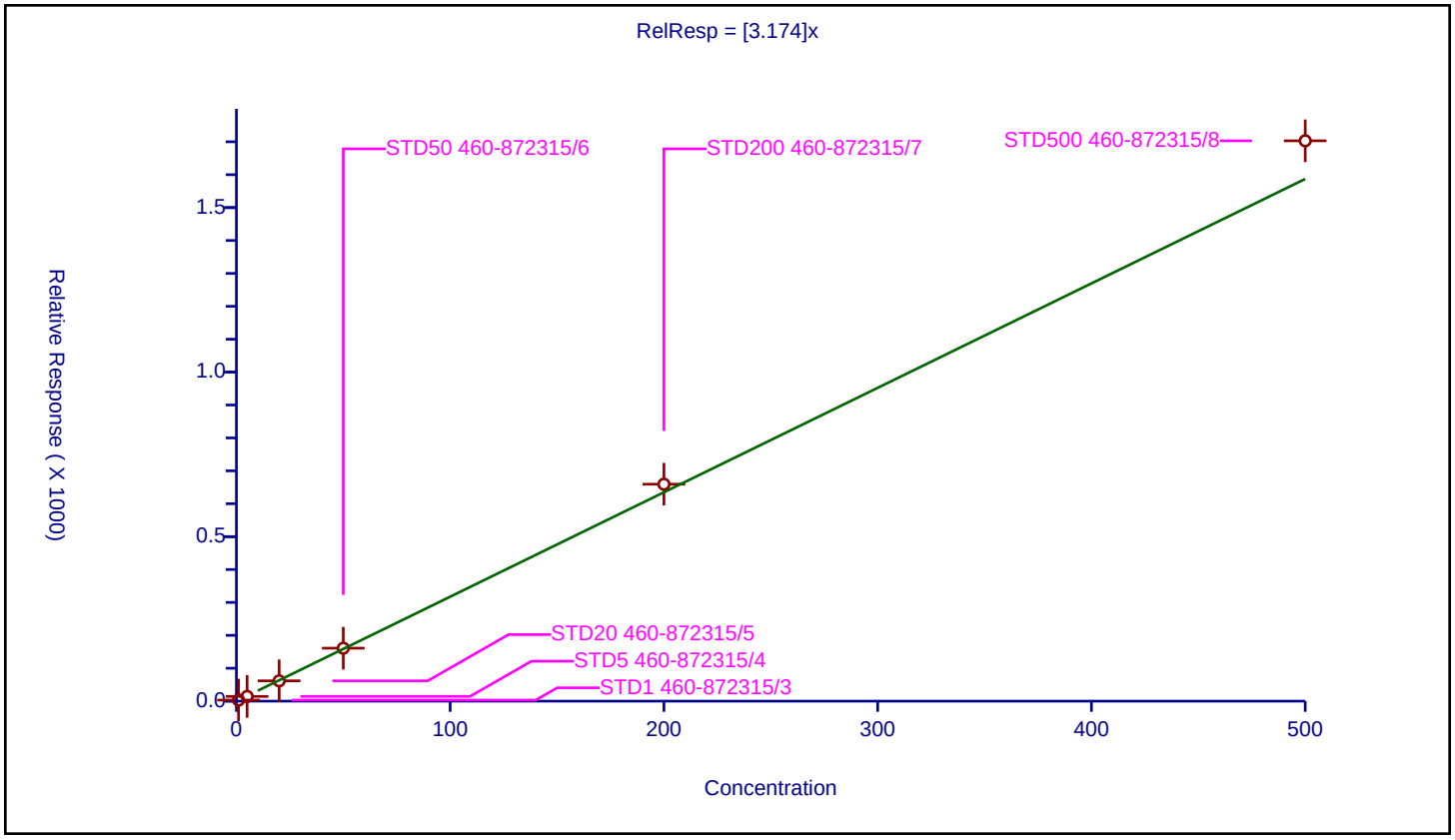
Curve Coefficients

Intercept:	0
Slope:	3.174

Error Coefficients

Standard Error:	5170000
Relative Standard Error:	5.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	3.159599	50.0	189581.0	3.159599	Y
2	STD5 460-872315/4	5.0	14.389072	50.0	189564.0	2.877814	Y
3	STD20 460-872315/5	20.0	61.698335	50.0	207303.0	3.084917	Y
4	STD50 460-872315/6	50.0	160.945378	50.0	226904.0	3.218908	Y
5	STD200 460-872315/7	200.0	659.340429	50.0	272268.0	3.296702	Y
6	STD500 460-872315/8	500.0	1703.009616	50.0	321536.0	3.406019	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

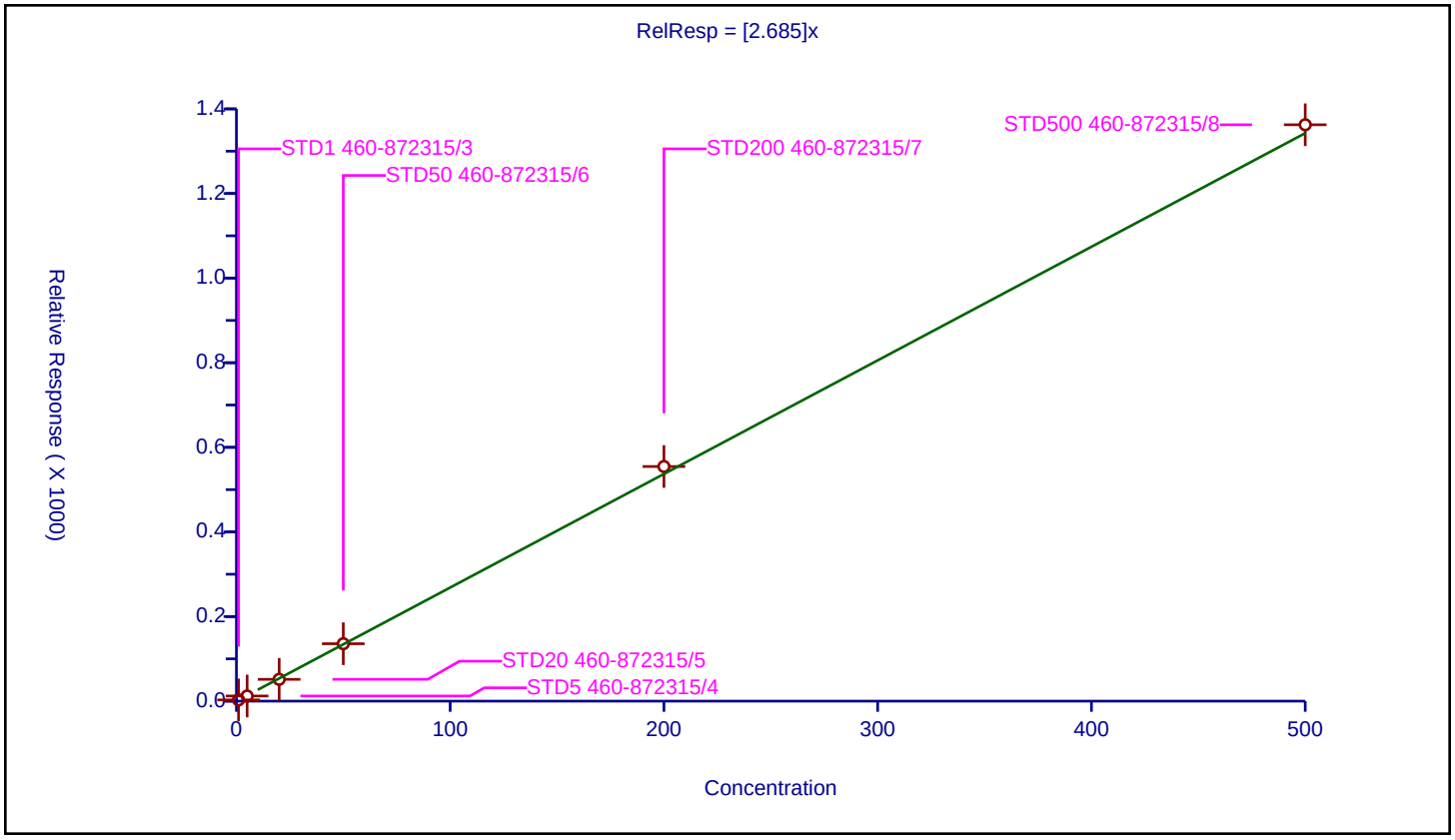
Curve Coefficients

Intercept:	0
Slope:	2.685

Error Coefficients

Standard Error:	4150000
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	STD1 460-872315/3	1.0	2.890585	50.0	189581.0	2.890585	Y
2	STD5 460-872315/4	5.0	12.159746	50.0	189564.0	2.431949	Y
3	STD20 460-872315/5	20.0	51.522168	50.0	207303.0	2.576108	Y
4	STD50 460-872315/6	50.0	135.696153	50.0	226904.0	2.713923	Y
5	STD200 460-872315/7	200.0	554.612551	50.0	272268.0	2.773063	Y
6	STD500 460-872315/8	500.0	1362.50451	50.0	321536.0	2.725009	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

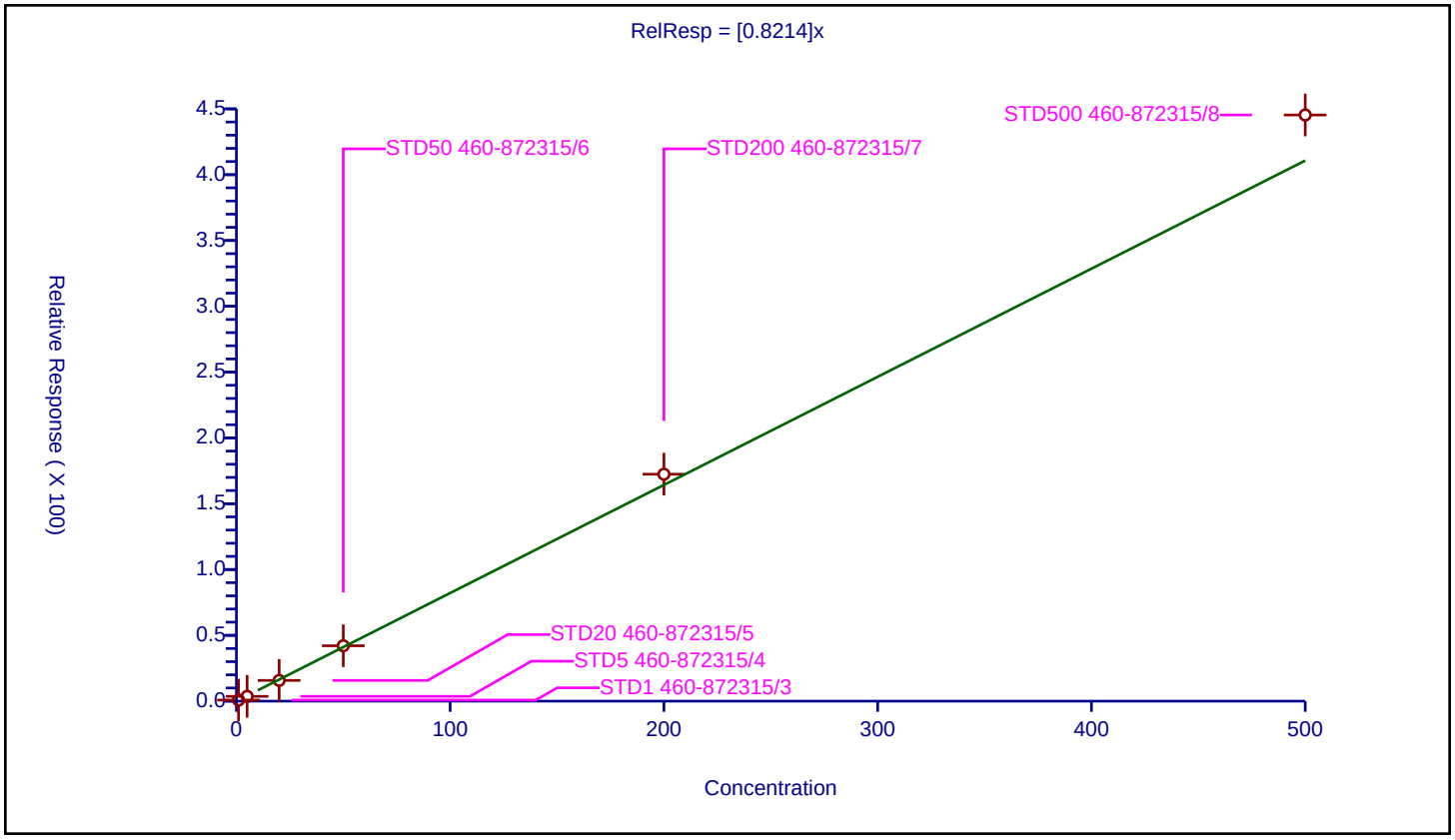
Curve Coefficients

Intercept:	0
Slope:	0.8214

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	7.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.817856	50.0	189581.0	0.817856	Y
2	STD5 460-872315/4	5.0	3.644416	50.0	189564.0	0.728883	Y
3	STD20 460-872315/5	20.0	15.748204	50.0	207303.0	0.78741	Y
4	STD50 460-872315/6	50.0	42.074622	50.0	226904.0	0.841492	Y
5	STD200 460-872315/7	200.0	172.436349	50.0	272268.0	0.862182	Y
6	STD500 460-872315/8	500.0	445.371747	50.0	321536.0	0.890743	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

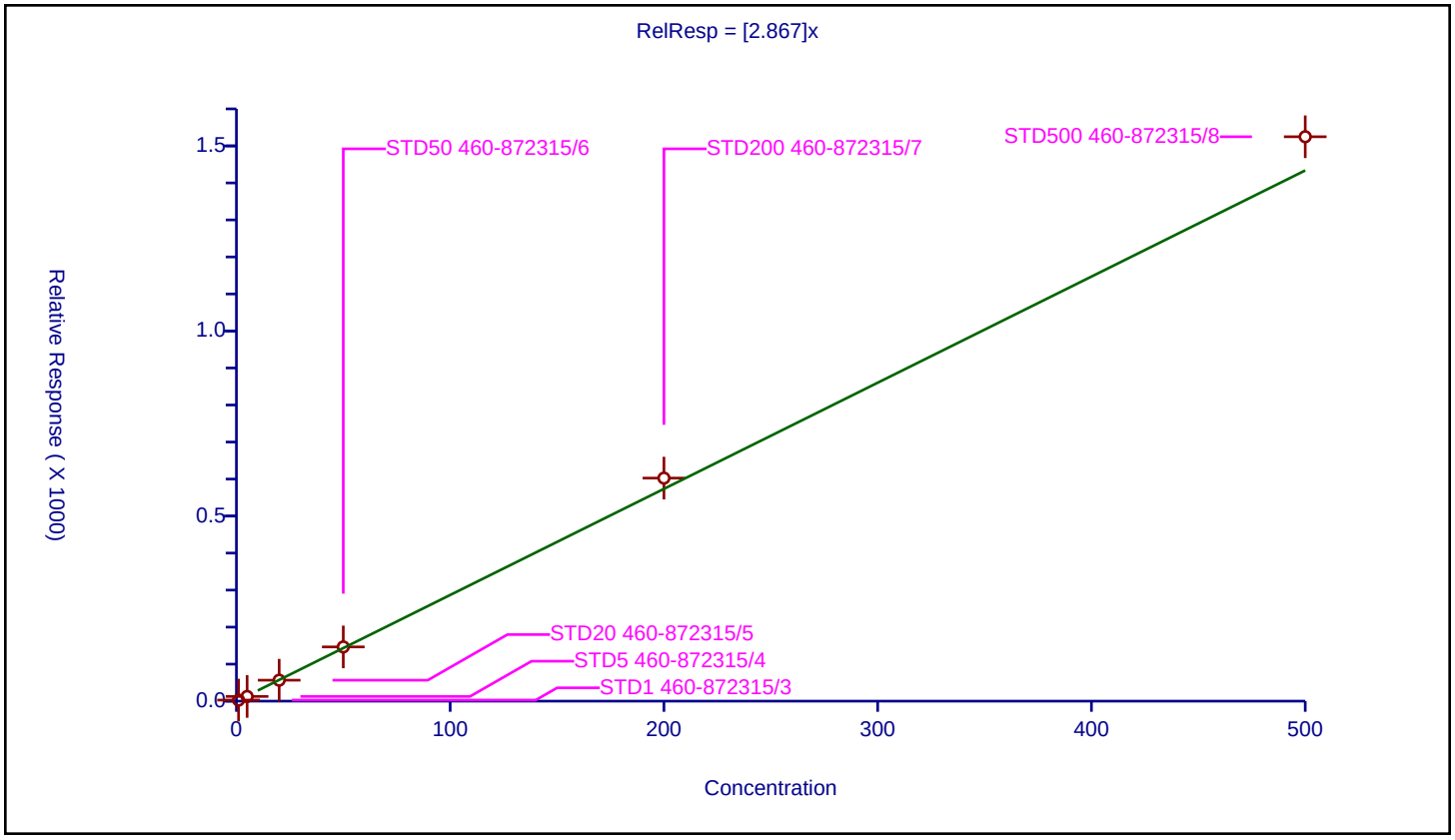
Curve Coefficients

Intercept:	0
Slope:	2.867

Error Coefficients

Standard Error:	4630000
Relative Standard Error:	6.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	2.849969	50.0	189581.0	2.849969	Y
2	STD5 460-872315/4	5.0	12.671182	50.0	189564.0	2.534236	Y
3	STD20 460-872315/5	20.0	56.564787	50.0	207303.0	2.828239	Y
4	STD50 460-872315/6	50.0	146.474941	50.0	226904.0	2.929499	Y
5	STD200 460-872315/7	200.0	602.54345	50.0	272268.0	3.012717	Y
6	STD500 460-872315/8	500.0	1524.755393	50.0	321536.0	3.049511	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

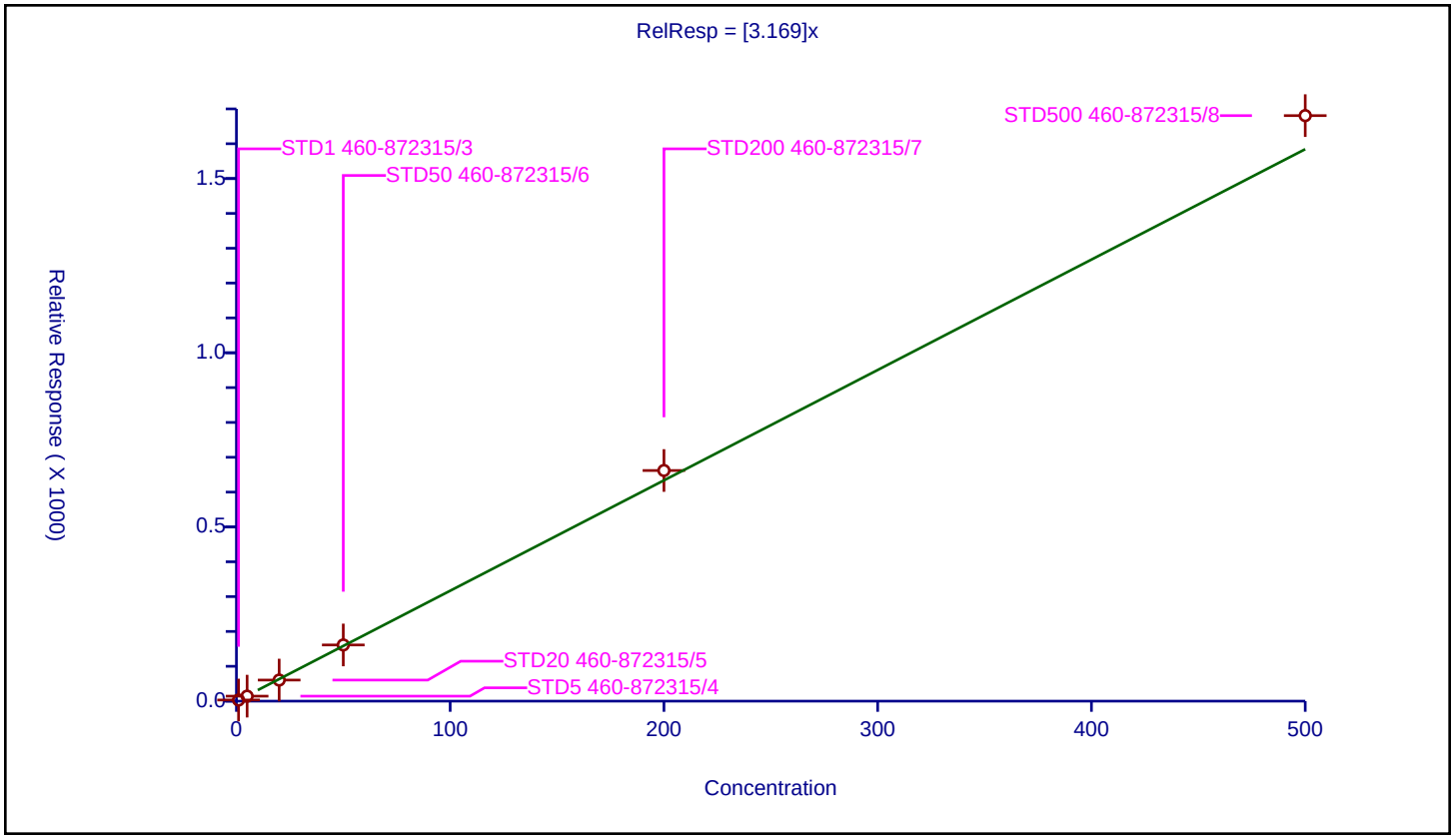
Curve Coefficients

Intercept:	0
Slope:	3.169

Error Coefficients

Standard Error:	5110000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	3.220787	50.0	189581.0	3.220787	Y
2	STD5 460-872315/4	5.0	14.349771	50.0	189564.0	2.869954	Y
3	STD20 460-872315/5	20.0	60.475005	50.0	207303.0	3.02375	Y
4	STD50 460-872315/6	50.0	161.288254	50.0	226904.0	3.225765	Y
5	STD200 460-872315/7	200.0	662.019224	50.0	272268.0	3.310096	Y
6	STD500 460-872315/8	500.0	1680.662818	50.0	321536.0	3.361326	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

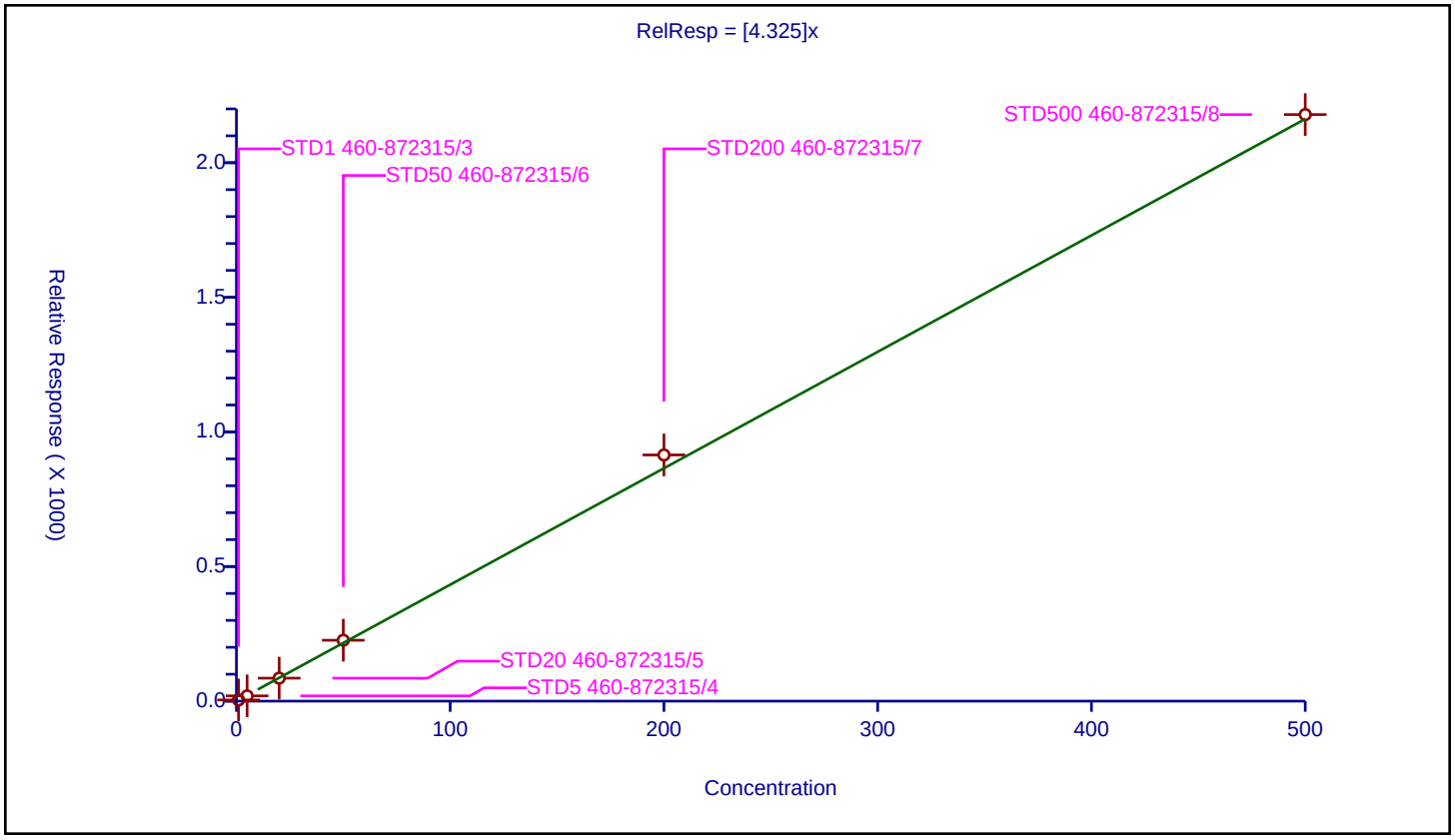
Curve Coefficients

Intercept:	0
Slope:	4.325

Error Coefficients

Standard Error:	6670000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	4.327965	50.0	189581.0	4.327965	Y
2	STD5 460-872315/4	5.0	19.498955	50.0	189564.0	3.899791	Y
3	STD20 460-872315/5	20.0	85.369966	50.0	207303.0	4.268498	Y
4	STD50 460-872315/6	50.0	226.213068	50.0	226904.0	4.524261	Y
5	STD200 460-872315/7	200.0	914.484258	50.0	272268.0	4.572421	Y
6	STD500 460-872315/8	500.0	2178.899252	50.0	321536.0	4.357799	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

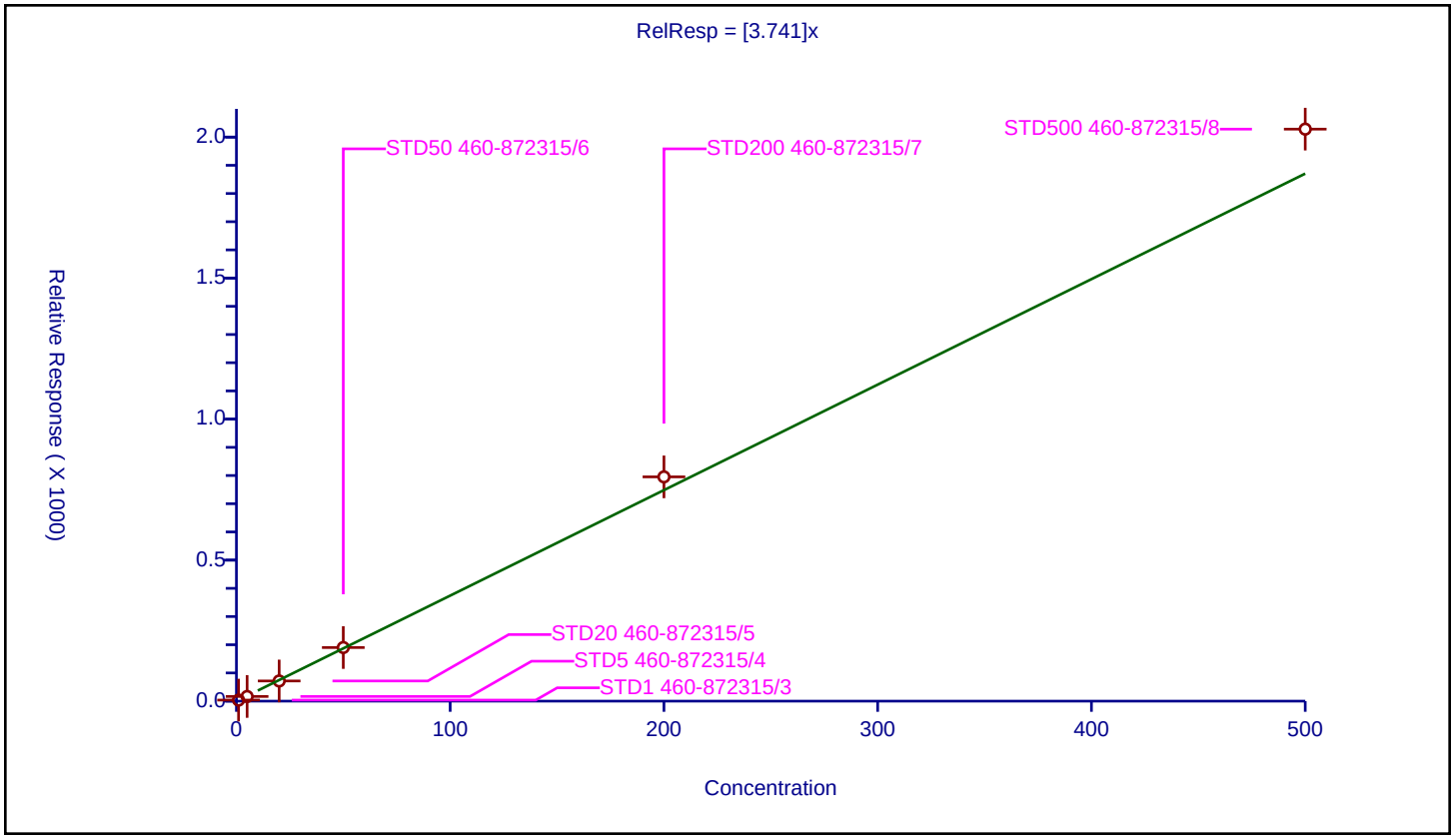
Curve Coefficients

Intercept:	0
Slope:	3.741

Error Coefficients

Standard Error:	6160000
Relative Standard Error:	7.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	3.730068	50.0	189581.0	3.730068	Y
2	STD5 460-872315/4	5.0	16.527663	50.0	189564.0	3.305533	Y
3	STD20 460-872315/5	20.0	71.501618	50.0	207303.0	3.575081	Y
4	STD50 460-872315/6	50.0	190.094049	50.0	226904.0	3.801881	Y
5	STD200 460-872315/7	200.0	795.216845	50.0	272268.0	3.976084	Y
6	STD500 460-872315/8	500.0	2028.216903	50.0	321536.0	4.056434	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

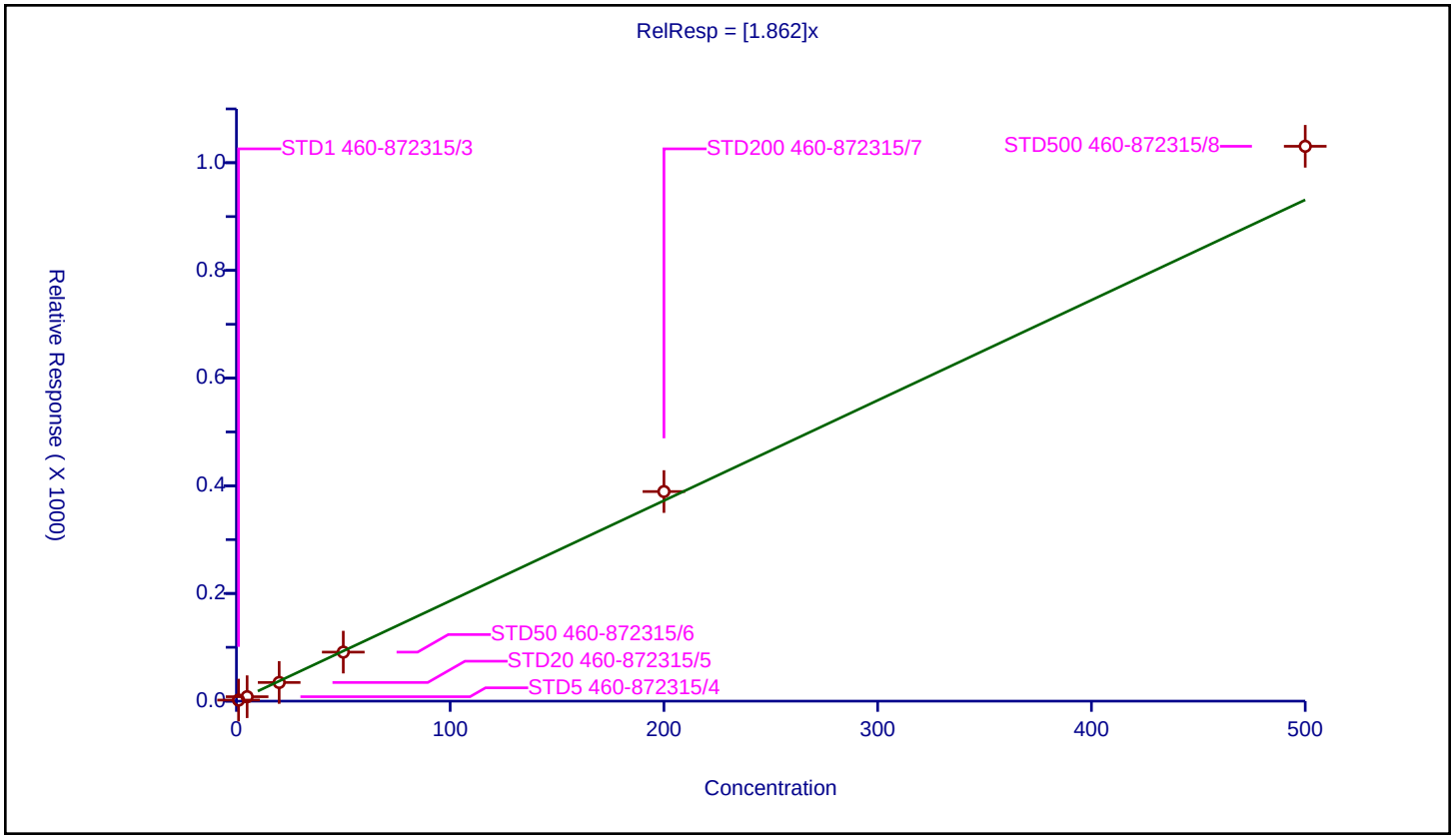
Curve Coefficients

Intercept:	0
Slope:	1.862

Error Coefficients

Standard Error:	3120000
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	STD1 460-872315/3	1.0	1.968552	50.0	189581.0	1.968552	Y
2	STD5 460-872315/4	5.0	8.220706	50.0	189564.0	1.644141	Y
3	STD20 460-872315/5	20.0	34.628539	50.0	207303.0	1.731427	Y
4	STD50 460-872315/6	50.0	91.058553	50.0	226904.0	1.821171	Y
5	STD200 460-872315/7	200.0	389.311818	50.0	272268.0	1.946559	Y
6	STD500 460-872315/8	500.0	1030.543081	50.0	321536.0	2.061086	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

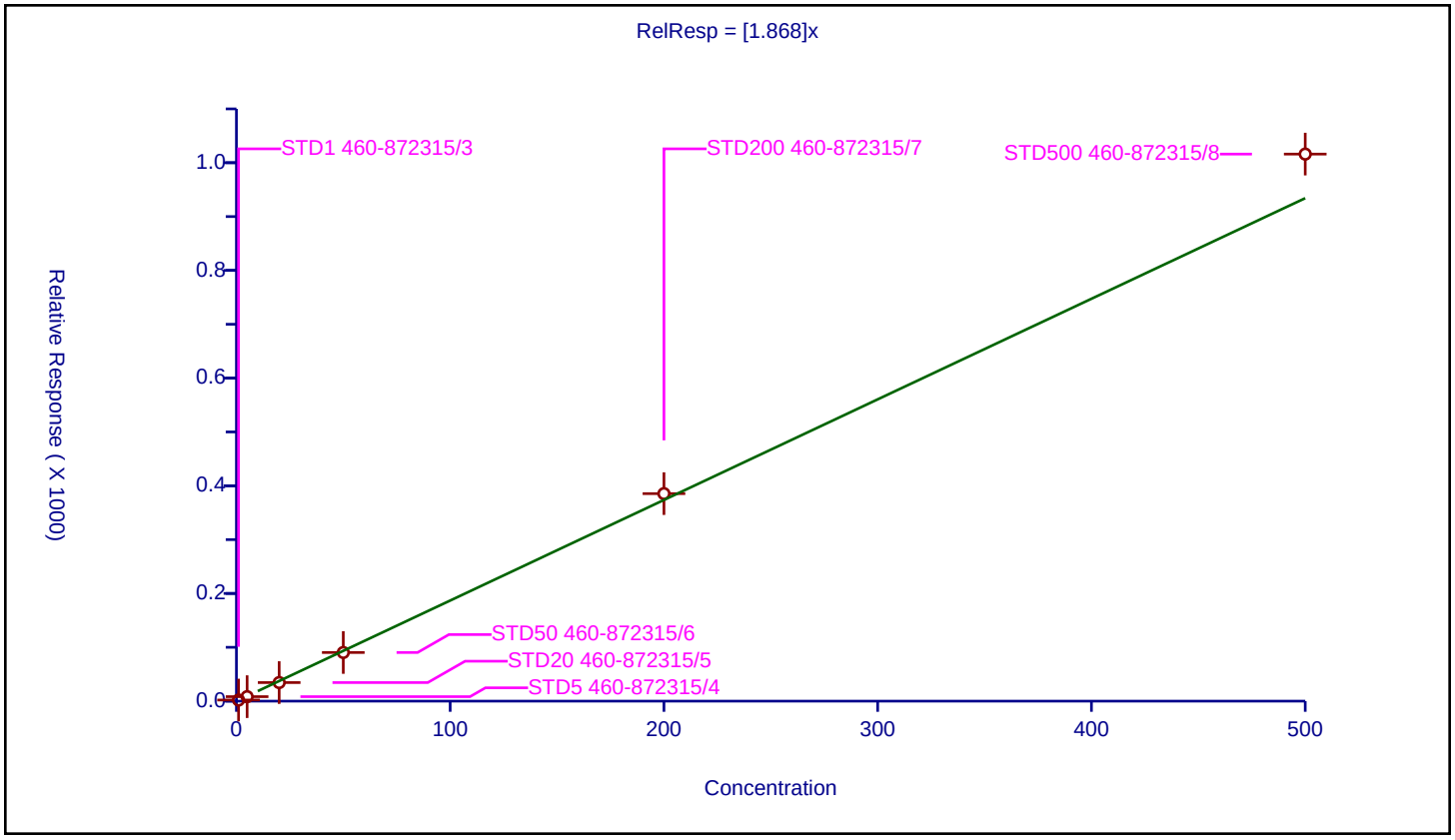
Curve Coefficients

Intercept:	0
Slope:	1.868

Error Coefficients

Standard Error:	3070000
Relative Standard Error:	8.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	2.05374	50.0	189581.0	2.05374	Y
2	STD5 460-872315/4	5.0	8.324629	50.0	189564.0	1.664926	Y
3	STD20 460-872315/5	20.0	34.494918	50.0	207303.0	1.724746	Y
4	STD50 460-872315/6	50.0	90.363766	50.0	226904.0	1.807275	Y
5	STD200 460-872315/7	200.0	385.409964	50.0	272268.0	1.92705	Y
6	STD500 460-872315/8	500.0	1016.047348	50.0	321536.0	2.032095	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

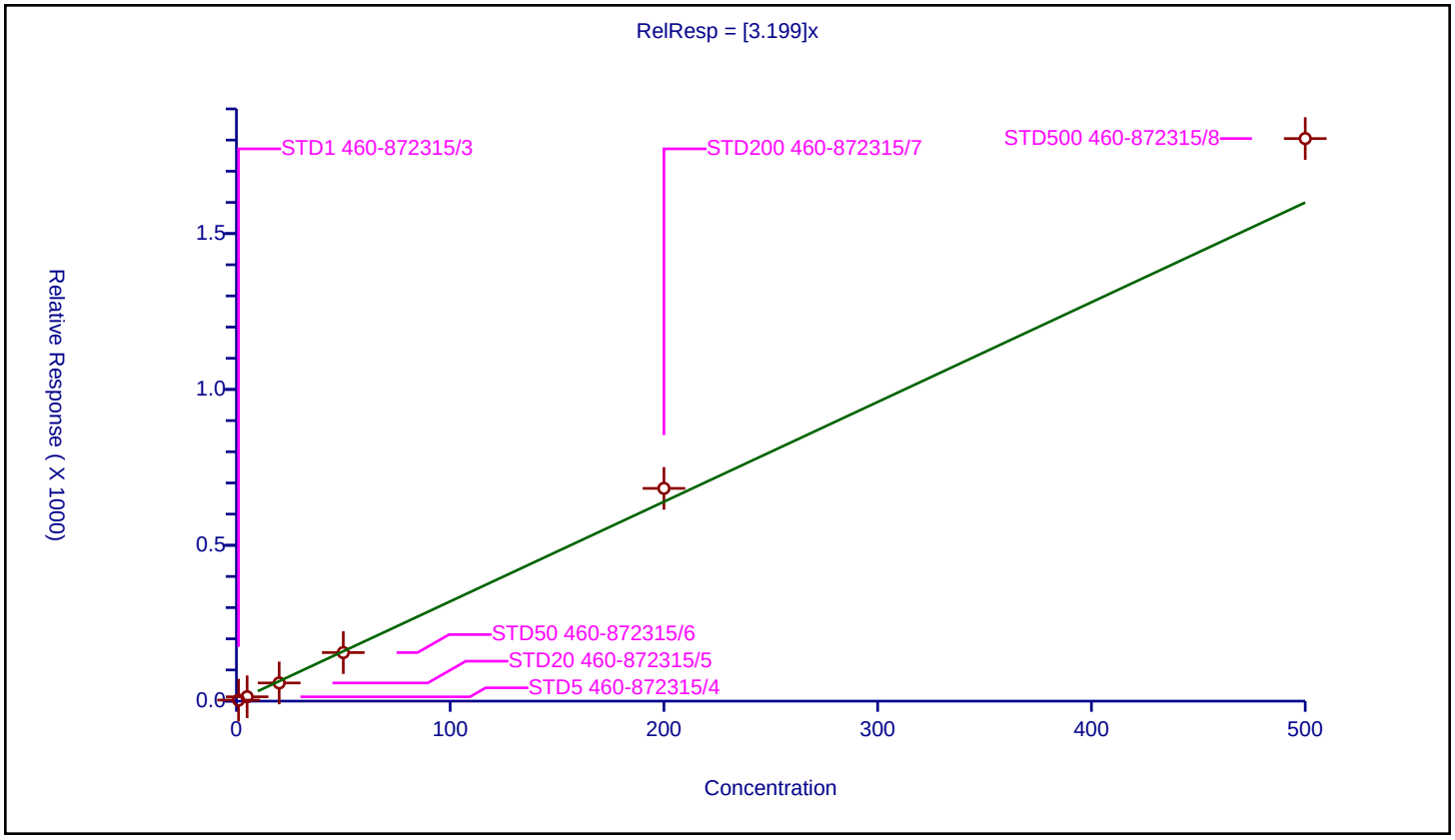
Curve Coefficients

Intercept:	0
Slope:	3.199

Error Coefficients

Standard Error:	5460000
Relative Standard Error:	9.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	3.348437	50.0	189581.0	3.348437	Y
2	STD5 460-872315/4	5.0	13.955181	50.0	189564.0	2.791036	Y
3	STD20 460-872315/5	20.0	58.352026	50.0	207303.0	2.917601	Y
4	STD50 460-872315/6	50.0	155.78791	50.0	226904.0	3.115758	Y
5	STD200 460-872315/7	200.0	682.556892	50.0	272268.0	3.412784	Y
6	STD500 460-872315/8	500.0	1804.813458	50.0	321536.0	3.609627	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

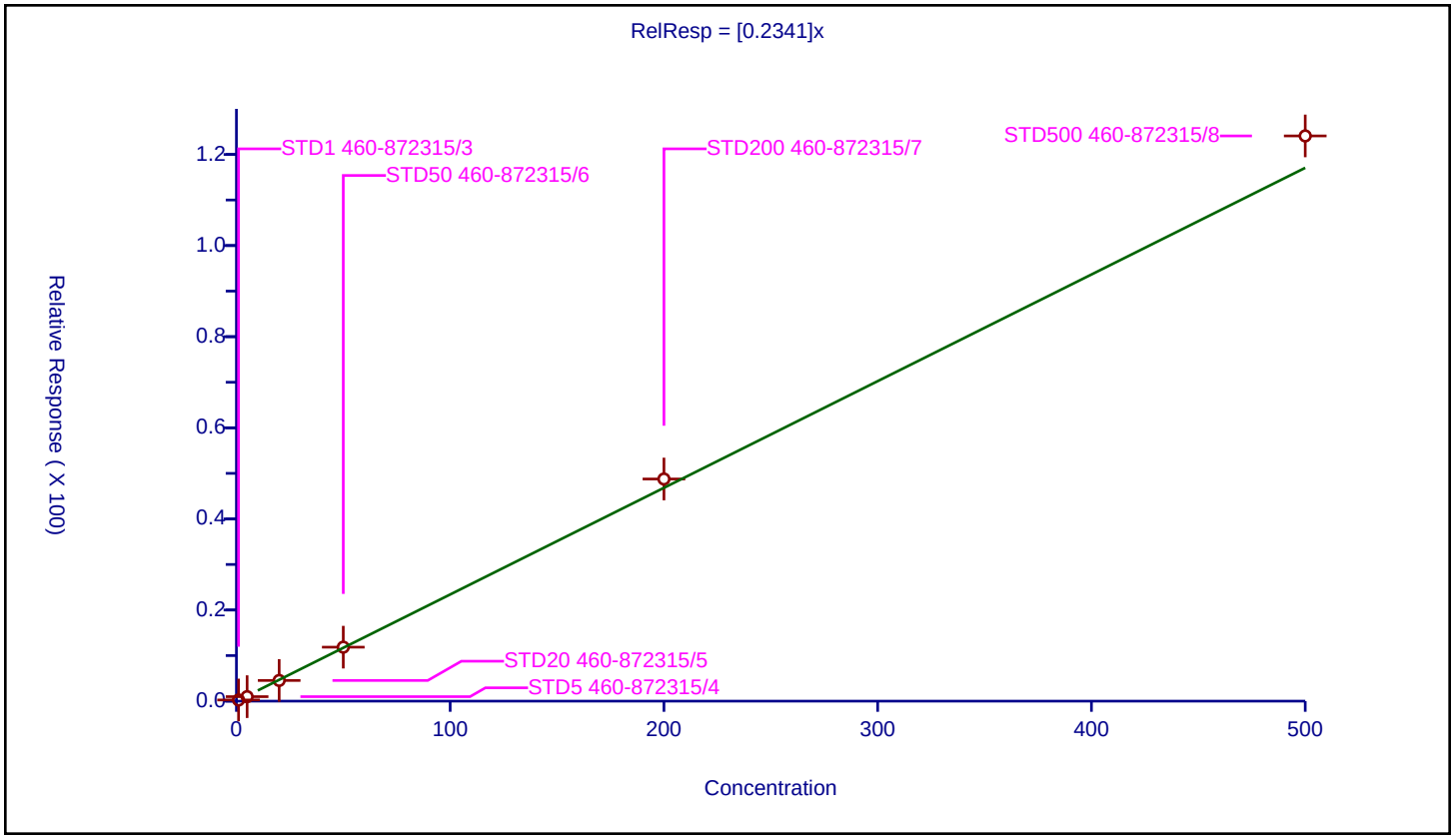
Curve Coefficients

Intercept:	0
Slope:	0.2341

Error Coefficients

Standard Error:	377000
Relative Standard Error:	8.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.251607	50.0	189581.0	0.251607	Y
2	STD5 460-872315/4	5.0	0.985419	50.0	189564.0	0.197084	Y
3	STD20 460-872315/5	20.0	4.542385	50.0	207303.0	0.227119	Y
4	STD50 460-872315/6	50.0	11.849505	50.0	226904.0	0.23699	Y
5	STD200 460-872315/7	200.0	48.760596	50.0	272268.0	0.243803	Y
6	STD500 460-872315/8	500.0	124.066823	50.0	321536.0	0.248134	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

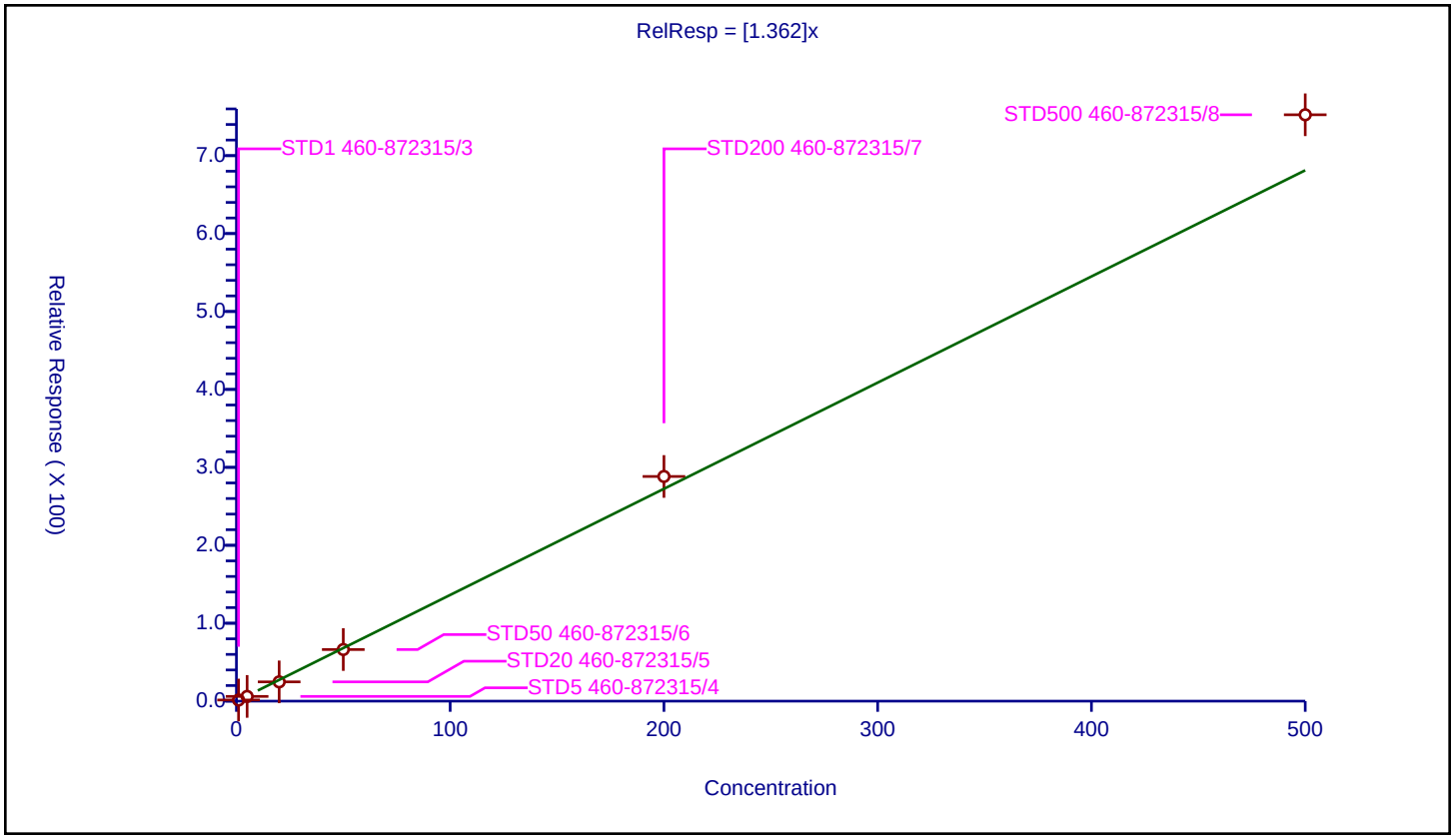
Curve Coefficients

Intercept:	0
Slope:	1.362

Error Coefficients

Standard Error:	4970000
Relative Standard Error:	9.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.454506	50.0	454553.0	1.454506	Y
2	STD5 460-872315/4	5.0	6.06359	50.0	459538.0	1.212718	Y
3	STD20 460-872315/5	20.0	24.717351	50.0	507963.0	1.235868	Y
4	STD50 460-872315/6	50.0	66.222107	50.0	545259.0	1.324442	Y
5	STD200 460-872315/7	200.0	288.32273	50.0	628593.0	1.441614	Y
6	STD500 460-872315/8	500.0	752.437926	50.0	697027.0	1.504876	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

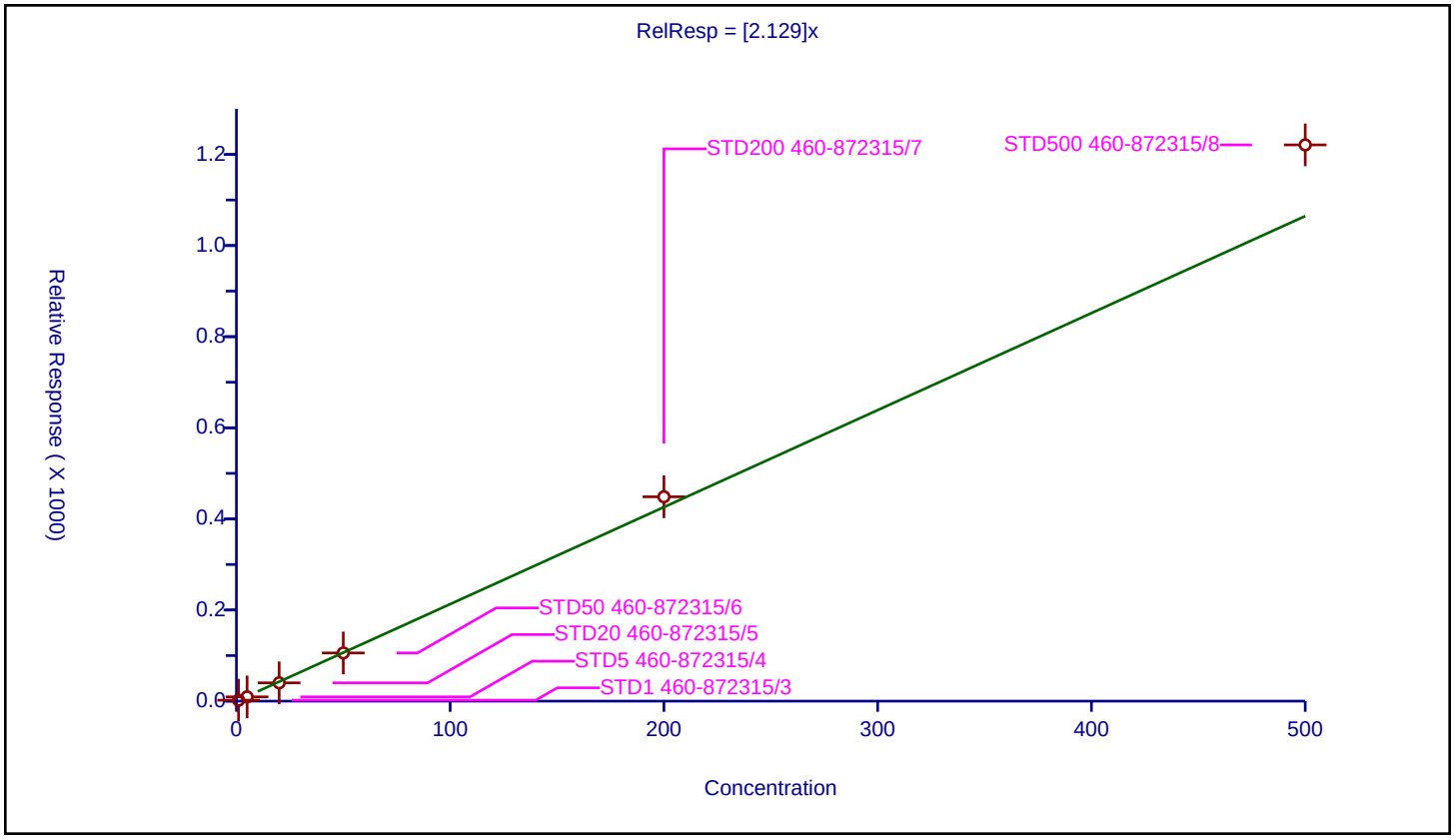
Curve Coefficients

Intercept:	0
Slope:	2.129

Error Coefficients

Standard Error:	3680000
Relative Standard Error:	9.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	2.09541	50.0	189581.0	2.09541	Y
2	STD5 460-872315/4	5.0	9.354888	50.0	189564.0	1.870978	Y
3	STD20 460-872315/5	20.0	40.177663	50.0	207303.0	2.008883	Y
4	STD50 460-872315/6	50.0	105.810607	50.0	226904.0	2.116212	Y
5	STD200 460-872315/7	200.0	448.574015	50.0	272268.0	2.24287	Y
6	STD500 460-872315/8	500.0	1220.943067	50.0	321536.0	2.441886	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

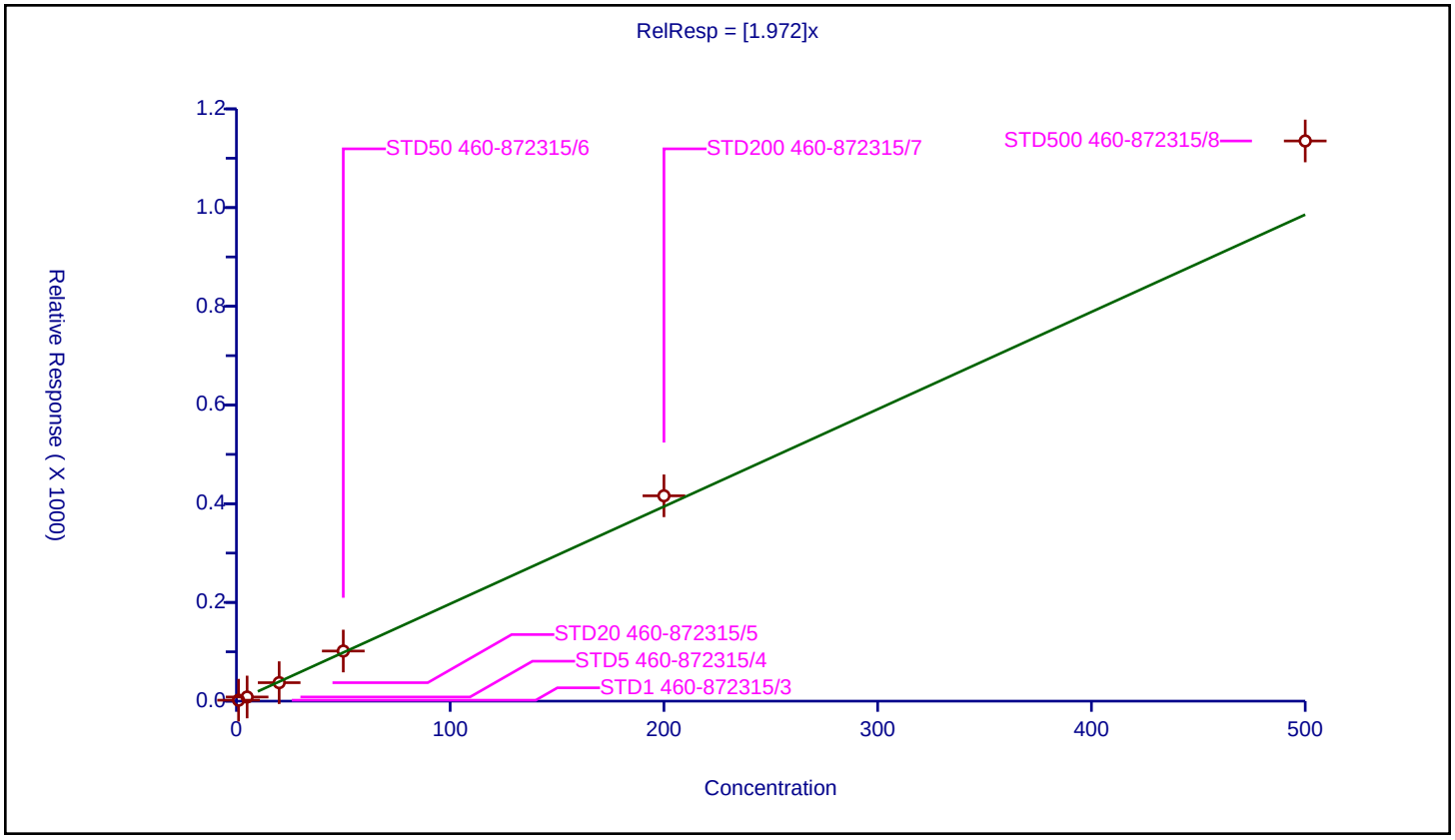
Curve Coefficients

Intercept:	0
Slope:	1.972

Error Coefficients

Standard Error:	3420000
Relative Standard Error:	10.3
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.898133	50.0	189581.0	1.898133	Y
2	STD5 460-872315/4	5.0	8.390306	50.0	189564.0	1.678061	Y
3	STD20 460-872315/5	20.0	37.447118	50.0	207303.0	1.872356	Y
4	STD50 460-872315/6	50.0	101.51628	50.0	226904.0	2.030326	Y
5	STD200 460-872315/7	200.0	416.045037	50.0	272268.0	2.080225	Y
6	STD500 460-872315/8	500.0	1134.999502	50.0	321536.0	2.269999	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

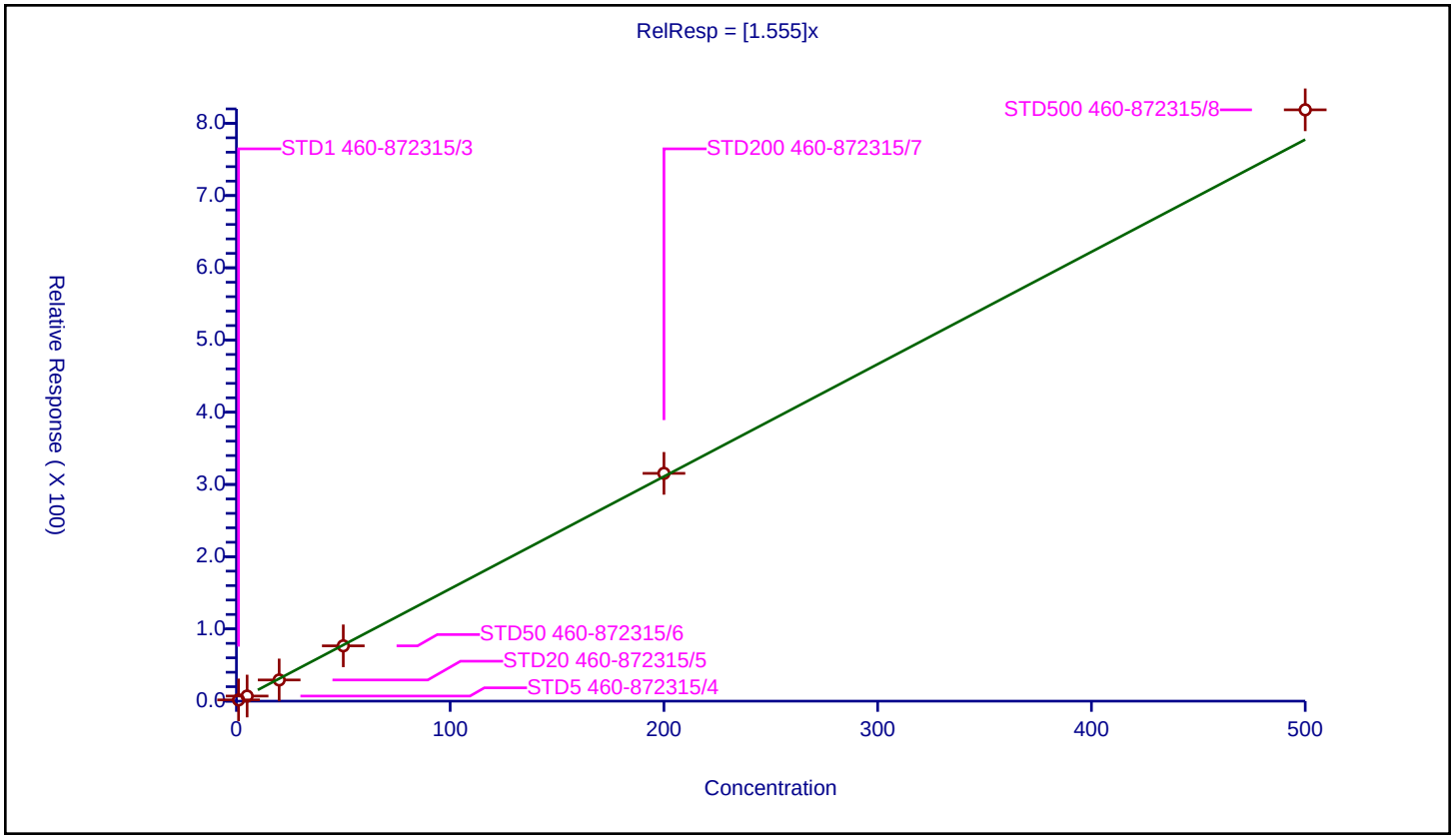
Curve Coefficients

Intercept:	0
Slope:	1.555

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	7.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.706131	50.0	189581.0	1.706131	Y
2	STD5 460-872315/4	5.0	7.055665	50.0	189564.0	1.411133	Y
3	STD20 460-872315/5	20.0	29.348828	50.0	207303.0	1.467441	Y
4	STD50 460-872315/6	50.0	76.571369	50.0	226904.0	1.531427	Y
5	STD200 460-872315/7	200.0	315.397513	50.0	272268.0	1.576988	Y
6	STD500 460-872315/8	500.0	818.72232	50.0	321536.0	1.637445	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

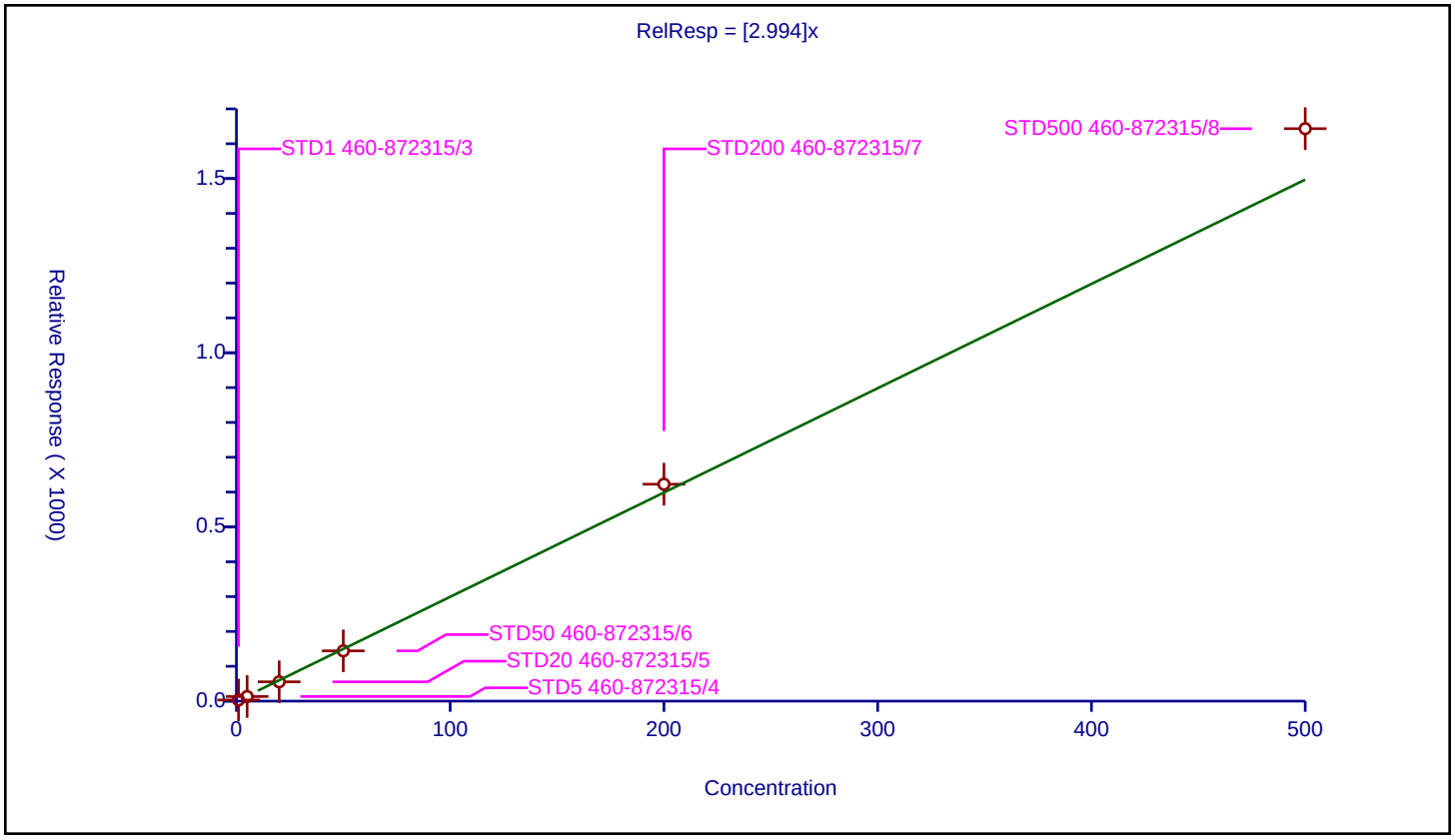
Curve Coefficients

Intercept:	0
Slope:	2.994

Error Coefficients

Standard Error:	4970000
Relative Standard Error:	8.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	3.256655	50.0	189581.0	3.256655	Y
2	STD5 460-872315/4	5.0	13.240647	50.0	189564.0	2.648129	Y
3	STD20 460-872315/5	20.0	55.444687	50.0	207303.0	2.772234	Y
4	STD50 460-872315/6	50.0	144.301334	50.0	226904.0	2.886027	Y
5	STD200 460-872315/7	200.0	622.720628	50.0	272268.0	3.113603	Y
6	STD500 460-872315/8	500.0	1643.202783	50.0	321536.0	3.286406	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

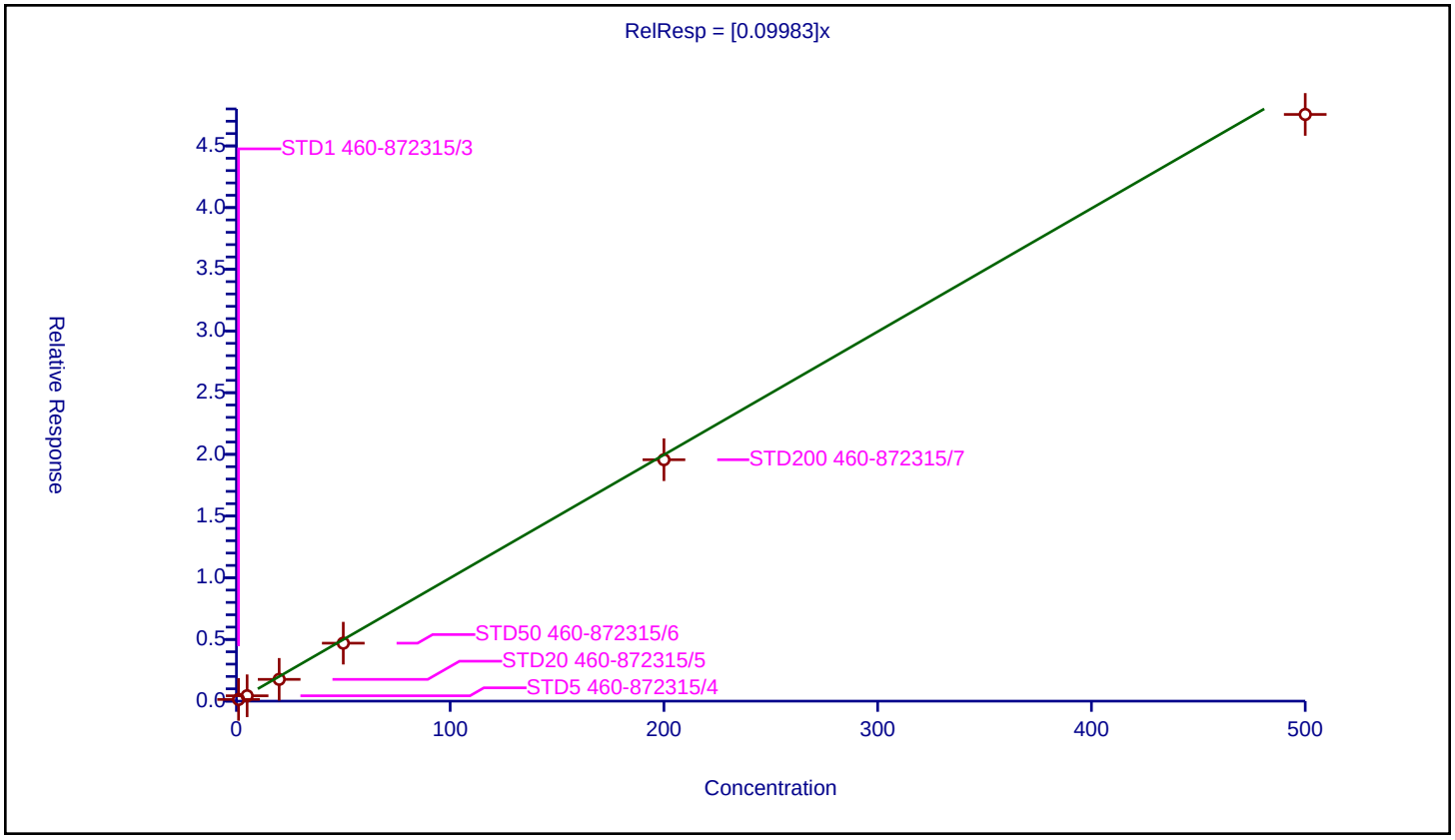
Curve Coefficients

Intercept:	0
Slope:	0.09983

Error Coefficients

Standard Error:	145000
Relative Standard Error:	18.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.136881	50.0	189581.0	0.136881	Y
2	STD5 460-872315/4	5.0	0.434682	50.0	189564.0	0.086936	Y
3	STD20 460-872315/5	20.0	1.76529	50.0	207303.0	0.088265	Y
4	STD50 460-872315/6	50.0	4.697361	50.0	226904.0	0.093947	Y
5	STD200 460-872315/7	200.0	19.566934	50.0	272268.0	0.097835	Y
6	STD500 460-872315/8	500.0	47.550819	50.0	321536.0	0.095102	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

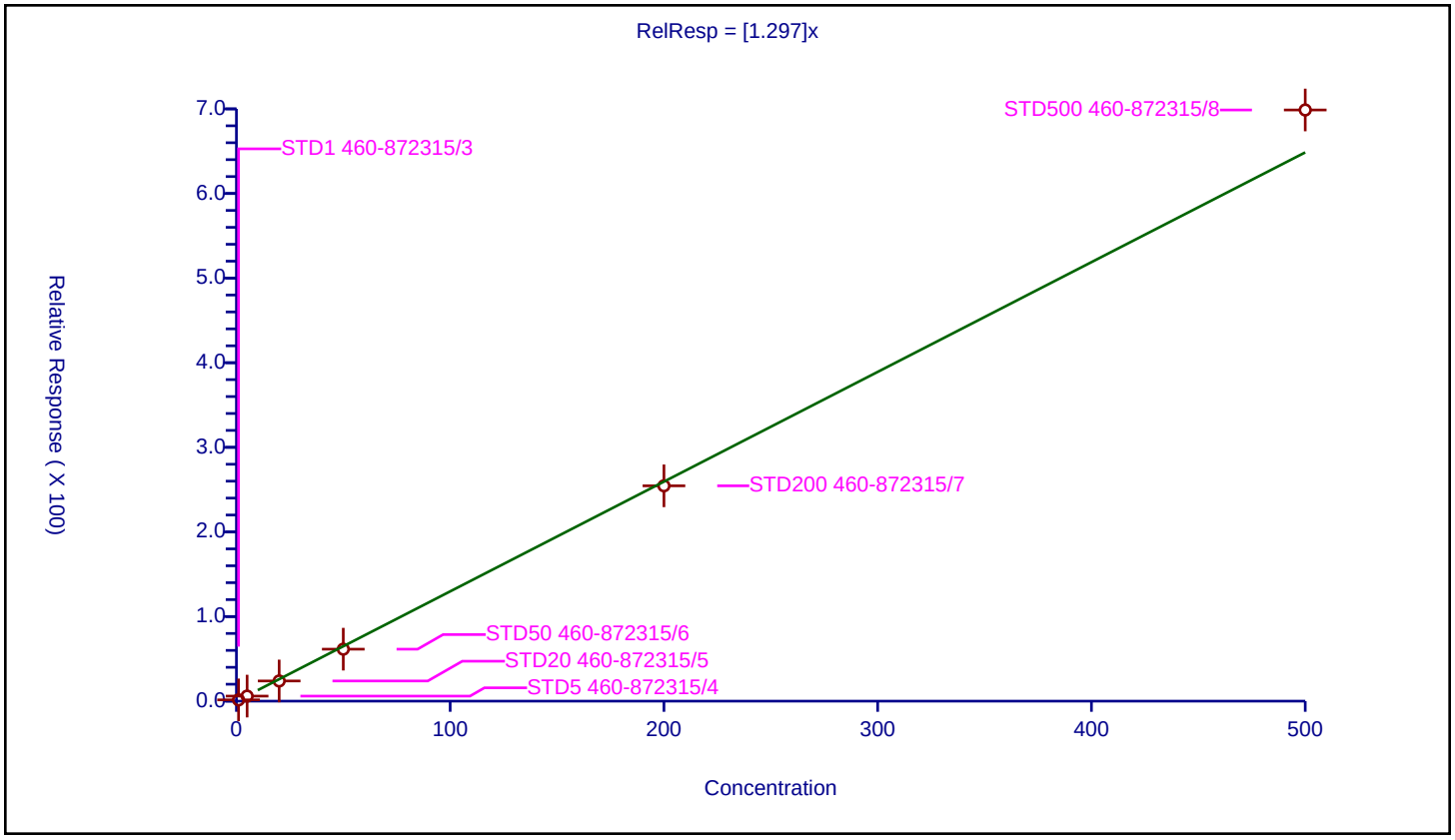
Curve Coefficients

Intercept:	0
Slope:	1.297

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	9.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.497249	50.0	189581.0	1.497249	Y
2	STD5 460-872315/4	5.0	5.977401	50.0	189564.0	1.19548	Y
3	STD20 460-872315/5	20.0	23.834677	50.0	207303.0	1.191734	Y
4	STD50 460-872315/6	50.0	61.424655	50.0	226904.0	1.228493	Y
5	STD200 460-872315/7	200.0	254.496305	50.0	272268.0	1.272482	Y
6	STD500 460-872315/8	500.0	698.700768	50.0	321536.0	1.397402	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

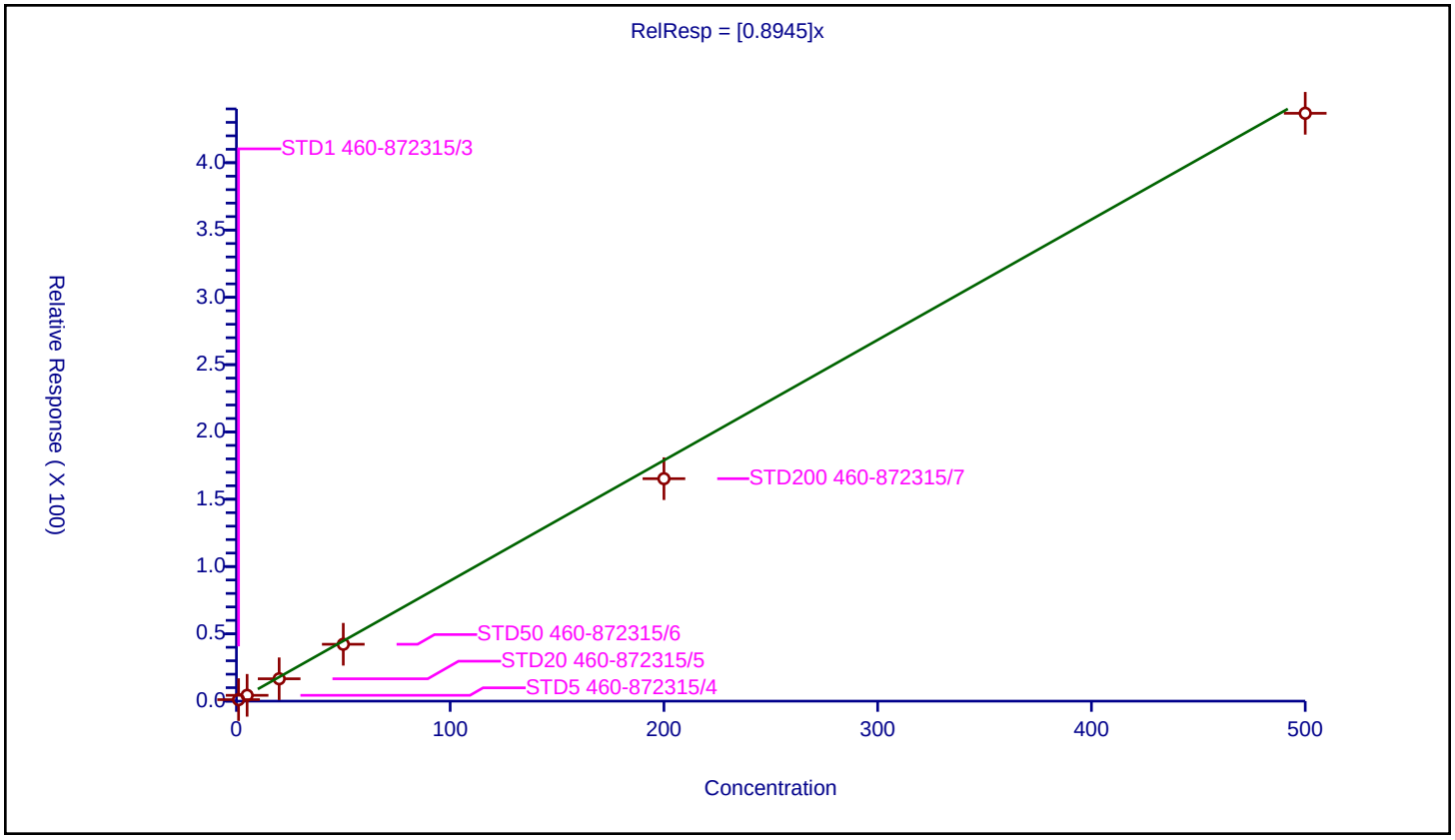
Curve Coefficients

Intercept:	0
Slope:	0.8945

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	12.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.12564	50.0	189581.0	1.12564	Y
2	STD5 460-872315/4	5.0	4.330991	50.0	189564.0	0.866198	Y
3	STD20 460-872315/5	20.0	16.609986	50.0	207303.0	0.830499	Y
4	STD50 460-872315/6	50.0	42.255095	50.0	226904.0	0.845102	Y
5	STD200 460-872315/7	200.0	165.274105	50.0	272268.0	0.826371	Y
6	STD500 460-872315/8	500.0	436.739898	50.0	321536.0	0.87348	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

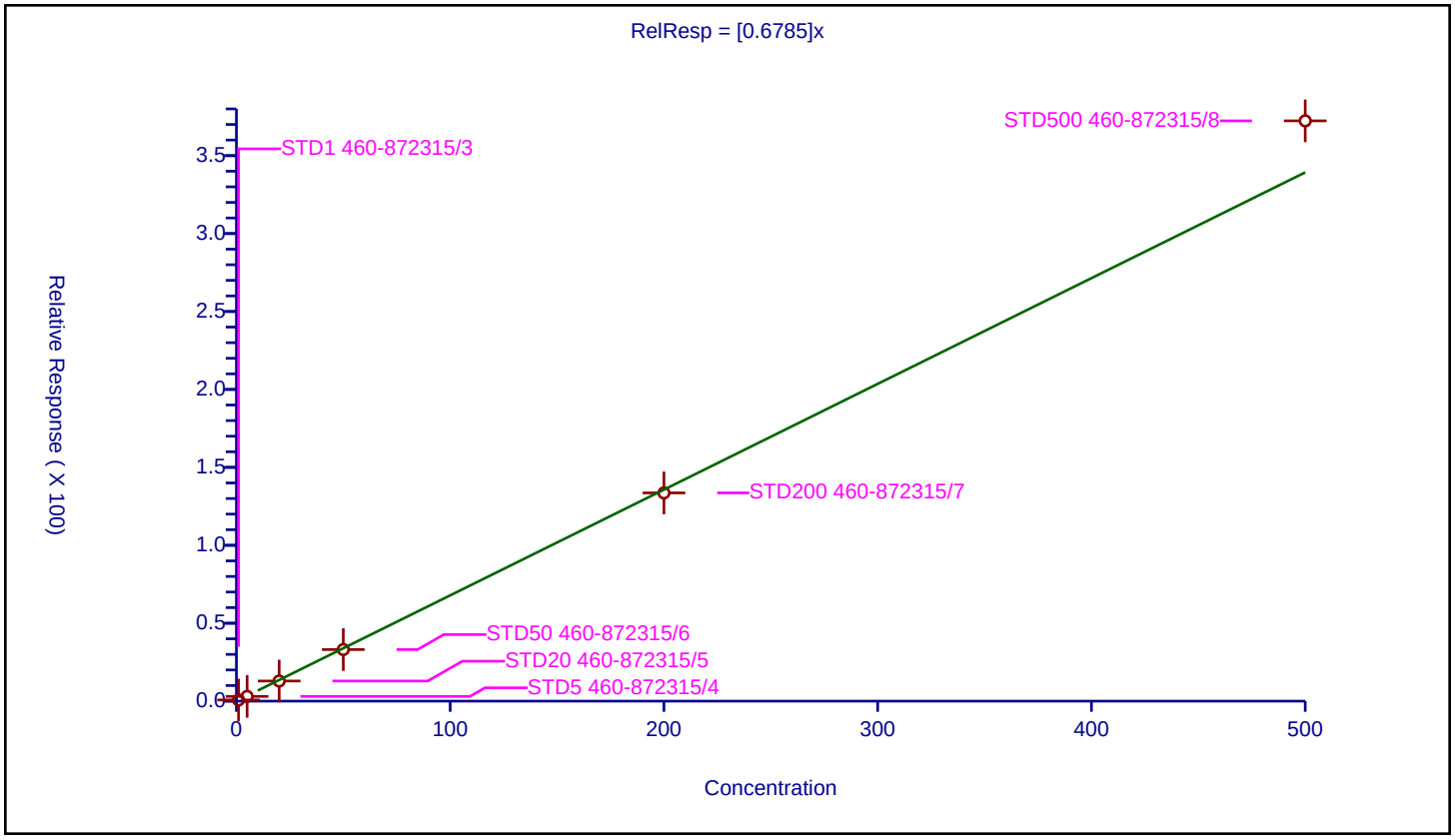
Curve Coefficients

Intercept:	0
Slope:	0.6785

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	8.1
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.743218	50.0	189581.0	0.743218	Y
2	STD5 460-872315/4	5.0	3.039343	50.0	189564.0	0.607869	Y
3	STD20 460-872315/5	20.0	12.908159	50.0	207303.0	0.645408	Y
4	STD50 460-872315/6	50.0	33.093291	50.0	226904.0	0.661866	Y
5	STD200 460-872315/7	200.0	133.60439	50.0	272268.0	0.668022	Y
6	STD500 460-872315/8	500.0	372.32596	50.0	321536.0	0.744652	Y



Calibration / Naphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

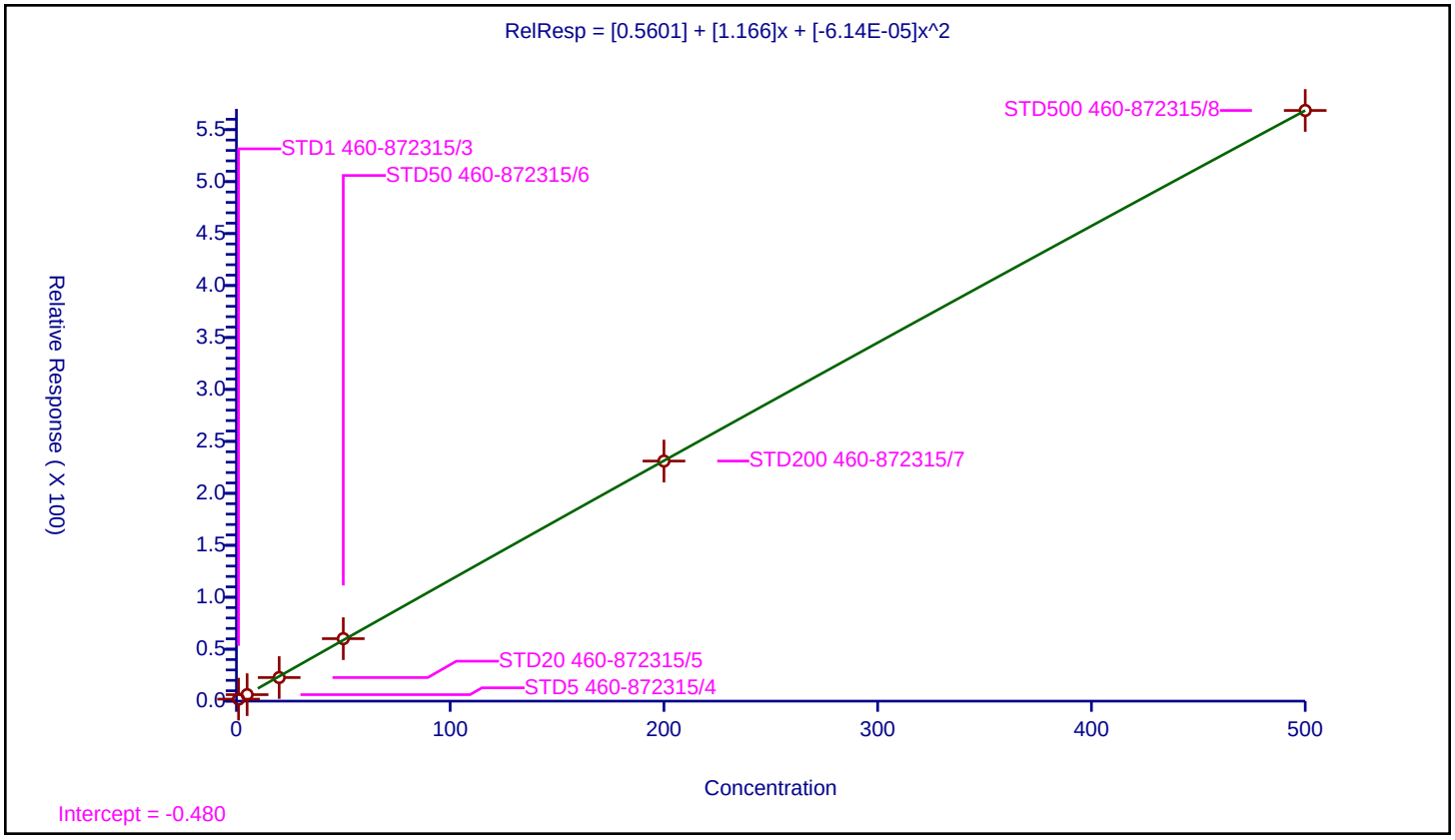
Curve Coefficients

Intercept:	0.5601
Slope:	1.166
Second Order:	-6.14E-05

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	10.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	1.922661	50.0	189581.0	1.922661	Y
2	STD5 460-872315/4	5.0	6.253825	50.0	189564.0	1.250765	Y
3	STD20 460-872315/5	20.0	22.710477	50.0	207303.0	1.135524	Y
4	STD50 460-872315/6	50.0	60.11463	50.0	226904.0	1.202293	Y
5	STD200 460-872315/7	200.0	231.066082	50.0	272268.0	1.15533	Y
6	STD500 460-872315/8	500.0	568.482067	50.0	321536.0	1.136964	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

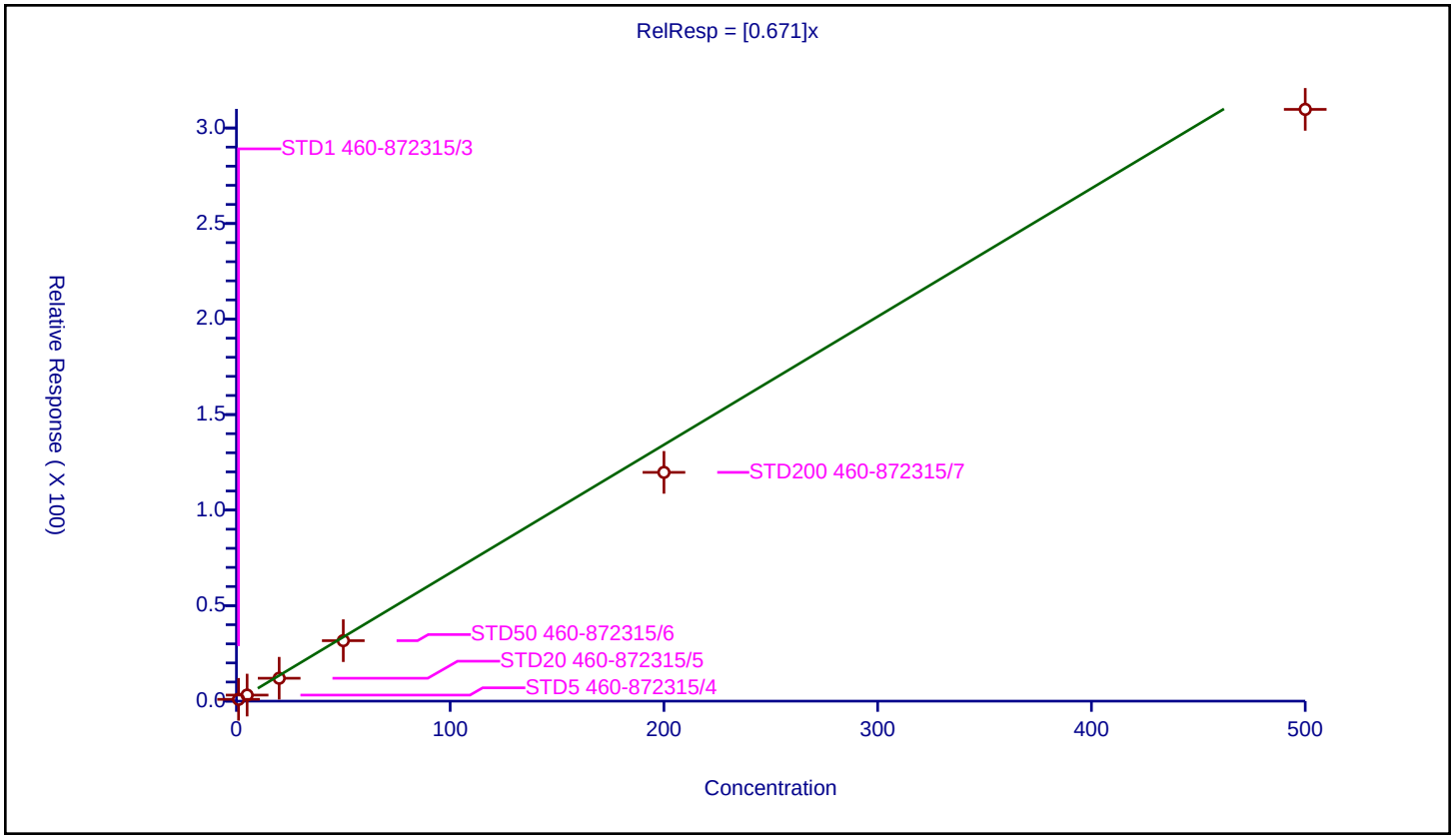
Curve Coefficients

Intercept:	0
Slope:	0.671

Error Coefficients

Standard Error:	940000
Relative Standard Error:	19.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.944

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-872315/3	1.0	0.941814	50.0	189581.0	0.941814	Y
2	STD5 460-872315/4	5.0	3.166741	50.0	189564.0	0.633348	Y
3	STD20 460-872315/5	20.0	11.987043	50.0	207303.0	0.599352	Y
4	STD50 460-872315/6	50.0	31.656119	50.0	226904.0	0.633122	Y
5	STD200 460-872315/7	200.0	119.749842	50.0	272268.0	0.598749	Y
6	STD500 460-872315/8	500.0	309.751163	50.0	321536.0	0.619502	Y



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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-869565/3	V25690.D
Level 2	STD05 460-869565/4	V25691.D
Level 3	STD1 460-869565/5	V25692.D
Level 4	STD5 460-869565/6	V25693.D
Level 5	STD20 460-869565/7	V25694.D
Level 6	STD50 460-869565/8	V25695.D
Level 7	STD200 460-869565/9	V25696.D
Level 8	STD500 460-869565/10	V25697.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	+++++ 0.1440	0.1043 0.1058	0.1231 0.1530	0.1190	0.1222	Ave		0.1245				14.6		20.0			
Dichlorodifluoromethane	+++++ 0.6424	0.5756 0.4856	0.5303 0.5283	0.5971	0.5883	Ave		0.5640			0.1000	9.3		20.0			
Chlorodifluoromethane	+++++ 0.1084	0.0981 0.0813	0.1191 0.0938	0.1216	0.0969	Ave		0.1027				14.1		20.0			
Chloromethane	+++++ 0.9380	1.1065 0.7388	1.0081 0.7470	0.9563	0.8640	Ave		0.9084			0.1000	14.8		20.0			
Vinyl chloride	+++++ 0.6848	0.6571 0.5532	0.6841 0.5654	0.6990	0.6227	Ave		0.6380			0.1000	9.3		20.0			
Butadiene	0.6667 0.8924	0.8438 0.6608	0.7192 0.6867	0.8536	0.7635	Ave		0.7608				12.1		20.0			
Bromomethane	+++++ 0.2083	0.2739 0.1938	0.2049 0.2213	0.2394	0.2040	Ave		0.2208			0.1000	12.5		20.0			
Chloroethane	+++++ 0.4001	0.5393 0.3349	0.4327 0.3328	0.4214	0.3760	Ave		0.4053			0.1000	17.5		20.0			
Dichlorofluoromethane	+++++ 0.9940	1.0691 0.8678	1.0366 0.8845	1.0080	0.9217	Ave		0.9688				8.0		20.0			
Trichlorofluoromethane	+++++ 0.6984	0.6691 0.5912	0.5664 0.6053	0.6679	0.6330	Ave		0.6330			0.1000	7.6		20.0			
Pentane	+++++ 0.1207	0.1315 0.1036	0.1019 0.1058	0.1081	0.1060	Ave		0.1111				9.8		20.0			
Ethanol	+++++ 0.7585	1.0806 0.5893	1.0826 0.5544	0.8921	0.6804	QuaF		0.6353	-0.000004						0.9990		0.9900
Ethyl ether	+++++ 0.3524	0.4055 0.3013	0.3756 0.3115	0.3437	0.3223	Ave		0.3446				10.7		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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 0.7358	0.6470 0.6525	0.6285 0.6860	0.6959	0.6555	Ave		0.6716				5.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3466	0.4634 0.2740	0.3798 0.3205	0.3532	0.3100	Ave		0.3496				17.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.7000	0.6742 0.5475	0.6779 0.6674	0.7124	0.6351	Ave		0.6592				8.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	+++++ 0.4353	0.4296 0.3610	0.3386 0.3988	0.4168	0.3886	Ave		0.3955			0.1000	9.0		20.0			
Acrolein	+++++ 0.1083	0.0843 0.1098	0.1022 0.1099	0.1117	0.1000	Ave		0.1037				9.2		20.0			
1,1-Dichloroethene	+++++ 0.4034	0.5278 0.3446	0.3605 0.3703	0.4121	0.3606	Ave		0.3971			0.1000	15.8		20.0			
Acetone	+++++ 1.2394	2.1053 1.0412	1.5505 1.2095	1.6214	1.2121	QuaF		0.9749	0.0000933		0.0500				0.9990		0.9900
Iodomethane	+++++ 0.2933	0.1033 0.3322	0.0635 0.3580	0.1091	0.1976	QuaF		0.3083	0.0000998						1.0000		0.9900
Isopropyl alcohol	+++++ 10.074	8.7536 8.3360	9.0640 6.5285	10.416	8.8921	Ave		8.8662				14.3		20.0			
Carbon disulfide	+++++ 1.6592	1.7421 1.3419	1.5769 1.4044	1.6571	1.5008	Ave		1.5546			0.1000	9.4		20.0			
3-Chloro-1-propene	+++++ 0.3640	0.4181 0.3426	0.3746 0.3810	0.3433	0.3164	Ave		0.3629				9.1		20.0			
Methyl acetate	+++++ 0.7346	0.4807 0.6586	0.5881 0.6468	0.7109	0.6572	Ave		0.6396			0.1000	13.2		20.0			
Cyclopentene	+++++ 1.6973	1.5104 1.4964	1.4559 1.4630	1.6433	1.5254	Ave		1.5417				6.0		20.0			
Acetonitrile	+++++ 0.4613	0.4850 0.4011	0.4494 0.4905	0.3433	0.3672	Ave		0.4283				13.6		20.0			
Methylene Chloride	+++++ 0.4832	0.4652 0.4173	0.5157 0.4345	0.5294	0.4419	Ave		0.4696			0.1000	9.0		20.0			
2-Methyl-2-propanol	+++++ 16.666	17.941 12.550	17.929 12.054	16.997	14.934	Ave		15.582				15.8		20.0			
Methyl tert-butyl ether	+++++ 1.6988	1.7809 1.5152	1.5469 1.5799	1.6086	1.5280	Ave		1.6083			0.1000	6.1		20.0			
trans-1,2-Dichloroethene	+++++ 0.4604	0.6025 0.3896	0.4612 0.4290	0.4667	0.4166	Ave		0.4609			0.1000	14.9		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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	0.2344 0.3427	0.2653 0.3049	0.2769 0.2211	0.3250	0.3075	Ave		0.2847				15.1		20.0			
Hexane	+++++ 1.1213	0.8250 0.8961	0.7884 0.9571	0.9799	0.9910	Ave		0.9370				12.0		20.0			
Isopropyl ether	+++++ 2.7819	2.4800 2.5448	2.4735 2.0685	2.6890	2.5133	Ave		2.5073				9.0		20.0			
1,1-Dichloroethane	+++++ 1.1591	1.1850 0.9906	1.1484 1.0326	1.1849	1.0536	Ave		1.1078			0.2000	7.2		20.0			
Vinyl acetate	+++++ 0.6769	0.6233 0.5652	0.5696 0.6417	0.6312	0.6505	Ave		0.6226				6.6		20.0			
2-Chloro-1,3-butadiene	+++++ 0.4630	0.4504 0.4156	0.4015 0.4508	0.4205	0.4071	Ave		0.4298				5.7		20.0			
Tert-butyl ethyl ether	+++++ 2.0505	1.8174 1.9262	1.9065 1.8249	1.9670	1.8714	Ave		1.9092				4.3		20.0			
2,2-Dichloropropane	+++++ 0.1662	0.2732 0.1437	0.2086 0.1533	0.1734	0.1463	Lin2	0.0597	0.1527							0.9960		0.9900
cis-1,2-Dichloroethene	+++++ 0.5018	0.5183 0.4293	0.4845 0.4544	0.5133	0.4485	Ave		0.4786			0.1000	7.3		20.0			
2-Butanone (MEK)	+++++ 0.4230	0.4587 0.3559	0.4766 0.3883	0.4296	0.3834	Ave		0.4165			0.0500	10.4		20.0			
Ethyl acetate	+++++ 0.4144	0.4082 0.3509	0.4255 0.3849	0.4180	0.3855	Ave		0.3982				6.5		20.0			
Methyl acrylate	+++++ 0.6662	0.6263 0.6531	0.3917 0.6935	0.5554	0.5565	Ave		0.5918				17.4		20.0			
Propionitrile	+++++ 0.1157	0.0948 0.1057	0.0961 0.1054	0.1067	0.1031	Ave		0.1039				6.8		20.0			
Chlorobromomethane	+++++ 0.1870	0.2059 0.1603	0.1653 0.1625	0.1939	0.1733	Ave		0.1783				9.8		20.0			
Tetrahydrofuran	+++++ 0.0889	0.0864 0.0790	0.0876 0.0816	0.0835	0.0804	Ave		0.0839				4.5		20.0			
Methacrylonitrile	+++++ 0.3128	0.2576 0.2906	0.2503 0.2167	0.2845	0.2775	Ave		0.2700				11.6		20.0			
Chloroform	+++++ 0.8627	0.8808 0.7619	0.9168 0.8221	0.8968	0.7881	Ave		0.8470			0.2000	6.8		20.0			
Cyclohexane	+++++ 0.8866	0.7660 0.7145	0.7307 0.7849	0.8163	0.7849	Ave		0.7834			0.1000	7.3		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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 0.7569	0.7826 0.6431	0.6755 0.7107	0.6963	0.6730	Ave		0.7055			0.1000	7.0		20.0			
Carbon tetrachloride	+++++ 0.6010	0.5737 0.5120	0.5595 0.5731	0.5538	0.5463	Ave		0.5599			0.1000	4.9		20.0			
1,1-Dichloropropene	+++++ 0.8138	0.7955 0.6813	0.7441 0.7540	0.7545	0.7288	Ave		0.7531				5.8		20.0			
Isobutyl alcohol	+++++ 16.867	7.6018 13.574	9.7761 12.387	14.674	14.284	QuaF		14.734	-0.000189						0.9990		0.9900
Isooctane	+++++ 2.2003	1.6546 1.9462	1.7369 1.9219	1.8418	1.9250	Ave		1.8895				9.2		20.0			
Benzene	+++++ 3.8535	3.8550 3.1974	3.6879 3.2913	3.9538	3.5089	Ave		3.6211			0.5000	8.2		20.0			
Tert-amyl methyl ether	+++++ 1.7312	1.6703 1.6242	1.7203 1.7144	1.6356	1.5896	Ave		1.6694				3.3		20.0			
Isopropyl acetate	+++++ 0.4867	0.4311 0.4537	0.4685 0.4655	0.4517	0.4293	Ave		0.4552				4.5		20.0			
1,2-Dichloroethane	+++++ 0.7518	0.9031 0.6682	0.7539 0.6964	0.7578	0.7053	Ave		0.7481			0.1000	10.2		20.0			
n-Heptane	+++++ 0.4906	0.4342 0.3896	0.4046 0.4124	0.4100	0.4196	Ave		0.4230				7.7		20.0			
n-Butanol	+++++ 3.2300	+++++ 3.2026	+++++ 3.1703	+++++	2.0301	Ave		2.9082				20.1	*	20.0			
Trichloroethene	+++++ 0.4811	0.5788 0.4097	0.4583 0.4465	0.4673	0.4349	Ave		0.4681			0.2000	11.5		20.0			
Methylcyclohexane	+++++ 0.9470	0.8538 0.7667	0.7095 0.8211	0.7936	0.8382	Ave		0.8186			0.1000	9.1		20.0			
Ethyl acrylate	+++++ 0.0772	0.0546 0.0707	0.0345 0.0736	0.0670	0.0657	QuaF		0.0698	0.0000076						1.0000		0.9900
1,2-Dichloropropane	+++++ 0.6490	0.8162 0.5589	0.6781 0.5794	0.6435	0.6002	Ave		0.6465			0.1000	13.3		20.0			
Methyl methacrylate	+++++ 0.1401	0.1281 0.1328	0.1217 0.1348	0.1122	0.1188	Ave		0.1269				7.8		20.0			
1,4-Dioxane	+++++ 2.0956	3.0778 1.8833	2.5273 +++++	2.6137	2.4085	Ave		2.4344				17.2		20.0			
Dibromomethane	+++++ 0.2766	0.3954 0.2427	0.2961 0.2517	0.2792	0.2500	Ave		0.2845				18.4		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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 1.3869	1.1324 1.3142	1.0068 1.3037	1.1928	1.2118	Ave		1.2212				10.4		20.0			
Bromodichloromethane	+++++ 0.6569	0.7389 0.5888	0.6353 0.6166	0.6154	0.5868	Ave		0.6341			0.2000	8.3		20.0			
2-Nitropropane	+++++ 0.2497	0.2494 0.2313	0.2212 0.2288	0.2220	0.2120	Ave		0.2306				6.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.4433	0.3391 0.4166	0.3187 0.4128	0.3571	0.3864	Ave		0.3820				11.9		20.0			
Epichlorohydrin	0.2946 0.4548	0.3432 0.3676	0.3408 0.4016	0.4197	0.4111	Ave		0.3792				13.7		20.0			
cis-1,3-Dichloropropene	+++++ 1.5688	1.3468 1.3379	1.3106 1.4871	1.4939	1.4064	Ave		1.4216			0.2000	6.8		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 5.0878	3.4343 4.2935	3.5362 +++++	4.9500	4.7400	Ave		4.3403			0.0500	16.5		20.0			
Toluene	+++++ 3.6197	3.6111 3.0246	3.3895 3.2408	3.5885	3.2609	Ave		3.3907			0.4000	6.7		20.0			
trans-1,3-Dichloropropene	+++++ 1.4104	1.3665 1.2336	1.1680 1.3587	1.2917	1.2561	Ave		1.2979			0.1000	6.6		20.0			
Ethyl methacrylate	+++++ 1.2963	0.8614 1.1524	0.7771 1.2921	0.9759	1.0909	Ave		1.0637				19.0		20.0			
1,1,2-Trichloroethane	+++++ 0.6476	0.6584 0.5530	0.6243 0.5892	0.6510	0.5973	Ave		0.6172			0.1000	6.3		20.0			
Tetrachloroethene	+++++ 0.6366	0.6408 0.5184	0.6222 0.5997	0.5881	0.5645	Ave		0.5957			0.2000	7.3		20.0			
1,3-Dichloropropane	+++++ 1.4537	1.3059 1.2141	1.3250 1.3061	1.4300	1.3203	Ave		1.3364				6.1		20.0			
2-Hexanone	+++++ 3.2759	1.7144 2.8190	2.0563 2.4909	2.8919	2.9404	Lin2	-3.163	2.8946			0.0500				0.9900		0.9900
n-Butyl acetate	+++++ 2.4657	1.6543 2.1670	1.8775 2.2924	2.2694	2.1240	Ave		2.1215				12.9		20.0			
Dibromochloromethane	+++++ 0.6423	0.6519 0.5666	0.6474 0.6152	0.6007	0.5699	Ave		0.6134			0.1000	5.8		20.0			
Ethylene Dibromide	+++++ 0.6570	0.7016 0.5571	0.5788 0.5998	0.6201	0.5788	Ave		0.6133			0.1000	8.3		20.0			
Chlorobenzene	+++++ 1.9068	2.0876 1.5802	1.8919 1.7181	1.9486	1.7177	Ave		1.8359			0.5000	9.4		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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 1.1123	1.1656 0.9073	0.9931 0.9966	1.0006	0.9703	Ave		1.0208			0.1000	8.6		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.6102	0.6545 0.5252	0.5986 0.5581	0.5814	0.5574	Ave		0.5836				7.2		20.0			
m-Xylene & p-Xylene	+++++ 1.3737	1.2060 1.1100	1.2162 1.2271	1.3030	1.2019	Ave		1.2340			0.1000	6.8		20.0			
o-Xylene	+++++ 1.3025	1.0864 1.0932	1.2396 1.1721	1.2162	1.1805	Ave		1.1844			0.3000	6.5		20.0			
n-Butyl acrylate	+++++ 0.7219	0.3646 0.6537	0.4716 0.6993	0.5779	0.5882	Lin2	-0.155	0.6550							0.9930		0.9900
Styrene	+++++ 2.1867	1.6893 1.8631	1.5467 2.0037	1.9006	1.9208	Ave		1.8730			0.3000	11.1		20.0			
Amyl acetate (mixed isomers)	+++++ 5.8876	4.0582 5.2726	4.0127 5.0556	5.2016	5.0715	Ave		4.9371				13.7		20.0			
Bromoform	+++++ 0.4177	0.3567 0.3717	0.3726 0.4043	0.3759	0.3501	Ave		0.3784			0.1000	6.4		20.0			
Isopropylbenzene	+++++ 3.4822	3.2656 2.7917	2.7152 2.5595	3.2093	3.0625	Ave		3.0123			0.1000	11.1		20.0			
Bromobenzene	+++++ 1.4946	1.4429 1.2532	1.4504 1.3233	1.4337	1.3687	Ave		1.3952				6.0		20.0			
1,1,2,2-Tetrachloroethane	+++++ 2.3343	2.1207 1.9748	2.0773 2.0951	2.2313	2.1276	Ave		2.1373			0.3000	5.4		20.0			
N-Propylbenzene	+++++ 10.084	8.0734 8.1820	8.7200 6.0135	9.1264	9.0100	Ave		8.4585				15.0		20.0			
1,2,3-Trichloropropane	+++++ 0.6110	0.6383 0.5052	0.5405 0.5448	0.5781	0.5395	Ave		0.5654				8.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.9451	0.7589 0.8451	0.7663 0.9126	0.8628	0.7905	Ave		0.8402				8.6		20.0			
2-Chlorotoluene	+++++ 6.5413	5.6781 5.4564	5.7001 5.1990	6.0406	5.8262	Ave		5.7774				7.4		20.0			
4-Ethyltoluene	+++++ 7.7020	6.2359 6.6204	6.4474 5.7322	6.8676	6.8711	Ave		6.6395				9.2		20.0			
1,3,5-Trimethylbenzene	+++++ 6.3014	5.3441 5.0894	5.5328 5.0362	5.3798	5.5509	Ave		5.4621				7.7		20.0			
4-Chlorotoluene	+++++ 6.1287	5.1578 5.0342	5.0129 5.1966	5.8171	5.5255	Ave		5.4104				7.9		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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 2.2664	1.1560 2.1096	1.7100 2.2993	1.7582	1.7968	Lin2	-0.458	2.0853							0.9900		0.9900
tert-Butylbenzene	+++++ 5.2026	4.4061 4.1677	4.2097 4.4684	4.7109	4.6181	Ave		4.5405				7.8		20.0			
1,2,4-Trimethylbenzene	+++++ 6.3639	5.6633 5.2309	5.0402 4.9588	5.7636	5.6062	Ave		5.5181				8.8		20.0			
sec-Butylbenzene	+++++ 7.7328	6.3570 6.2328	5.9519 5.3670	6.7003	6.8203	Ave		6.4517				11.5		20.0			
4-Isopropyltoluene	+++++ 6.2447	4.5647 5.1166	4.8906 4.6762	5.0835	5.3742	Ave		5.1358				10.9		20.0			
1,3-Dichlorobenzene	+++++ 2.8597	2.5004 2.4100	2.3870 2.6459	2.7091	2.6016	Ave		2.5877			0.6000	6.5		20.0			
1,4-Dichlorobenzene	+++++ 2.8729	2.9781 2.3981	2.7757 2.6755	2.6889	2.5793	Ave		2.7098			0.5000	7.0		20.0			
1,2,3-Trimethylbenzene	+++++ 6.3237	5.1758 5.5938	5.4176 4.9226	5.8555	5.5859	Ave		5.5535				8.2		20.0			
Benzyl chloride	+++++ 4.6300	3.6636 4.2554	3.1926 4.2065	3.8765	4.0490	Ave		3.9820				11.6		20.0			
Indan	+++++ 5.7956	4.8854 5.0754	5.2618 4.4828	5.3207	5.2267	Ave		5.1498				7.9		20.0			
p-Diethylbenzene	+++++ 3.1202	2.2736 2.6938	2.4937 2.9234	2.5978	2.7405	Ave		2.6918				10.3		20.0			
n-Butylbenzene	+++++ 3.5182	2.2608 2.8194	2.9780 3.0831	2.8247	3.0383	Ave		2.9318				12.9		20.0			
1,2-Dichlorobenzene	+++++ 2.6611	2.6918 2.2788	2.4162 2.4872	2.4576	2.4398	Ave		2.4904			0.4000	5.8		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 4.8967	4.6468 4.5899	3.7737 4.3024	4.1157	4.3053	Ave		4.3758				8.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.3562	0.4013 0.3177	0.4032 0.3563	0.3422	0.3055	Ave		0.3546			0.0500	10.6		20.0			
1,3,5-Trichlorobenzene	+++++ 1.7059	1.8575 1.5305	1.4800 1.6413	1.4340	1.4999	Ave		1.5927				9.4		20.0			
1,2,4-Trichlorobenzene	+++++ 1.5298	1.7379 1.3230	1.5773 1.4522	1.4021	1.3558	Ave		1.4826			0.2000	9.7		20.0			
Hexachlorobutadiene	+++++ 0.6182	0.6973 0.5099	0.6368 0.5597	0.5753	0.5805	Ave		0.5968				10.1		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 Edison Job No.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 4.7721	4.0423 4.3676	3.5984 4.1349	3.8253	4.0834	Ave		4.1177				9.2		20.0			
1,2,3-Trichlorobenzene	+++++ 1.4093	1.0442 1.2058	1.3643 1.3257	1.1718	1.2399	Ave		1.2516				10.0		20.0			
Dibromofluoromethane (Surr)	0.2311 0.2379	0.2429 0.2424	0.2393 0.2249	0.2290	0.2181	Ave		0.2332				3.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3867 0.3679	0.4052 0.3838	0.3908 0.3639	0.3657	0.3376	Ave		0.3752				5.6		20.0			
Toluene-d8 (Surr)	1.8701 1.9986	1.9632 1.8324	1.9296 1.8844	1.9217	1.7948	Ave		1.8993				3.6		20.0			
Bromofluorobenzene	0.3742 0.4070	0.3941 0.3786	0.3901 0.3593	0.3722	0.3599	Ave		0.3794				4.4		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-869565/3	V25690.D
Level 2	STD05 460-869565/4	V25691.D
Level 3	STD1 460-869565/5	V25692.D
Level 4	STD5 460-869565/6	V25693.D
Level 5	STD20 460-869565/7	V25694.D
Level 6	STD50 460-869565/8	V25695.D
Level 7	STD200 460-869565/9	V25696.D
Level 8	STD500 460-869565/10	V25697.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	+++++	753	1813	8968	40874	+++++	0.500	1.00	5.00	20.0
			119290	421336	1632479			50.0	200	500		
Dichlorodifluoromethane	FB	Ave	+++++	4155	7811	44990	196822	+++++	0.500	1.00	5.00	20.0
			531996	1933278	5638303			50.0	200	500		
Chlorodifluoromethane	FB	Ave	+++++	708	1754	9164	32406	+++++	0.500	1.00	5.00	20.0
			89784	323540	1001487			50.0	200	500		
Chloromethane	FB	Ave	+++++	7987	14849	72046	289041	+++++	0.500	1.00	5.00	20.0
			776783	2941110	7972453			50.0	200	500		
Vinyl chloride	FB	Ave	+++++	4743	10077	52661	208329	+++++	0.500	1.00	5.00	20.0
			567122	2202168	6034350			50.0	200	500		
Butadiene	FB	Ave	2672	6091	10594	64309	255433	0.250	0.500	1.00	5.00	20.0
			739050	2630558	7328512			50.0	200	500		
Bromomethane	FB	Ave	+++++	1977	3018	18036	68259	+++++	0.500	1.00	5.00	20.0
			172516	771499	2361535			50.0	200	500		
Chloroethane	FB	Ave	+++++	3893	6373	31750	125805	+++++	0.500	1.00	5.00	20.0
			331389	1333106	3551705			50.0	200	500		
Dichlorofluoromethane	FB	Ave	+++++	7717	15269	75946	308349	+++++	0.500	1.00	5.00	20.0
			823196	3454657	9440071			50.0	200	500		
Trichlorofluoromethane	FB	Ave	+++++	4830	8343	50320	211759	+++++	0.500	1.00	5.00	20.0
			578374	2353517	6460292			50.0	200	500		
Pentane	FB	Ave	+++++	1898	3002	16290	70925	+++++	1.00	2.00	10.0	40.0
			199921	824499	2257950			100	400	1000		
Ethanol	TBAd 9	QuaF	+++++	996	1934	7994	27624	+++++	20.0	40.0	200	800
			80750	353952	966558			2000	8000	20000		
Ethyl ether	FB	Ave	+++++	2927	5533	25894	107816	+++++	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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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
			291860	1199596	3324859			50.0	200	500		
2-Methyl-1,3-butadiene	FB	Ave	+++++ 609348	4670 2597460	9257 7321190	52429	219298	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 287045	3345 1090816	5594 3420013	26614	103720	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 579730	4867 2179545	9985 7122526	53674	212482	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 360498	3101 1436976	4988 4255664	31404	130013	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 179302	2435 437154	6022 938411	33666	66883	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 334116	3810 1372060	5310 3952309	31051	120653	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	QuaF	+++++ 935652	13705 4115536	19776 11876015	101784	347525	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	QuaF	+++++ 242908	746 1322407	935 3820579	8221	66110	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 268111	2017 1251740	4048 2845501	23332	90257	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 1374124	12575 5342159	23227 14987915	124848	502103	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 301491	3018 1363790	5518 4066188	25864	105840	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 1216814	6940 5244053	17324 13805728	107125	439739	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 1405623	10903 5957444	21445 15613328	123809	510315	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 696544	6314 3170796	11464 9632128	43103	210544	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 400178	3358 1661255	7596 4637627	39886	147822	+++++ 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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	TBAd9	Ave	+++++ 443562	4134 1884451	8007 5253816	38076	151588	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 1406895	12855 6031988	22785 16861644	121193	511193	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 381284	4349 1551107	6793 4578623	35163	139389	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	7516 2837943	19149 12140168	40779 23597673	244890	1028768	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 928642	5955 3567607	11612 10214461	73826	331553	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 2303899	17902 10130975	36433 22076295	202592	840843	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 959929	8554 3943710	16915 11020696	89275	352480	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++ 204406	1623 893656	2906 2520413	15850	74609	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 383425	3251 1654370	5914 4811412	31683	136193	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1698138	13119 7668530	28082 19476370	148199	626095	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Lin2	+++++ 137629	1972 572079	3073 1635652	13067	48931	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 415549	3741 1709123	7137 4849641	38670	150049	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 319355	2986 1406853	6079 3812437	26965	109933	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 125128	1063 554803	2171 1511852	10495	44213	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 551708	4521 2599850	5770 7401724	41847	186172	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	FB	Ave	+++++ 958011	6844 4206868	14148 11251664	80371	344906	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 154873	1486 638242	2435 1733892	14610	57975	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	FB	Ave	+++++	1247	2582	12585	53805	+++++	1.00	2.00	10.0	40.0

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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
			147174	629049	1741948			100	400	1000		
Methacrylonitrile	FB	Ave	+++++ 2590629	18597 11568643	36866 23126176	214335	928542	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 714470	6358 3033147	13504 8773566	67570	263648	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 734246	5529 2844324	10763 8377158	61503	262584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 626883	5649 2560399	9950 7584514	52463	225154	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 497737	4141 2038322	8241 6116341	41723	182759	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 673927	5742 2712330	10960 8046902	56845	243836	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	QuaF	+++++ 1122290	4379 5095748	10915 13497378	82179	362456	+++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 1822227	11944 7748179	25583 20511314	138764	644025	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 1902124	16599 7911882	32284 20107173	174729	699557	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 1433757	12057 6466068	25339 18296825	123232	531818	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 403045	3112 1806134	6900 4968178	34030	143629	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 622609	6519 2660229	11105 7431869	57092	235947	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 406320	3134 1550927	5960 4401083	30892	140362	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 214914	+++++ 1202257	+++++ 3454486	+++++	51515	+++++ 1250	+++++ 5000	+++++ 12500	+++++	500
Trichloroethene	FB	Ave	+++++ 398456	4178 1631093	6751 4765492	35208	145486	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 784285	6163 3052496	10450 8763539	59791	280422	+++++ 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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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
Ethyl acrylate	FB	QuaF	+++++ 63933	394 281618	508 785928	5051	21975	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 537518	5892 2224963	9988 6183296	48485	200789	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 232033	1850 1057523	3585 2878119	16908	79510	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 56524	1629 210091	2965 +++++	6105	21173	+++++ 1000	25.0 4000	50.0 +++++	100	400
Dibromomethane	FB	Ave	+++++ 229112	2854 966230	4362 2686618	21033	83625	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 1148620	8174 5232035	14829 13913325	89871	405422	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 543988	5334 2344223	9358 6581060	46362	196319	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 413649	3601 1841538	6516 4884282	33447	141866	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 368028	2454 1662627	4706 4416093	26972	129589	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	4534 1373329	8936 5812741	17385 15773217	105384	471521	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 774370	5799 3310658	11473 9085067	66017	280386	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 3840948	22356 16970828	45103 +++++	310734	1359053	+++++ 250	2.50 1000	5.00 +++++	25.0	100
Toluene	CBNZ d5	Ave	+++++ 1786741	15549 7484163	29672 19798377	158583	650118	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 696210	5884 3052421	10225 8300569	57083	250418	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 639871	3709 2851611	6803 7893914	43127	217494	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++	2835	5465	28769	119078	+++++	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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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
			319639	1368436	3599458			50.0	200	500		
Tetrachloroethene	CBNZ d5	Ave	+++++	2759	5447	25991	112534	+++++	0.500	1.00	5.00	20.0
			314213	1282693	3663476			50.0	200	500		
1,3-Dichloropropane	CBNZ d5	Ave	+++++	5623	11599	63194	263226	+++++	0.500	1.00	5.00	20.0
			717570	3004134	7979111			50.0	200	500		
2-Hexanone	BUT	Lin2	+++++	11160	26227	181539	843079	+++++	2.50	5.00	25.0	100
			2473093	11142583	24457487			250	1000	2500		
n-Butyl acetate	CBNZ d5	Ave	+++++	7123	16436	100291	423455	+++++	0.500	1.00	5.00	20.0
			1217098	5362024	14004685			50.0	200	500		
Dibromochloromethane	CBNZ d5	Ave	+++++	2807	5667	26547	113630	+++++	0.500	1.00	5.00	20.0
			317053	1402070	3758369			50.0	200	500		
Ethylene Dibromide	CBNZ d5	Ave	+++++	3021	5067	27404	115395	+++++	0.500	1.00	5.00	20.0
			324325	1378408	3664224			50.0	200	500		
Chlorobenzene	CBNZ d5	Ave	+++++	8989	16562	86115	342461	+++++	0.500	1.00	5.00	20.0
			941219	3910176	10496063			50.0	200	500		
Ethylbenzene	CBNZ d5	Ave	+++++	5019	8694	44219	193456	+++++	0.500	1.00	5.00	20.0
			549044	2244998	6088686			50.0	200	500		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++	2818	5240	25695	111132	+++++	0.500	1.00	5.00	20.0
			301214	1299496	3409315			50.0	200	500		
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++	5193	10647	57583	239621	+++++	0.500	1.00	5.00	20.0
			678060	2746515	7496276			50.0	200	500		
o-Xylene	CBNZ d5	Ave	+++++	4678	10852	53747	235346	+++++	0.500	1.00	5.00	20.0
			642927	2705150	7160306			50.0	200	500		
n-Butyl acrylate	CBNZ d5	Lin2	+++++	1570	4128	25537	117277	+++++	0.500	1.00	5.00	20.0
			356325	1617428	4272119			50.0	200	500		

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 1079399	7274 4610060	13540 12240922	83994	382953	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1296368	7909 5693435	15427 13969842	101911	444900	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	+++++ 206176	1536 919684	3262 2469758	16614	69796	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 1718839	14061 6907993	23769 15636214	141827	610560	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	+++++ 329087	2812 1353204	5576 3656472	28090	120069	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 513979	4133 2132385	7986 5789220	43716	186644	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2220342	15734 8835159	33524 16616620	178808	790409	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 134544	1244 545531	2078 1505540	11327	47329	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 208095	1479 912577	2946 2521810	16904	69345	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1440307	11066 5891998	21914 14366211	118349	511104	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1695872	12153 7148872	24787 15839360	134552	602774	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1387480	10415 5495646	21271 13916226	105403	486952	+++++ 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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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	+++++ 1349450	10052 5436048	19272 14359361	113970	484730	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Lin2	+++++ 499025	2253 2278050	6574 6353568	34448	157621	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1145543	8587 4500378	16184 12347381	92297	405123	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1401247	11037 5648501	19377 13702400	112922	491810	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1702668	12389 6730320	22882 14830397	131274	598318	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1375010	8896 5525070	18802 12921510	99598	471455	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 629677	4873 2602357	9177 7311240	53078	228231	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 632567	5804 2589515	10671 7392948	52681	226270	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1392398	10087 6040312	20828 13602351	114722	490024	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	+++++ 1019471	7140 4595058	12274 11623575	75950	355201	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	+++++ 1276113	9521 5480516	20229 12387026	104244	458515	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 687021	4431 2908784	9587 8077986	50897	240413	+++++ 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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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-Butylbenzene	DCBd 4	Ave	+++++	4406	11449	55342	266534	+++++	0.500	1.00	5.00	20.0
			774658	3044501	8519410			50.0	200	500		
1,2-Dichlorobenzene	DCBd 4	Ave	+++++	5246	9289	48150	214037	+++++	0.500	1.00	5.00	20.0
			585940	2460721	6872614			50.0	200	500		
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++	9056	14508	80636	377688	+++++	0.500	1.00	5.00	20.0
			1078198	4956247	11888695			50.0	200	500		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	782	1550	6705	26796	+++++	0.500	1.00	5.00	20.0
			78431	343095	984456			50.0	200	500		
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++	3620	5690	28096	131583	+++++	0.500	1.00	5.00	20.0
			375622	1652621	4535309			50.0	200	500		
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++	3387	6064	27470	118934	+++++	0.500	1.00	5.00	20.0
			336840	1428661	4012789			50.0	200	500		
Hexachlorobutadiene	DCBd 4	Ave	+++++	1359	2448	11271	50924	+++++	0.500	1.00	5.00	20.0
			136110	550563	1546520			50.0	200	500		
Naphthalene	DCBd 4	Ave	+++++	7878	13834	74947	358221	+++++	0.500	1.00	5.00	20.0
			1050760	4716194	11425798			50.0	200	500		
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++	2035	5245	22959	108772	+++++	0.500	1.00	5.00	20.0
			310308	1302103	3663267			50.0	200	500		
Dibromofluoromethane (Surr)	FB	Ave	185253	175331	176268	172503	182446	50.0	50.0	50.0	50.0	50.0
			197046	241284	239986			50.0	50.0	50.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	309948	292501	287847	275493	282389	50.0	50.0	50.0	50.0	50.0
			304651	381941	388341			50.0	50.0	50.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	912374	845325	844578	849224	894555	50.0	50.0	50.0	50.0	50.0
			986551	1133514	1151230			50.0	50.0	50.0		
Bromofluorobenzene	CBNZ d5	Ave	182586	169691	170760	164480	179404	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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

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
			200905	234194	219485			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.: 460-267360-1 Analy Batch No.: 869565

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2022 15:52 Calibration End Date: 10/01/2022 18:20 Calibration ID: 91464

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-869565/3	V25690.D
Level 2	STD05 460-869565/4	V25691.D
Level 3	STD1 460-869565/5	V25692.D
Level 4	STD5 460-869565/6	V25693.D
Level 5	STD20 460-869565/7	V25694.D
Level 6	STD50 460-869565/8	V25695.D
Level 7	STD200 460-869565/9	V25696.D
Level 8	STD500 460-869565/10	V25697.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
2,2-Dichloropropane	+++++	0.7						30				
2-Hexanone	+++++	2.9						30				
n-Butyl acrylate	+++++	3.0						30				
Butyl Methacrylate	+++++	-0.6						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 01-Oct-2022 15:52:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0151144-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:11:22 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: W9CM Date: 02-Oct-2022 09:27:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.492	1.492	0.000	84	2672	0.2500	0.2191	
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	97	57336	1000.0	1000.0	
35 Acrylonitrile	53	2.841	2.795	0.046	95	7516	2.00	1.65	M
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	769480	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	93	185253	50.0	49.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	96	309948	50.0	51.5	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	801538	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	90	22162	1000.0	1000.0	
80 Epichlorohydrin	57	5.972	5.938	0.034	96	4534	5.00	3.88	
$ 82 Toluene-d8 (Surr)	98	6.258	6.258	0.000	96	912374	50.0	49.2	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	95	487874	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	182586	50.0	49.3	
* 106 1,4-Dichlorobenzene-d4	152	10.476	10.476	0.000	97	217994	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

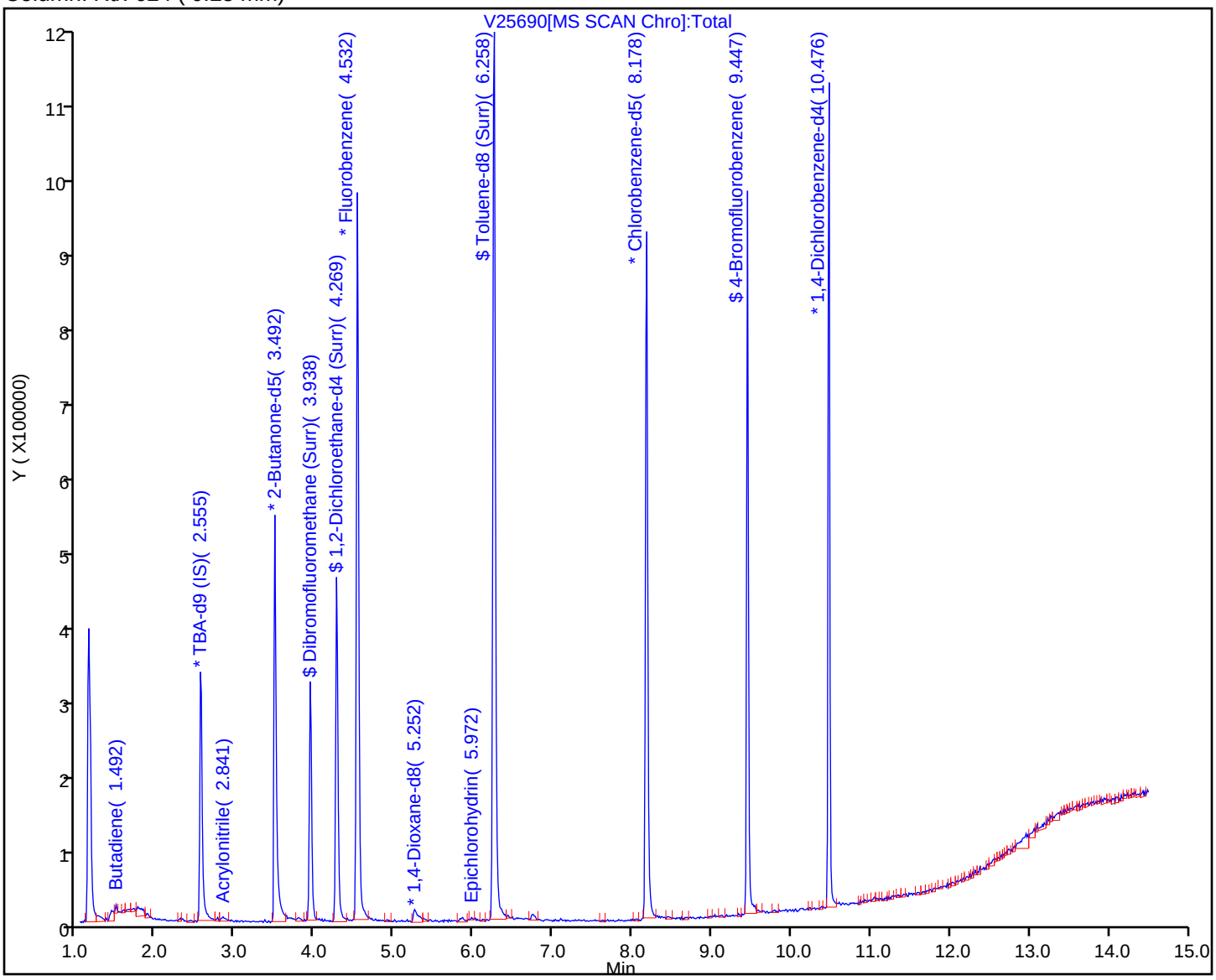
Reagents:

GASES Li_00496	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00159	Amount Added:	0.00	Units: uL	
524freon_00057	Amount Added:	0.00	Units: uL	
ACROLEIN W_00144	Amount Added:	0.00	Units: uL	
14DIOXINTER_00146	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00104	Amount Added:	20.00	Units: uL	
MIX I Hi_00155	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	0.00	Units: uL	
Ethanol mix_00069	Amount Added:	0.00	Units: uL	
8FreonHi_00049	Amount Added:	0.00	Units: uL	
GAS Hi_00425	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Oct-2022 10:11:24 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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)



Manual Integration/User Assign Peak Report

Eurofins Edison

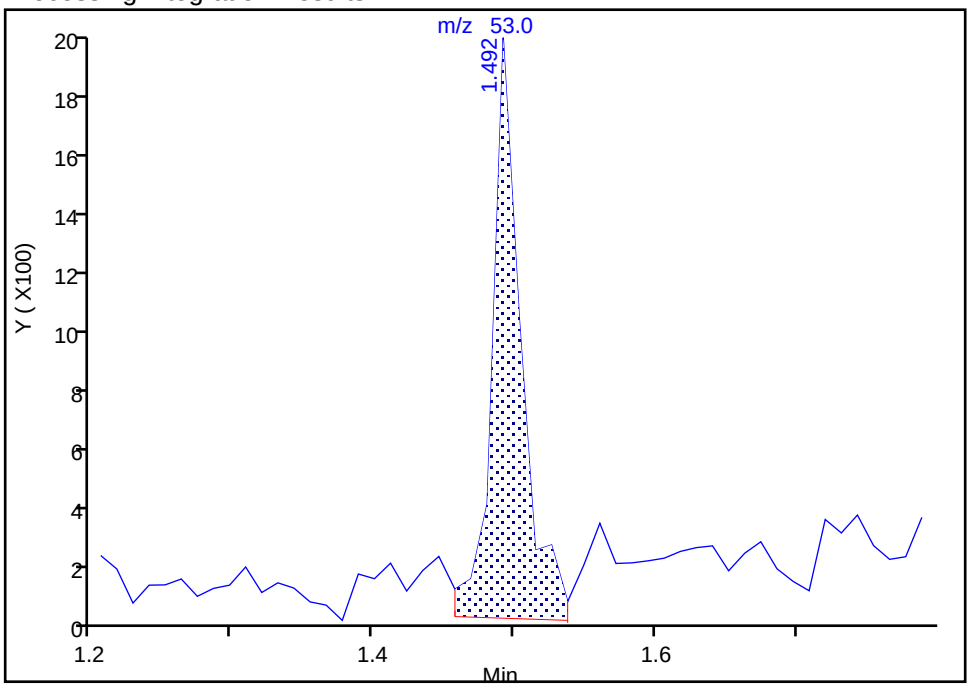
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 2

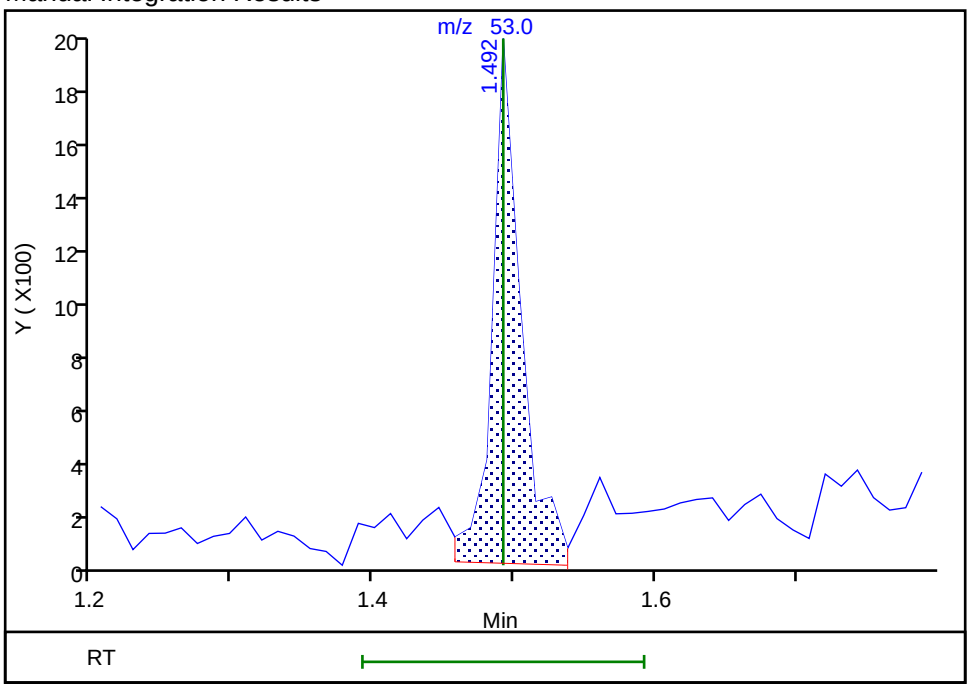
Processing Integration Results

RT: 1.49
Area: 2858
Amount: 0.219075
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 2858
Amount: 0.219075
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:22:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

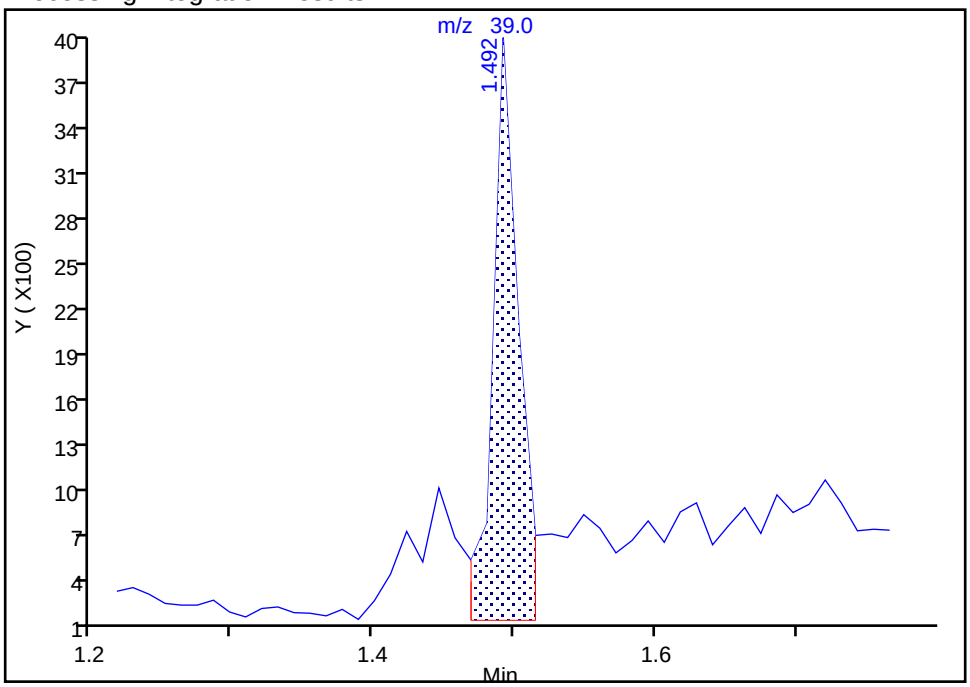
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 3

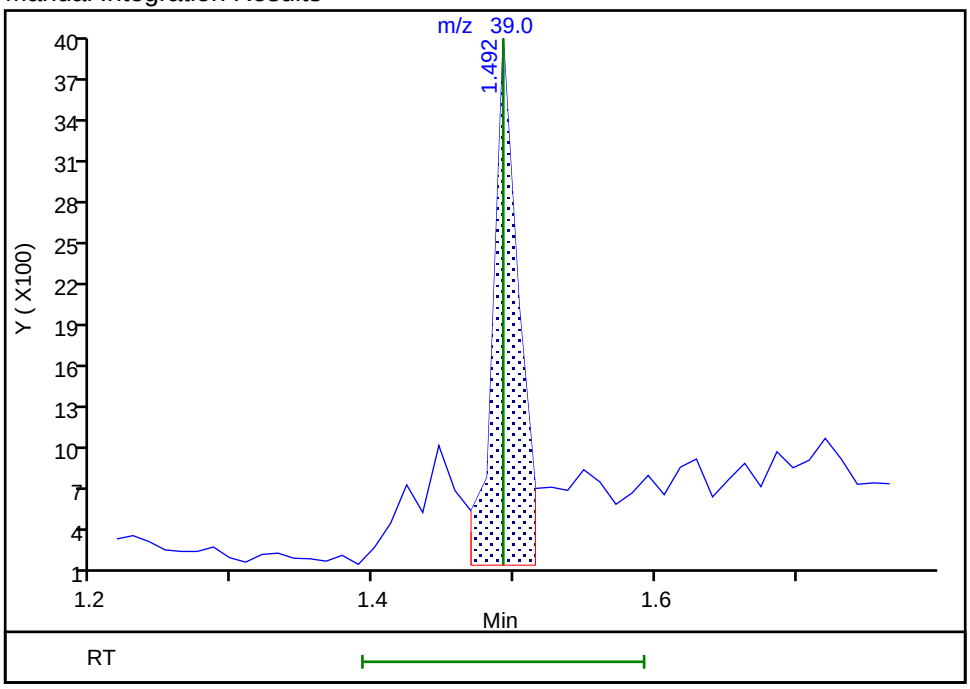
Processing Integration Results

RT: 1.49
Area: 4957
Amount: 0.219075
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 4957
Amount: 0.219075
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:22:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

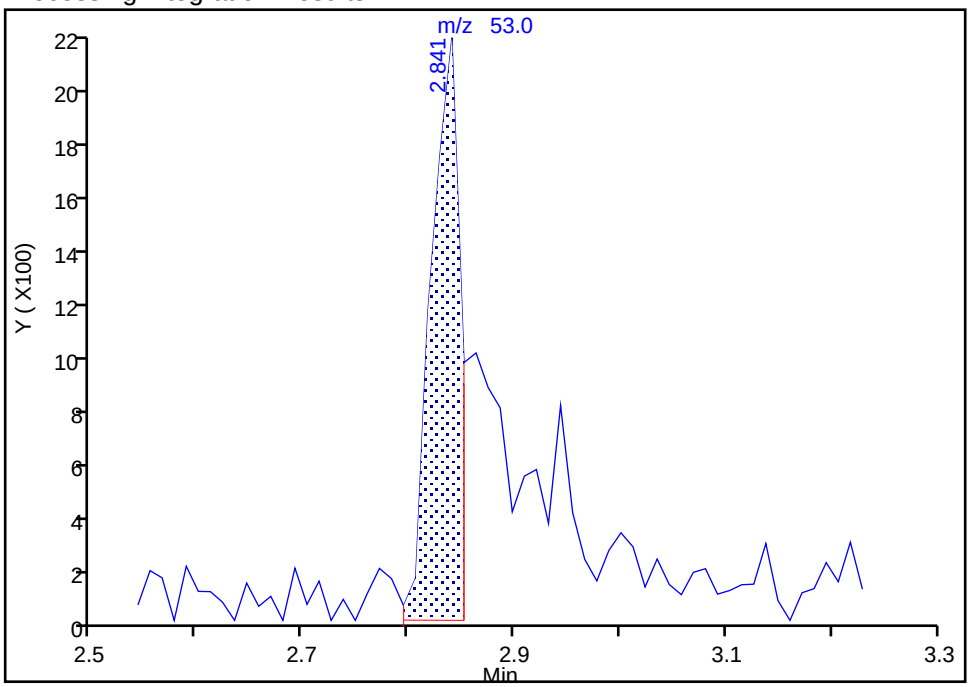
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

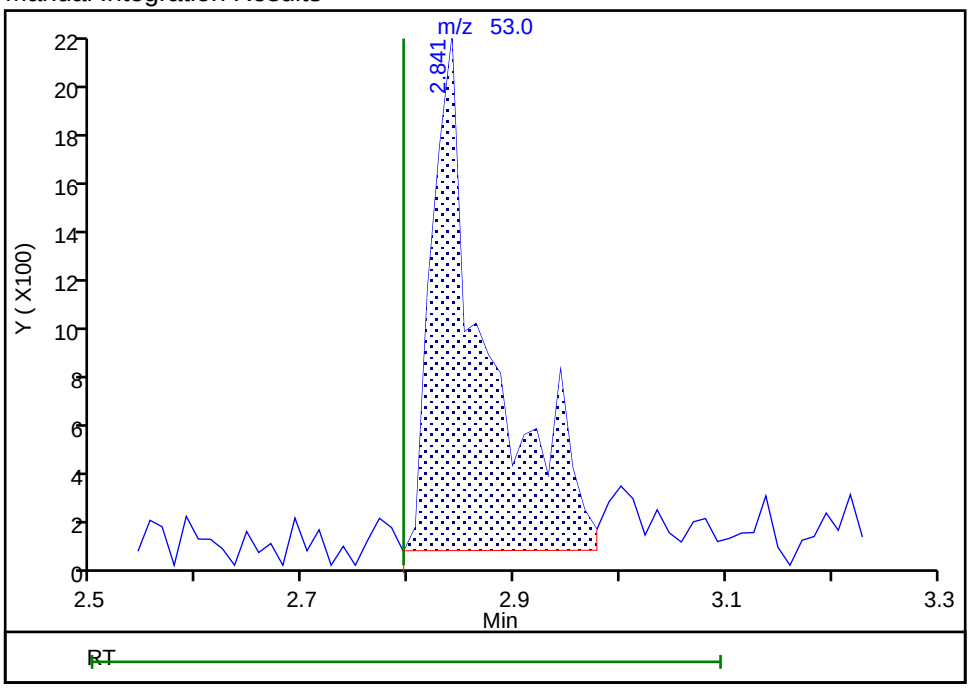
Processing Integration Results

RT: 2.84
Area: 4139
Amount: 0.719045
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 7516
Amount: 1.646646
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:23:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

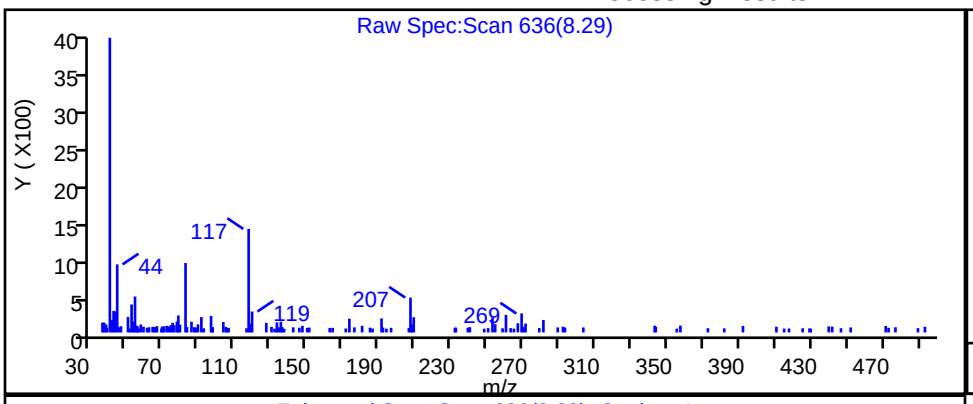
User Disabled Compound Report

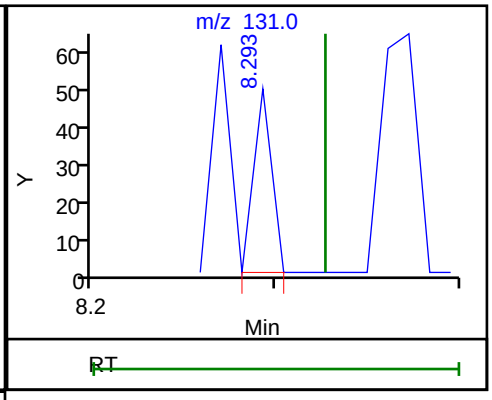
Eurofins Edison

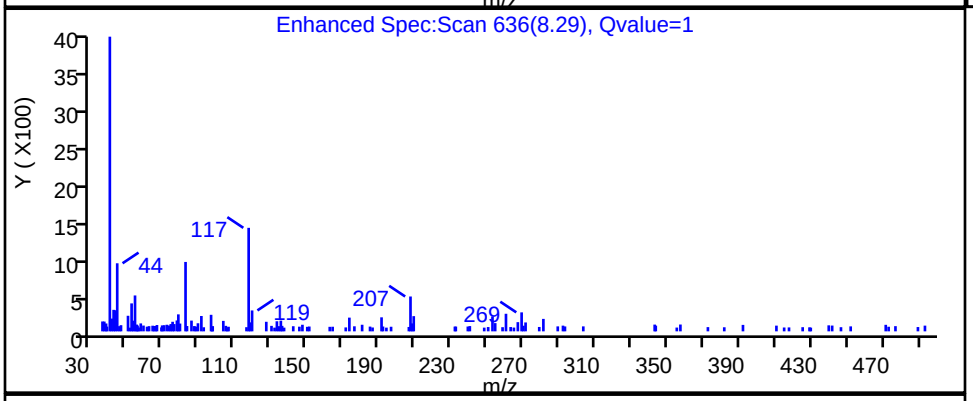
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

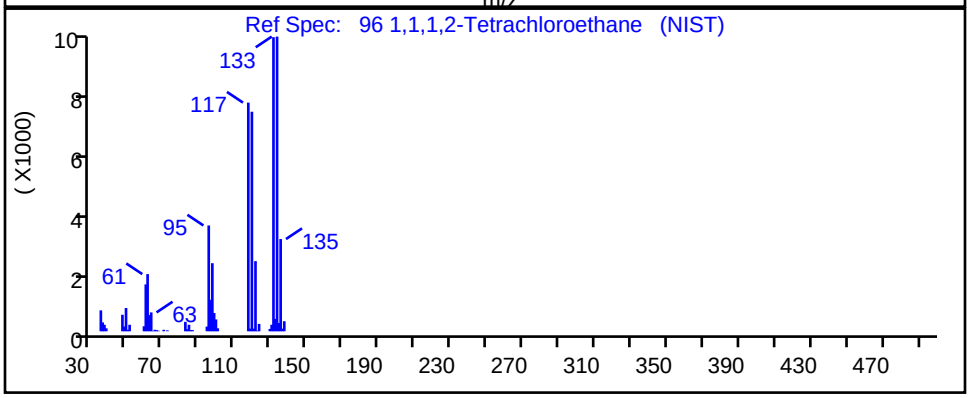
96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
8.29	131.00	34	0.005970

Reviewer: W9CM, 02-Oct-2022 09:26:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

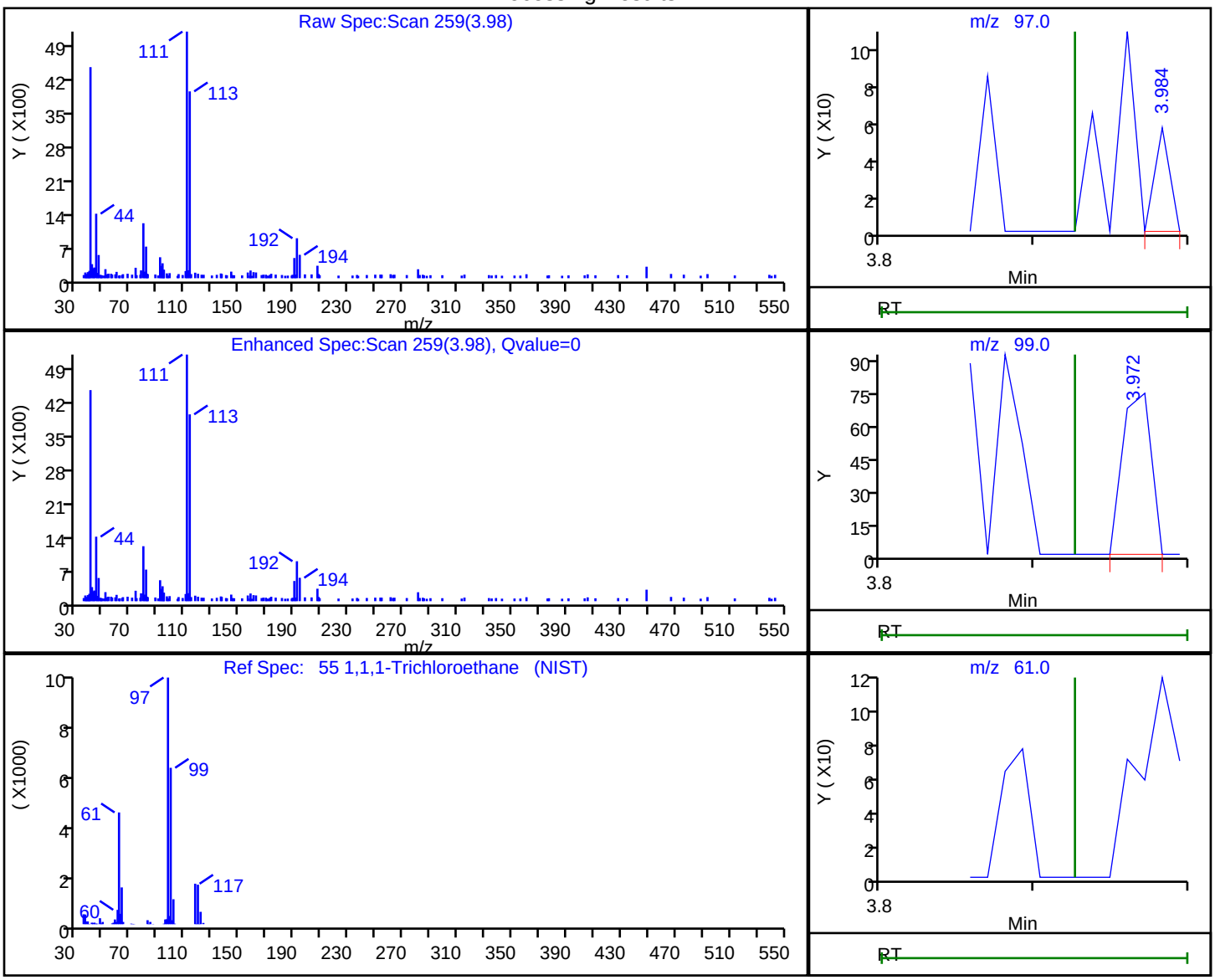
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

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

Processing Results



RT	Mass	Response	Amount
3.98	97.00	38	0.003360
3.97	99.00	98	
3.98	61.00	210	

Reviewer: W9CM, 02-Oct-2022 09:25:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

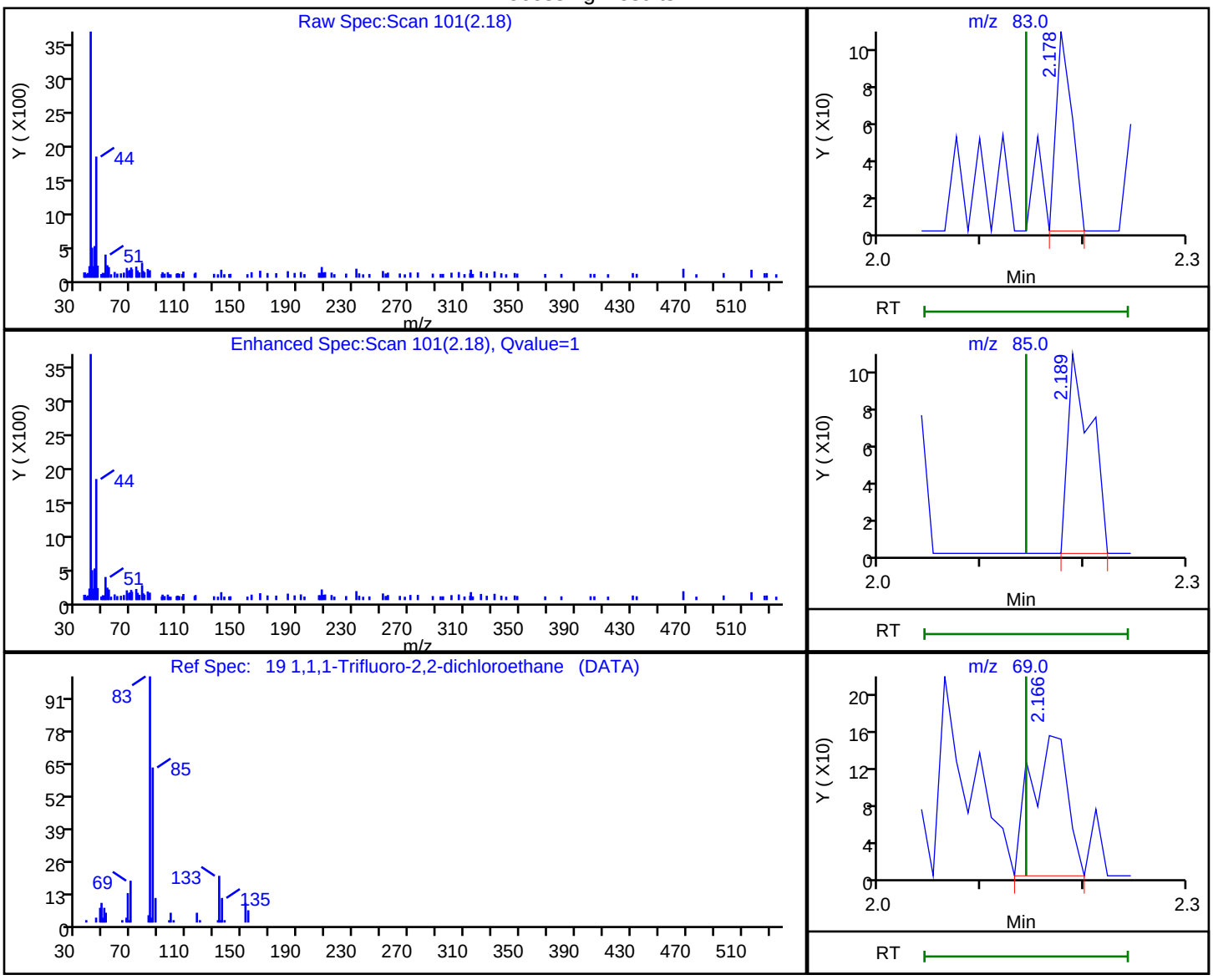
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

19 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.18	83.00	118	0.011166
2.19	85.00	158	
2.17	69.00	383	
2.19	67.00	70	

Reviewer: W9CM, 02-Oct-2022 09:22:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

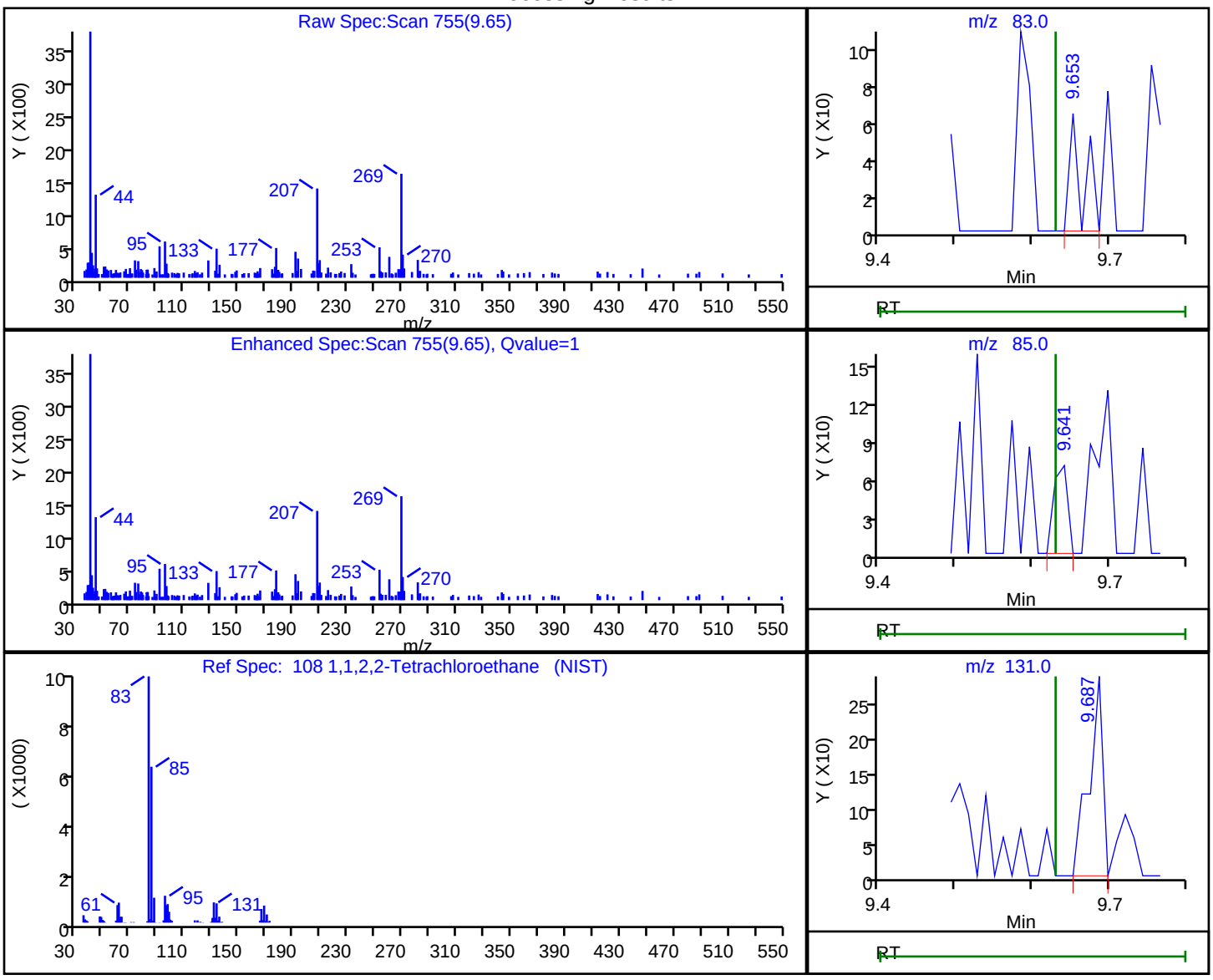
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
9.65	83.00	78	0.008371
9.64	85.00	89	
9.69	131.00	362	

Reviewer: W9CM, 02-Oct-2022 09:26:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

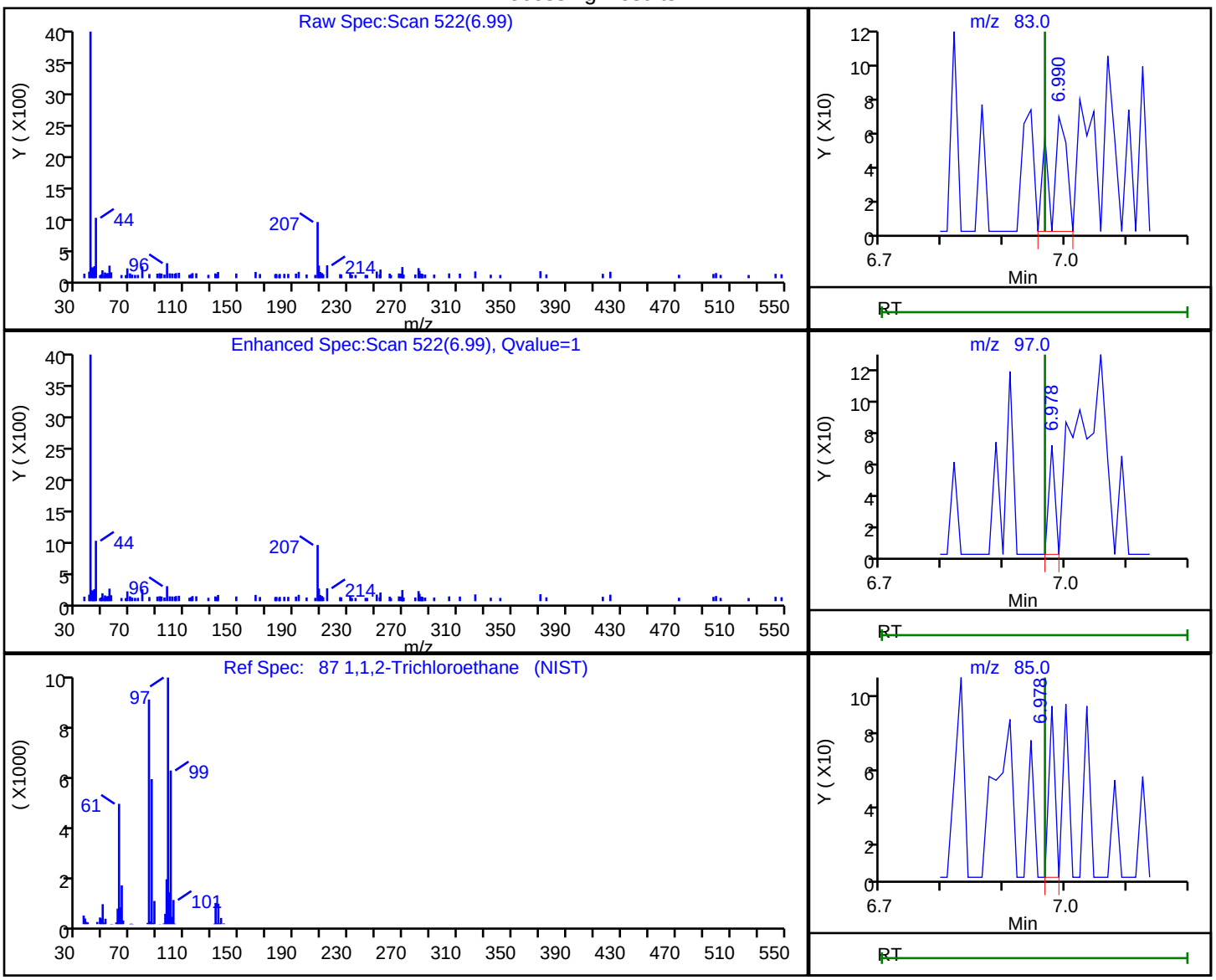
User Disabled Compound Report

Eurofins Edison

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Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.99	83.00	118	0.019592
6.98	97.00	49	
6.98	85.00	62	

Reviewer: W9CM, 02-Oct-2022 09:26:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

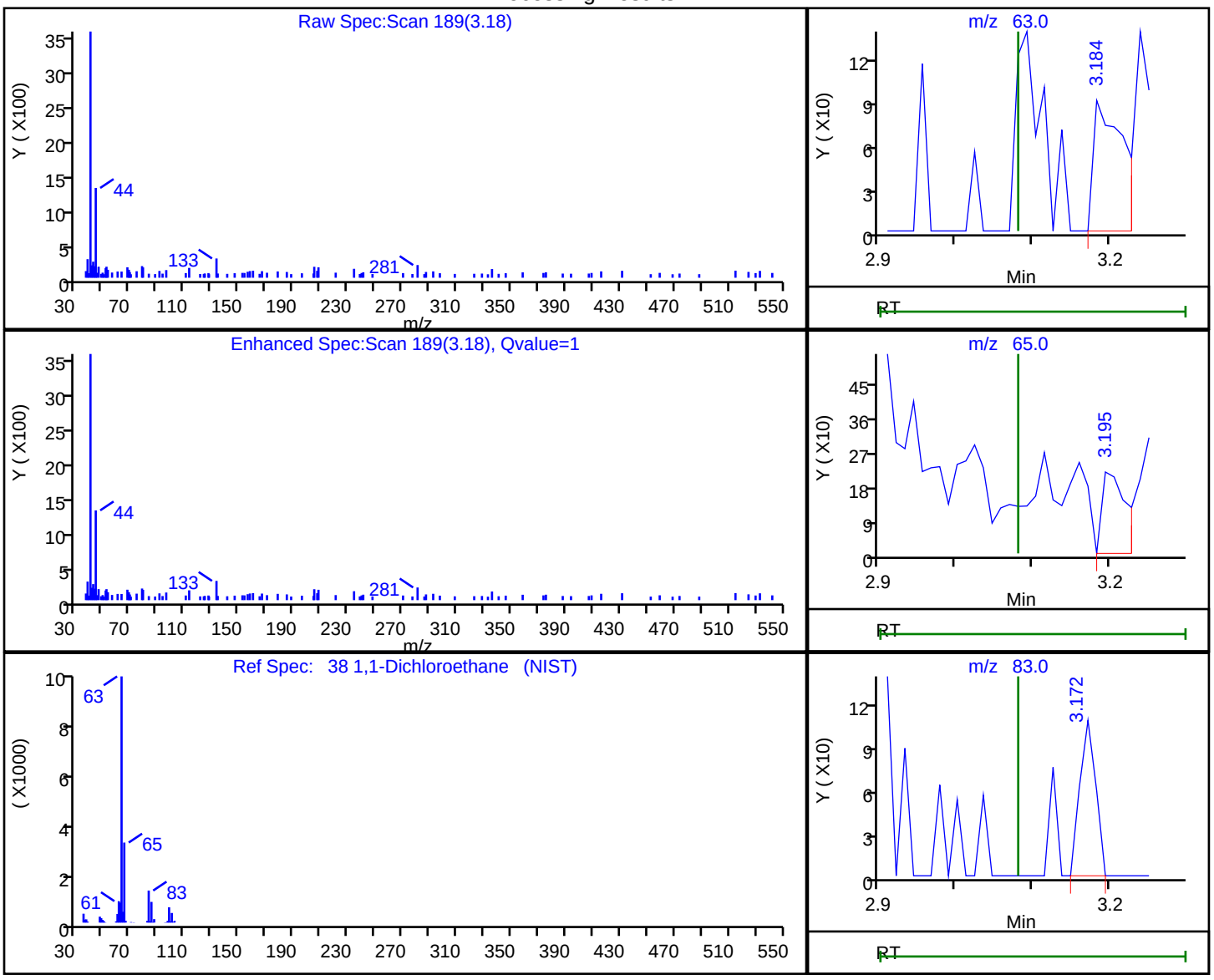
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.18	63.00	238	0.013402
3.19	65.00	462	
3.17	83.00	154	

Reviewer: W9CM, 02-Oct-2022 09:23:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

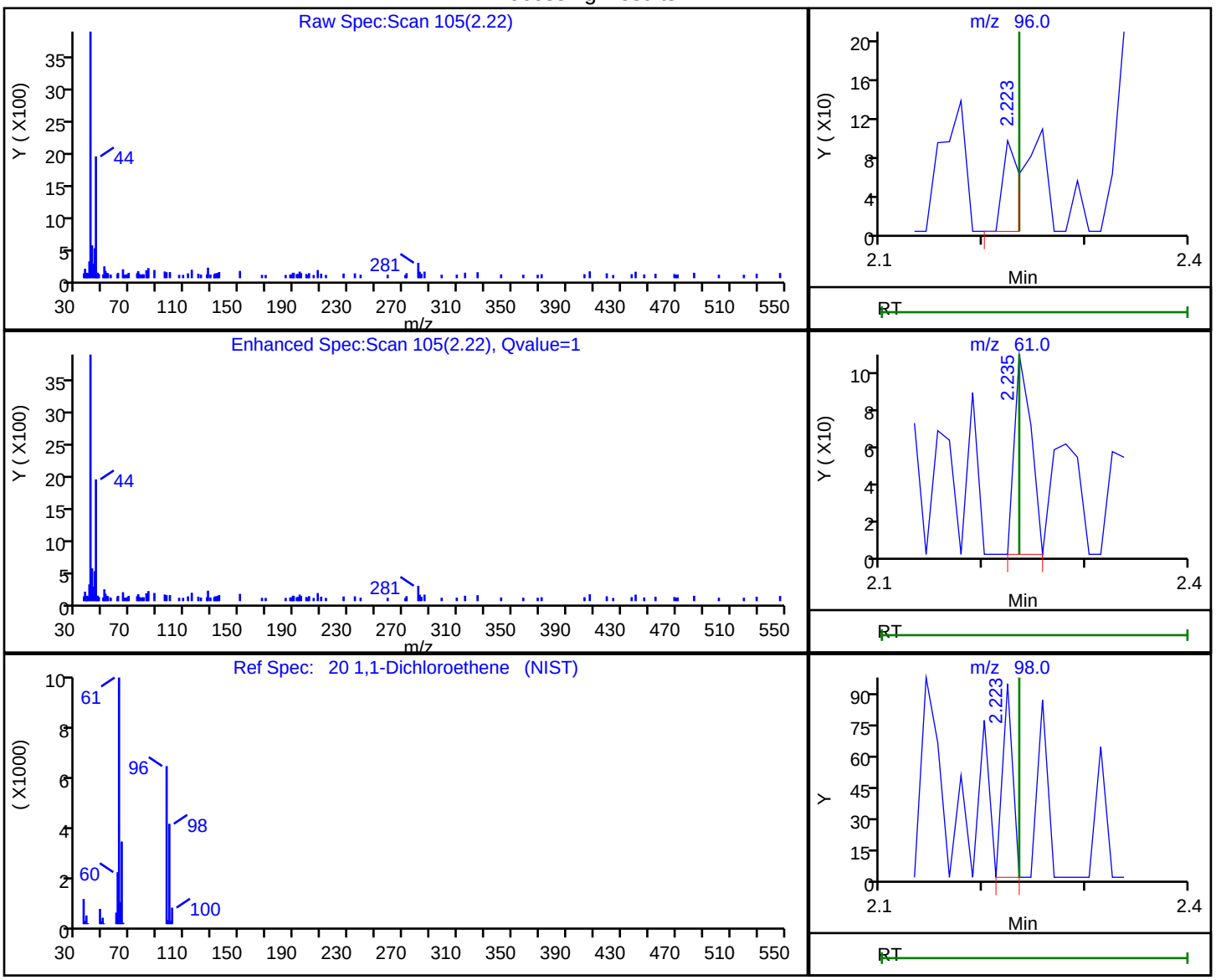
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.22	96.00	104	0.016338
2.23	61.00	119	
2.22	98.00	65	
2.23	63.00	49	

Reviewer: W9CM, 02-Oct-2022 09:22:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

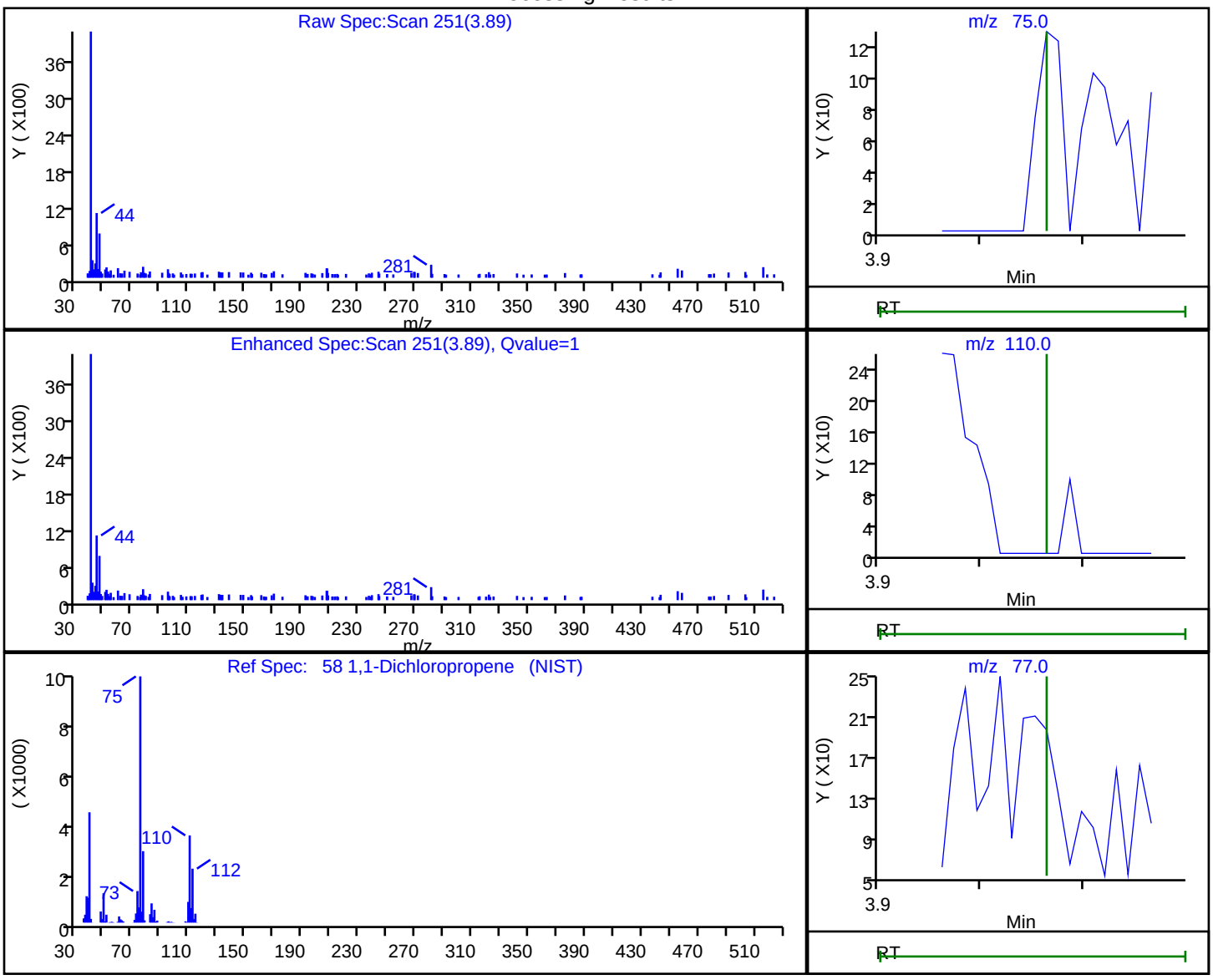
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

58 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.89	75.00	101	0.008366
3.88	110.00	177	
3.92	77.00	840	

Reviewer: W9CM, 02-Oct-2022 09:25:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

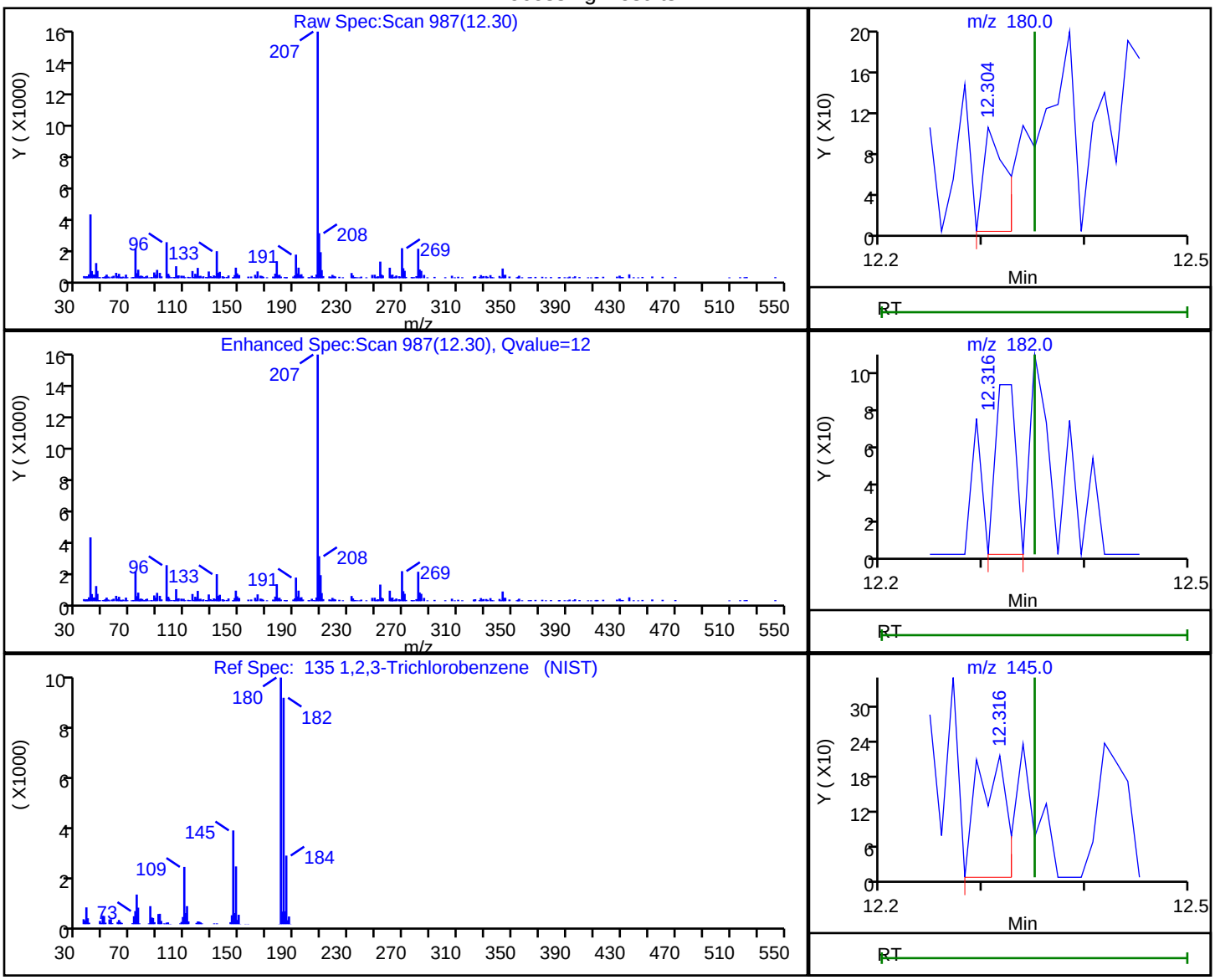
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.30	180.00	158	0.028955
12.32	182.00	123	
12.32	145.00	422	

Reviewer: W9CM, 02-Oct-2022 09:27:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

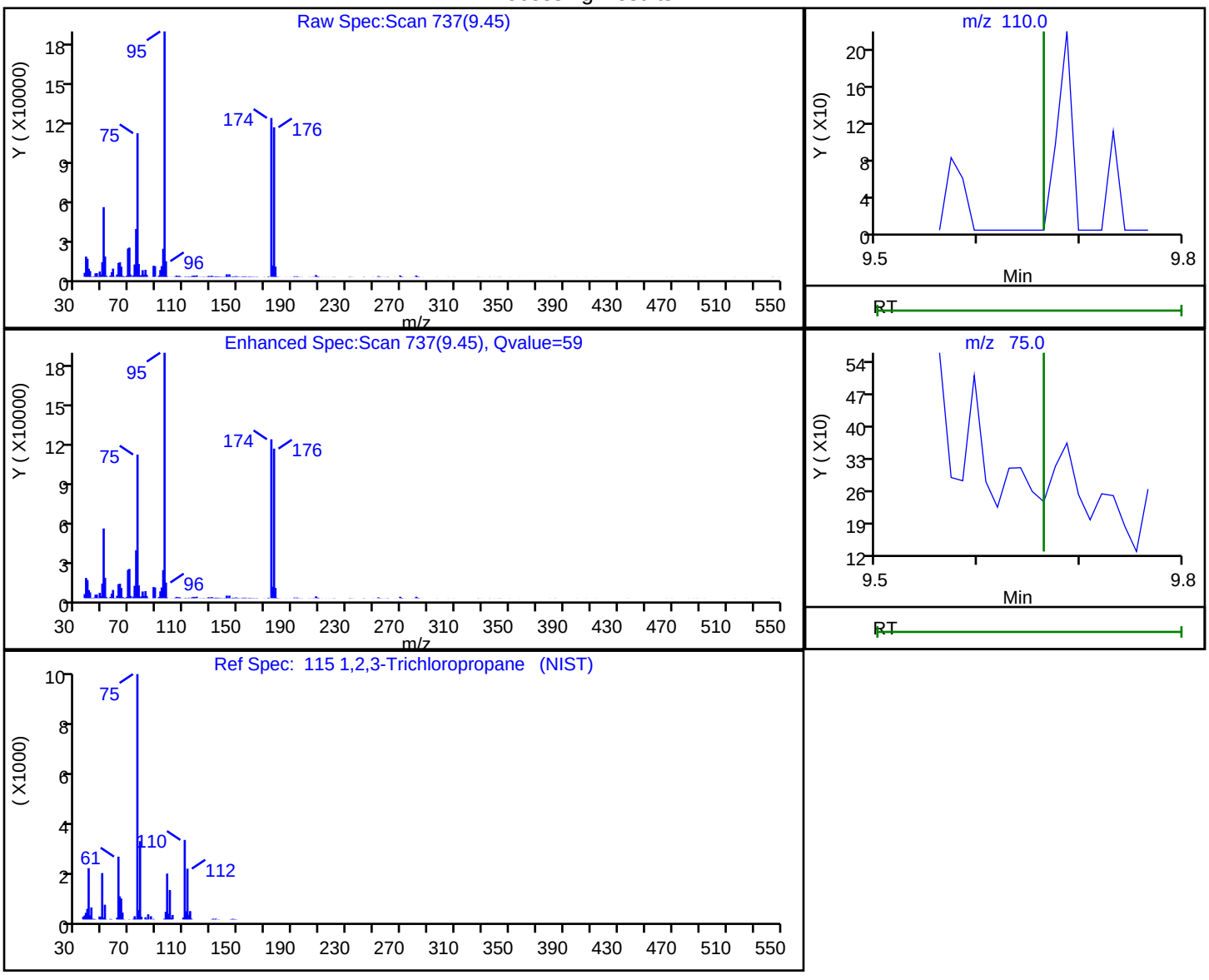
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D				
Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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		

115 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.45	110.00	171	0.069373
9.45	75.00	166364	

Reviewer: W9CM, 02-Oct-2022 09:26:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

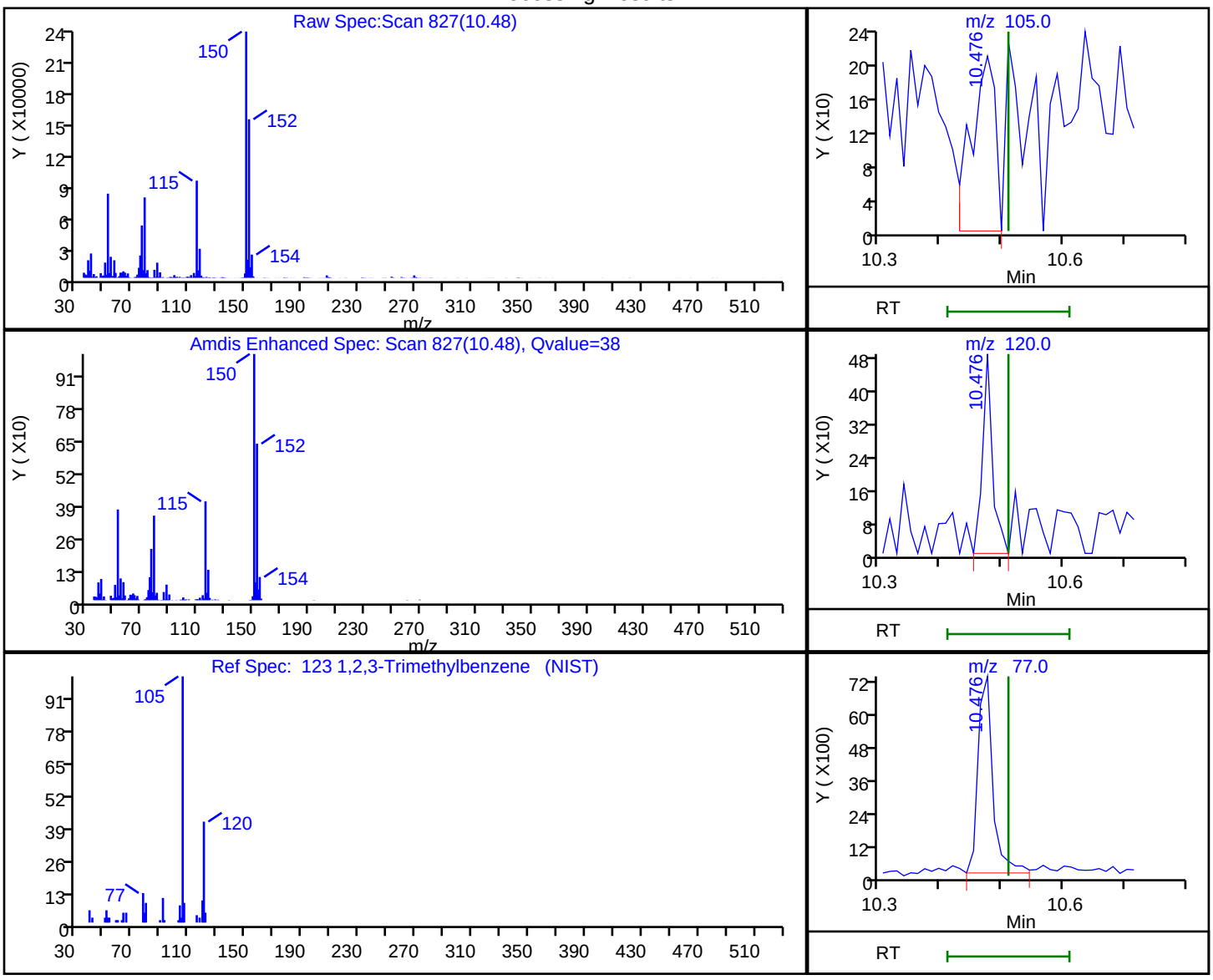
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D				
Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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		

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.48	105.00	559	0.023087
10.48	120.00	555	
10.48	77.00	12347	

Reviewer: W9CM, 02-Oct-2022 09:26:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

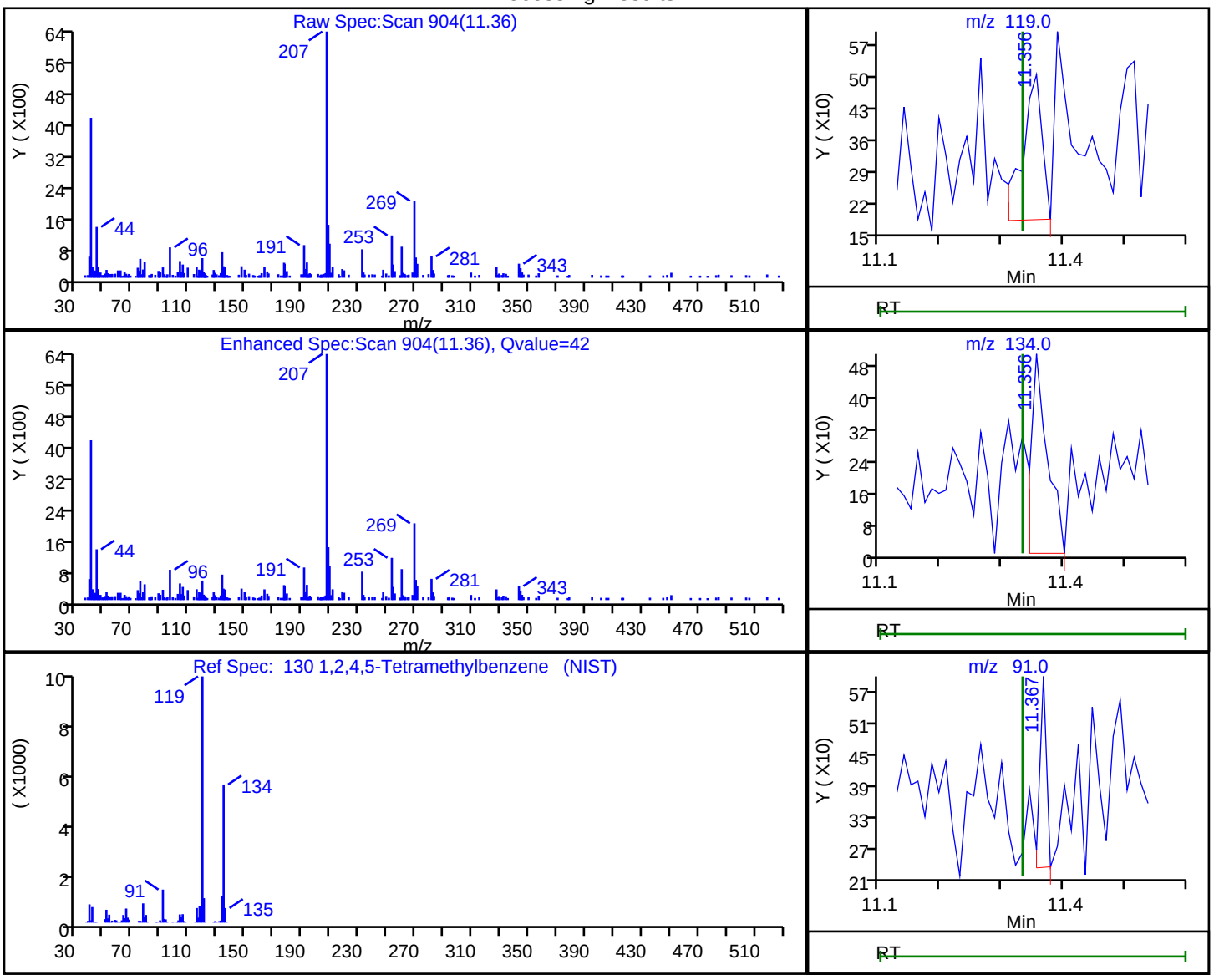
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
11.36	119.00	715	0.037478
11.36	134.00	938	
11.37	91.00	271	

Reviewer: W9CM, 02-Oct-2022 09:27:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

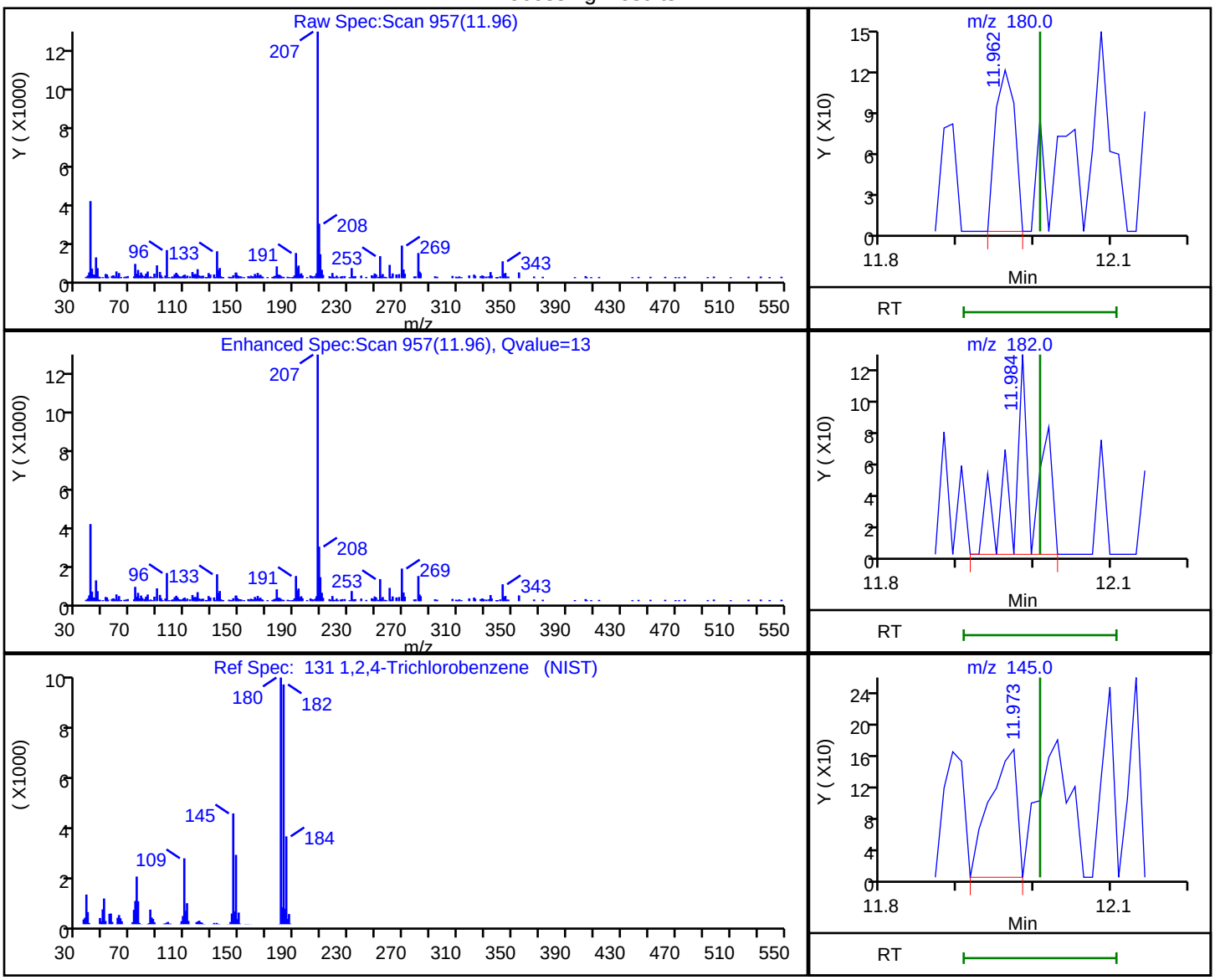
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D				
Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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
11.96	180.00	206	0.031869
11.98	182.00	254	
11.97	145.00	396	

Reviewer: W9CM, 02-Oct-2022 09:27:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

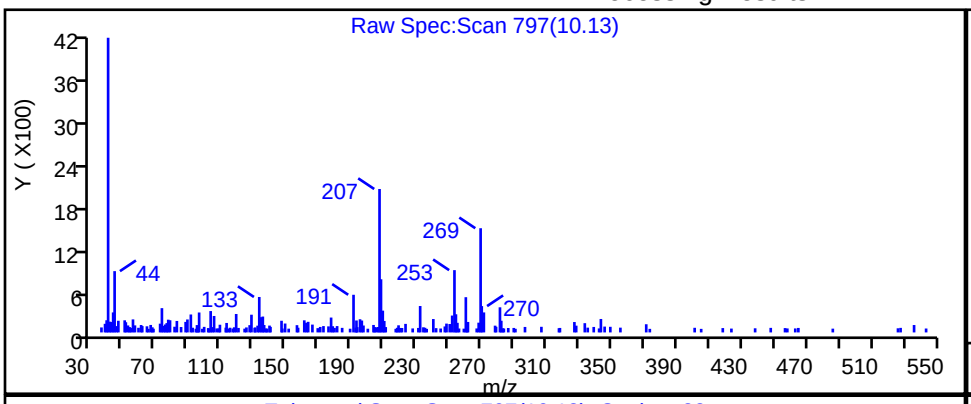
User Disabled Compound Report

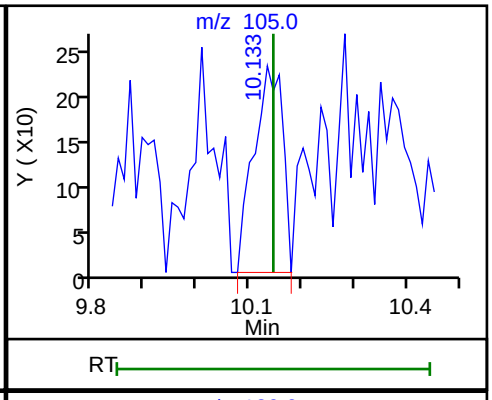
Eurofins Edison

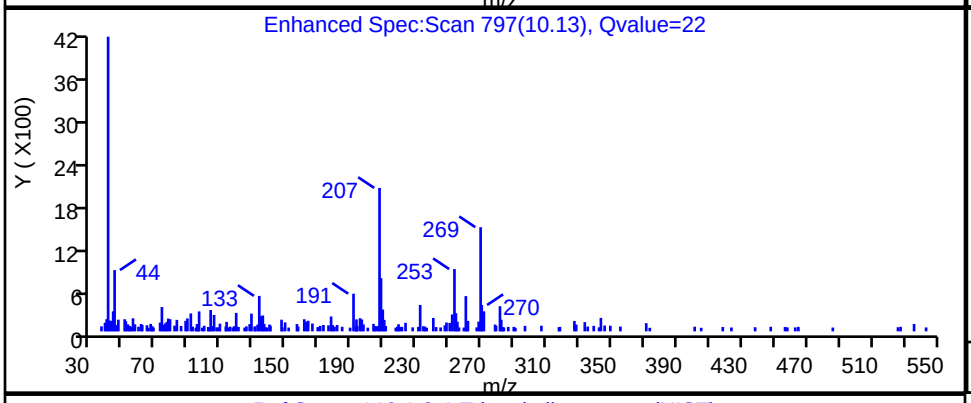
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

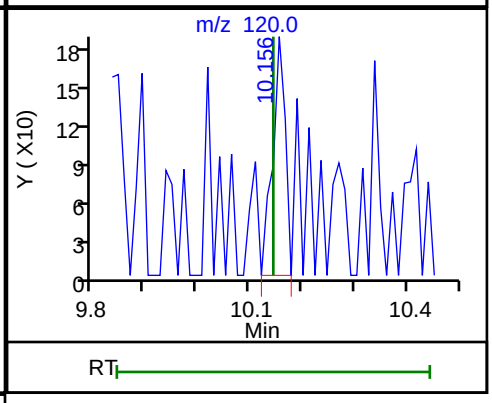
119 1,2,4-Trimethylbenzene, CAS: 95-63-6

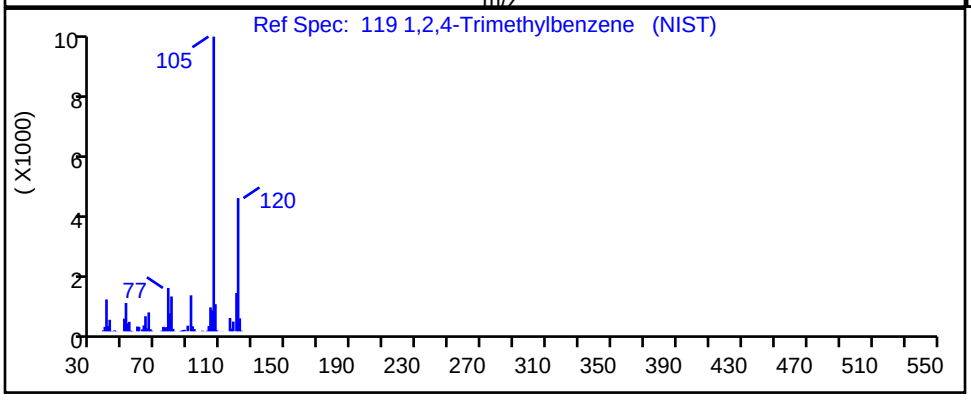
Processing Results











RT	Mass	Response	Amount
10.13	105.00	886	0.036827
10.16	120.00	318	

Reviewer: W9CM, 02-Oct-2022 09:26:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

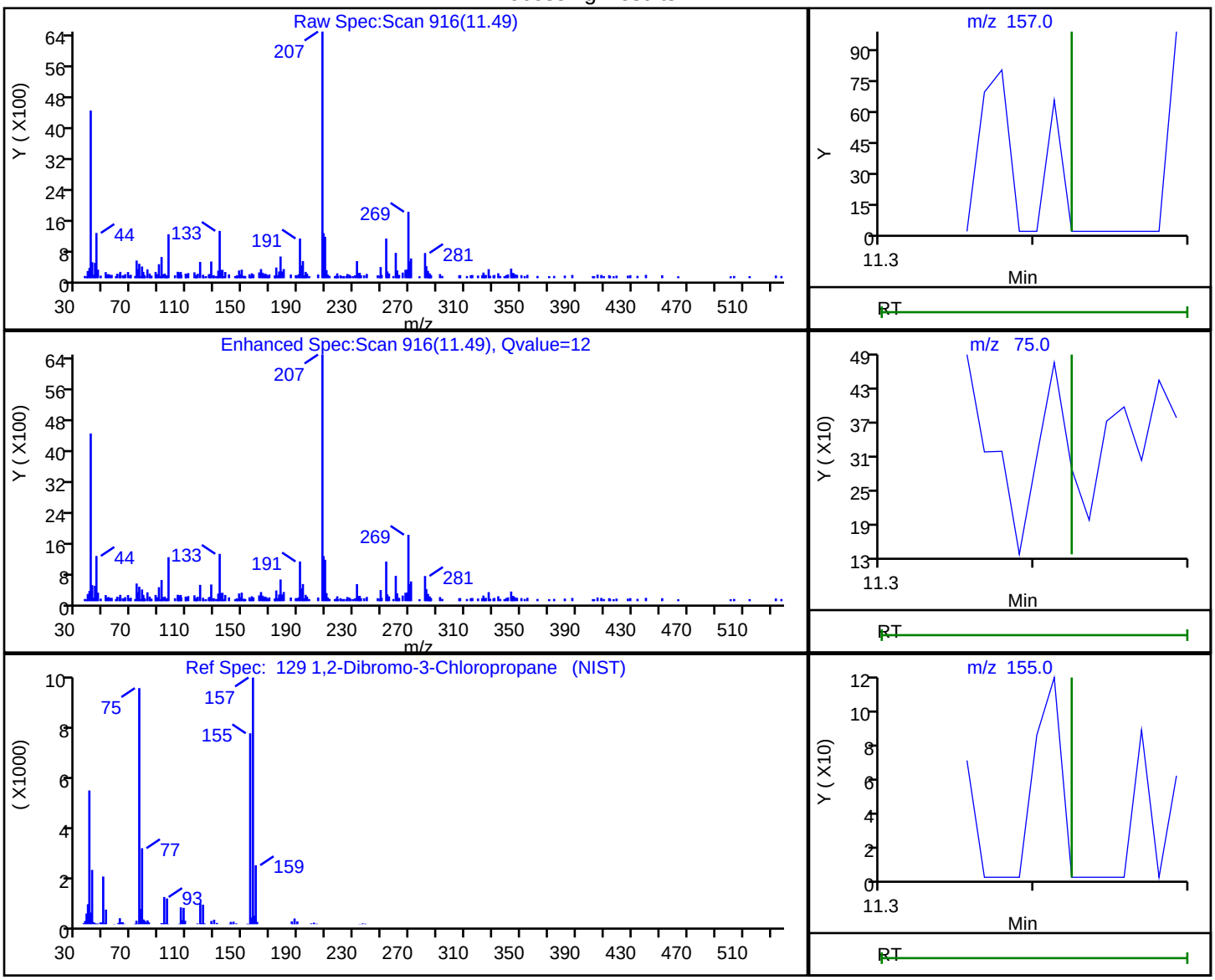
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.49	157.00	68	0.043982
11.48	75.00	495	
11.49	155.00	41	

Reviewer: W9CM, 02-Oct-2022 09:26:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

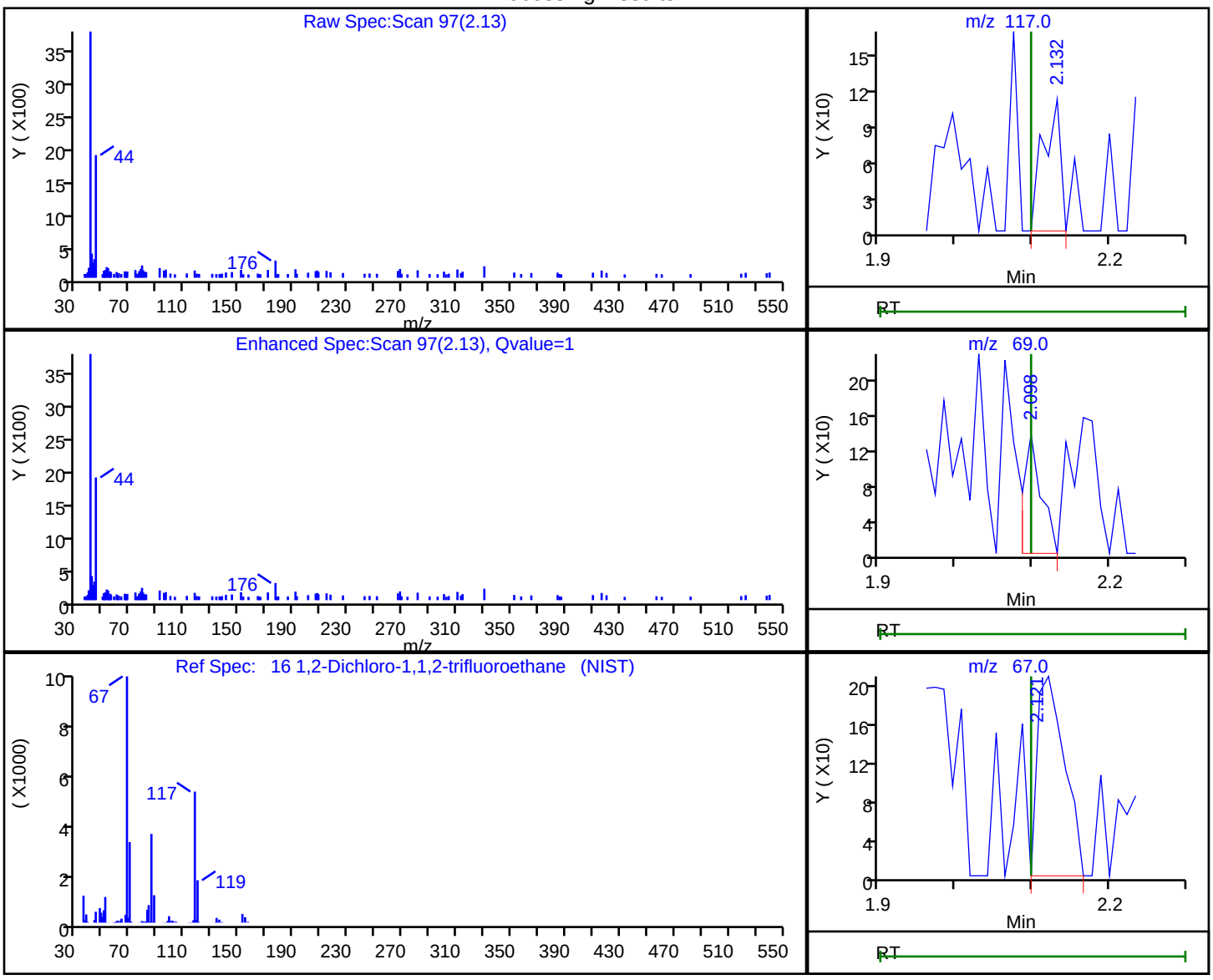
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.13	117.00	175	0.031222
2.10	69.00	219	
2.12	67.00	498	
2.11	119.00	359	

Reviewer: W9CM, 02-Oct-2022 09:22:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

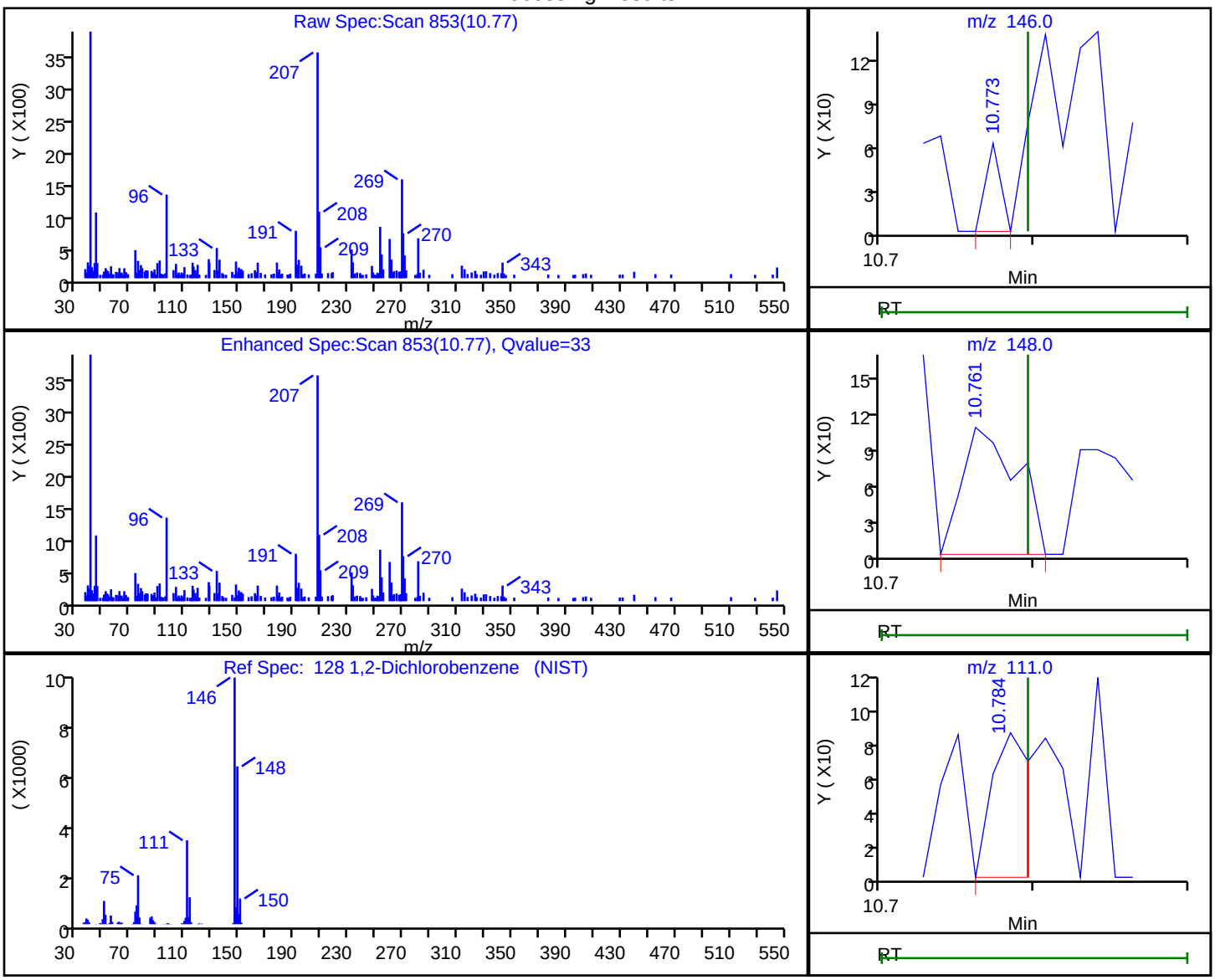
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
10.77	146.00	40	0.003684
10.76	148.00	270	
10.78	111.00	140	

Reviewer: W9CM, 02-Oct-2022 09:26:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

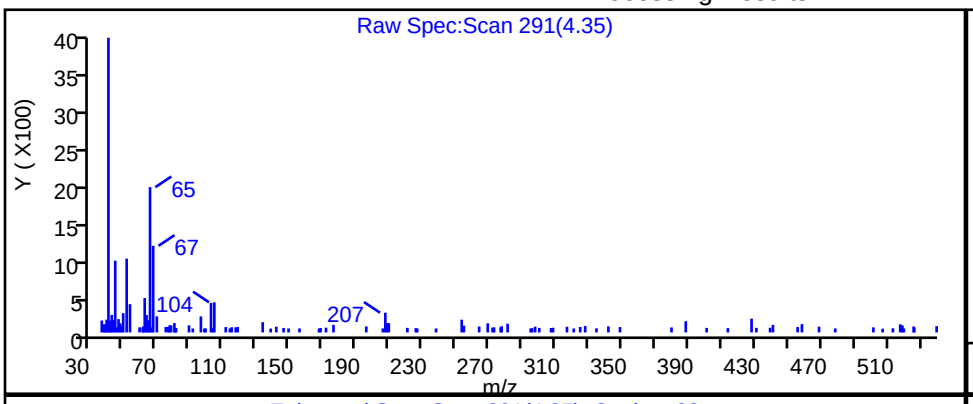
User Disabled Compound Report

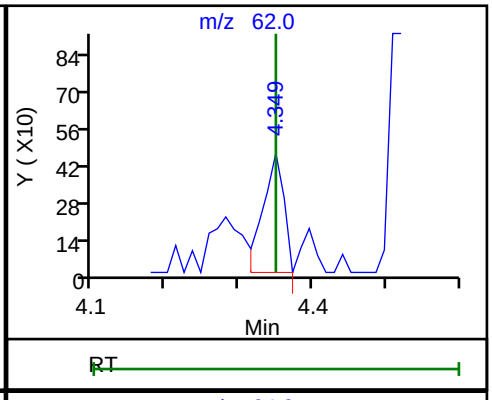
Eurofins Edison

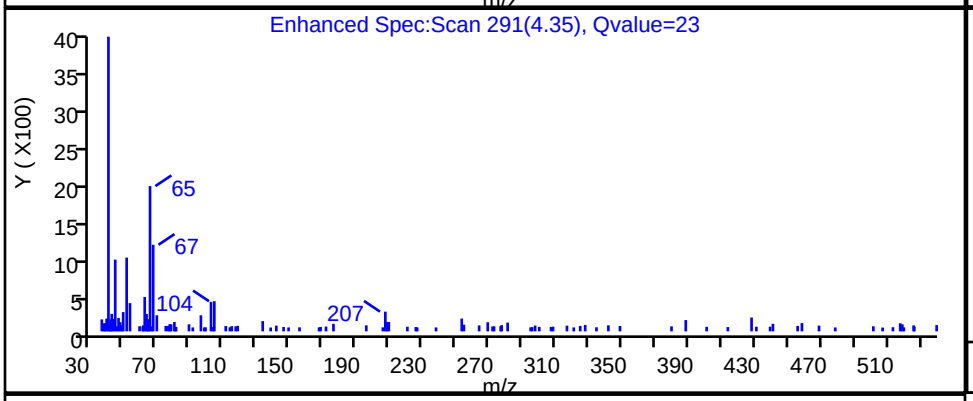
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

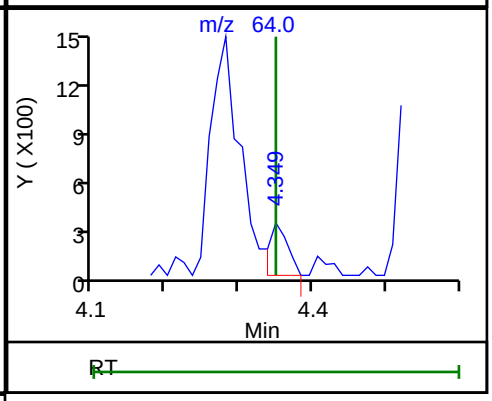
63 1,2-Dichloroethane, CAS: 107-06-2

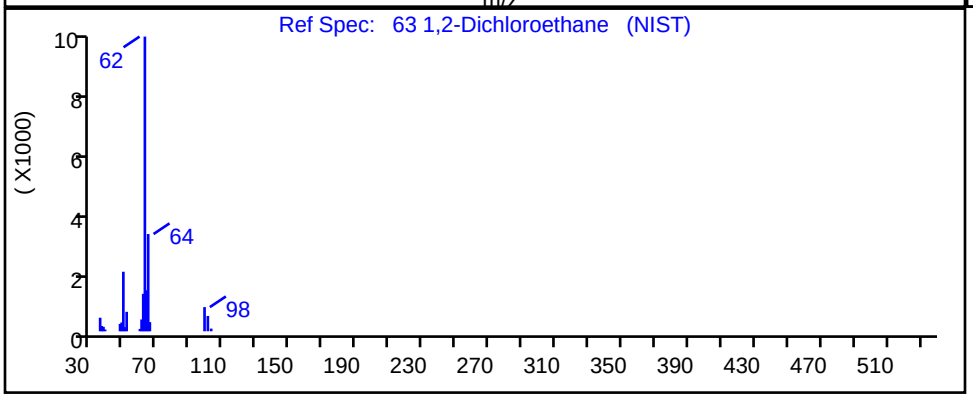
Processing Results











RT	Mass	Response	Amount
4.35	62.00	913	0.076134
4.35	64.00	562	

Reviewer: W9CM, 02-Oct-2022 09:25:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

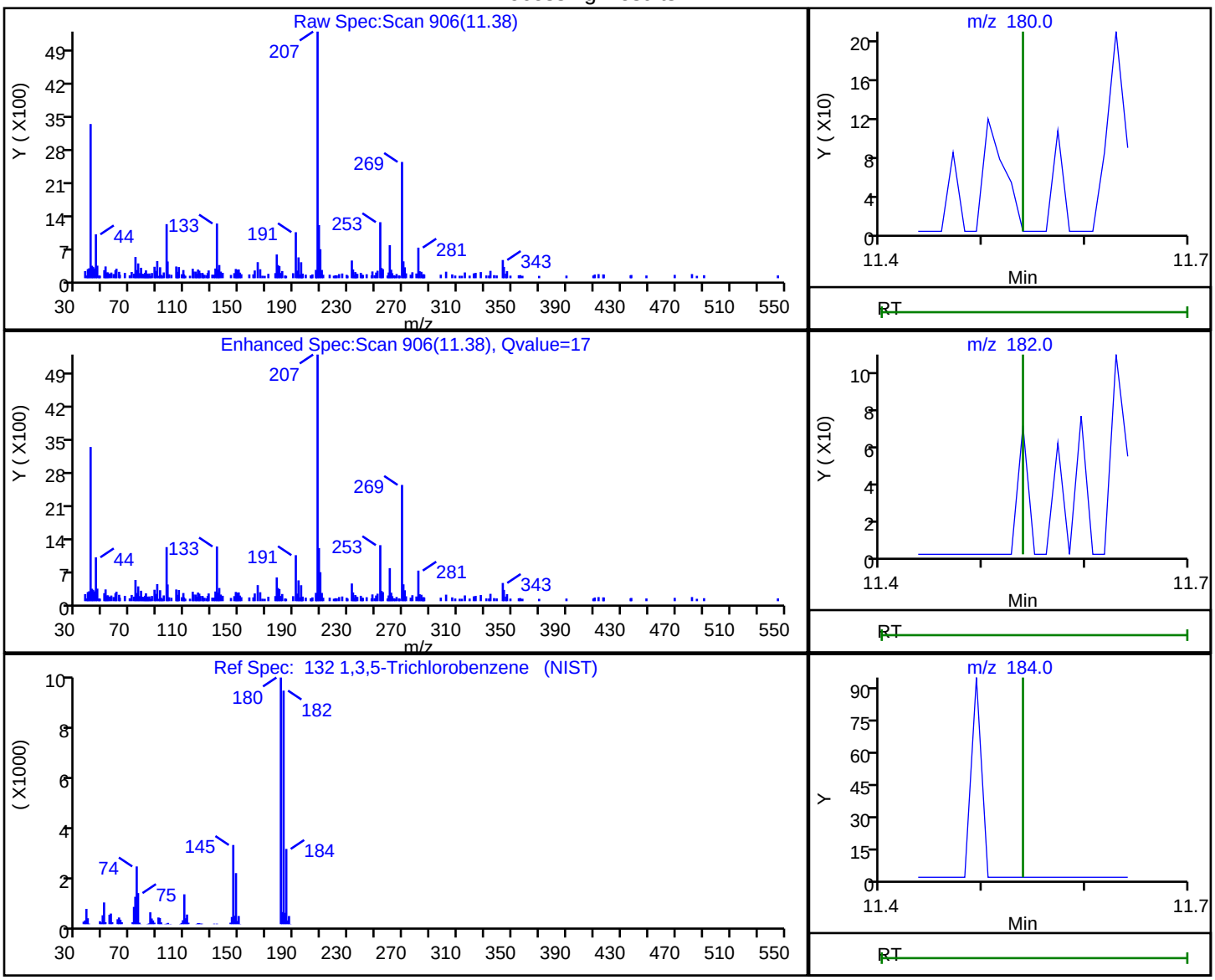
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D				
Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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		

132 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.38	180.00	197	0.028369
11.37	182.00	43	
11.37	184.00	91	

Reviewer: W9CM, 02-Oct-2022 09:27:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

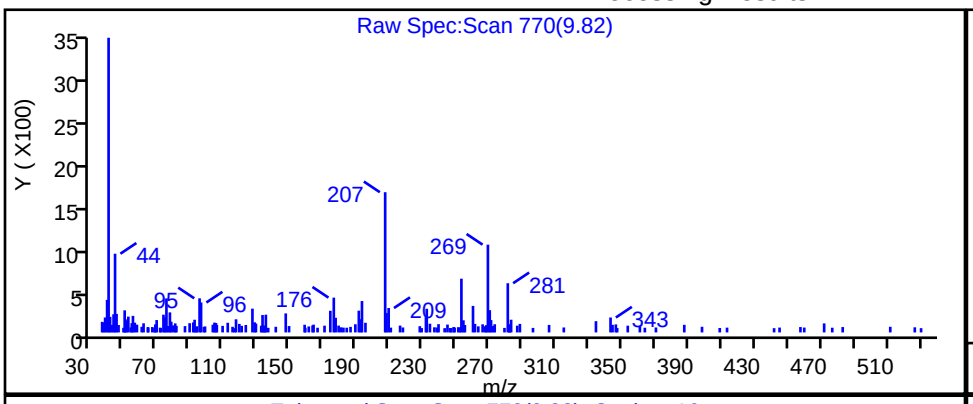
User Disabled Compound Report

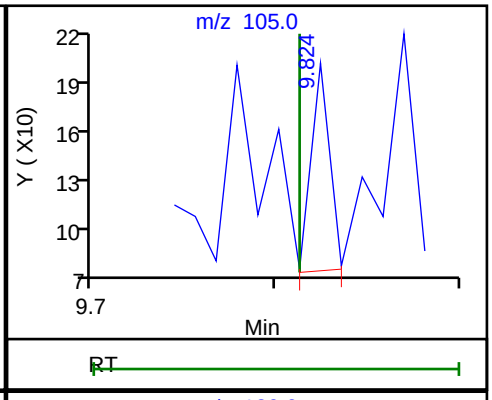
Eurofins Edison

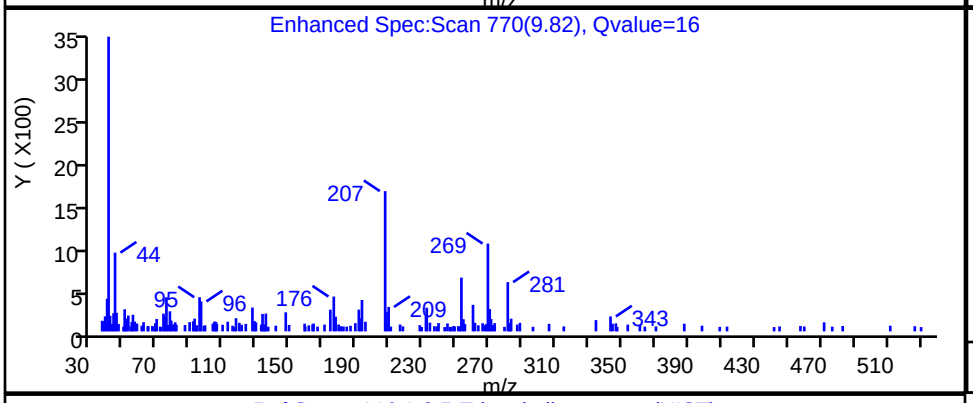
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

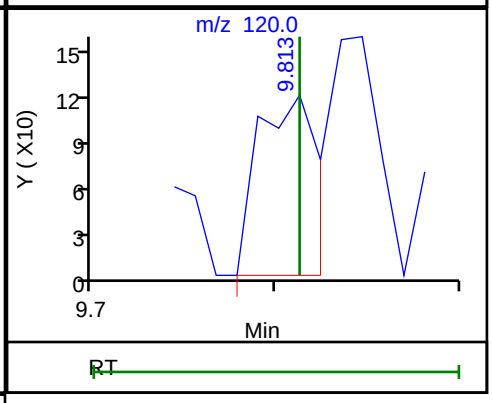
116 1,3,5-Trimethylbenzene, CAS: 108-67-8

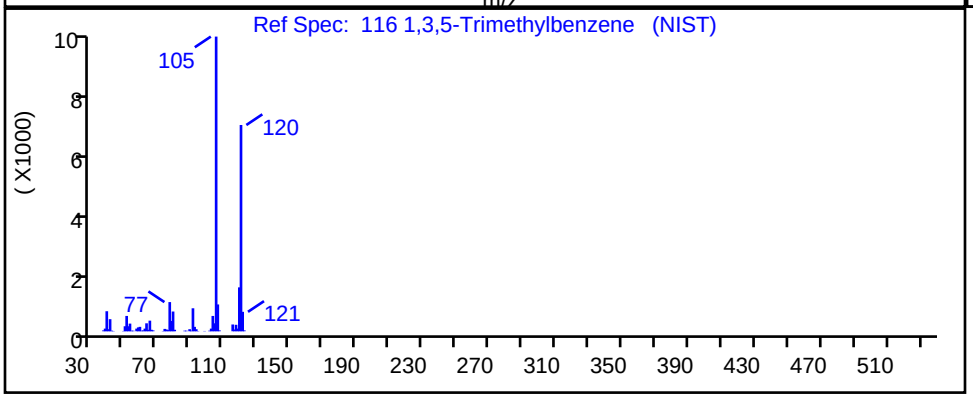
Processing Results











RT	Mass	Response	Amount
9.82	105.00	89	0.003737
9.81	120.00	275	

Reviewer: W9CM, 02-Oct-2022 09:26:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

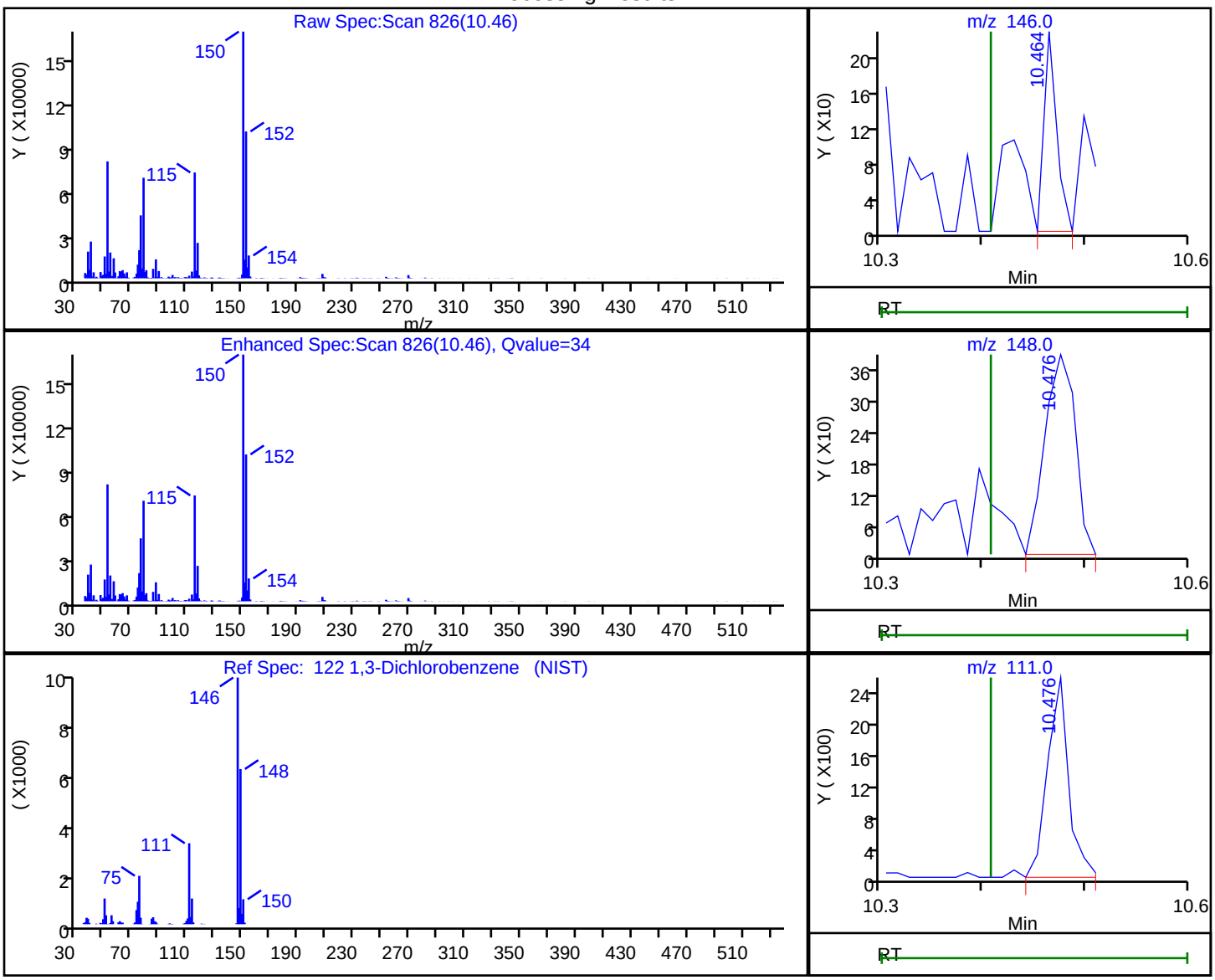
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

122 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.46	146.00	195	0.017284
10.48	148.00	804	
10.48	111.00	3664	

Reviewer: W9CM, 02-Oct-2022 09:26:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

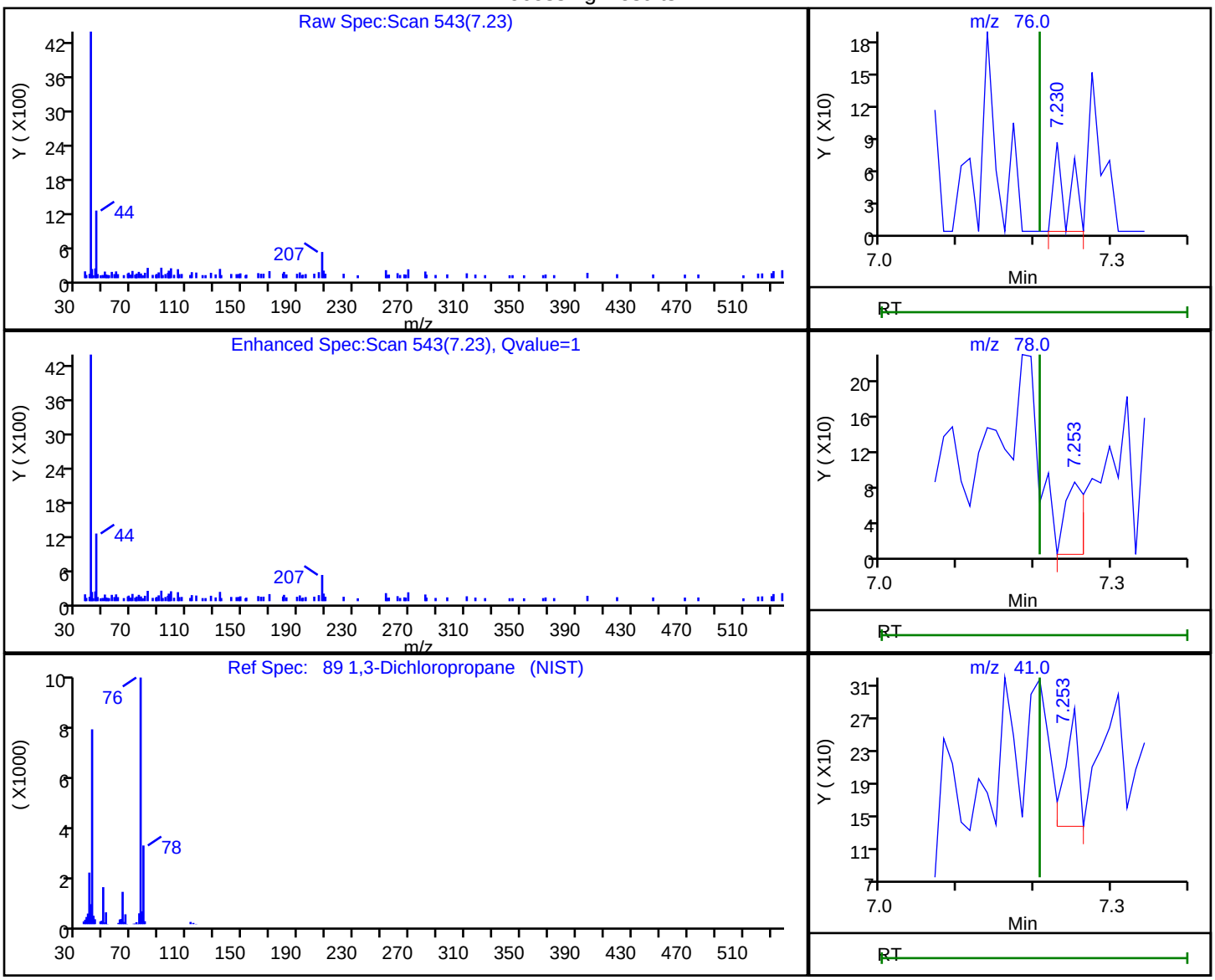
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.23	76.00	104	0.007975
7.25	78.00	143	
7.25	41.00	165	

Reviewer: W9CM, 02-Oct-2022 09:26:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

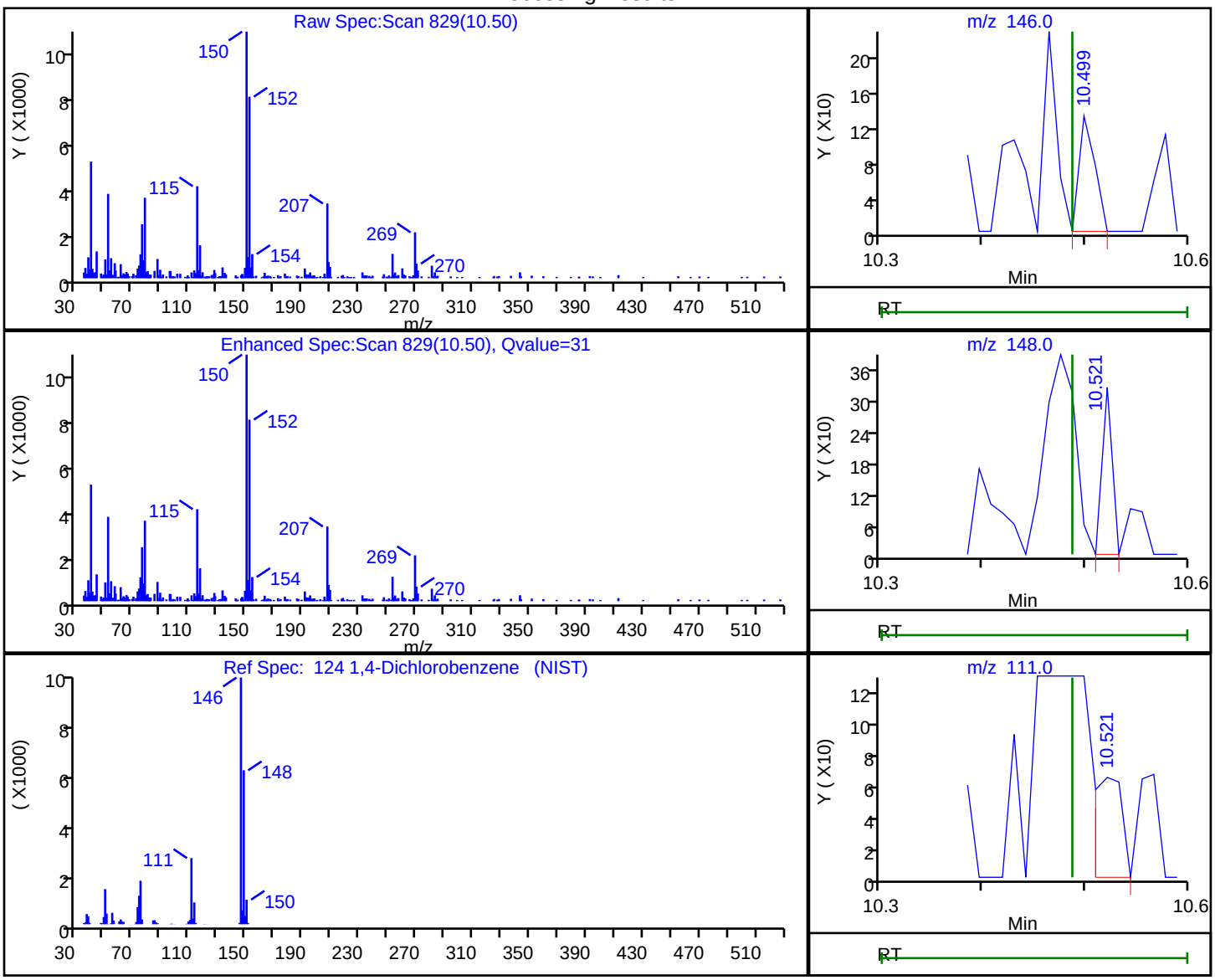
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
10.50	146.00	139	0.011765
10.52	148.00	223	
10.52	111.00	126	

Reviewer: W9CM, 02-Oct-2022 09:26:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

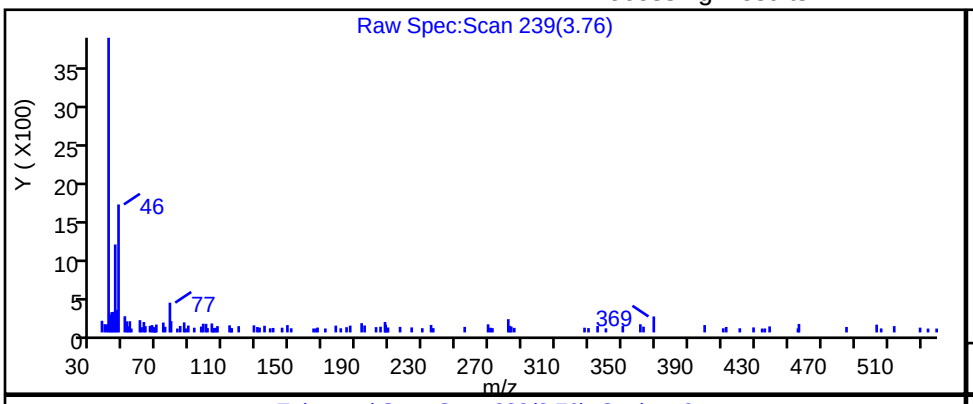
User Disabled Compound Report

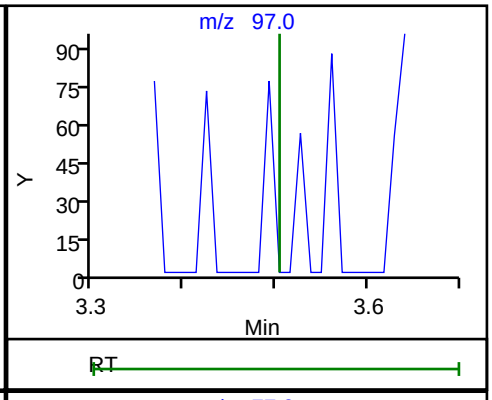
Eurofins Edison

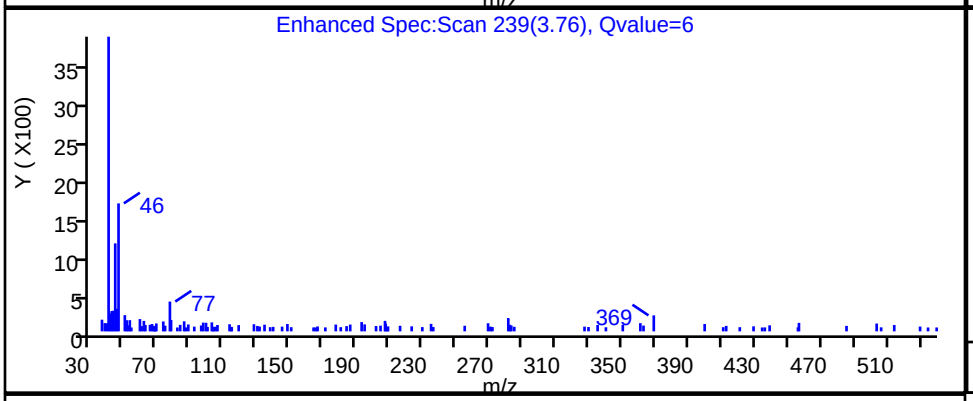
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Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

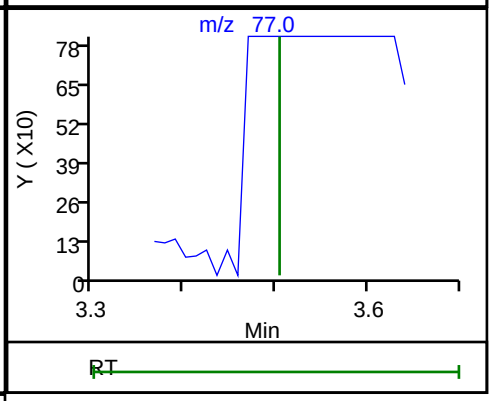
43 2,2-Dichloropropane, CAS: 594-20-7

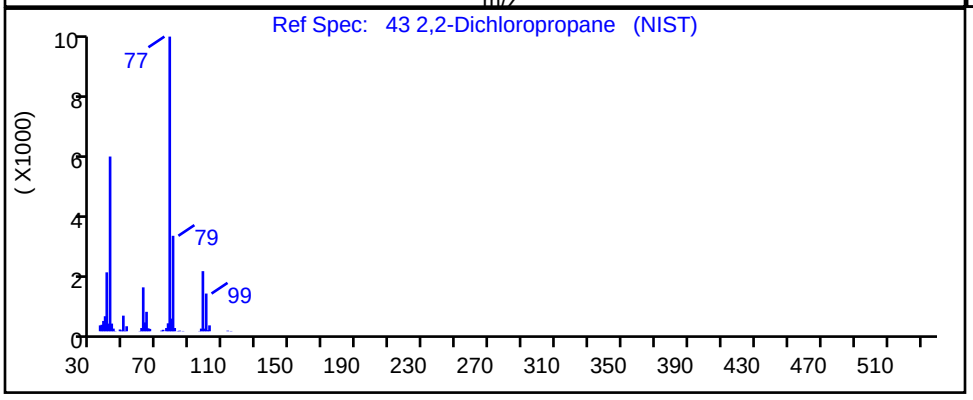
Processing Results











RT	Mass	Response	Amount
3.76	97.00	149	0.065781
3.78	77.00	1381	

Reviewer: W9CM, 02-Oct-2022 09:24:20

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

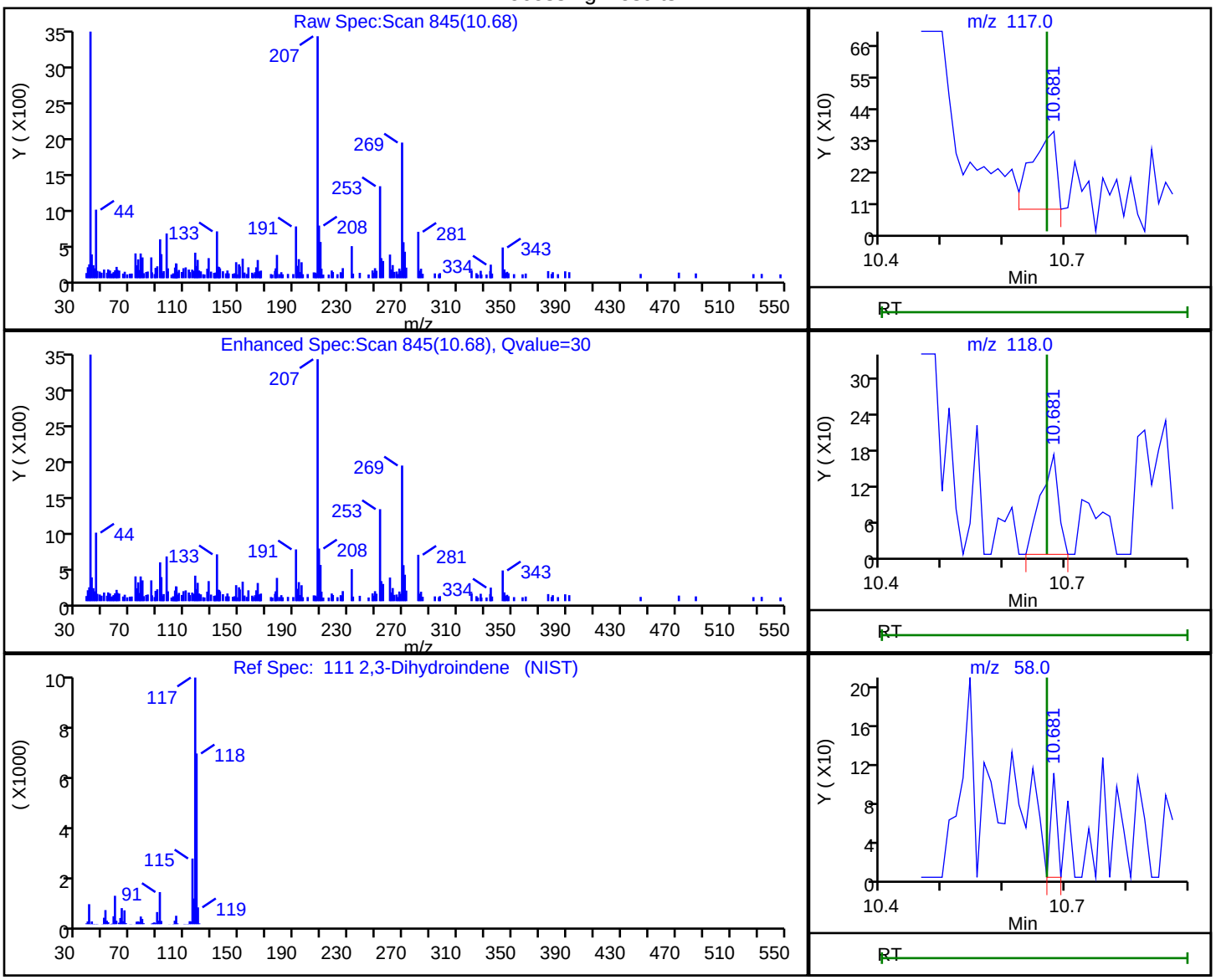
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
10.68	117.00	764	0.034028
10.68	118.00	337	
10.68	58.00	75	

Reviewer: W9CM, 02-Oct-2022 09:26:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

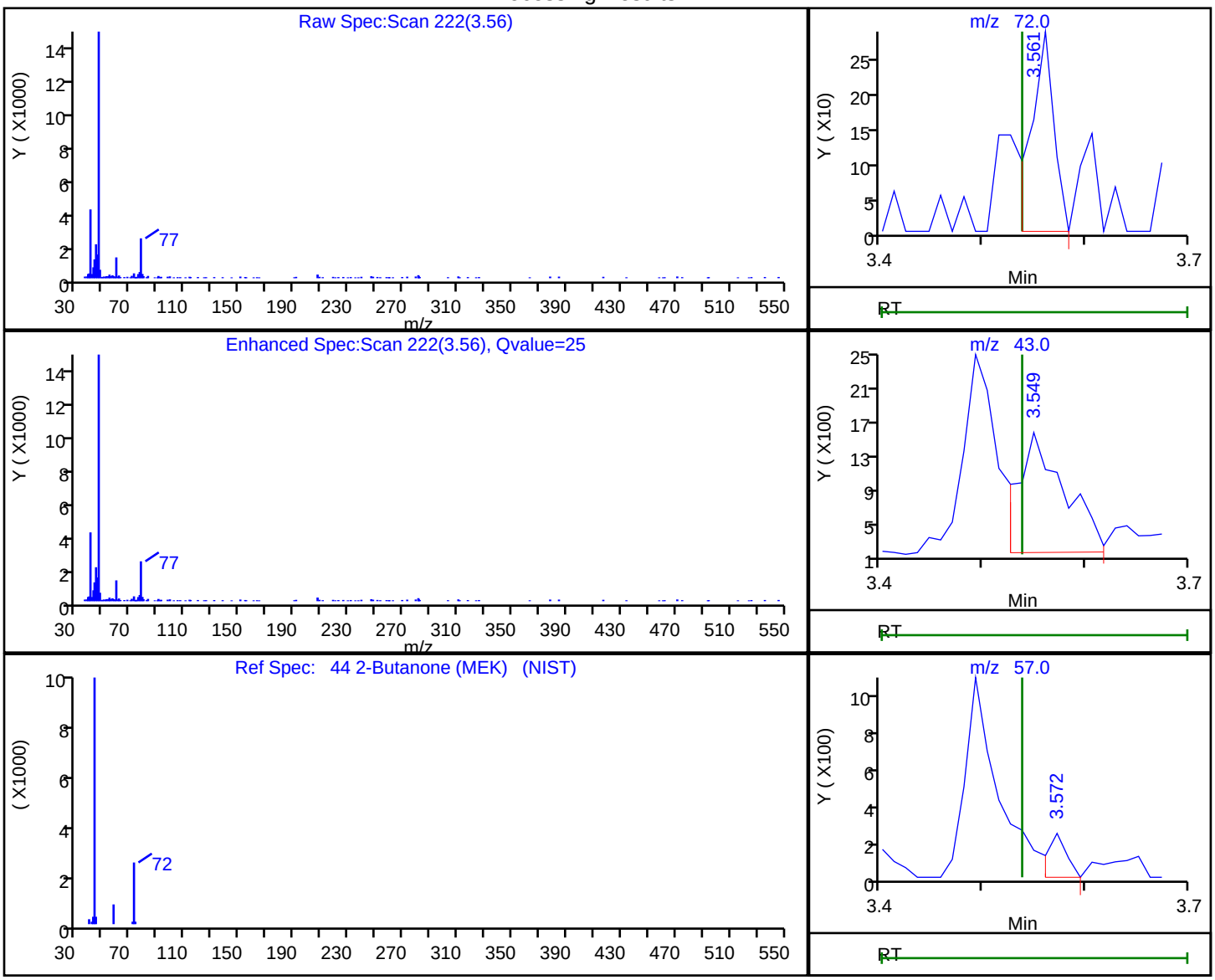
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

44 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.56	72.00	451	0.350943
3.55	43.00	4331	
3.57	57.00	315	

Reviewer: W9CM, 02-Oct-2022 09:24:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

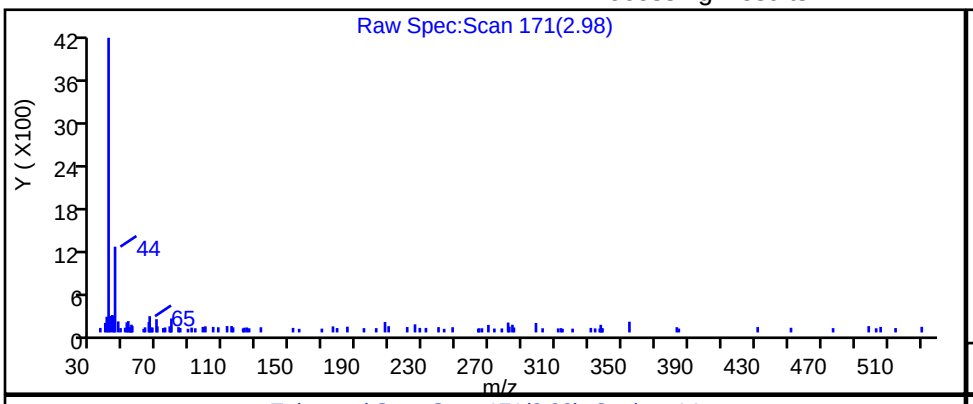
User Disabled Compound Report

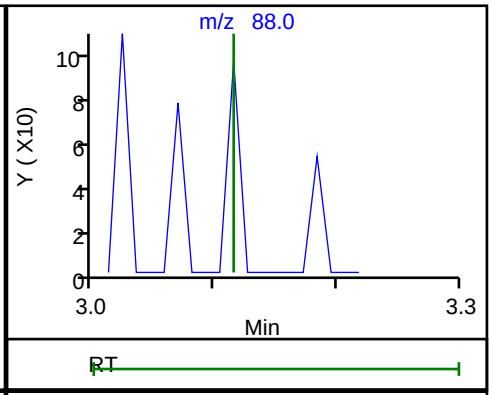
Eurofins Edison

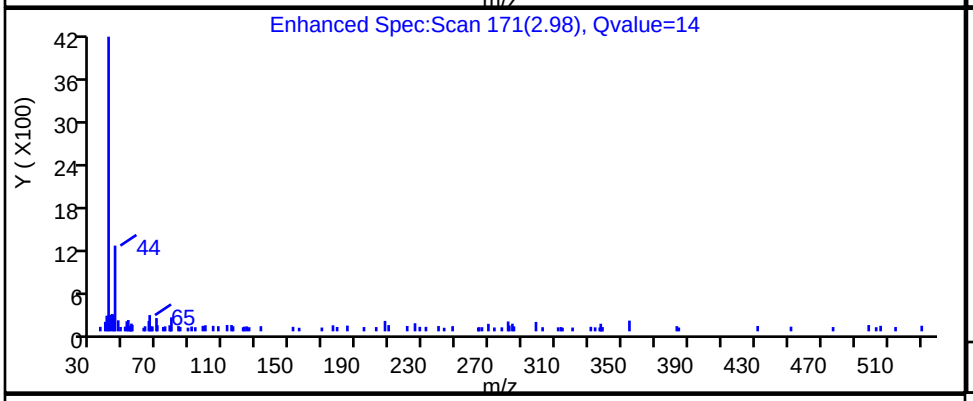
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

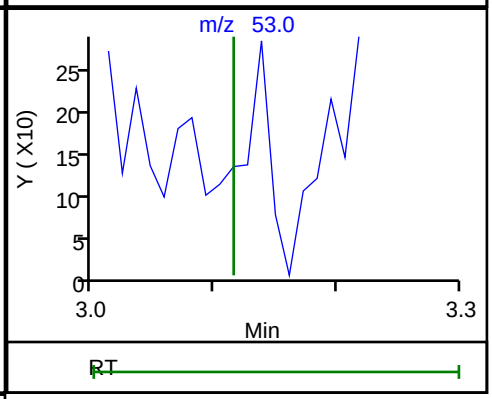
39 2-Chloro-1,3-butadiene, CAS: 126-99-8

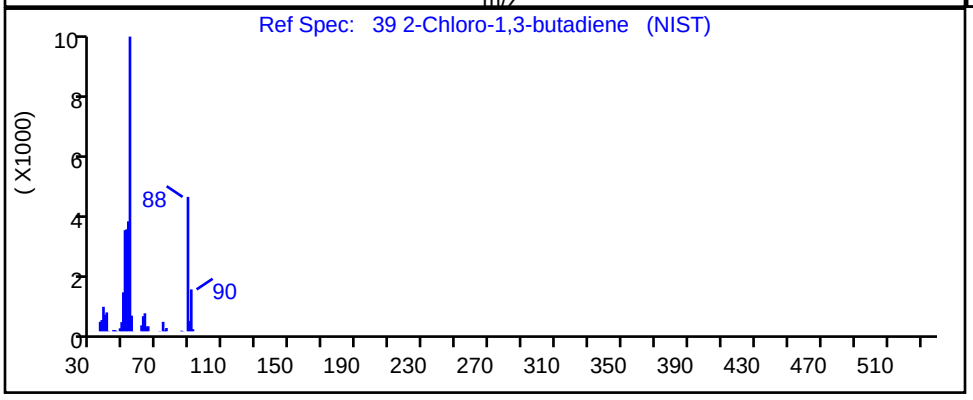
Processing Results











RT	Mass	Response	Amount
2.98	88.00	35	0.005079
3.00	53.00	579	

Reviewer: W9CM, 02-Oct-2022 09:24:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

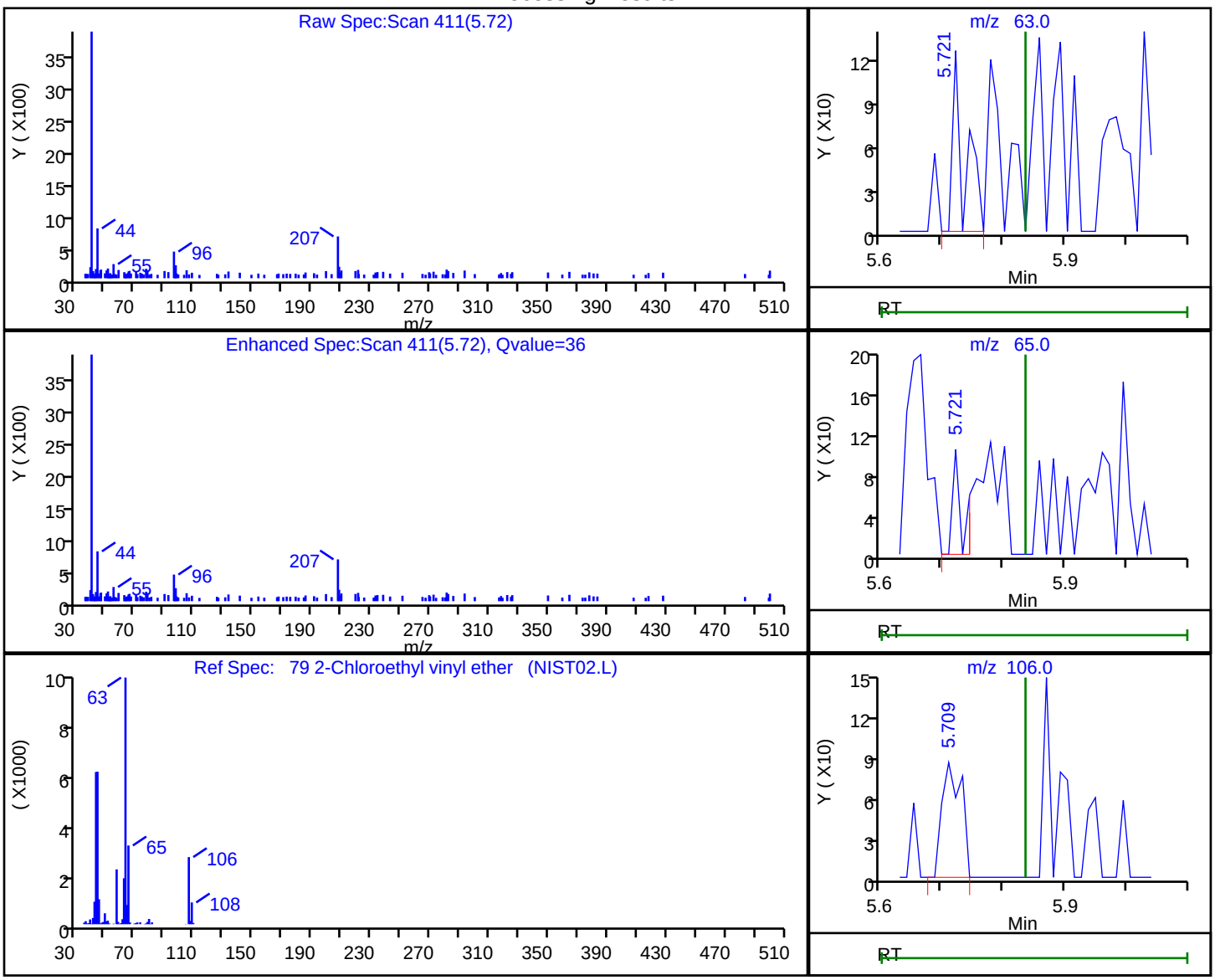
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.72	63.00	166	0.027106
5.72	65.00	112	
5.71	106.00	188	

Reviewer: W9CM, 02-Oct-2022 09:25:52
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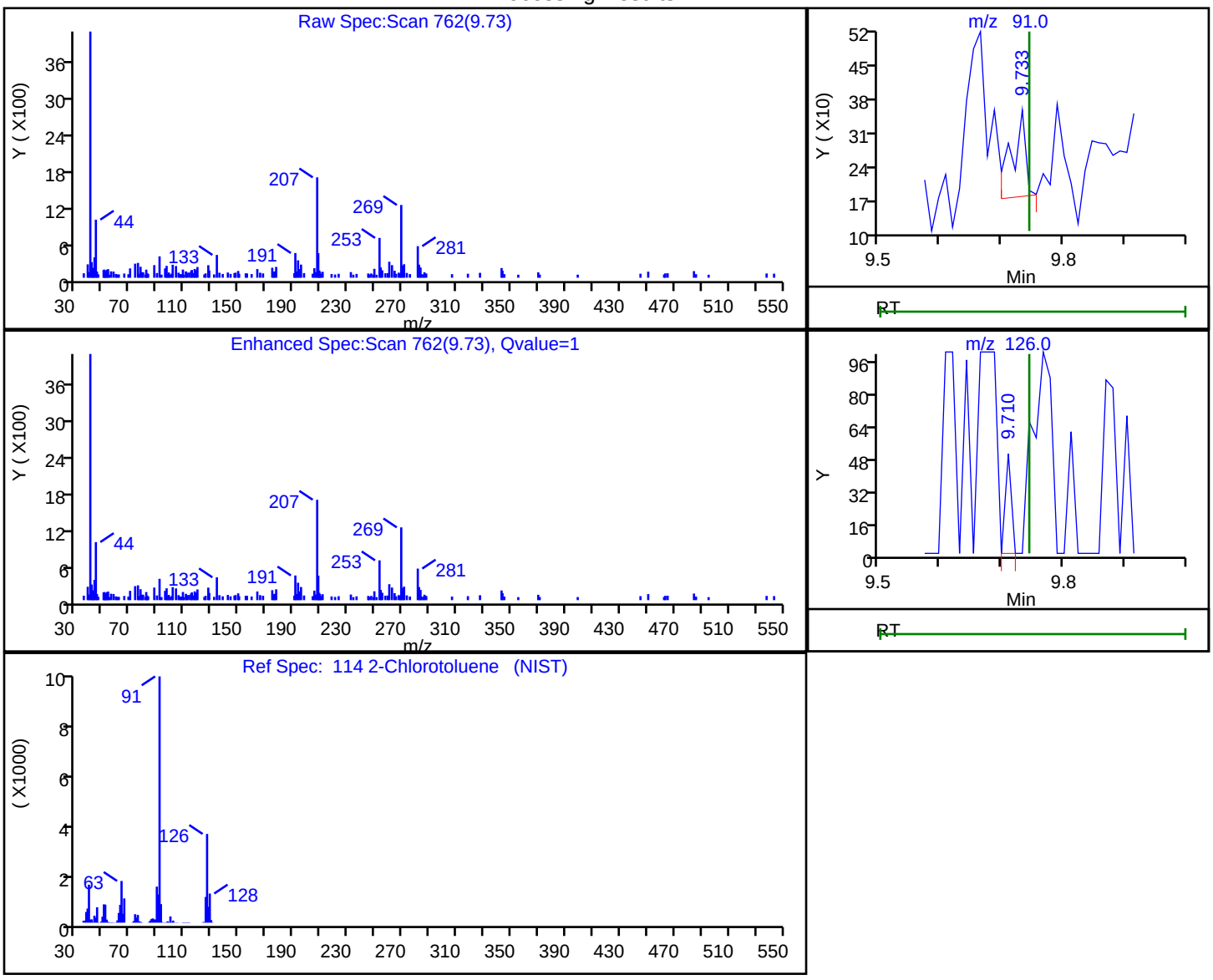
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
9.73	91.00	285	0.011315
9.71	126.00	34	

Reviewer: W9CM, 02-Oct-2022 09:26:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

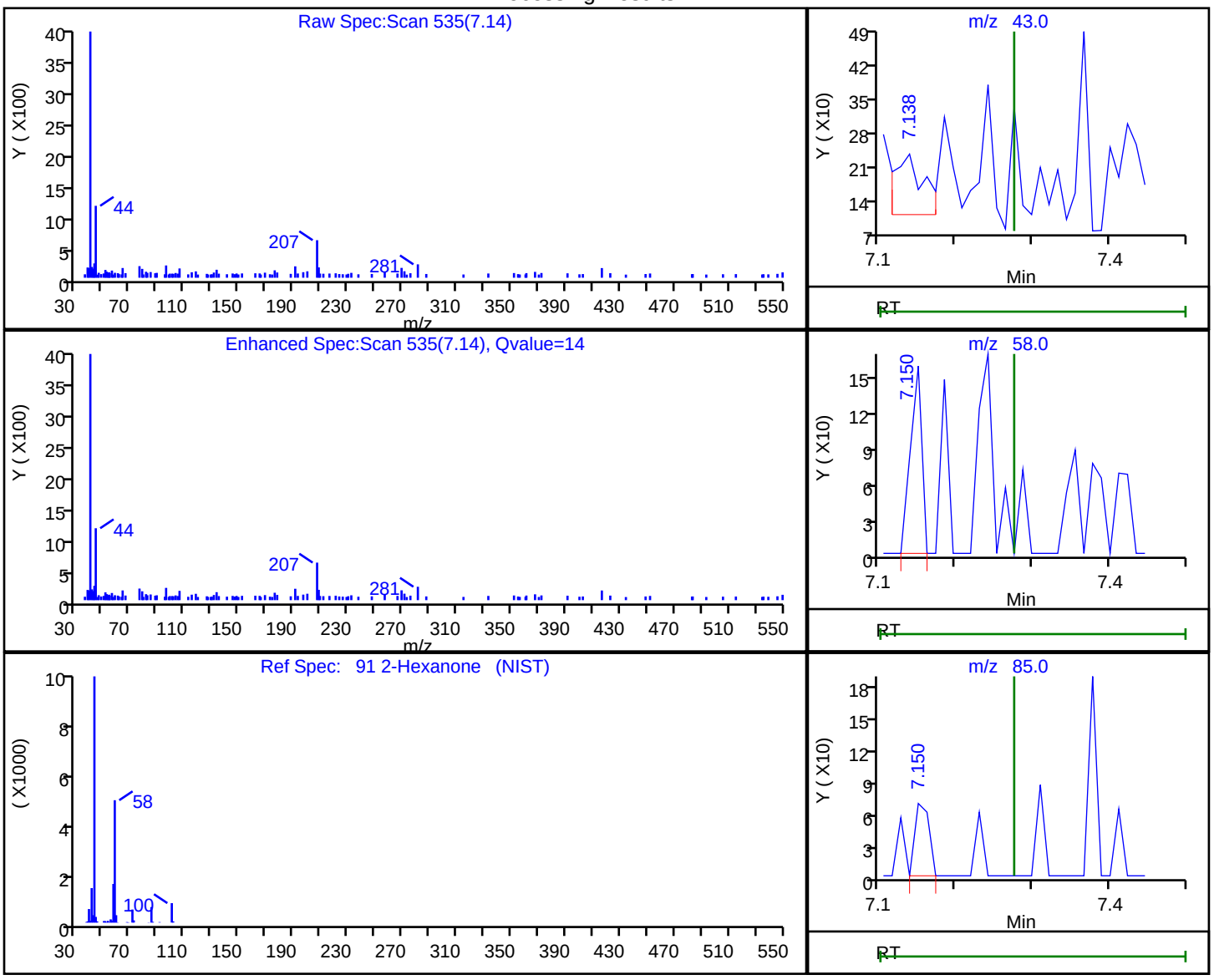
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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

91 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.14	43.00	339	0.035724
7.15	58.00	160	
7.15	85.00	85	
7.15	100.00	260	

Reviewer: W9CM, 02-Oct-2022 09:26:09
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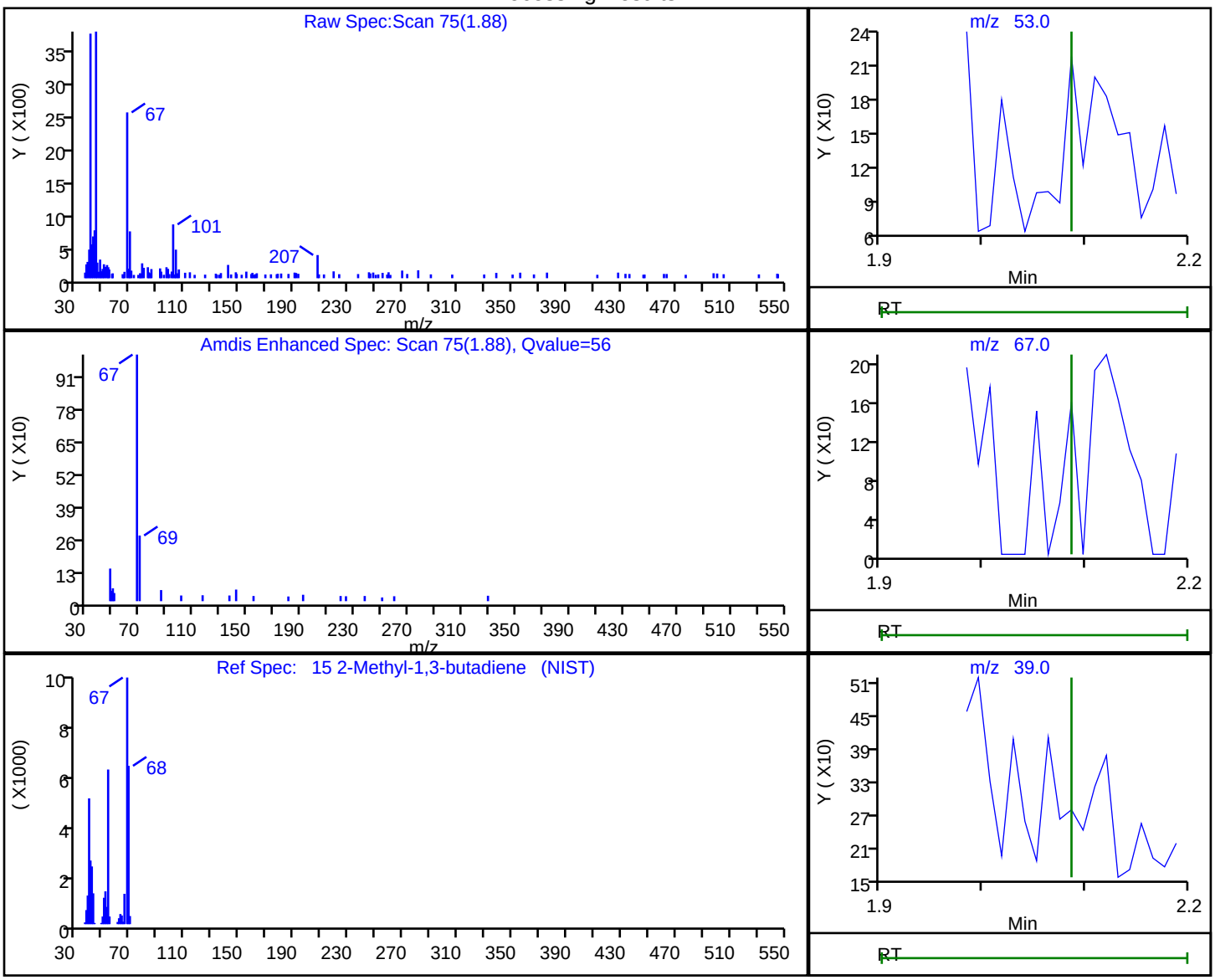
User Disabled Compound Report

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.88	53.00	123	0.011425
1.88	67.00	3813	
1.90	39.00	2043	

Reviewer: W9CM, 02-Oct-2022 09:22:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

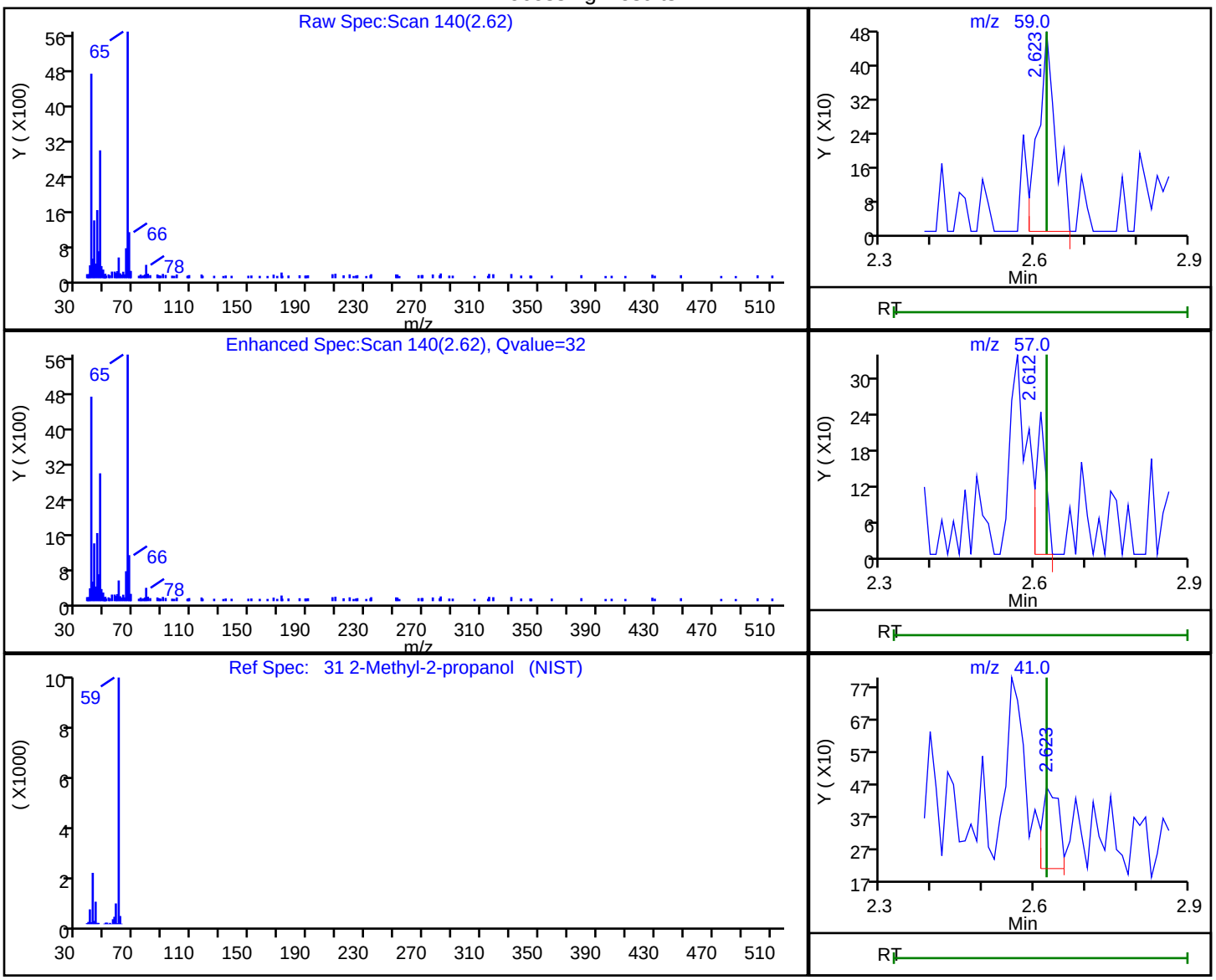
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

31 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.62	59.00	1132	1.267088
2.61	57.00	324	
2.62	41.00	580	

Reviewer: W9CM, 02-Oct-2022 09:24:15
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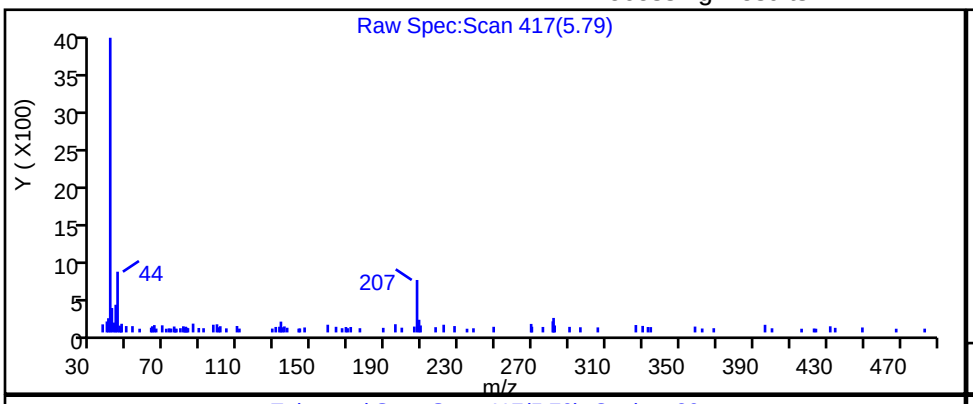
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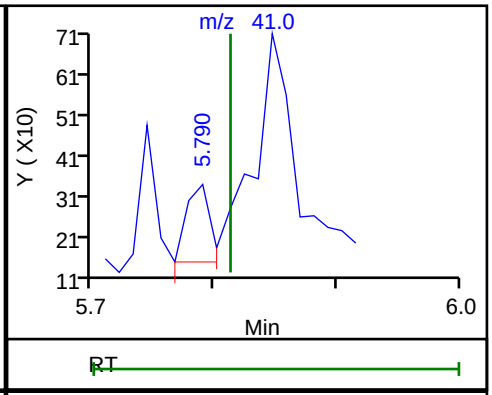
Eurofins Edison

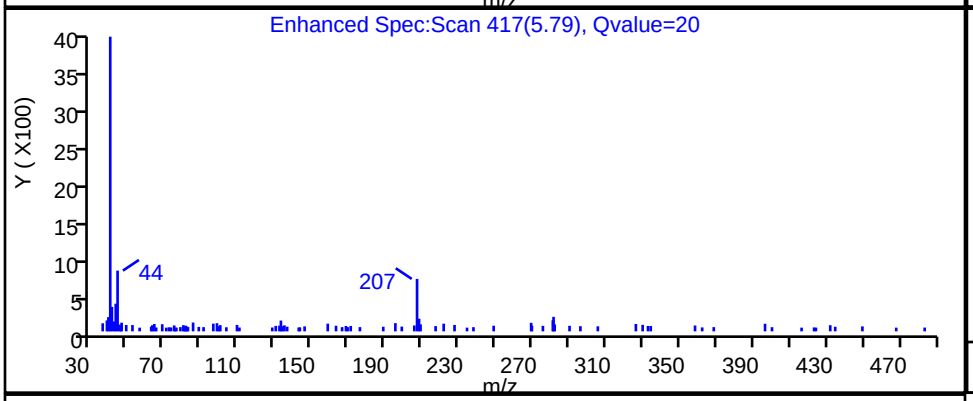
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

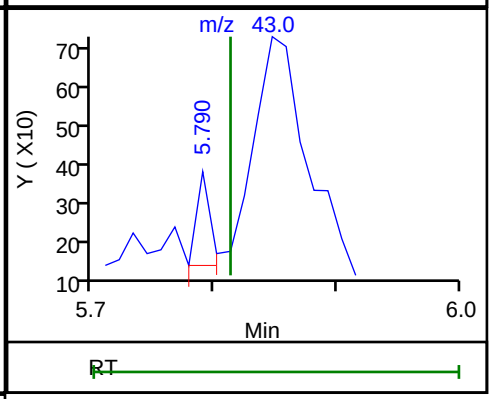
34 2-Nitropropane, CAS: 79-46-9

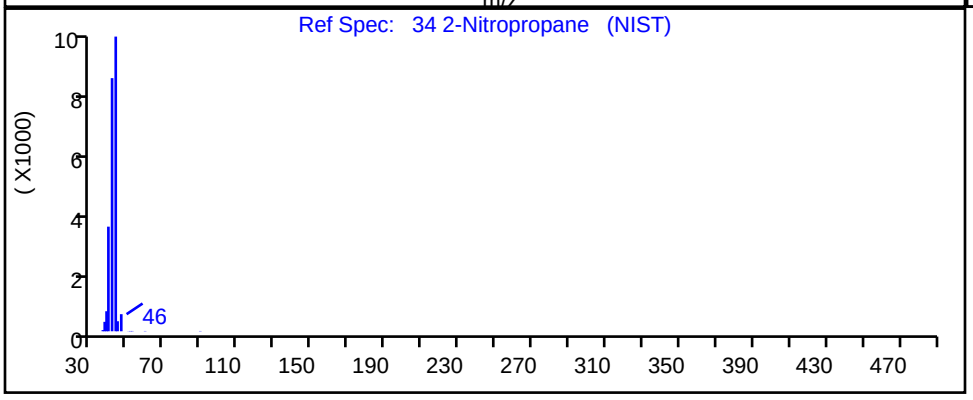
Processing Results











RT	Mass	Response	Amount
5.79	41.00	261	0.006795
5.79	43.00	190	

Reviewer: W9CM, 02-Oct-2022 09:25:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

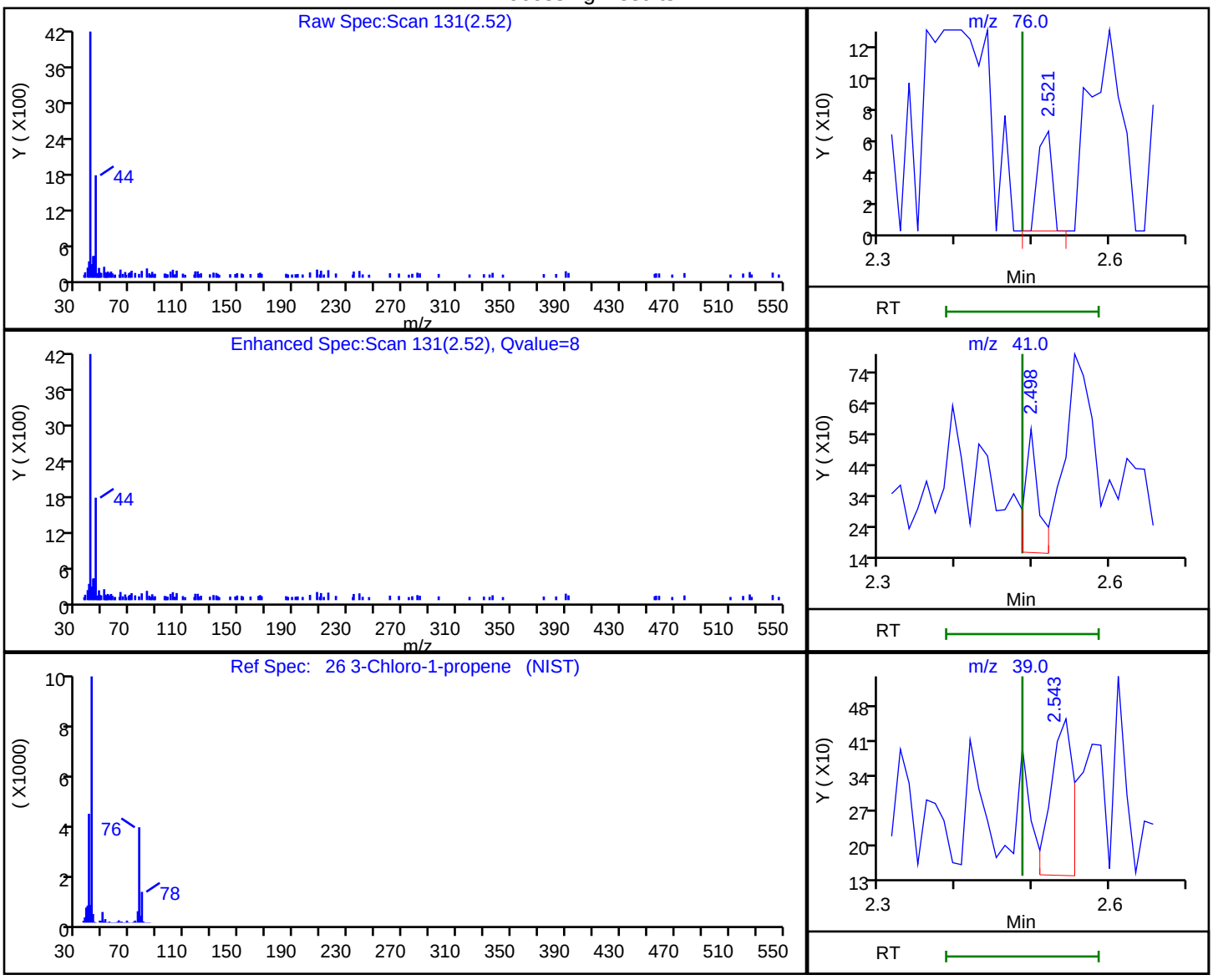
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.52	76.00	81	0.013925
2.50	41.00	512	
2.54	39.00	644	

Reviewer: W9CM, 02-Oct-2022 09:22:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

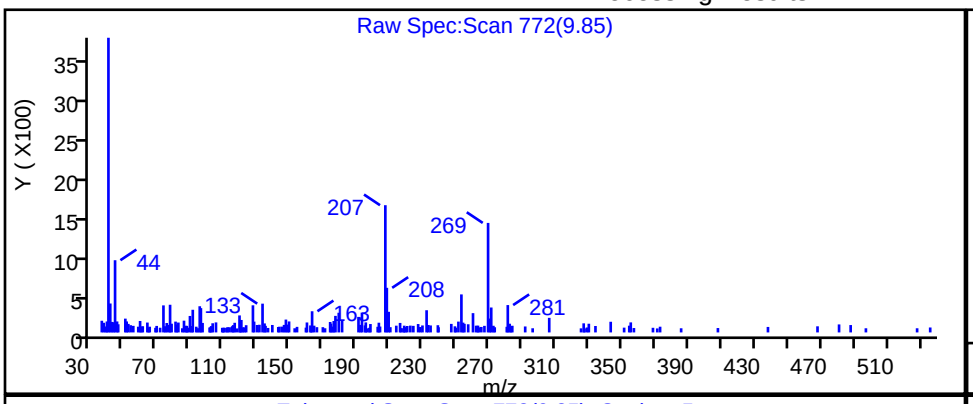
User Disabled Compound Report

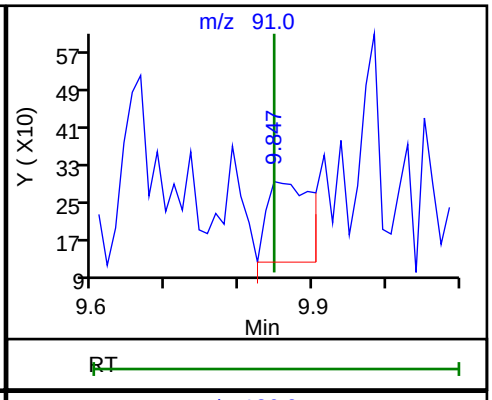
Eurofins Edison

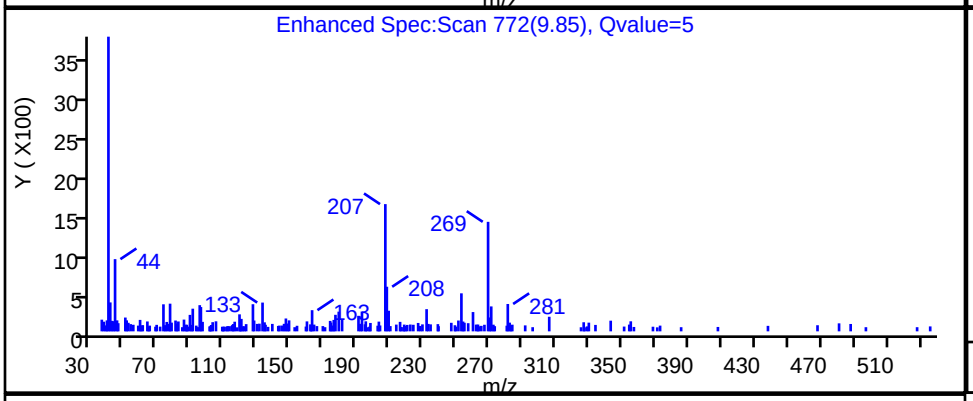
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

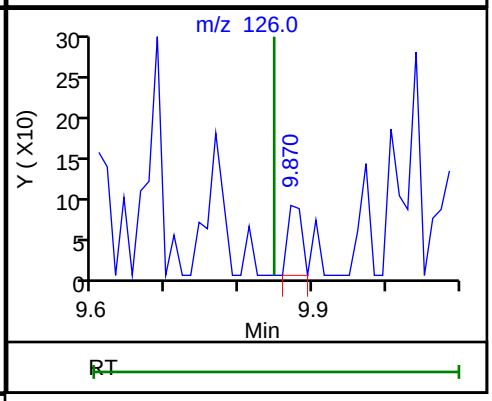
110 4-Chlorotoluene, CAS: 106-43-4

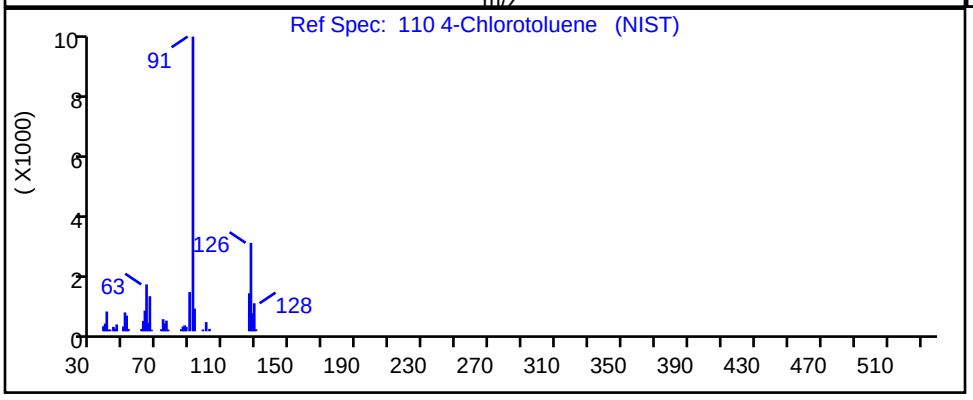
Processing Results











RT	Mass	Response	Amount
9.85	91.00	725	0.030735
9.87	126.00	117	

Reviewer: W9CM, 02-Oct-2022 09:26:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

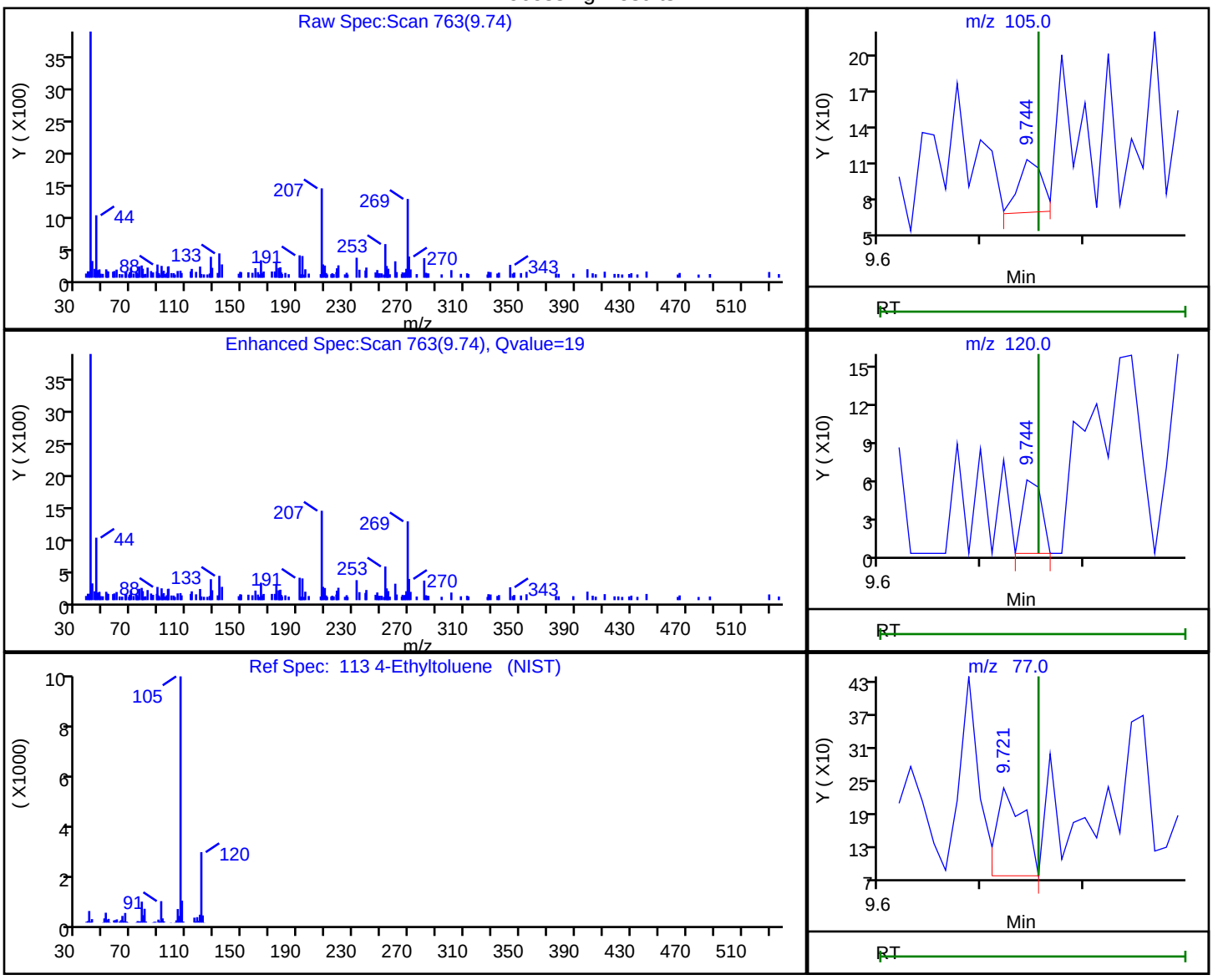
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
9.74	105.00	71	0.002453
9.74	120.00	77	
9.72	77.00	302	

Reviewer: W9CM, 02-Oct-2022 09:26:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

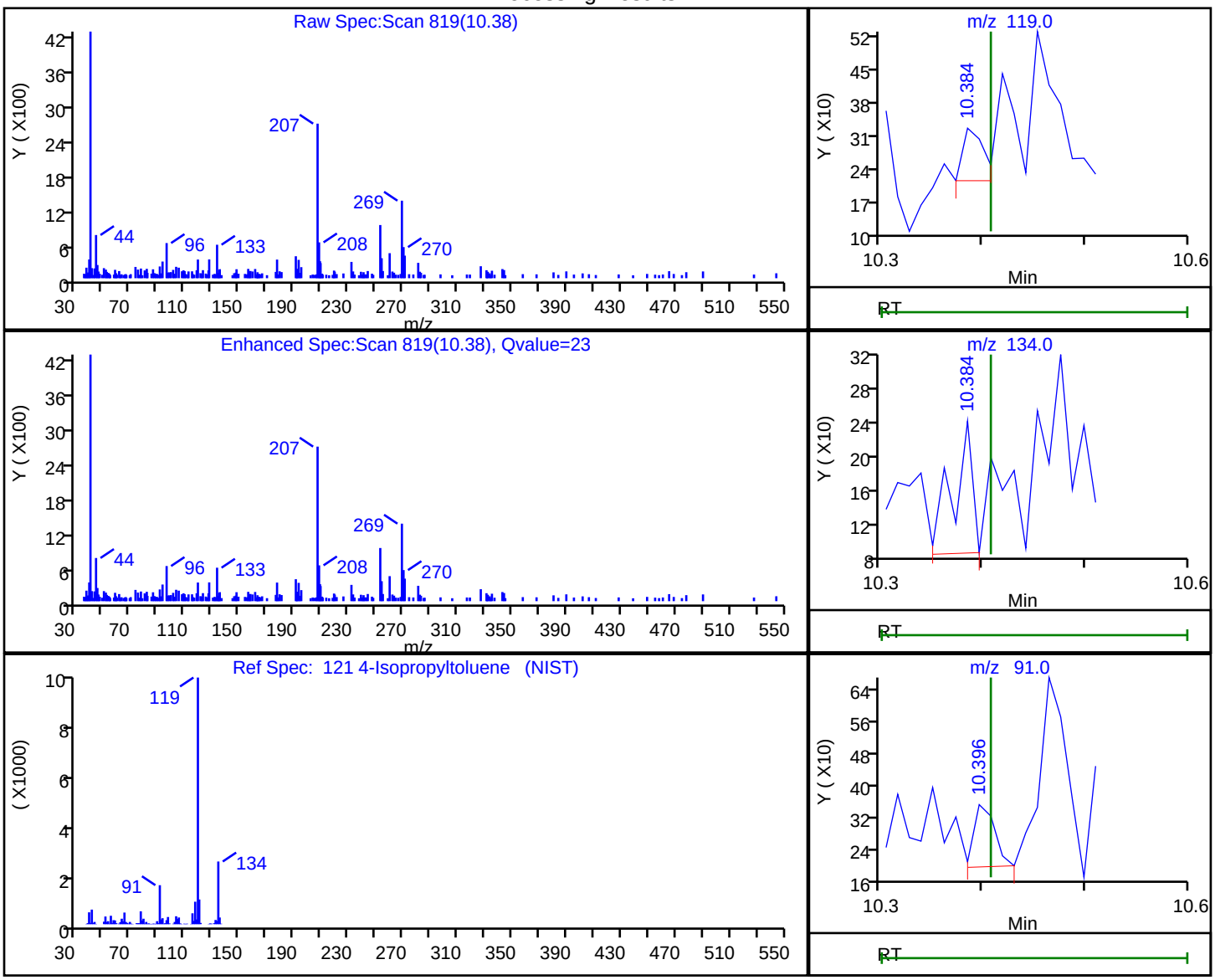
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
10.38	119.00	161	0.007190
10.38	134.00	204	
10.40	91.00	222	

Reviewer: W9CM, 02-Oct-2022 09:26:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

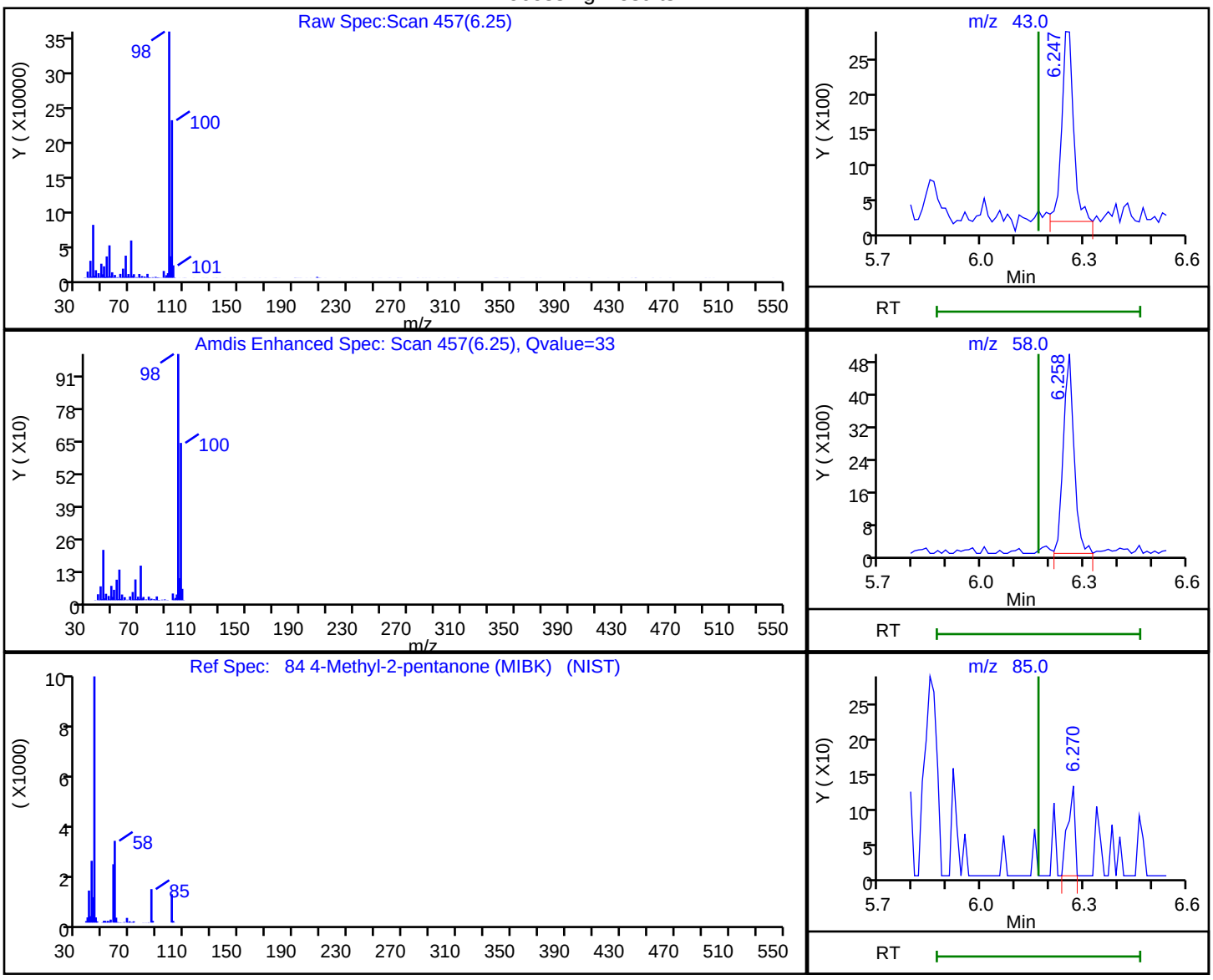
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.25	43.00	6588	0.413705
6.26	58.00	10805	
6.27	85.00	184	
6.26	100.00	574653	

Reviewer: W9CM, 02-Oct-2022 09:25:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

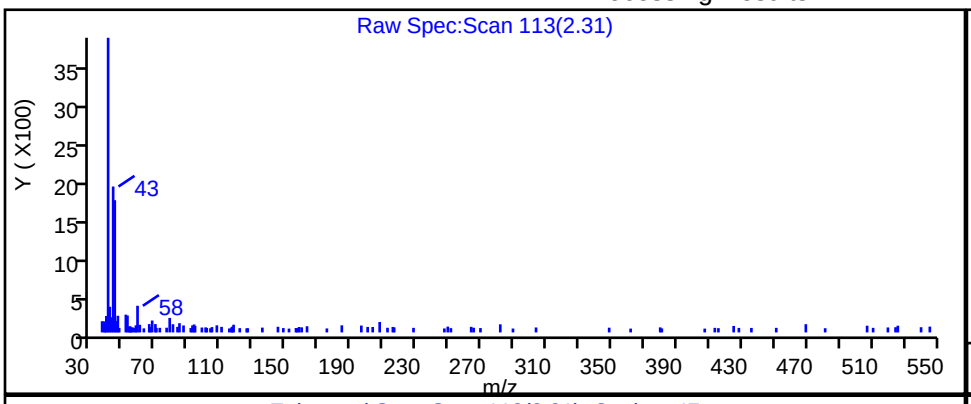
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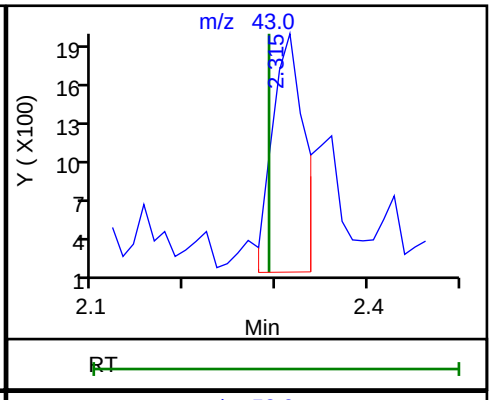
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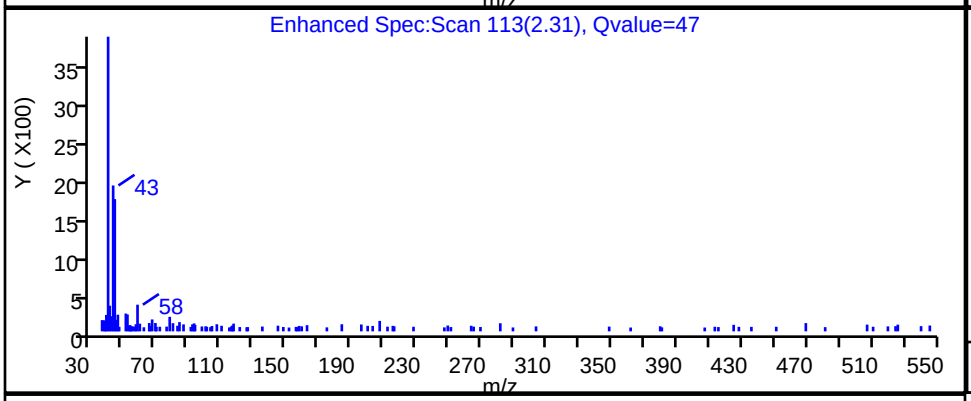
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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
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Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

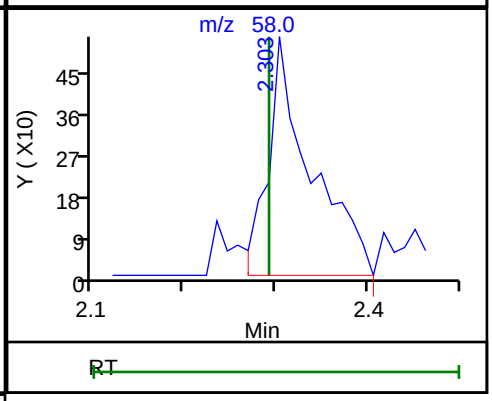
23 Acetone, CAS: 67-64-1

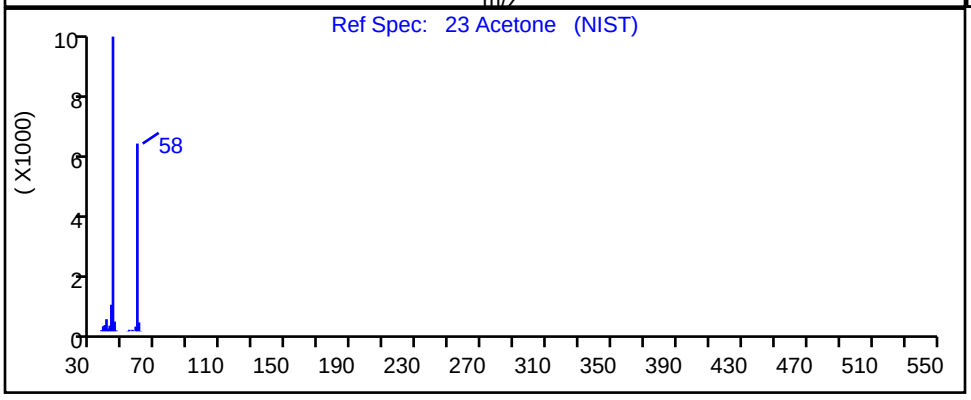
Processing Results











RT	Mass	Response	Amount
2.31	43.00	4295	1.427009
2.30	58.00	1730	

Reviewer: W9CM, 02-Oct-2022 09:22:25
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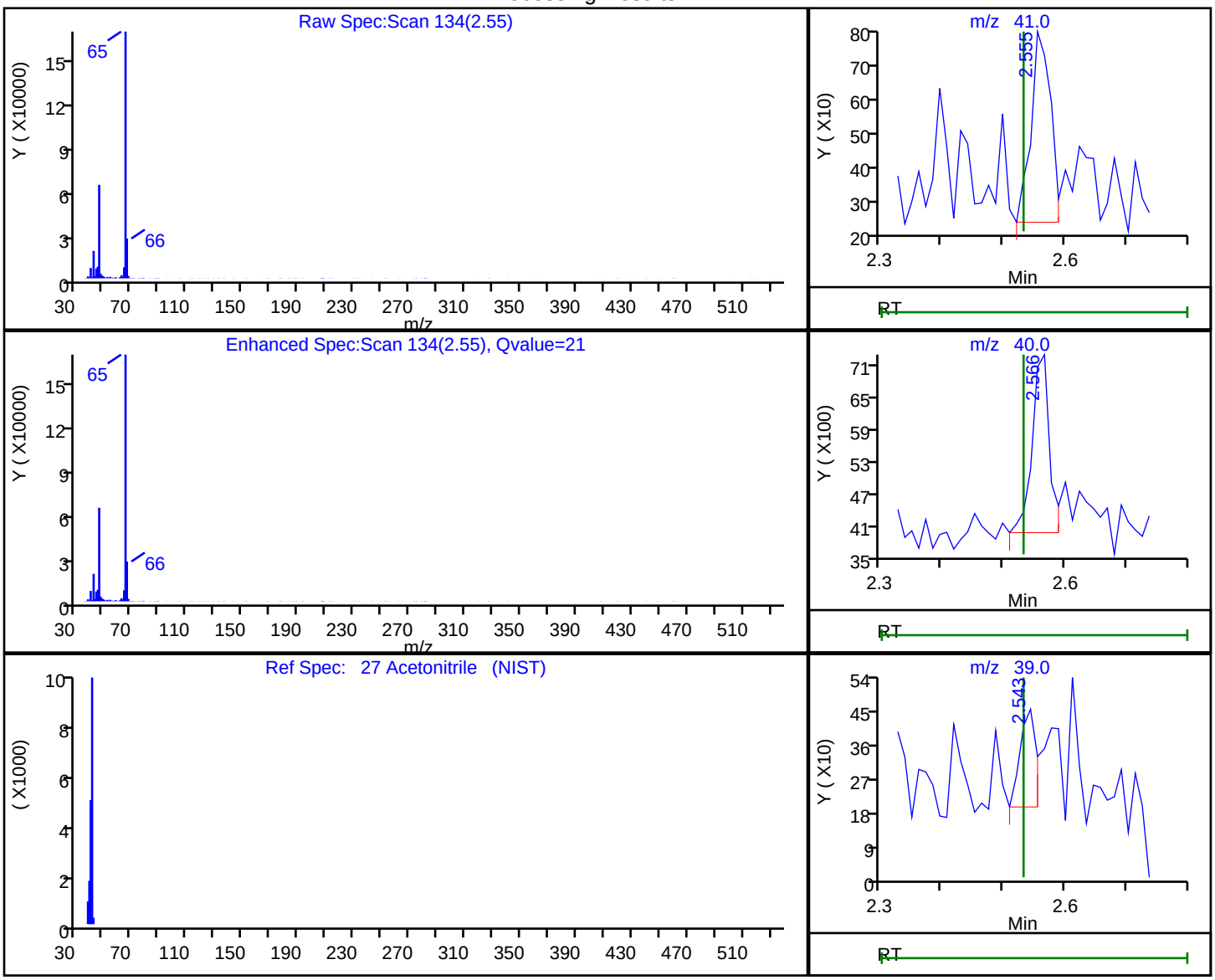
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
2.55	41.00	1259	0.952660
2.57	40.00	6498	
2.54	39.00	476	
2.57	38.00	3203	

Reviewer: W9CM, 02-Oct-2022 09:22:34
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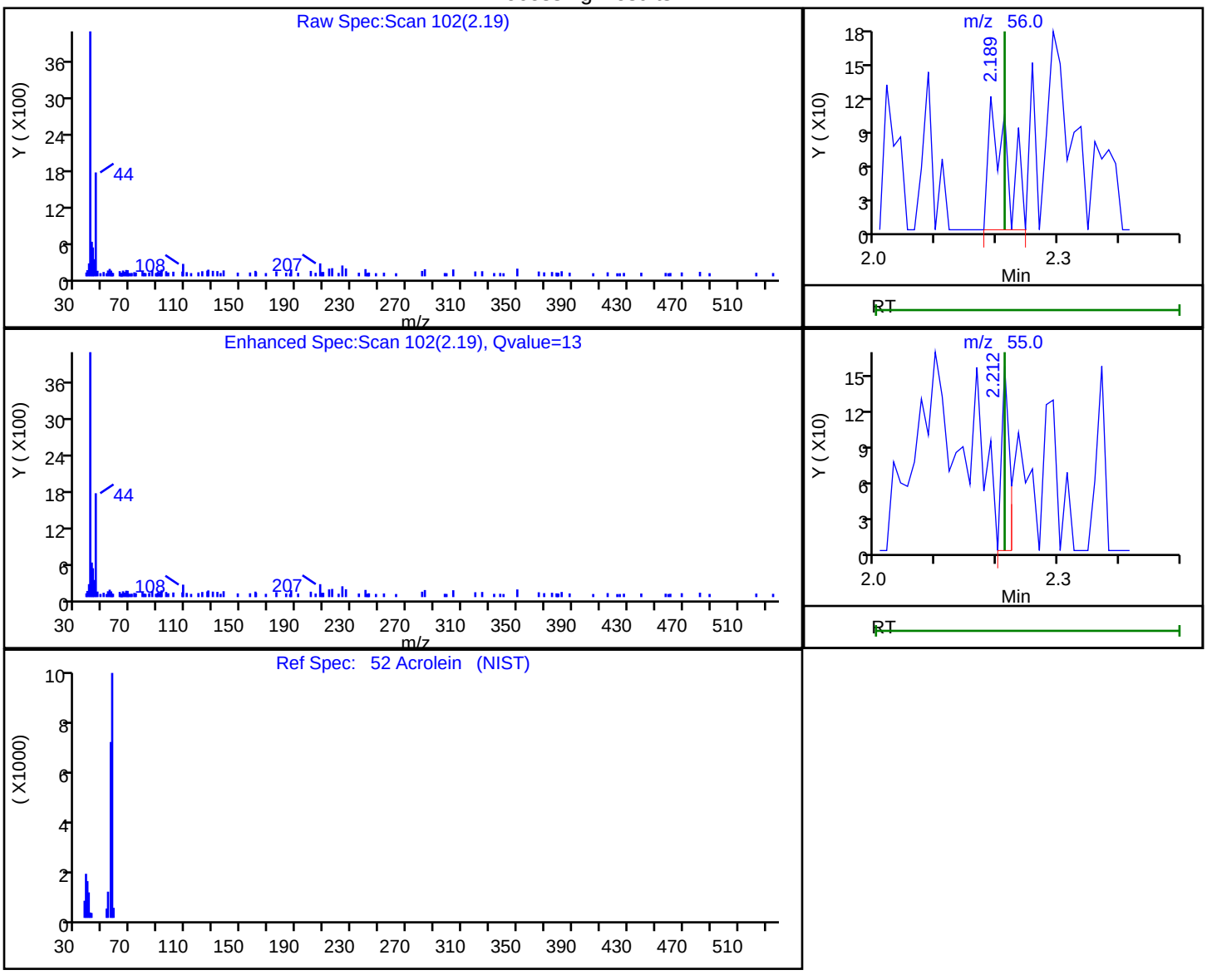
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
2.19	56.00	243	0.146118
2.21	55.00	146	

Reviewer: W9CM, 02-Oct-2022 09:22:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

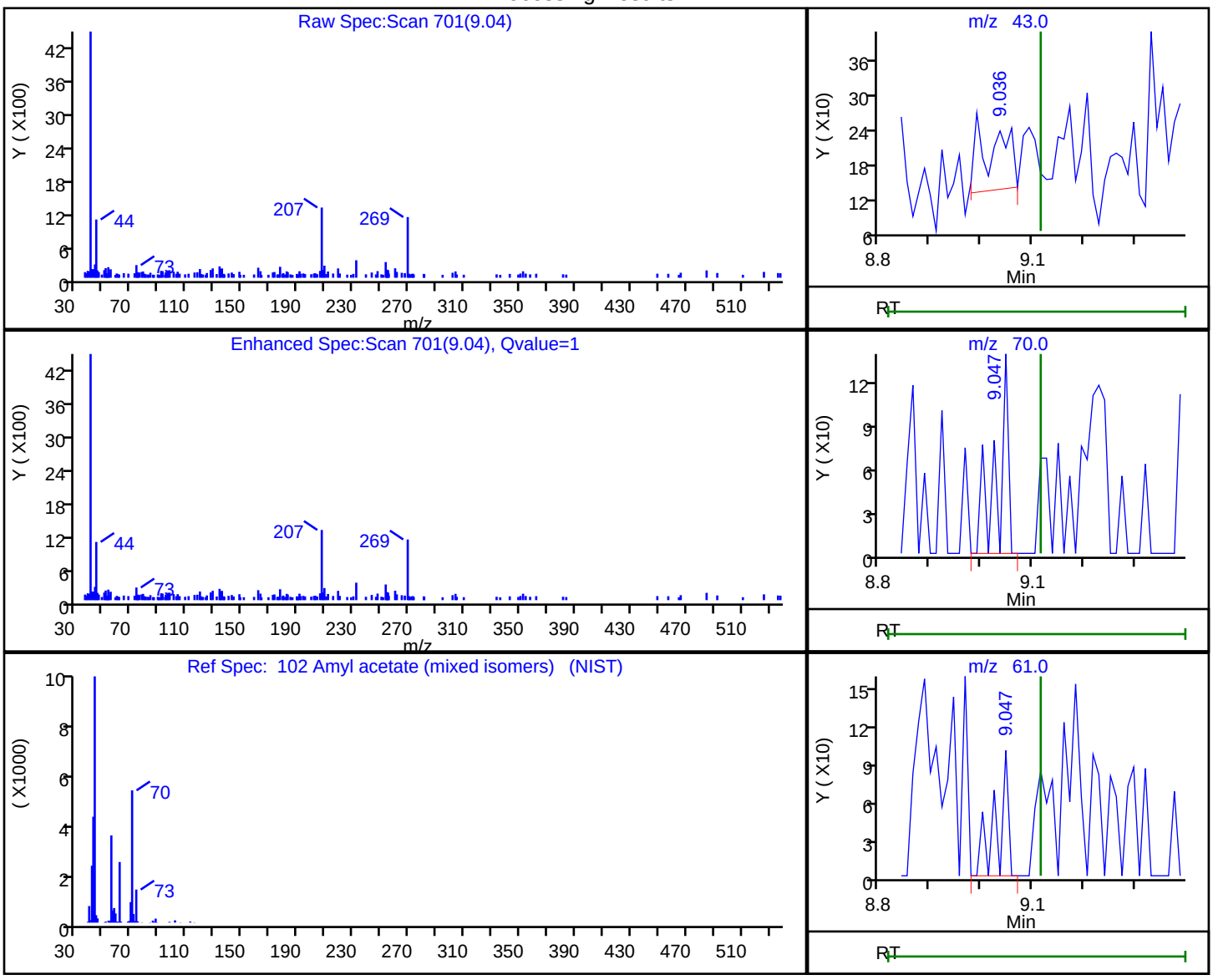
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.04	43.00	399	0.018536
9.05	70.00	194	
9.05	61.00	147	

Reviewer: W9CM, 02-Oct-2022 09:26:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

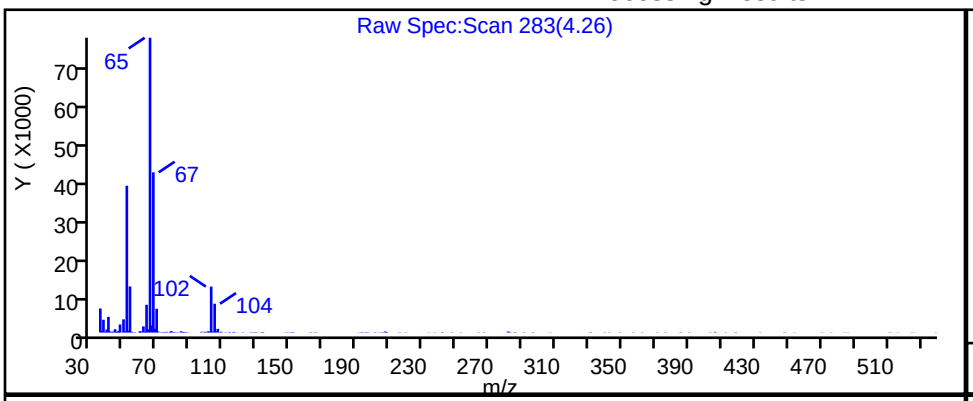
User Disabled Compound Report

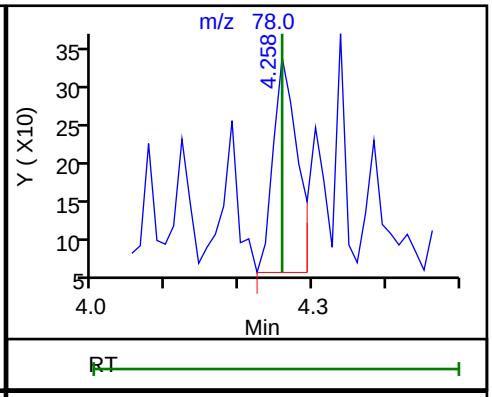
Eurofins Edison

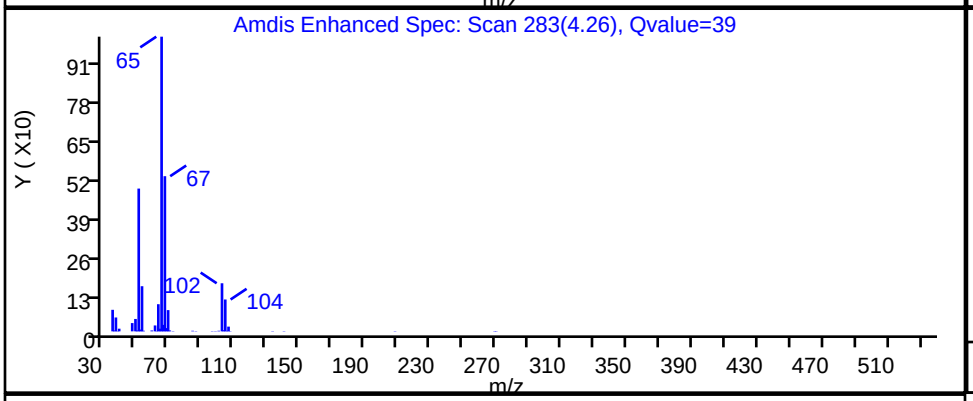
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

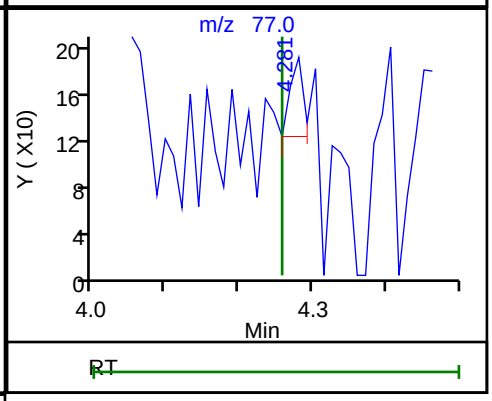
59 Benzene, CAS: 71-43-2

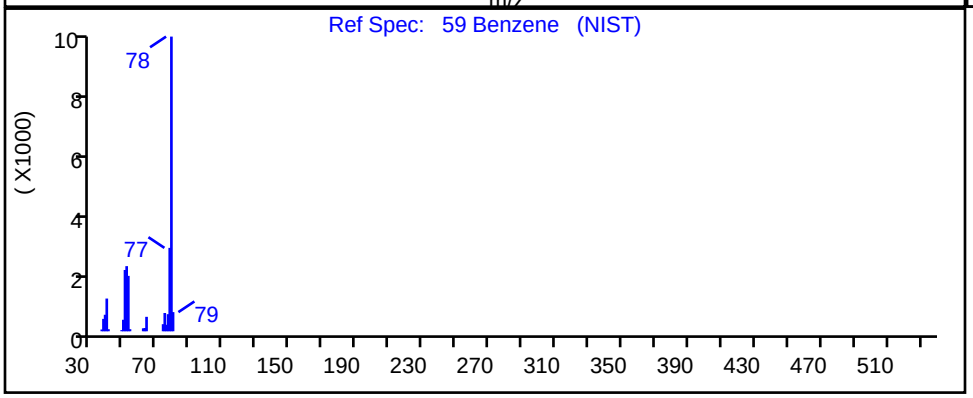
Processing Results











RT	Mass	Response	Amount
4.26	78.00	652	0.018453
4.28	77.00	86	

Reviewer: W9CM, 02-Oct-2022 09:25:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

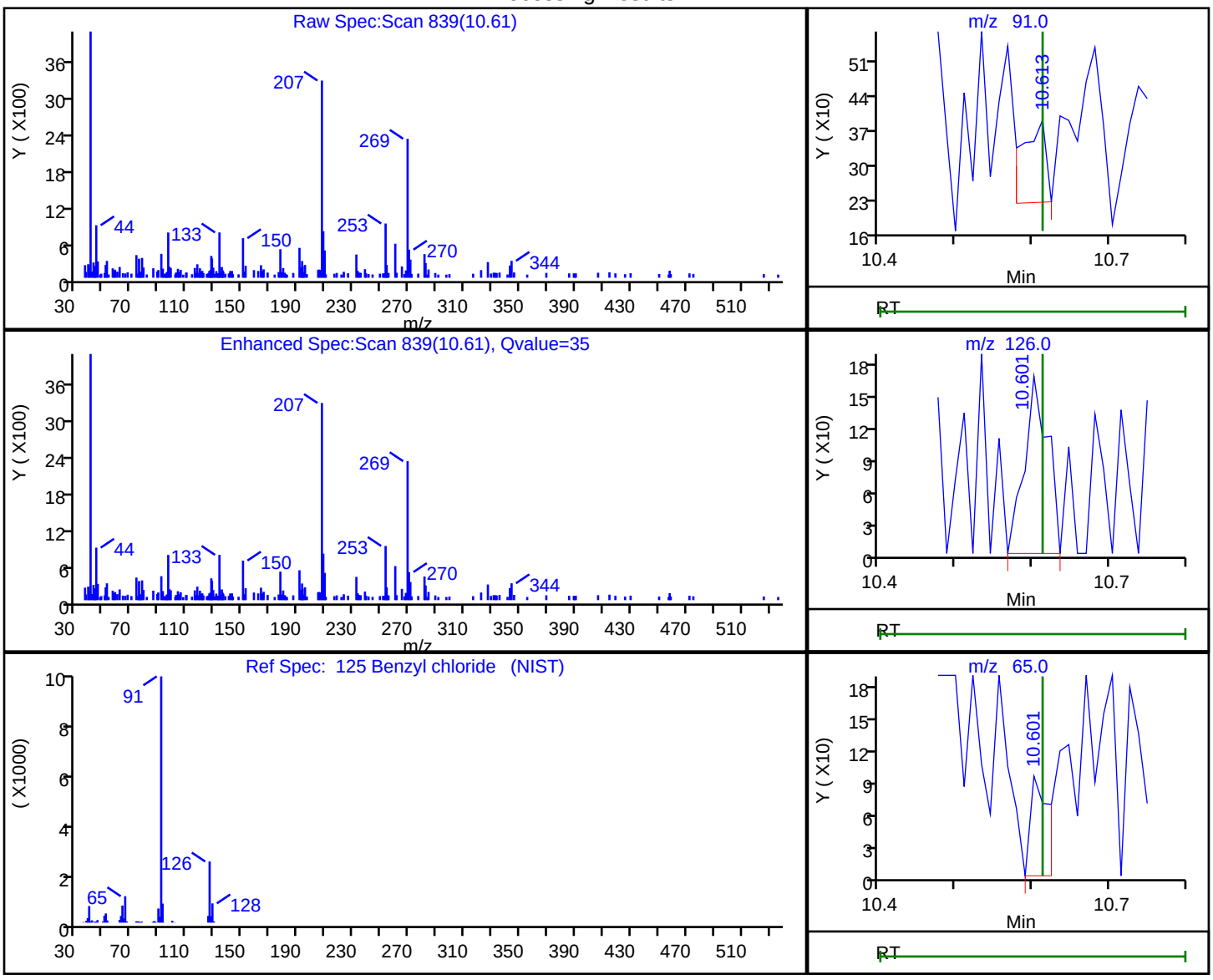
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

125 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.61	91.00	360	0.020736
10.60	126.00	357	
10.60	65.00	159	

Reviewer: W9CM, 02-Oct-2022 09:26:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

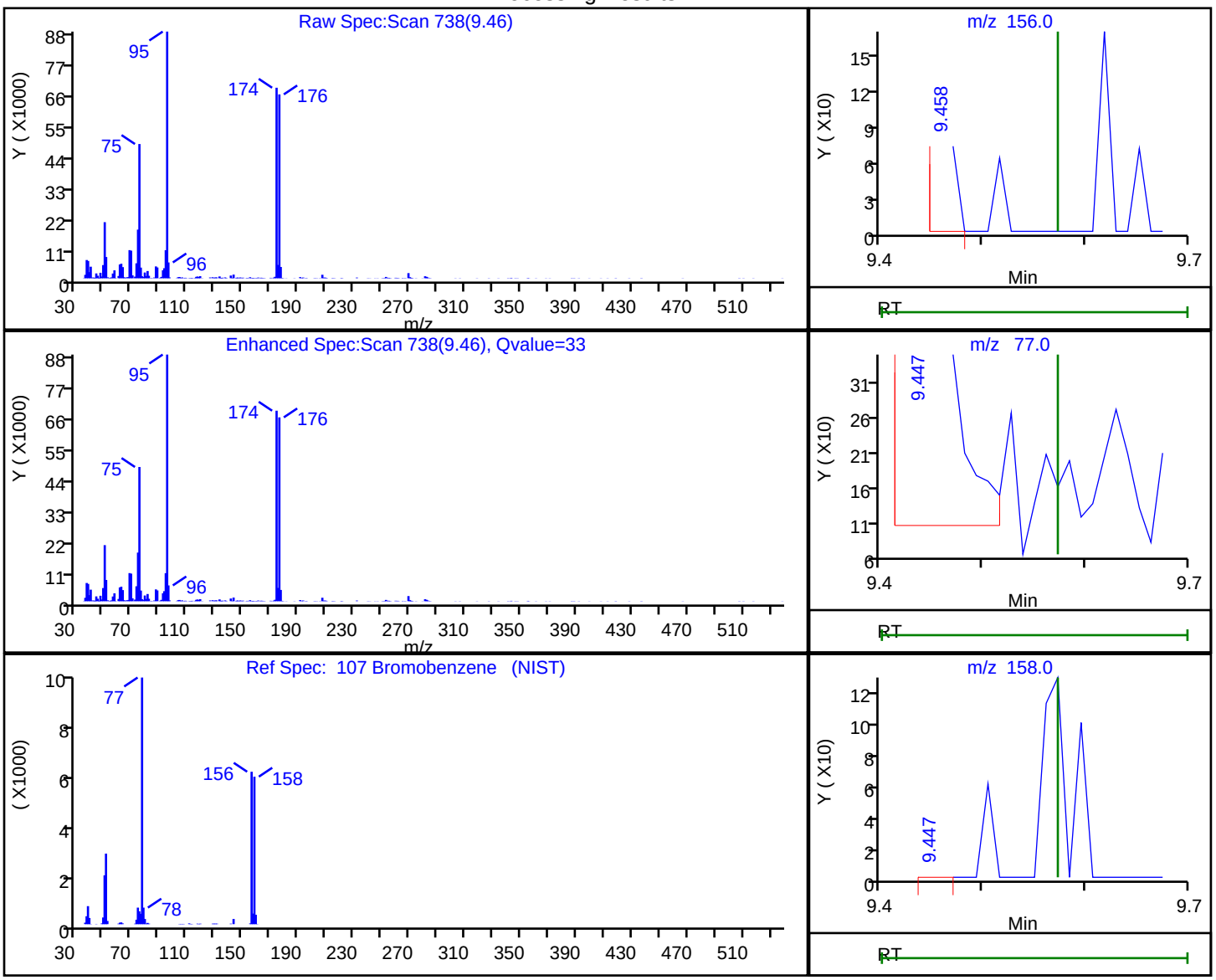
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
9.46	156.00	119	0.019562
9.45	77.00	2021	
9.45	158.00	167	

Reviewer: W9CM, 02-Oct-2022 09:26:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

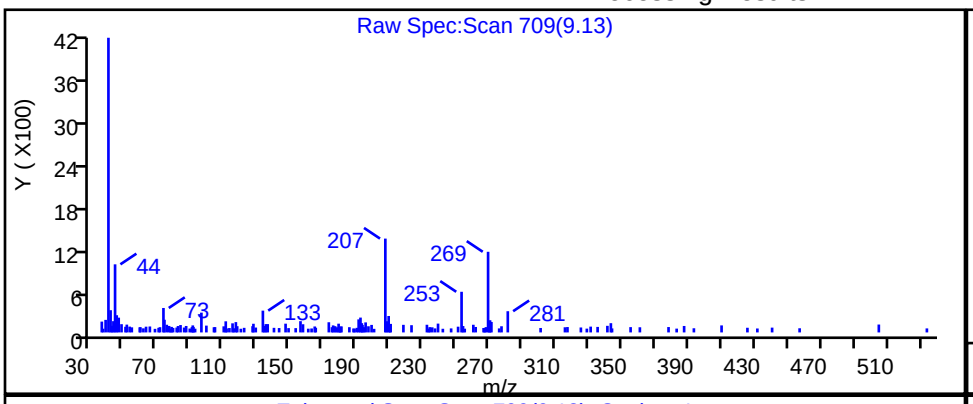
User Disabled Compound Report

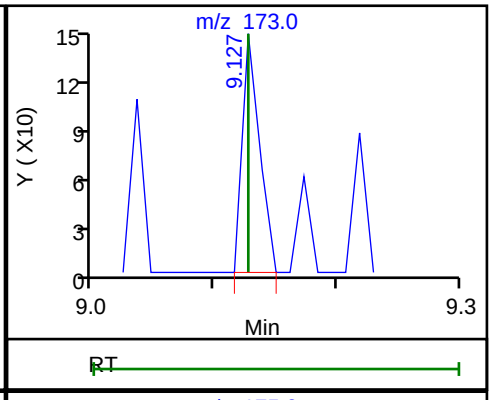
Eurofins Edison

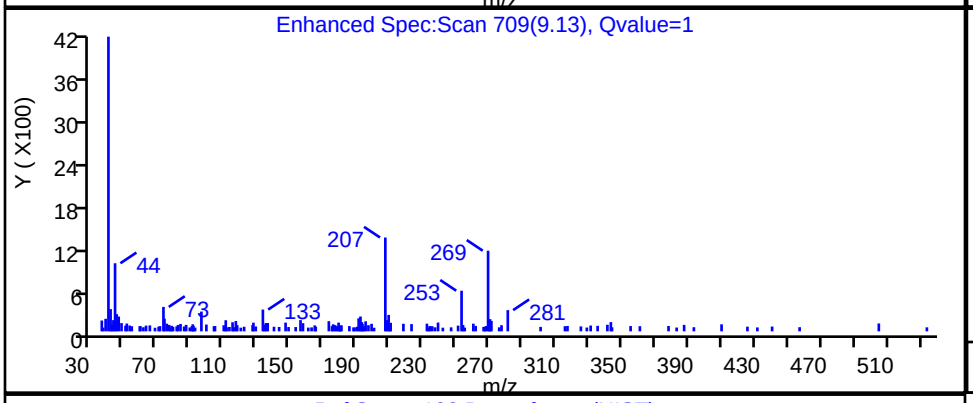
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

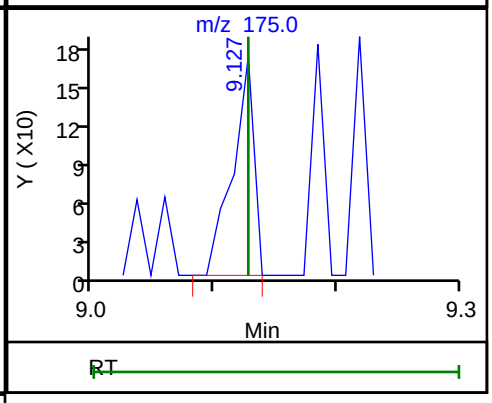
103 Bromoform, CAS: 75-25-2

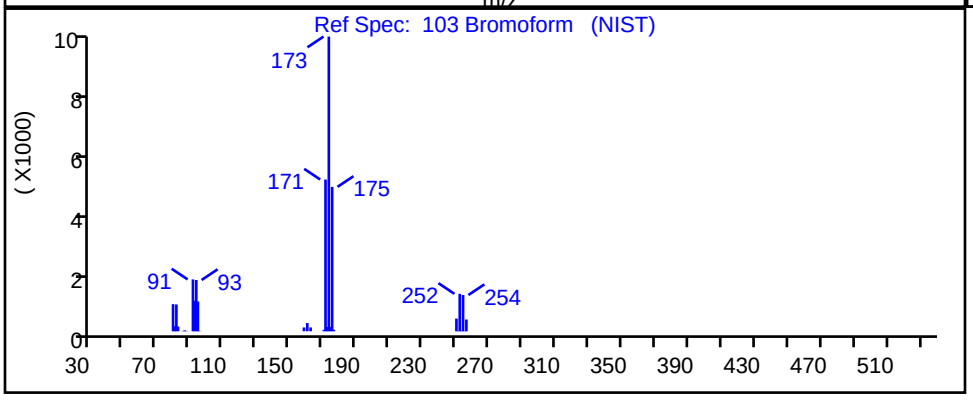
Processing Results











RT	Mass	Response	Amount
9.13	173.00	139	0.037644
9.13	175.00	207	

Reviewer: W9CM, 02-Oct-2022 09:26:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

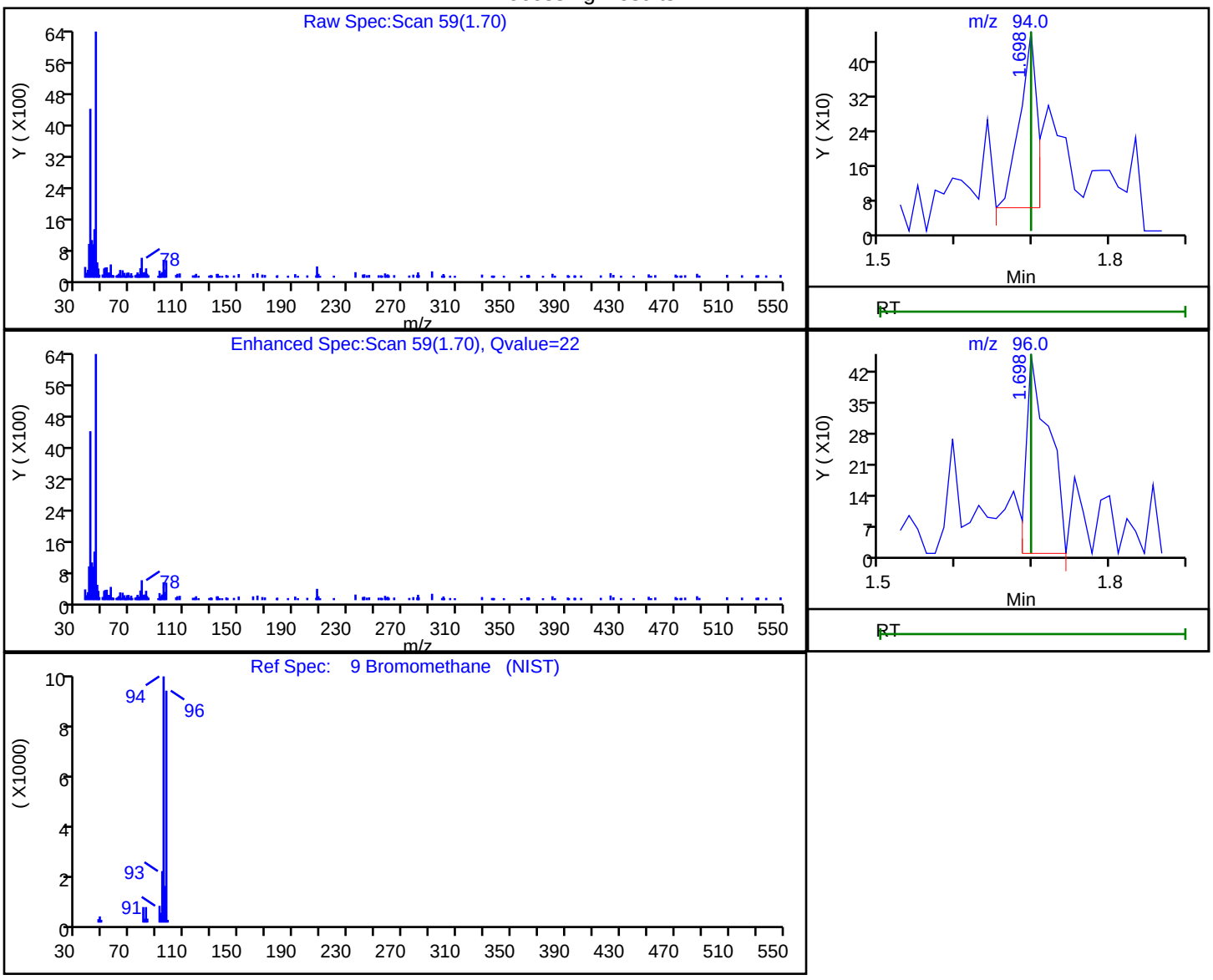
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
1.70	94.00	658	0.192055
1.70	96.00	930	

Reviewer: W9CM, 02-Oct-2022 09:22:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

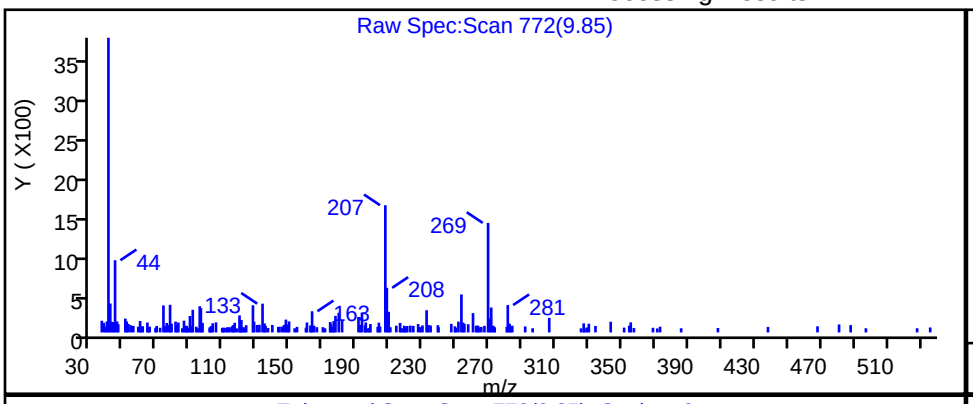
User Disabled Compound Report

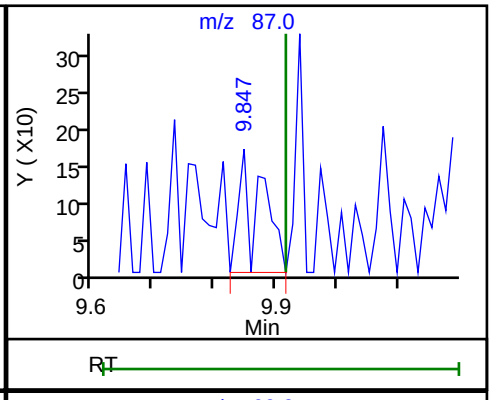
Eurofins Edison

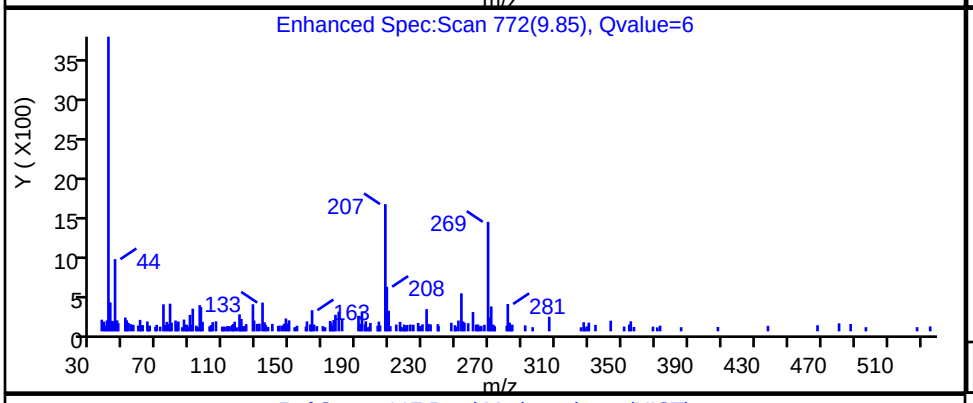
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

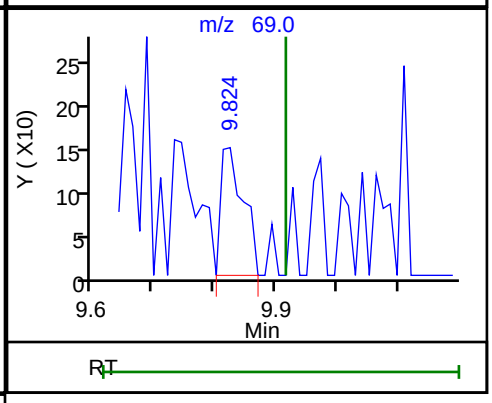
117 Butyl Methacrylate, CAS: 97-88-1

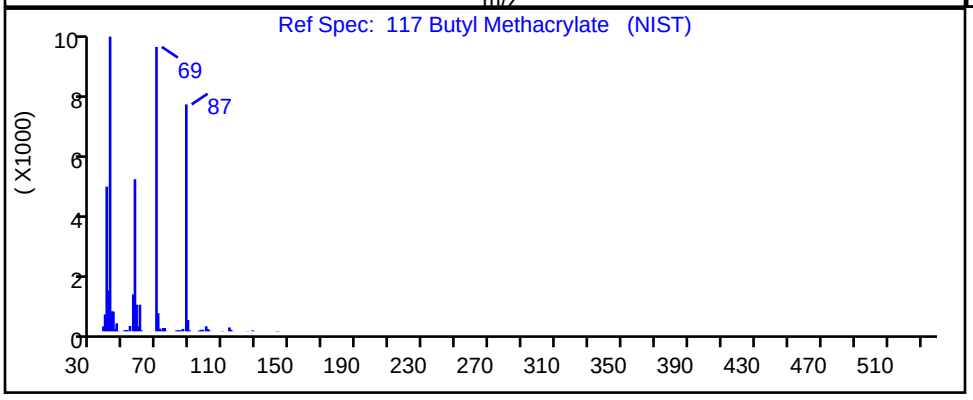
Processing Results











RT	Mass	Response	Amount
9.85	87.00	434	0.049463
9.82	69.00	370	

Reviewer: W9CM, 02-Oct-2022 09:26:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

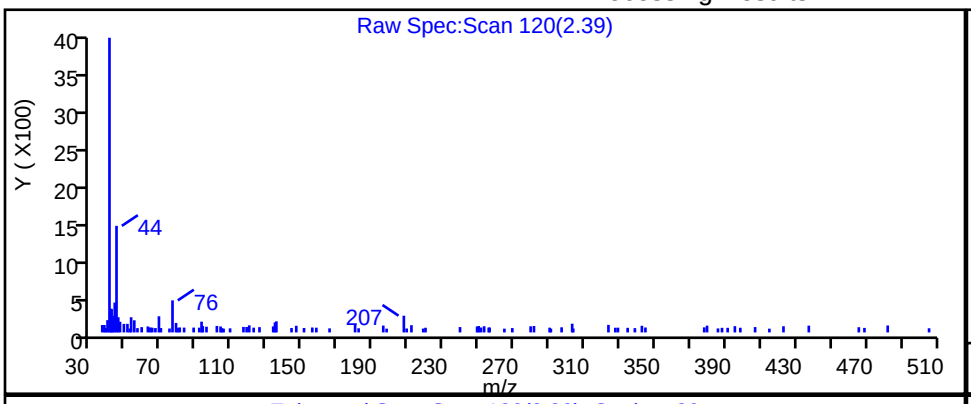
User Disabled Compound Report

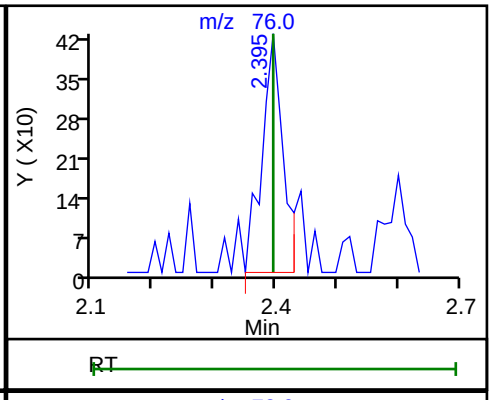
Eurofins Edison

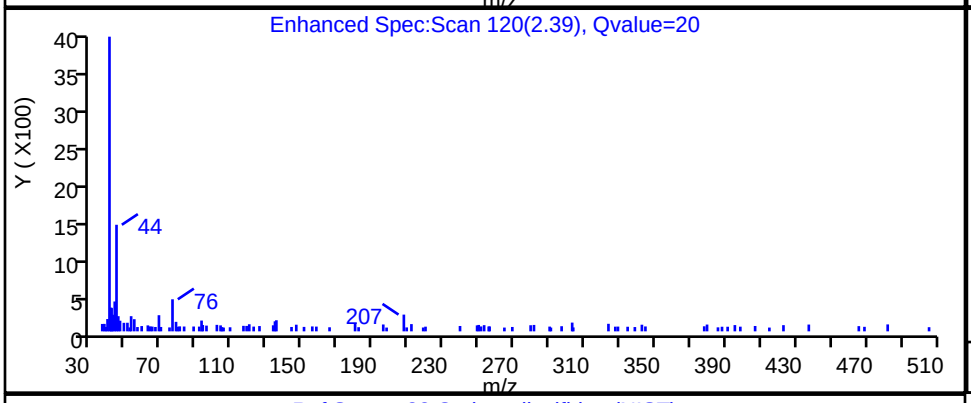
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

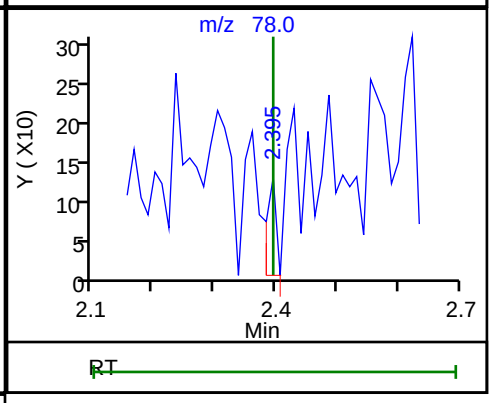
22 Carbon disulfide, CAS: 75-15-0

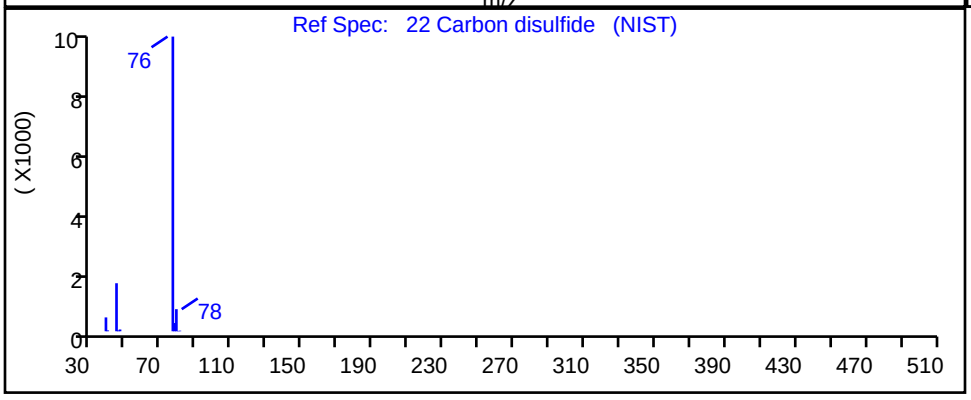
Processing Results











RT	Mass	Response	Amount
2.39	76.00	1027	0.041209
2.39	78.00	134	

Reviewer: W9CM, 02-Oct-2022 09:22:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

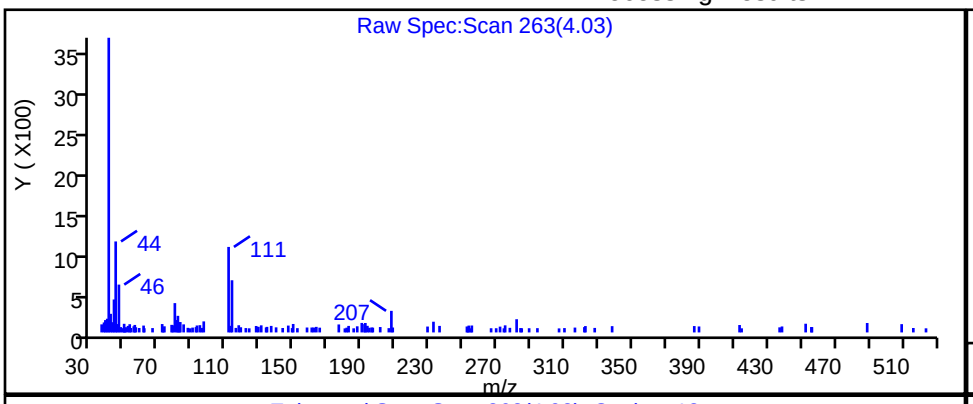
User Disabled Compound Report

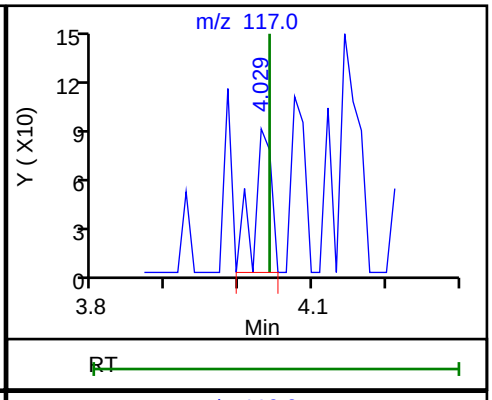
Eurofins Edison

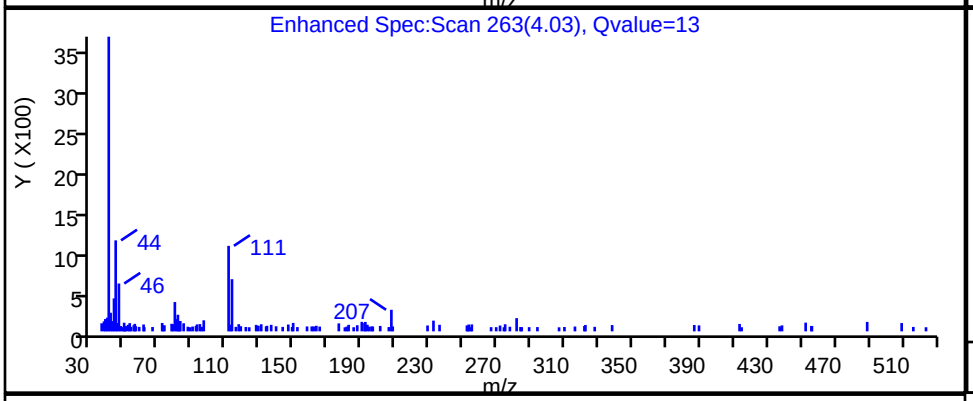
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

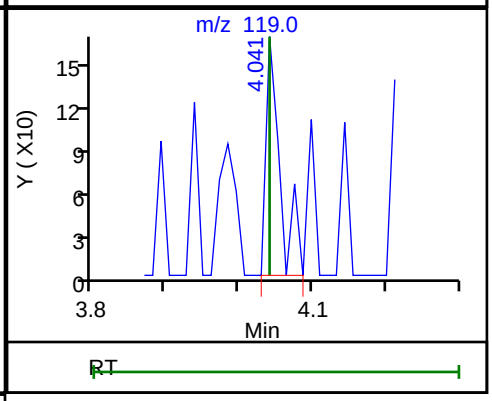
57 Carbon tetrachloride, CAS: 56-23-5

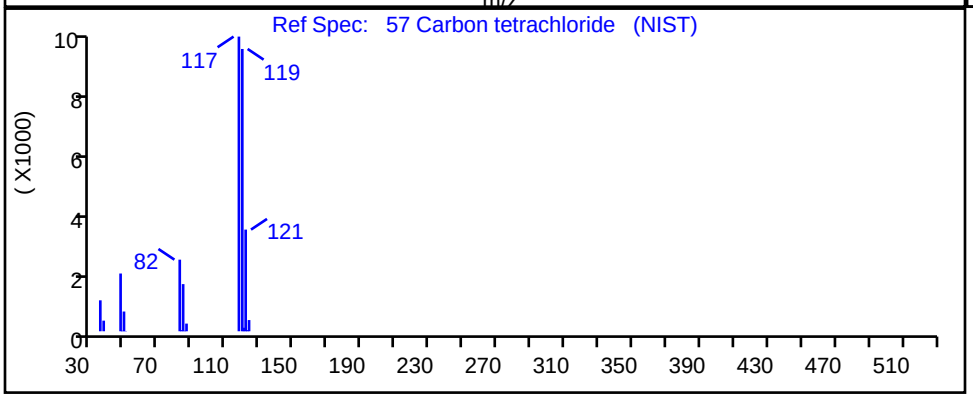
Processing Results











RT	Mass	Response	Amount
4.03	117.00	149	0.016600
4.04	119.00	223	

Reviewer: W9CM, 02-Oct-2022 09:25:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

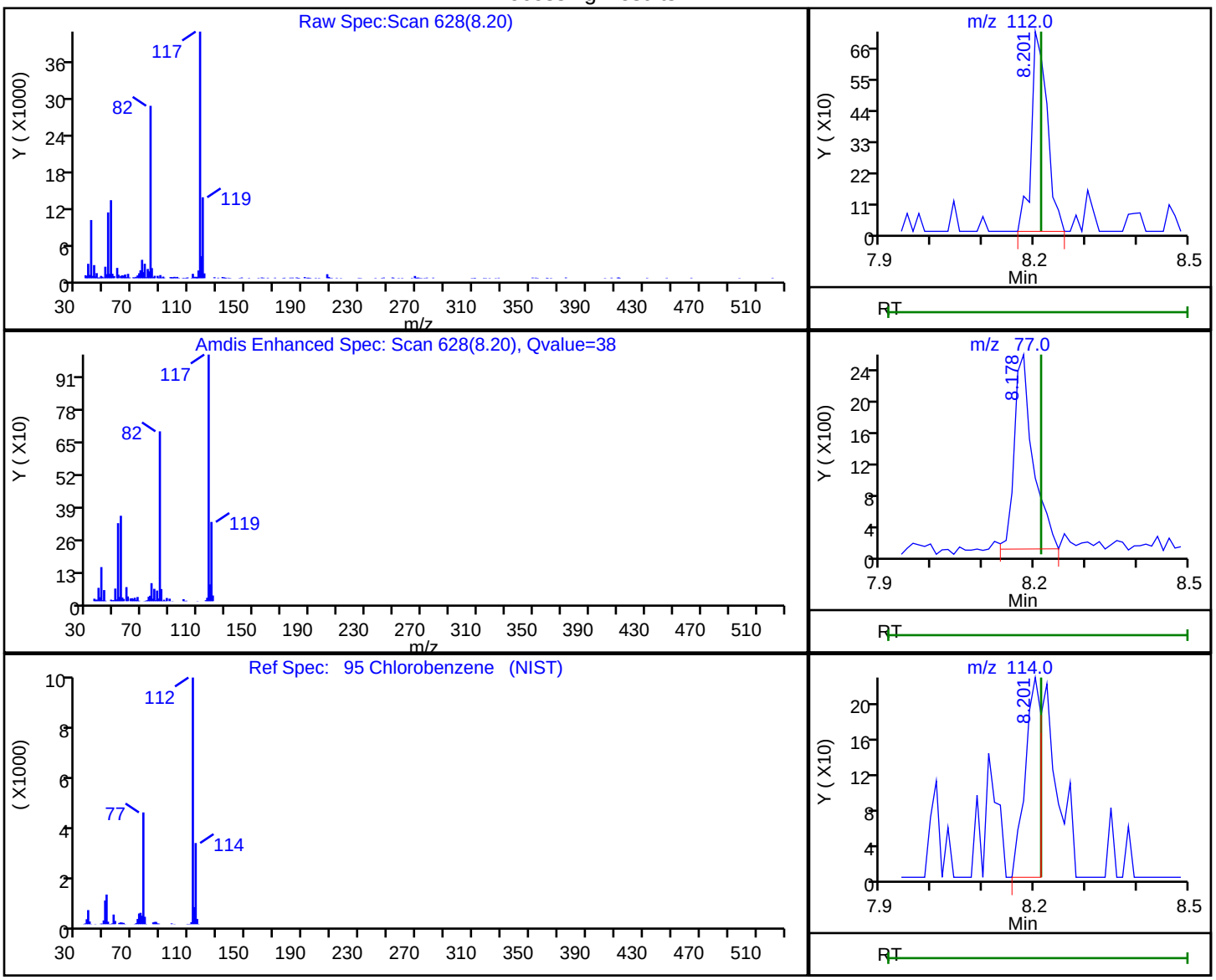
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
8.20	112.00	1523	0.085020
8.18	77.00	6428	
8.20	114.00	502	

Reviewer: W9CM, 02-Oct-2022 09:26:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

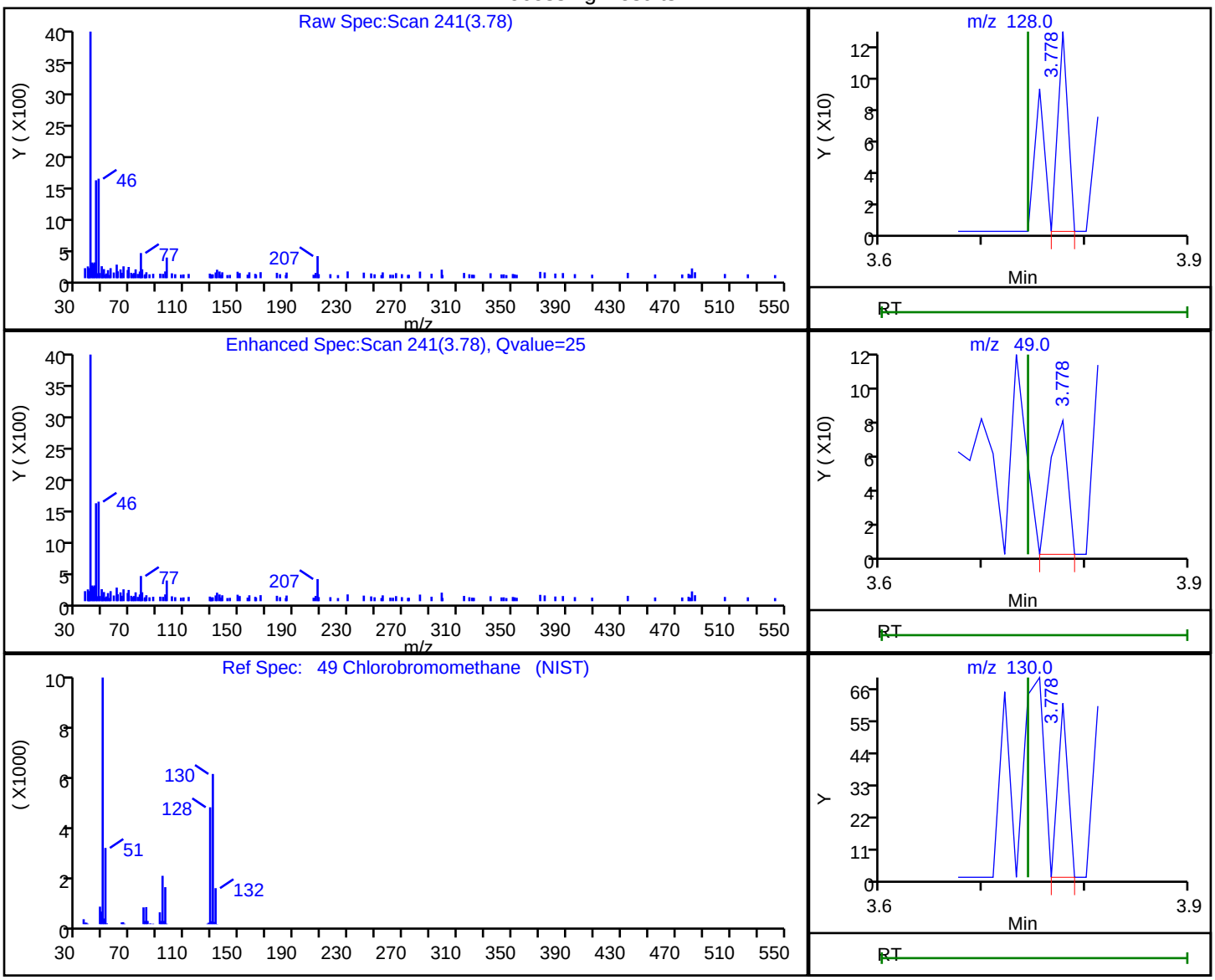
User Disabled Compound Report

Eurofins Edison

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Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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		

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.78	128.00	88	0.030786
3.78	49.00	91	
3.78	130.00	42	

Reviewer: W9CM, 02-Oct-2022 09:24:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

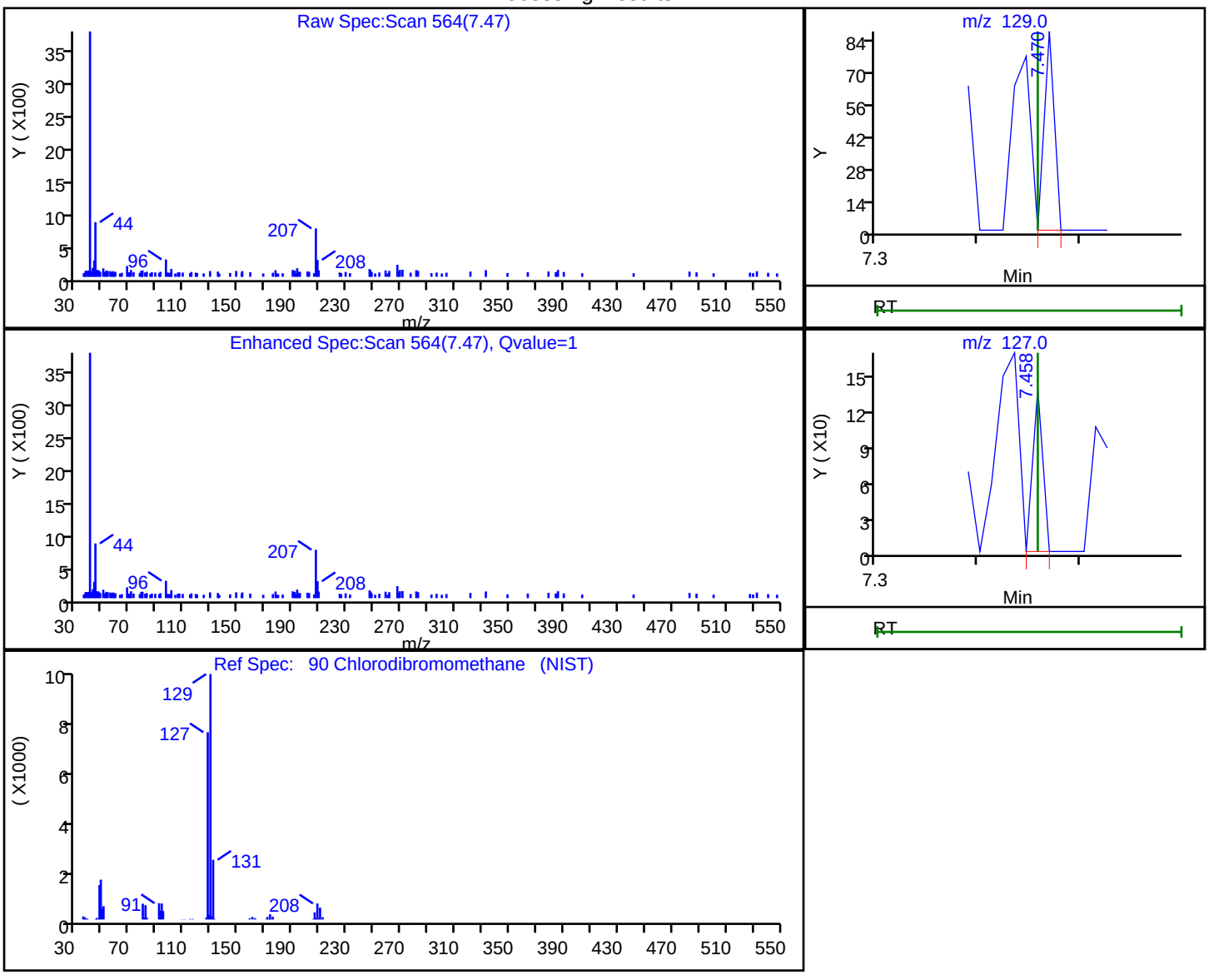
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Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

90 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
7.47	129.00	60	0.010024
7.46	127.00	95	

Reviewer: W9CM, 02-Oct-2022 09:26:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

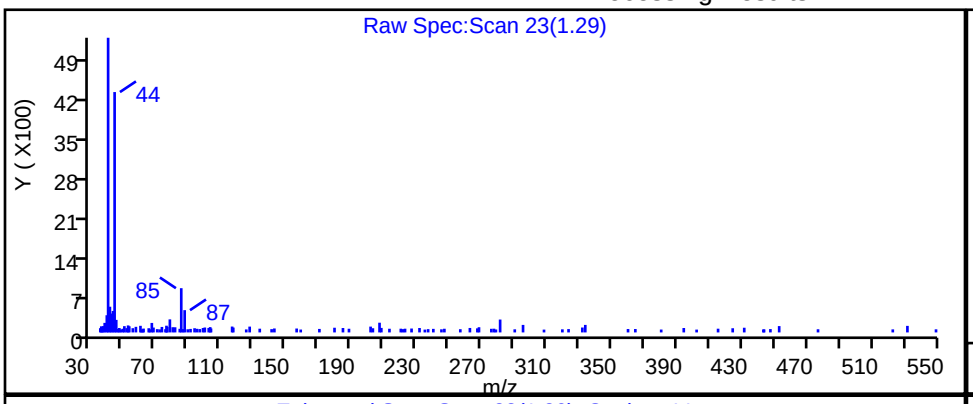
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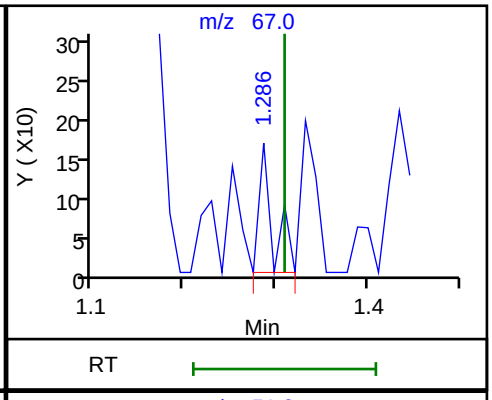
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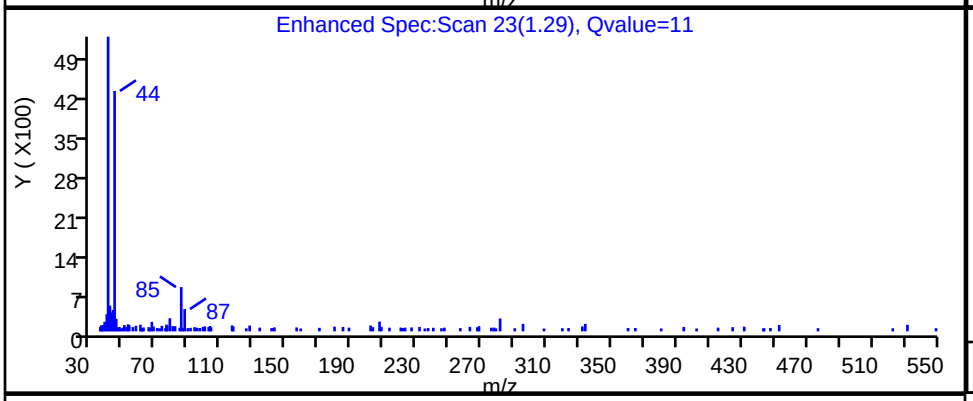
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

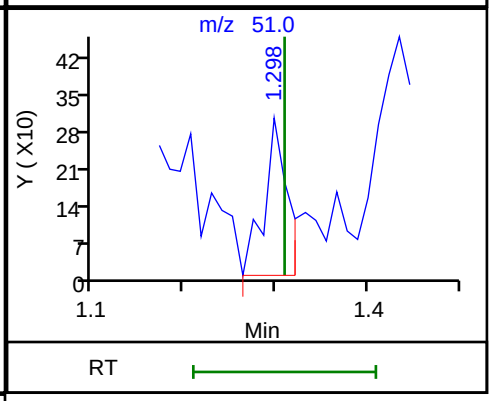
2 Chlorodifluoromethane, CAS: 75-45-6

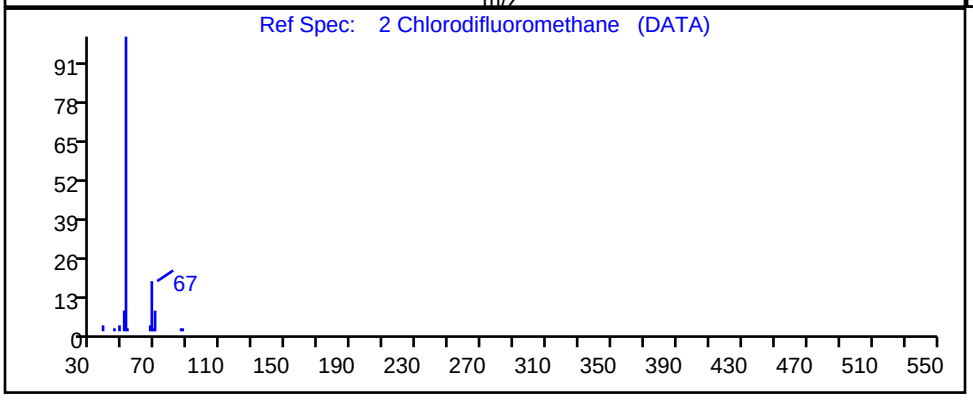
Processing Results











RT	Mass	Response	Amount
1.29	67.00	176	0.078813
1.30	51.00	524	

Reviewer: W9CM, 02-Oct-2022 09:21:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

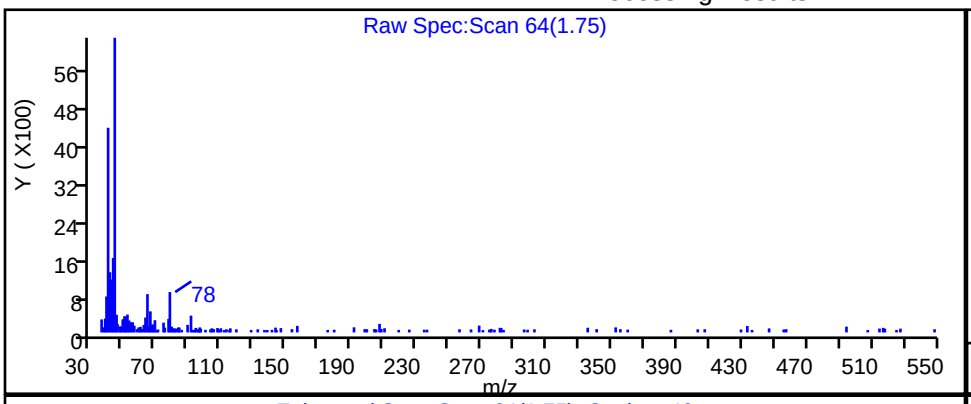
User Disabled Compound Report

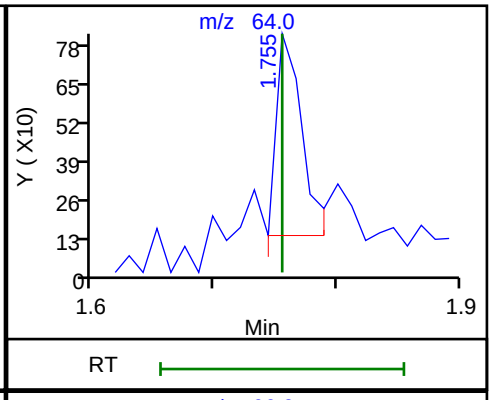
Eurofins Edison

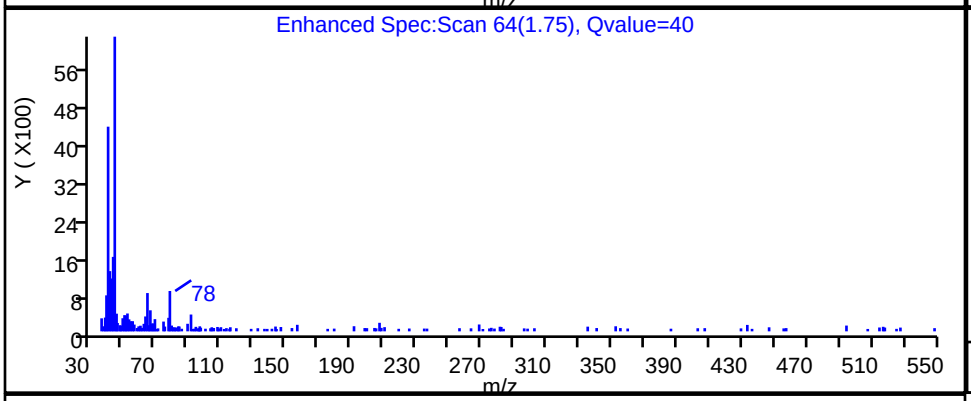
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

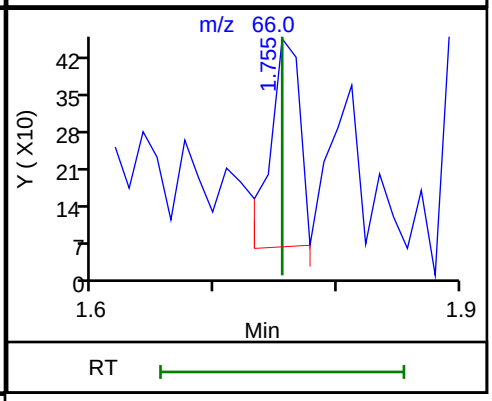
10 Chloroethane, CAS: 75-00-3

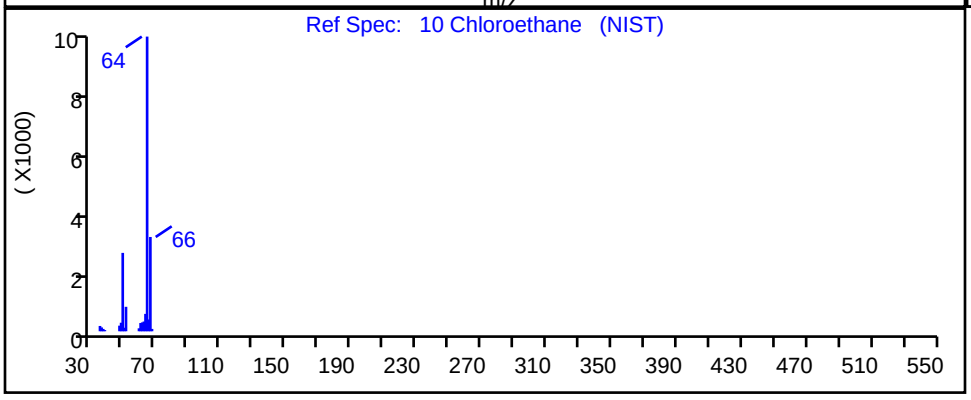
Processing Results











RT	Mass	Response	Amount
1.75	64.00	1000	0.180260
1.75	66.00	675	

Reviewer: W9CM, 02-Oct-2022 09:22:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

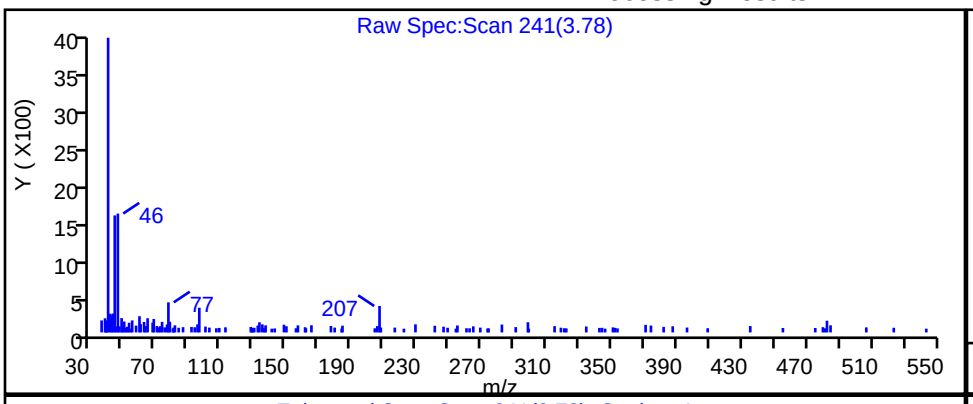
User Disabled Compound Report

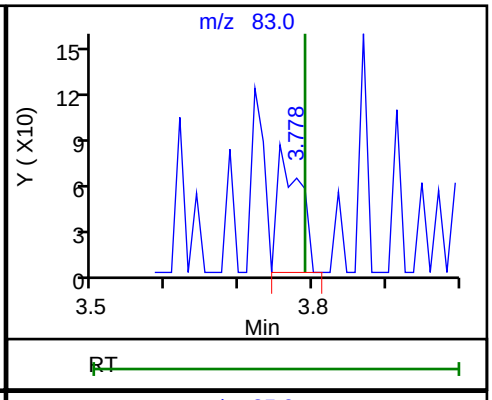
Eurofins Edison

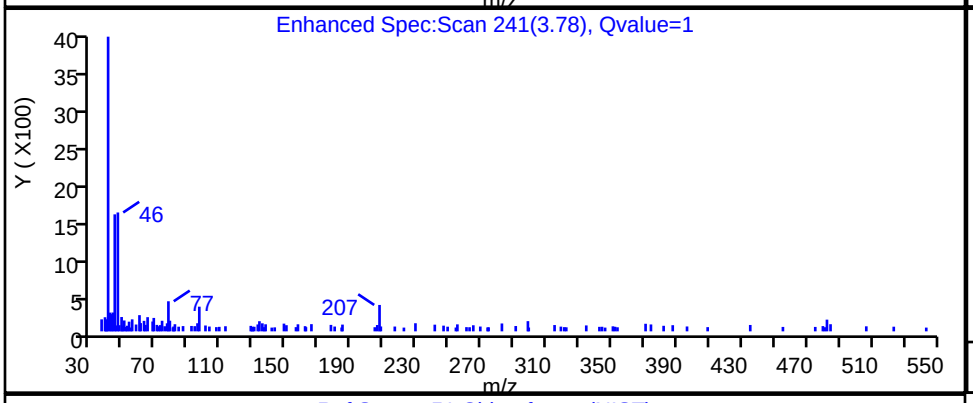
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

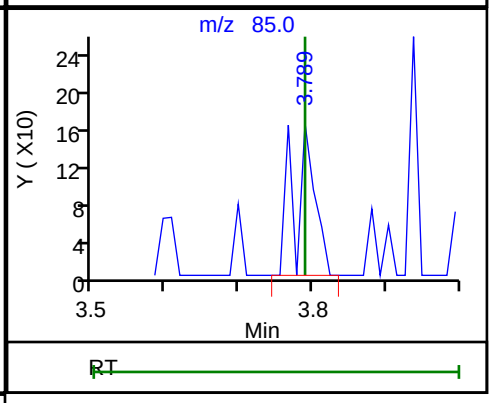
51 Chloroform, CAS: 67-66-3

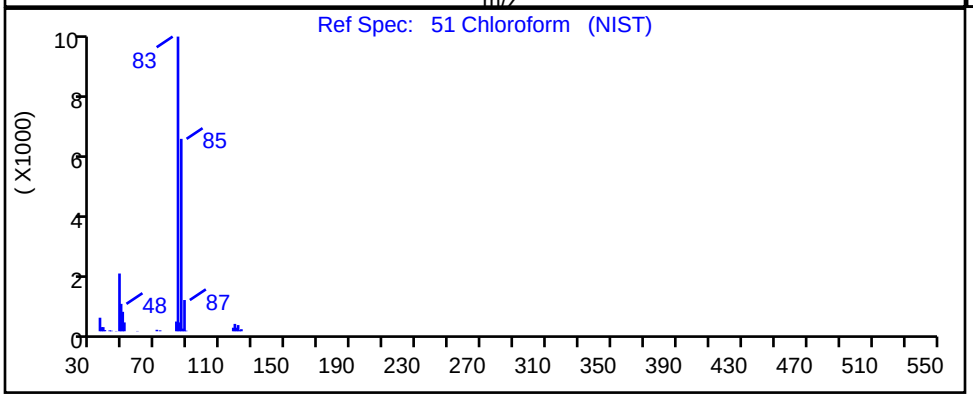
Processing Results











RT	Mass	Response	Amount
3.78	83.00	176	0.012962
3.79	85.00	315	

Reviewer: W9CM, 02-Oct-2022 09:25:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

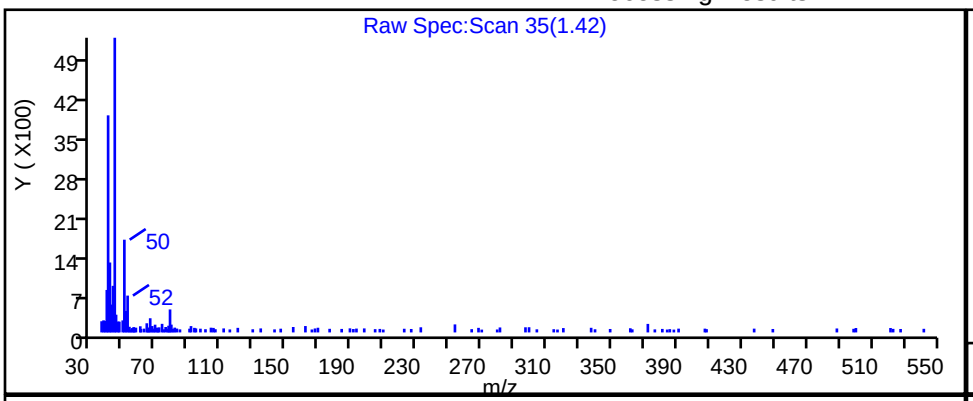
User Disabled Compound Report

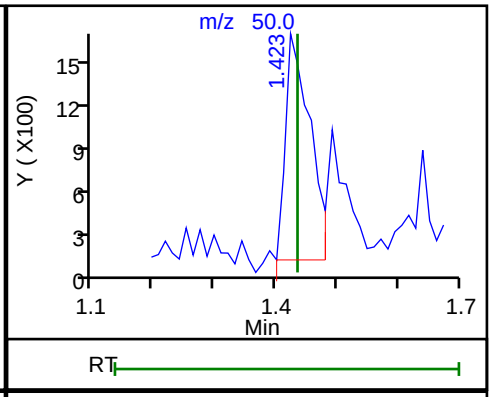
Eurofins Edison

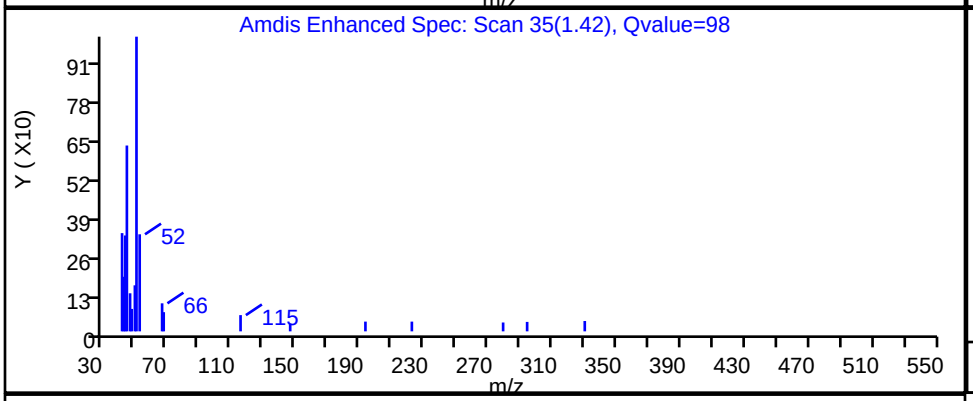
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

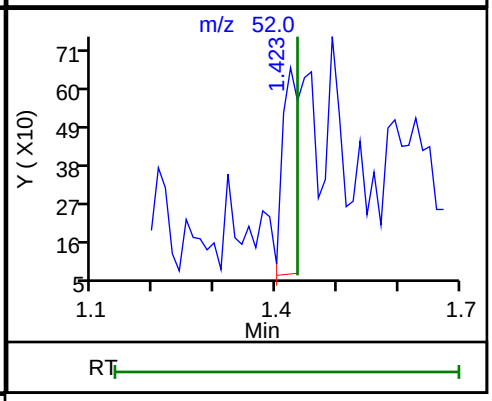
6 Chloromethane, CAS: 74-87-3

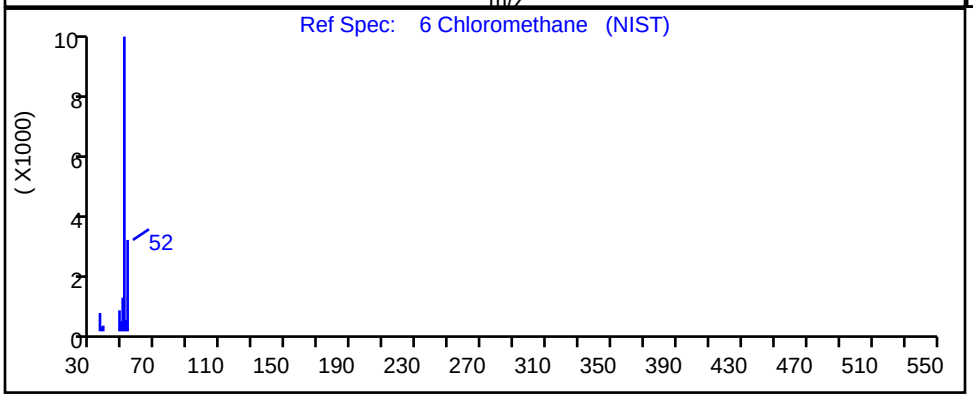
Processing Results











RT	Mass	Response	Amount
1.42	50.00	4385	0.293624
1.42	52.00	1097	

Reviewer: W9CM, 02-Oct-2022 09:21:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

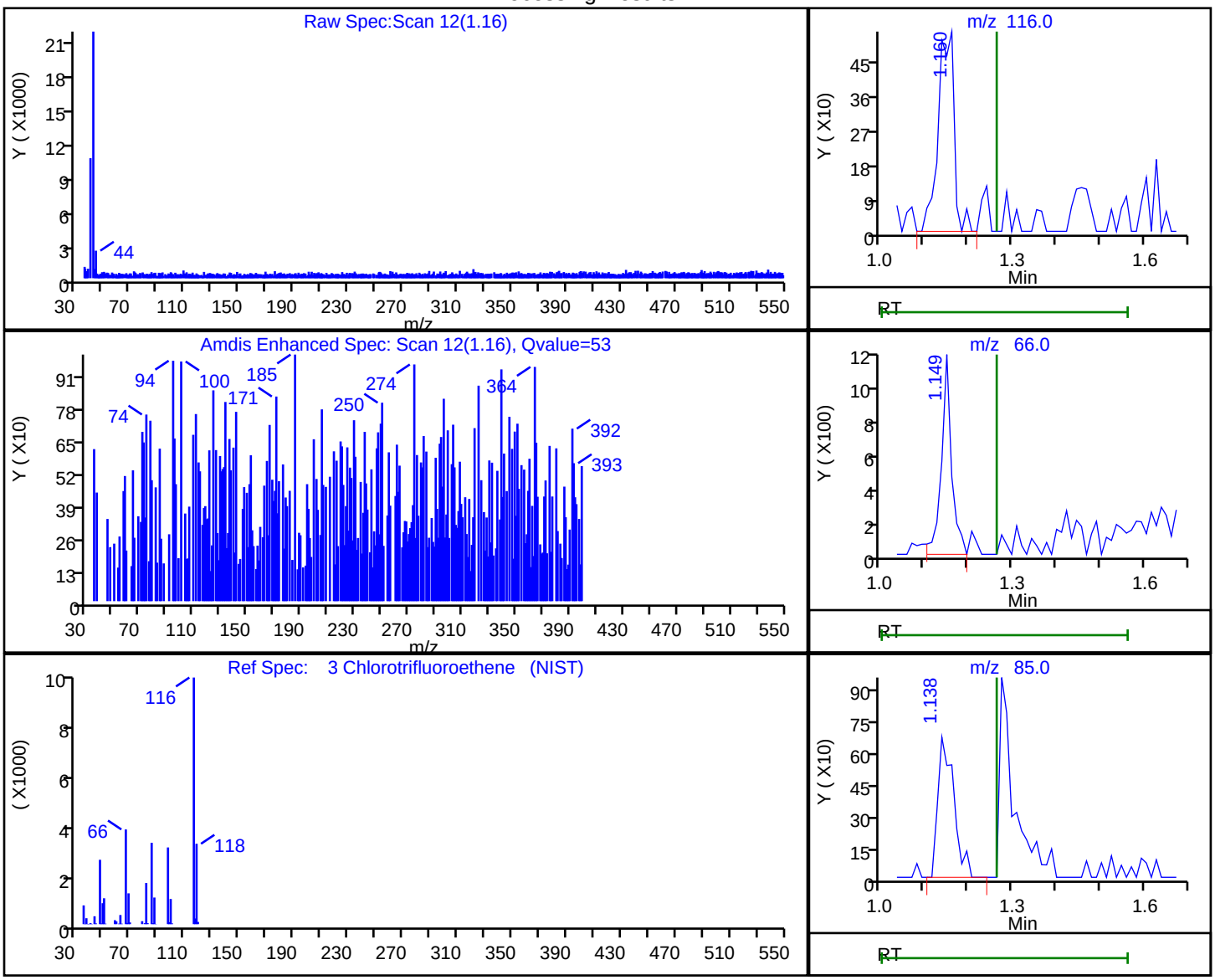
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
1.16	116.00	1333	0.667933
1.15	66.00	1870	
1.14	85.00	1693	
1.15	118.00	2222	

Reviewer: W9CM, 02-Oct-2022 09:21:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

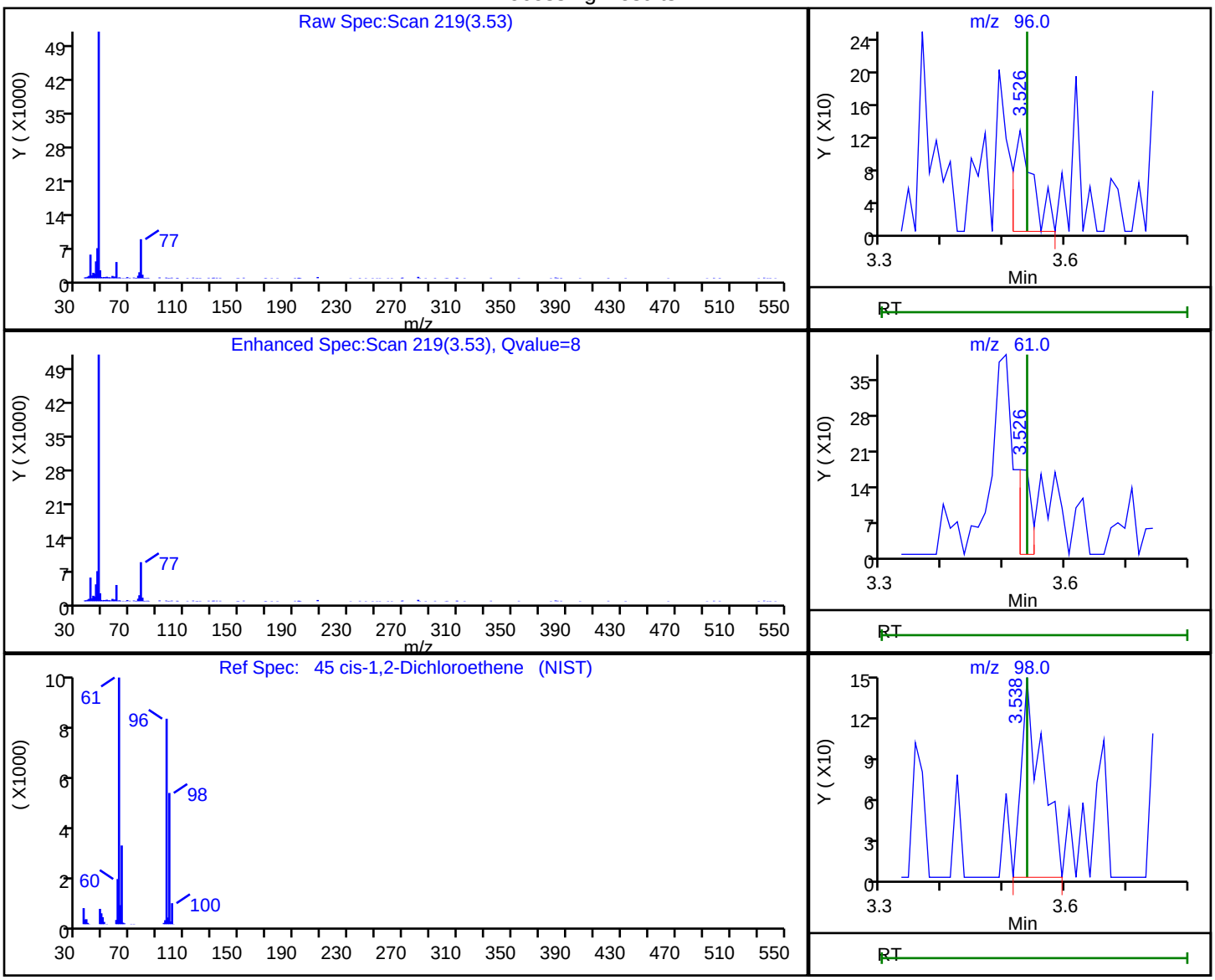
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

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

Processing Results



RT	Mass	Response	Amount
3.53	96.00	271	0.035323
3.53	61.00	269	
3.54	98.00	350	

Reviewer: W9CM, 02-Oct-2022 09:24:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

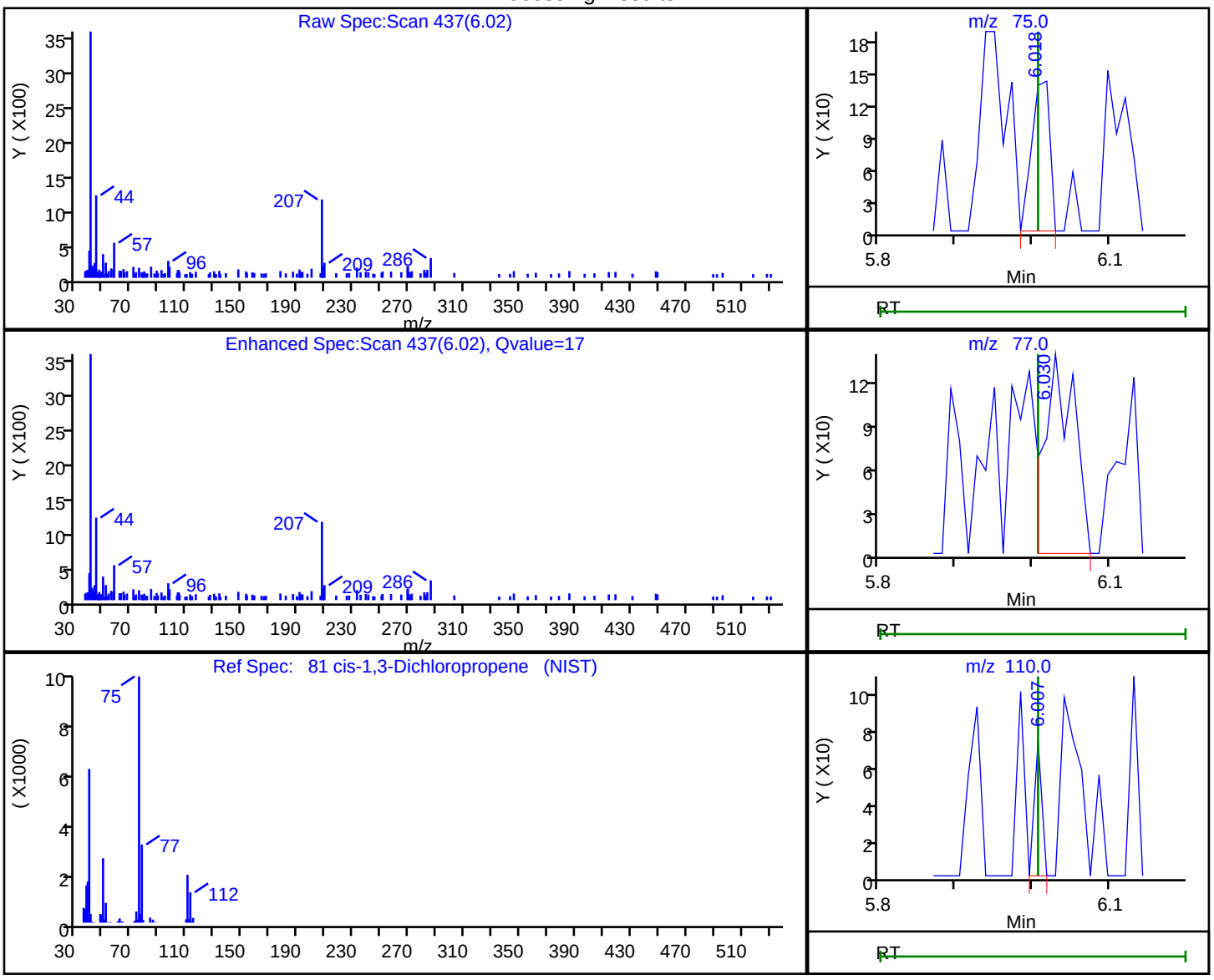
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
6.02	75.00	235	0.016941
6.03	77.00	372	
6.01	110.00	49	

Reviewer: W9CM, 02-Oct-2022 09:25:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

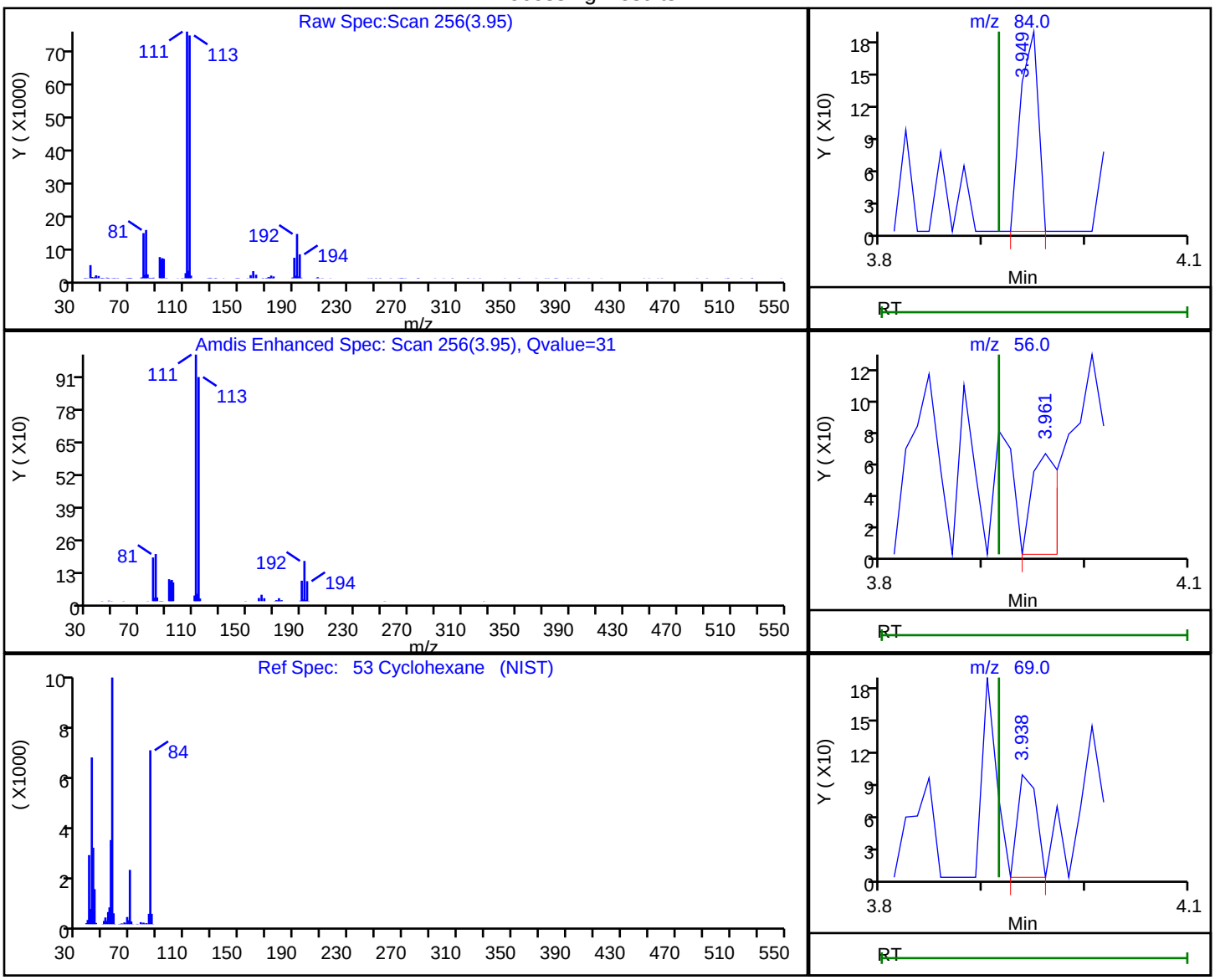
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.95	84.00	219	0.017438
3.96	56.00	113	
3.94	69.00	124	

Reviewer: W9CM, 02-Oct-2022 09:25:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

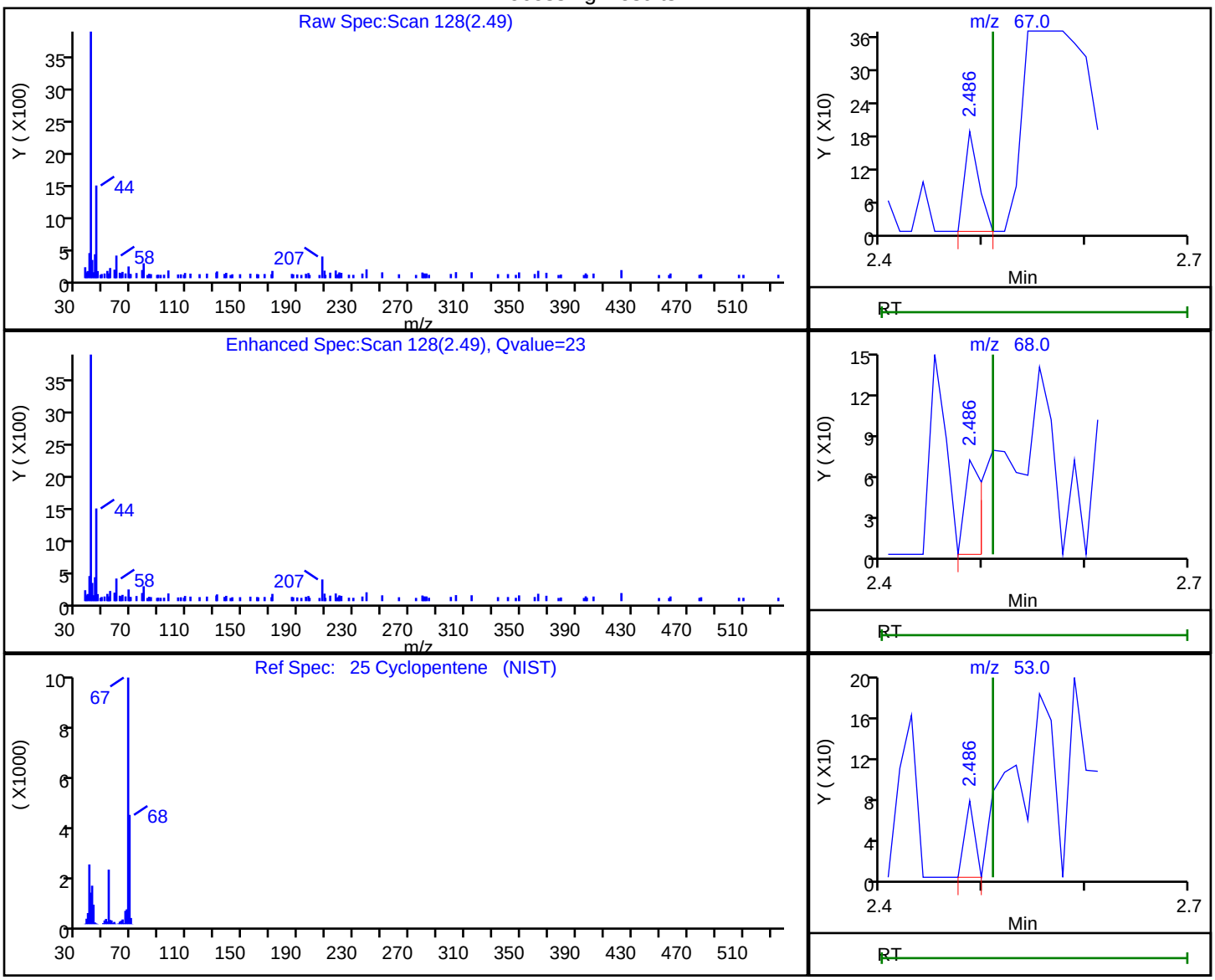
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Eurofins Edison

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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
2.49	67.00	172	0.006960
2.49	68.00	82	
2.49	53.00	51	

Reviewer: W9CM, 02-Oct-2022 09:22:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

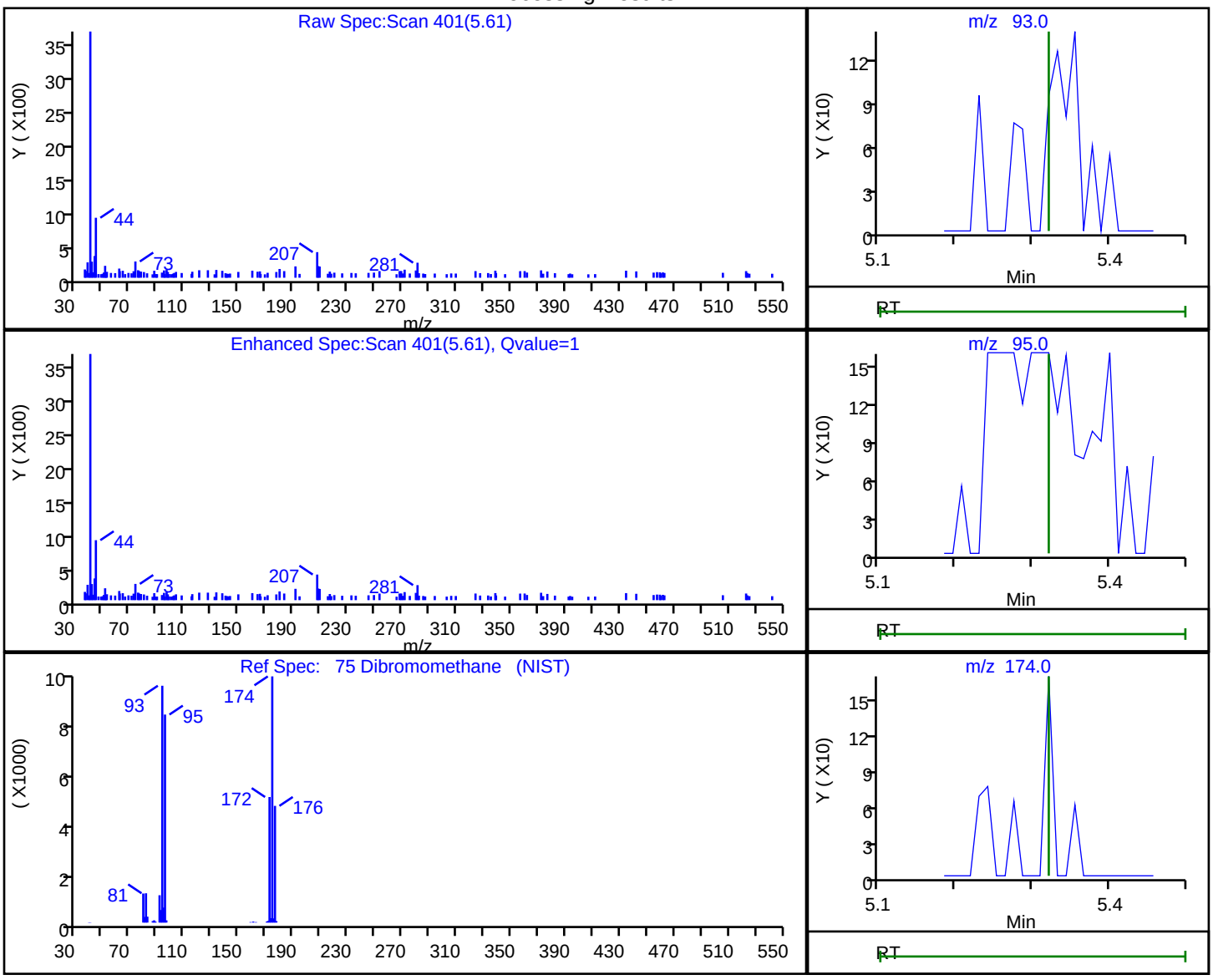
User Disabled Compound Report

Eurofins Edison

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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
5.61	93.00	101	0.022143
5.60	95.00	91	
5.62	174.00	80	

Reviewer: W9CM, 02-Oct-2022 09:25:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

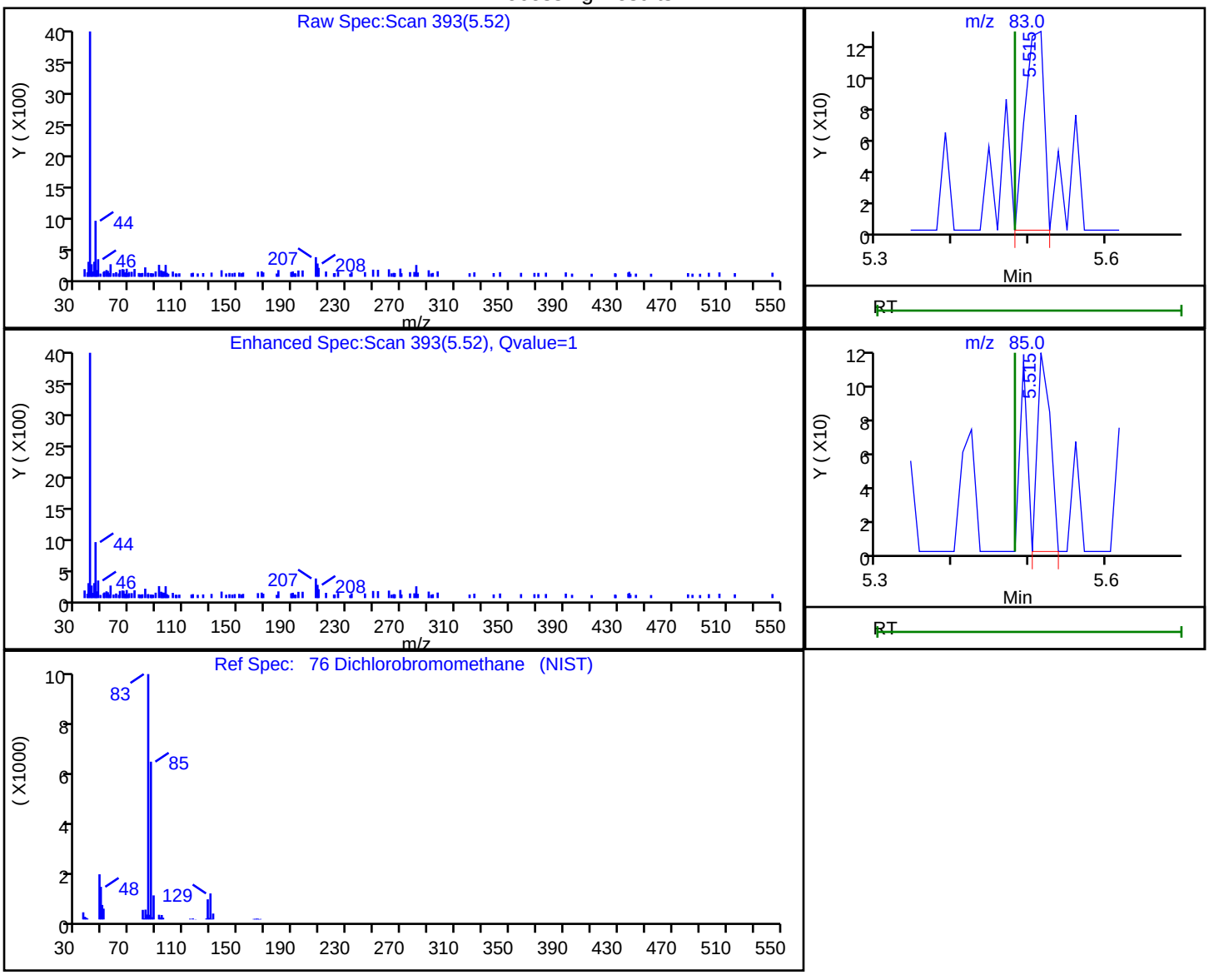
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Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

76 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.52	83.00	217	0.021347
5.52	85.00	133	

Reviewer: W9CM, 02-Oct-2022 09:25:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

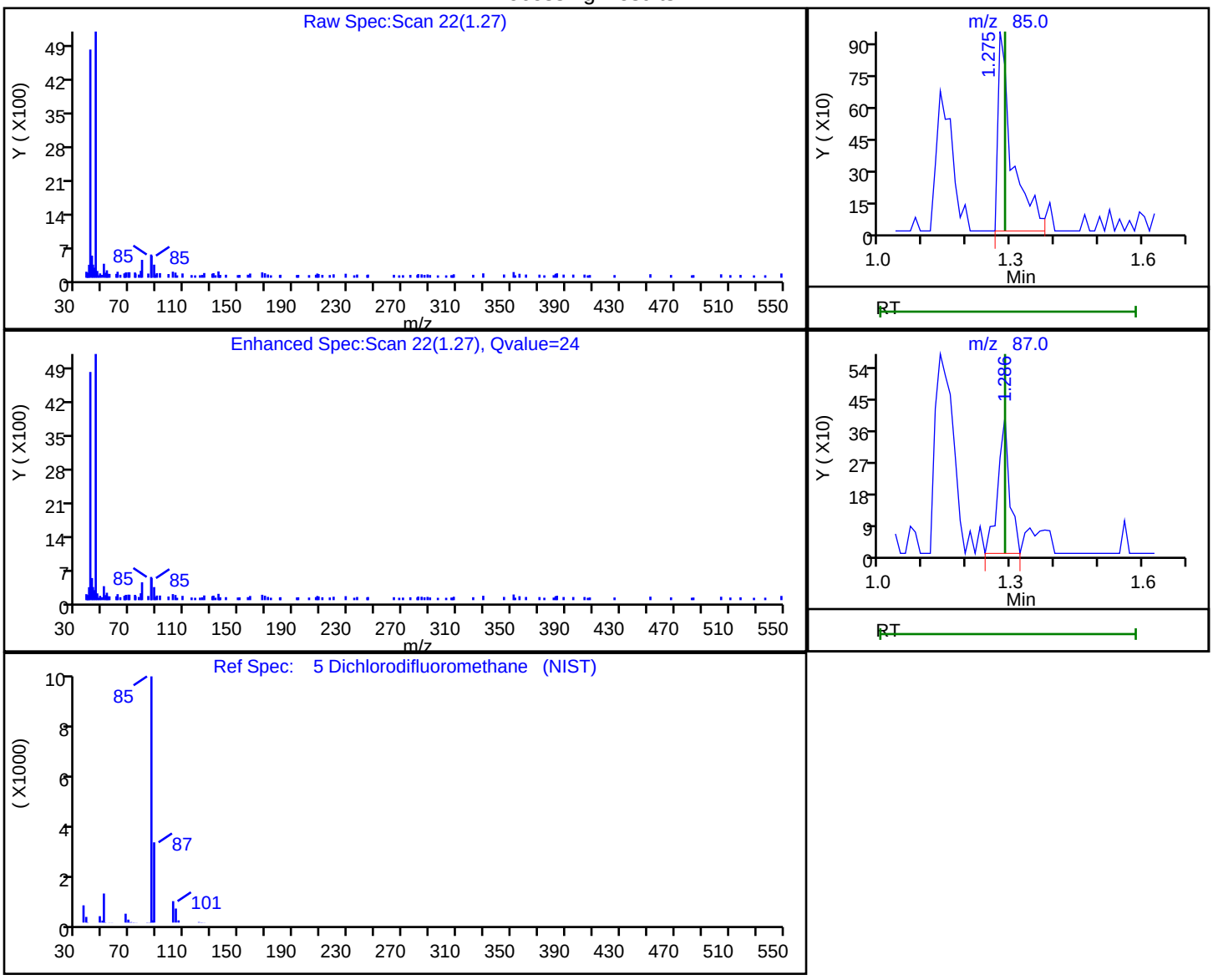
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Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
1.27	85.00	2154	0.239666
1.29	87.00	730	

Reviewer: W9CM, 02-Oct-2022 09:21:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

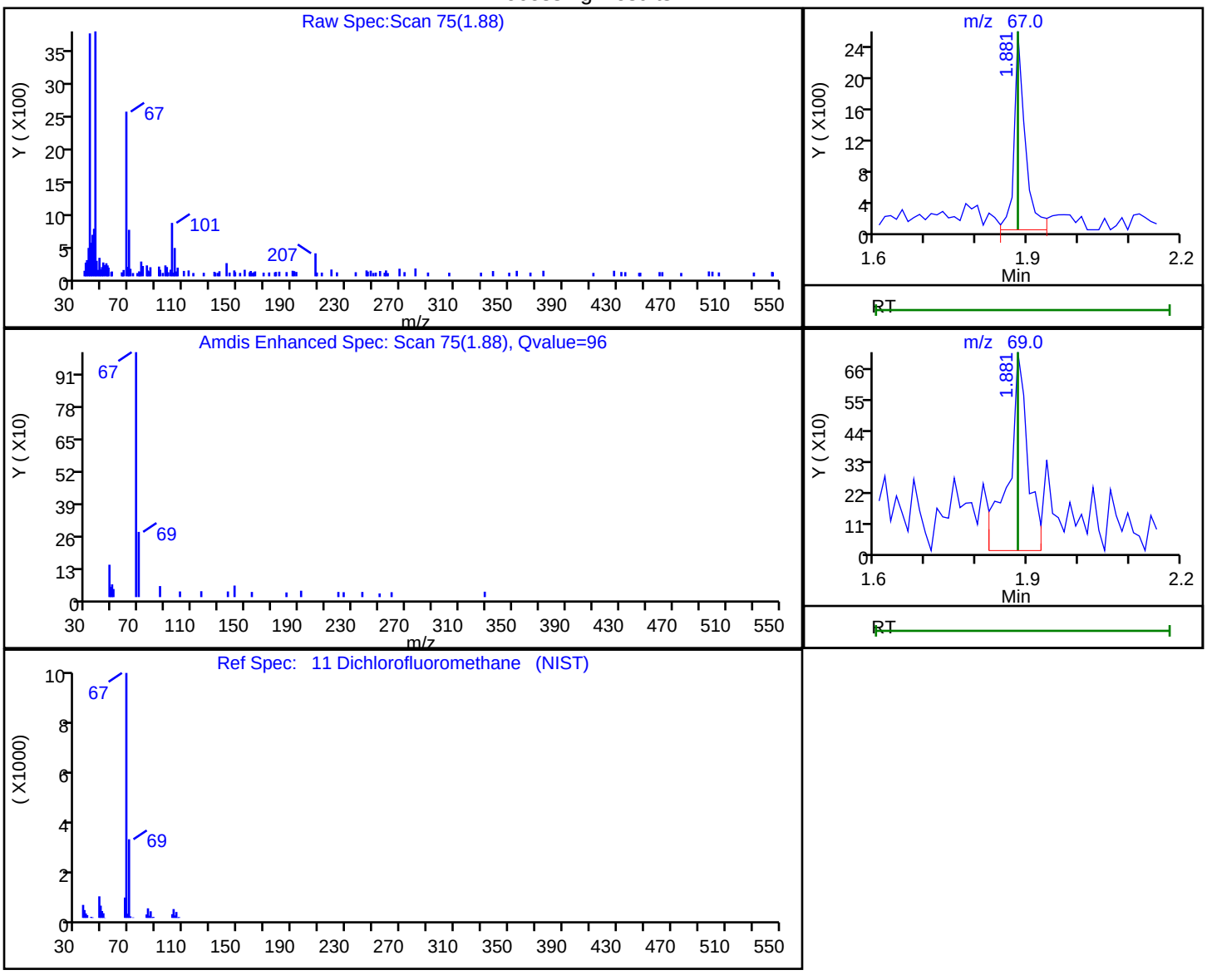
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.88	67.00	3813	0.246064
1.88	69.00	1885	

Reviewer: W9CM, 02-Oct-2022 09:22:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

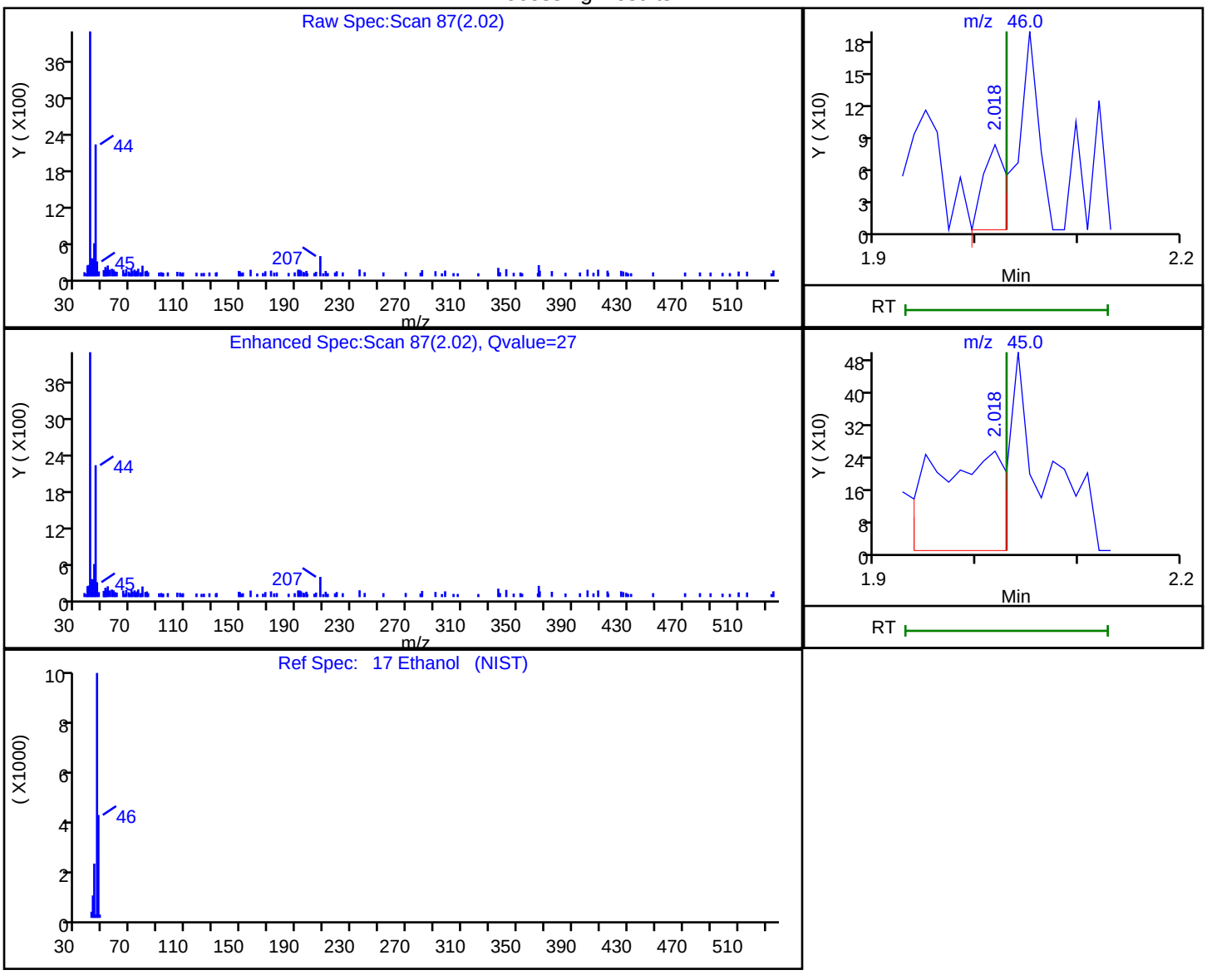
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
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Operator ID: ALS Bottle#: 52 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

17 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.02	46.00	128	3.513946
2.02	45.00	1223	

Reviewer: W9CM, 02-Oct-2022 09:22:13
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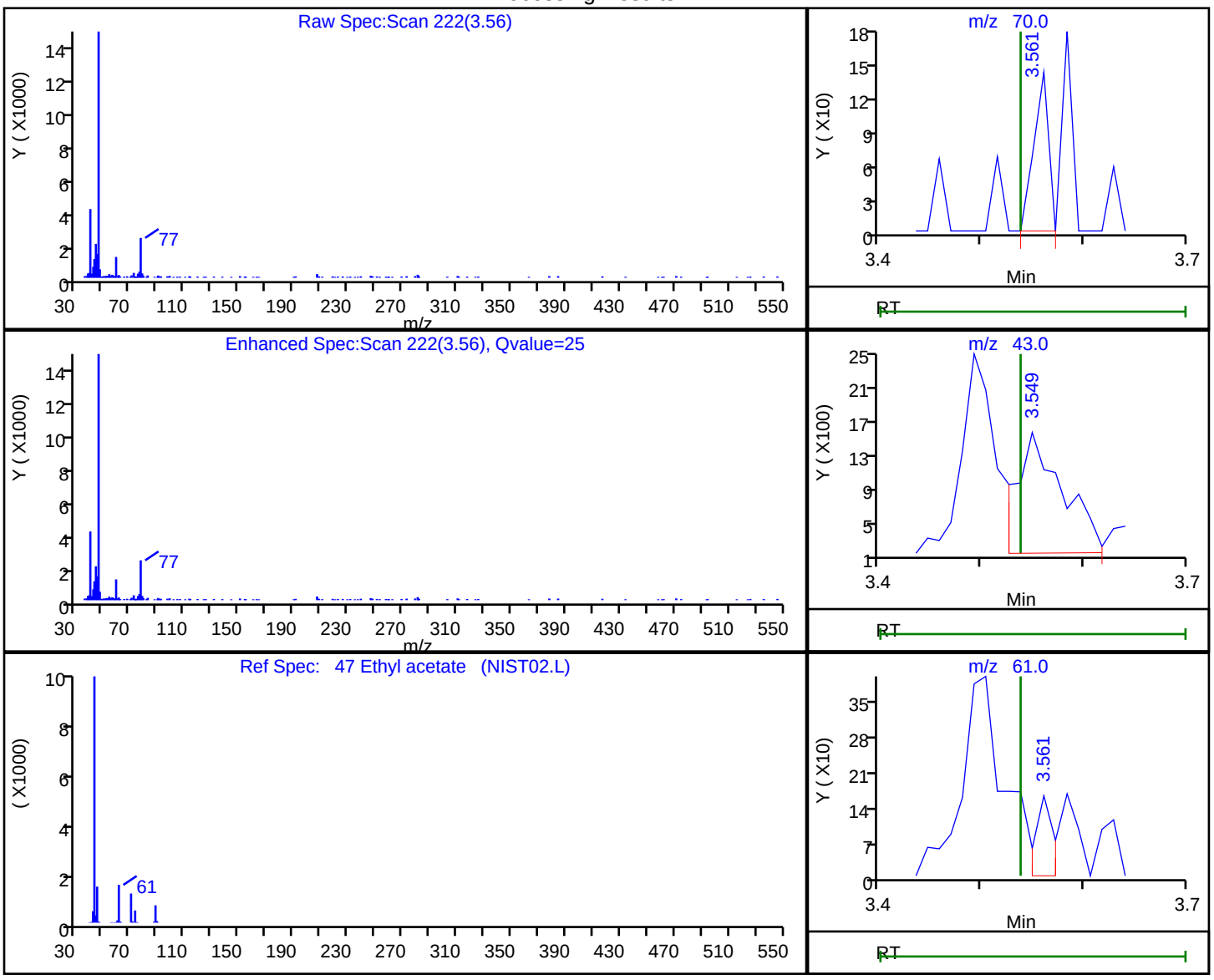
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Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
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Operator ID: ALS Bottle#: 52 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
3.56	70.00	142	0.115566
3.55	43.00	4331	
3.56	61.00	196	

Reviewer: W9CM, 02-Oct-2022 09:24:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

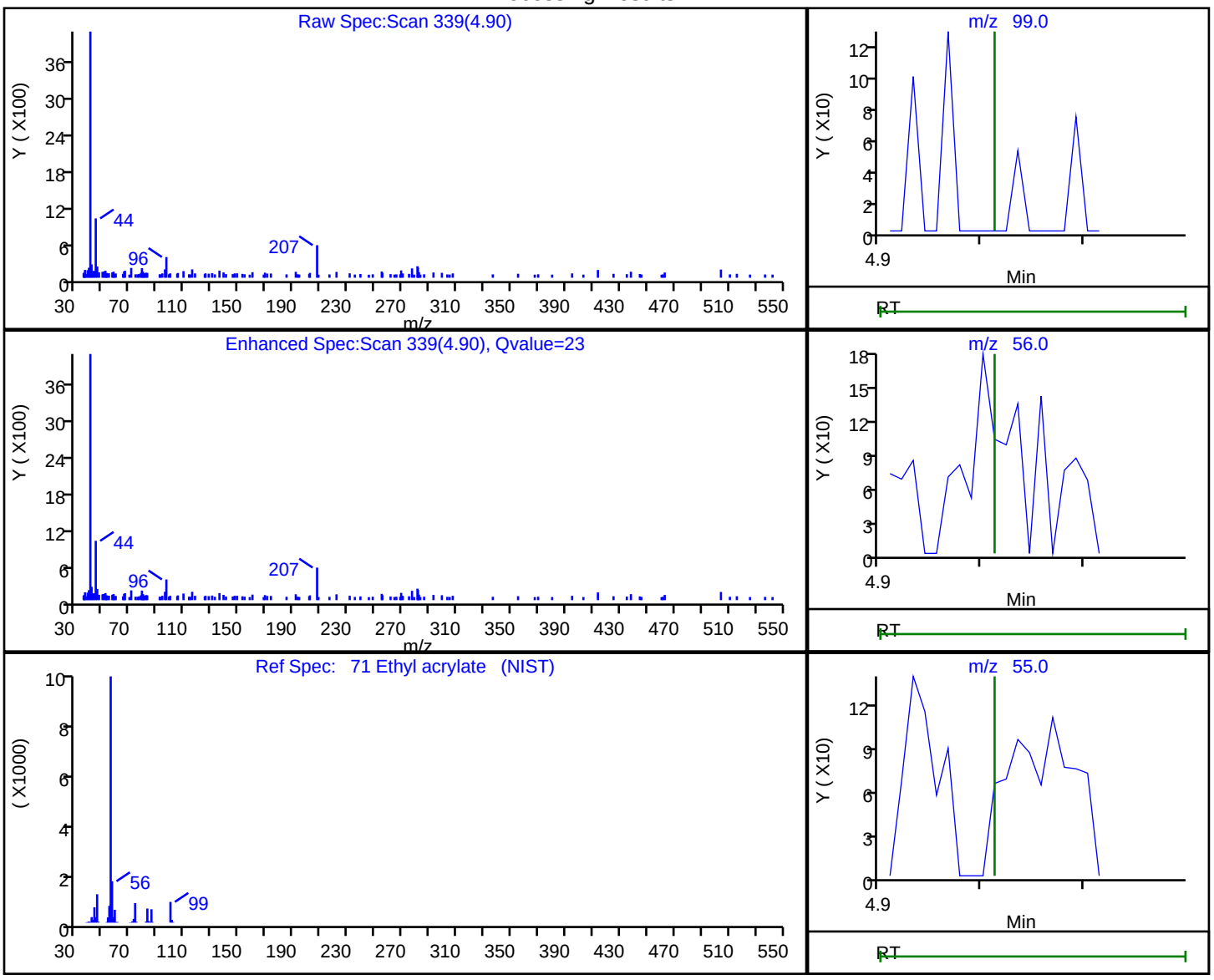
User Disabled Compound Report

Eurofins Edison

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Operator ID: ALS Bottle#: 52 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

71 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.90	99.00	95	0.084901
4.90	56.00	202	
4.89	55.00	132	

Reviewer: W9CM, 02-Oct-2022 09:25:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

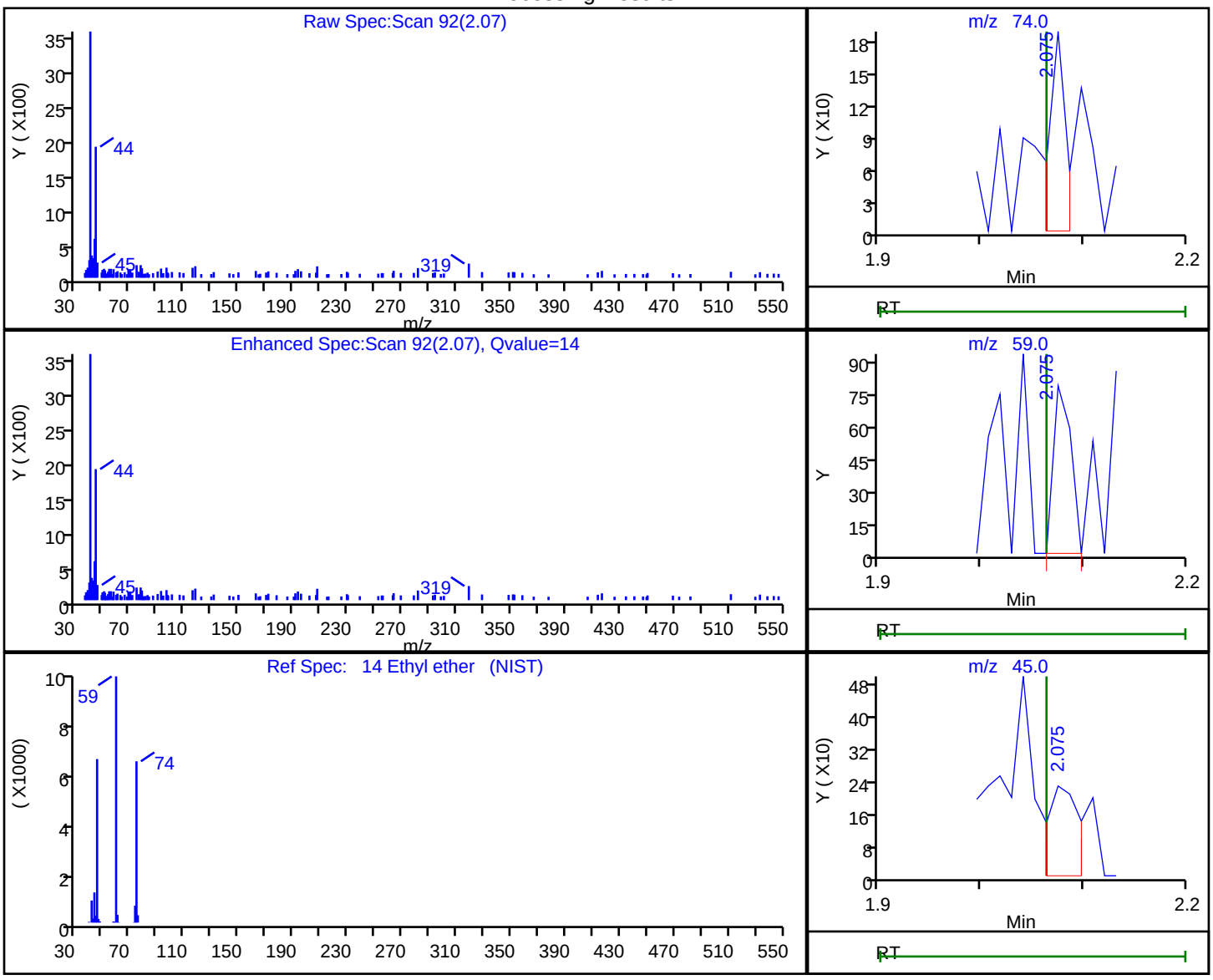
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

14 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.07	74.00	208	0.037650
2.07	59.00	95	
2.07	45.00	473	

Reviewer: W9CM, 02-Oct-2022 09:22:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

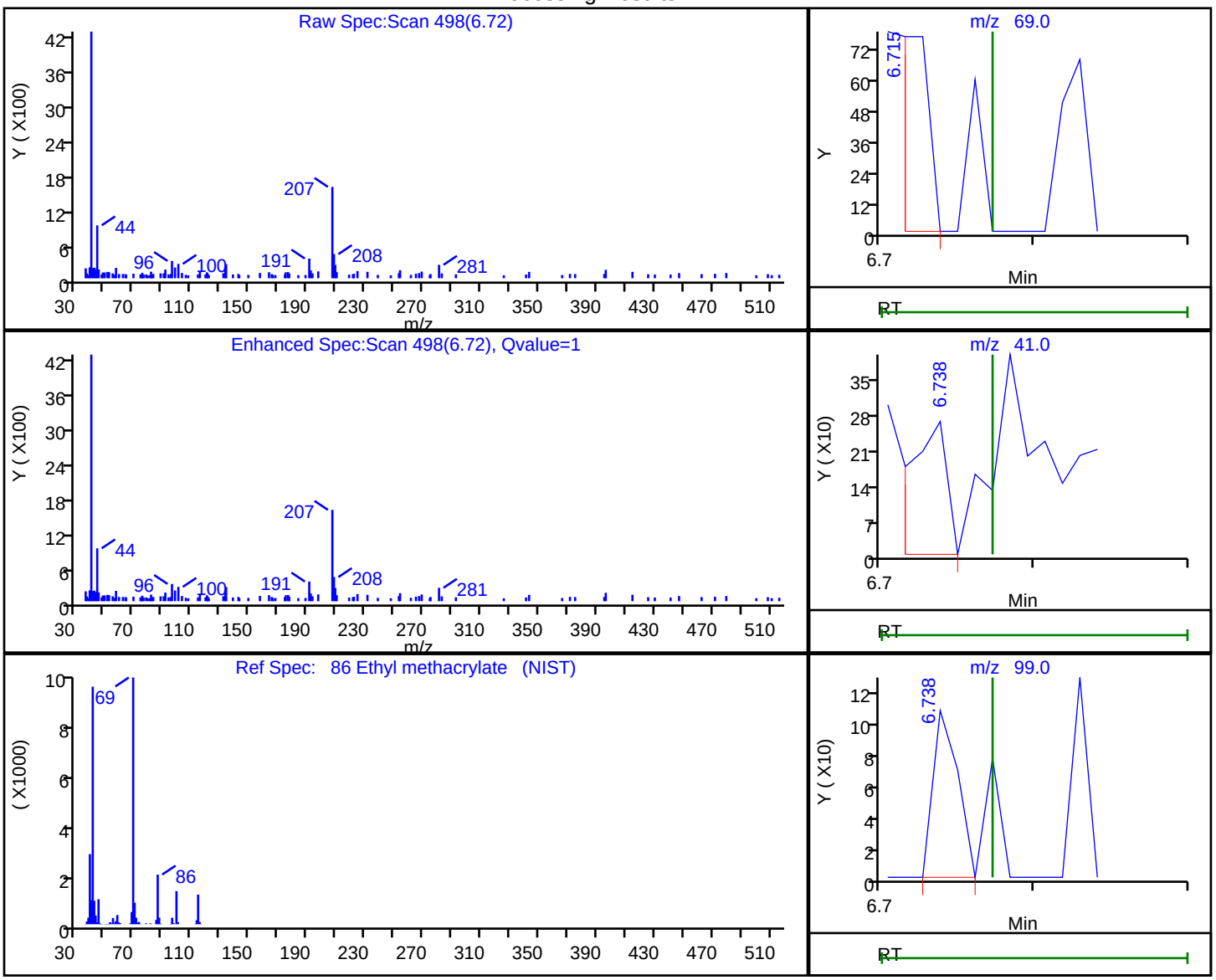
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.72	69.00	106	0.010212
6.74	41.00	437	
6.74	99.00	114	

Reviewer: W9CM, 02-Oct-2022 09:26:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

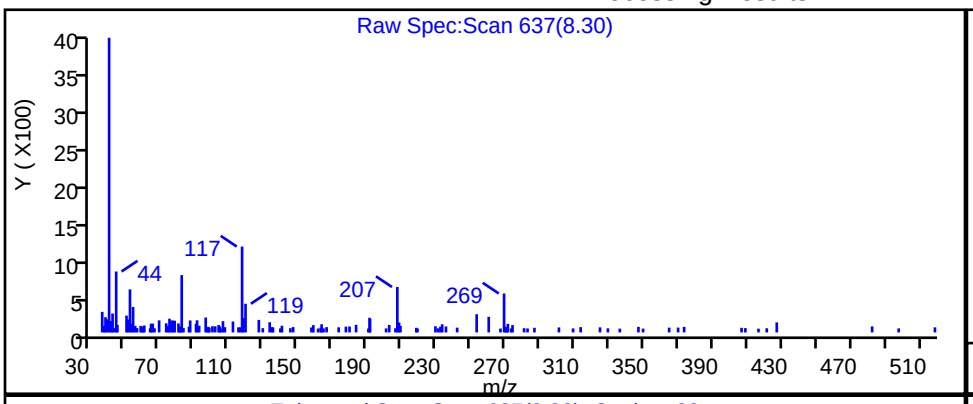
User Disabled Compound Report

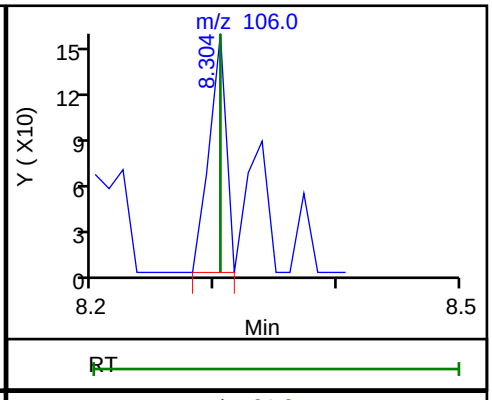
Eurofins Edison

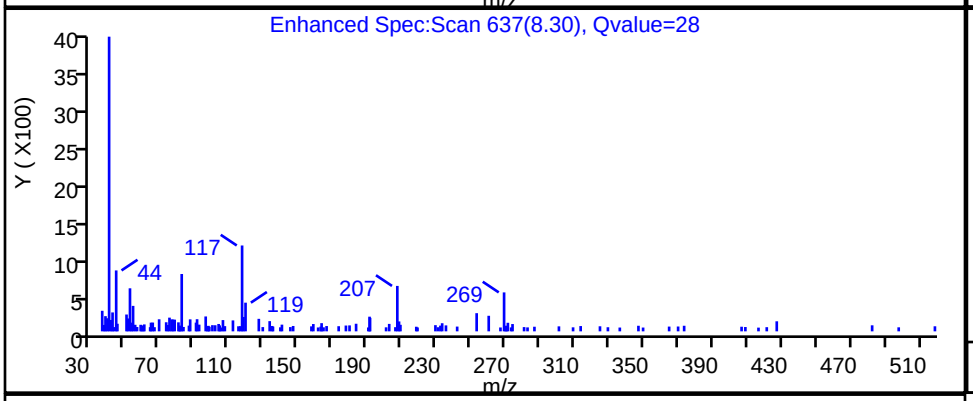
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

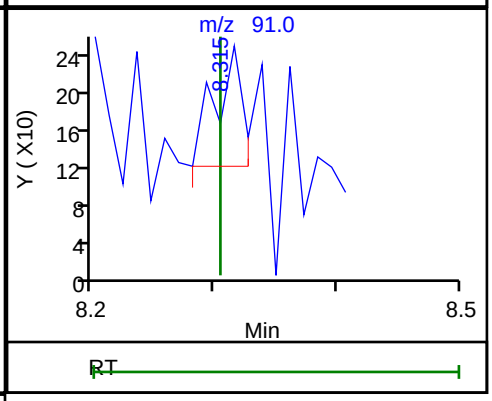
97 Ethylbenzene, CAS: 100-41-4

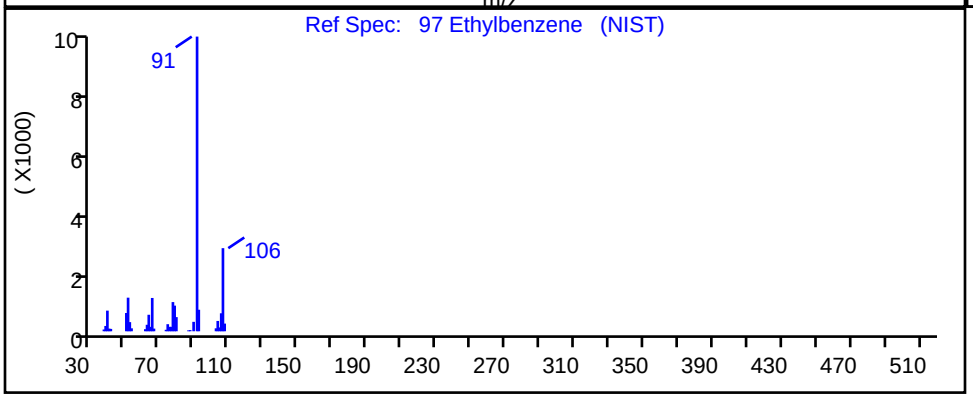
Processing Results











RT	Mass	Response	Amount
8.30	106.00	146	0.014657
8.32	91.00	203	

Reviewer: W9CM, 02-Oct-2022 09:26:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

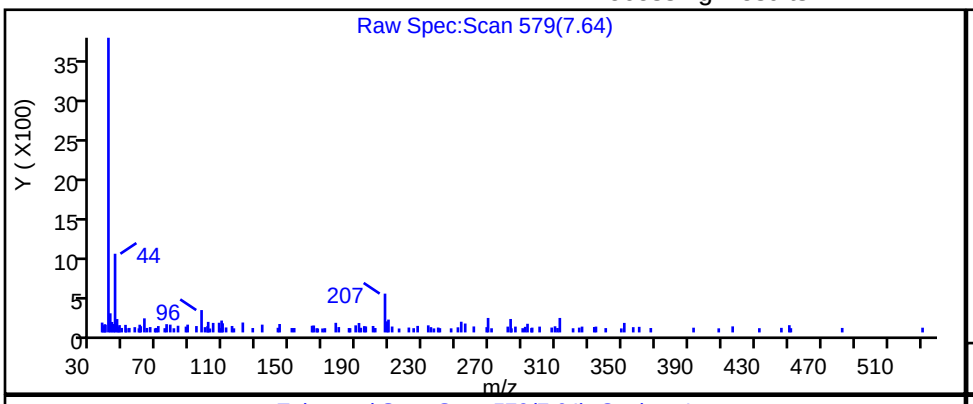
User Disabled Compound Report

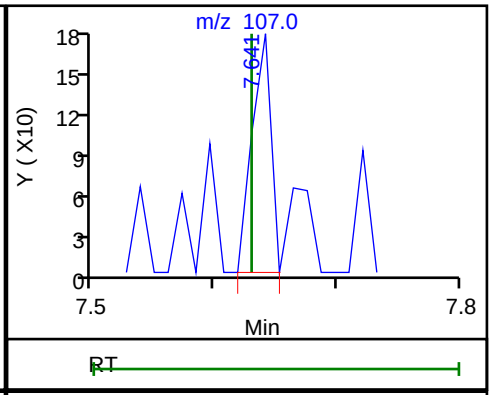
Eurofins Edison

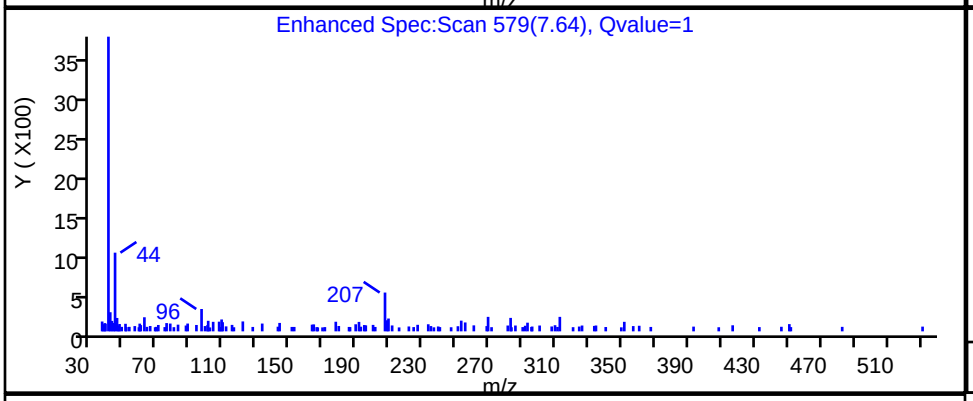
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

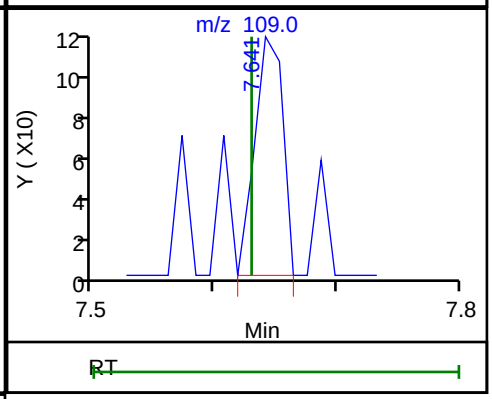
93 Ethylene Dibromide, CAS: 106-93-4

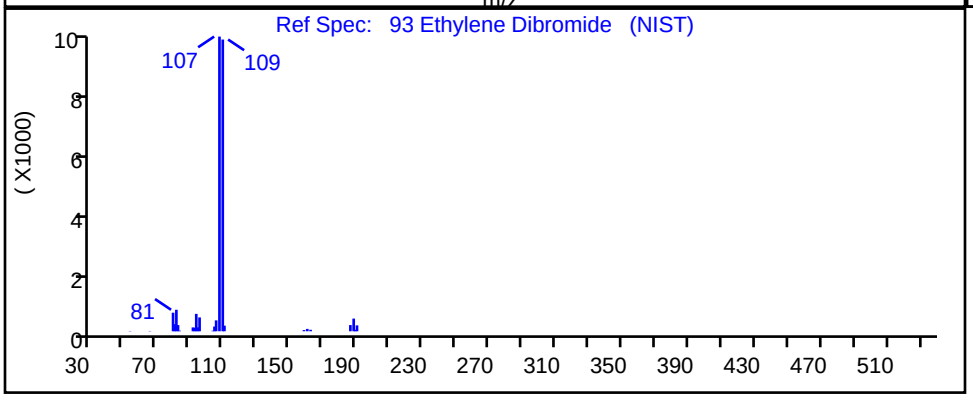
Processing Results











RT	Mass	Response	Amount
7.64	107.00	193	0.032250
7.64	109.00	185	

Reviewer: W9CM, 02-Oct-2022 09:26:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

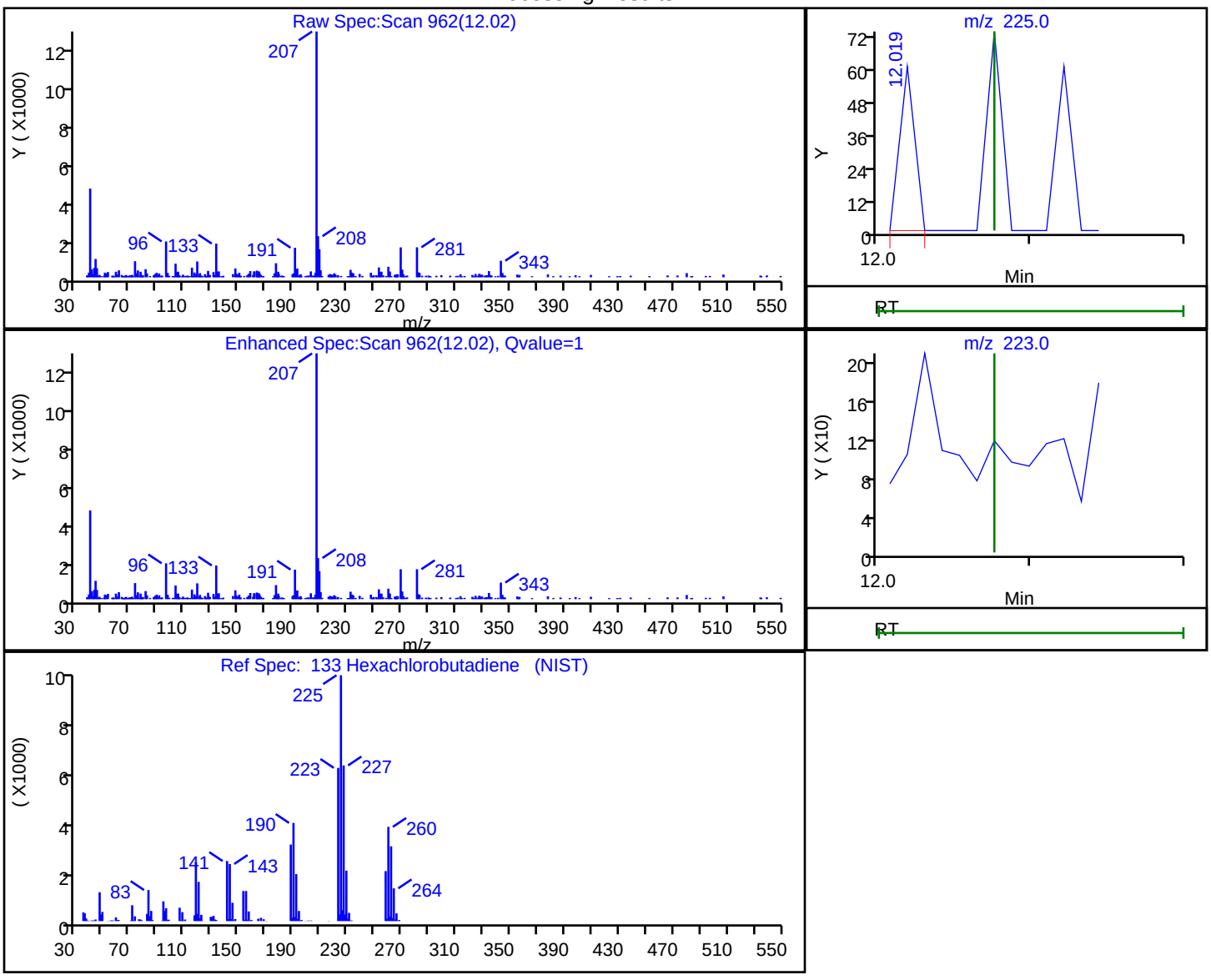
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D				
Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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		

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.02	225.00	42	0.016142
12.03	223.00	486	

Reviewer: W9CM, 02-Oct-2022 09:27:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

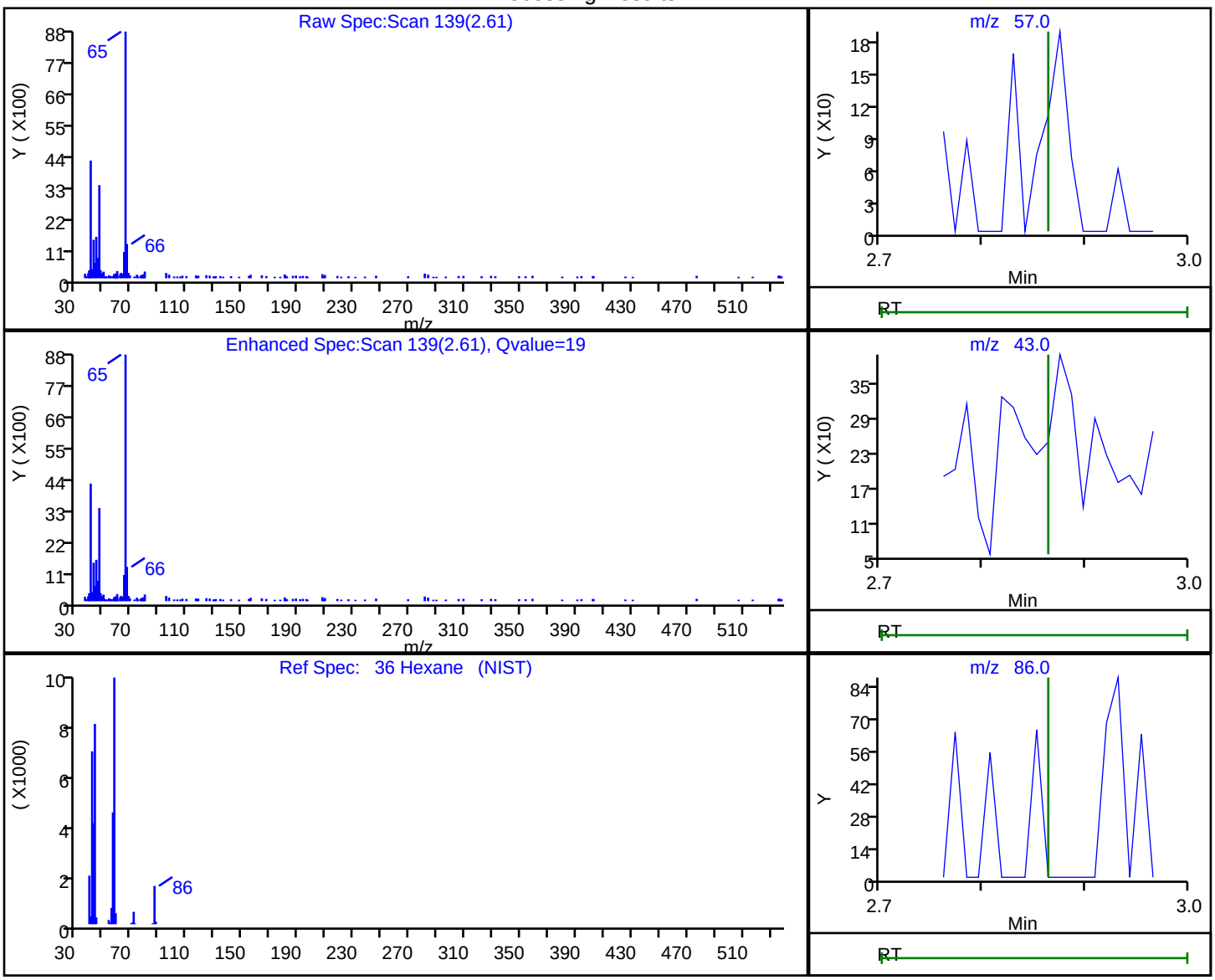
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.61	57.00	324	0.021571
2.61	43.00	918	
2.60	86.00	274	
2.62	56.00	248	

Reviewer: W9CM, 02-Oct-2022 09:23:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

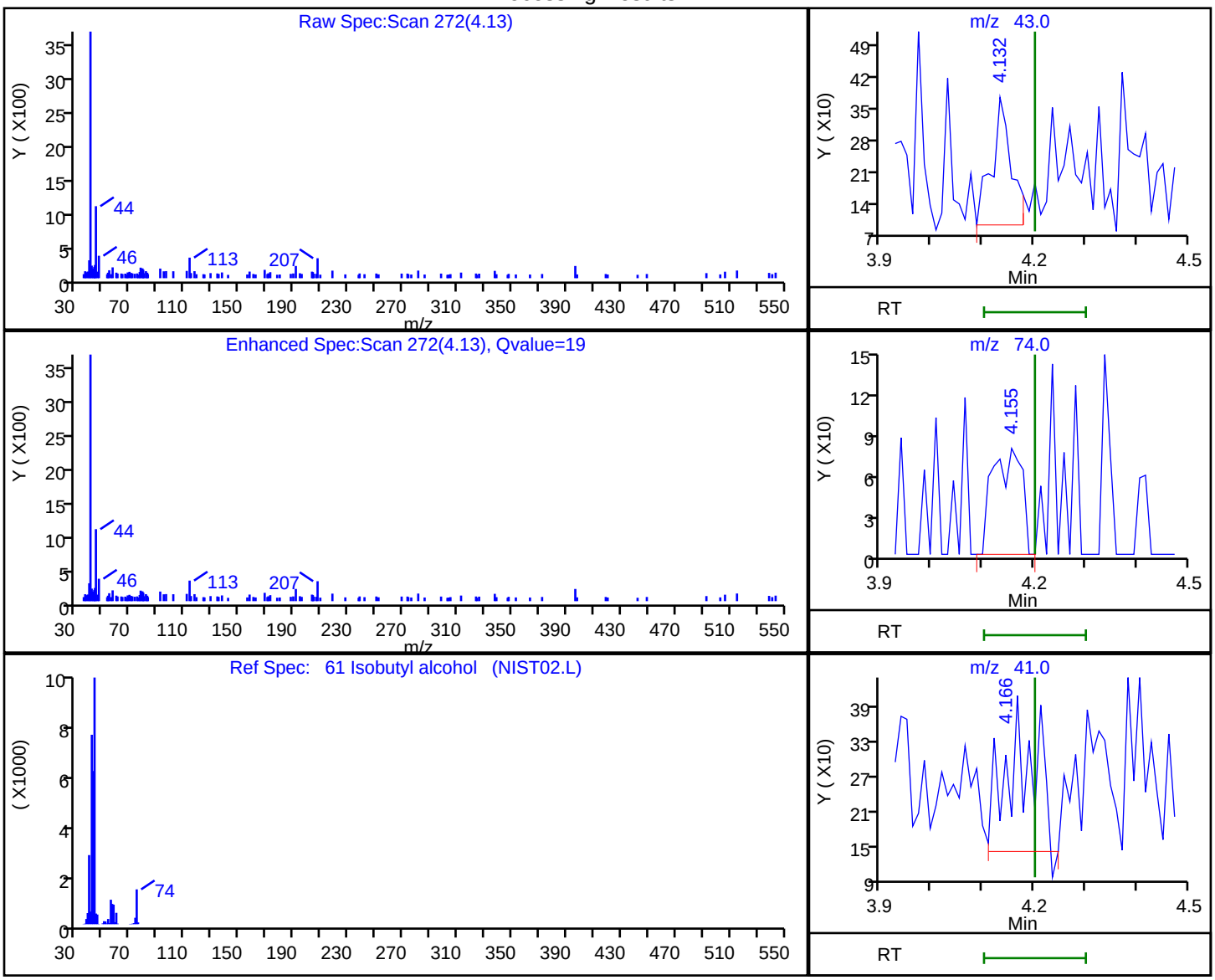
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

61 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.13	43.00	743	0.879546
4.16	74.00	313	
4.17	41.00	959	

Reviewer: W9CM, 02-Oct-2022 09:25:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

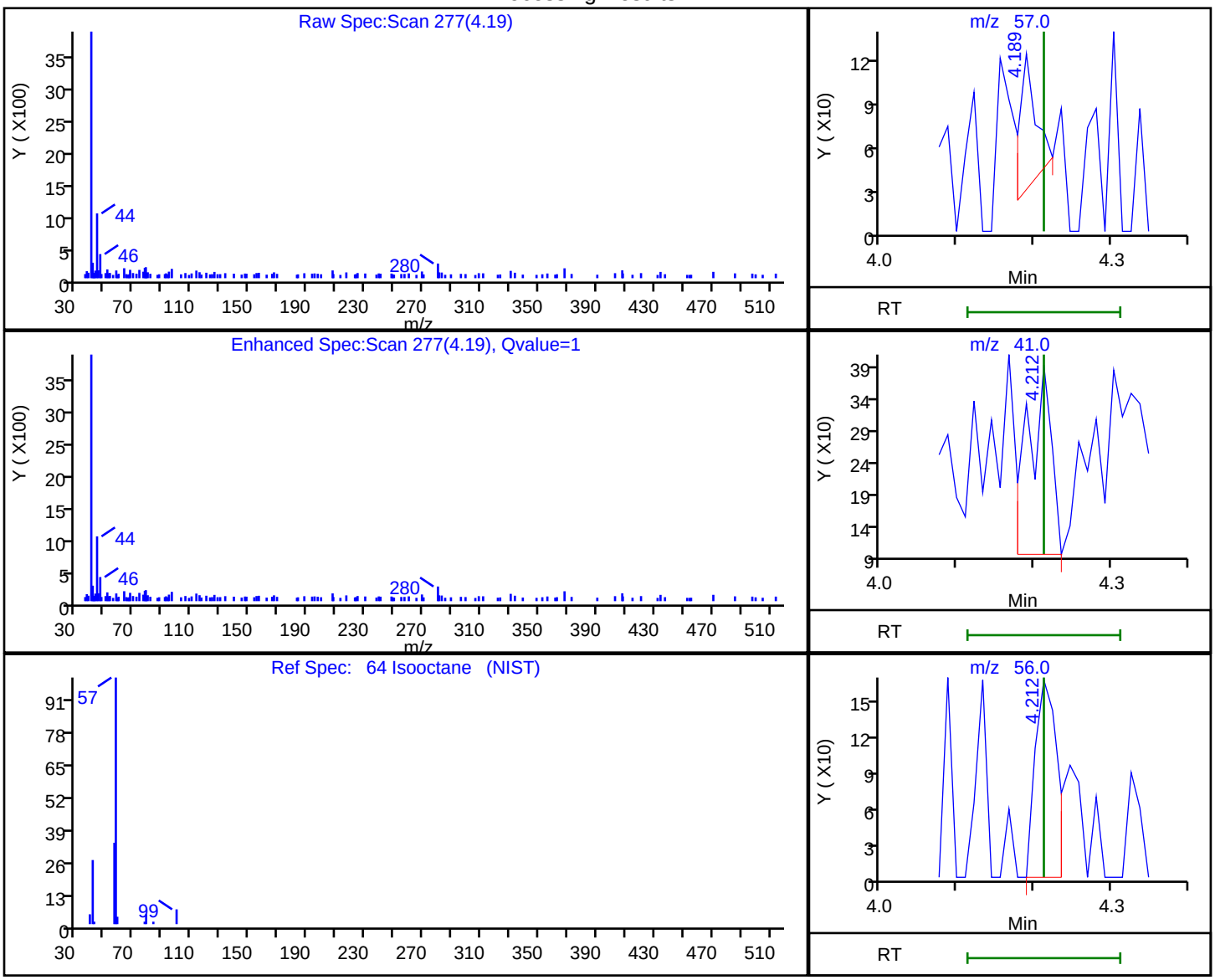
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
4.19	57.00	135	0.004457
4.21	41.00	628	
4.21	56.00	325	

Reviewer: W9CM, 02-Oct-2022 09:25:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

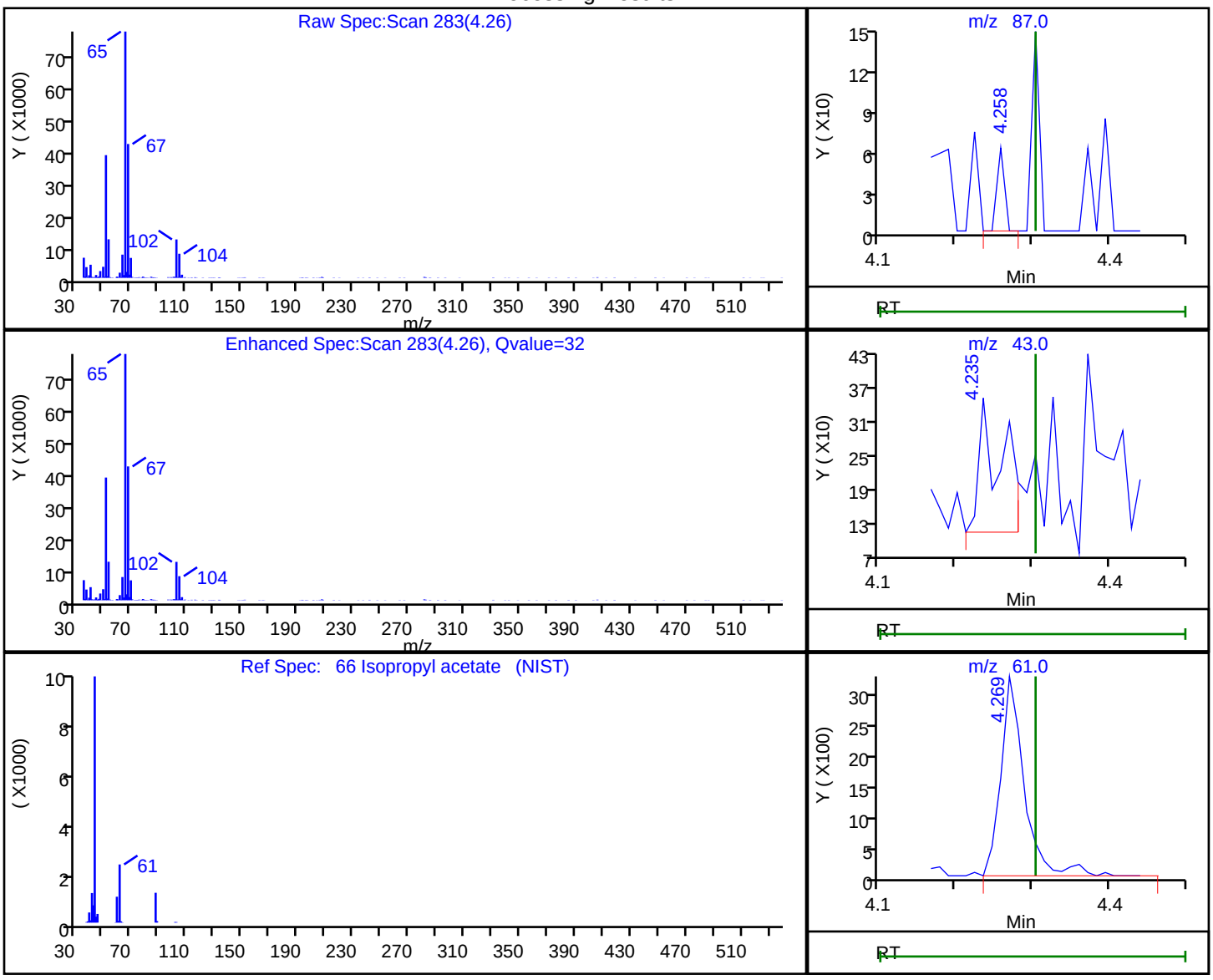
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
4.26	87.00	43	0.005893
4.24	43.00	496	
4.27	61.00	6944	

Reviewer: W9CM, 02-Oct-2022 09:25:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

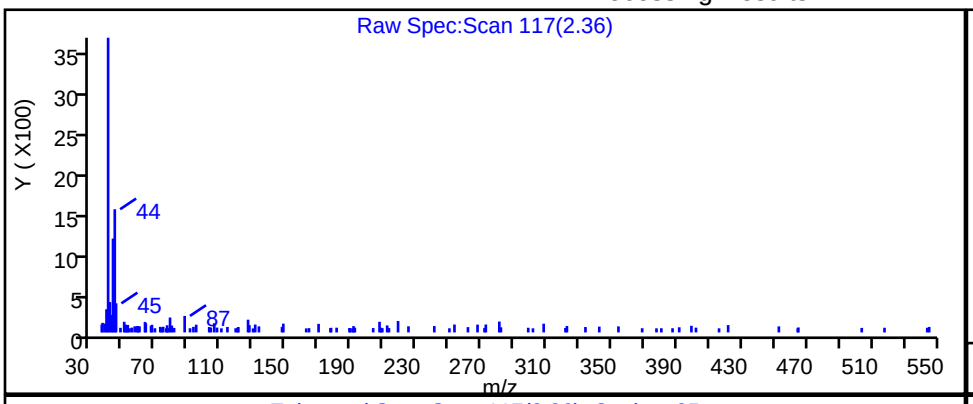
User Disabled Compound Report

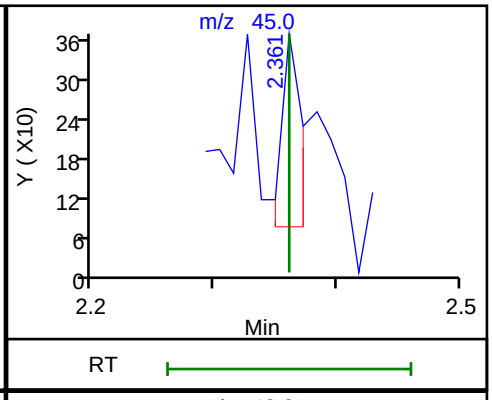
Eurofins Edison

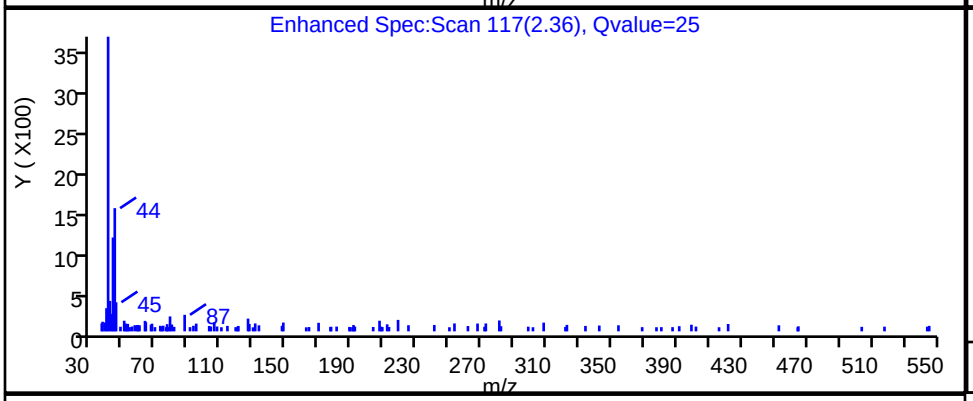
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

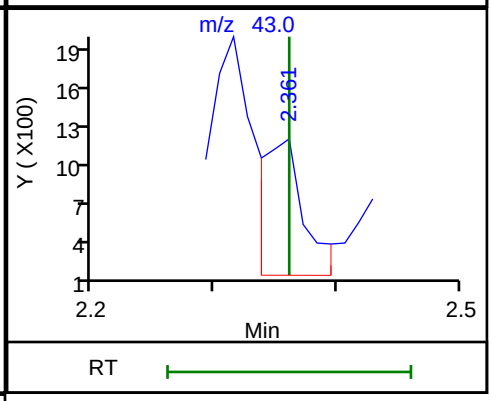
24 Isopropyl alcohol, CAS: 67-63-0

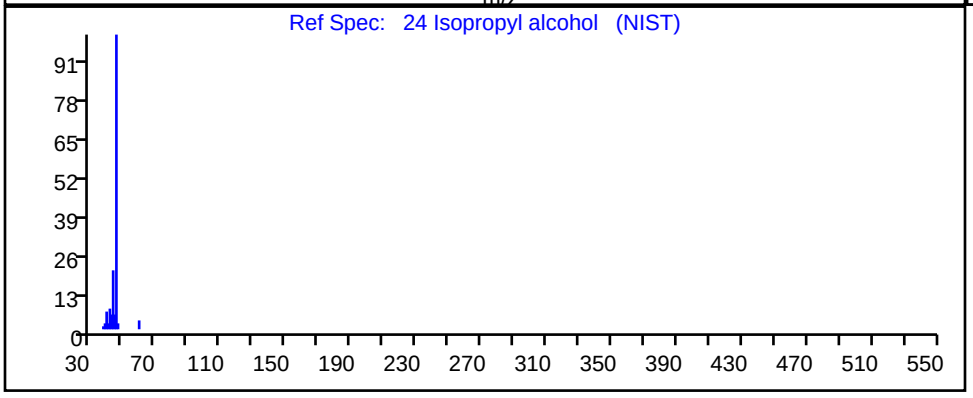
Processing Results











RT	Mass	Response	Amount
2.36	45.00	333	0.655056
2.36	43.00	2478	

Reviewer: W9CM, 02-Oct-2022 09:22:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

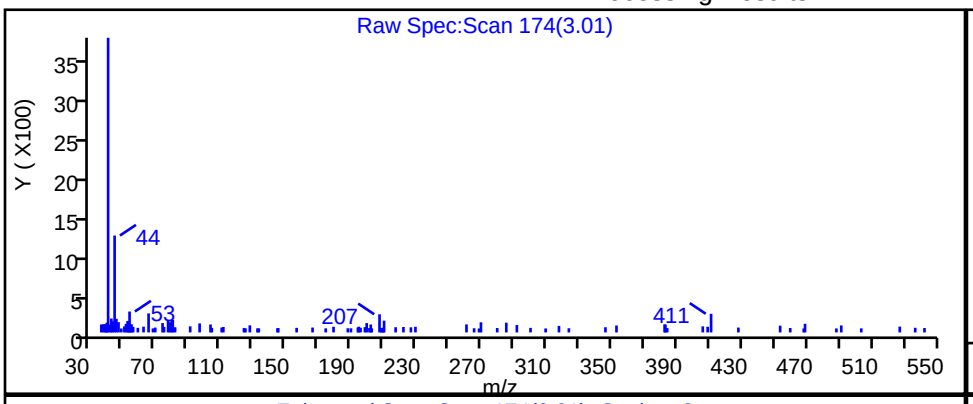
User Disabled Compound Report

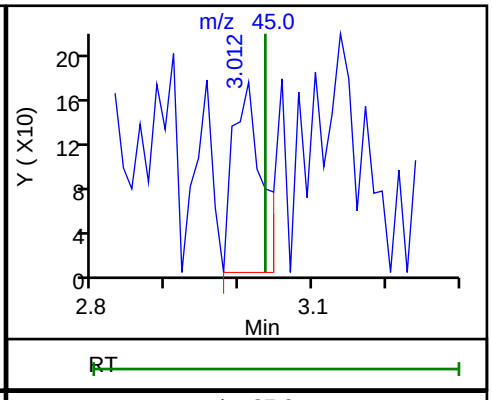
Eurofins Edison

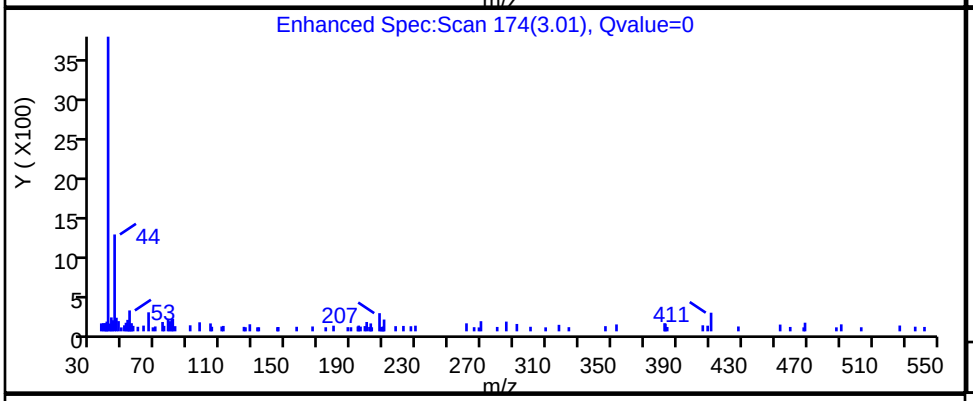
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

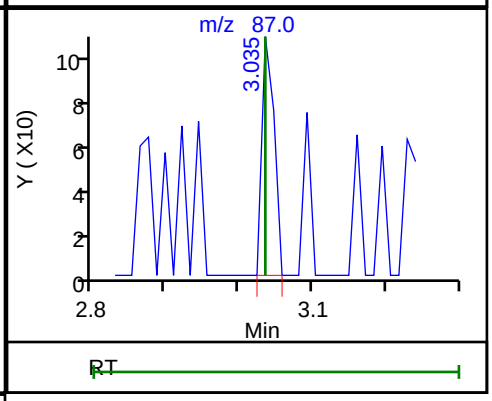
37 Isopropyl ether, CAS: 108-20-3

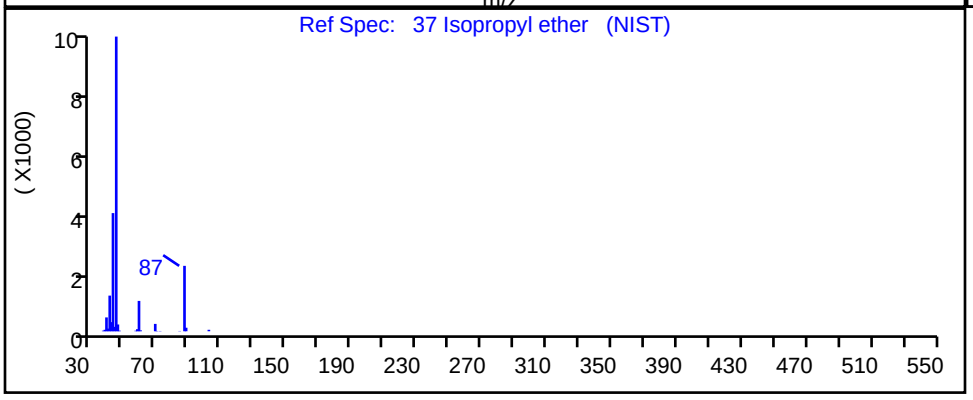
Processing Results











RT	Mass	Response	Amount
3.01	45.00	470	0.011693
3.03	87.00	124	

Reviewer: W9CM, 02-Oct-2022 09:23:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

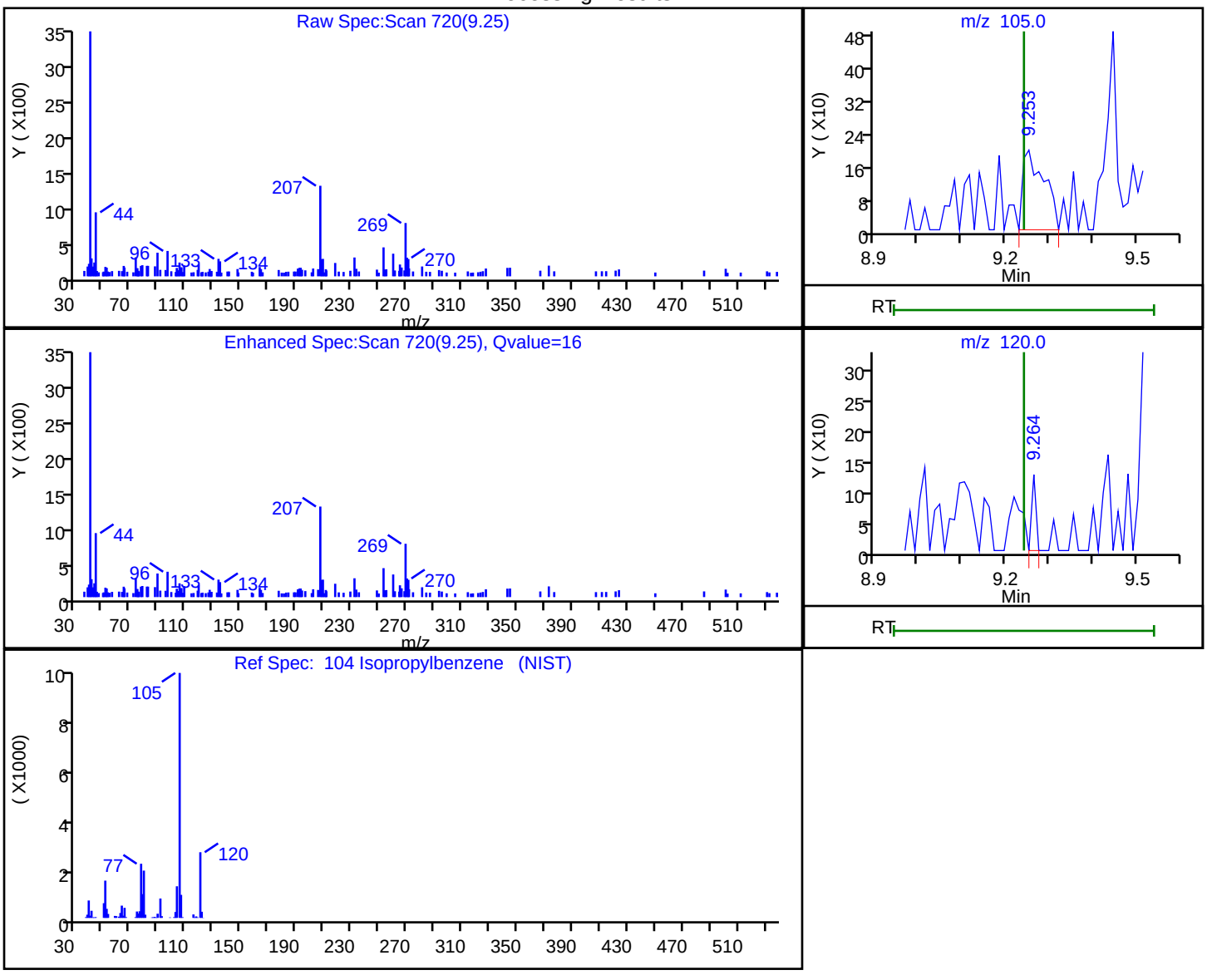
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
9.25	105.00	664	0.022591
9.26	120.00	86	

Reviewer: W9CM, 02-Oct-2022 09:26:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

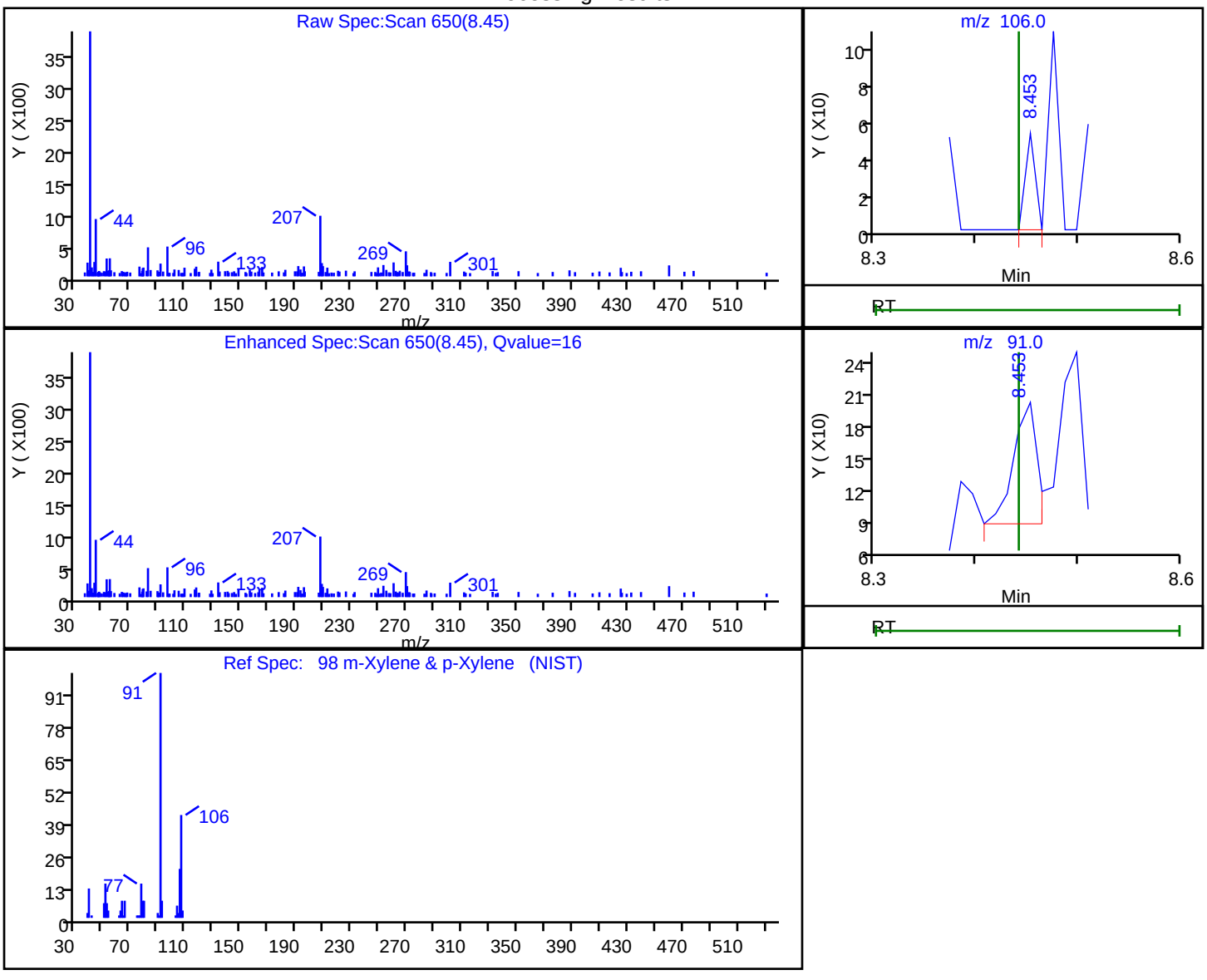
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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 & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.45	106.00	36	0.002990
8.45	91.00	178	

Reviewer: W9CM, 02-Oct-2022 09:26:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

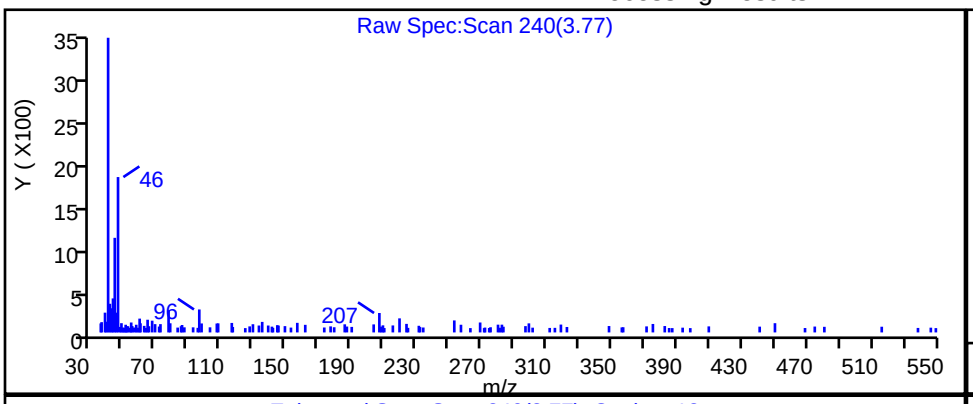
User Disabled Compound Report

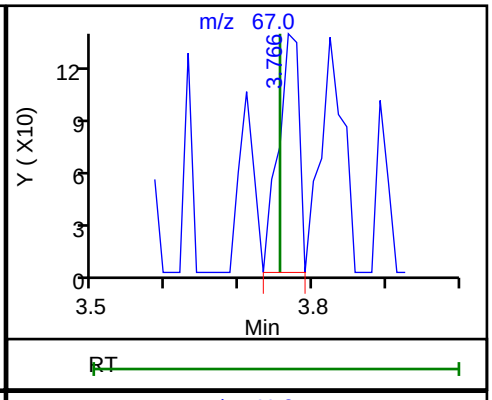
Eurofins Edison

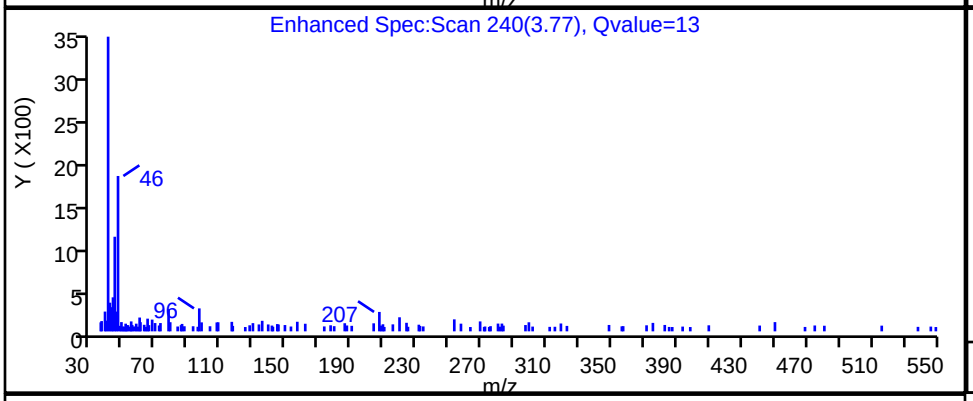
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

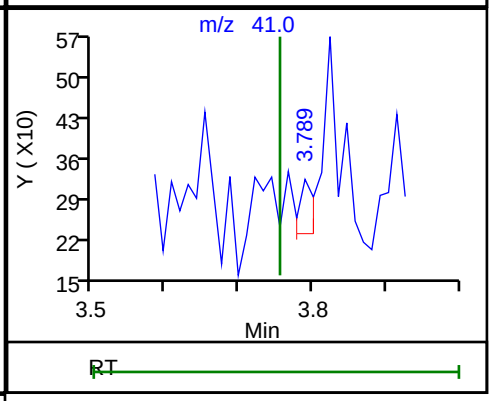
54 Methacrylonitrile, CAS: 126-98-7

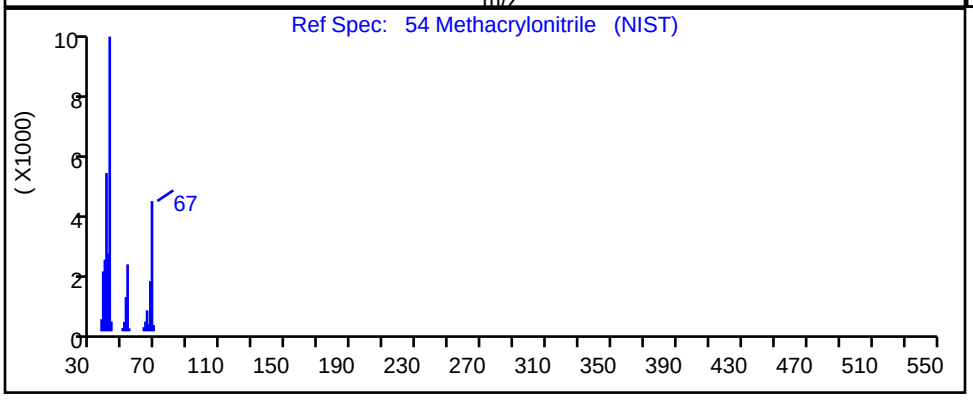
Processing Results











RT	Mass	Response	Amount
3.77	67.00	269	0.062147
3.79	41.00	128	

Reviewer: W9CM, 02-Oct-2022 09:25:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

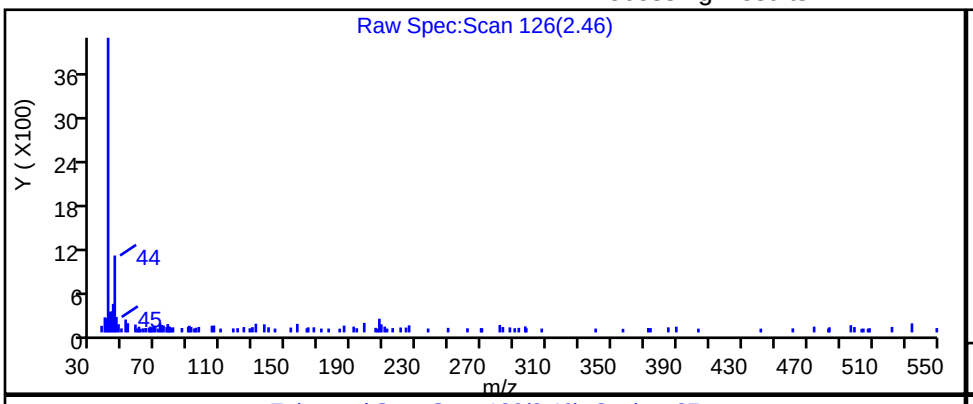
User Disabled Compound Report

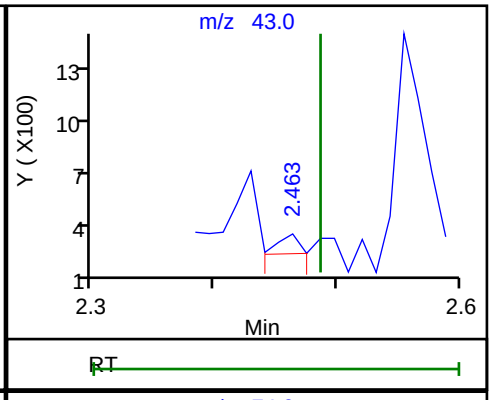
Eurofins Edison

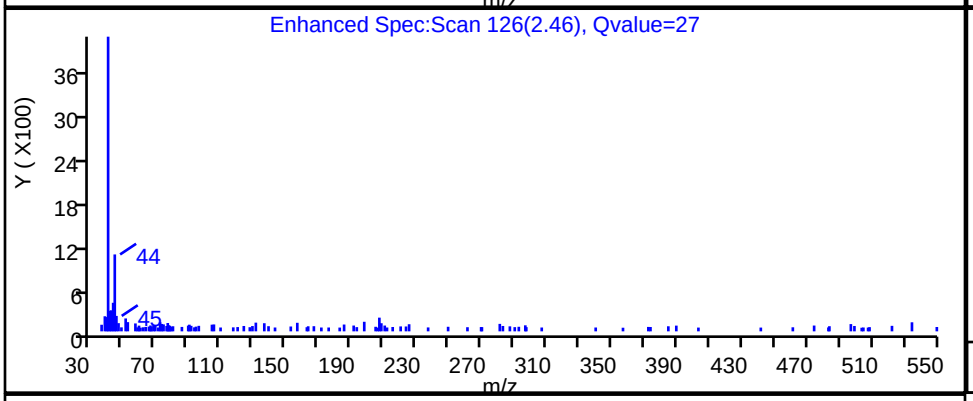
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

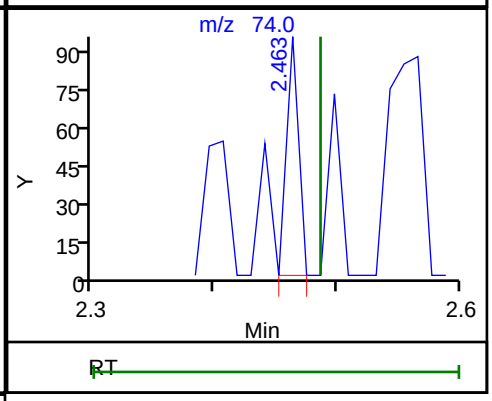
30 Methyl acetate, CAS: 79-20-9

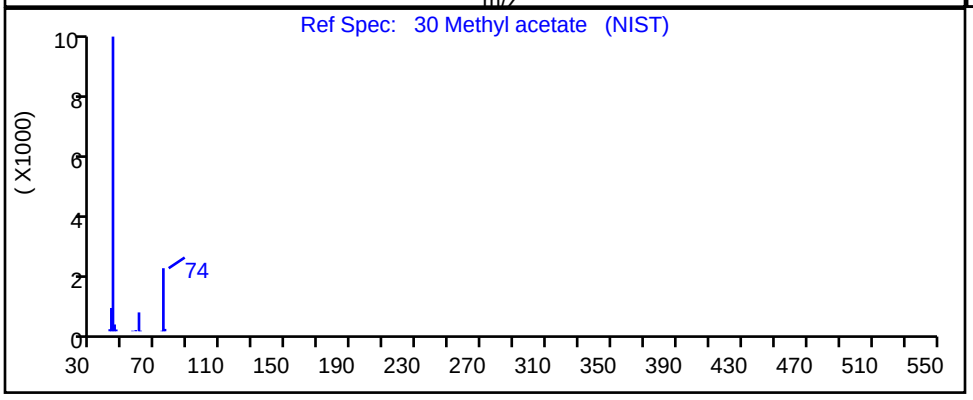
Processing Results











RT	Mass	Response	Amount
2.46	43.00	121	0.011802
2.46	74.00	66	

Reviewer: W9CM, 02-Oct-2022 09:22:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

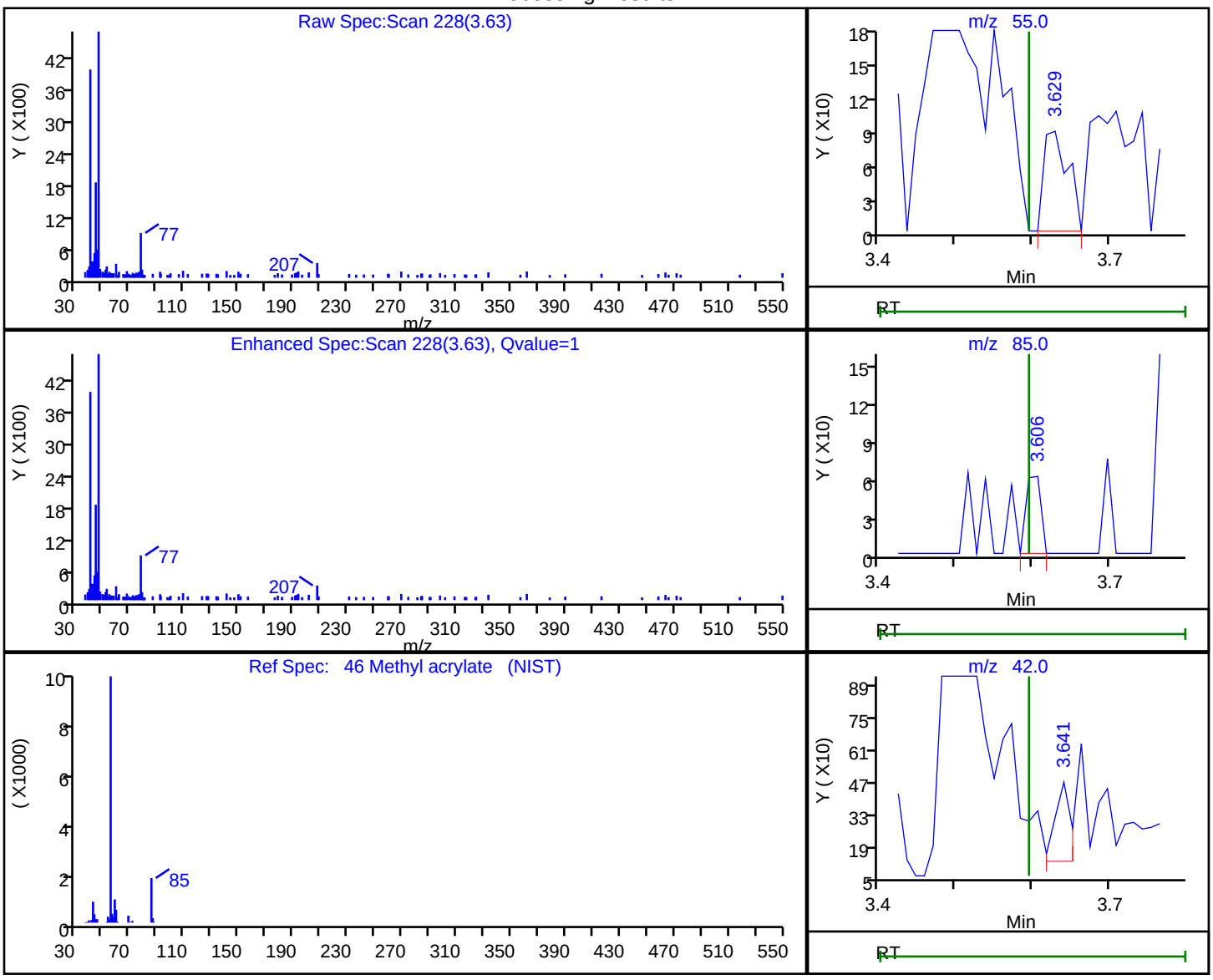
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

46 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.63	55.00	199	0.020975
3.61	85.00	83	
3.64	42.00	490	

Reviewer: W9CM, 02-Oct-2022 09:24:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

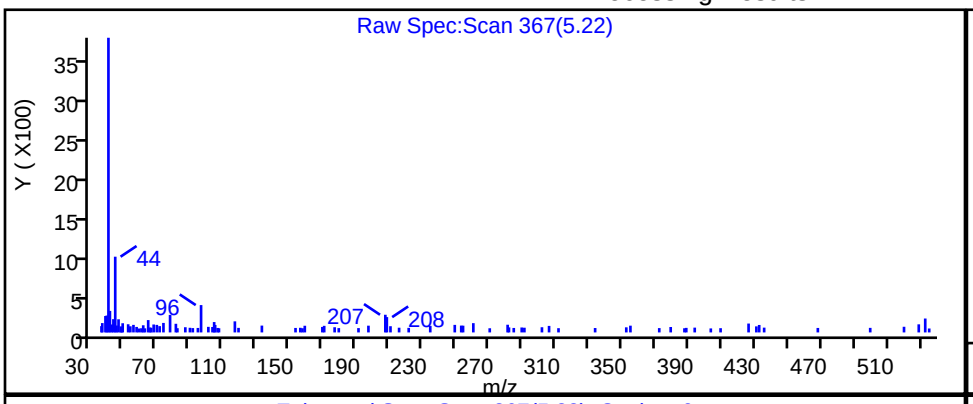
User Disabled Compound Report

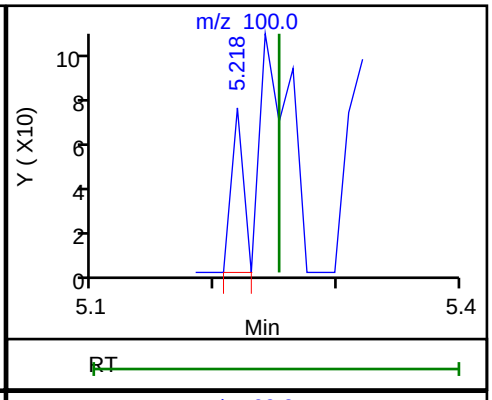
Eurofins Edison

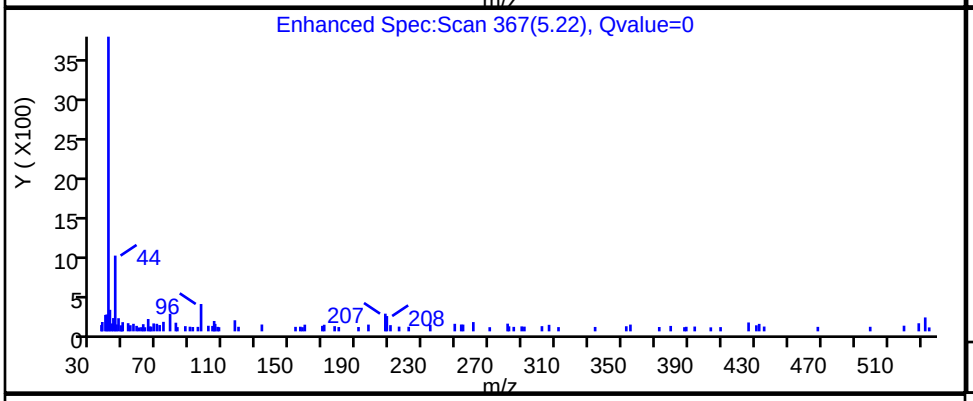
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

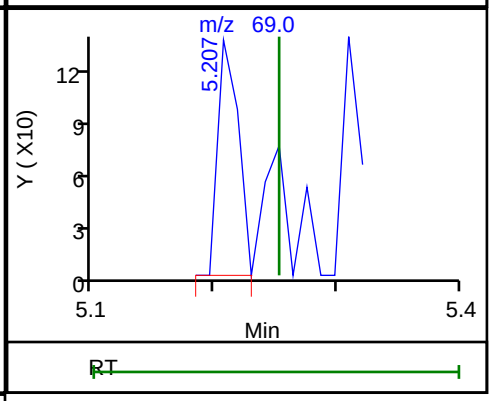
74 Methyl methacrylate, CAS: 80-62-6

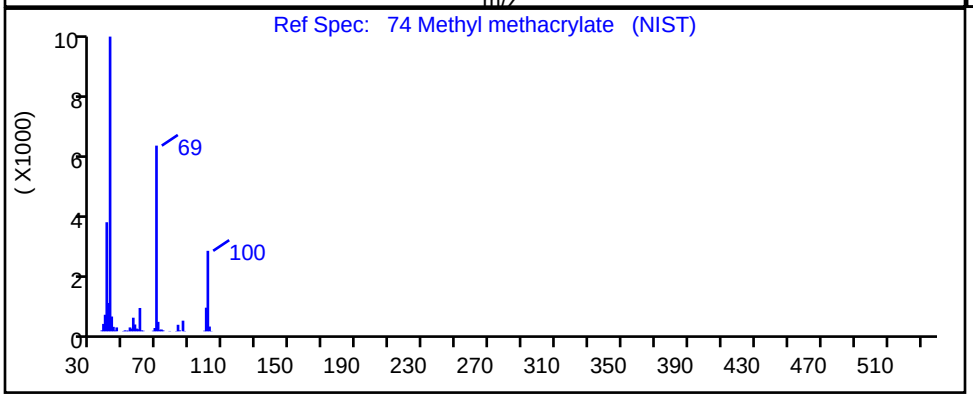
Processing Results











RT	Mass	Response	Amount
5.22	100.00	49	0.024078
5.21	69.00	159	

Reviewer: W9CM, 02-Oct-2022 09:25:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

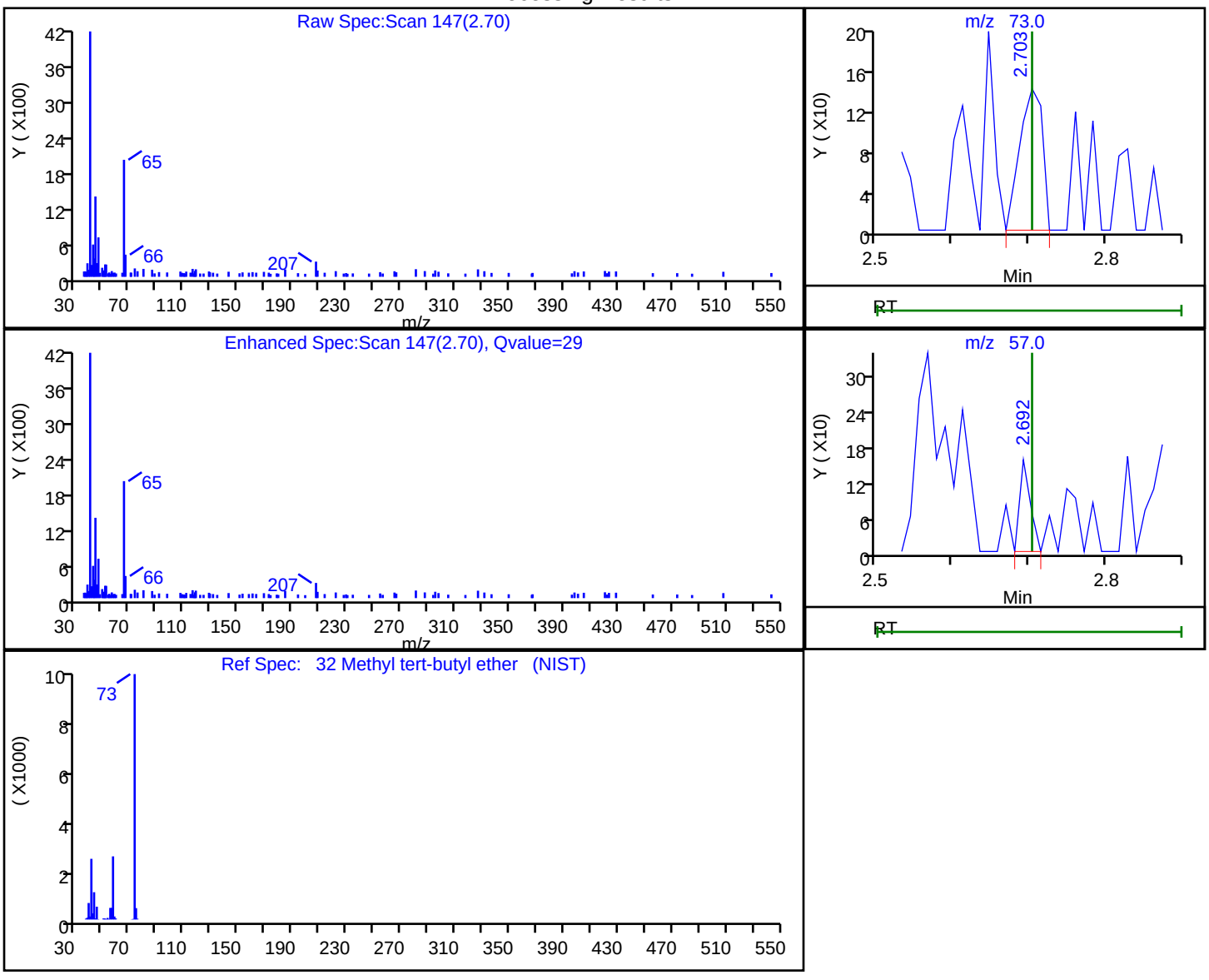
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
2.70	73.00	291	0.011287
2.69	57.00	152	

Reviewer: W9CM, 02-Oct-2022 09:22:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

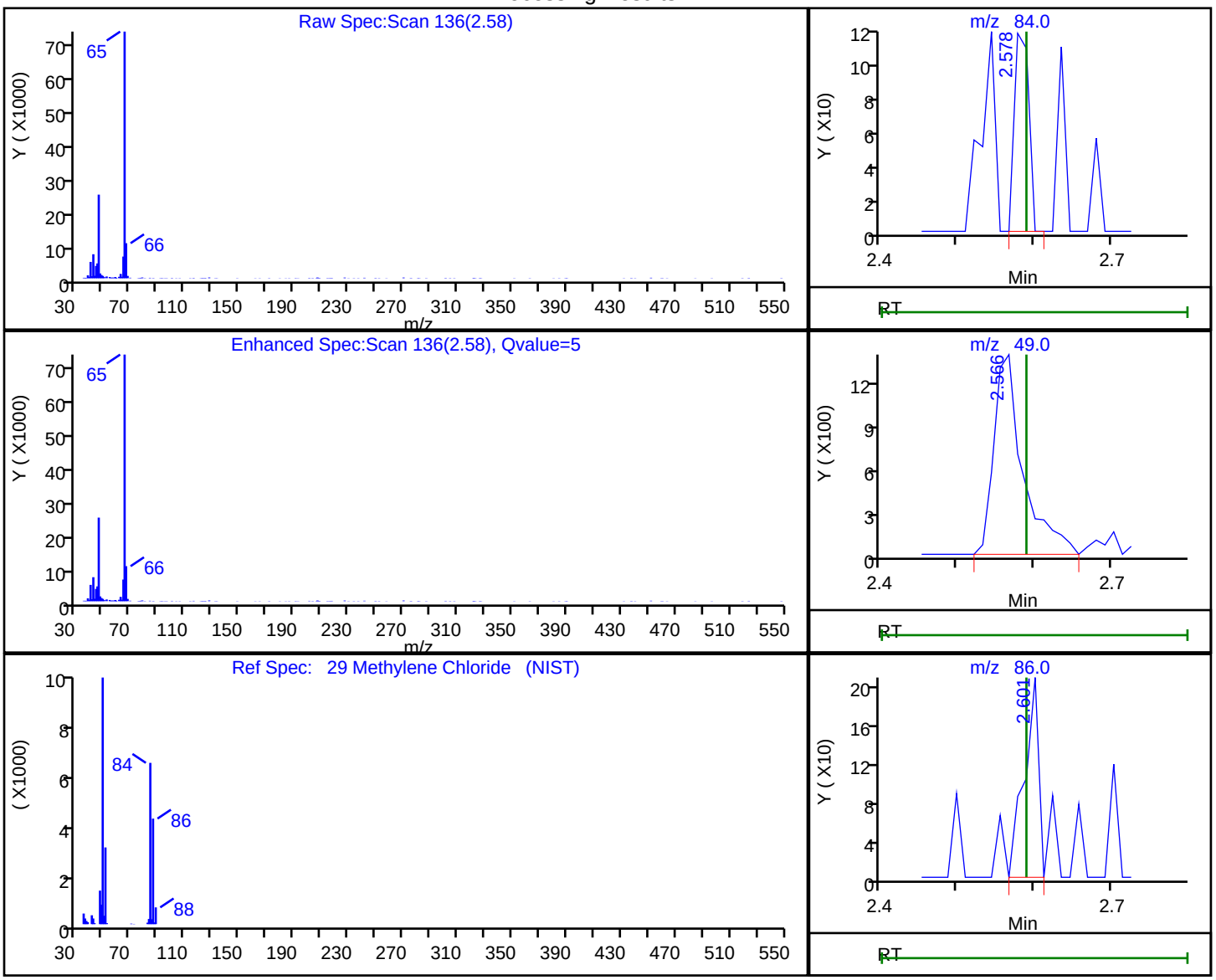
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
2.58	84.00	154	0.020457
2.57	49.00	3569	
2.60	86.00	274	

Reviewer: W9CM, 02-Oct-2022 09:22:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

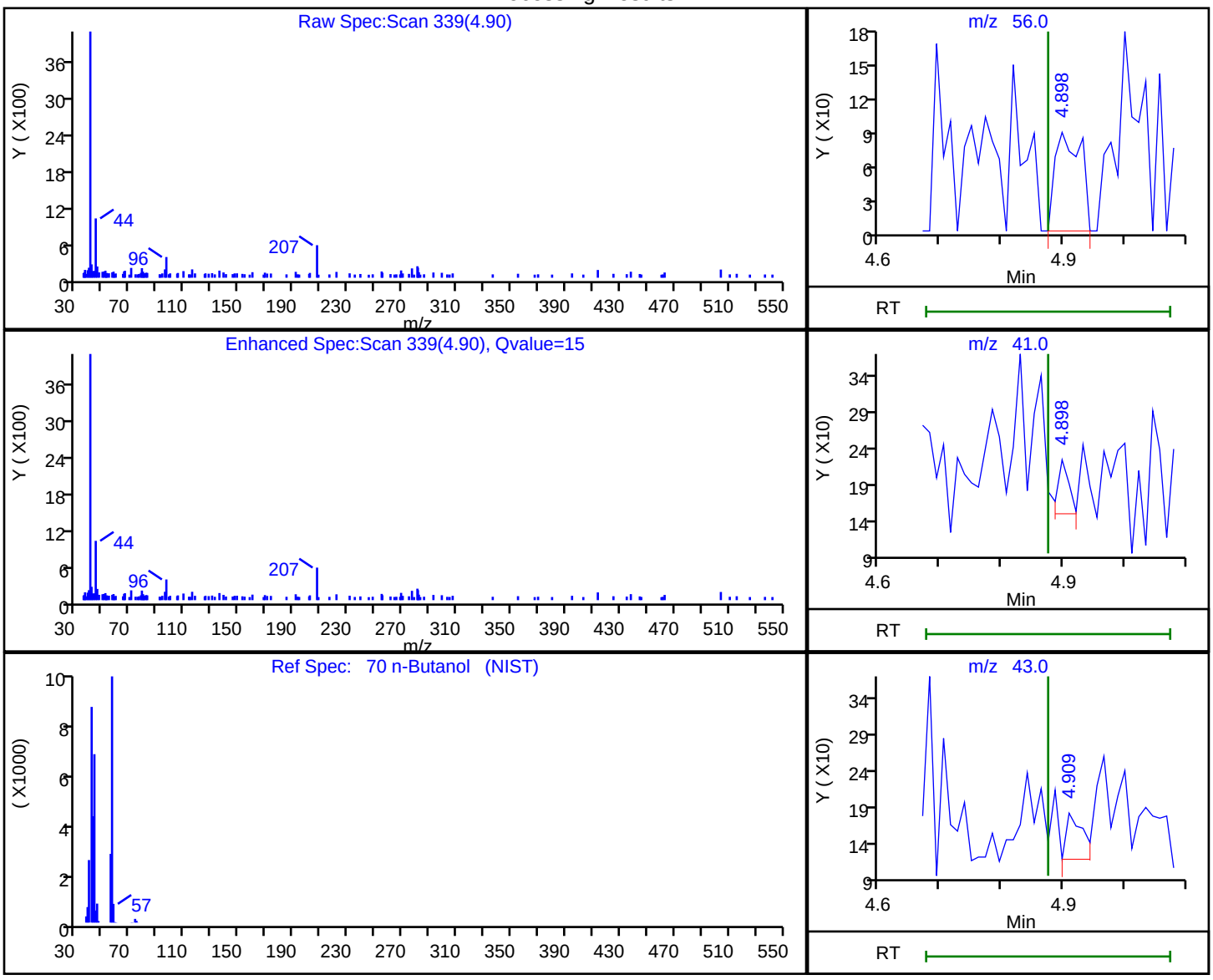
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
4.90	56.00	260	1.559251
4.90	41.00	94	
4.91	43.00	121	

Reviewer: W9CM, 02-Oct-2022 09:25:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

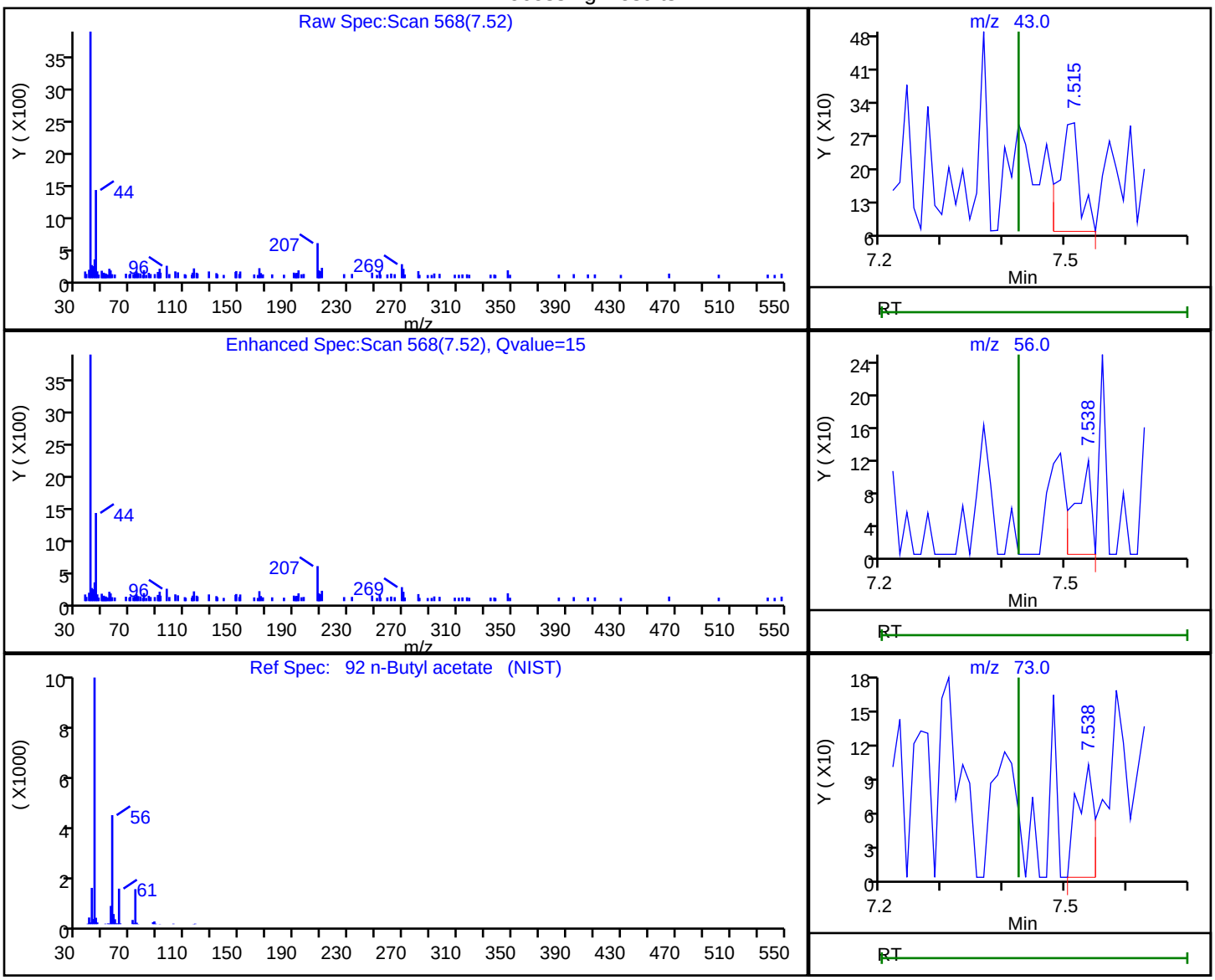
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

92 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.52	43.00	519	0.025072
7.54	56.00	203	
7.54	73.00	188	

Reviewer: W9CM, 02-Oct-2022 09:26:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

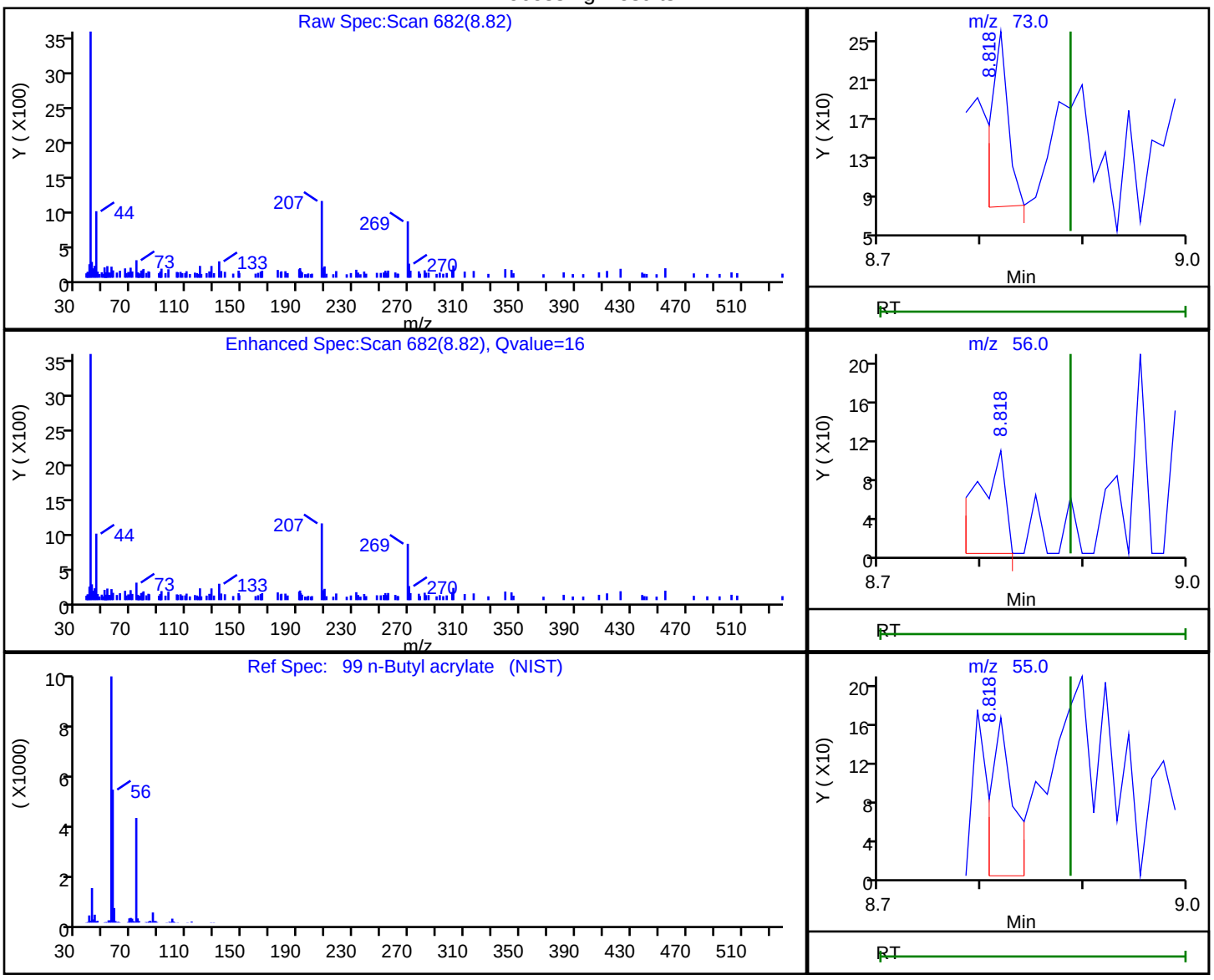
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
8.82	73.00	206	0.033265
8.82	56.00	204	
8.82	55.00	250	

Reviewer: W9CM, 02-Oct-2022 09:26:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

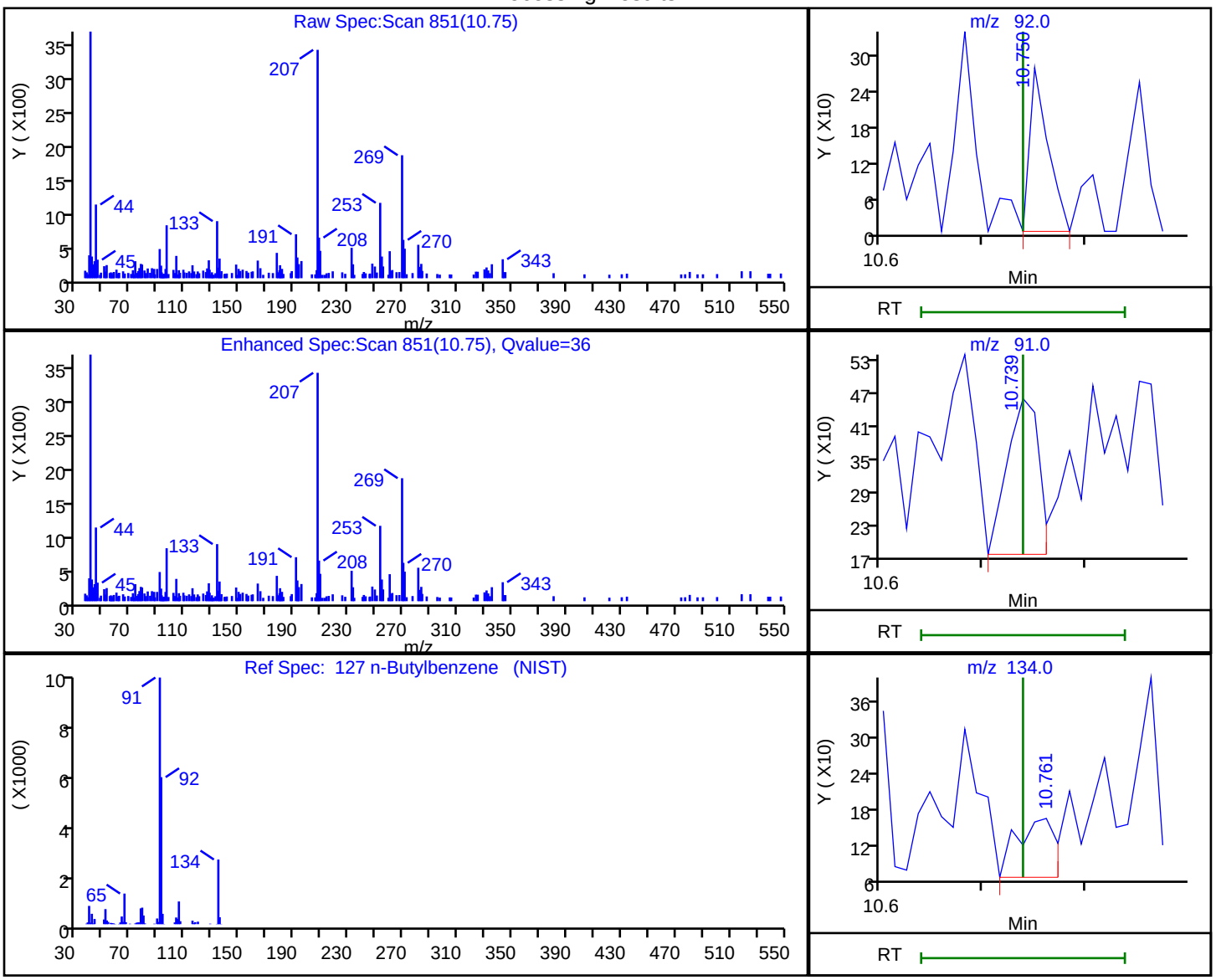
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
10.75	92.00	340	0.026599
10.74	91.00	612	
10.76	134.00	263	

Reviewer: W9CM, 02-Oct-2022 09:26:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

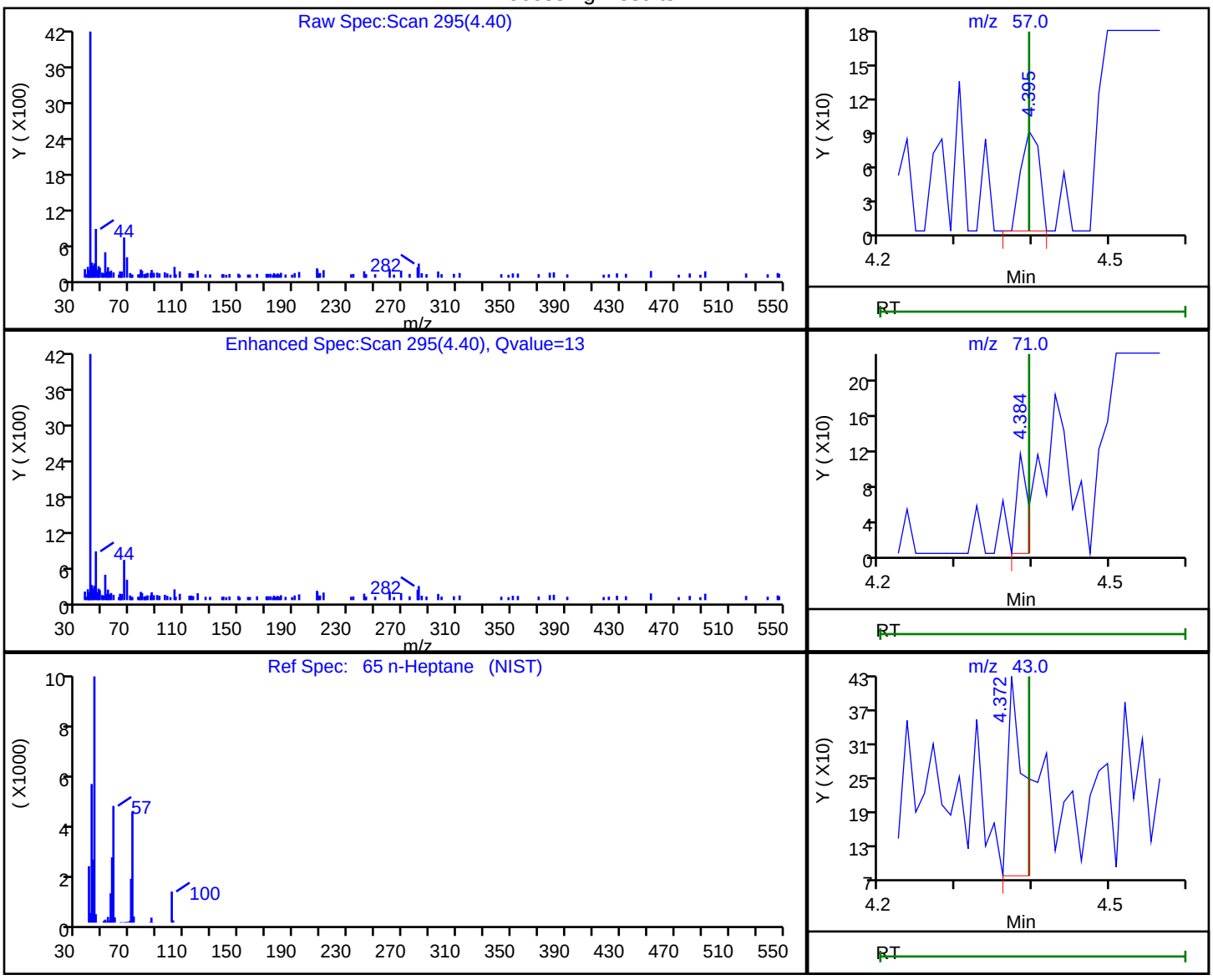
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.40	57.00	152	0.022416
4.38	71.00	114	
4.37	43.00	477	

Reviewer: W9CM, 02-Oct-2022 09:25:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

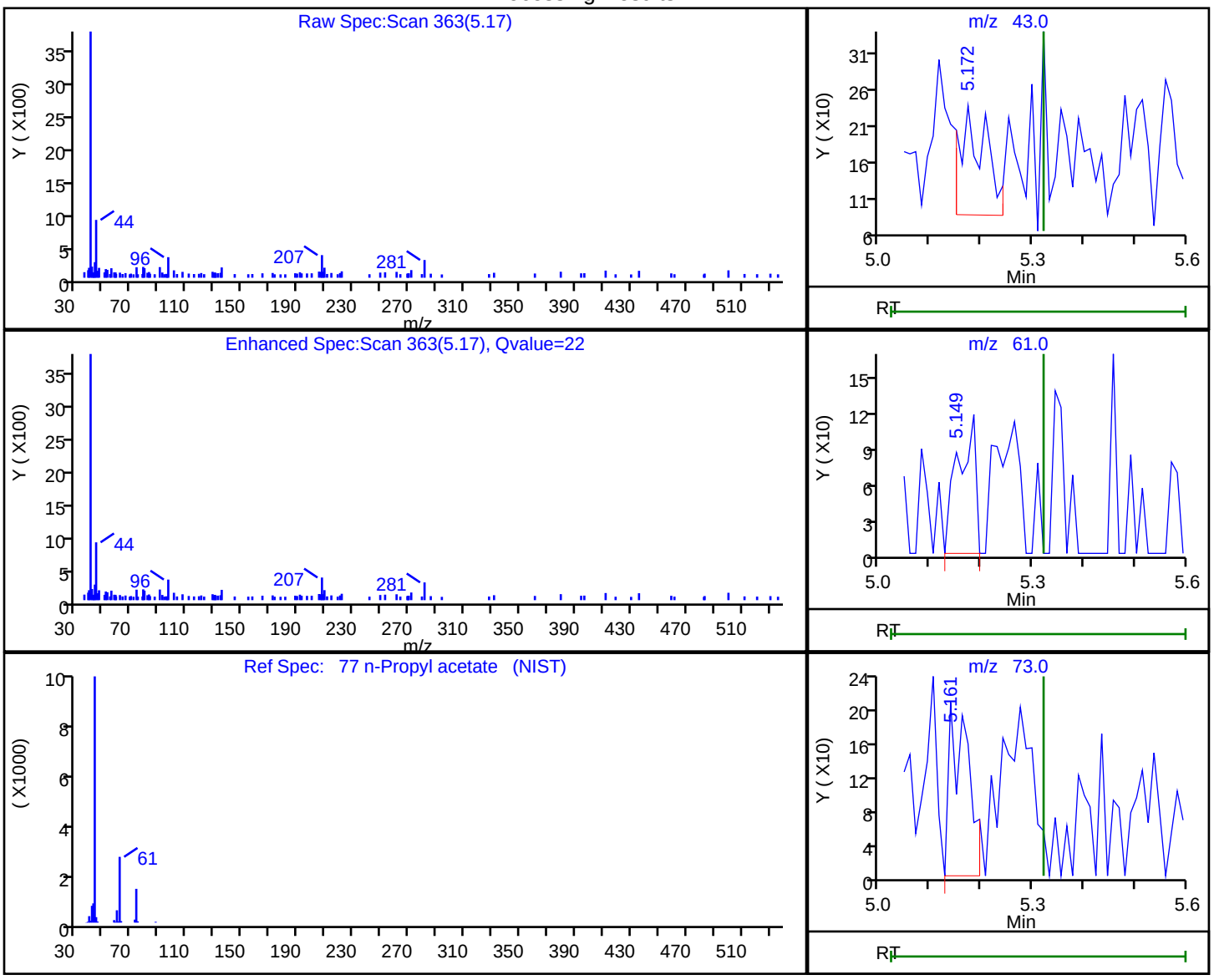
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

77 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.17	43.00	516	0.026357
5.15	61.00	279	
5.16	73.00	542	

Reviewer: W9CM, 02-Oct-2022 09:25:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

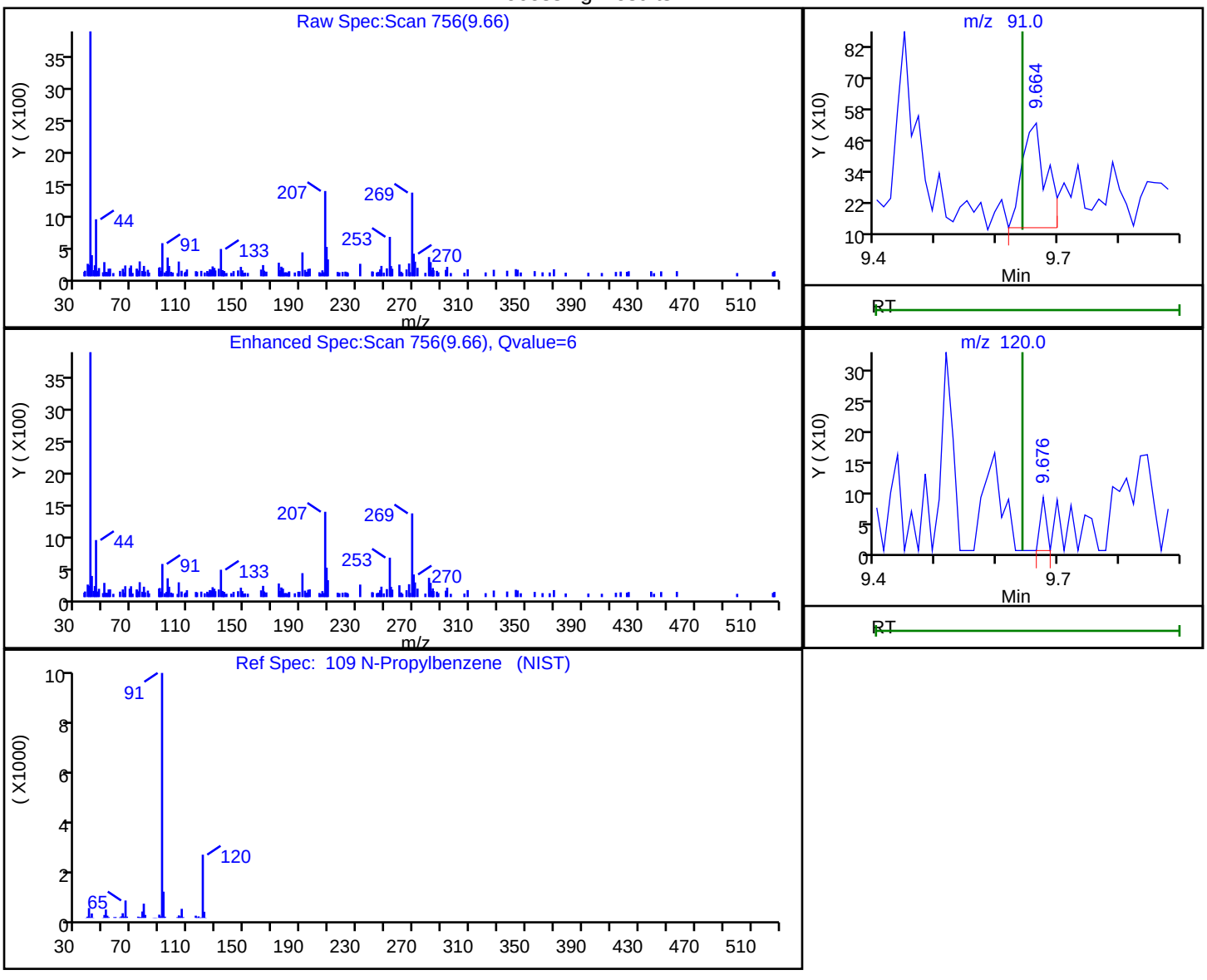
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
9.66	91.00	1114	0.030208
9.68	120.00	60	

Reviewer: W9CM, 02-Oct-2022 09:26:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

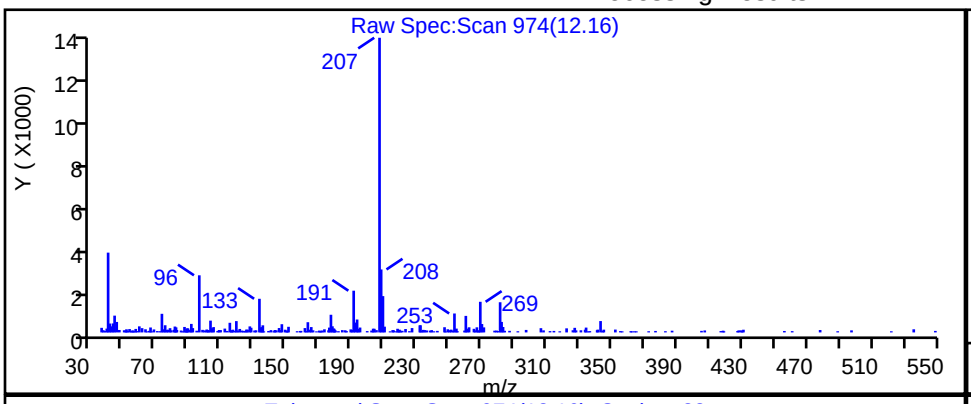
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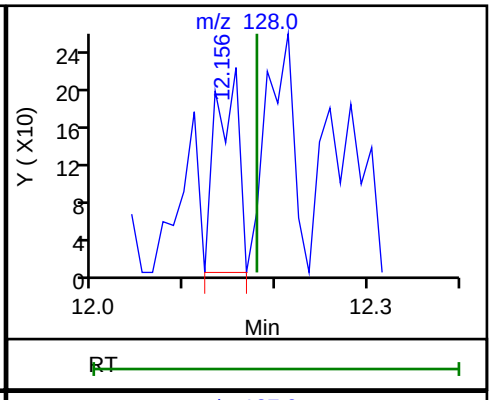
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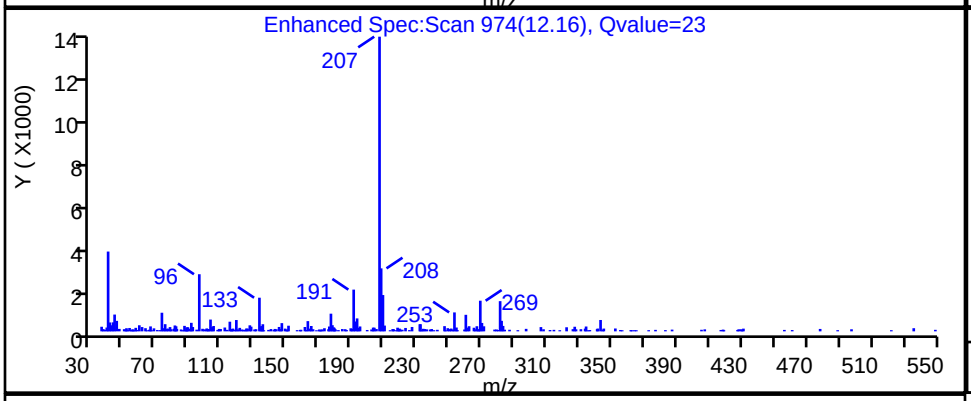
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

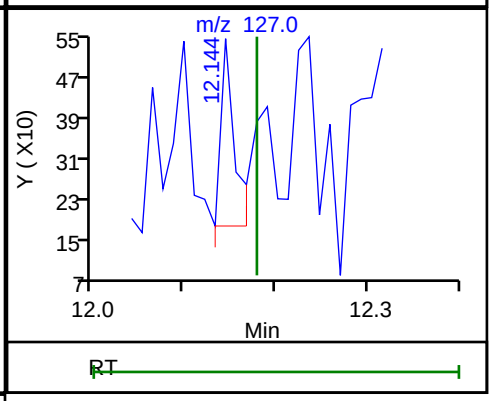
134 Naphthalene, CAS: 91-20-3

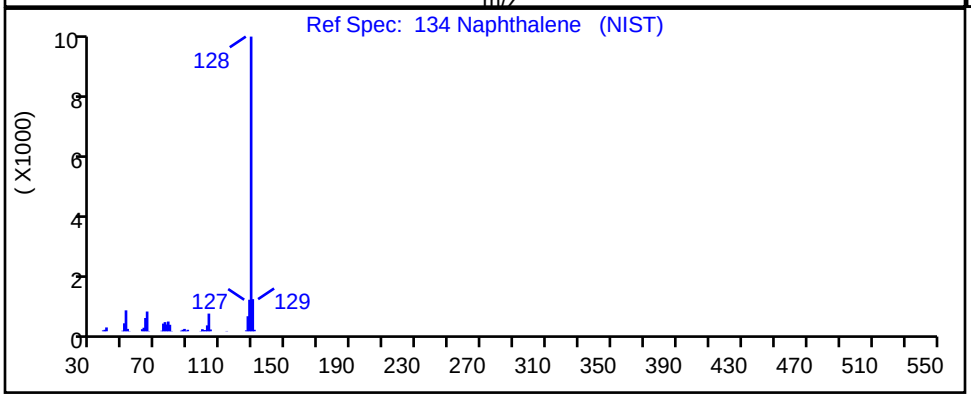
Processing Results











RT	Mass	Response	Amount
12.16	128.00	376	0.020944
12.14	127.00	385	

Reviewer: W9CM, 02-Oct-2022 09:27:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

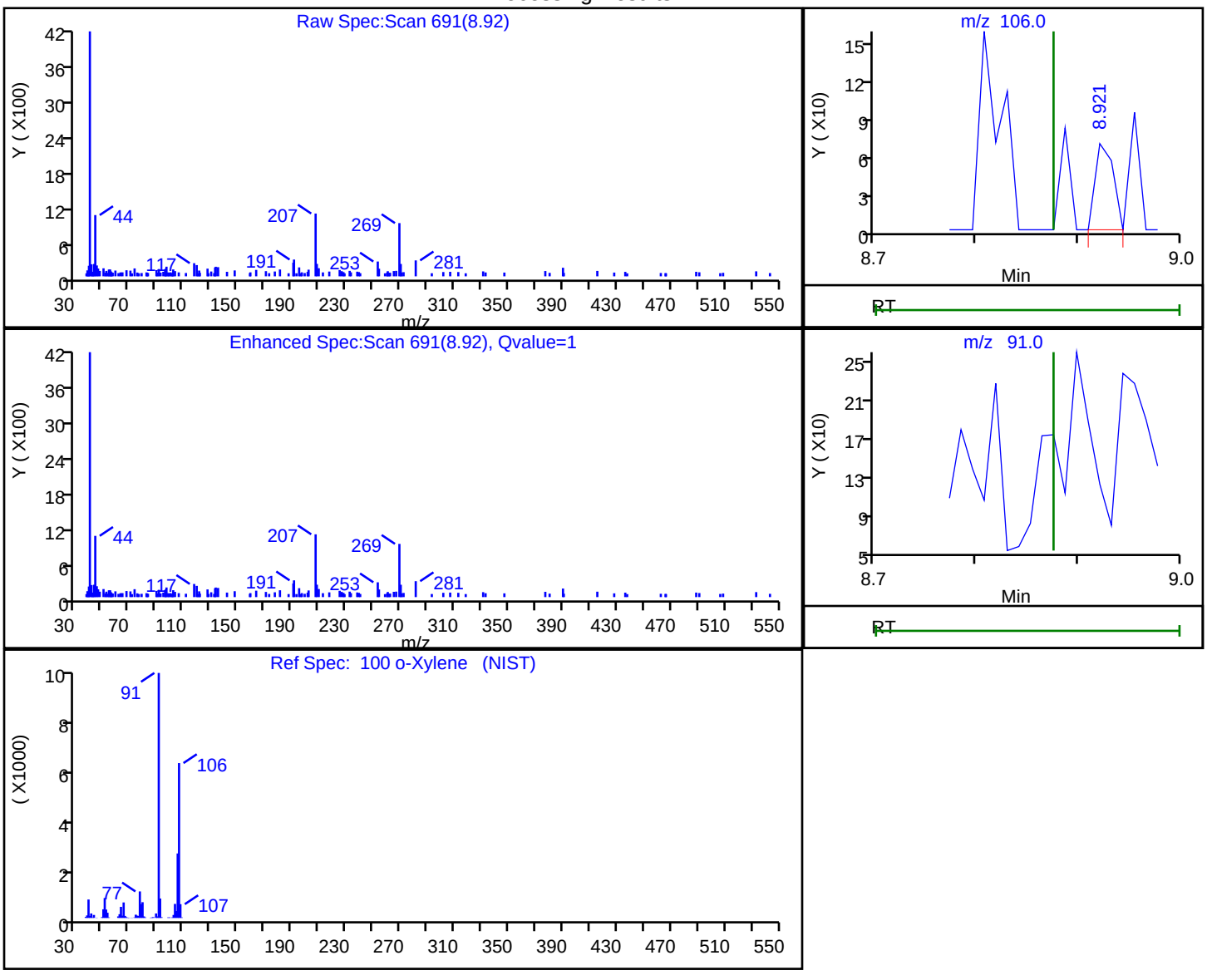
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
8.92	106.00	82	0.007096
8.94	91.00	369	

Reviewer: W9CM, 02-Oct-2022 09:26:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

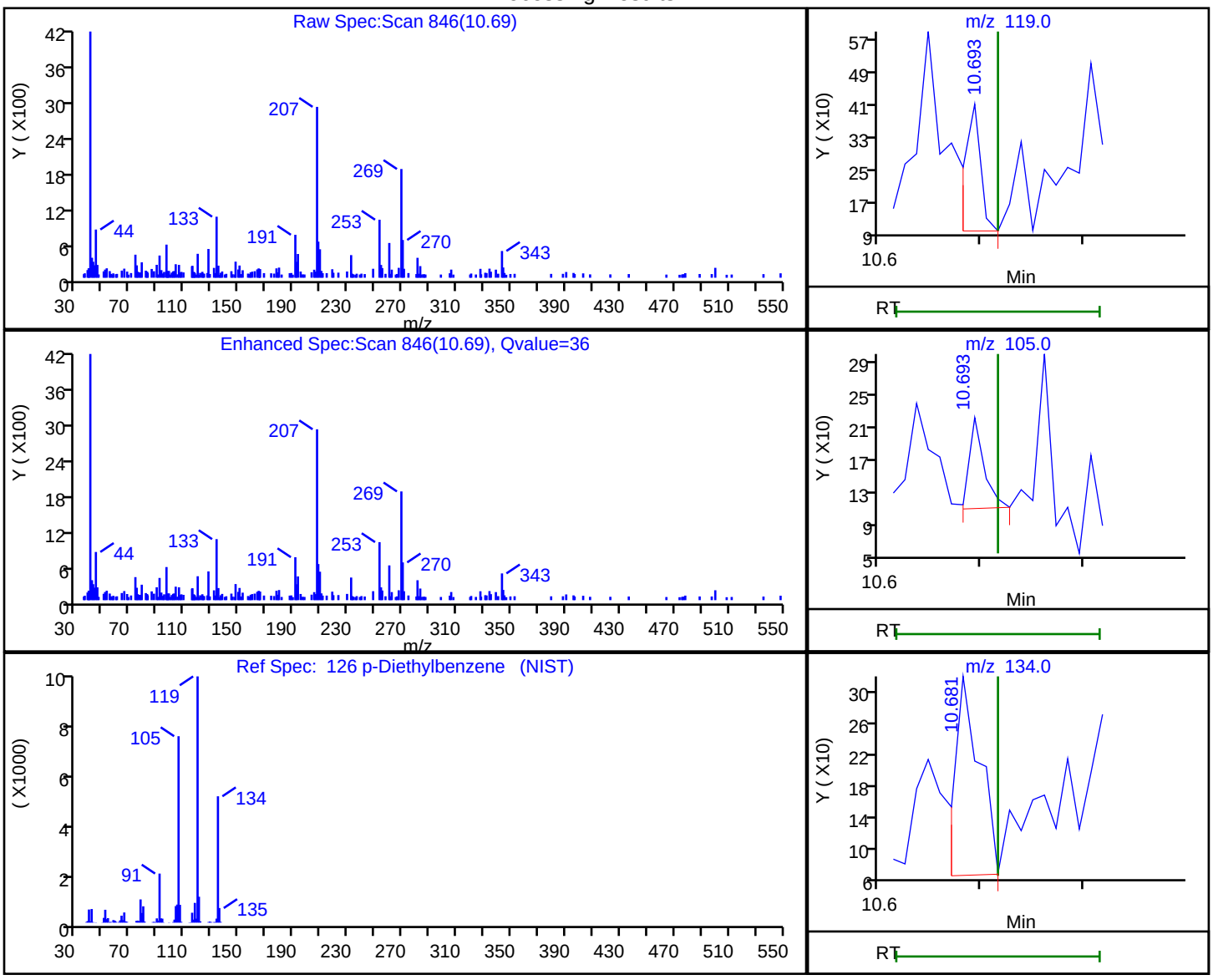
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D				
Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	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
10.69	119.00	338	0.028800
10.69	105.00	109	
10.68	134.00	425	

Reviewer: W9CM, 02-Oct-2022 09:26:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

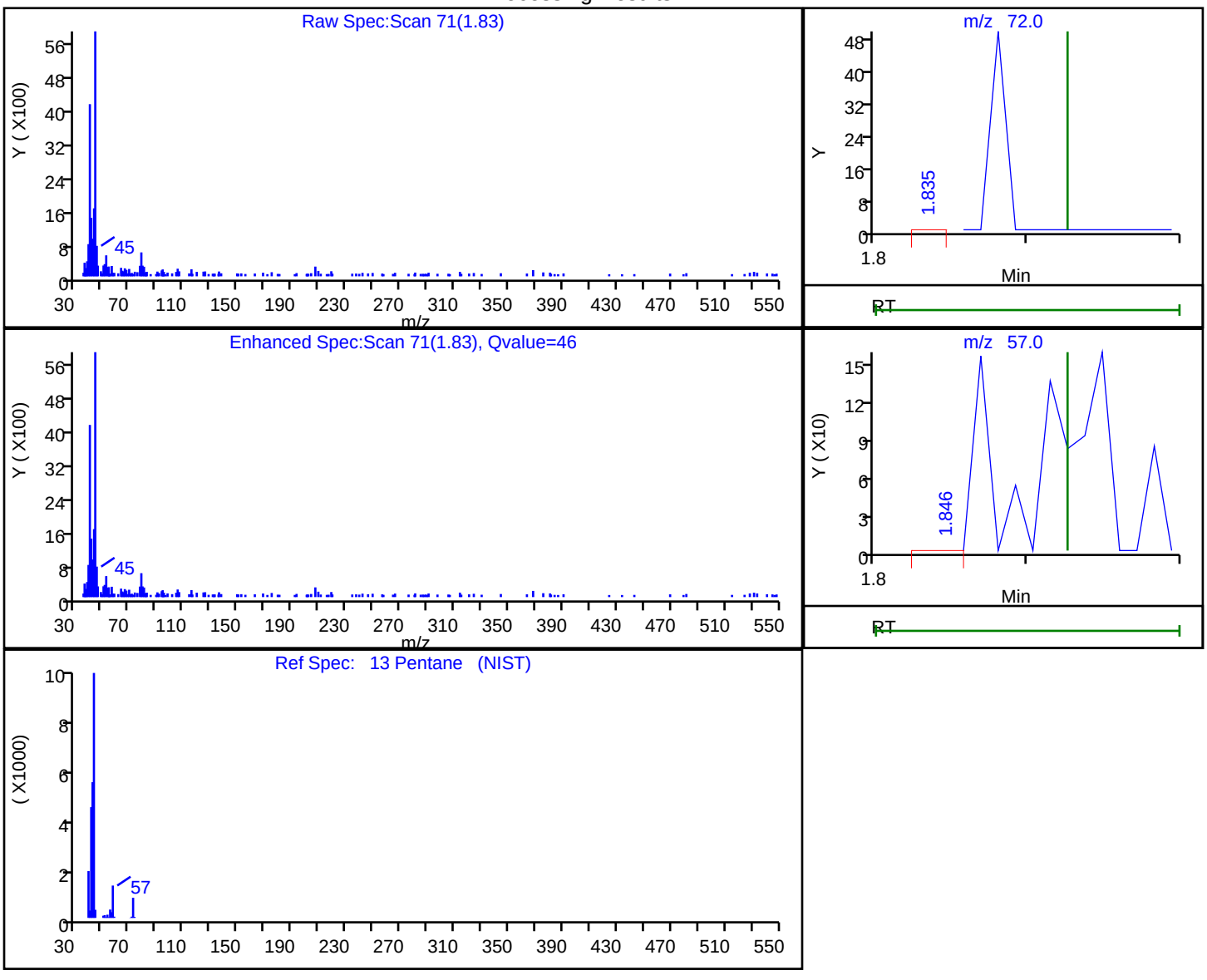
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
1.83	72.00	75	0.042121
1.85	57.00	189	

Reviewer: W9CM, 02-Oct-2022 09:22:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

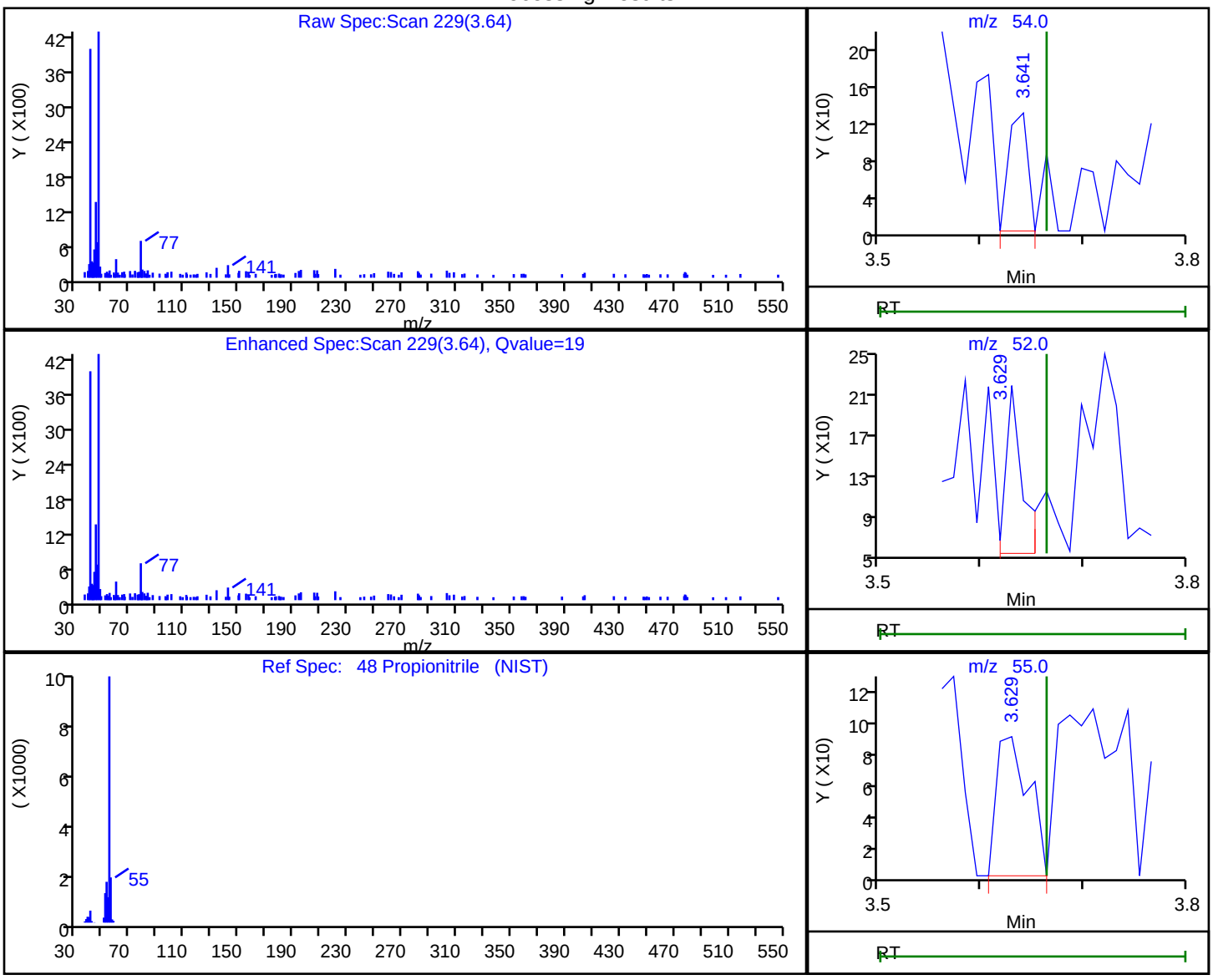
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.64	54.00	164	0.098448
3.63	52.00	179	
3.63	55.00	199	

Reviewer: W9CM, 02-Oct-2022 09:24:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

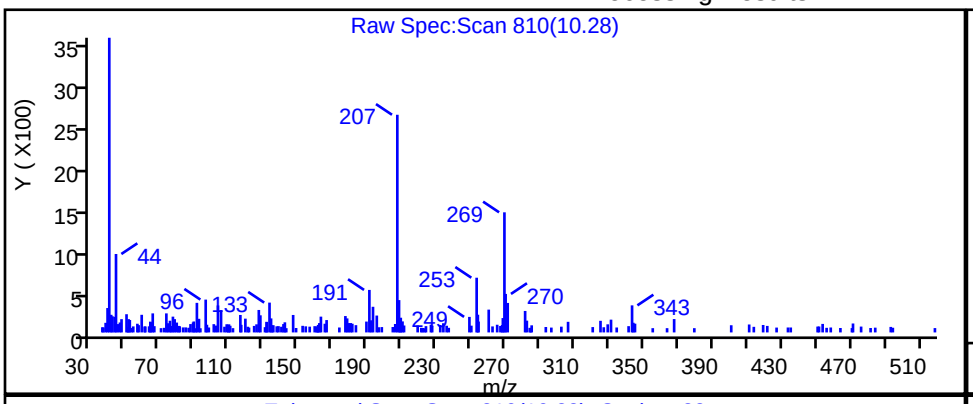
User Disabled Compound Report

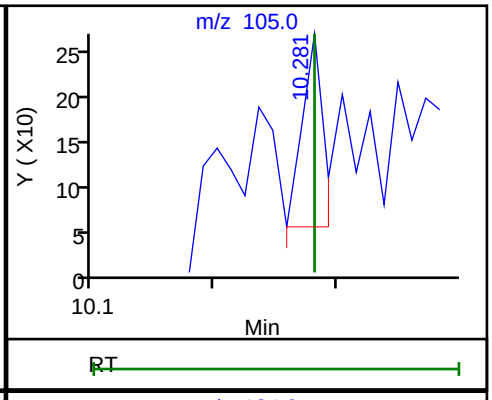
Eurofins Edison

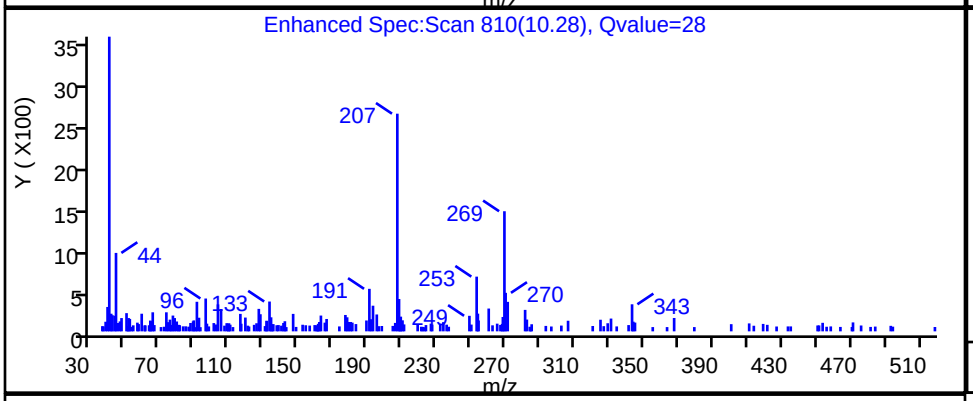
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Injection Date:	01-Oct-2022 15:52:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

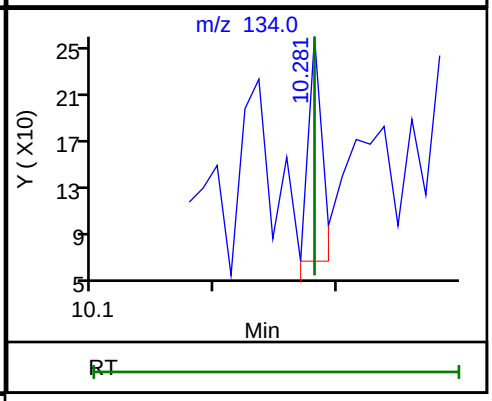
120 sec-Butylbenzene, CAS: 135-98-8

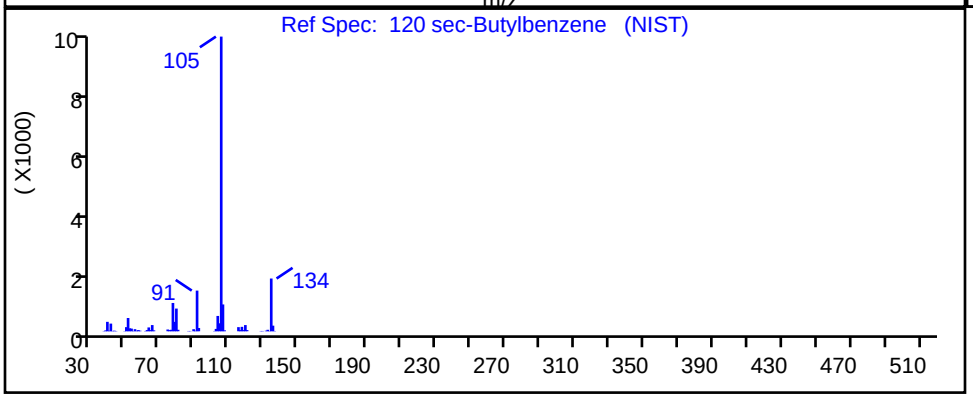
Processing Results











RT	Mass	Response	Amount
10.28	105.00	257	0.009137
10.28	134.00	151	

Reviewer: W9CM, 02-Oct-2022 09:26:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

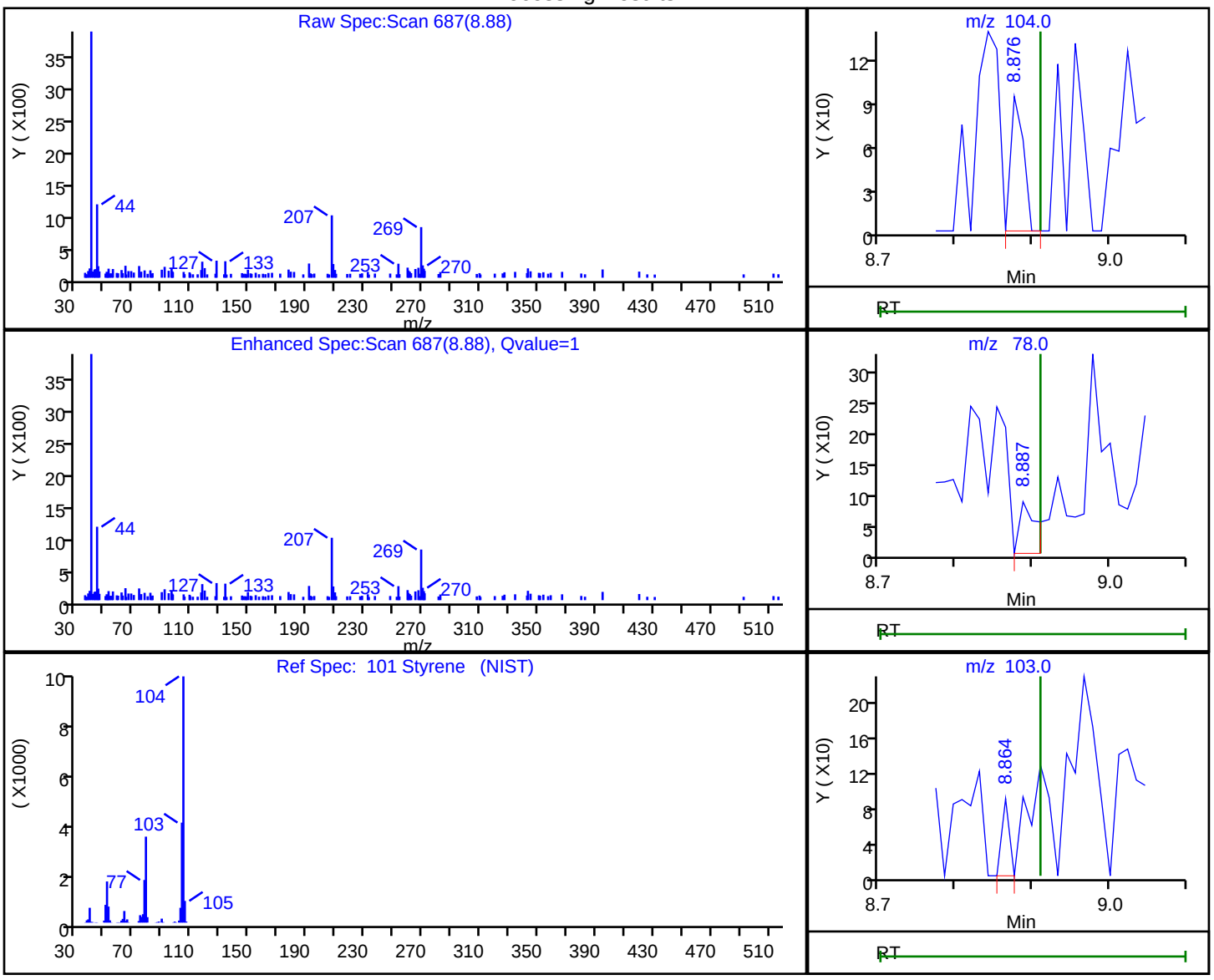
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
8.88	104.00	105	0.005745
8.89	78.00	129	
8.86	103.00	60	

Reviewer: W9CM, 02-Oct-2022 09:26:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

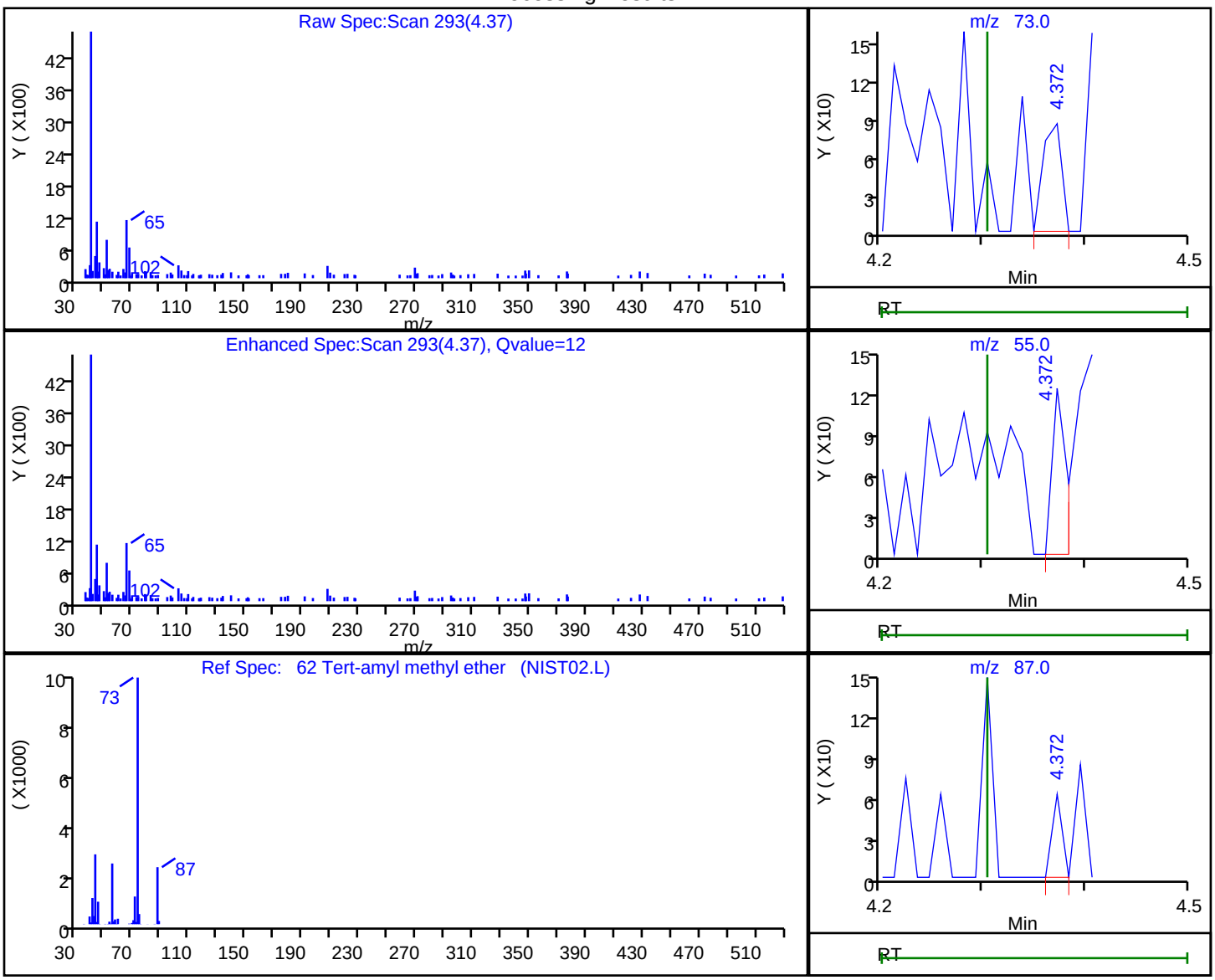
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
4.37	73.00	105	0.003924
4.37	55.00	120	
4.37	87.00	43	

Reviewer: W9CM, 02-Oct-2022 09:25:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

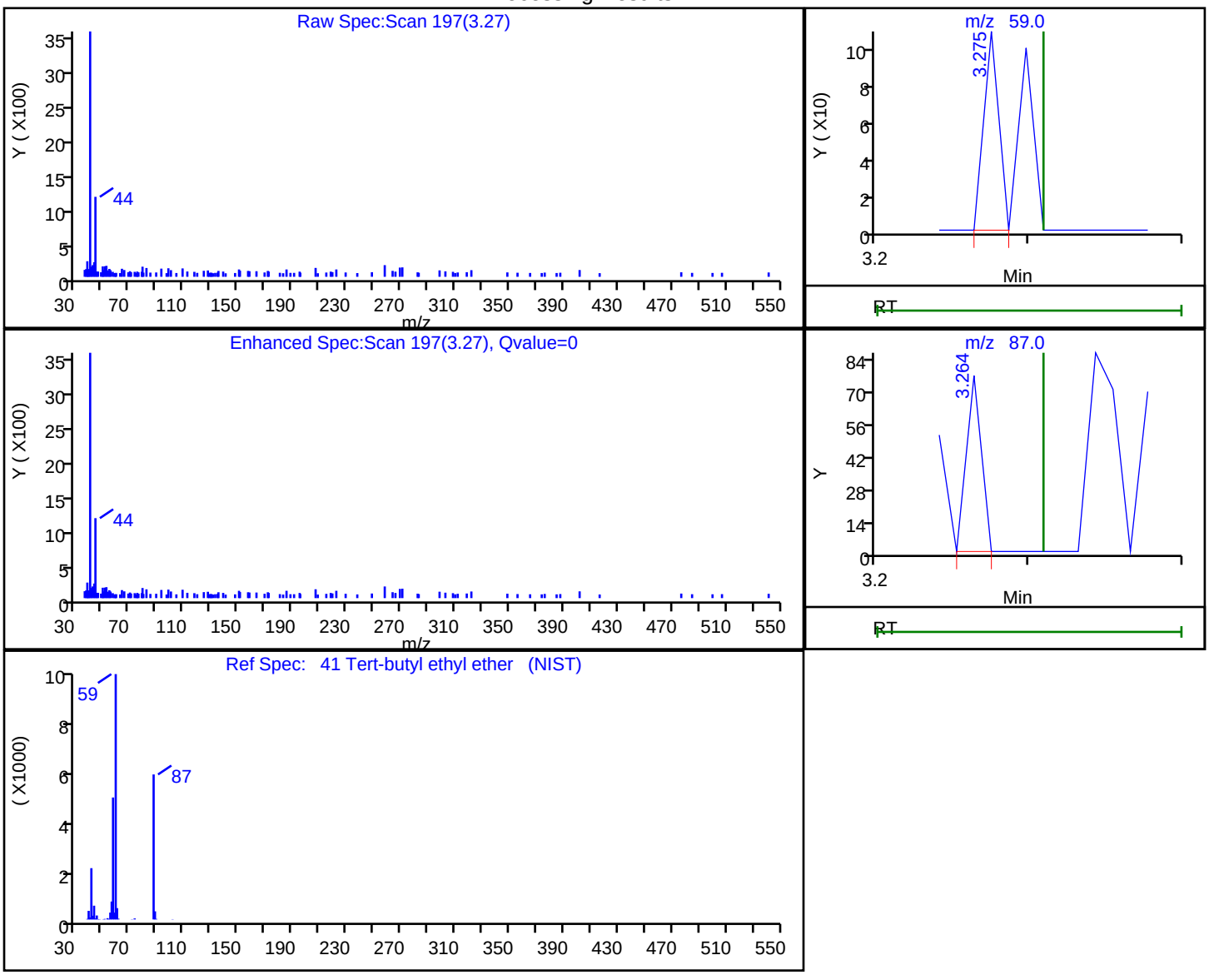
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.27	59.00	74	0.002418
3.26	87.00	53	

Reviewer: W9CM, 02-Oct-2022 09:24:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

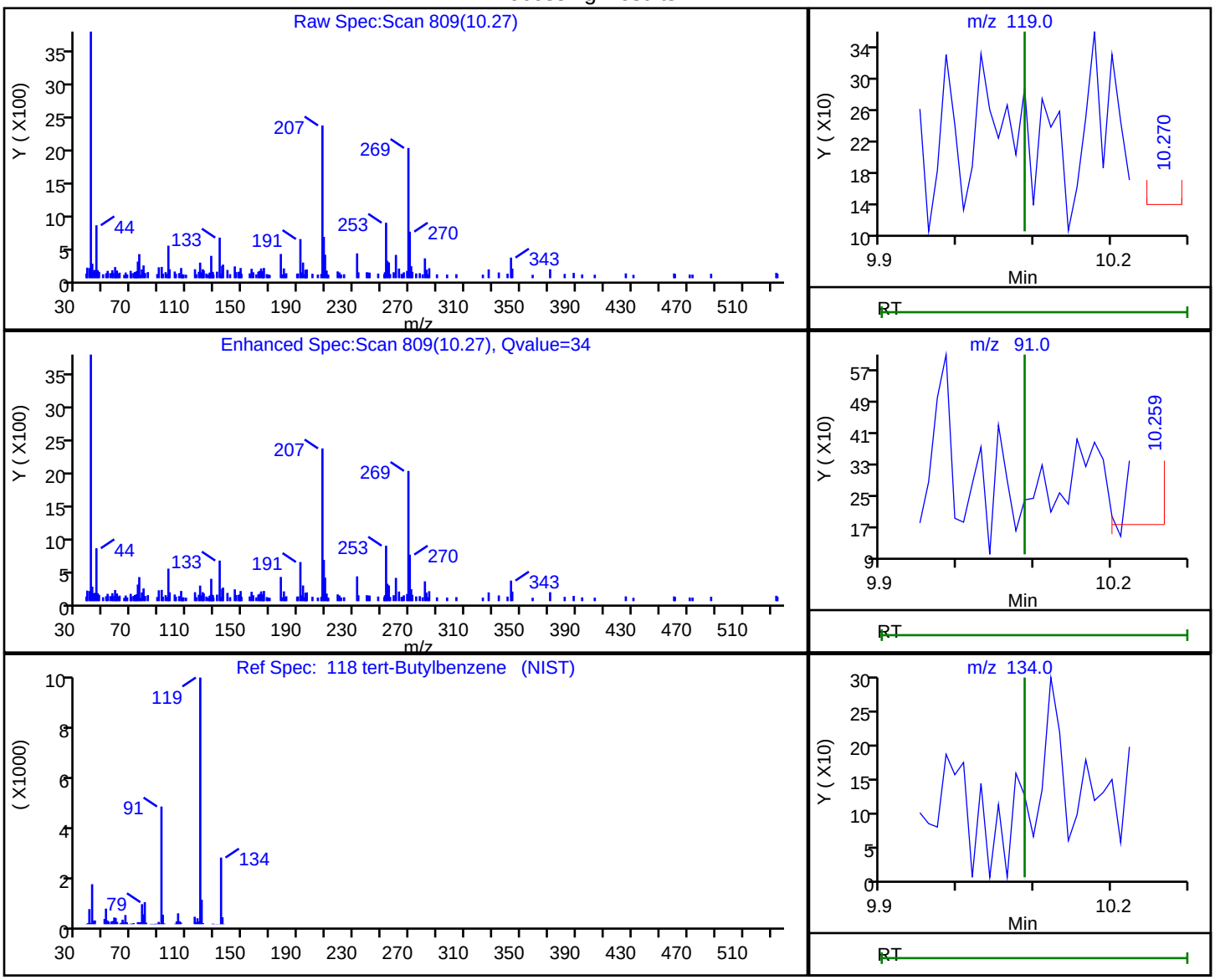
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
10.27	119.00	73	0.003688
10.26	91.00	376	
10.28	134.00	417	

Reviewer: W9CM, 02-Oct-2022 09:26:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

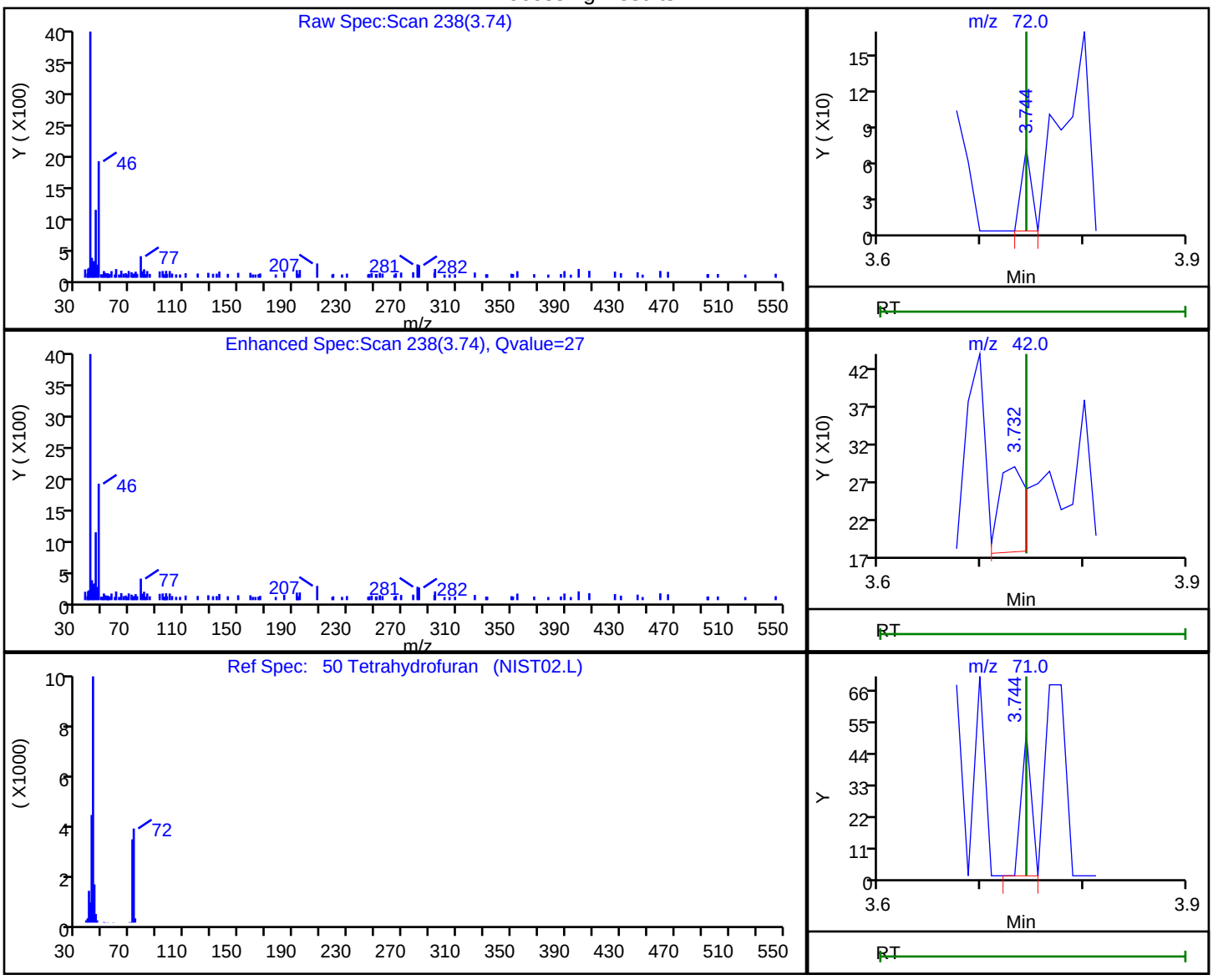
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.74	72.00	47	0.034937
3.73	42.00	212	
3.74	71.00	35	

Reviewer: W9CM, 02-Oct-2022 09:24:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

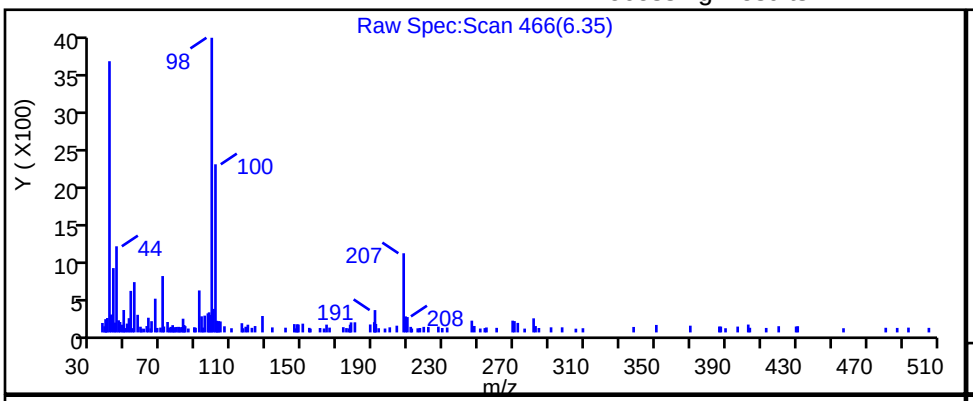
User Disabled Compound Report

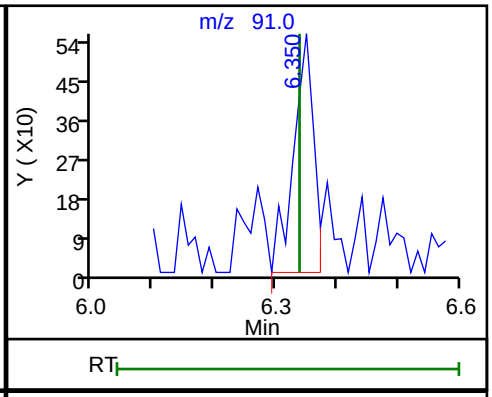
Eurofins Edison

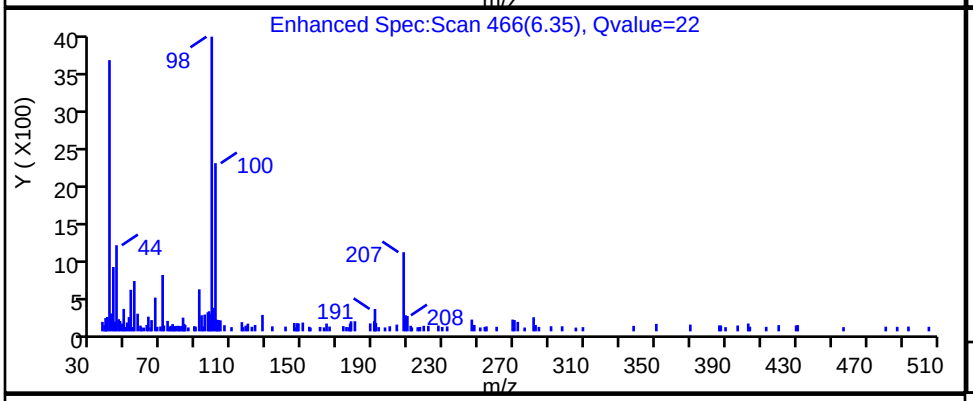
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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

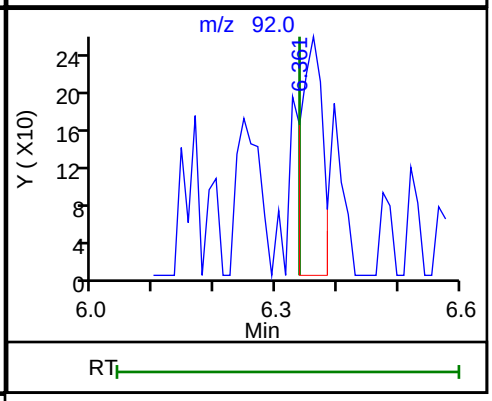
83 Toluene, CAS: 108-88-3

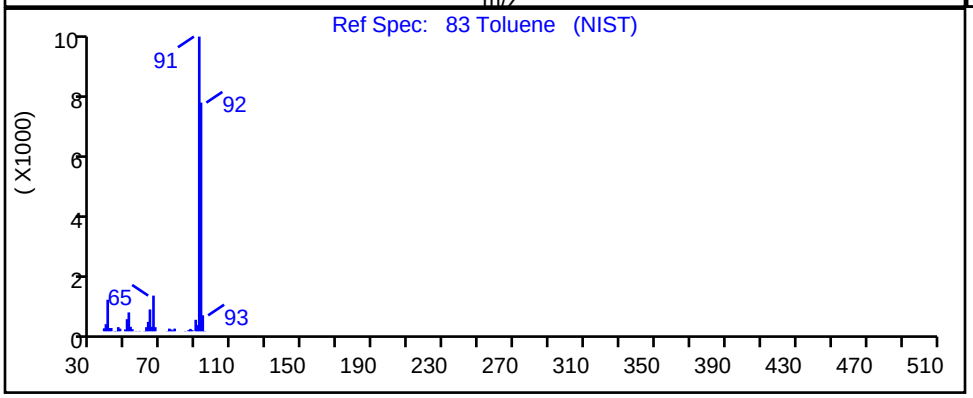
Processing Results











RT	Mass	Response	Amount
6.35	91.00	1302	0.039353
6.36	92.00	621	

Reviewer: W9CM, 02-Oct-2022 09:25:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

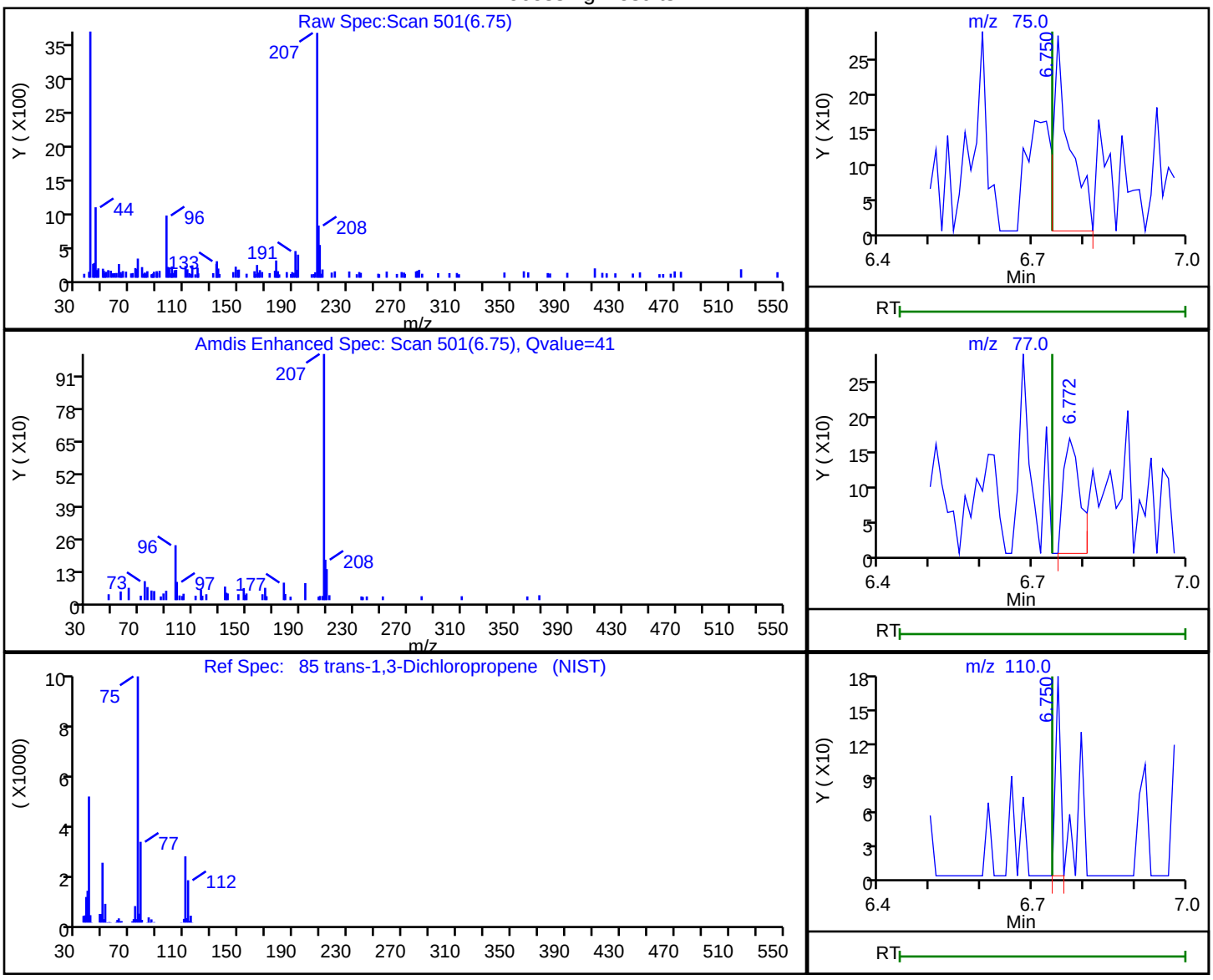
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.75	75.00	622	0.049116
6.77	77.00	378	
6.75	110.00	118	

Reviewer: W9CM, 02-Oct-2022 09:26:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

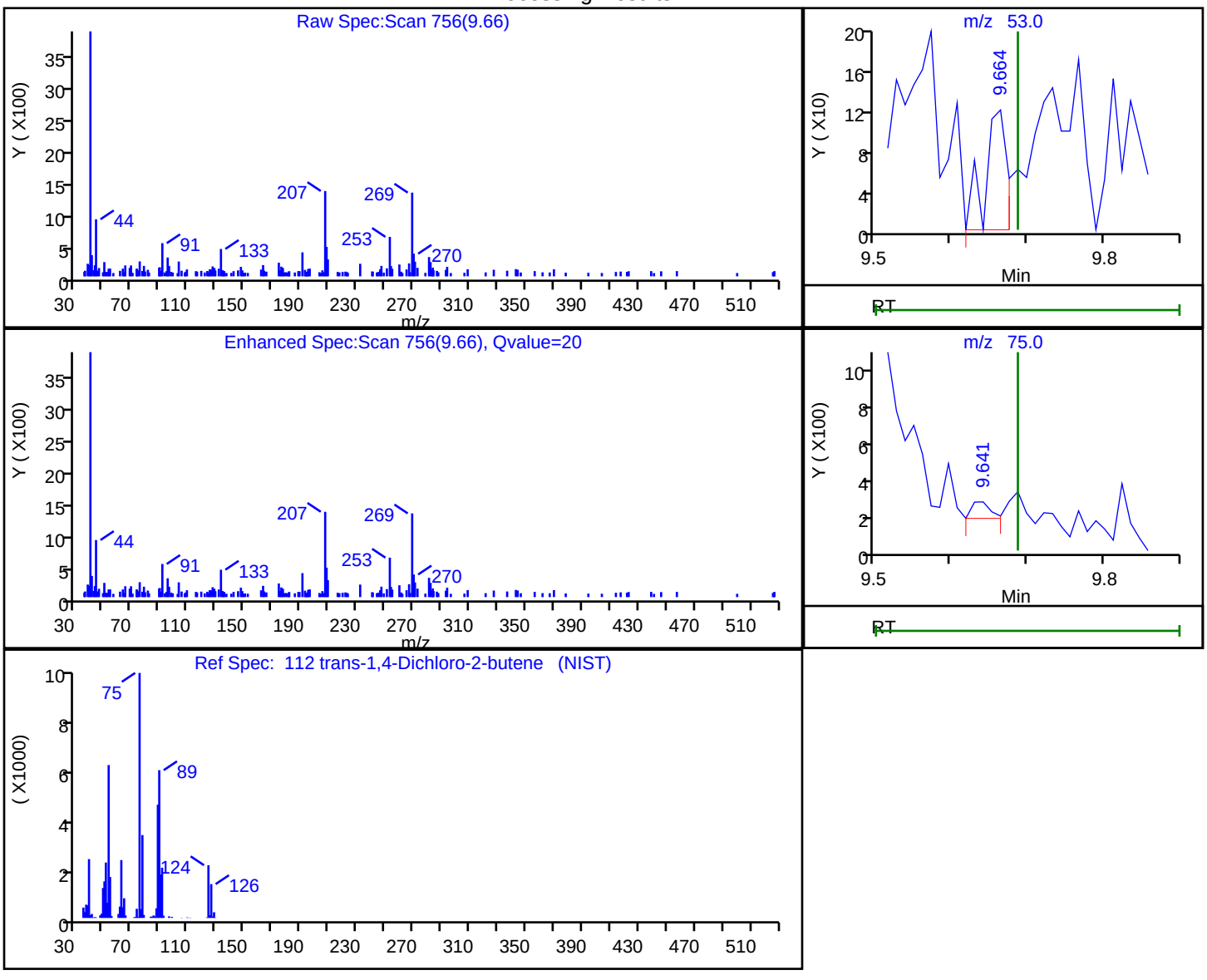
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.66	53.00	239	0.065245
9.64	75.00	147	

Reviewer: W9CM, 02-Oct-2022 09:26:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

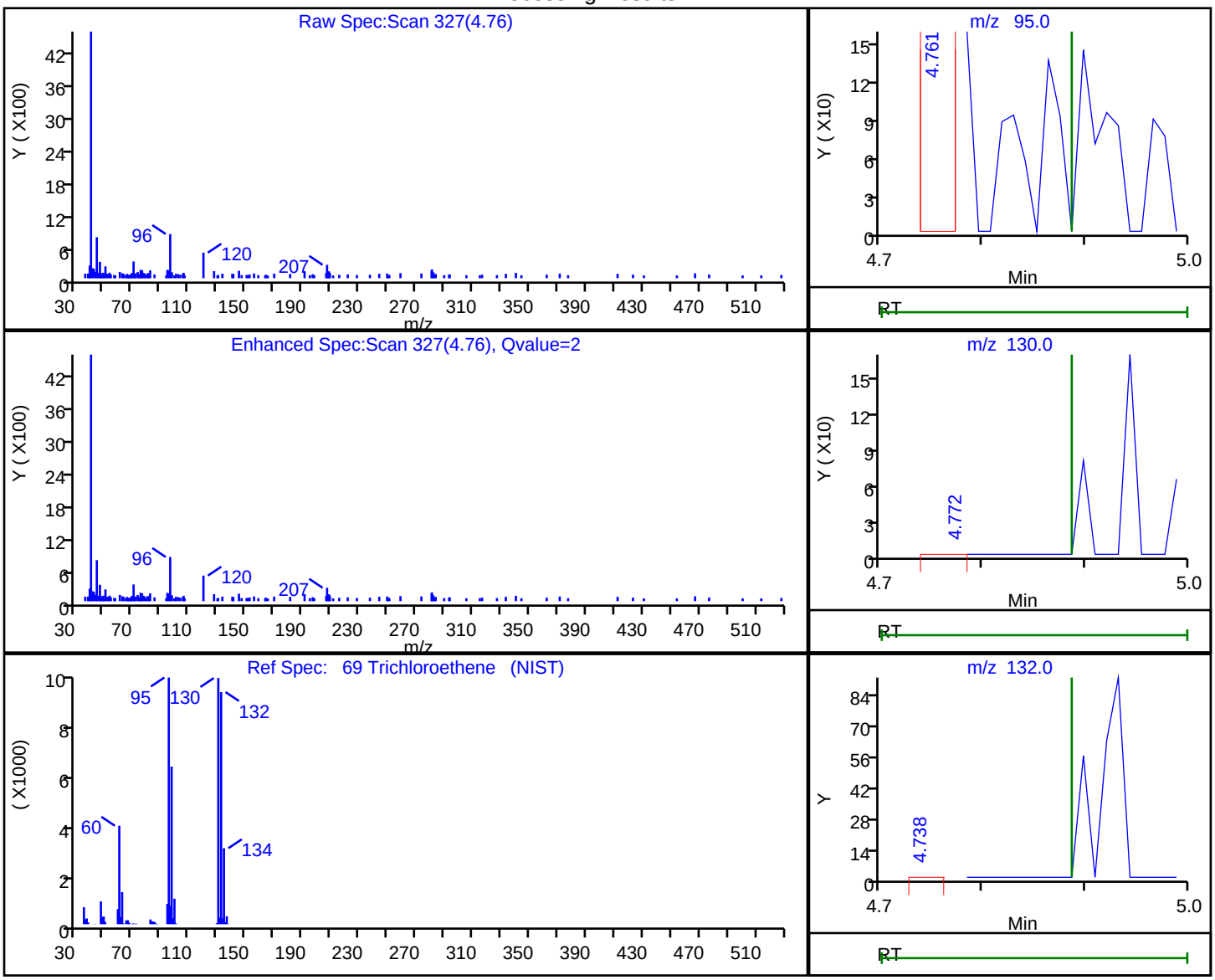
User Disabled Compound Report

Eurofins Edison

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Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.76	95.00	179	0.023854
4.77	130.00	126	
4.74	132.00	82	

Reviewer: W9CM, 02-Oct-2022 09:25:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

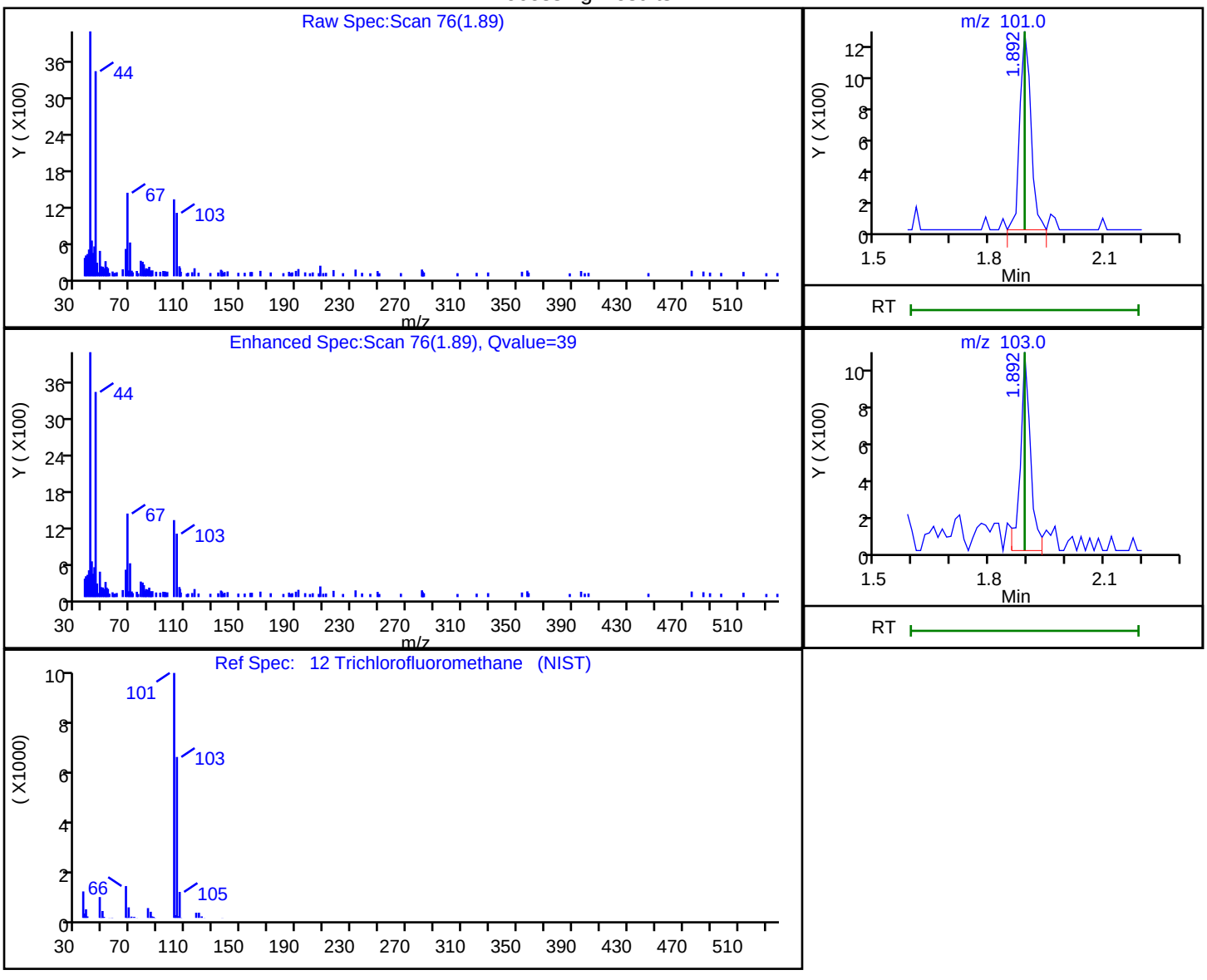
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
1.89	101.00	2546	0.250774
1.89	103.00	1931	

Reviewer: W9CM, 02-Oct-2022 09:22:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

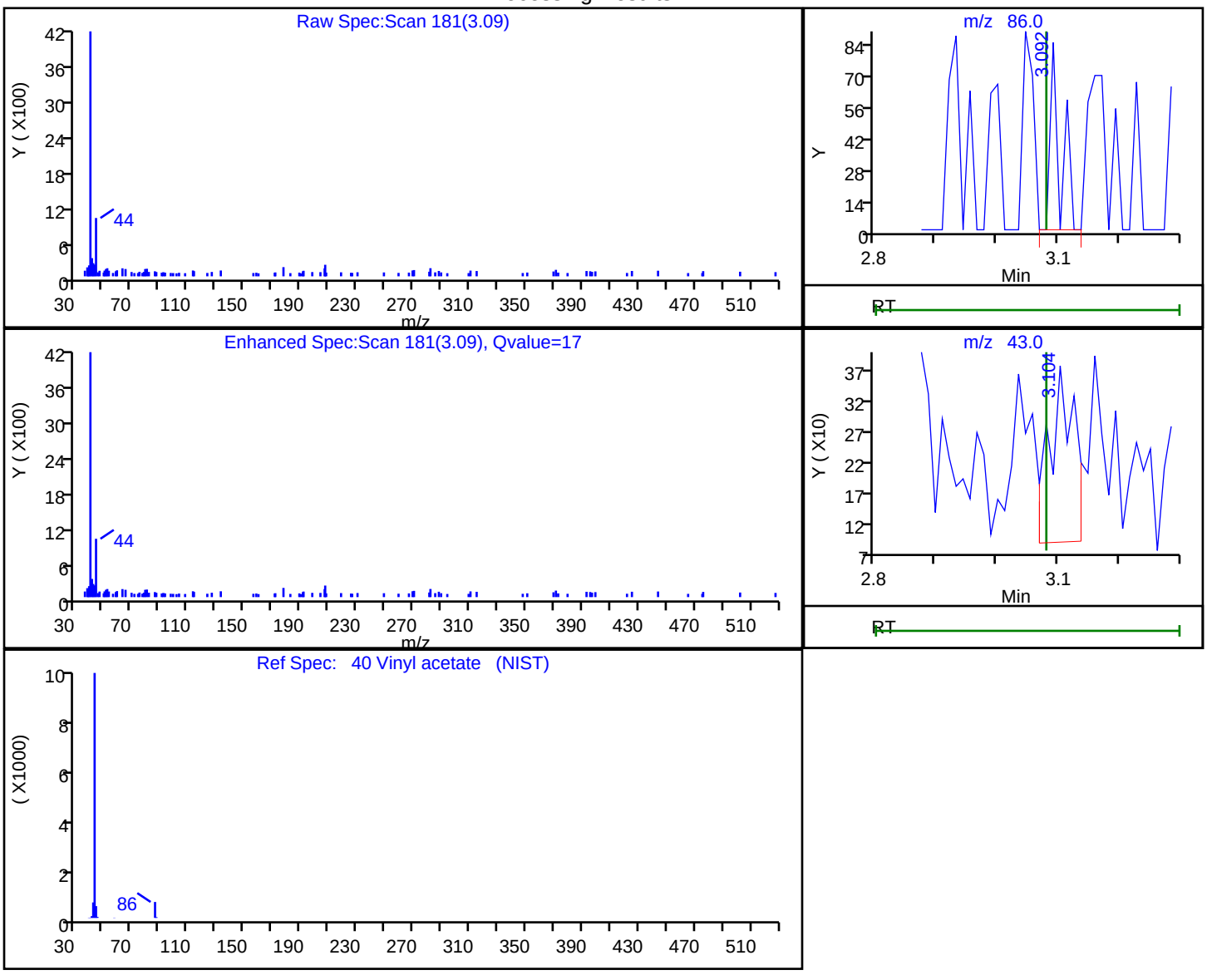
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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

40 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.09	86.00	99	0.051522
3.10	43.00	821	

Reviewer: W9CM, 02-Oct-2022 09:23:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

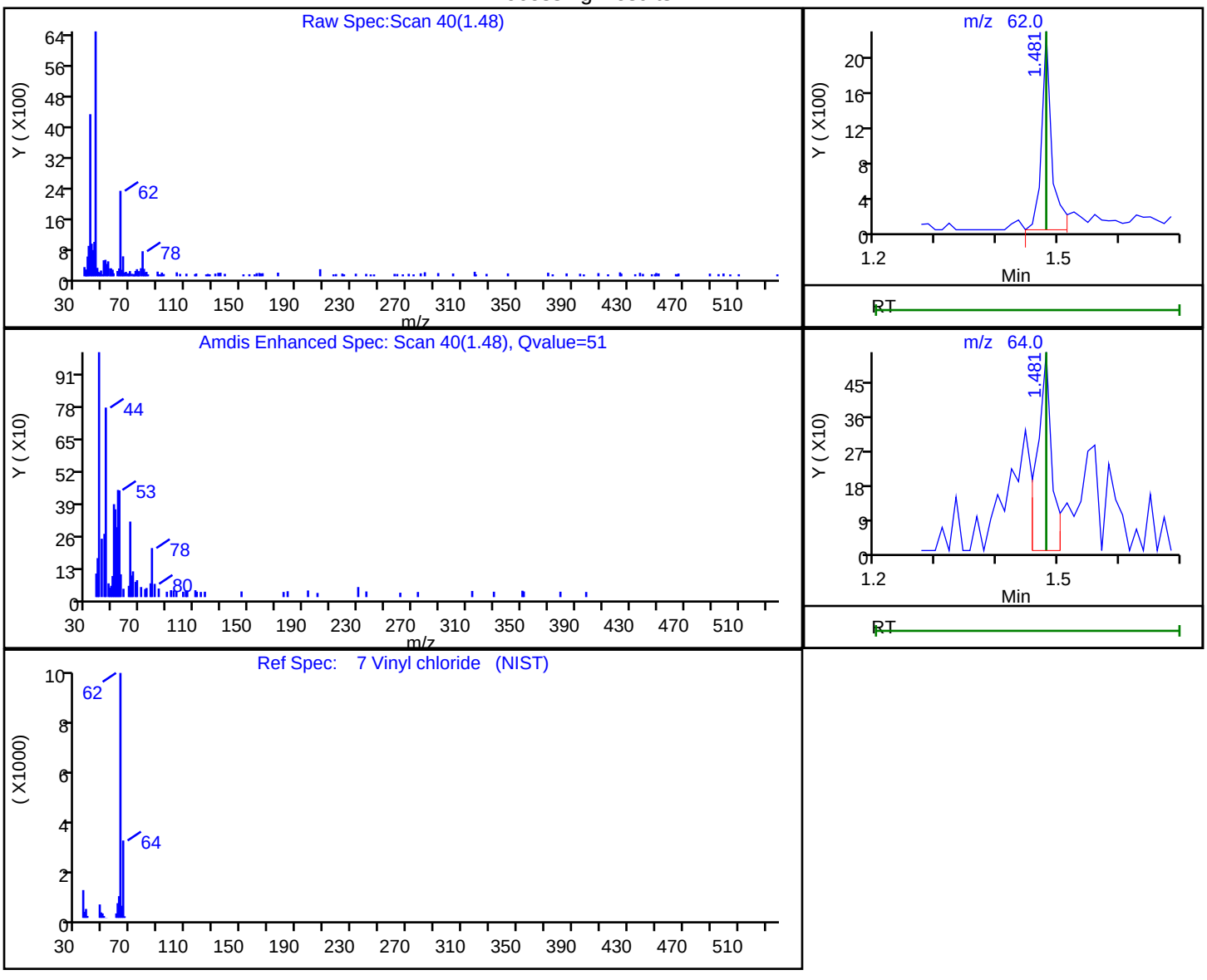
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25690.D
Injection Date: 01-Oct-2022 15:52:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 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
1.48	62.00	2603	0.253922
1.48	64.00	875	

Reviewer: W9CM, 02-Oct-2022 09:21:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25691.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Oct-2022 16:14:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0151144-004
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:11:33 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: W9CM Date: 02-Oct-2022 09:20:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.252	1.263	-0.011	38	753	0.5000	0.4190	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	75	2610	0.5000	0.5936	
5 Dichlorodifluoromethane	85	1.275	1.286	-0.011	96	4155	0.5000	0.5103	
2 Chlorodifluoromethane	67	1.297	1.309	-0.012	97	708	0.5000	0.4773	
6 Chloromethane	50	1.423	1.435	-0.012	97	7987	0.5000	0.6090	
7 Vinyl chloride	62	1.480	1.481	0.000	97	4743	0.5000	0.5149	M
8 Butadiene	54	1.492	1.492	0.000	91	6091	0.5000	0.5545	
9 Bromomethane	94	1.697	1.698	-0.001	37	1977	0.5000	0.6202	
10 Chloroethane	64	1.755	1.755	0.000	59	3893	0.5000	0.6653	
11 Dichlorofluoromethane	67	1.880	1.881	-0.001	95	7717	0.5000	0.5517	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	95	4830	0.5000	0.5285	
13 Pentane	72	1.926	1.926	0.000	95	1898	1.00	1.18	
17 Ethanol	46	2.029	2.029	0.000	36	996	20.0	34.0	
14 Ethyl ether	74	2.075	2.063	0.012	58	2927	0.5000	0.5883	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	91	4670	0.5000	0.4817	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.097	2.098	-0.001	78	3345	0.5000	0.6627	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.132	2.143	-0.011	96	4867	0.5000	0.5114	a
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.201	-0.001	83	3101	0.5000	0.5431	
52 Acrolein	56	2.223	2.212	0.011	44	2435	2.00	1.63	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	92	3810	0.5000	0.6646	
23 Acetone	43	2.303	2.292	0.011	85	13705	2.50	5.40	
21 Iodomethane	142	2.349	2.361	-0.012	22	746	0.5000	0.1676	
24 Isopropyl alcohol	45	2.383	2.361	0.022	28	2017	5.00	4.94	Ma
22 Carbon disulfide	76	2.395	2.395	0.000	98	12575	0.5000	0.5603	
30 Methyl acetate	43	2.498	2.486	0.012	74	6940	1.00	0.7516	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	88	3018	0.5000	0.5761	
25 Cyclopentene	67	2.509	2.509	0.000	93	10903	0.5000	0.4899	
27 Acetonitrile	41	2.578	2.532	0.046	31	6314	5.00	5.66	a
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	97	46084	1000.0	1000.0	
29 Methylene Chloride	84	2.589	2.589	0.000	93	3358	0.5000	0.4953	

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	2.623	2.623	0.000	97	4134	5.00	5.76	a
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	94	12855	0.5000	0.5536	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	96	4349	0.5000	0.6536	M
35 Acrylonitrile	53	2.818	2.795	0.023	94	19149	5.00	4.66	
36 Hexane	57	2.863	2.863	0.000	88	5955	0.5000	0.4402	
37 Isopropyl ether	45	3.035	3.035	0.000	97	17902	0.5000	0.4946	
38 1,1-Dichloroethane	63	3.080	3.081	-0.001	97	8554	0.5000	0.5349	
40 Vinyl acetate	86	3.103	3.081	0.022	99	1623	1.00	1.00	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	90	3251	0.5000	0.5239	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	13119	0.5000	0.4760	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	650967	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.504	-0.001	49	1972	0.5000	0.5037	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	88	3741	0.5000	0.5415	
44 2-Butanone (MEK)	72	3.549	3.538	0.011	95	2986	2.50	2.75	
47 Ethyl acetate	70	3.549	3.538	0.011	91	1063	1.00	1.03	
46 Methyl acrylate	55	3.629	3.595	0.034	95	4521	0.5000	0.5291	
48 Propionitrile	54	3.698	3.664	0.034	89	6844	5.00	4.56	
49 Chlorobromomethane	128	3.743	3.744	-0.001	65	1486	0.5000	0.5773	
50 Tetrahydrofuran	72	3.778	3.744	0.034	27	1247	1.00	1.03	
54 Methacrylonitrile	67	3.766	3.755	0.011	98	18597	5.00	4.77	
51 Chloroform	83	3.789	3.789	0.000	95	6358	0.5000	0.5199	
53 Cyclohexane	84	3.915	3.915	0.000	89	5529	0.5000	0.4889	
55 1,1,1-Trichloroethane	97	3.915	3.926	-0.011	65	5649	0.5000	0.5547	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	175331	50.0	52.1	
57 Carbon tetrachloride	117	4.029	4.041	-0.012	95	4141	0.5000	0.5123	
58 1,1-Dichloropropene	75	4.075	4.064	0.011	86	5742	0.5000	0.5281	
61 Isobutyl alcohol	43	4.235	4.201	0.034	45	4379	12.5	6.45	
64 Isooctane	57	4.223	4.212	0.011	99	11944	0.5000	0.4378	
59 Benzene	78	4.258	4.258	0.000	95	16599	0.5000	0.5323	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	94	292501	50.0	54.0	
66 Isopropyl acetate	87	4.315	4.304	0.011	88	3112	0.5000	0.4735	
62 Tert-amyl methyl ether	73	4.303	4.304	-0.001	79	12057	0.5000	0.5003	
63 1,2-Dichloroethane	62	4.349	4.349	0.000	89	6519	0.5000	0.6036	
65 n-Heptane	57	4.406	4.395	0.011	92	3134	0.5000	0.5132	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	721845	50.0	50.0	
69 Trichloroethene	95	4.898	4.887	0.011	84	4178	0.5000	0.6182	
71 Ethyl acrylate	99	5.035	5.012	0.023	43	394	0.5000	0.3910	a
72 Methylcyclohexane	83	5.001	5.012	-0.011	87	6163	0.5000	0.5215	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	5892	0.5000	0.6313	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	89	21171	1000.0	1000.0	
74 Methyl methacrylate	100	5.286	5.252	0.034	90	1850	1.00	1.01	
78 1,4-Dioxane	88	5.298	5.298	0.000	33	1629	25.0	31.6	
77 n-Propyl acetate	43	5.344	5.321	0.023	94	8174	0.5000	0.4636	
75 Dibromomethane	93	5.321	5.321	0.000	79	2854	0.5000	0.6948	
76 Dichlorobromomethane	83	5.469	5.481	-0.012	95	5334	0.5000	0.5827	
34 2-Nitropropane	41	5.824	5.812	0.012	85	3601	1.00	1.08	
79 2-Chloroethyl vinyl ether	63	5.846	5.835	0.011	69	2454	0.5012	0.4449	
80 Epichlorohydrin	57	5.972	5.938	0.034	98	8936	10.0	9.05	
81 cis-1,3-Dichloropropene	75	6.006	6.007	-0.001	93	5799	0.5000	0.4737	
84 4-Methyl-2-pentanone (MIBK)	43	6.178	6.167	0.011	98	22356	2.50	1.98	
$ 82 Toluene-d8 (Surr)	98	6.258	6.258	0.000	97	845325	50.0	51.7	
83 Toluene	91	6.349	6.338	0.011	87	15549	0.5000	0.5325	

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	6.749	6.738	0.011	90	5884	0.5000	0.5264	
86 Ethyl methacrylate	69	6.784	6.772	0.012	85	3709	0.5000	0.4049	
87 1,1,2-Trichloroethane	83	6.978	6.967	0.011	87	2835	0.5000	0.5333	
88 Tetrachloroethene	166	7.024	7.012	0.012	82	2759	0.5000	0.5378	
89 1,3-Dichloropropane	76	7.207	7.207	0.000	91	5623	0.5000	0.4886	
91 2-Hexanone	43	7.309	7.275	0.034	96	11160	2.50	2.57	
92 n-Butyl acetate	43	7.469	7.424	0.045	86	7123	0.5000	0.3899	
90 Chlorodibromomethane	129	7.469	7.458	0.011	88	2807	0.5000	0.5314	
93 Ethylene Dibromide	107	7.629	7.630	-0.001	29	3021	0.5000	0.5720	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	96	430584	50.0	50.0	
95 Chlorobenzene	112	8.212	8.213	-0.001	96	8989	0.5000	0.5686	
97 Ethylbenzene	106	8.315	8.304	0.011	97	5019	0.5000	0.5709	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.327	-0.012	40	2818	0.5000	0.5607	
98 m-Xylene & p-Xylene	106	8.452	8.441	0.011	97	5193	0.5000	0.4887	
100 o-Xylene	106	8.887	8.876	0.011	91	4678	0.5000	0.4587	
99 n-Butyl acrylate	73	8.910	8.887	0.023	60	1570	0.5000	0.5149	
101 Styrene	104	8.921	8.910	0.011	90	7274	0.5000	0.4510	
102 Amyl acetate (mixed isomers)	43	9.138	9.116	0.022	86	7909	0.5000	0.4110	
103 Bromoform	173	9.138	9.127	0.011	51	1536	0.5000	0.4713	
104 Isopropylbenzene	105	9.252	9.241	0.011	97	14061	0.5000	0.5420	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	169691	50.0	51.9	
107 Bromobenzene	156	9.572	9.573	-0.001	85	2812	0.5000	0.5171	
108 1,1,2,2-Tetrachloroethane	83	9.641	9.630	0.011	57	4133	0.5000	0.4961	
109 N-Propylbenzene	91	9.653	9.641	0.011	99	15734	0.5000	0.4772	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	88	1244	0.5000	0.5645	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.687	0.023	63	1479	0.5000	0.4516	a
114 2-Chlorotoluene	91	9.744	9.744	0.000	94	11066	0.5000	0.4914	
113 4-Ethyltoluene	105	9.755	9.756	-0.001	87	12153	0.5000	0.4696	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	89	10415	0.5000	0.4892	
110 4-Chlorotoluene	91	9.858	9.847	0.011	97	10052	0.5000	0.4767	
117 Butyl Methacrylate	87	9.927	9.916	0.011	81	2253	0.5000	0.4968	
118 tert-Butylbenzene	119	10.087	10.087	0.000	83	8587	0.5000	0.4852	
119 1,2,4-Trimethylbenzene	105	10.155	10.144	0.011	95	11037	0.5000	0.5131	
120 sec-Butylbenzene	105	10.281	10.281	0.000	96	12389	0.5000	0.4927	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	94	8896	0.5000	0.4444	
122 1,3-Dichlorobenzene	146	10.418	10.407	0.011	88	4873	0.5000	0.4831	
* 106 1,4-Dichlorobenzene-d4	152	10.475	10.476	-0.001	97	194888	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.498	10.487	0.011	88	5804	0.5000	0.5495	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	94	10087	0.5000	0.4660	a
125 Benzyl chloride	91	10.624	10.613	0.011	94	7140	0.5000	0.4600	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	92	9521	0.5000	0.4743	
126 p-Diethylbenzene	119	10.727	10.716	0.011	87	4431	0.5000	0.4223	
127 n-Butylbenzene	92	10.750	10.739	0.011	94	4406	0.5000	0.3856	
128 1,2-Dichlorobenzene	146	10.807	10.796	0.011	91	5246	0.5000	0.5404	
130 1,2,4,5-Tetramethylbenzene	119	11.344	11.333	0.011	92	9056	0.5000	0.5310	
129 1,2-Dibromo-3-Chloropropane	157	11.436	11.424	0.012	29	782	0.5000	0.5658	
132 1,3,5-Trichlorobenzene	180	11.538	11.539	-0.001	91	3620	0.5000	0.5831	
131 1,2,4-Trichlorobenzene	180	12.007	12.007	0.000	88	3387	0.5000	0.5861	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	44	1359	0.5000	0.5842	
134 Naphthalene	128	12.190	12.179	0.011	96	7878	0.5000	0.4908	
135 1,2,3-Trichlorobenzene	180	12.361	12.350	0.011	90	2035	0.5000	0.4171	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.20	

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	0.9473	
S 138 1,3-Dichloropropene, Total	1				0		1.00	1.00	
S 139 Total BTEX	1				0		2.50	2.58	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

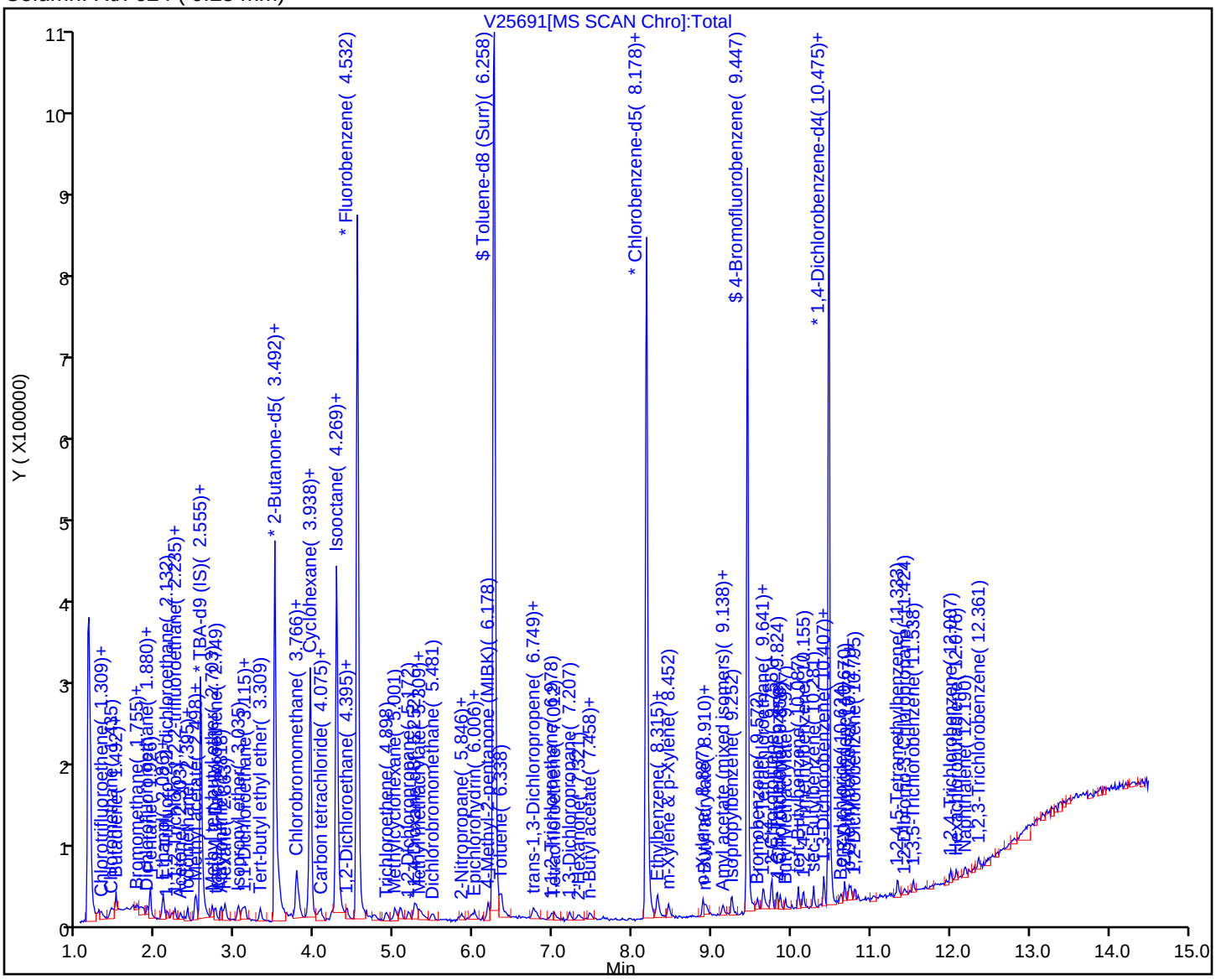
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ACROLEIN W_00144	Amount Added:	2.00	Units: uL	
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Report Date: 02-Oct-2022 10:11:34 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

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Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
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)



Manual Integration/User Assign Peak Report

Eurofins Edison

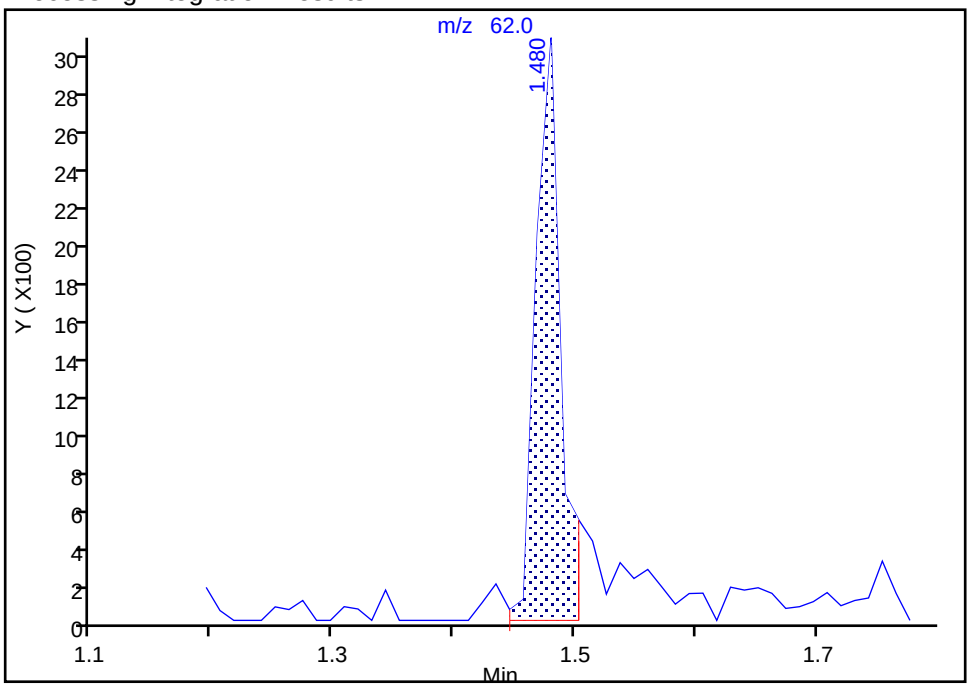
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Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

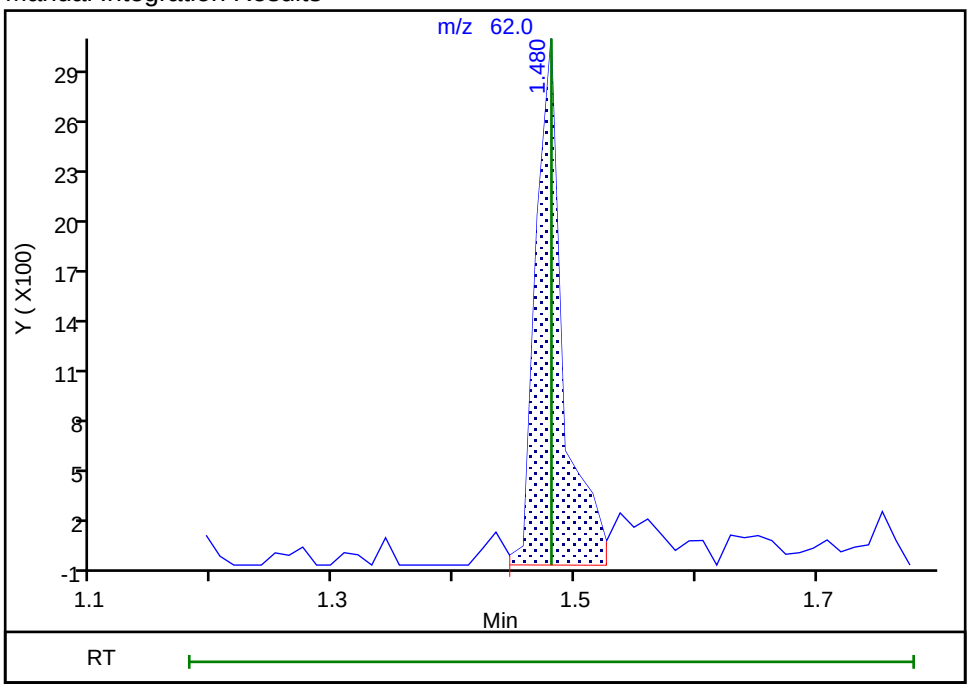
Processing Integration Results

RT: 1.48
Area: 4368
Amount: 0.477994
Amount Units: ug/l



Manual Integration Results

RT: 1.48
Area: 4743
Amount: 0.514914
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:18:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

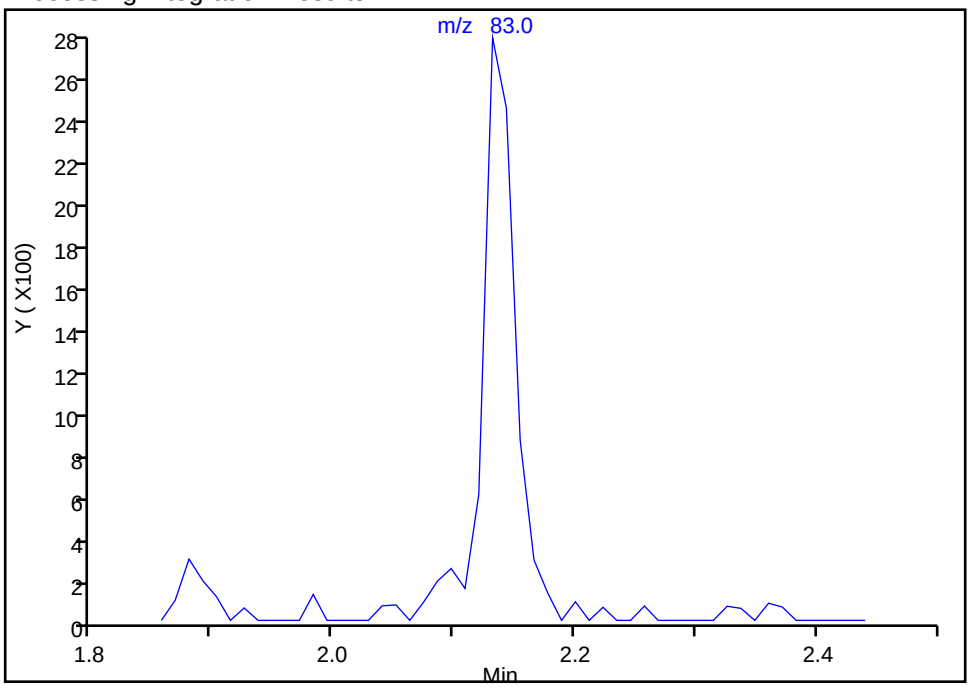
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Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

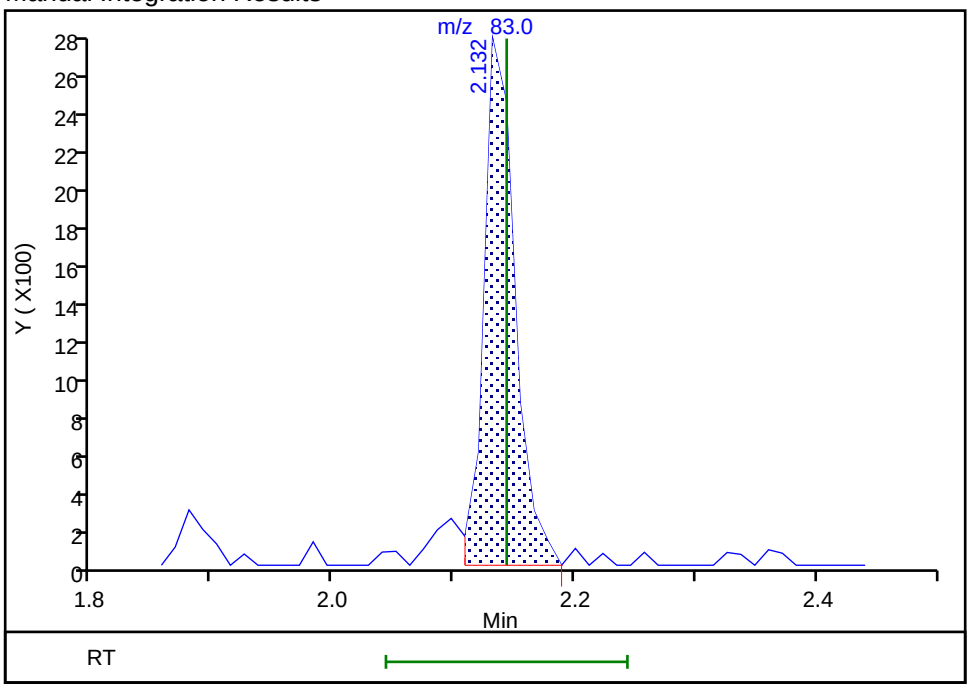
Not Detected
Expected RT: 2.14

Processing Integration Results



Manual Integration Results

RT: 2.13
Area: 4867
Amount: 0.511395
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:18:31
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

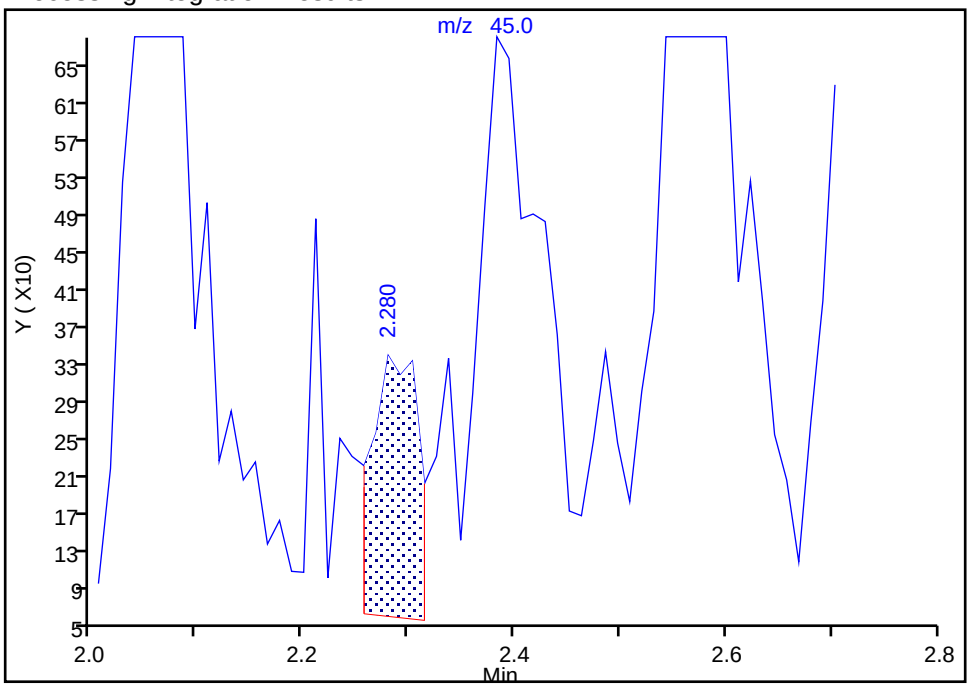
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Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

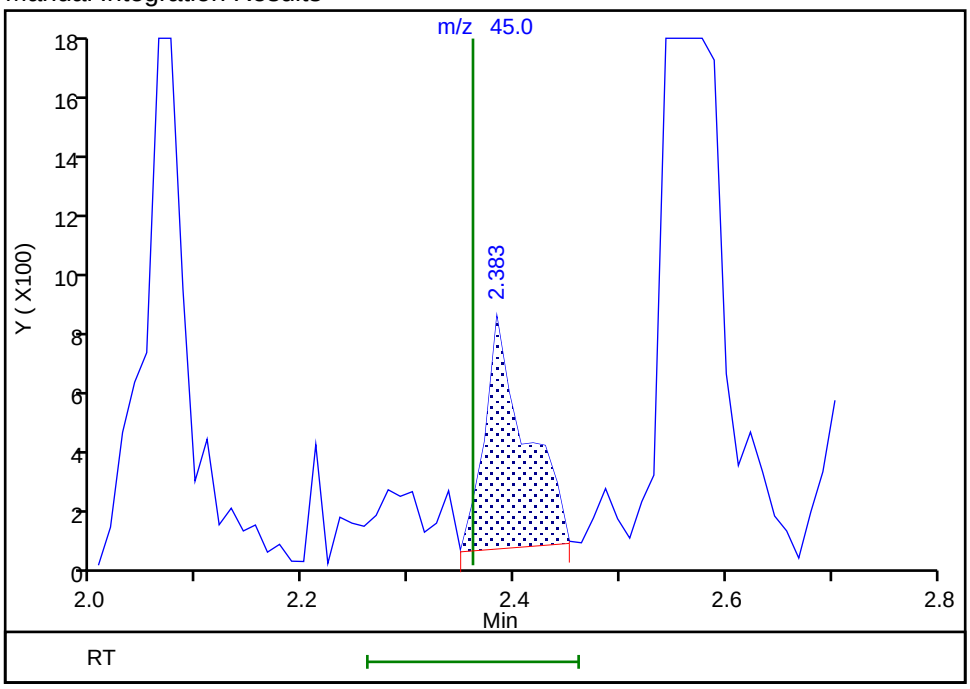
Processing Integration Results

RT: 2.28
Area: 894
Amount: 2.011885
Amount Units: ug/l



Manual Integration Results

RT: 2.38
Area: 2017
Amount: 4.936476
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:18:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

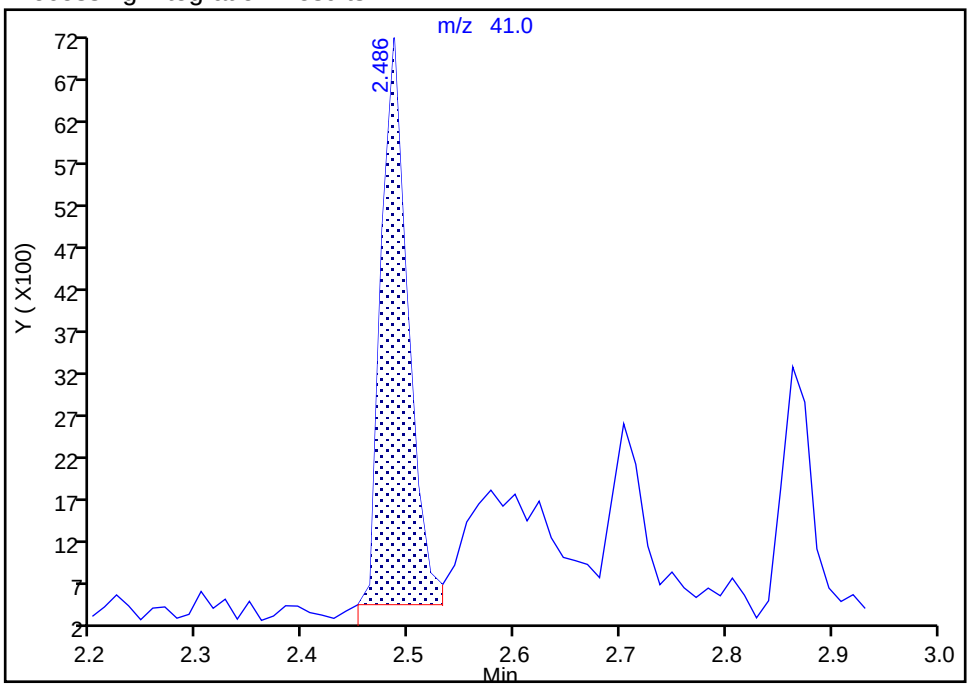
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Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

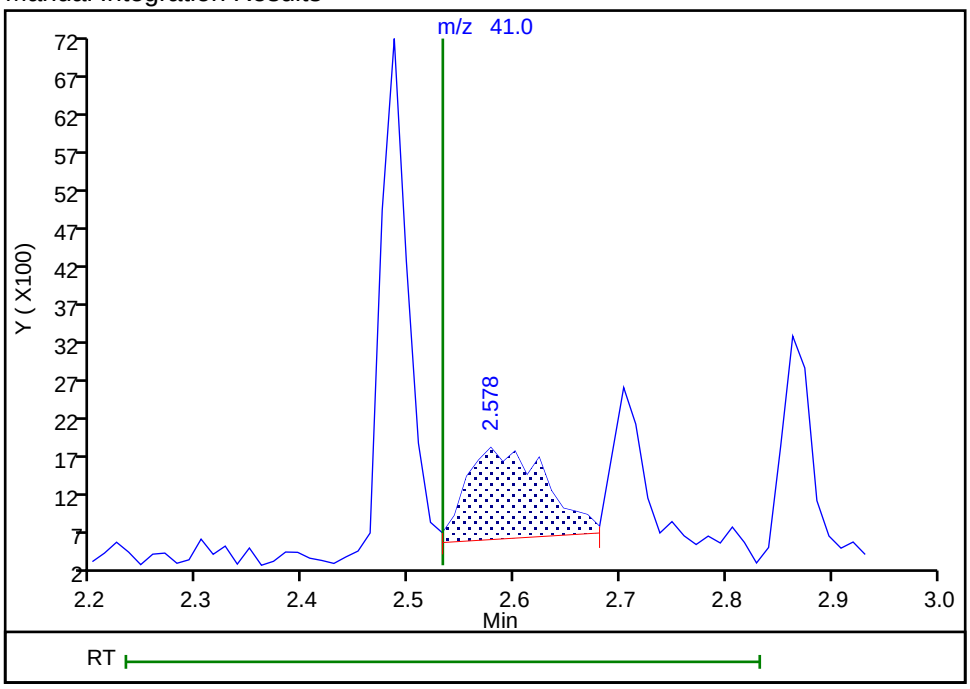
Processing Integration Results

RT: 2.49
Area: 11888
Amount: 9.307304
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 6314
Amount: 5.662188
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:19:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

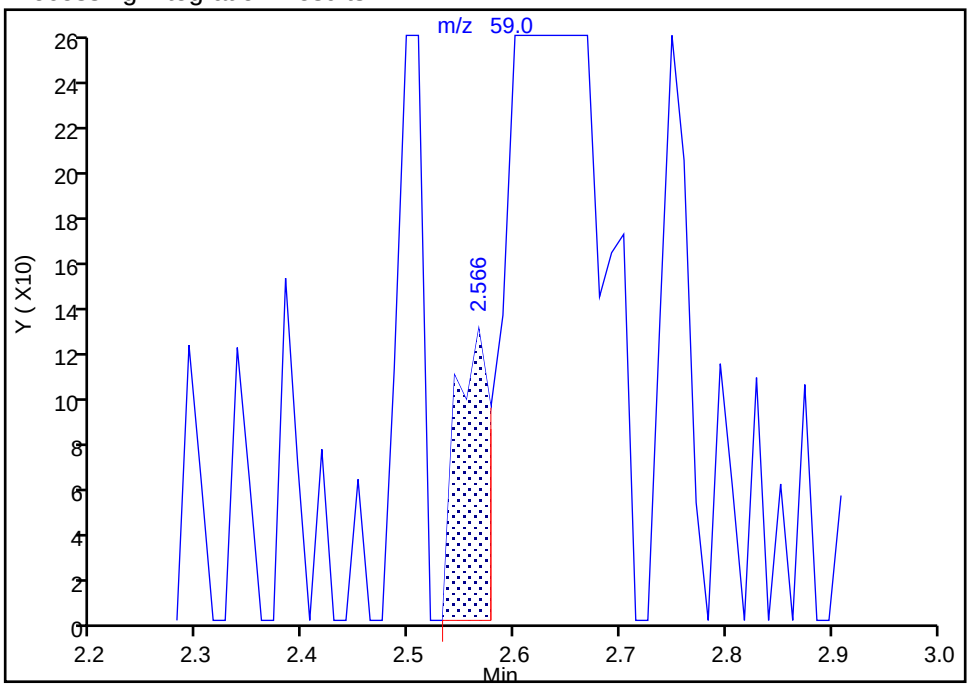
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Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

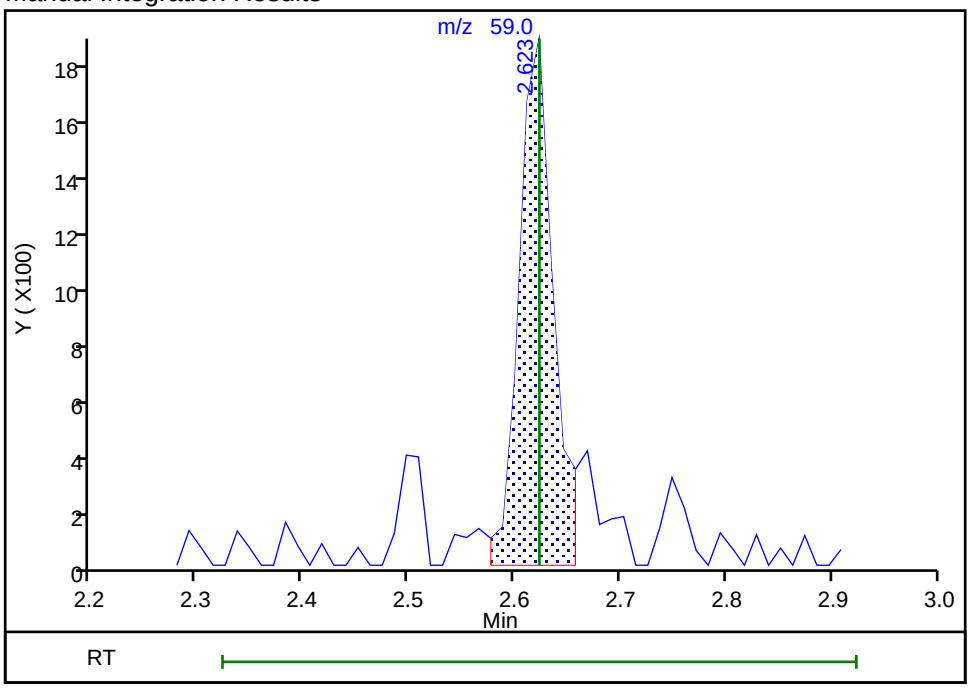
Processing Integration Results

RT: 2.57
Area: 287
Amount: 0.462614
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 4134
Amount: 5.757155
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:19:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

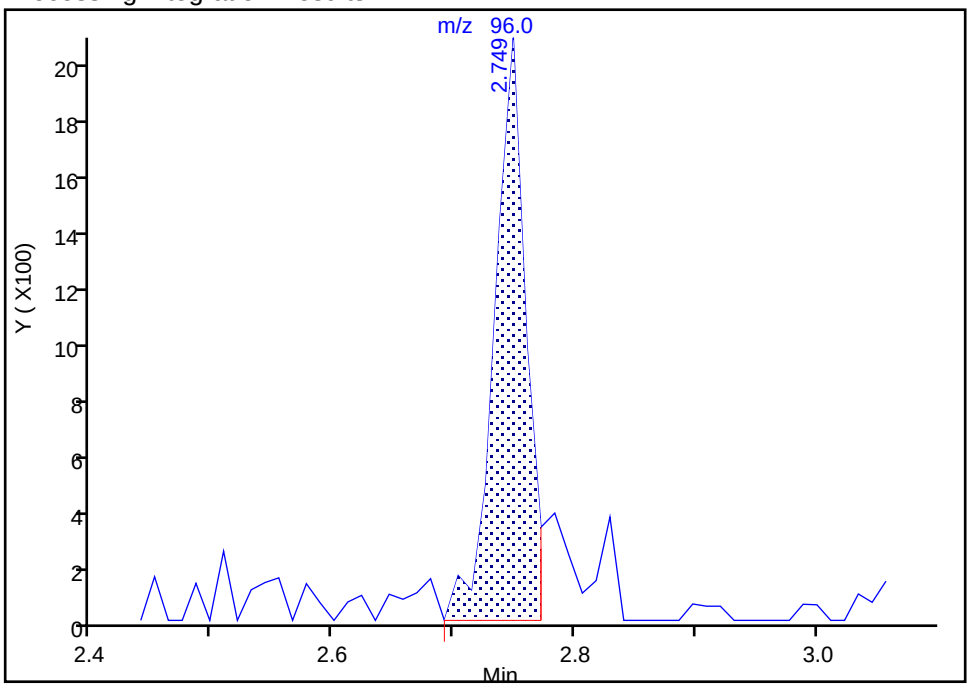
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25691.D
Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Signal: 1

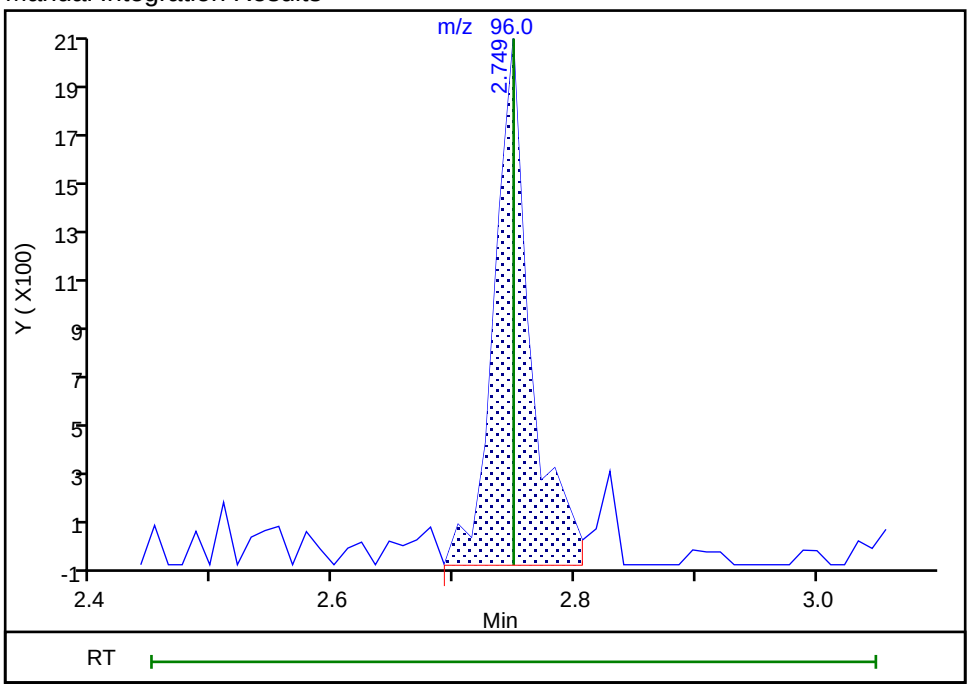
Processing Integration Results

RT: 2.75
Area: 3839
Amount: 0.589912
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 4349
Amount: 0.653644
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:19:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

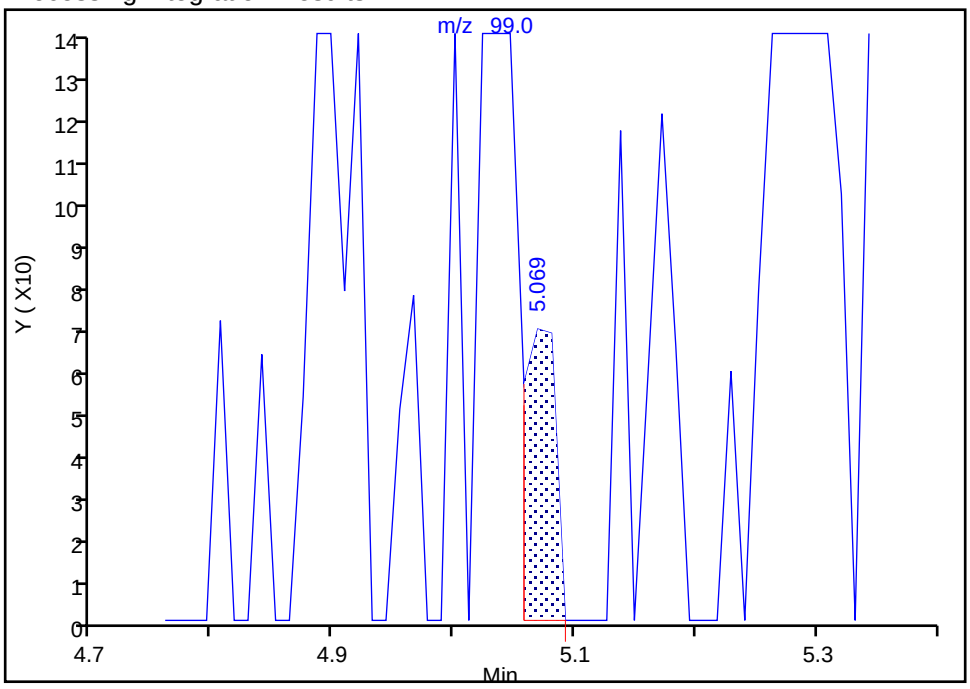
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25691.D
Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

71 Ethyl acrylate, CAS: 140-88-5

Signal: 1

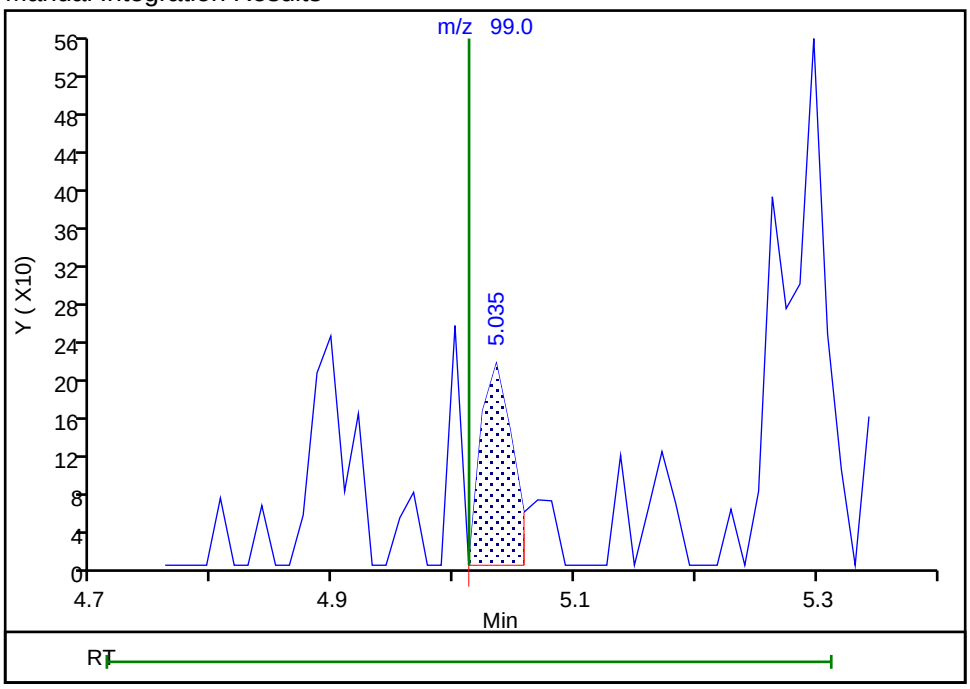
Processing Integration Results

RT: 5.07
Area: 132
Amount: 0.130991
Amount Units: ug/l



Manual Integration Results

RT: 5.03
Area: 394
Amount: 0.390975
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:19:54
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

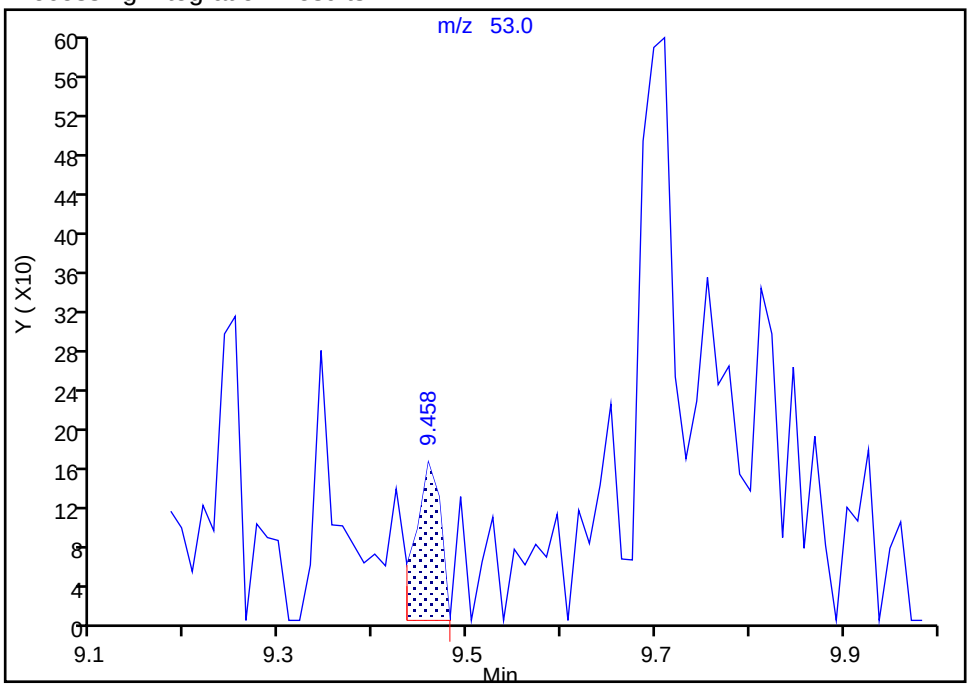
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25691.D
Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

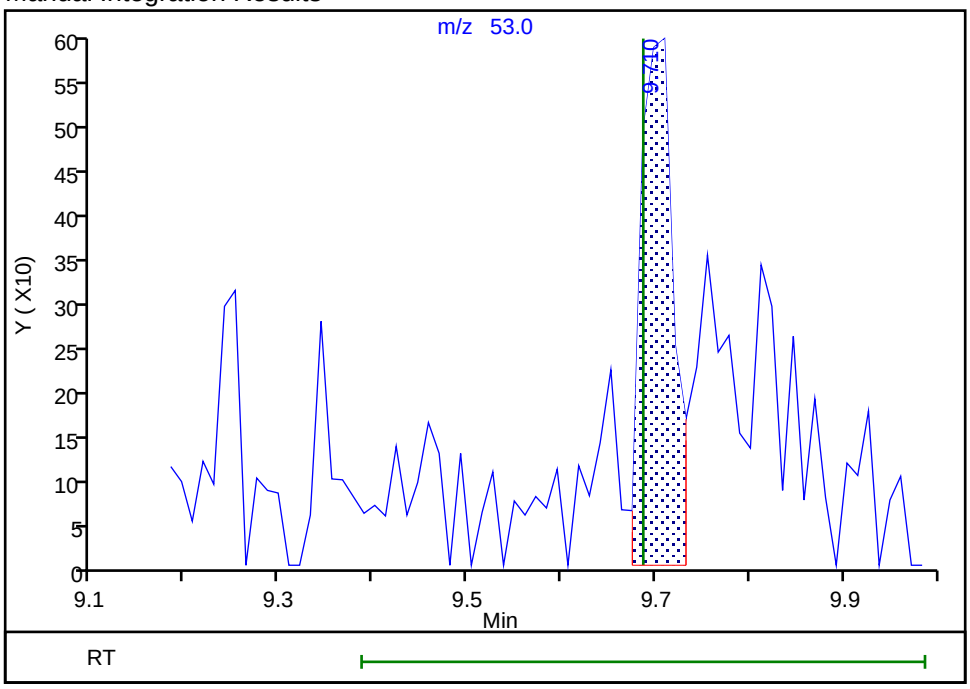
Processing Integration Results

RT: 9.46
Area: 302
Amount: 0.094708
Amount Units: ug/l



Manual Integration Results

RT: 9.71
Area: 1479
Amount: 0.451626
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:20:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

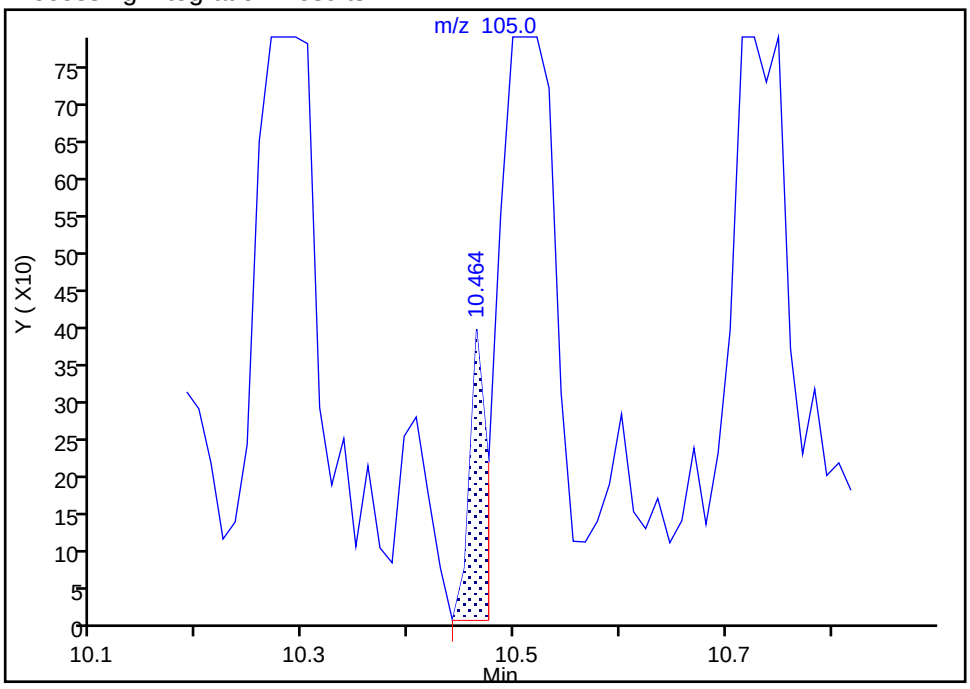
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25691.D
Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

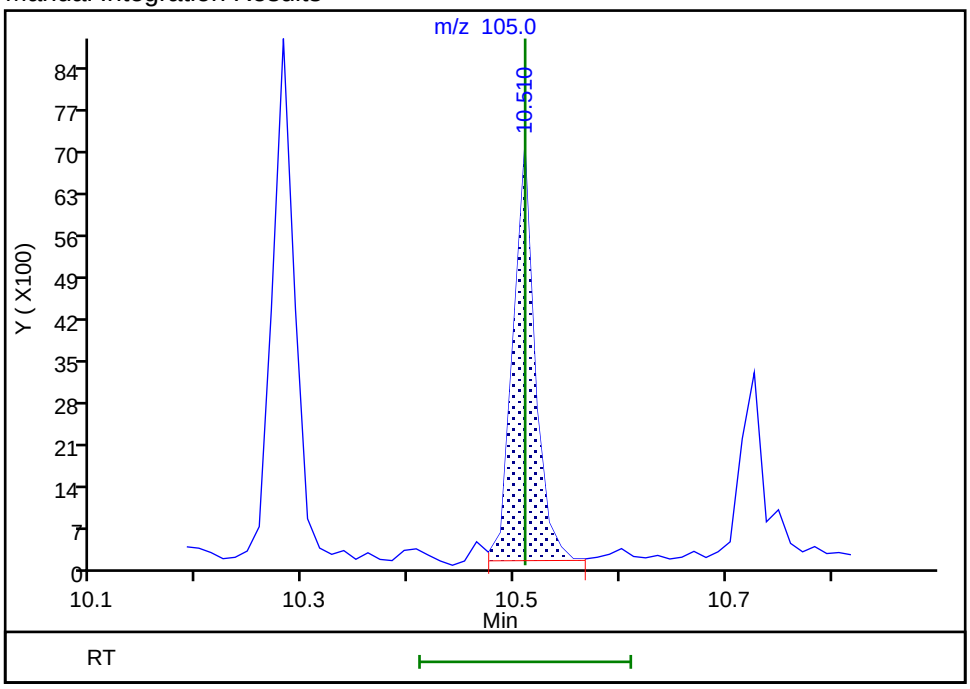
Processing Integration Results

RT: 10.46
Area: 466
Amount: 0.019648
Amount Units: ug/l



Manual Integration Results

RT: 10.51
Area: 10087
Amount: 0.465990
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:20:44
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

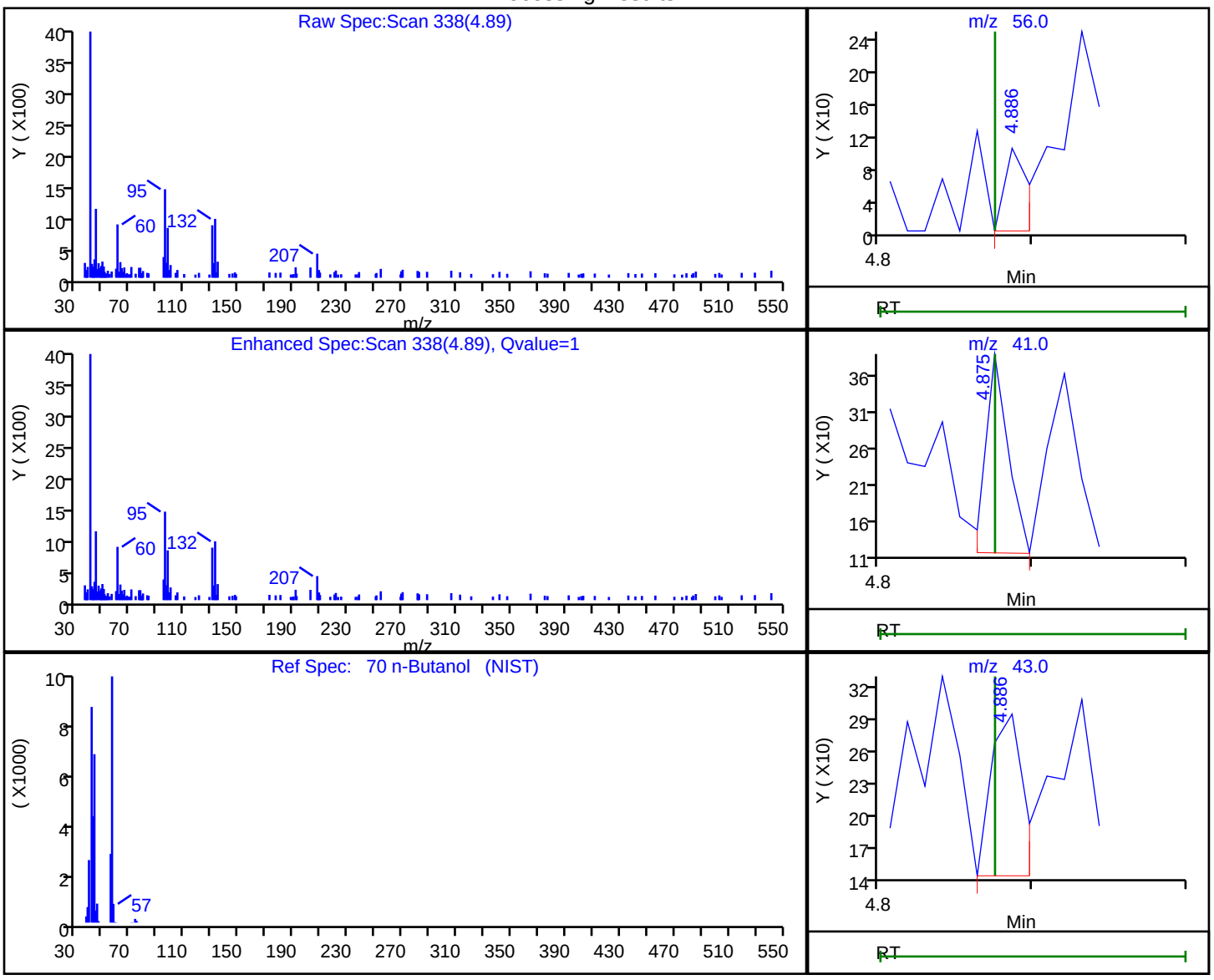
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25691.D
Injection Date: 01-Oct-2022 16:14:30 Instrument ID: CVOAMS7
Lims ID: STD05
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
4.89	56.00	107	0.982277
4.87	41.00	280	
4.89	43.00	215	

Reviewer: W9CM, 02-Oct-2022 09:19:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25692.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Oct-2022 16:35:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0151144-005
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:11:41 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: W9CM Date: 02-Oct-2022 09:17:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	65	974	1.00	1.61	a
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	62	1813	1.00	0.9887	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	81	5229	1.00	1.17	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	98	7811	1.00	0.9403	
2 Chlorodifluoromethane	67	1.332	1.309	0.023	93	1754	1.00	1.16	M
6 Chloromethane	50	1.435	1.435	0.000	99	14849	1.00	1.11	
7 Vinyl chloride	62	1.480	1.481	0.000	99	10077	1.00	1.07	
8 Butadiene	54	1.503	1.492	0.011	92	10594	1.00	0.9453	
9 Bromomethane	94	1.698	1.698	0.000	96	3018	1.00	0.9280	
10 Chloroethane	64	1.766	1.755	0.011	97	6373	1.00	1.07	
11 Dichlorofluoromethane	67	1.880	1.881	-0.001	97	15269	1.00	1.07	
12 Trichlorofluoromethane	101	1.903	1.892	0.011	97	8343	1.00	0.8948	
13 Pentane	72	1.926	1.926	0.000	98	3002	2.00	1.83	
17 Ethanol	46	2.063	2.029	0.034	84	1934	40.0	68.2	
14 Ethyl ether	74	2.075	2.063	0.012	87	5533	1.00	1.09	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	92	9257	1.00	0.9358	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	78	5594	1.00	1.09	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	96	9985	1.00	1.03	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.201	-0.001	90	4988	1.00	0.8562	
52 Acrolein	56	2.223	2.212	0.011	27	6022	4.00	3.94	M
20 1,1-Dichloroethene	96	2.235	2.235	0.000	90	5310	1.00	0.9079	
23 Acetone	43	2.303	2.292	0.011	86	19776	5.00	7.95	
21 Iodomethane	142	2.360	2.361	-0.001	22	935	1.00	0.2059	
24 Isopropyl alcohol	45	2.383	2.361	0.022	44	4048	10.0	10.2	
22 Carbon disulfide	76	2.395	2.395	0.000	99	23227	1.00	1.01	
30 Methyl acetate	43	2.498	2.486	0.012	95	17324	2.00	1.84	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	91	5518	1.00	1.03	
25 Cyclopentene	67	2.509	2.509	0.000	94	21445	1.00	0.9444	
27 Acetonitrile	41	2.566	2.532	0.034	36	11464	10.0	10.5	a
* 28 TBA-d9 (IS)	66	2.566	2.555	0.011	97	44660	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	2.589	2.589	0.000	93	7596	1.00	1.10	
31 2-Methyl-2-propanol	59	2.623	2.623	0.000	95	8007	10.0	11.5	a
32 Methyl tert-butyl ether	73	2.715	2.703	0.012	95	22785	1.00	0.9618	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	92	6793	1.00	1.00	
35 Acrylonitrile	53	2.806	2.795	0.011	94	40779	10.0	9.72	
36 Hexane	57	2.863	2.863	0.000	92	11612	1.00	0.8414	
37 Isopropyl ether	45	3.035	3.035	0.000	97	36433	1.00	0.9865	
38 1,1-Dichloroethane	63	3.081	3.081	0.000	98	16915	1.00	1.04	
40 Vinyl acetate	86	3.103	3.081	0.022	100	2906	2.00	1.83	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	93	5914	1.00	0.9341	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	87	28082	1.00	1.00	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	637726	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.504	-0.001	43	3073	1.00	0.9754	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	86	7137	1.00	1.01	
44 2-Butanone (MEK)	72	3.549	3.538	0.011	96	6079	5.00	5.72	
47 Ethyl acetate	70	3.549	3.538	0.011	91	2171	2.00	2.14	
46 Methyl acrylate	55	3.618	3.595	0.023	60	5770	1.00	0.6619	
48 Propionitrile	54	3.686	3.664	0.022	93	14148	10.0	9.24	
49 Chlorobromomethane	128	3.743	3.744	-0.001	89	2435	1.00	0.9271	
50 Tetrahydrofuran	72	3.766	3.744	0.022	34	2582	2.00	2.09	
54 Methacrylonitrile	67	3.766	3.755	0.011	98	36866	10.0	9.27	
51 Chloroform	83	3.801	3.789	0.012	96	13504	1.00	1.08	
53 Cyclohexane	84	3.915	3.915	0.000	97	10763	1.00	0.9327	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	92	9950	1.00	0.9576	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	176268	50.0	51.3	
57 Carbon tetrachloride	117	4.041	4.041	0.000	94	8241	1.00	1.00	
58 1,1-Dichloropropene	75	4.075	4.064	0.011	85	10960	1.00	0.9880	
61 Isobutyl alcohol	43	4.224	4.201	0.023	47	10915	25.0	16.6	
64 Isooctane	57	4.224	4.212	0.012	99	25583	1.00	0.9192	
59 Benzene	78	4.258	4.258	0.000	97	32284	1.00	1.02	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	95	287847	50.0	52.1	
66 Isopropyl acetate	87	4.315	4.304	0.011	92	6900	1.00	1.03	
62 Tert-amyl methyl ether	73	4.304	4.304	0.000	72	25339	1.00	1.03	
63 1,2-Dichloroethane	62	4.349	4.349	0.000	92	11105	1.00	1.01	
65 n-Heptane	57	4.406	4.395	0.011	96	5960	1.00	0.9566	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	736467	50.0	50.0	
69 Trichloroethene	95	4.898	4.887	0.011	91	6751	1.00	0.9792	
71 Ethyl acrylate	99	5.035	5.012	0.023	87	508	1.00	0.4941	
72 Methylcyclohexane	83	5.012	5.012	0.000	85	10450	1.00	0.8667	
73 1,2-Dichloropropane	63	5.184	5.172	0.012	88	9988	1.00	1.05	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	80	23464	1000.0	1000.0	
74 Methyl methacrylate	100	5.264	5.252	0.012	97	3585	2.00	1.92	
78 1,4-Dioxane	88	5.309	5.298	0.011	43	2965	50.0	51.9	M
77 n-Propyl acetate	43	5.344	5.321	0.023	95	14829	1.00	0.8244	
75 Dibromomethane	93	5.321	5.321	0.000	85	4362	1.00	1.04	
76 Dichlorobromomethane	83	5.481	5.481	0.000	96	9358	1.00	1.00	
34 2-Nitropropane	41	5.824	5.812	0.012	81	6516	2.00	1.92	
79 2-Chloroethyl vinyl ether	63	5.847	5.835	0.012	85	4706	1.00	0.8363	
80 Epichlorohydrin	57	5.961	5.938	0.023	98	17385	20.0	18.0	
81 cis-1,3-Dichloropropene	75	6.007	6.007	0.000	93	11473	1.00	0.9219	
84 4-Methyl-2-pentanone (MIBK)	43	6.178	6.167	0.011	97	45103	5.00	4.07	
$ 82 Toluene-d8 (Surr)	98	6.258	6.258	0.000	97	844578	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	6.338	6.338	0.000	92	29672	1.00	1.00	
85 trans-1,3-Dichloropropene	75	6.761	6.738	0.023	90	10225	1.00	0.9000	
86 Ethyl methacrylate	69	6.784	6.772	0.012	90	6803	1.00	0.7306	
87 1,1,2-Trichloroethane	83	6.978	6.967	0.011	86	5465	1.00	1.01	
88 Tetrachloroethene	166	7.012	7.012	0.000	90	5447	1.00	1.04	
89 1,3-Dichloropropane	76	7.207	7.207	0.000	87	11599	1.00	0.99	
91 2-Hexanone	43	7.310	7.275	0.035	97	26227	5.00	4.64	
92 n-Butyl acetate	43	7.447	7.424	0.023	98	16436	1.00	0.8850	
90 Chlorodibromomethane	129	7.470	7.458	0.012	93	5667	1.00	1.06	
93 Ethylene Dibromide	107	7.630	7.630	0.000	92	5067	1.00	0.9437	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	96	437705	50.0	50.0	
95 Chlorobenzene	112	8.212	8.213	-0.001	95	16562	1.00	1.03	
97 Ethylbenzene	106	8.315	8.304	0.011	98	8694	1.00	0.9729	
96 1,1,1,2-Tetrachloroethane	131	8.327	8.327	0.000	81	5240	1.00	1.03	
98 m-Xylene & p-Xylene	106	8.452	8.441	0.011	98	10647	1.00	0.9856	
100 o-Xylene	106	8.887	8.876	0.011	91	10852	1.00	1.05	
99 n-Butyl acrylate	73	8.898	8.887	0.011	78	4128	1.00	0.9565	
101 Styrene	104	8.921	8.910	0.011	94	13540	1.00	0.8258	
102 Amyl acetate (mixed isomers)	43	9.127	9.116	0.011	87	15427	1.00	0.8128	
103 Bromoform	173	9.127	9.127	0.000	53	3262	1.00	0.9847	
104 Isopropylbenzene	105	9.253	9.241	0.012	98	23769	1.00	0.9014	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	170760	50.0	51.4	
107 Bromobenzene	156	9.573	9.573	0.000	84	5576	1.00	1.04	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	95	7986	1.00	0.9719	
109 N-Propylbenzene	91	9.641	9.641	0.000	97	33524	1.00	1.03	
115 1,2,3-Trichloropropane	110	9.675	9.664	0.011	91	2078	1.00	0.9560	
112 trans-1,4-Dichloro-2-butene	53	9.698	9.687	0.011	69	2946	1.00	0.9121	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	21914	1.00	0.9866	
113 4-Ethyltoluene	105	9.755	9.756	-0.001	96	24787	1.00	0.9711	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	91	21271	1.00	1.01	
110 4-Chlorotoluene	91	9.858	9.847	0.011	98	19272	1.00	0.9265	
117 Butyl Methacrylate	87	9.927	9.916	0.011	90	6574	1.00	1.04	
118 tert-Butylbenzene	119	10.087	10.087	0.000	85	16184	1.00	0.9271	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	98	19377	1.00	0.9134	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	22882	1.00	0.9225	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	96	18802	1.00	0.9523	
122 1,3-Dichlorobenzene	146	10.418	10.407	0.011	85	9177	1.00	0.9225	
* 106 1,4-Dichlorobenzene-d4	152	10.476	10.476	0.000	96	192225	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.498	10.487	0.011	89	10671	1.00	1.02	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	96	20828	1.00	0.9755	
125 Benzyl chloride	91	10.613	10.613	0.000	96	12274	1.00	0.8018	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	92	20229	1.00	1.02	
126 p-Diethylbenzene	119	10.727	10.716	0.011	91	9587	1.00	0.9264	
127 n-Butylbenzene	92	10.750	10.739	0.011	98	11449	1.00	1.02	
128 1,2-Dichlorobenzene	146	10.807	10.796	0.011	85	9289	1.00	0.9702	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	95	14508	1.00	0.8624	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	44	1550	1.00	1.14	
132 1,3,5-Trichlorobenzene	180	11.539	11.539	-0.001	92	5690	1.00	0.9292	
131 1,2,4-Trichlorobenzene	180	12.007	12.007	0.000	85	6064	1.00	1.06	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	82	2448	1.00	1.07	
134 Naphthalene	128	12.190	12.179	0.011	97	13834	1.00	0.8739	
135 1,2,3-Trichlorobenzene	180	12.361	12.350	0.011	90	5245	1.00	1.09	

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	2.01	
S 137 Xylenes, Total	100				0		2.00	2.03	
S 138 1,3-Dichloropropene, Total	1				0		2.00	1.82	
S 139 Total BTEX	1				0		5.00	5.02	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

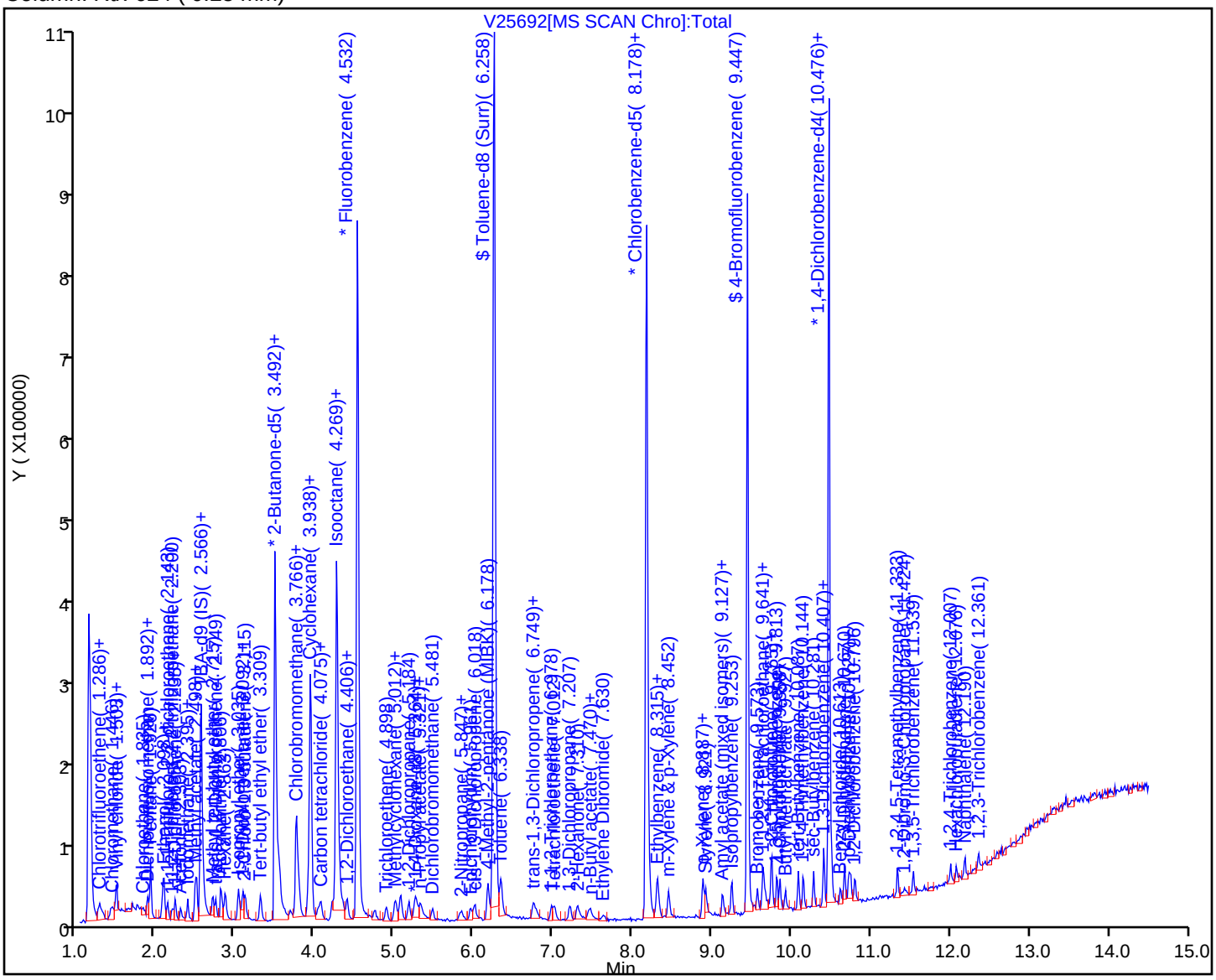
Reagents:

GASES Li_00496	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00159	Amount Added: 10.00	Units: uL		
524freon_00057	Amount Added: 10.00	Units: uL		
ACROLEIN W_00144	Amount Added: 4.00	Units: uL		
14DIOXINTER_00146	Amount Added: 30.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 02-Oct-2022 10:11:43 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25692.D
Injection Date: 01-Oct-2022 16:35:30 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)



Manual Integration/User Assign Peak Report

Eurofins Edison

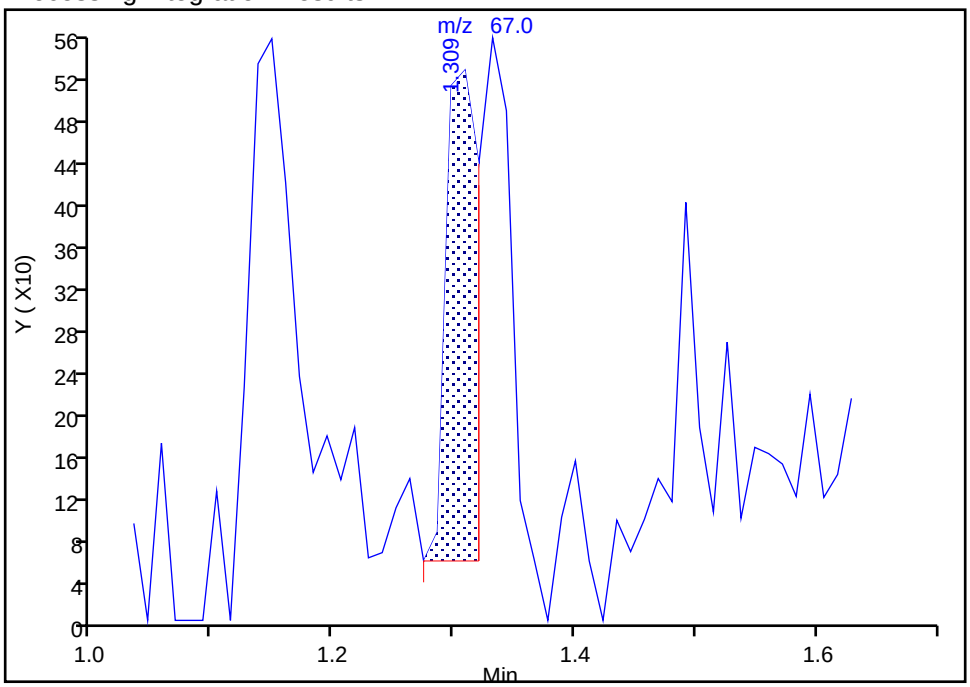
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Injection Date: 01-Oct-2022 16:35:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

2 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

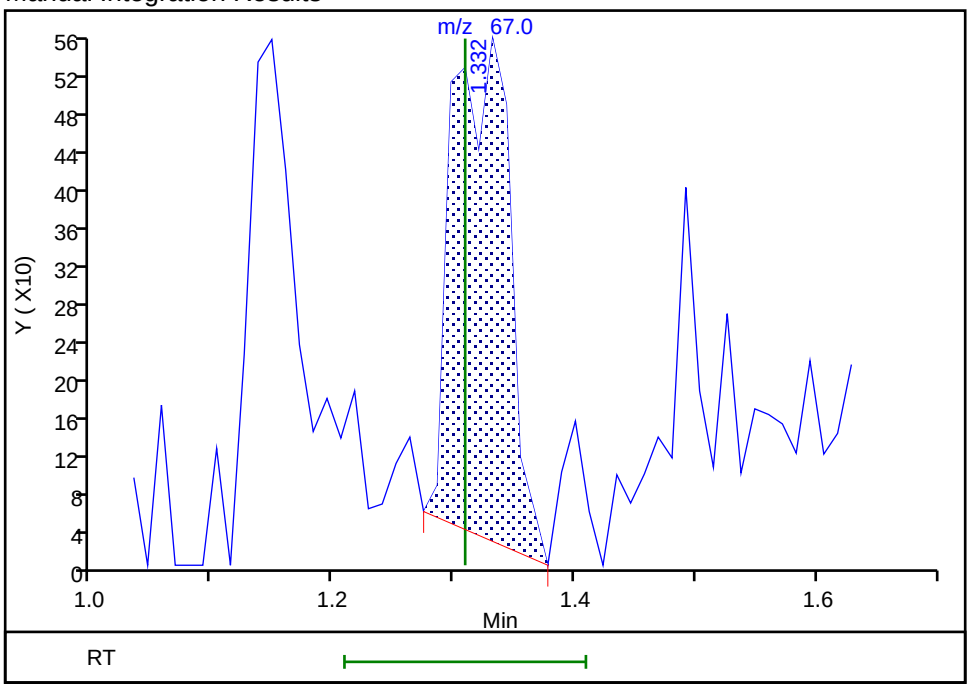
Processing Integration Results

RT: 1.31
Area: 916
Amount: 0.697390
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 1754
Amount: 1.159060
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:15:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

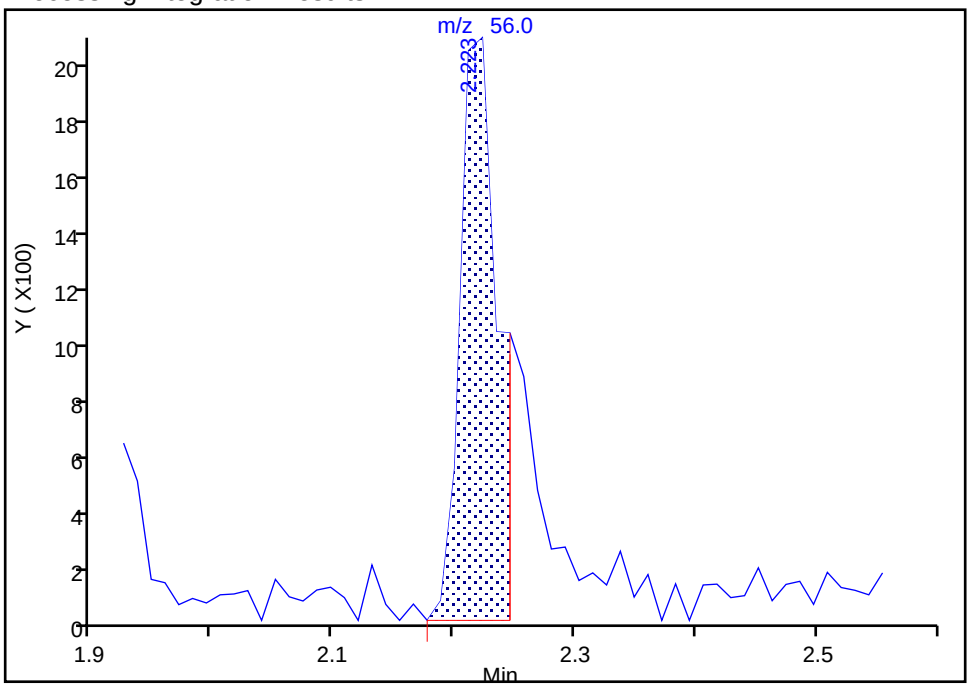
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Injection Date: 01-Oct-2022 16:35:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

52 Acrolein, CAS: 107-02-8

Signal: 1

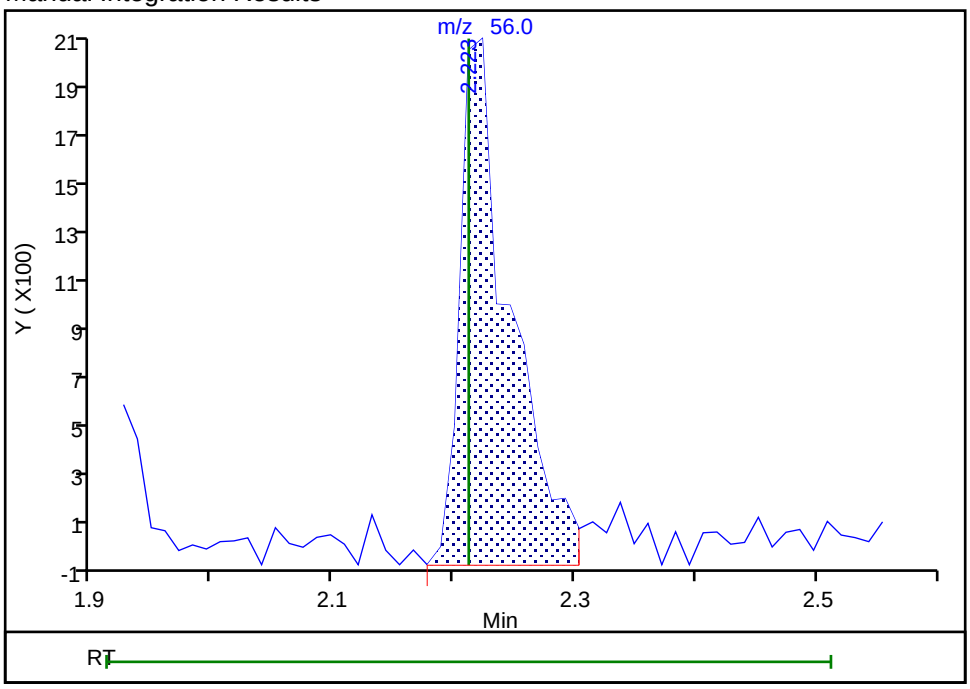
Processing Integration Results

RT: 2.22
Area: 4642
Amount: 3.139148
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 6022
Amount: 3.941020
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:16:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

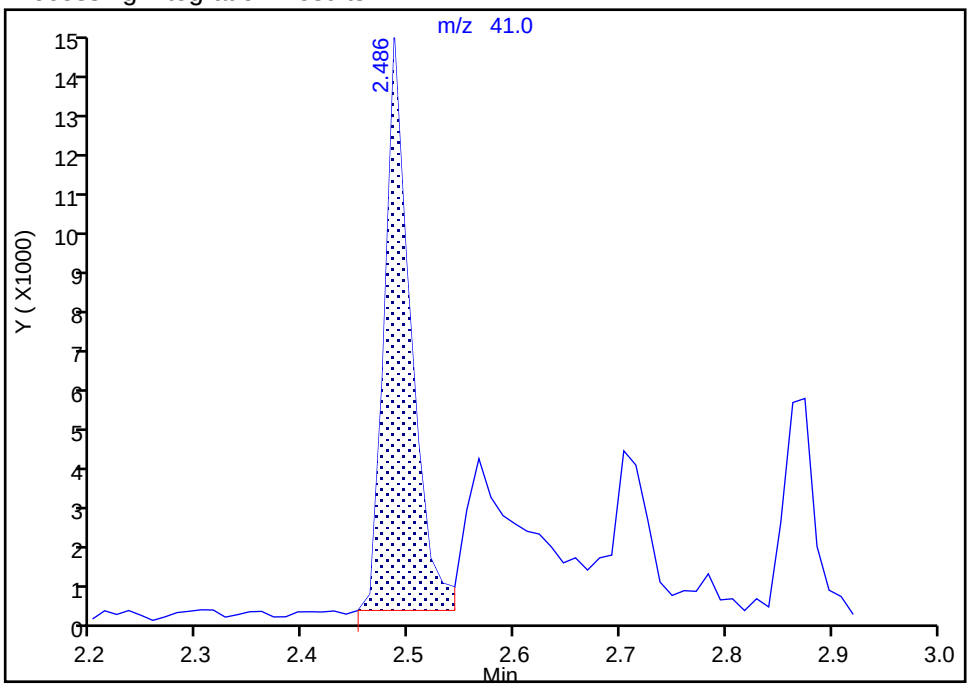
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Injection Date: 01-Oct-2022 16:35:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

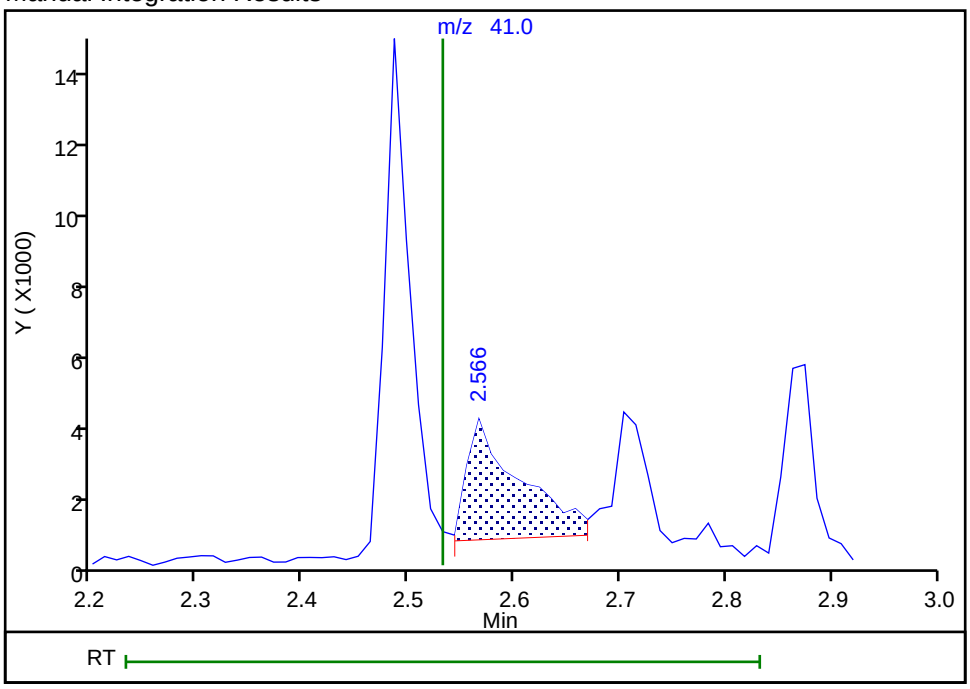
Processing Integration Results

RT: 2.49
Area: 24004
Amount: 26.281116
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 11464
Amount: 10.493991
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:16:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

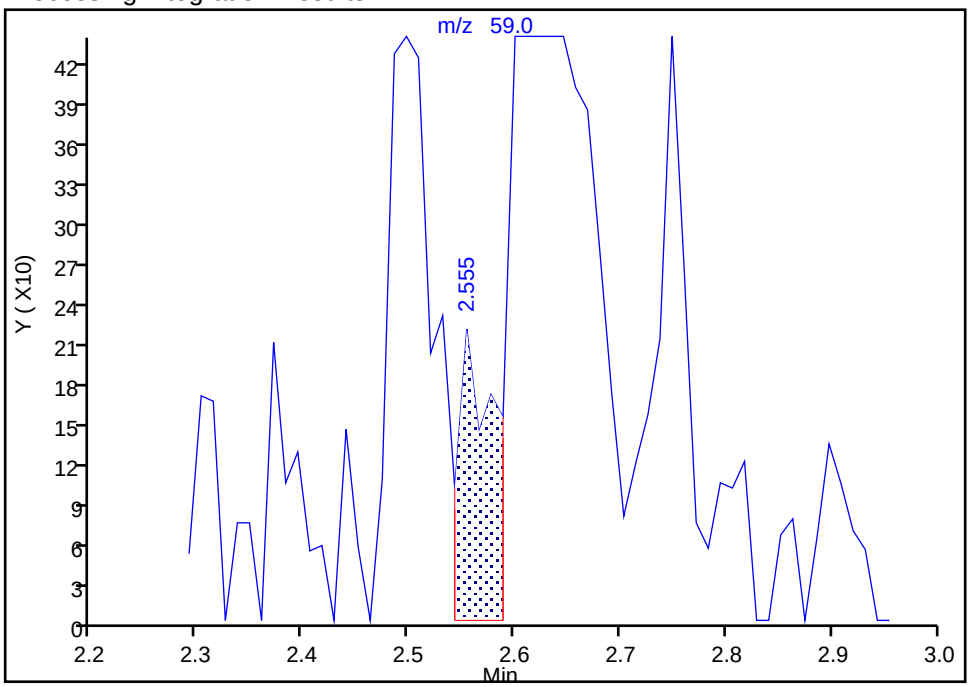
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Injection Date: 01-Oct-2022 16:35:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

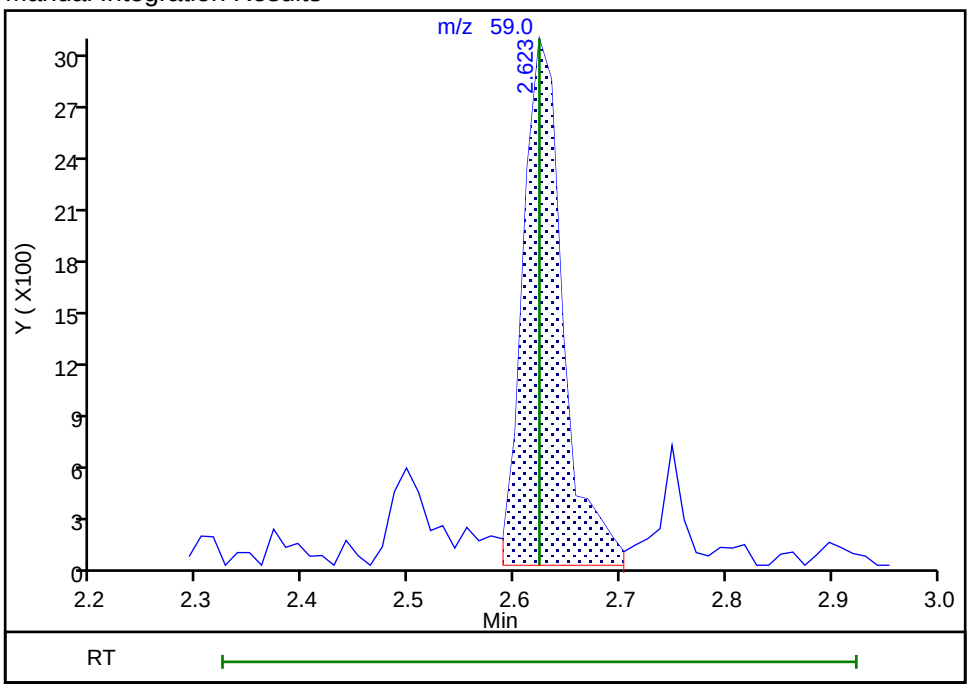
Processing Integration Results

RT: 2.55
Area: 534
Amount: 0.888273
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 8007
Amount: 11.506381
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:16:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

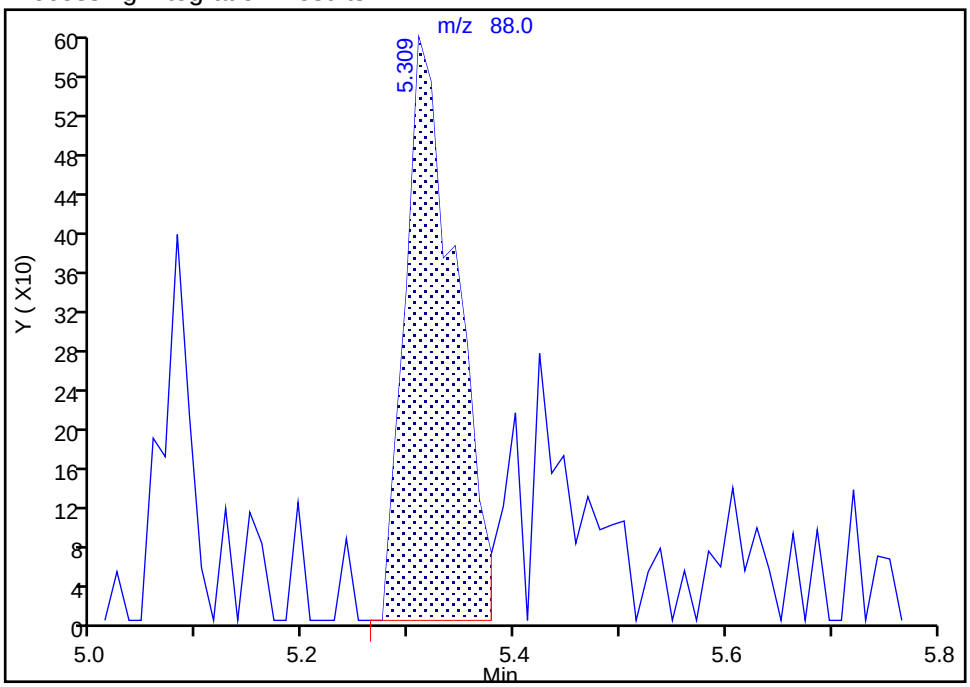
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Injection Date: 01-Oct-2022 16:35:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

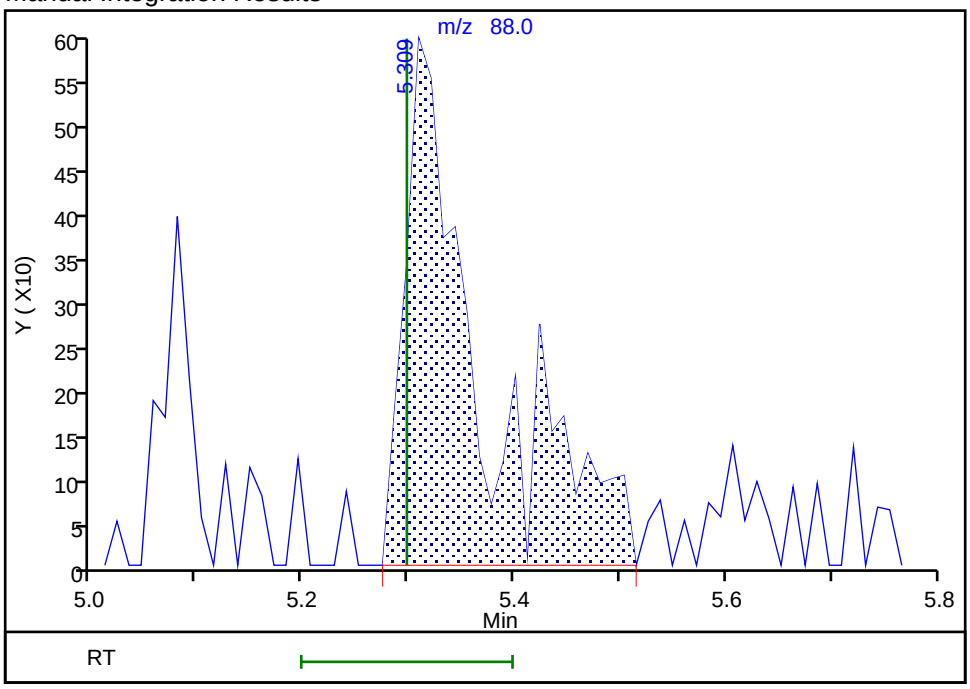
Processing Integration Results

RT: 5.31
Area: 1990
Amount: 36.719721
Amount Units: ug/l



Manual Integration Results

RT: 5.31
Area: 2965
Amount: 51.908546
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:46:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25693.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 01-Oct-2022 16:56:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0151144-006
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:11:50 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: W9CM Date: 02-Oct-2022 09:14:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	68	3493	5.00	5.63	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	90	8968	5.00	4.78	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	89	25047	5.00	5.46	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	44990	5.00	5.29	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	98	9164	5.00	5.92	
6 Chloromethane	50	1.423	1.423	0.000	99	72046	5.00	5.26	
7 Vinyl chloride	62	1.480	1.480	0.000	98	52661	5.00	5.48	
8 Butadiene	54	1.492	1.492	0.000	90	64309	5.00	5.61	
9 Bromomethane	94	1.698	1.698	0.000	94	18036	5.00	5.42	
10 Chloroethane	64	1.755	1.755	0.000	98	31750	5.00	5.20	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	98	75946	5.00	5.20	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	95	50320	5.00	5.28	
13 Pentane	72	1.926	1.926	0.000	97	16290	10.0	9.73	
17 Ethanol	46	2.029	2.029	0.000	93	7994	200.0	281.4	
14 Ethyl ether	74	2.063	2.063	0.000	92	25894	5.00	4.99	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	93	52429	5.00	5.18	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	97	26614	5.00	5.05	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	96	53674	5.00	5.40	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.200	0.000	92	31404	5.00	5.27	
52 Acrolein	56	2.212	2.212	0.000	95	33666	20.0	21.5	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	91	31051	5.00	5.19	
23 Acetone	43	2.303	2.303	0.000	86	101784	25.0	41.4	
21 Iodomethane	142	2.361	2.361	0.000	99	8221	5.00	1.77	
24 Isopropyl alcohol	45	2.372	2.372	0.000	27	23332	50.0	58.7	a
22 Carbon disulfide	76	2.395	2.395	0.000	100	124848	5.00	5.33	
30 Methyl acetate	43	2.486	2.486	0.000	93	107125	10.0	11.1	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	88	25864	5.00	4.73	
25 Cyclopentene	67	2.509	2.509	0.000	95	123809	5.00	5.33	
27 Acetonitrile	41	2.543	2.543	0.000	96	43103	50.0	40.1	
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	97	44802	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	2.589	2.589	0.000	94	39886	5.00	5.64	
31 2-Methyl-2-propanol	59	2.623	2.623	0.000	92	38076	50.0	54.5	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	95	121193	5.00	5.00	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	95	35163	5.00	5.06	
35 Acrylonitrile	53	2.795	2.795	0.000	95	244890	50.0	57.1	
36 Hexane	57	2.863	2.863	0.000	96	73826	5.00	5.23	
37 Isopropyl ether	45	3.035	3.035	0.000	97	202592	5.00	5.36	
38 1,1-Dichloroethane	63	3.081	3.081	0.000	99	89275	5.00	5.35	
40 Vinyl acetate	86	3.081	3.081	0.000	100	15850	10.0	10.1	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	93	31683	5.00	4.89	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	87	148199	5.00	5.15	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	100	627743	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	90	13067	5.00	5.29	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	88	38670	5.00	5.36	
44 2-Butanone (MEK)	72	3.549	3.549	0.000	94	26965	25.0	25.8	
47 Ethyl acetate	70	3.549	3.549	0.000	95	10495	10.0	10.5	
46 Methyl acrylate	55	3.606	3.606	0.000	97	41847	5.00	4.69	a
48 Propionitrile	54	3.663	3.663	0.000	97	80371	50.0	51.3	
49 Chlorobromomethane	128	3.744	3.744	0.000	89	14610	5.00	5.44	
50 Tetrahydrofuran	72	3.755	3.755	0.000	75	12585	10.0	9.95	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	214335	50.0	52.7	
51 Chloroform	83	3.789	3.789	0.000	95	67570	5.00	5.29	
53 Cyclohexane	84	3.915	3.915	0.000	98	61503	5.00	5.21	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	95	52463	5.00	4.94	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	94	172503	50.0	49.1	
57 Carbon tetrachloride	117	4.041	4.041	0.000	95	41723	5.00	4.95	
58 1,1-Dichloropropene	75	4.075	4.075	0.000	87	56845	5.00	5.01	
61 Isobutyl alcohol	43	4.212	4.212	0.000	55	82179	125.0	124.7	
64 Isooctane	57	4.212	4.212	0.000	95	138764	5.00	4.87	
59 Benzene	78	4.258	4.258	0.000	96	174729	5.00	5.46	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	95	275493	50.0	48.7	
66 Isopropyl acetate	87	4.304	4.304	0.000	94	34030	5.00	4.96	
62 Tert-amyl methyl ether	73	4.304	4.304	0.000	92	123232	5.00	4.90	
63 1,2-Dichloroethane	62	4.349	4.349	0.000	94	57092	5.00	5.06	
65 n-Heptane	57	4.395	4.395	0.000	97	30892	5.00	4.85	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	753415	50.0	50.0	
69 Trichloroethene	95	4.898	4.898	0.000	91	35208	5.00	4.99	
71 Ethyl acrylate	99	5.012	5.012	0.000	93	5051	5.00	4.80	
72 Methylcyclohexane	83	5.012	5.012	0.000	82	59791	5.00	4.85	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	86	48485	5.00	4.98	
* 68 1,4-Dioxane-d8	96	5.252	5.252	0.000	47	23358	1000.0	1000.0	
74 Methyl methacrylate	100	5.264	5.264	0.000	91	16908	10.0	8.84	
78 1,4-Dioxane	88	5.309	5.309	0.000	28	6105	100.0	107.4	
77 n-Propyl acetate	43	5.321	5.321	0.000	97	89871	5.00	4.88	
75 Dibromomethane	93	5.321	5.321	0.000	46	21033	5.00	4.91	
76 Dichlorobromomethane	83	5.481	5.481	0.000	97	46362	5.00	4.85	
34 2-Nitropropane	41	5.824	5.824	0.000	94	33447	10.0	9.62	
79 2-Chloroethyl vinyl ether	63	5.835	5.835	0.000	92	26972	5.01	4.69	
80 Epichlorohydrin	57	5.949	5.949	0.000	100	105384	100.0	110.7	
81 cis-1,3-Dichloropropene	75	6.007	6.007	0.000	97	66017	5.00	5.25	
84 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	310734	25.0	28.5	
$ 82 Toluene-d8 (Surr)	98	6.258	6.258	0.000	97	849224	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
83 Toluene	91	6.338	6.338	0.000	92	158583	5.00	5.29	
85 trans-1,3-Dichloropropene	75	6.750	6.750	0.000	93	57083	5.00	4.98	
86 Ethyl methacrylate	69	6.772	6.772	0.000	94	43127	5.00	4.59	
87 1,1,2-Trichloroethane	83	6.978	6.978	0.000	91	28769	5.00	5.27	
88 Tetrachloroethene	166	7.012	7.012	0.000	87	25991	5.00	4.94	
89 1,3-Dichloropropane	76	7.207	7.207	0.000	93	63194	5.00	5.35	
91 2-Hexanone	43	7.287	7.287	0.000	97	181539	25.0	26.1	
92 n-Butyl acetate	43	7.435	7.435	0.000	95	100291	5.00	5.35	
90 Chlorodibromomethane	129	7.458	7.458	0.000	95	26547	5.00	4.90	
93 Ethylene Dibromide	107	7.630	7.630	0.000	99	27404	5.00	5.06	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	95	441924	50.0	50.0	
95 Chlorobenzene	112	8.213	8.213	0.000	89	86115	5.00	5.31	
97 Ethylbenzene	106	8.304	8.304	0.000	99	44219	5.00	4.90	
96 1,1,1,2-Tetrachloroethane	131	8.327	8.327	0.000	90	25695	5.00	4.98	
98 m-Xylene & p-Xylene	106	8.453	8.453	0.000	98	57583	5.00	5.28	
100 o-Xylene	106	8.875	8.875	0.000	90	53747	5.00	5.13	
99 n-Butyl acrylate	73	8.887	8.887	0.000	94	25537	5.00	4.65	
101 Styrene	104	8.921	8.921	0.000	91	83994	5.00	5.07	
102 Amyl acetate (mixed isomers)	43	9.127	9.127	0.000	86	101911	5.00	5.27	
103 Bromoform	173	9.127	9.127	0.000	49	16614	5.00	4.97	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	141827	5.00	5.33	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	164480	50.0	49.0	
107 Bromobenzene	156	9.573	9.573	0.000	87	28090	5.00	5.14	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	97	43716	5.00	5.22	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	178808	5.00	5.39	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	94	11327	5.00	5.11	
112 trans-1,4-Dichloro-2-butene	53	9.698	9.698	0.000	65	16904	5.00	5.13	a
114 2-Chlorotoluene	91	9.744	9.744	0.000	97	118349	5.00	5.23	
113 4-Ethyltoluene	105	9.756	9.756	0.000	97	134552	5.00	5.17	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	91	105403	5.00	4.92	
110 4-Chlorotoluene	91	9.858	9.858	0.000	99	113970	5.00	5.38	
117 Butyl Methacrylate	87	9.916	9.916	0.000	91	34448	5.00	4.44	
118 tert-Butylbenzene	119	10.087	10.087	0.000	90	92297	5.00	5.19	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	98	112922	5.00	5.22	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	131274	5.00	5.19	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	96	99598	5.00	4.95	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	90	53078	5.00	5.23	
* 106 1,4-Dichlorobenzene-d4	152	10.476	10.476	0.000	97	195923	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.498	10.498	0.000	92	52681	5.00	4.96	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	98	114722	5.00	5.27	
125 Benzyl chloride	91	10.613	10.613	0.000	96	75950	5.00	4.87	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	93	104244	5.00	5.17	
126 p-Diethylbenzene	119	10.727	10.727	0.000	91	50897	5.00	4.83	
127 n-Butylbenzene	92	10.738	10.738	0.000	96	55342	5.00	4.82	
128 1,2-Dichlorobenzene	146	10.796	10.796	0.000	89	48150	5.00	4.93	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	95	80636	5.00	4.70	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	81	6705	5.00	4.83	
132 1,3,5-Trichlorobenzene	180	11.539	11.539	0.000	92	28096	5.00	4.50	
131 1,2,4-Trichlorobenzene	180	12.007	12.007	0.000	93	27470	5.00	4.73	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	89	11271	5.00	4.82	
134 Naphthalene	128	12.179	12.179	0.000	97	74947	5.00	4.64	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	92	22959	5.00	4.68	

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	10.4	
S 137 Xylenes, Total	100				0		10.0	10.4	
S 138 1,3-Dichloropropene, Total	1				0		10.0	10.2	
S 139 Total BTEX	1				0		25.0	26.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00144	Amount Added: 4.00	Units: uL		
524freon_00057	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00159	Amount Added: 10.00	Units: uL		
GASES Li_00496	Amount Added: 10.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 02-Oct-2022 10:11:51 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25693.D

Injection Date: 01-Oct-2022 16:56:30 Instrument ID: CVOAMS7

Lims ID: STD5

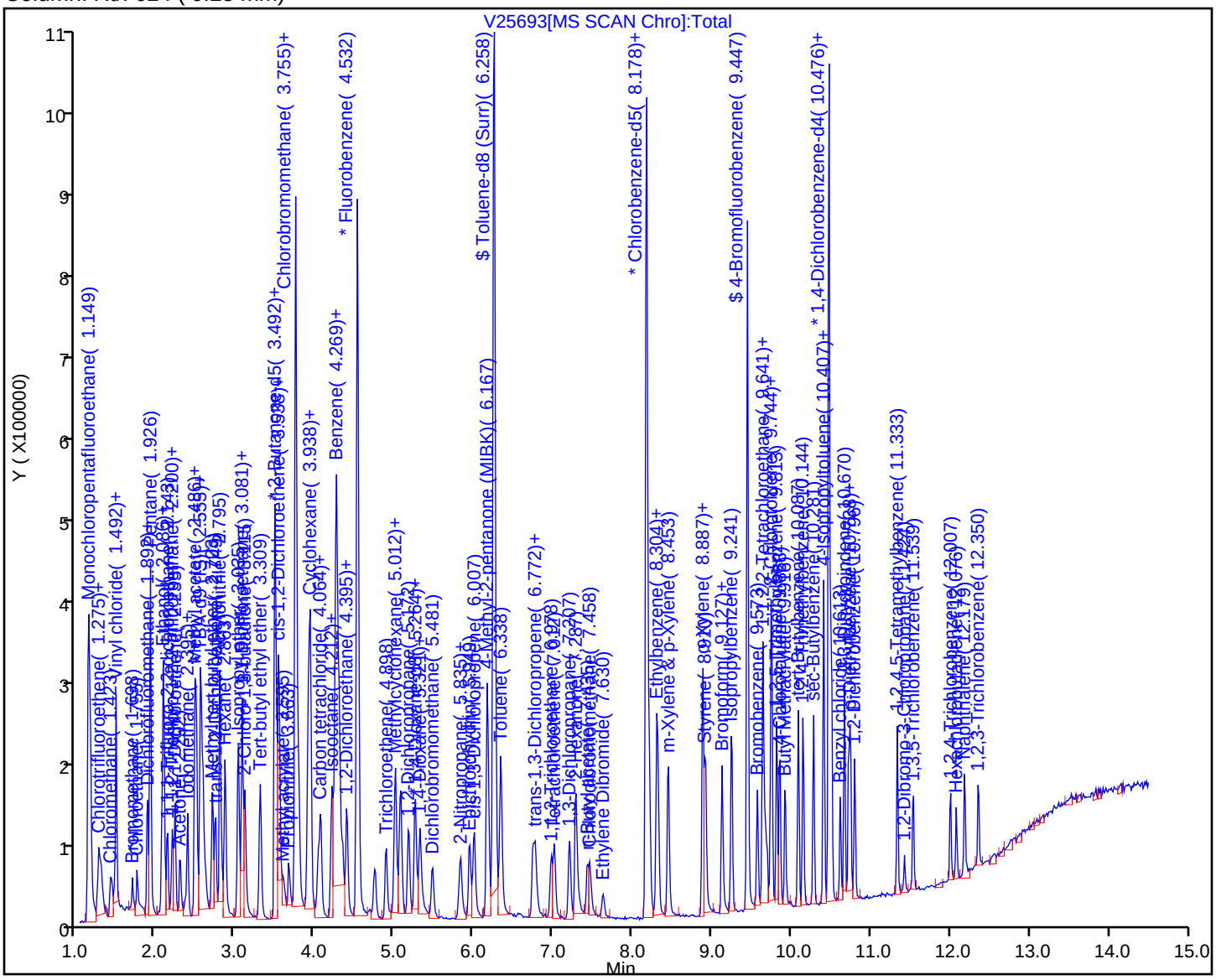
Client ID:

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)



Manual Integration/User Assign Peak Report

Eurofins Edison

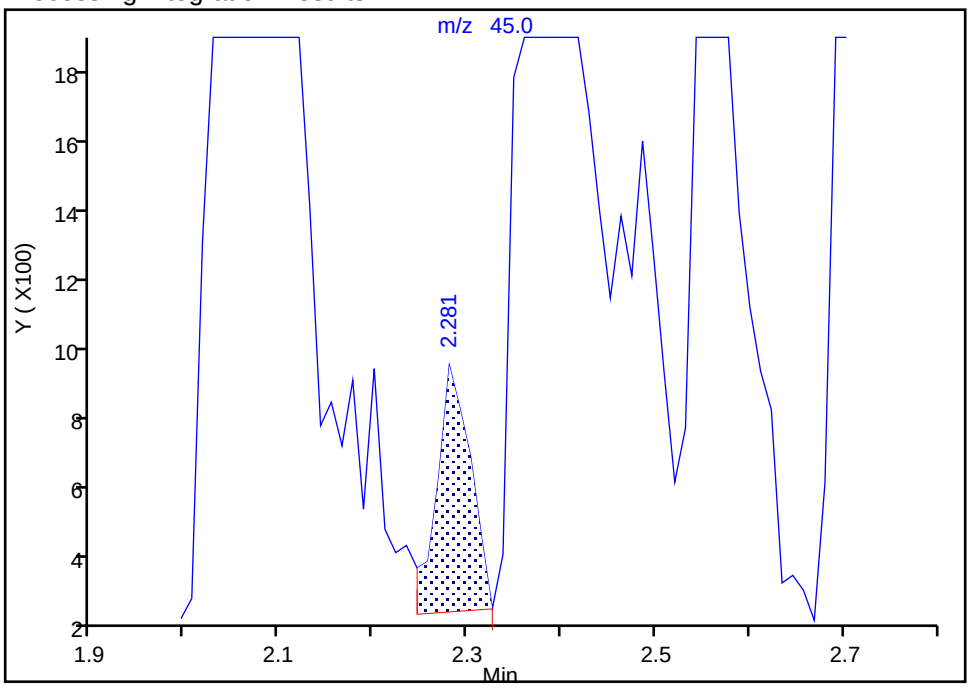
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Injection Date: 01-Oct-2022 16:56:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

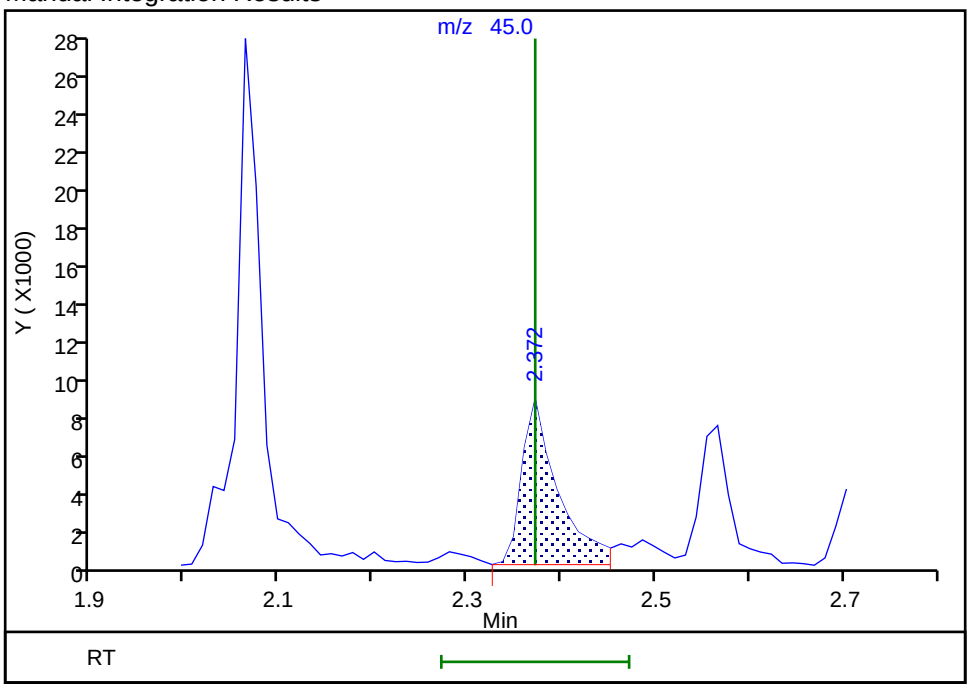
Processing Integration Results

RT: 2.28
Area: 1726
Amount: 5.672035
Amount Units: ug/l



Manual Integration Results

RT: 2.37
Area: 23332
Amount: 58.737560
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:13:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

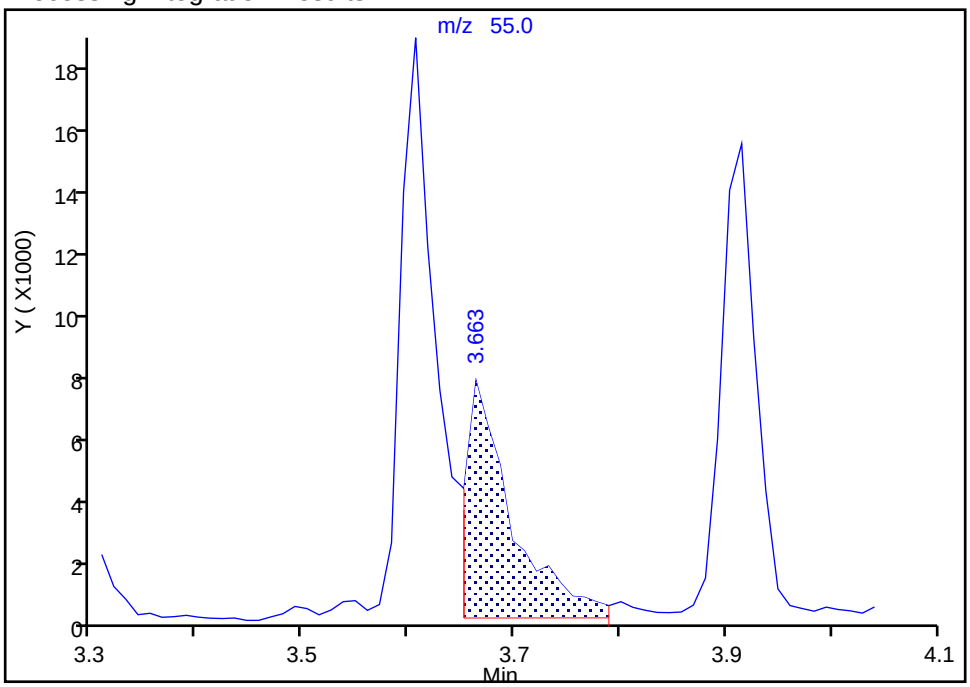
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Injection Date: 01-Oct-2022 16:56:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

46 Methyl acrylate, CAS: 96-33-3

Signal: 1

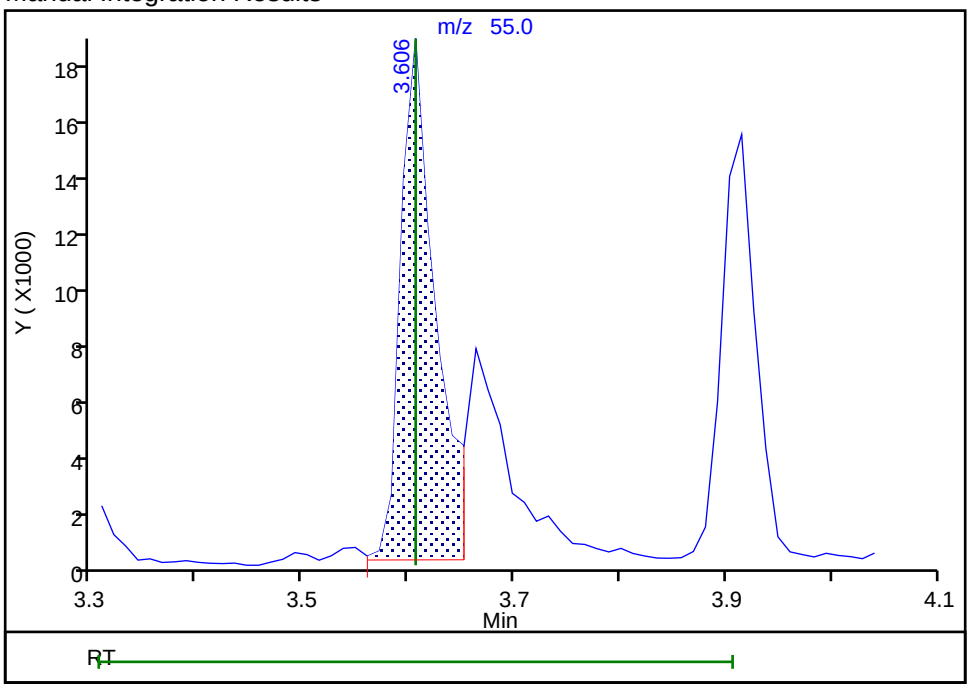
Processing Integration Results

RT: 3.66
Area: 22828
Amount: 2.409559
Amount Units: ug/l



Manual Integration Results

RT: 3.61
Area: 41847
Amount: 4.692583
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:13:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

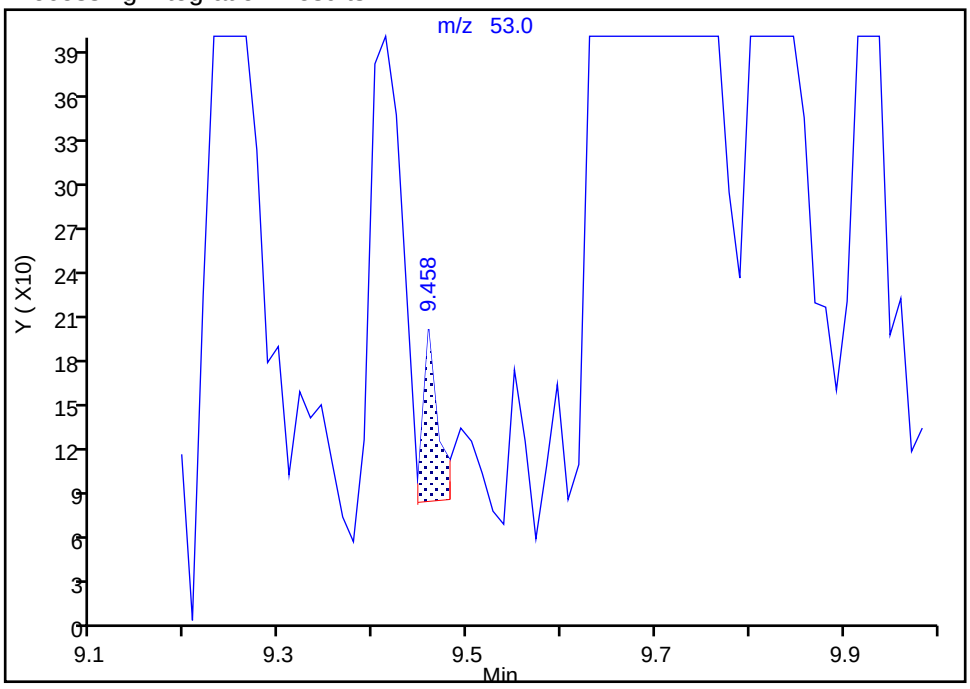
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Injection Date: 01-Oct-2022 16:56:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

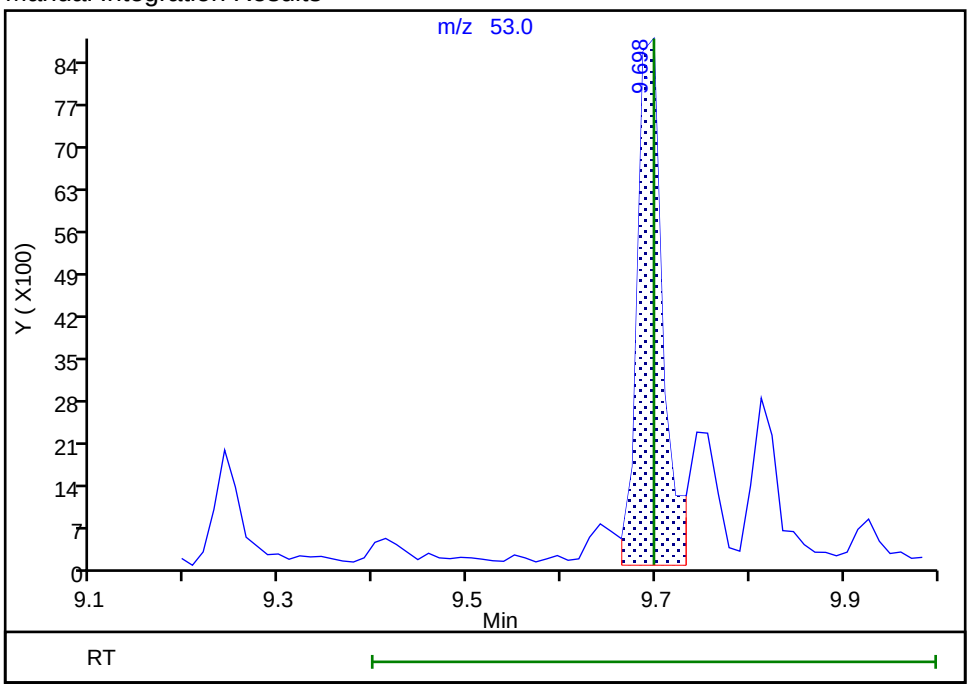
Processing Integration Results

RT: 9.46
Area: 136
Amount: 0.054948
Amount Units: ug/l



Manual Integration Results

RT: 9.70
Area: 16904
Amount: 5.134526
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:14:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

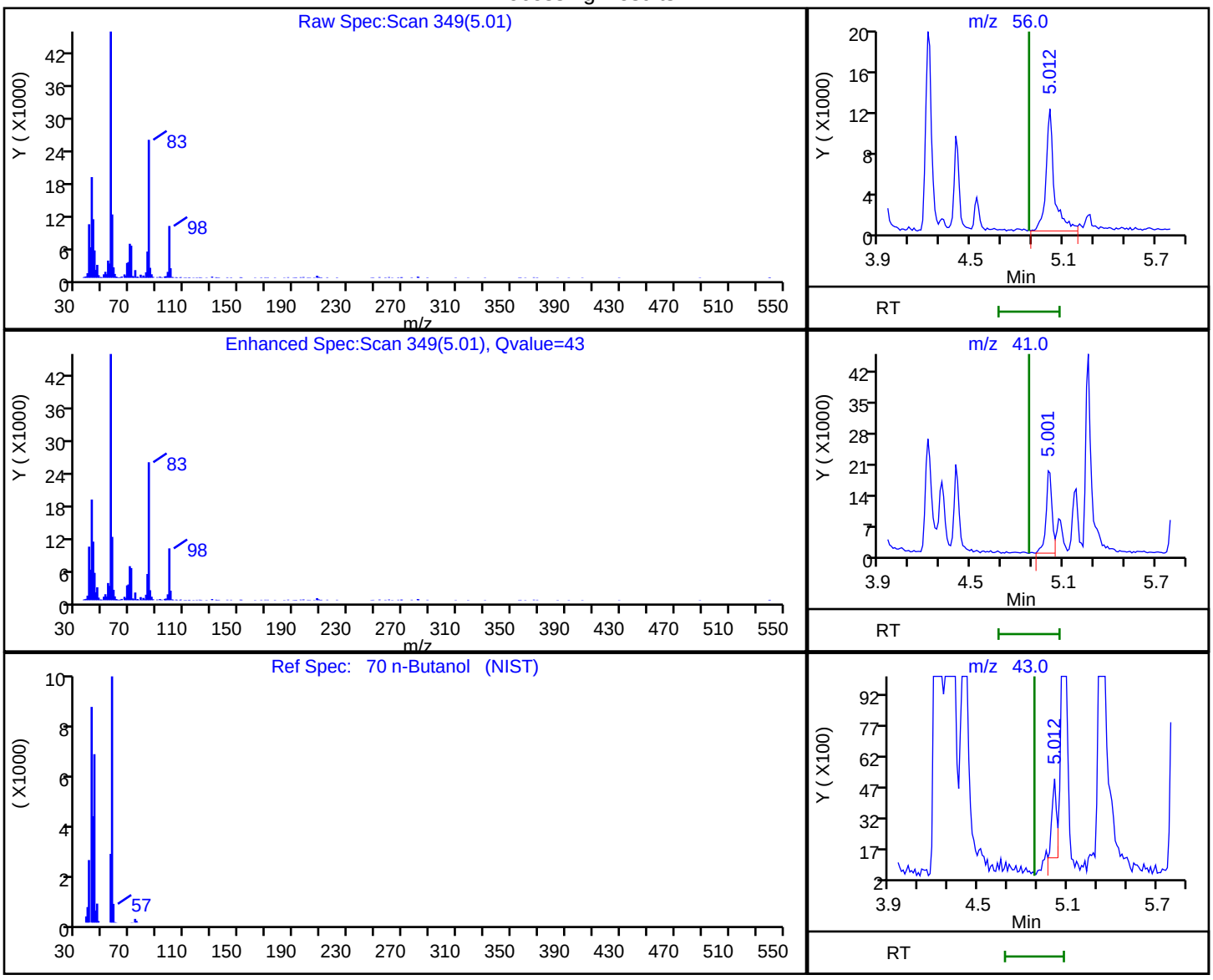
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25693.D
Injection Date: 01-Oct-2022 16:56:30 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

Processing Results



RT	Mass	Response	Amount
5.01	56.00	44604	288.3001
5.00	41.00	51826	
5.01	43.00	8596	

Reviewer: W9CM, 02-Oct-2022 09:14:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25694.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 01-Oct-2022 17:17:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0151144-007
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:11:57 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: FK2C Date: 02-Oct-2022 06:36:04

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.183	1.183	0.000	86	14606	20.0	21.2	
3	Chlorotrifluoroethene	116	1.263	1.263	0.000	91	40874	20.0	19.6	
4	1,1-Difluoroethane	65	1.275	1.275	0.000	88	94564	20.0	18.6	
5	Dichlorodifluoromethane	85	1.286	1.286	0.000	99	196822	20.0	20.9	
2	Chlorodifluoromethane	67	1.309	1.309	0.000	97	32406	20.0	18.9	
6	Chloromethane	50	1.435	1.435	0.000	99	289041	20.0	19.0	
7	Vinyl chloride	62	1.481	1.481	0.000	98	208329	20.0	19.5	
8	Butadiene	54	1.492	1.492	0.000	91	255433	20.0	20.1	
9	Bromomethane	94	1.698	1.698	0.000	97	68259	20.0	18.5	
10	Chloroethane	64	1.755	1.755	0.000	99	125805	20.0	18.6	
11	Dichlorofluoromethane	67	1.881	1.881	0.000	98	308349	20.0	19.0	
12	Trichlorofluoromethane	101	1.892	1.892	0.000	96	211759	20.0	20.0	
13	Pentane	72	1.926	1.926	0.000	96	70925	40.0	38.2	
17	Ethanol	46	2.029	2.029	0.000	97	27624	800.0	861.5	
14	Ethyl ether	74	2.063	2.063	0.000	91	107816	20.0	18.7	
15	2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	95	219298	20.0	19.5	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	98	103720	20.0	17.7	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	212482	20.0	19.3	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.201	2.201	0.000	92	130013	20.0	19.7	
52	Acrolein	56	2.212	2.212	0.000	98	66883	40.0	38.5	
20	1,1-Dichloroethene	96	2.235	2.235	0.000	90	120653	20.0	18.2	
23	Acetone	43	2.292	2.292	0.000	85	347525	100.0	122.9	
21	Iodomethane	142	2.361	2.361	0.000	100	66110	20.0	12.8	
24	Isopropyl alcohol	45	2.361	2.361	0.000	96	90257	200.0	200.6	a
22	Carbon disulfide	76	2.395	2.395	0.000	100	502103	20.0	19.3	
30	Methyl acetate	43	2.486	2.486	0.000	96	439739	40.0	41.1	
26	3-Chloro-1-propene	76	2.486	2.486	0.000	89	105840	20.0	17.4	
25	Cyclopentene	67	2.509	2.509	0.000	94	510315	20.0	19.8	
27	Acetonitrile	41	2.532	2.532	0.000	96	210544	200.0	171.5	a
* 28	TBA-d9 (IS)	66	2.555	2.555	0.000	98	50751	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	2.589	2.589	0.000	93	147822	20.0	18.8	
31 2-Methyl-2-propanol	59	2.623	2.623	0.000	98	151588	200.0	191.7	a
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	96	511193	20.0	19.0	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	94	139389	20.0	18.1	
35 Acrylonitrile	53	2.795	2.795	0.000	95	1028768	200.0	216.0	
36 Hexane	57	2.863	2.863	0.000	95	331553	20.0	21.2	
37 Isopropyl ether	45	3.035	3.035	0.000	96	840843	20.0	20.0	
38 1,1-Dichloroethane	63	3.081	3.081	0.000	54	352480	20.0	19.0	
40 Vinyl acetate	86	3.081	3.081	0.000	100	74609	40.0	41.8	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	93	136193	20.0	18.9	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	87	626095	20.0	19.6	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	99	716807	250.0	250.0	
43 2,2-Dichloropropane	97	3.504	3.504	0.000	93	48931	20.0	18.8	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	83	150049	20.0	18.7	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	109933	100.0	92.1	
47 Ethyl acetate	70	3.538	3.538	0.000	94	44213	40.0	38.7	
46 Methyl acrylate	55	3.595	3.595	0.000	98	186172	20.0	18.8	
48 Propionitrile	54	3.664	3.664	0.000	98	344906	200.0	198.4	
49 Chlorobromomethane	128	3.744	3.744	0.000	88	57975	20.0	19.4	
50 Tetrahydrofuran	72	3.744	3.744	0.000	82	53805	40.0	38.3	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	928542	200.0	205.6	
51 Chloroform	83	3.789	3.789	0.000	96	263648	20.0	18.6	
53 Cyclohexane	84	3.915	3.915	0.000	98	262584	20.0	20.0	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	97	225154	20.0	19.1	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	182446	50.0	46.8	
57 Carbon tetrachloride	117	4.041	4.041	0.000	96	182759	20.0	19.5	
58 1,1-Dichloropropene	75	4.064	4.064	0.000	88	243836	20.0	19.4	
61 Isobutyl alcohol	43	4.201	4.201	0.000	95	362456	500.0	487.8	
64 Isooctane	57	4.212	4.212	0.000	99	644025	20.0	20.4	
59 Benzene	78	4.258	4.258	0.000	98	699557	20.0	19.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	96	282389	50.0	45.0	
66 Isopropyl acetate	87	4.304	4.304	0.000	94	143629	20.0	18.9	
62 Tert-amyl methyl ether	73	4.304	4.304	0.000	91	531818	20.0	19.0	
63 1,2-Dichloroethane	62	4.349	4.349	0.000	95	235947	20.0	18.9	
65 n-Heptane	57	4.395	4.395	0.000	97	140362	20.0	19.8	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	836380	50.0	50.0	
70 n-Butanol	56	4.875	4.875	0.000	94	51515	500.0	349.0	
69 Trichloroethene	95	4.887	4.887	0.000	89	145486	20.0	18.6	
71 Ethyl acrylate	99	5.012	5.012	0.000	93	21975	20.0	18.8	
72 Methylcyclohexane	83	5.012	5.012	0.000	78	280422	20.0	20.5	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	200789	20.0	18.6	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	84	21977	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	79510	40.0	37.4	
78 1,4-Dioxane	88	5.298	5.298	0.000	36	21173	400.0	395.8	
77 n-Propyl acetate	43	5.321	5.321	0.000	97	405422	20.0	19.8	
75 Dibromomethane	93	5.321	5.321	0.000	38	83625	20.0	17.6	
76 Dichlorobromomethane	83	5.481	5.481	0.000	97	196319	20.0	18.5	
34 2-Nitropropane	41	5.812	5.812	0.000	97	141866	40.0	36.8	
79 2-Chloroethyl vinyl ether	63	5.835	5.835	0.000	91	129589	20.0	20.3	
80 Epichlorohydrin	57	5.938	5.938	0.000	99	471521	400.0	433.7	
81 cis-1,3-Dichloropropene	75	6.007	6.007	0.000	96	280386	20.0	19.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	1359053	100.0	109.2	

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	6.258	6.258	0.000	97	894555	50.0	47.2	
83 Toluene	91	6.338	6.338	0.000	92	650118	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	93	250418	20.0	19.4	
86 Ethyl methacrylate	69	6.772	6.772	0.000	93	217494	20.0	20.5	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.000	92	119078	20.0	19.4	
88 Tetrachloroethene	166	7.012	7.012	0.000	91	112534	20.0	18.9	
89 1,3-Dichloropropane	76	7.207	7.207	0.000	93	263226	20.0	19.8	
91 2-Hexanone	43	7.275	7.275	0.000	98	843079	100.0	102.7	
92 n-Butyl acetate	43	7.424	7.424	0.000	96	423455	20.0	20.0	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	113630	20.0	18.6	
93 Ethylene Dibromide	107	7.630	7.630	0.000	99	115395	20.0	18.9	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	93	498421	50.0	50.0	
95 Chlorobenzene	112	8.213	8.213	0.000	86	342461	20.0	18.7	
97 Ethylbenzene	106	8.304	8.304	0.000	99	193456	20.0	19.0	
96 1,1,1,2-Tetrachloroethane	131	8.327	8.327	0.000	91	111132	20.0	19.1	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	239621	20.0	19.5	
100 o-Xylene	106	8.876	8.876	0.000	91	235346	20.0	19.9	
99 n-Butyl acrylate	73	8.887	8.887	0.000	95	117277	20.0	18.2	
101 Styrene	104	8.910	8.910	0.000	91	382953	20.0	20.5	
102 Amyl acetate (mixed isomers)	43	9.116	9.116	0.000	86	444900	20.0	20.5	
103 Bromoform	173	9.127	9.127	0.000	92	69796	20.0	18.5	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	610560	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	179404	50.0	47.4	
107 Bromobenzene	156	9.573	9.573	0.000	87	120069	20.0	19.6	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	186644	20.0	19.9	
109 N-Propylbenzene	91	9.641	9.641	0.000	97	790409	20.0	21.3	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	94	47329	20.0	19.1	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	86	69345	20.0	18.8	a
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	511104	20.0	20.2	
113 4-Ethyltoluene	105	9.756	9.756	0.000	96	602774	20.0	20.7	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	91	486952	20.0	20.3	
110 4-Chlorotoluene	91	9.847	9.847	0.000	98	484730	20.0	20.4	
117 Butyl Methacrylate	87	9.916	9.916	0.000	90	157621	20.0	17.5	
118 tert-Butylbenzene	119	10.087	10.087	0.000	89	405123	20.0	20.3	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	98	491810	20.0	20.3	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	598318	20.0	21.1	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	96	471455	20.0	20.9	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	70	228231	20.0	20.1	
* 106 1,4-Dichlorobenzene-d4	152	10.476	10.476	0.000	96	219314	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	87	226270	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	99	490024	20.0	20.1	
125 Benzyl chloride	91	10.613	10.613	0.000	96	355201	20.0	20.3	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	458515	20.0	20.3	
126 p-Diethylbenzene	119	10.716	10.716	0.000	91	240413	20.0	20.4	
127 n-Butylbenzene	92	10.739	10.739	0.000	97	266534	20.0	20.7	
128 1,2-Dichlorobenzene	146	10.796	10.796	0.000	91	214037	20.0	19.6	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	95	377688	20.0	19.7	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	81	26796	20.0	17.2	
132 1,3,5-Trichlorobenzene	180	11.539	11.539	0.000	94	131583	20.0	18.8	
131 1,2,4-Trichlorobenzene	180	12.007	12.007	0.000	92	118934	20.0	18.3	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	89	50924	20.0	19.5	
134 Naphthalene	128	12.179	12.179	0.000	98	358221	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
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	92	108772	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.8	
S 137 Xylenes, Total	100				0		40.0	39.4	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	97.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00496	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00159	Amount Added:	20.00	Units: uL	
524freon_00057	Amount Added:	20.00	Units: uL	
ACROLEIN W_00144	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Oct-2022 10:11:59 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25694.D

Injection Date: 01-Oct-2022 17:17:30 Instrument ID: CVOAMS7

Lims ID: STD20

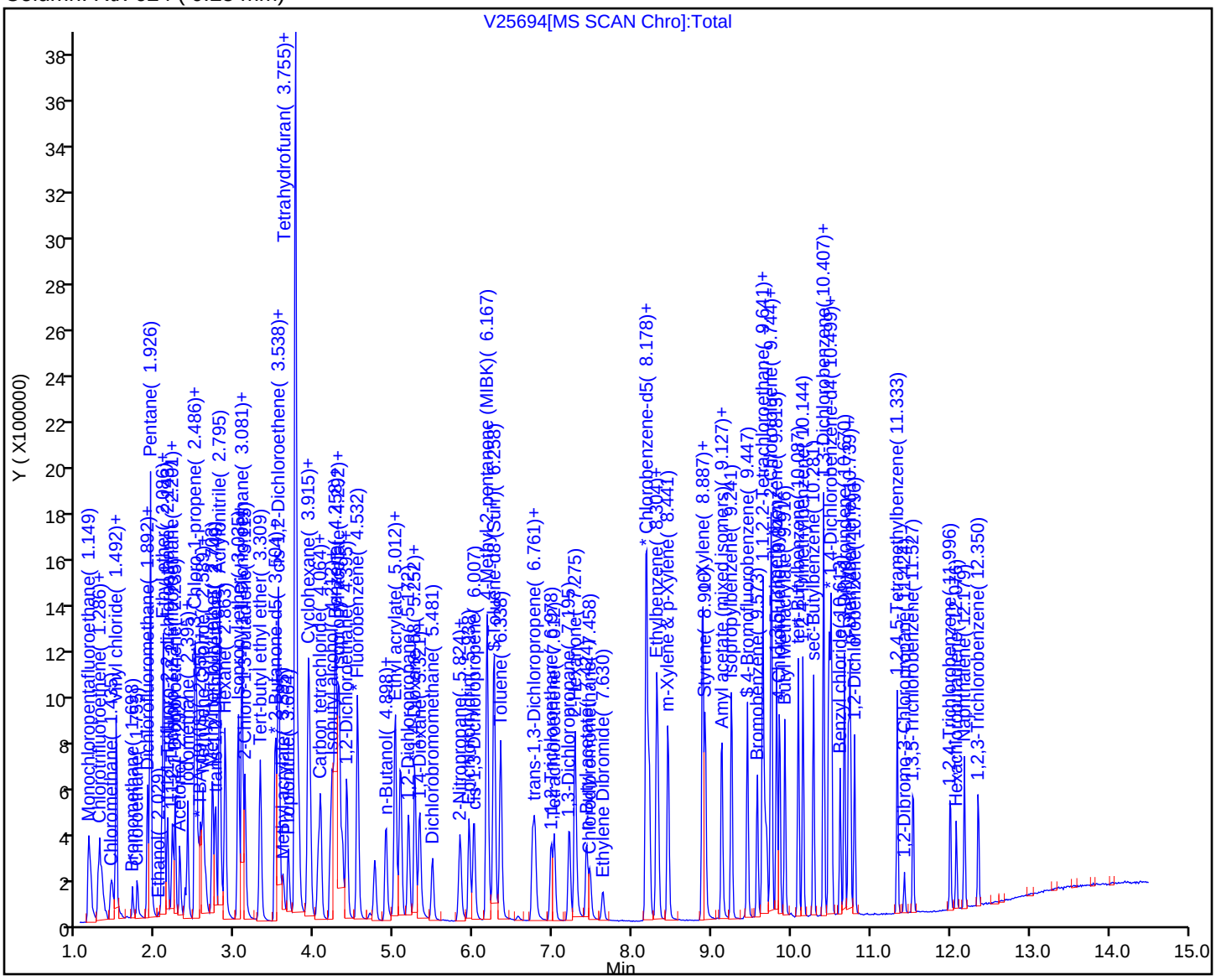
Client ID:

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)



Manual Integration/User Assign Peak Report

Eurofins Edison

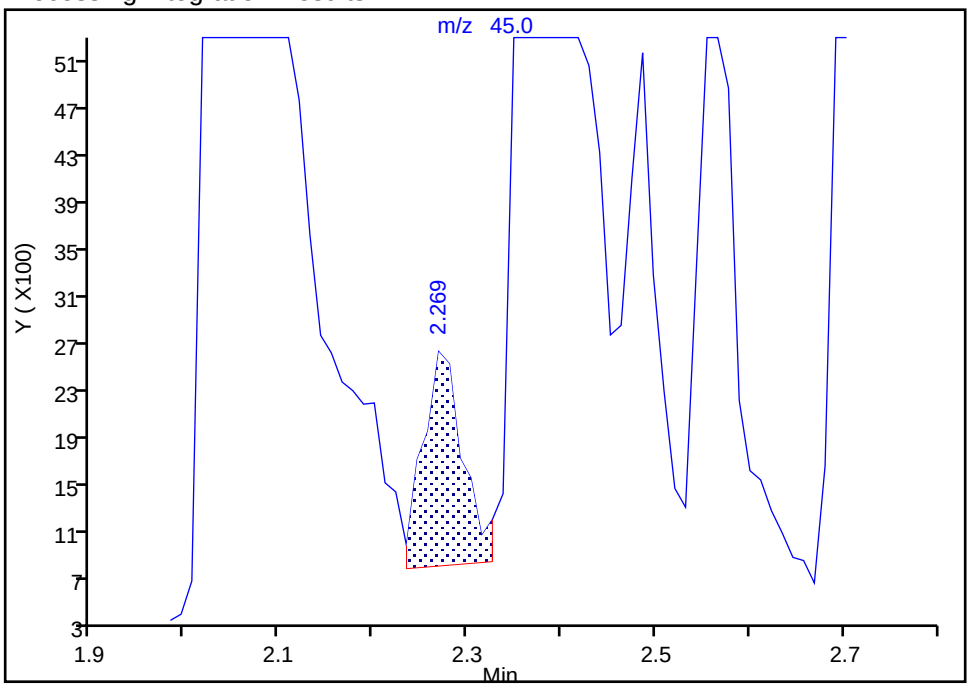
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Injection Date: 01-Oct-2022 17:17:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

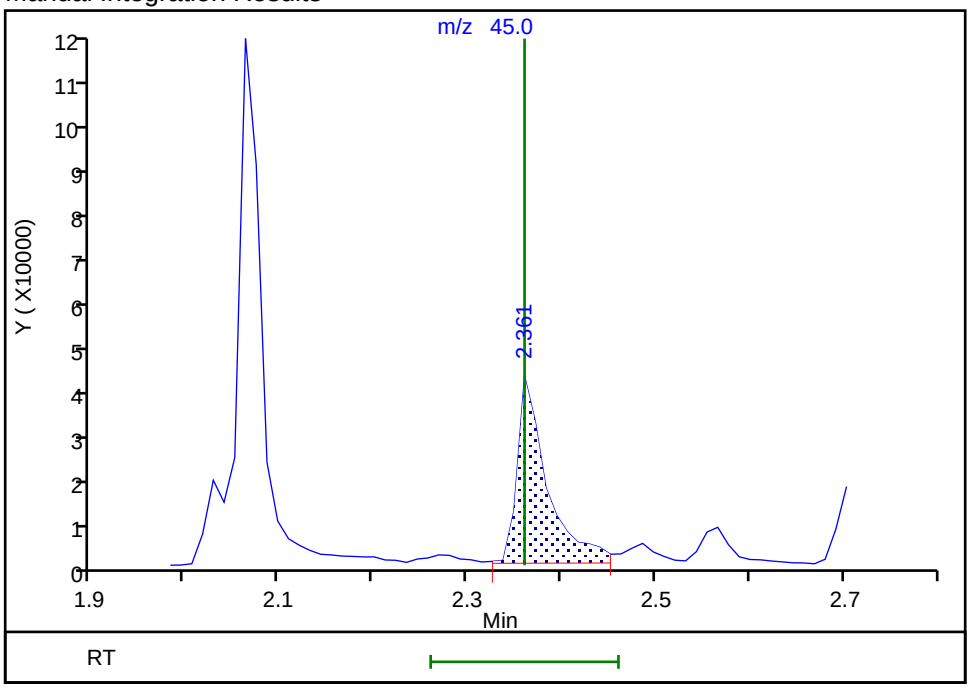
Processing Integration Results

RT: 2.27
Area: 5429
Amount: 45.763014
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 90257
Amount: 200.5846
Amount Units: ug/l



Reviewer: FK2C, 02-Oct-2022 06:35:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

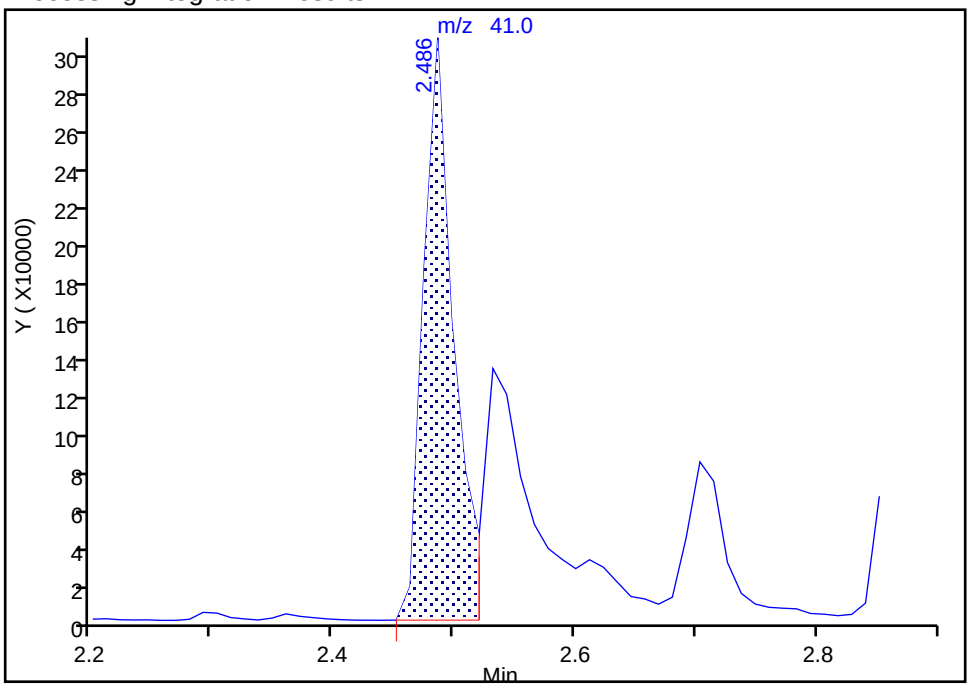
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Injection Date: 01-Oct-2022 17:17:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

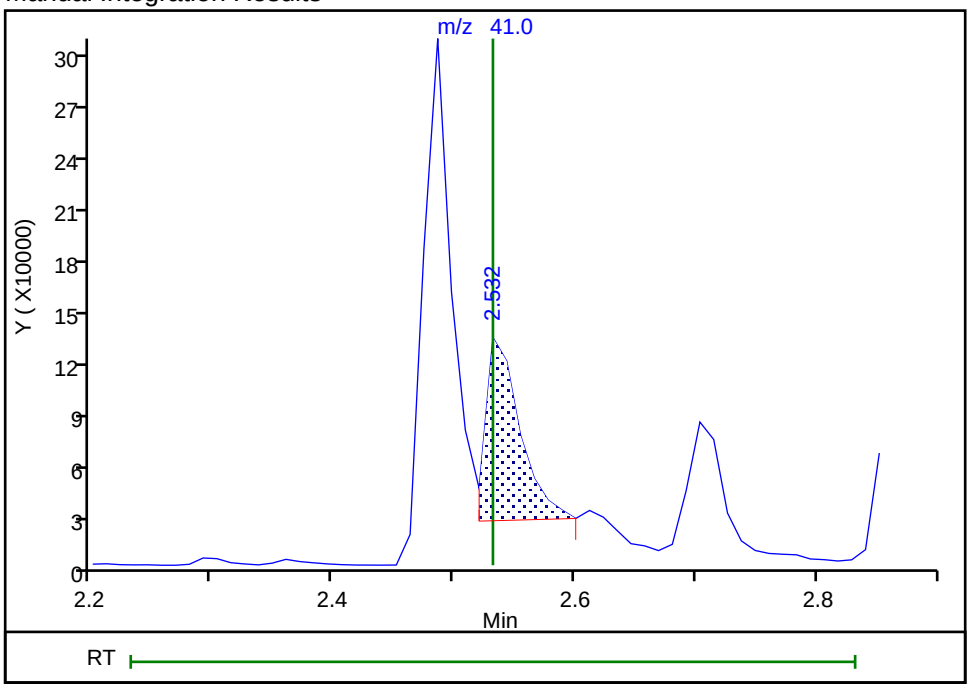
Processing Integration Results

RT: 2.49
Area: 540253
Amount: 299.0433
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 210544
Amount: 171.4665
Amount Units: ug/l



Reviewer: FK2C, 02-Oct-2022 06:35:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

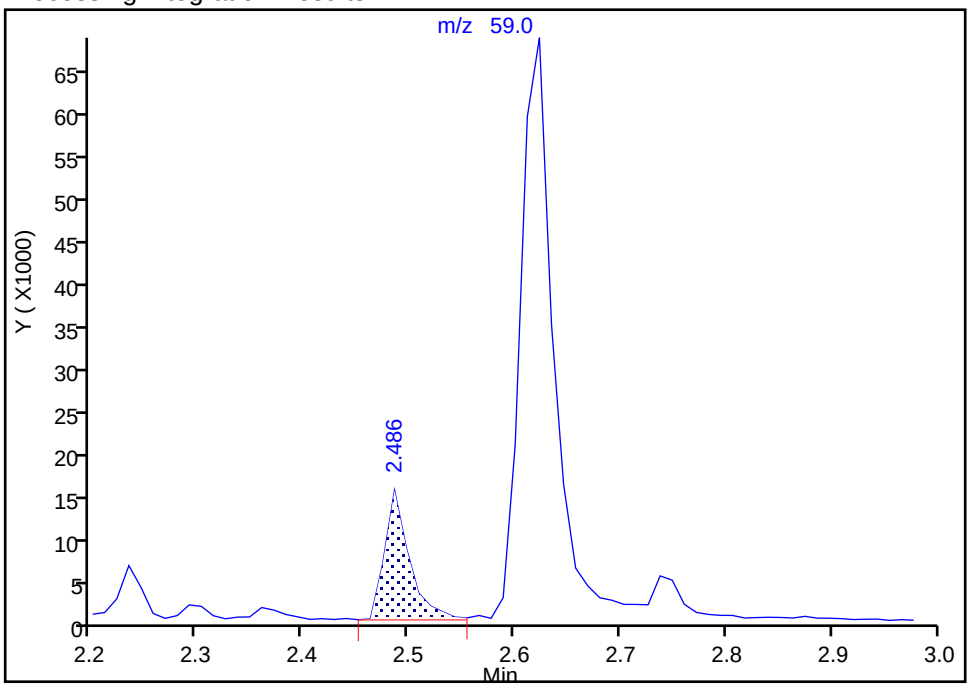
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Injection Date: 01-Oct-2022 17:17:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

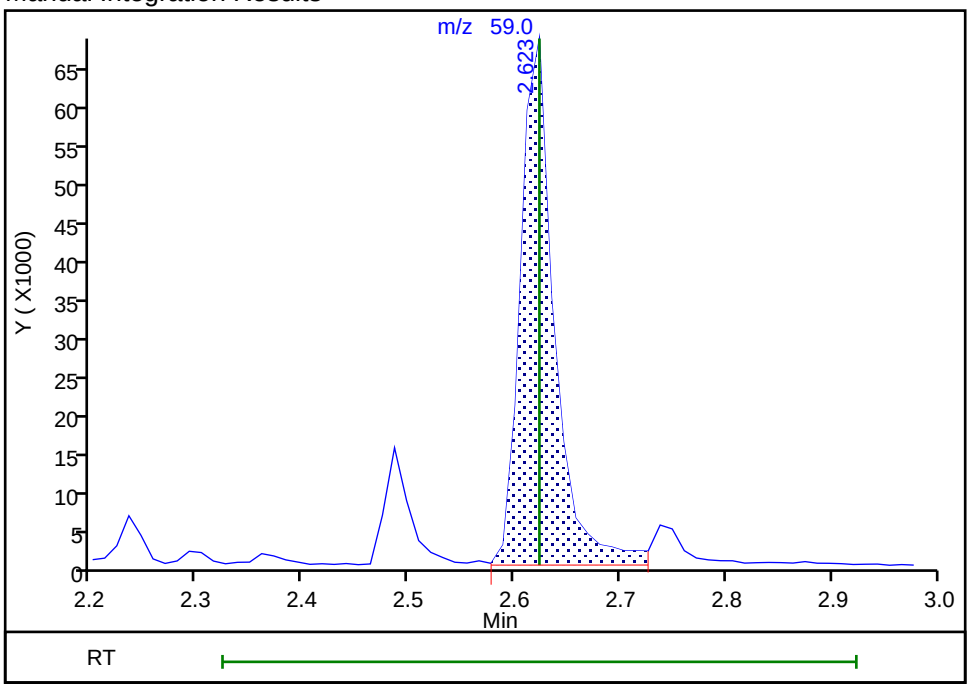
Processing Integration Results

RT: 2.49
Area: 24827
Amount: 54.222107
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 151588
Amount: 191.6937
Amount Units: ug/l



Reviewer: FK2C, 02-Oct-2022 06:35:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

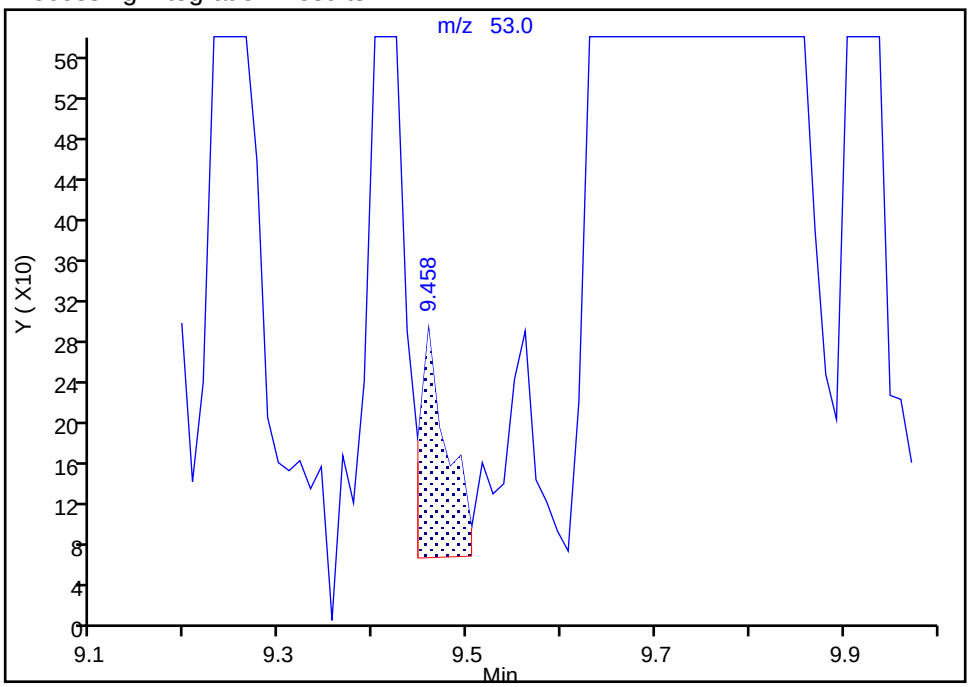
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Injection Date: 01-Oct-2022 17:17:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

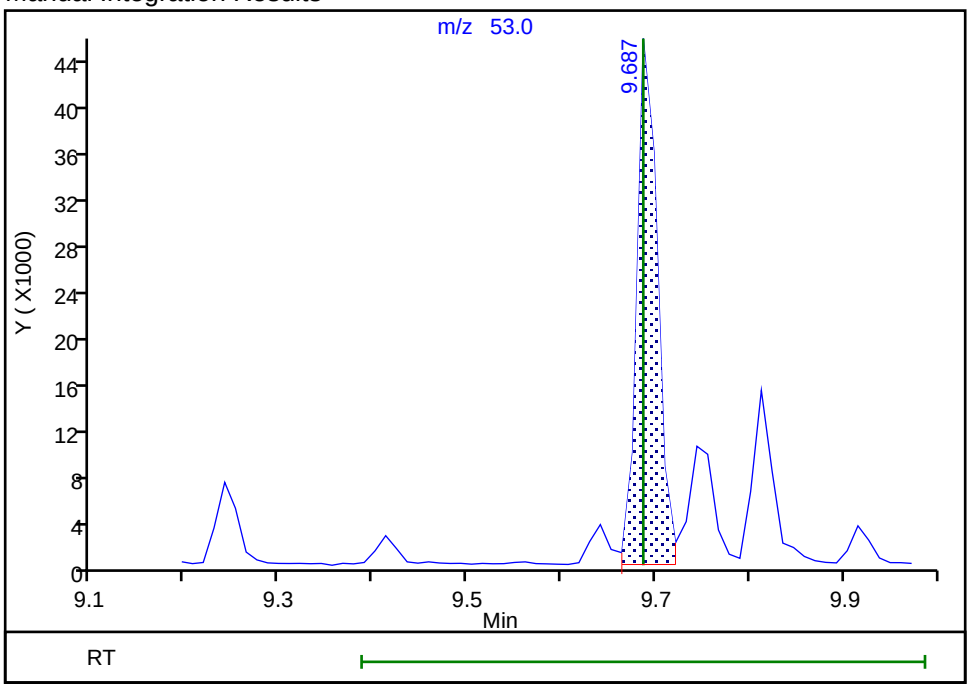
Processing Integration Results

RT: 9.46
Area: 475
Amount: 0.395043
Amount Units: ug/l



Manual Integration Results

RT: 9.69
Area: 69345
Amount: 18.816771
Amount Units: ug/l



Reviewer: FK2C, 02-Oct-2022 06:35:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25695.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Oct-2022 17:38:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0151144-008
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:12:05 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: FK2C Date: 02-Oct-2022 06:37:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.172	1.183	-0.011	94	34589	50.0	50.7	
3 Chlorotrifluoroethene	116	1.252	1.263	-0.011	92	119290	50.0	57.9	
4 1,1-Difluoroethane	65	1.275	1.275	-0.001	83	252259	50.0	50.0	
5 Dichlorodifluoromethane	85	1.275	1.286	-0.012	99	531996	50.0	57.0	
2 Chlorodifluoromethane	67	1.297	1.309	-0.012	99	89784	50.0	52.8	
6 Chloromethane	50	1.435	1.435	0.000	100	776783	50.0	51.6	
7 Vinyl chloride	62	1.480	1.481	0.000	99	567122	50.0	53.7	
8 Butadiene	54	1.492	1.492	0.000	91	739050	50.0	58.6	
9 Bromomethane	94	1.697	1.698	-0.001	99	172516	50.0	47.2	
10 Chloroethane	64	1.755	1.755	0.000	99	331389	50.0	49.4	
11 Dichlorofluoromethane	67	1.880	1.881	-0.001	99	823196	50.0	51.3	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	97	578374	50.0	55.2	
13 Pentane	72	1.926	1.926	0.000	97	199921	100.0	108.7	
17 Ethanol	46	2.029	2.029	0.000	98	80750	2000.0	2425.6	M
14 Ethyl ether	74	2.063	2.063	0.000	91	291860	50.0	51.1	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	96	609348	50.0	54.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.097	2.098	-0.001	97	287045	50.0	49.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.132	2.143	-0.011	98	579730	50.0	53.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.201	-0.001	93	360498	50.0	55.0	
52 Acrolein	56	2.200	2.212	-0.012	96	179302	100.0	104.3	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	91	334116	50.0	50.8	
23 Acetone	43	2.292	2.292	0.000	85	935652	250.0	308.7	
21 Iodomethane	142	2.360	2.361	-0.001	99	242908	50.0	46.9	
24 Isopropyl alcohol	45	2.360	2.361	-0.001	83	268111	500.0	568.1	a
22 Carbon disulfide	76	2.395	2.395	0.000	100	1374124	50.0	53.4	
30 Methyl acetate	43	2.475	2.486	-0.011	93	1216814	100.0	114.9	
26 3-Chloro-1-propene	76	2.475	2.486	-0.011	89	301491	50.0	50.2	
25 Cyclopentene	67	2.497	2.509	-0.012	97	1405623	50.0	55.0	
27 Acetonitrile	41	2.532	2.532	0.000	95	696544	500.0	538.6	a
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	97	53230	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	2.589	2.589	0.000	93	400178	50.0	51.4	
31 2-Methyl-2-propanol	59	2.612	2.623	-0.011	99	443562	500.0	534.8	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	96	1406895	50.0	52.8	
33 trans-1,2-Dichloroethene	96	2.738	2.749	-0.011	94	381284	50.0	49.9	
35 Acrylonitrile	53	2.795	2.795	0.000	95	2837943	500.0	601.8	
36 Hexane	57	2.863	2.863	0.000	96	928642	50.0	59.8	
37 Isopropyl ether	45	3.023	3.035	-0.012	98	2303899	50.0	55.5	
38 1,1-Dichloroethane	63	3.069	3.081	-0.012	91	959929	50.0	52.3	
40 Vinyl acetate	86	3.069	3.081	-0.012	100	204406	100.0	108.7	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	93	383425	50.0	53.9	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	87	1698138	50.0	53.7	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	95	754934	250.0	250.0	M
43 2,2-Dichloropropane	97	3.503	3.504	-0.001	92	137629	50.0	54.0	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	42	415549	50.0	52.4	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	319355	250.0	253.9	
47 Ethyl acetate	70	3.538	3.538	0.000	94	125128	100.0	104.1	
46 Methyl acrylate	55	3.595	3.595	0.000	98	551708	50.0	56.3	
48 Propionitrile	54	3.652	3.664	-0.012	98	958011	500.0	556.6	
49 Chlorobromomethane	128	3.743	3.744	-0.001	85	154873	50.0	52.4	
50 Tetrahydrofuran	72	3.743	3.744	-0.001	83	147174	100.0	105.9	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	2590629	500.0	579.3	
51 Chloroform	83	3.789	3.789	0.000	96	714470	50.0	50.9	
53 Cyclohexane	84	3.915	3.915	0.000	98	734246	50.0	56.6	
55 1,1,1-Trichloroethane	97	3.915	3.926	-0.011	96	626883	50.0	53.6	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	197046	50.0	51.0	
57 Carbon tetrachloride	117	4.041	4.041	-0.001	96	497737	50.0	53.7	
58 1,1-Dichloropropene	75	4.063	4.064	-0.001	88	673927	50.0	54.0	
61 Isobutyl alcohol	43	4.178	4.201	-0.023	96	1122290	1250.0	1458.2	
64 Isooctane	57	4.212	4.212	0.000	99	1822227	50.0	58.2	
59 Benzene	78	4.246	4.258	-0.012	98	1902124	50.0	53.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	95	304651	50.0	49.0	
66 Isopropyl acetate	87	4.303	4.304	-0.001	94	403045	50.0	53.5	
62 Tert-amyl methyl ether	73	4.303	4.304	-0.001	91	1433757	50.0	51.9	
63 1,2-Dichloroethane	62	4.338	4.349	-0.011	95	622609	50.0	50.2	
65 n-Heptane	57	4.395	4.395	0.000	97	406320	50.0	58.0	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	828171	50.0	50.0	
70 n-Butanol	56	4.852	4.875	-0.023	95	214914	1250.0	1388.3	
69 Trichloroethene	95	4.886	4.887	-0.001	91	398456	50.0	51.4	
71 Ethyl acrylate	99	5.001	5.012	-0.011	97	63933	50.0	55.0	
72 Methylcyclohexane	83	5.012	5.012	0.000	92	784285	50.0	57.8	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	537518	50.0	50.2	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	52	26973	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	93	232033	100.0	110.4	
78 1,4-Dioxane	88	5.298	5.298	0.000	28	56524	1000.0	860.8	
77 n-Propyl acetate	43	5.309	5.321	-0.012	97	1148620	50.0	56.8	
75 Dibromomethane	93	5.321	5.321	0.000	89	229112	50.0	48.6	
76 Dichlorobromomethane	83	5.481	5.481	0.000	97	543988	50.0	51.8	
34 2-Nitropropane	41	5.812	5.812	0.000	98	413649	100.0	108.3	
79 2-Chloroethyl vinyl ether	63	5.824	5.835	-0.011	84	368028	50.1	58.2	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	1373329	1000.0	1199.4	
81 cis-1,3-Dichloropropene	75	5.995	6.007	-0.012	96	774370	50.0	55.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.166	6.167	-0.001	97	3840948	250.0	293.1	

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	6.258	6.258	0.000	96	986551	50.0	52.6	
83 Toluene	91	6.338	6.338	0.000	92	1786741	50.0	53.4	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	94	696210	50.0	54.3	
86 Ethyl methacrylate	69	6.761	6.772	-0.011	94	639871	50.0	60.9	
87 1,1,2-Trichloroethane	83	6.967	6.967	-0.001	92	319639	50.0	52.5	
88 Tetrachloroethene	166	7.012	7.012	0.000	91	314213	50.0	53.4	
89 1,3-Dichloropropane	76	7.195	7.207	-0.012	93	717570	50.0	54.4	
91 2-Hexanone	43	7.264	7.275	-0.011	98	2473093	250.0	284.0	
92 n-Butyl acetate	43	7.412	7.424	-0.012	96	1217098	50.0	58.1	
90 Chlorodibromomethane	129	7.458	7.458	0.000	95	317053	50.0	52.4	
93 Ethylene Dibromide	107	7.618	7.630	-0.012	97	324325	50.0	53.6	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	95	493611	50.0	50.0	
95 Chlorobenzene	112	8.212	8.213	-0.001	87	941219	50.0	51.9	
97 Ethylbenzene	106	8.304	8.304	0.000	99	549044	50.0	54.5	
96 1,1,1,2-Tetrachloroethane	131	8.327	8.327	0.000	92	301214	50.0	52.3	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	678060	50.0	55.7	
100 o-Xylene	106	8.875	8.876	-0.001	90	642927	50.0	55.0	
99 n-Butyl acrylate	73	8.887	8.887	0.000	94	356325	50.0	55.3	
101 Styrene	104	8.910	8.910	0.000	93	1079399	50.0	58.4	
102 Amyl acetate (mixed isomers)	43	9.115	9.116	-0.001	85	1296368	50.0	59.6	
103 Bromoform	173	9.127	9.127	0.000	93	206176	50.0	55.2	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	1718839	50.0	57.8	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	200905	50.0	53.6	
107 Bromobenzene	156	9.572	9.573	-0.001	88	329087	50.0	53.6	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	513979	50.0	54.6	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	2220342	50.0	59.6	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	134544	50.0	54.0	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	86	208095	50.0	56.2	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	1440307	50.0	56.6	
113 4-Ethyltoluene	105	9.755	9.756	-0.001	96	1695872	50.0	58.0	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	-0.001	91	1387480	50.0	57.7	
110 4-Chlorotoluene	91	9.847	9.847	0.000	98	1349450	50.0	56.6	
117 Butyl Methacrylate	87	9.915	9.916	-0.001	91	499025	50.0	54.6	
118 tert-Butylbenzene	119	10.087	10.087	0.000	89	1145543	50.0	57.3	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	98	1401247	50.0	57.7	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	1702668	50.0	59.9	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	96	1375010	50.0	60.8	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	70	629677	50.0	55.3	
* 106 1,4-Dichlorobenzene-d4	152	10.475	10.476	-0.001	96	220187	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	87	632567	50.0	53.0	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	99	1392398	50.0	56.9	
125 Benzyl chloride	91	10.613	10.613	0.000	96	1019471	50.0	58.1	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	1276113	50.0	56.3	
126 p-Diethylbenzene	119	10.715	10.716	-0.001	90	687021	50.0	58.0	
127 n-Butylbenzene	92	10.738	10.739	-0.001	97	774658	50.0	60.0	
128 1,2-Dichlorobenzene	146	10.795	10.796	-0.001	91	585940	50.0	53.4	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	96	1078198	50.0	56.0	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	82	78431	50.0	50.2	
132 1,3,5-Trichlorobenzene	180	11.538	11.539	-0.001	94	375622	50.0	53.6	
131 1,2,4-Trichlorobenzene	180	12.007	12.007	0.000	92	336840	50.0	51.6	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	90	136110	50.0	51.8	
134 Naphthalene	128	12.178	12.179	-0.001	98	1050760	50.0	57.9	

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	12.350	12.350	0.000	93	310308	50.0	56.3	
S 136 1,2-Dichloroethene, Total	100				0		100.0	102.4	
S 137 Xylenes, Total	100				0		100.0	110.6	
S 138 1,3-Dichloropropene, Total	1				0		100.0	109.5	
S 139 Total BTEX	1				0		250.0	271.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00144	Amount Added:	10.00	Units: uL	
8FreonHi_00049	Amount Added:	5.00	Units: uL	
Ethanol mix_00069	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	5.00	Units: uL	
MIX I Hi_00155	Amount Added:	5.00	Units: uL	
GAS Hi_00425	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Oct-2022 10:12:06 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25695.D

Injection Date: 01-Oct-2022 17:38:30 Instrument ID: CVOAMS7

Lims ID: STD50

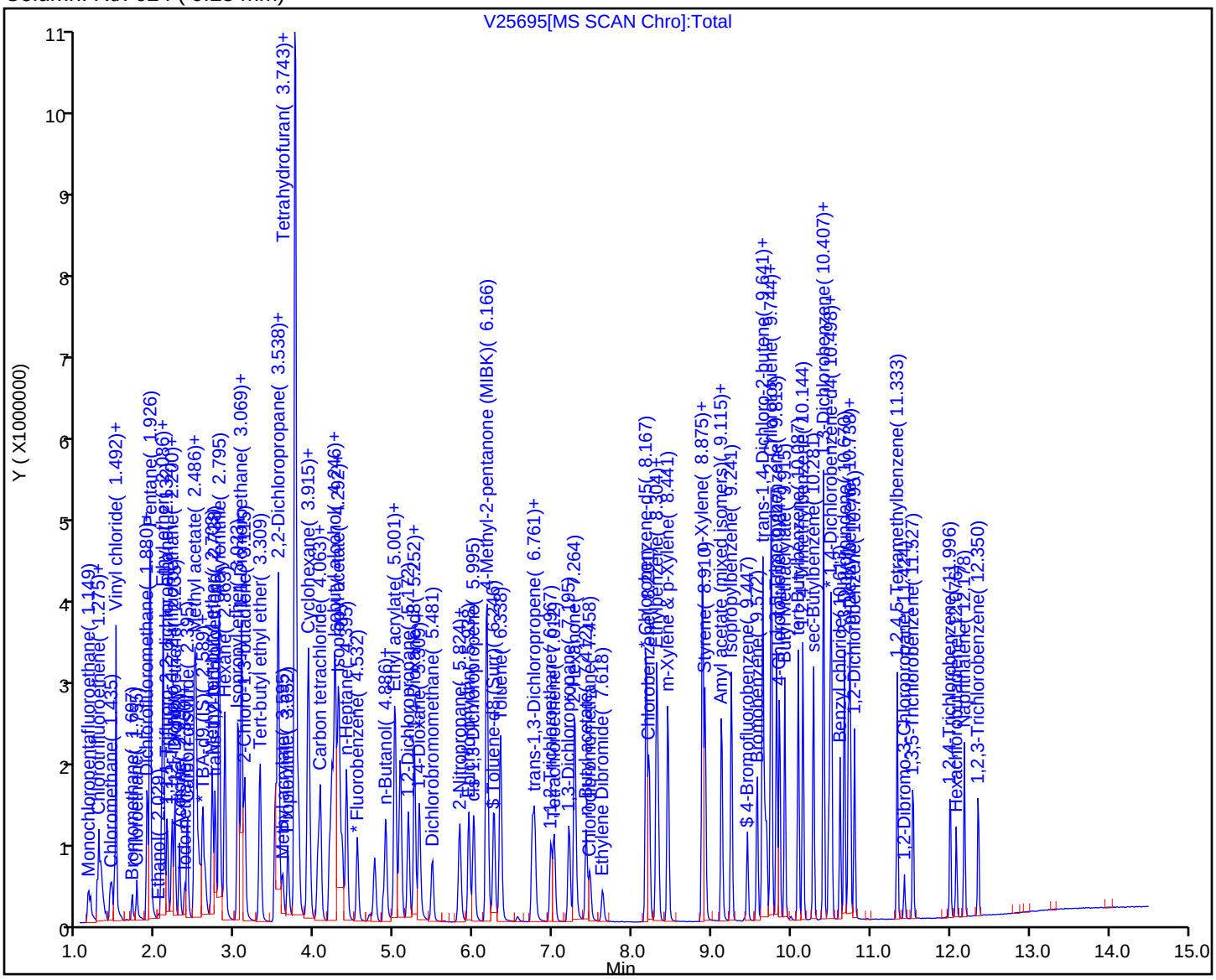
Client ID:

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 Edison

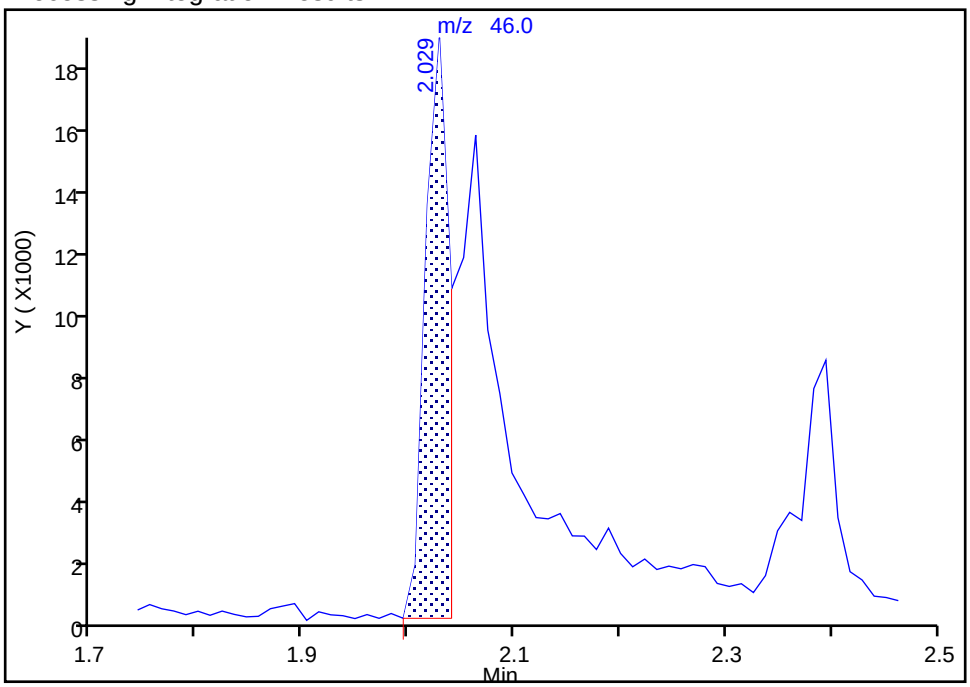
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Injection Date: 01-Oct-2022 17:38:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

17 Ethanol, CAS: 64-17-5

Signal: 1

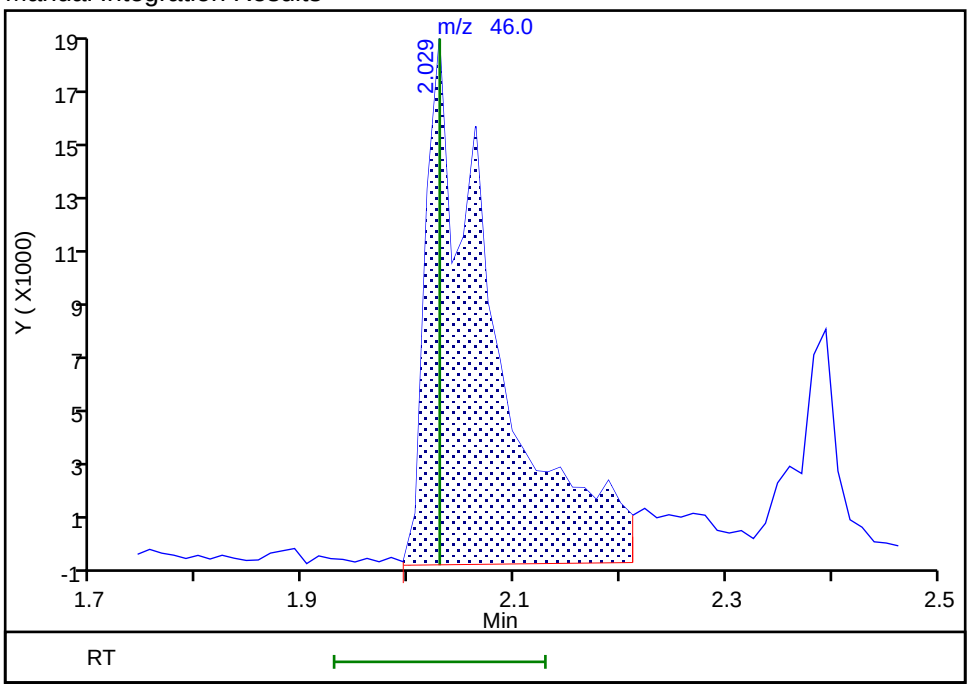
Processing Integration Results

RT: 2.03
Area: 29306
Amount: 967.8952
Amount Units: ug/l



Manual Integration Results

RT: 2.03
Area: 80750
Amount: 2425.5552
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:07:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

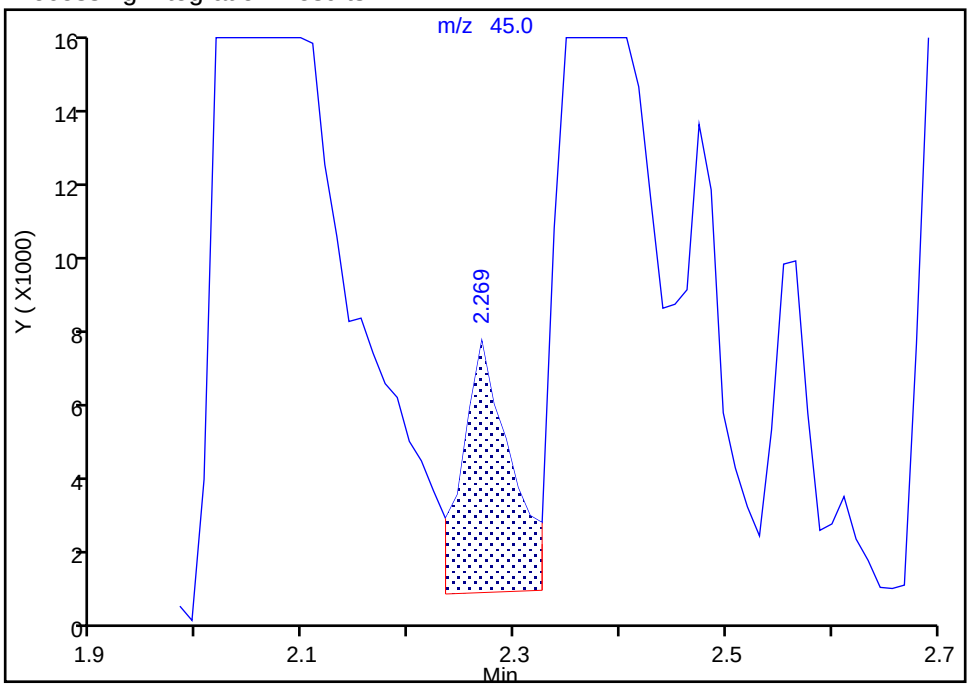
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Injection Date: 01-Oct-2022 17:38:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

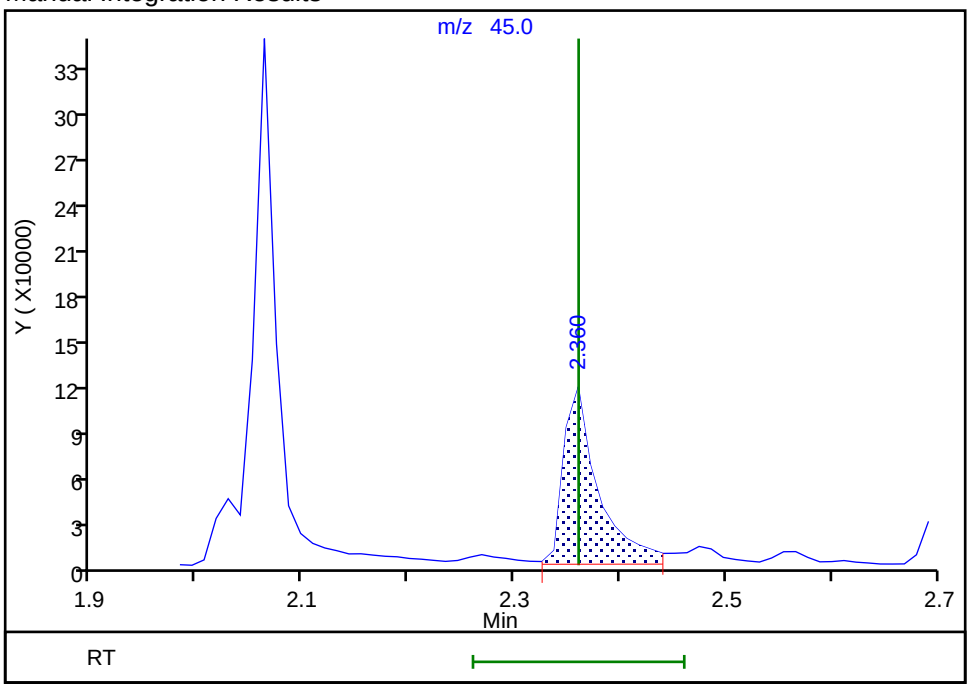
Processing Integration Results

RT: 2.27
Area: 20458
Amount: 108.8314
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 268111
Amount: 568.0931
Amount Units: ug/l



Reviewer: FK2C, 02-Oct-2022 06:37:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

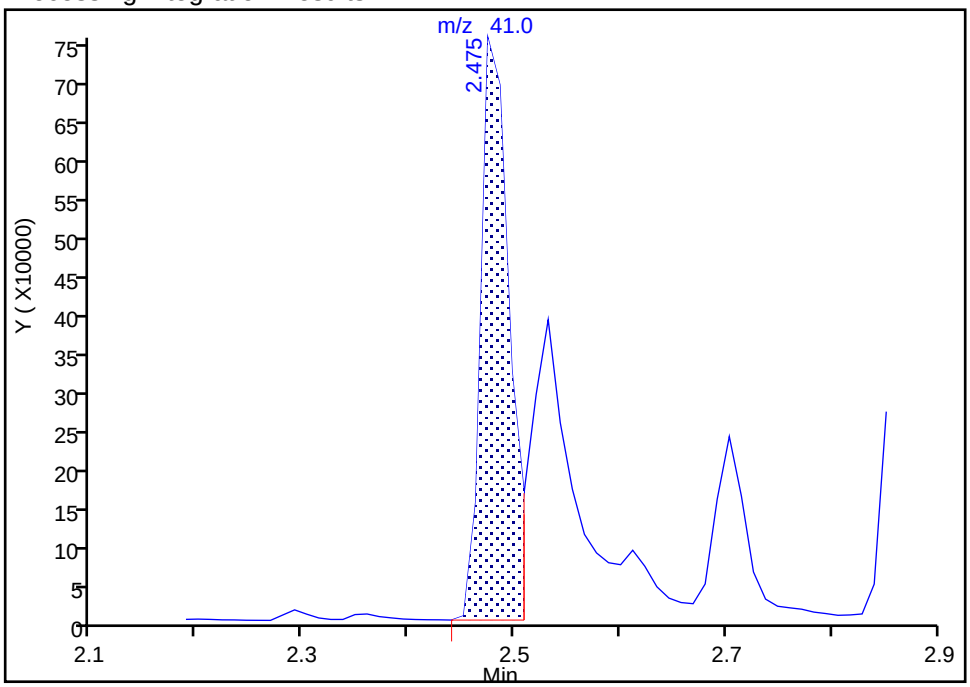
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Injection Date: 01-Oct-2022 17:38:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

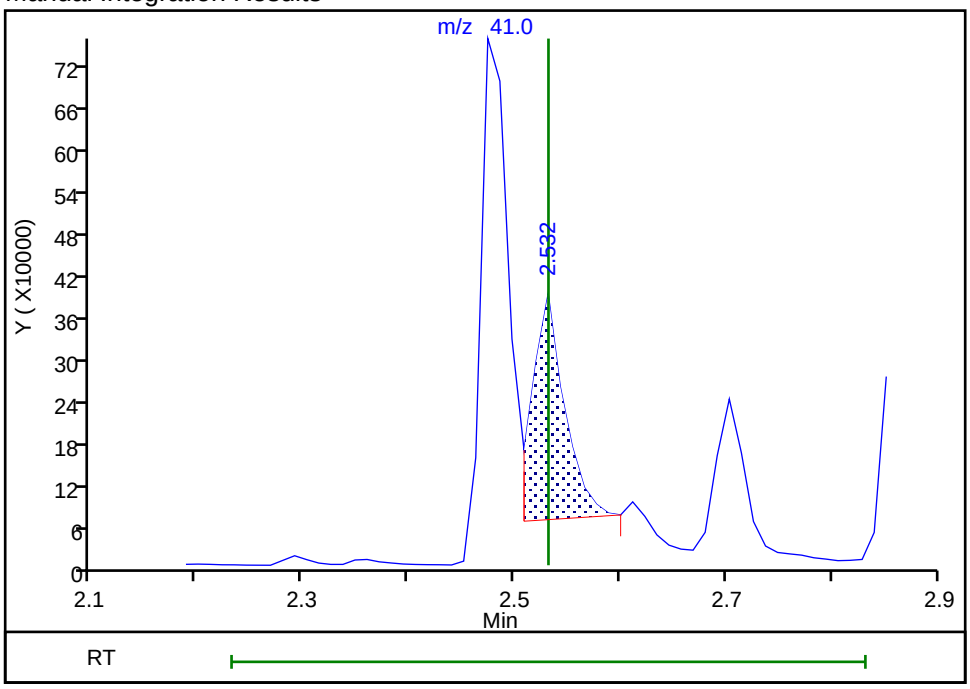
Processing Integration Results

RT: 2.47
Area: 1444966
Amount: 888.0391
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 696544
Amount: 538.6147
Amount Units: ug/l



Reviewer: FK2C, 02-Oct-2022 06:37:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

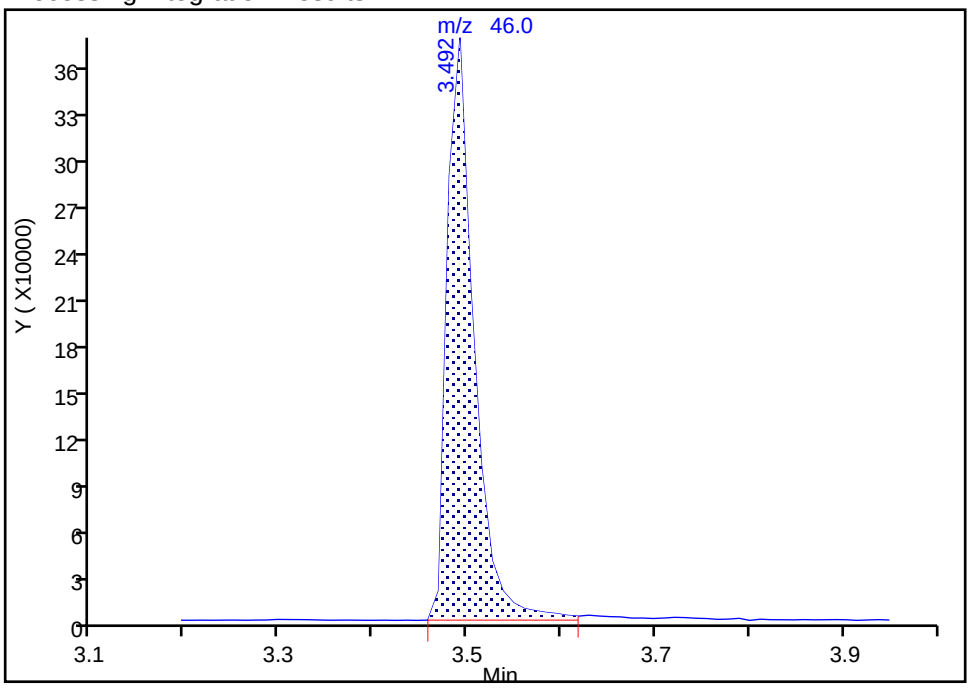
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Injection Date: 01-Oct-2022 17:38:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

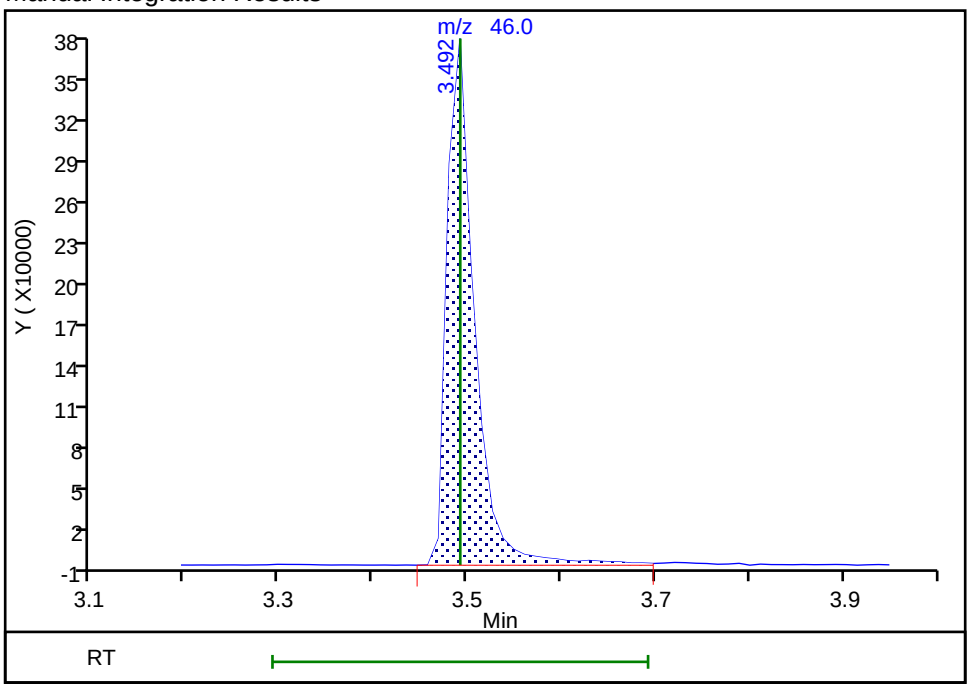
Processing Integration Results

RT: 3.49
Area: 742377
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.49
Area: 754934
Amount: 250.0000
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:52:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25696.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 01-Oct-2022 17:59:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0151144-009
Misc. Info.: 460-0151144-009
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:12:12 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: W9CM Date: 02-Oct-2022 09:10:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	75	125358	200.0	152.9	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	96	421336	200.0	170.0	
4 1,1-Difluoroethane	65	1.275	1.275	-0.001	87	911616	200.0	150.4	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	1933278	200.0	172.2	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	323540	200.0	158.2	
6 Chloromethane	50	1.435	1.435	0.000	100	2941110	200.0	162.7	
7 Vinyl chloride	62	1.480	1.481	0.000	99	2202168	200.0	173.4	
8 Butadiene	54	1.492	1.492	0.000	90	2630558	200.0	173.7	
9 Bromomethane	94	1.697	1.698	-0.001	99	771499	200.0	175.5	
10 Chloroethane	64	1.755	1.755	0.000	99	1333106	200.0	165.2	
11 Dichlorofluoromethane	67	1.880	1.881	-0.001	99	3454657	200.0	179.1	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	97	2353517	200.0	186.8	
13 Pentane	72	1.926	1.926	0.000	96	824499	400.0	372.9	
17 Ethanol	46	2.029	2.029	0.000	98	353952	8000.0	7812.5	
14 Ethyl ether	74	2.063	2.063	0.000	90	1199596	200.0	174.9	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	96	2597460	200.0	194.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.097	2.098	-0.001	98	1090816	200.0	156.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	98	2179545	200.0	166.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.201	-0.001	93	1436976	200.0	182.5	
52 Acrolein	56	2.200	2.212	-0.012	95	437154	200.0	211.7	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	91	1372060	200.0	173.6	
23 Acetone	43	2.292	2.292	0.000	84	4115536	1000.0	976.7	
21 Iodomethane	142	2.360	2.361	-0.001	99	1322407	200.0	202.2	
24 Isopropyl alcohol	45	2.360	2.361	-0.001	75	1251740	2000.0	1880.4	a
22 Carbon disulfide	76	2.395	2.395	0.000	100	5342159	200.0	172.6	
30 Methyl acetate	43	2.486	2.486	0.000	97	5244053	400.0	411.9	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	89	1363790	200.0	188.8	
25 Cyclopentene	67	2.509	2.509	0.000	94	5957444	200.0	194.1	
27 Acetonitrile	41	2.532	2.532	0.000	97	3170796	2000.0	1873.2	a
* 28 TBA-d9 (IS)	66	2.566	2.555	0.011	99	75080	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	2.589	2.589	0.000	93	1661255	200.0	177.7	
31 2-Methyl-2-propanol	59	2.612	2.623	-0.011	98	1884451	2000.0	1610.8	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	6031988	200.0	188.4	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	95	1551107	200.0	169.1	
35 Acrylonitrile	53	2.795	2.795	0.000	95	12140168	2000.0	2142.0	
36 Hexane	57	2.863	2.863	0.000	96	3567607	200.0	191.3	
37 Isopropyl ether	45	3.035	3.035	0.000	97	10130975	200.0	203.0	
38 1,1-Dichloroethane	63	3.080	3.081	-0.001	53	3943710	200.0	178.9	
40 Vinyl acetate	86	3.080	3.081	-0.001	100	893656	400.0	363.1	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	93	1654370	200.0	193.4	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	86	7668530	200.0	201.8	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	988173	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.504	-0.001	92	572079	200.0	187.8	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	64	1709123	200.0	179.4	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	1406853	1000.0	854.6	
47 Ethyl acetate	70	3.538	3.538	0.000	94	554803	400.0	352.5	
46 Methyl acrylate	55	3.595	3.595	0.000	98	2599850	200.0	220.7	
48 Propionitrile	54	3.663	3.664	-0.001	99	4206868	2000.0	2033.8	
49 Chlorobromomethane	128	3.743	3.744	-0.001	78	638242	200.0	179.8	
50 Tetrahydrofuran	72	3.743	3.744	-0.001	86	629049	400.0	376.6	
54 Methacrylonitrile	67	3.743	3.755	-0.012	97	11568643	2000.0	2152.5	e
51 Chloroform	83	3.789	3.789	0.000	96	3033147	200.0	179.9	
53 Cyclohexane	84	3.915	3.915	0.000	98	2844324	200.0	182.4	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	96	2560399	200.0	182.3	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	241284	50.0	52.0	
57 Carbon tetrachloride	117	4.040	4.041	-0.001	96	2038322	200.0	182.9	
58 1,1-Dichloropropene	75	4.063	4.064	-0.001	88	2712330	200.0	180.9	
61 Isobutyl alcohol	43	4.178	4.201	-0.023	95	5095748	5000.0	4916.0	
64 Isooctane	57	4.212	4.212	0.000	99	7748179	200.0	206.0	
59 Benzene	78	4.258	4.258	0.000	98	7911882	200.0	176.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	87	381941	50.0	51.1	
66 Isopropyl acetate	87	4.303	4.304	-0.001	95	1806134	200.0	199.3	
62 Tert-amyl methyl ether	73	4.303	4.304	-0.001	92	6466068	200.0	194.6	
63 1,2-Dichloroethane	62	4.338	4.349	-0.011	95	2660229	200.0	178.7	
65 n-Heptane	57	4.395	4.395	0.000	97	1550927	200.0	184.2	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	995271	50.0	50.0	
70 n-Butanol	56	4.841	4.875	-0.034	97	1202257	5000.0	5506.1	
69 Trichloroethene	95	4.886	4.887	-0.001	91	1631093	200.0	175.1	
71 Ethyl acrylate	99	5.001	5.012	-0.011	98	281618	200.0	198.4	
72 Methylcyclohexane	83	5.012	5.012	0.000	83	3052496	200.0	187.3	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	2224963	200.0	172.9	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	45	27889	1000.0	1000.0	M
74 Methyl methacrylate	100	5.252	5.252	0.000	94	1057523	400.0	418.5	
78 1,4-Dioxane	88	5.298	5.298	0.000	40	210091	4000.0	3094.5	
77 n-Propyl acetate	43	5.309	5.321	-0.012	97	5232035	200.0	215.2	
75 Dibromomethane	93	5.321	5.321	0.000	90	966230	200.0	170.6	
76 Dichlorobromomethane	83	5.481	5.481	0.000	97	2344223	200.0	185.7	
34 2-Nitropropane	41	5.812	5.812	0.000	98	1841538	400.0	401.1	
79 2-Chloroethyl vinyl ether	63	5.824	5.835	-0.011	91	1662627	200.5	218.6	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	5812741	4000.0	3878.3	
81 cis-1,3-Dichloropropene	75	5.995	6.007	-0.012	97	3310658	200.0	188.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.166	6.167	-0.001	97	16970828	1000.0	989.2	

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	6.258	6.258	0.000	97	1133514	50.0	48.2	
83 Toluene	91	6.338	6.338	0.000	92	7484163	200.0	178.4	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	96	3052421	200.0	190.1	
86 Ethyl methacrylate	69	6.761	6.772	-0.011	94	2851611	200.0	216.7	
87 1,1,2-Trichloroethane	83	6.967	6.967	-0.001	91	1368436	200.0	179.2	
88 Tetrachloroethene	166	7.012	7.012	0.000	92	1282693	200.0	174.0	
89 1,3-Dichloropropane	76	7.195	7.207	-0.012	94	3004134	200.0	181.7	
91 2-Hexanone	43	7.264	7.275	-0.011	98	11142583	1000.0	975.0	
92 n-Butyl acetate	43	7.412	7.424	-0.012	96	5362024	200.0	204.3	
90 Chlorodibromomethane	129	7.458	7.458	0.000	95	1402070	200.0	184.7	
93 Ethylene Dibromide	107	7.618	7.630	-0.012	98	1378408	200.0	181.7	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	94	618609	50.0	50.0	
95 Chlorobenzene	112	8.212	8.213	-0.001	87	3910176	200.0	172.2	
97 Ethylbenzene	106	8.304	8.304	0.000	99	2244998	200.0	177.7	
96 1,1,1,2-Tetrachloroethane	131	8.327	8.327	0.000	92	1299496	200.0	180.0	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	2746515	200.0	179.9	
100 o-Xylene	106	8.875	8.876	-0.001	91	2705150	200.0	184.6	
99 n-Butyl acrylate	73	8.887	8.887	0.000	94	1617428	200.0	199.8	
101 Styrene	104	8.910	8.910	0.000	92	4610060	200.0	198.9	
102 Amyl acetate (mixed isomers)	43	9.115	9.116	-0.001	85	5693435	200.0	213.6	
103 Bromoform	173	9.127	9.127	0.000	93	919684	200.0	196.4	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	6907993	200.0	185.4	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	234194	50.0	49.9	
107 Bromobenzene	156	9.572	9.573	-0.001	89	1353204	200.0	179.6	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	99	2132385	200.0	184.8	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	8835159	200.0	193.5	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	96	545531	200.0	178.7	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	87	912577	200.0	201.2	a
114 2-Chlorotoluene	91	9.744	9.744	0.000	95	5891998	200.0	188.9	
113 4-Ethyltoluene	105	9.755	9.756	-0.001	96	7148872	200.0	199.4	
116 1,3,5-Trimethylbenzene	105	9.812	9.813	-0.001	91	5495646	200.0	186.4	
110 4-Chlorotoluene	91	9.847	9.847	0.000	98	5436048	200.0	186.1	
117 Butyl Methacrylate	87	9.915	9.916	-0.001	92	2278050	200.0	202.6	
118 tert-Butylbenzene	119	10.087	10.087	0.000	90	4500378	200.0	183.6	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	98	5648501	200.0	189.6	
120 sec-Butylbenzene	105	10.281	10.281	0.000	99	6730320	200.0	193.2	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	96	5525070	200.0	199.3	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	71	2602357	200.0	186.3	
* 106 1,4-Dichlorobenzene-d4	152	10.475	10.476	-0.001	89	269956	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	88	2589515	200.0	177.0	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	99	6040312	200.0	201.4	
125 Benzyl chloride	91	10.613	10.613	0.000	97	4595058	200.0	213.7	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	5480516	200.0	197.1	
126 p-Diethylbenzene	119	10.715	10.716	-0.001	91	2908784	200.0	200.1	
127 n-Butylbenzene	92	10.738	10.739	-0.001	97	3044501	200.0	192.3	
128 1,2-Dichlorobenzene	146	10.795	10.796	-0.001	91	2460721	200.0	183.0	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	96	4956247	200.0	209.8	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	85	343095	200.0	179.2	
132 1,3,5-Trichlorobenzene	180	11.538	11.539	-0.001	95	1652621	200.0	192.2	
131 1,2,4-Trichlorobenzene	180	11.996	12.007	-0.011	92	1428661	200.0	178.5	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	90	550563	200.0	170.9	
134 Naphthalene	128	12.178	12.179	-0.001	98	4716194	200.0	212.1	

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	12.350	12.350	0.000	93	1302103	200.0	192.7	
S 136 1,2-Dichloroethene, Total	100				0		400.0	348.5	
S 137 Xylenes, Total	100				0		400.0	364.5	
S 138 1,3-Dichloropropene, Total	1				0		400.0	378.3	
S 139 Total BTEX	1				0		1000.0	897.3	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00425	Amount Added:	20.00	Units: uL	
MIX I Hi_00155	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	20.00	Units: uL	
Ethanol mix_00069	Amount Added:	20.00	Units: uL	
8FreonHi_00049	Amount Added:	20.00	Units: uL	
ACROLEIN W_00144	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Oct-2022 10:12:13 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25696.D

Injection Date: 01-Oct-2022 17:59:30 Instrument ID: CVOAMS7

Lims ID: STD200

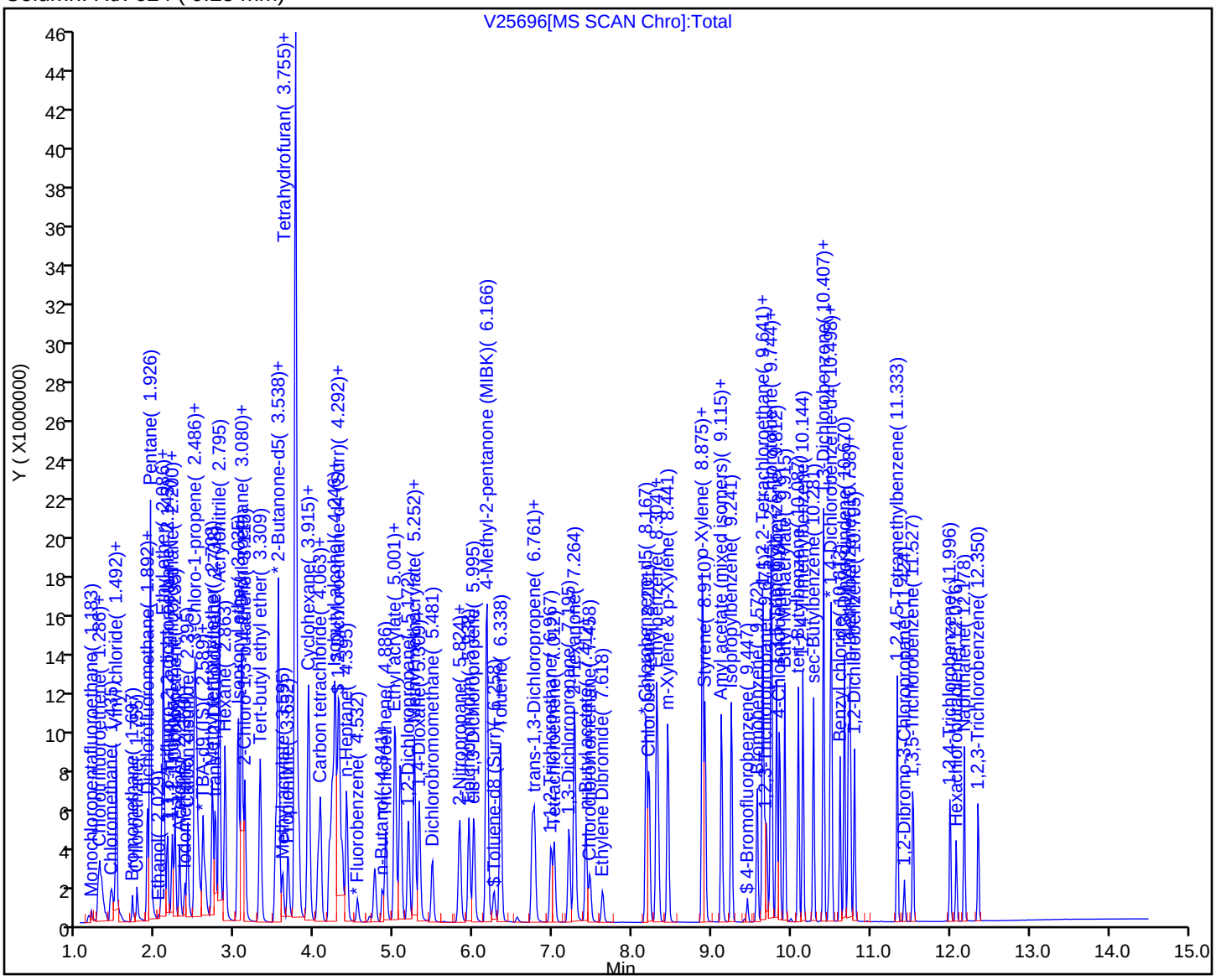
Client ID:

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)



Manual Integration/User Assign Peak Report

Eurofins Edison

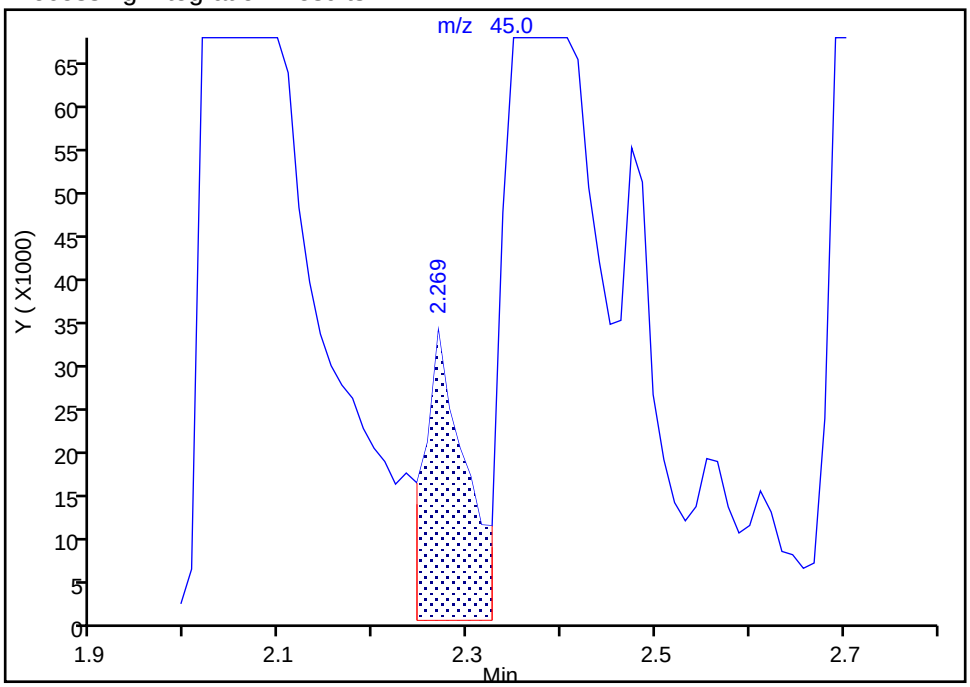
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Injection Date: 01-Oct-2022 17:59:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

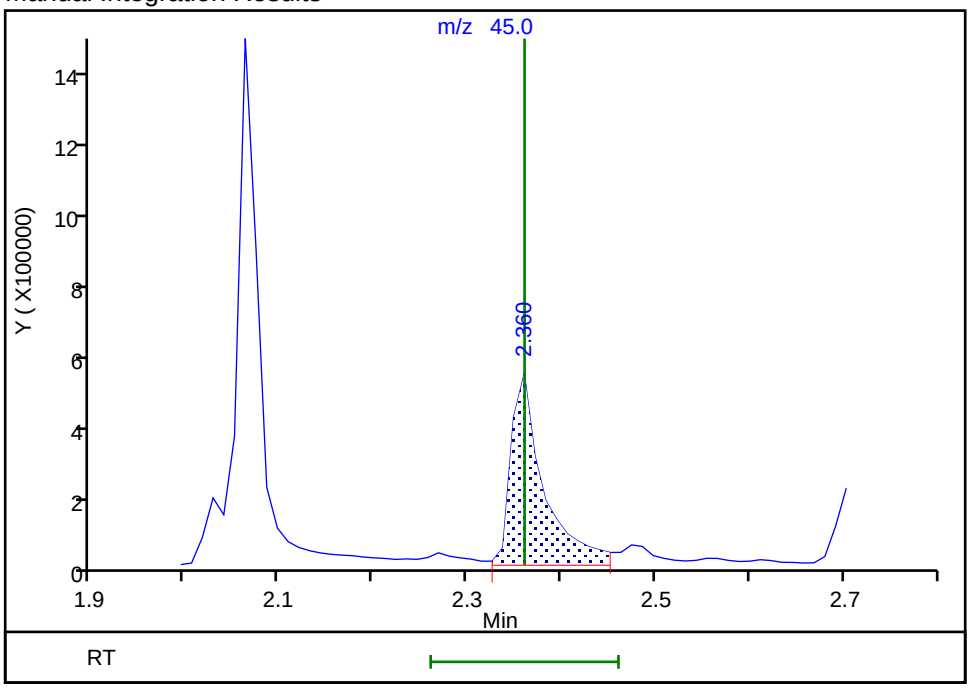
Processing Integration Results

RT: 2.27
Area: 104234
Amount: 285.6166
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 1251740
Amount: 1880.4042
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:08:52
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

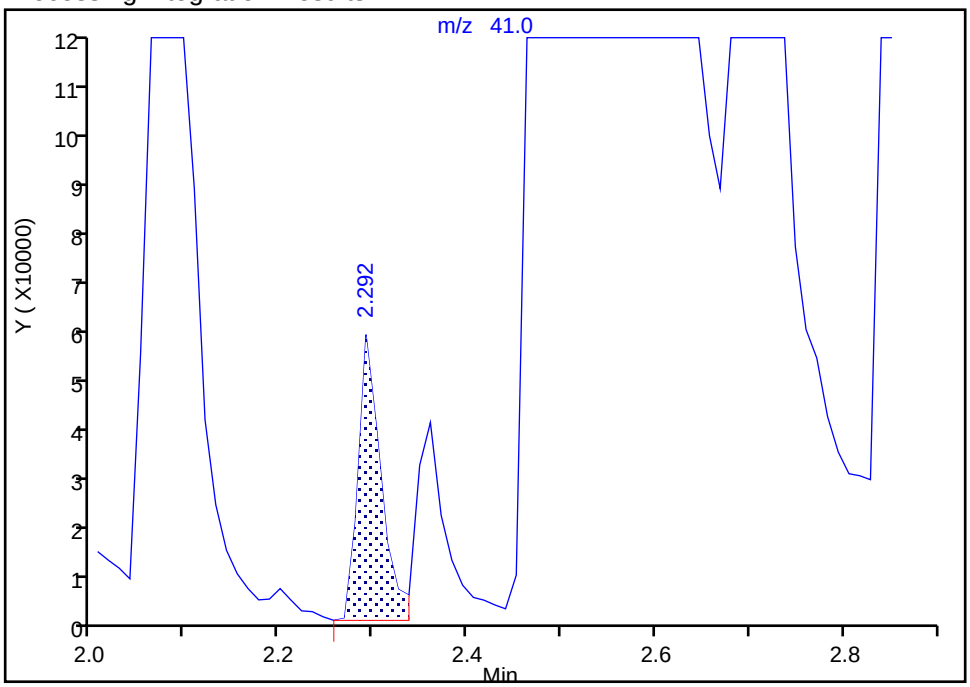
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Injection Date: 01-Oct-2022 17:59:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

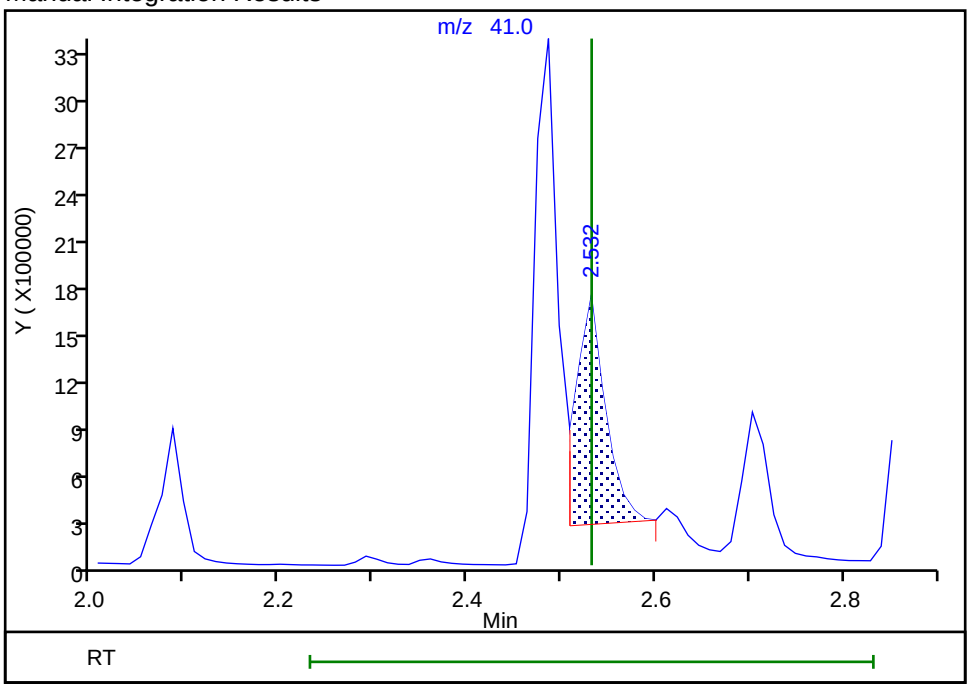
Processing Integration Results

RT: 2.29
Area: 97254
Amount: 51.696646
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 3170796
Amount: 1873.1561
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:09:06
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

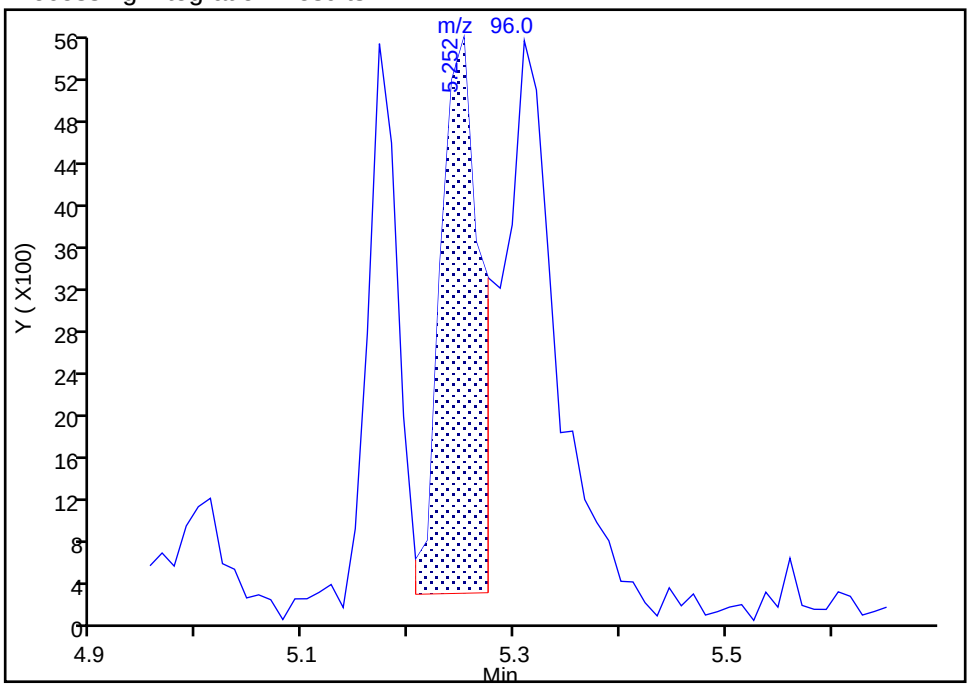
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Injection Date: 01-Oct-2022 17:59:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

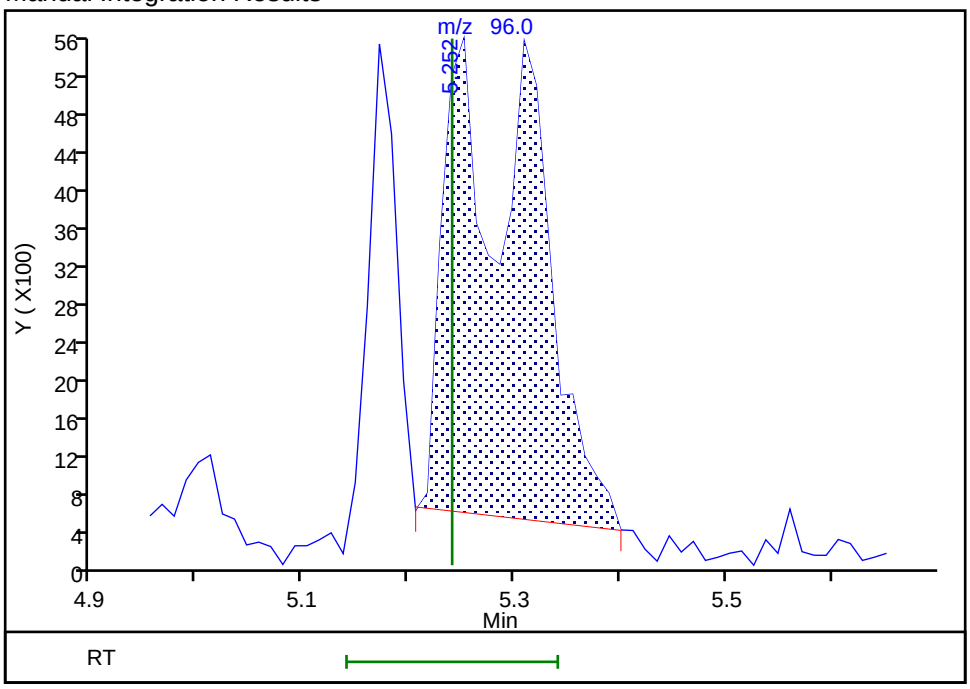
Processing Integration Results

RT: 5.25
Area: 13867
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.25
Area: 27889
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:47:33
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

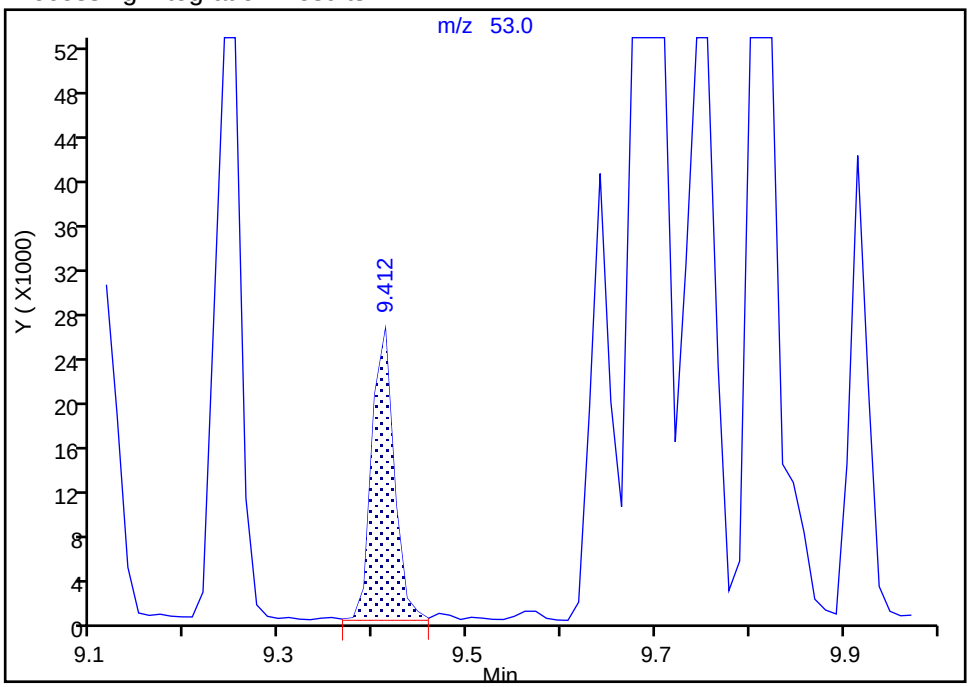
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Injection Date: 01-Oct-2022 17:59:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

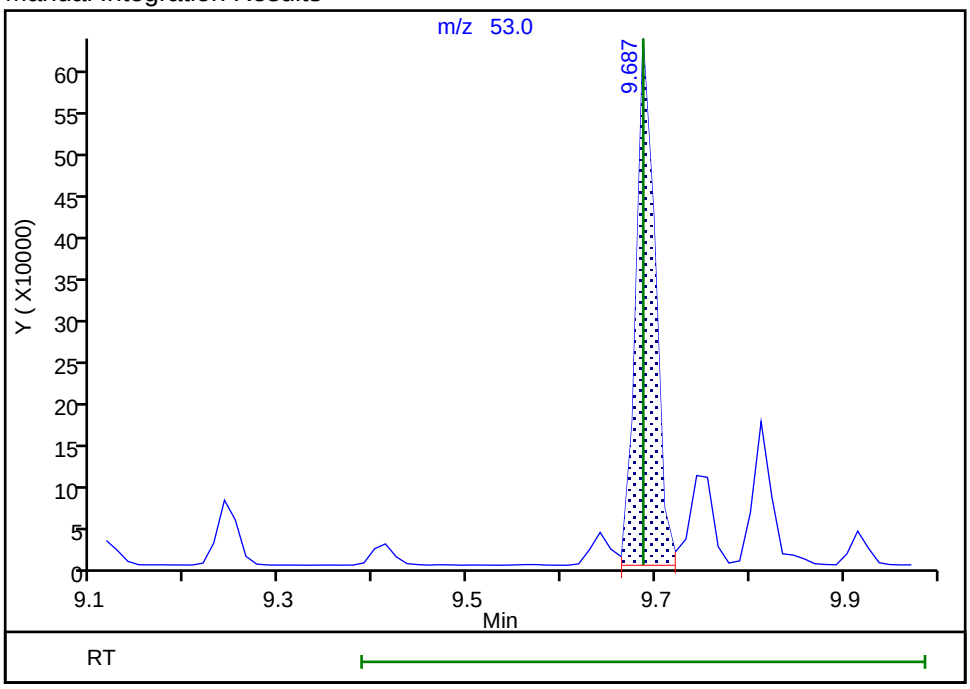
Processing Integration Results

RT: 9.41
Area: 42741
Amount: 20.493701
Amount Units: ug/l



Manual Integration Results

RT: 9.69
Area: 912577
Amount: 201.1745
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:10:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 01-Oct-2022 18:20:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0151144-010
Misc. Info.: 460-0151144-010
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:12:22 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: W9CM Date: 02-Oct-2022 09:12:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	43	454659	500.0	517.3	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	96	1632479	500.0	614.3	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	92	2846101	500.0	437.8	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	5638303	500.0	468.4	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	1001487	500.0	456.7	
6 Chloromethane	50	1.435	1.435	0.000	100	7972453	500.0	411.2	
7 Vinyl chloride	62	1.480	1.481	0.000	99	6034350	500.0	443.1	
8 Butadiene	54	1.503	1.492	0.011	92	7328512	500.0	451.3	
9 Bromomethane	94	1.698	1.698	0.000	98	2361535	500.0	501.1	
10 Chloroethane	64	1.755	1.755	0.000	99	3551705	500.0	410.5	
11 Dichlorofluoromethane	67	1.881	1.881	0.000	98	9440071	500.0	456.5	M
12 Trichlorofluoromethane	101	1.892	1.892	0.000	96	6460292	500.0	478.1	
13 Pentane	72	1.926	1.926	0.000	95	2257950	1000.0	952.4	
17 Ethanol	46	2.063	2.029	0.034	89	966558	20000	20031	
14 Ethyl ether	74	2.063	2.063	0.000	91	3324859	500.0	452.0	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	97	7321190	500.0	510.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	83	3420013	500.0	458.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	7122526	500.0	506.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.201	2.201	0.000	92	4255664	500.0	504.1	
52 Acrolein	56	2.212	2.212	0.000	95	938411	400.0	423.8	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	90	3952309	500.0	466.3	
23 Acetone	43	2.292	2.292	0.000	84	11876015	2500.0	2502.5	
21 Iodomethane	142	2.361	2.361	0.000	100	3820579	500.0	499.7	
24 Isopropyl alcohol	45	2.361	2.361	0.000	90	2845501	5000.0	3681.7	a
22 Carbon disulfide	76	2.395	2.395	0.000	100	14987915	500.0	451.7	e
30 Methyl acetate	43	2.486	2.486	0.000	97	13805728	1000.0	1011.3	e
26 3-Chloro-1-propene	76	2.486	2.486	0.000	87	4066188	500.0	525.0	
25 Cyclopentene	67	2.509	2.509	0.000	94	15613328	500.0	474.5	a
27 Acetonitrile	41	2.532	2.532	0.000	95	9632128	5000.0	5726.8	a
* 28 TBA-d9 (IS)	66	2.566	2.555	0.011	97	87172	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	2.589	2.589	0.000	94	4637627	500.0	462.7	
31 2-Methyl-2-propanol	59	2.623	2.623	0.000	97	5253816	5000.0	3868.0	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	16861644	500.0	491.2	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	95	4578623	500.0	465.4	
35 Acrylonitrile	53	2.795	2.795	0.000	89	23597673	5000.0	3882.8	e
36 Hexane	57	2.863	2.863	0.000	96	10214461	500.0	510.7	
37 Isopropyl ether	45	3.023	3.035	-0.012	93	22076295	500.0	412.5	e
38 1,1-Dichloroethane	63	3.081	3.081	0.000	99	11020696	500.0	466.1	
40 Vinyl acetate	86	3.081	3.081	0.000	99	2520413	1000.0	1030.7	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	92	4811412	500.0	524.4	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	90	19476370	500.0	477.9	e
* 42 2-Butanone-d5	46	3.492	3.492	0.000	91	981862	250.0	250.0	
43 2,2-Dichloropropane	97	3.515	3.504	0.011	94	1635652	500.0	501.3	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	82	4849641	500.0	474.7	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	98	3812437	2500.0	2330.6	
47 Ethyl acetate	70	3.538	3.538	0.000	90	1511852	1000.0	966.7	
46 Methyl acrylate	55	3.595	3.595	0.000	98	7401724	500.0	585.9	
48 Propionitrile	54	3.664	3.664	0.000	99	11251664	5000.0	5072.7	
49 Chlorobromomethane	128	3.755	3.744	0.011	78	1733892	500.0	455.6	
50 Tetrahydrofuran	72	3.744	3.744	0.000	93	1741948	1000.0	972.5	
54 Methacrylonitrile	67	3.755	3.755	0.000	88	23126176	5000.0	4012.7	e
51 Chloroform	83	3.801	3.789	0.012	96	8773566	500.0	485.3	
53 Cyclohexane	84	3.915	3.915	0.000	97	8377158	500.0	501.0	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	97	7584514	500.0	503.7	
$ 56 Dibromofluoromethane (Surr)	113	3.949	3.938	0.011	96	239986	50.0	48.2	
57 Carbon tetrachloride	117	4.041	4.041	0.000	97	6116341	500.0	511.8	
58 1,1-Dichloropropene	75	4.075	4.064	0.011	89	8046902	500.0	500.6	
61 Isobutyl alcohol	43	4.189	4.201	-0.012	93	13497378	12500	12514	
64 Isooctane	57	4.224	4.212	0.012	98	20511314	500.0	508.6	
59 Benzene	78	4.246	4.258	-0.012	97	20107173	500.0	454.5	e
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	88	388341	50.0	48.5	
66 Isopropyl acetate	87	4.304	4.304	0.000	96	4968178	500.0	511.3	
62 Tert-amyl methyl ether	73	4.304	4.304	0.000	93	18296825	500.0	513.5	
63 1,2-Dichloroethane	62	4.349	4.349	0.000	96	7431869	500.0	465.4	
65 n-Heptane	57	4.395	4.395	0.000	96	4401083	500.0	487.5	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	1067240	50.0	50.0	
70 n-Butanol	56	4.841	4.875	-0.034	96	3454486	12500	13626	
69 Trichloroethene	95	4.887	4.887	0.000	91	4765492	500.0	477.0	
71 Ethyl acrylate	99	5.001	5.012	-0.011	98	785928	500.0	500.2	
72 Methylcyclohexane	83	5.012	5.012	0.000	84	8763539	500.0	501.6	
73 1,2-Dichloropropane	63	5.184	5.172	0.012	88	6183296	500.0	448.1	
* 68 1,4-Dioxane-d8	96	5.321	5.241	0.080	44	49448	1000.0	1000.0	M
74 Methyl methacrylate	100	5.252	5.252	0.000	94	2878119	1000.0	1062.2	
78 1,4-Dioxane	88	5.298	5.298	0.000	34	584498	10000	4855.7	
77 n-Propyl acetate	43	5.309	5.321	-0.012	97	13913325	500.0	533.8	
75 Dibromomethane	93	5.321	5.321	0.000	90	2686618	500.0	442.4	
76 Dichlorobromomethane	83	5.481	5.481	0.000	97	6581060	500.0	486.2	
34 2-Nitropropane	41	5.812	5.812	0.000	97	4884282	1000.0	992.2	
79 2-Chloroethyl vinyl ether	63	5.824	5.835	-0.011	92	4416093	501.2	541.6	
80 Epichlorohydrin	57	5.938	5.938	0.000	99	15773217	10000	10592	
81 cis-1,3-Dichloropropene	75	6.007	6.007	0.000	98	9085067	500.0	523.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.167	-0.012	91	29547524	2500.0	1733.4	e

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	6.258	6.258	0.000	97	1151230	50.0	49.6	
83 Toluene	91	6.338	6.338	0.000	95	19798377	500.0	477.9	e
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	8300569	500.0	523.4	
86 Ethyl methacrylate	69	6.772	6.772	0.000	95	7893914	500.0	607.4	
87 1,1,2-Trichloroethane	83	6.978	6.967	0.011	92	3599458	500.0	477.3	
88 Tetrachloroethene	166	7.012	7.012	0.000	92	3663476	500.0	503.3	
89 1,3-Dichloropropane	76	7.207	7.207	0.000	94	7979111	500.0	488.6	
91 2-Hexanone	43	7.264	7.275	-0.011	95	24457487	2500.0	2152.5	e
92 n-Butyl acetate	43	7.412	7.424	-0.012	96	14004685	500.0	540.3	
90 Chlorodibromomethane	129	7.470	7.458	0.012	96	3758369	500.0	501.4	
93 Ethylene Dibromide	107	7.618	7.630	-0.012	98	3664224	500.0	489.0	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	92	610916	50.0	50.0	
95 Chlorobenzene	112	8.213	8.213	0.000	86	10496063	500.0	467.9	
97 Ethylbenzene	106	8.304	8.304	0.000	99	6088686	500.0	488.1	
96 1,1,1,2-Tetrachloroethane	131	8.327	8.327	0.000	93	3409315	500.0	478.1	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	98	7496276	500.0	497.2	
100 o-Xylene	106	8.876	8.876	0.000	91	7160306	500.0	494.8	
99 n-Butyl acrylate	73	8.887	8.887	0.000	92	4272119	500.0	534.1	
101 Styrene	104	8.910	8.910	0.000	91	12240922	500.0	534.9	
102 Amyl acetate (mixed isomers)	43	9.116	9.116	0.000	89	13969842	500.0	512.0	e
103 Bromoform	173	9.127	9.127	0.000	93	2469758	500.0	534.1	
104 Isopropylbenzene	105	9.241	9.241	0.000	98	15636214	500.0	424.8	e
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	219485	50.0	47.3	
107 Bromobenzene	156	9.573	9.573	0.000	88	3656472	500.0	474.2	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	5789220	500.0	490.1	
109 N-Propylbenzene	91	9.641	9.641	0.000	96	16616620	500.0	355.5	e
115 1,2,3-Trichloropropane	110	9.676	9.664	0.012	95	1505540	500.0	481.9	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	87	2521810	500.0	543.1	a
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	14366211	500.0	449.9	e
113 4-Ethyltoluene	105	9.756	9.756	0.000	88	15839360	500.0	431.7	e
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	93	13916226	500.0	461.0	e
110 4-Chlorotoluene	91	9.858	9.847	0.011	99	14359361	500.0	480.2	e
117 Butyl Methacrylate	87	9.916	9.916	0.000	93	6353568	500.0	551.5	
118 tert-Butylbenzene	119	10.087	10.087	0.000	90	12347381	500.0	492.1	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	97	13702400	500.0	449.3	e
120 sec-Butylbenzene	105	10.281	10.281	0.000	92	14830397	500.0	415.9	e
121 4-Isopropyltoluene	119	10.407	10.407	0.000	91	12921510	500.0	455.3	e
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	78	7311240	500.0	511.2	
* 106 1,4-Dichlorobenzene-d4	152	10.476	10.476	0.000	93	276324	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.499	10.487	0.012	90	7392948	500.0	493.7	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	94	13602351	500.0	443.2	e
125 Benzyl chloride	91	10.613	10.613	0.000	96	11623575	500.0	528.2	e
111 2,3-Dihydroindene	117	10.670	10.670	0.000	95	12387026	500.0	435.2	e
126 p-Diethylbenzene	119	10.727	10.716	0.011	93	8077986	500.0	543.0	
127 n-Butylbenzene	92	10.739	10.739	0.000	95	8519410	500.0	525.8	
128 1,2-Dichlorobenzene	146	10.796	10.796	0.000	91	6872614	500.0	499.4	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	11888695	500.0	491.6	e
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	86	984456	500.0	502.3	
132 1,3,5-Trichlorobenzene	180	11.539	11.539	0.000	96	4535309	500.0	515.2	
131 1,2,4-Trichlorobenzene	180	11.996	12.007	-0.011	92	4012789	500.0	489.8	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	90	1546520	500.0	468.9	
134 Naphthalene	128	12.179	12.179	0.000	95	11425798	500.0	502.1	e

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	12.350	12.350	0.000	93	3663267	500.0	529.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	940.2	
S 137 Xylenes, Total	100				0		1000.0	992.0	
S 138 1,3-Dichloropropene, Total	1				0		1000.0	1046.5	
S 139 Total BTEX	1				0		2500.0	2412.5	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00425	Amount Added:	50.00	Units: uL	
MIX I Hi_00155	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	50.00	Units: uL	
Ethanol mix_00069	Amount Added:	50.00	Units: uL	
8FreonHi_00049	Amount Added:	50.00	Units: uL	
ACROLEIN W_00144	Amount Added:	40.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Oct-2022 10:12:23 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Injection Date: 01-Oct-2022 18:20:30 Instrument ID: CVOAMS7

Lims ID: STD500

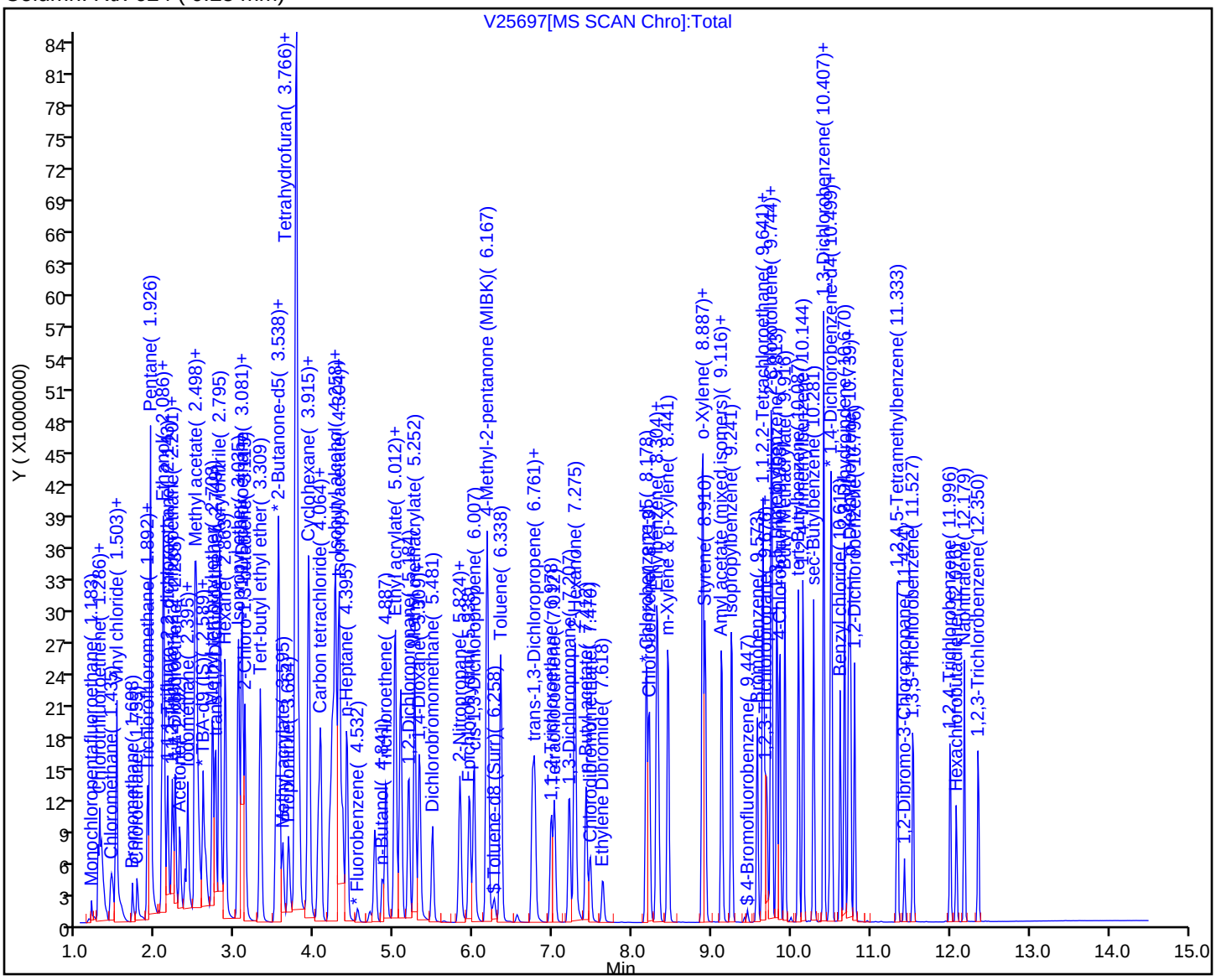
Client ID:

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 Edison

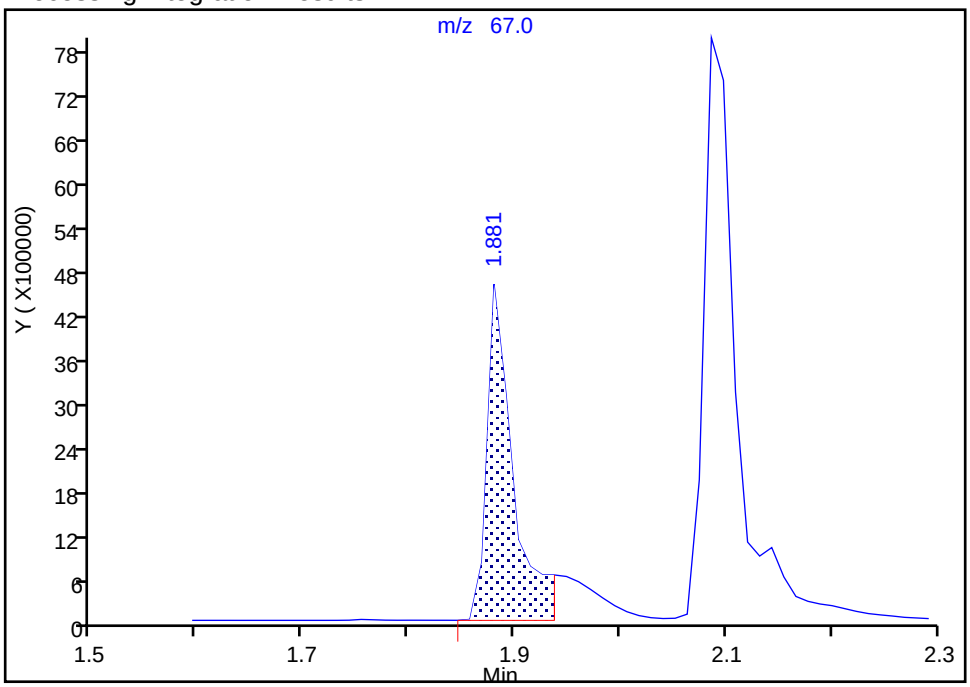
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Injection Date: 01-Oct-2022 18:20:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

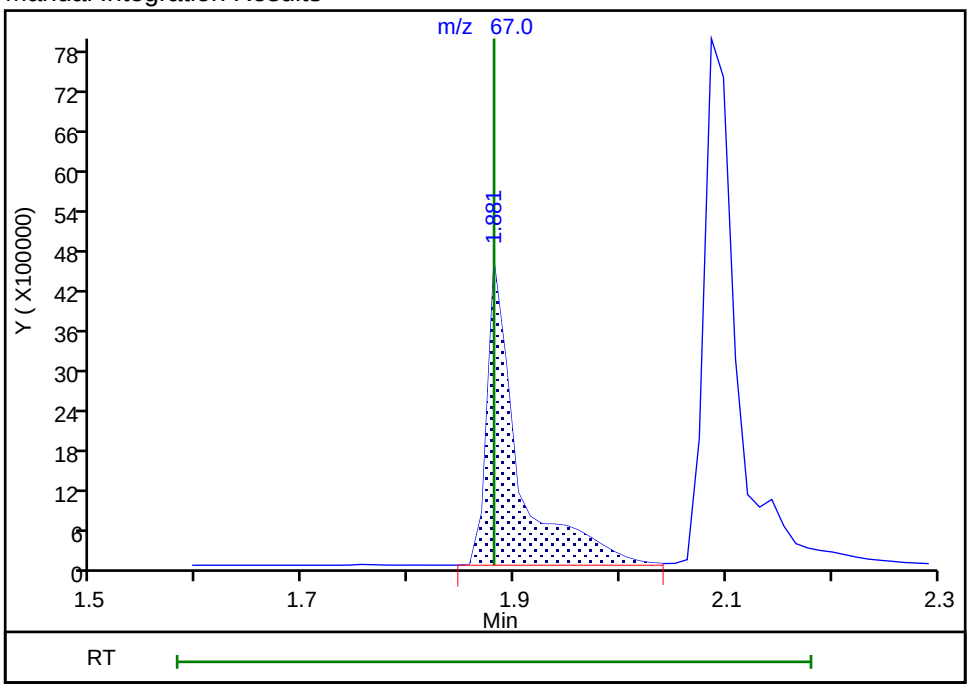
Processing Integration Results

RT: 1.88
Area: 7882018
Amount: 389.3658
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 9440071
Amount: 456.5021
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:11:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

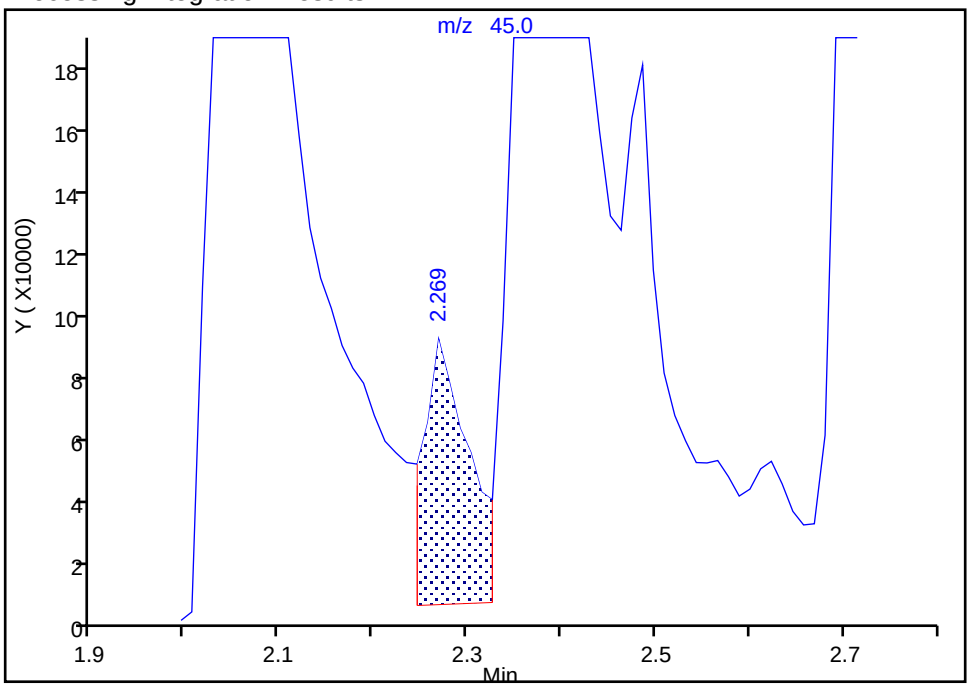
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Injection Date: 01-Oct-2022 18:20:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

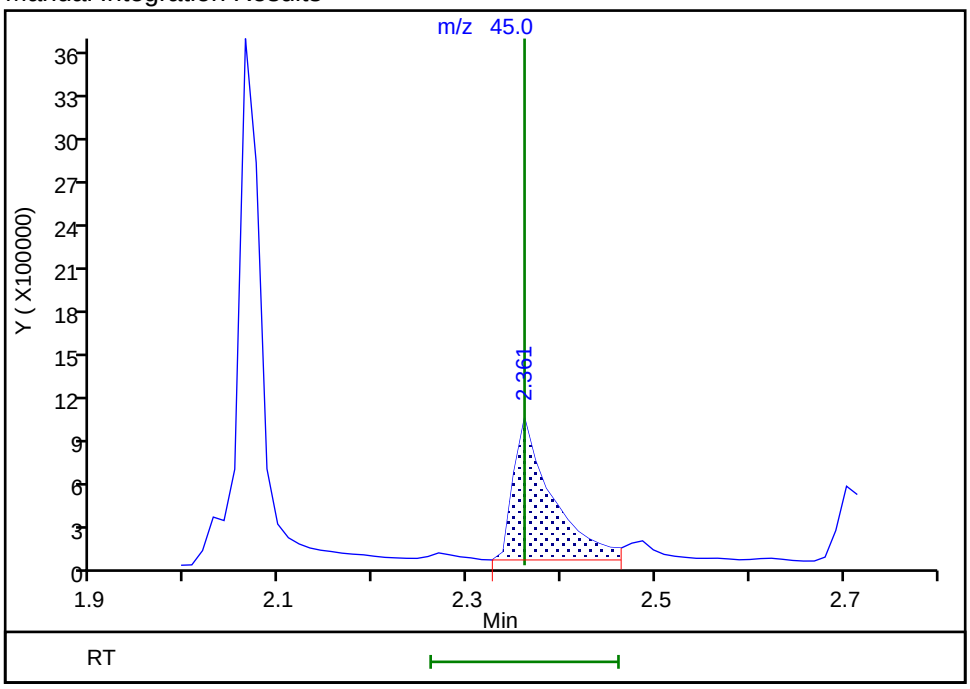
Processing Integration Results

RT: 2.27
Area: 283633
Amount: 546.6198
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 2845501
Amount: 3681.6548
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:11:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

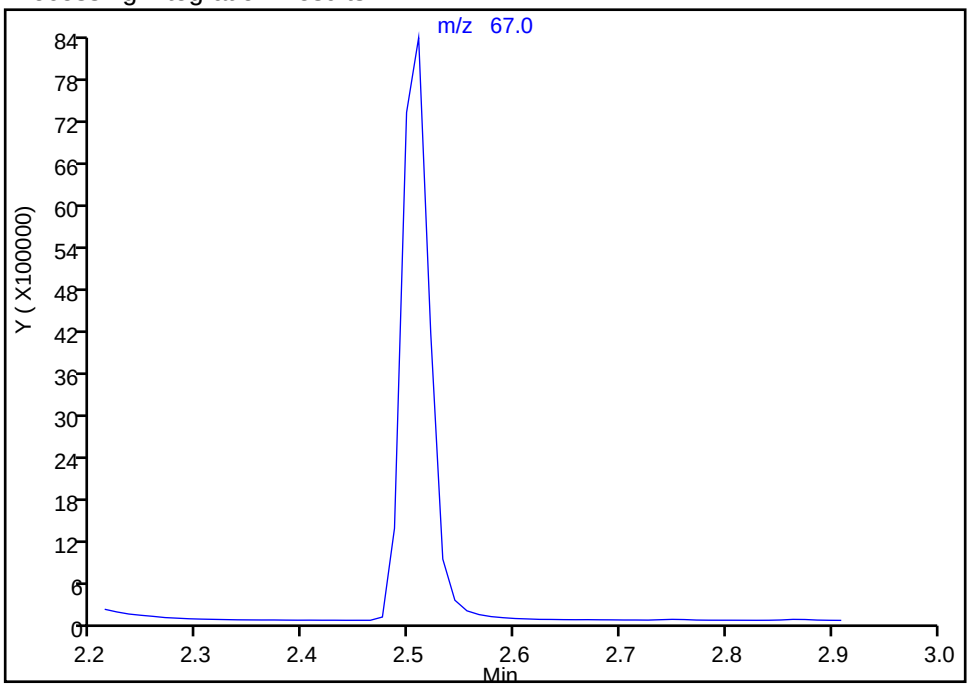
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Injection Date: 01-Oct-2022 18:20:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

25 Cyclopentene, CAS: 142-29-0

Signal: 1

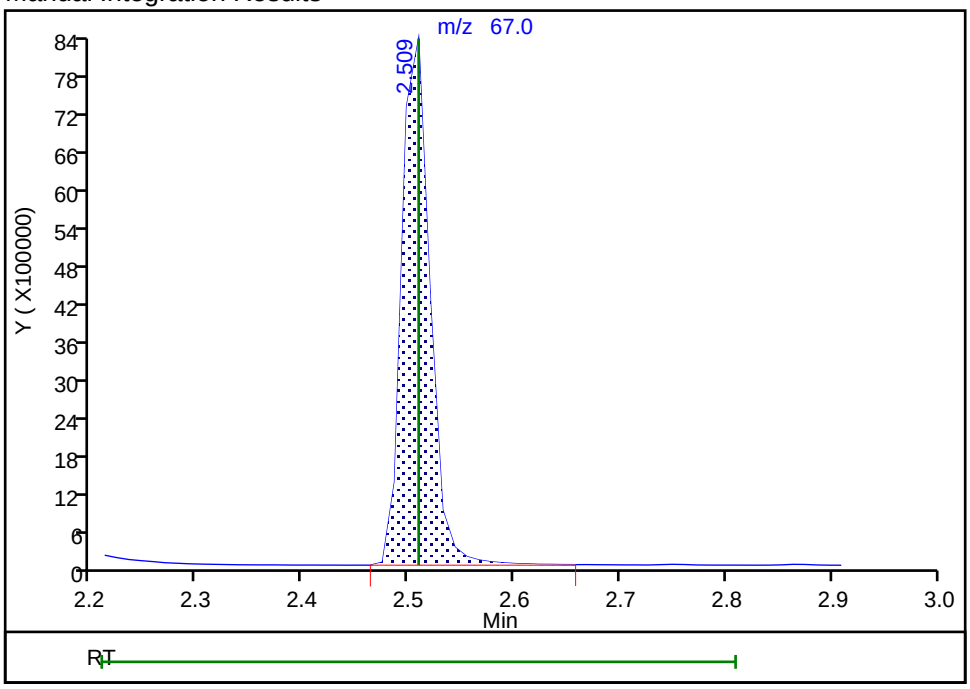
Not Detected
Expected RT: 2.51

Processing Integration Results



Manual Integration Results

RT: 2.51
Area: 15613328
Amount: 474.4727
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:12:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

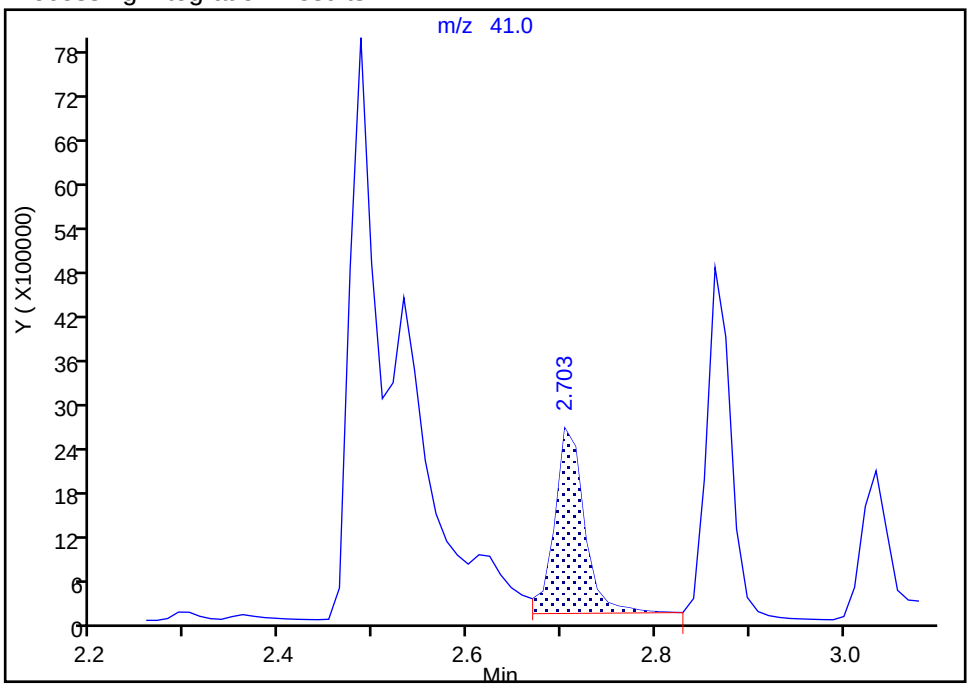
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Injection Date: 01-Oct-2022 18:20:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

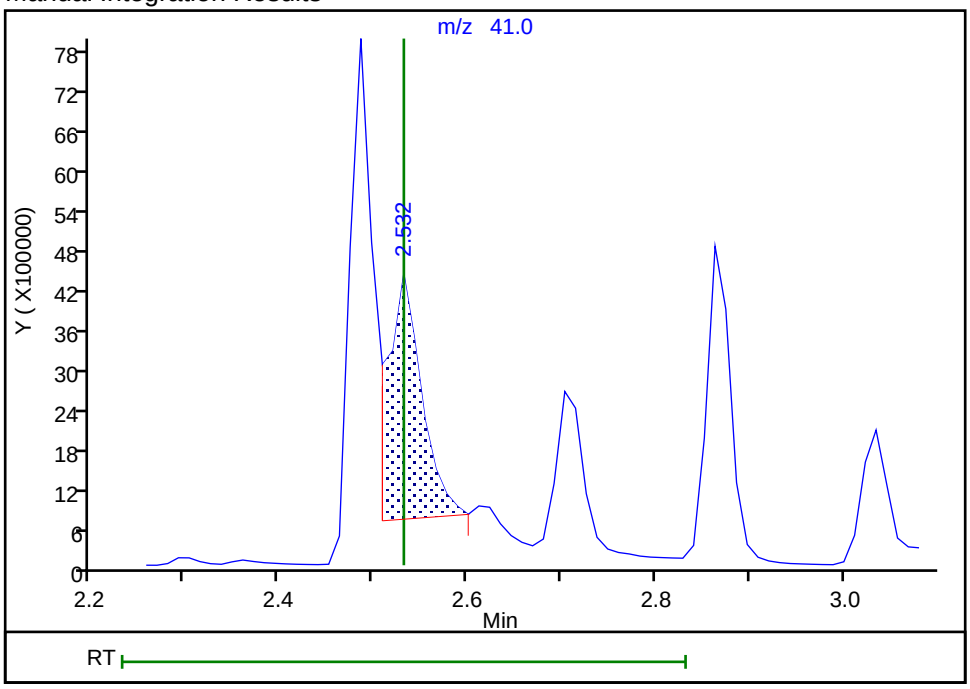
Processing Integration Results

RT: 2.70
Area: 5607809
Amount: 4997.4339
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 9632128
Amount: 5726.7793
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:12:06
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

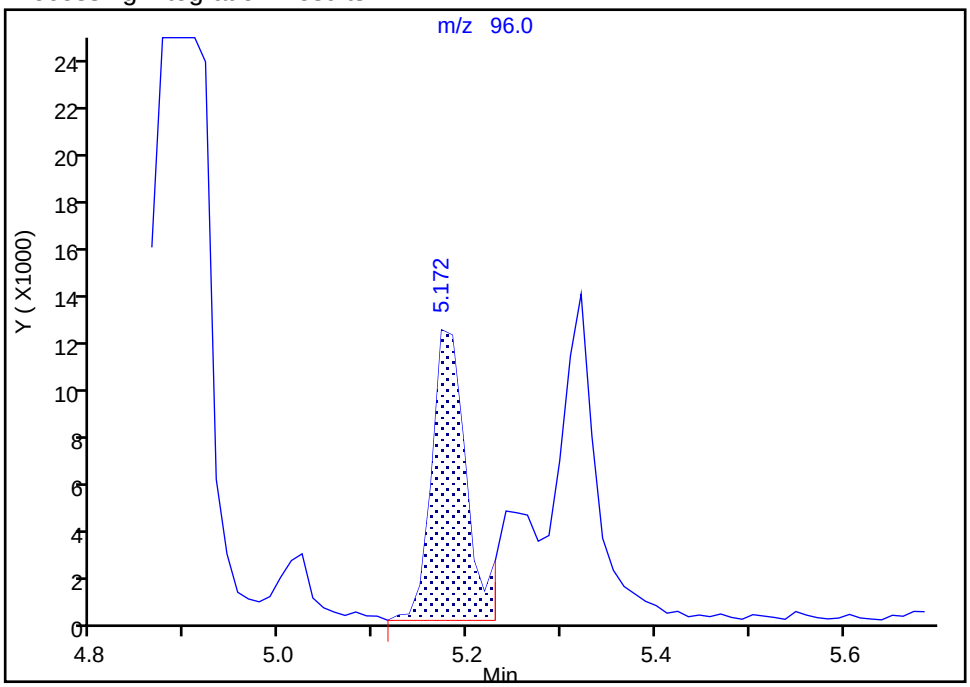
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Injection Date: 01-Oct-2022 18:20:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

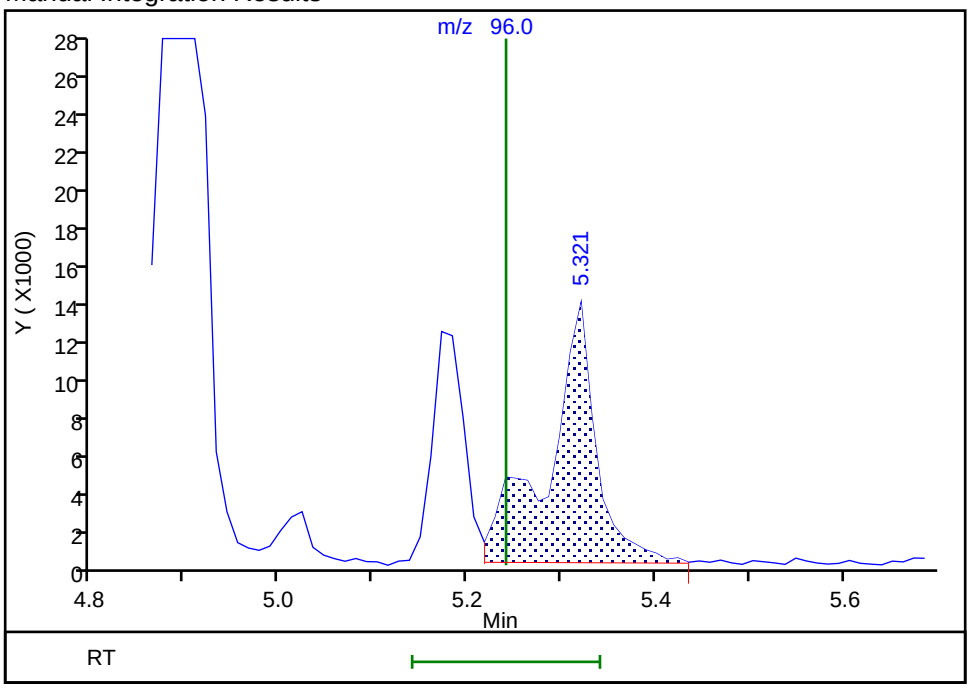
Processing Integration Results

RT: 5.17
Area: 31808
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 49448
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:11:12
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

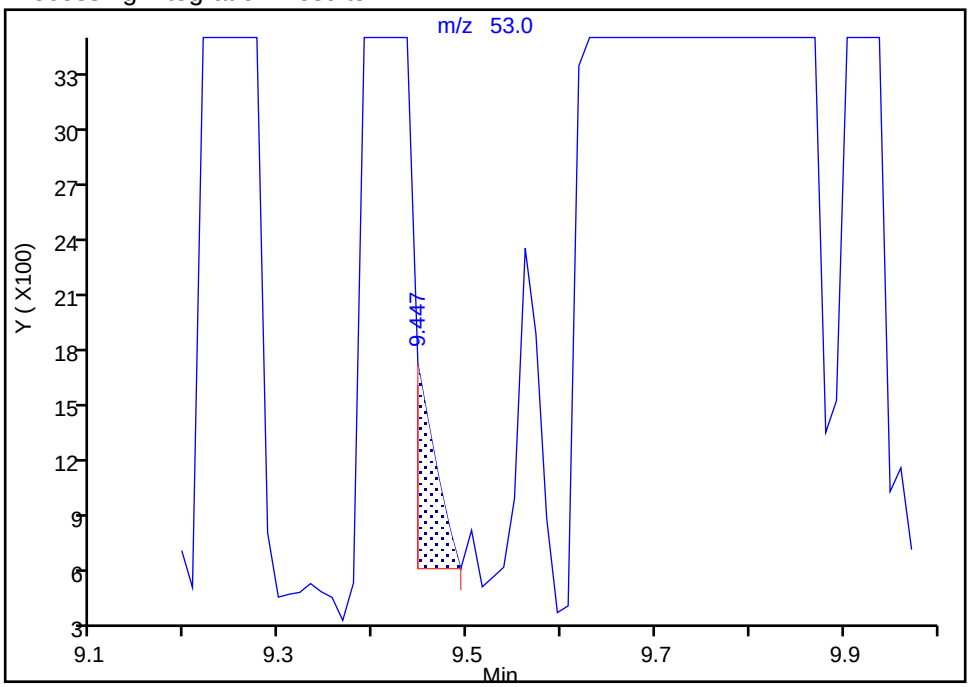
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Injection Date: 01-Oct-2022 18:20:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

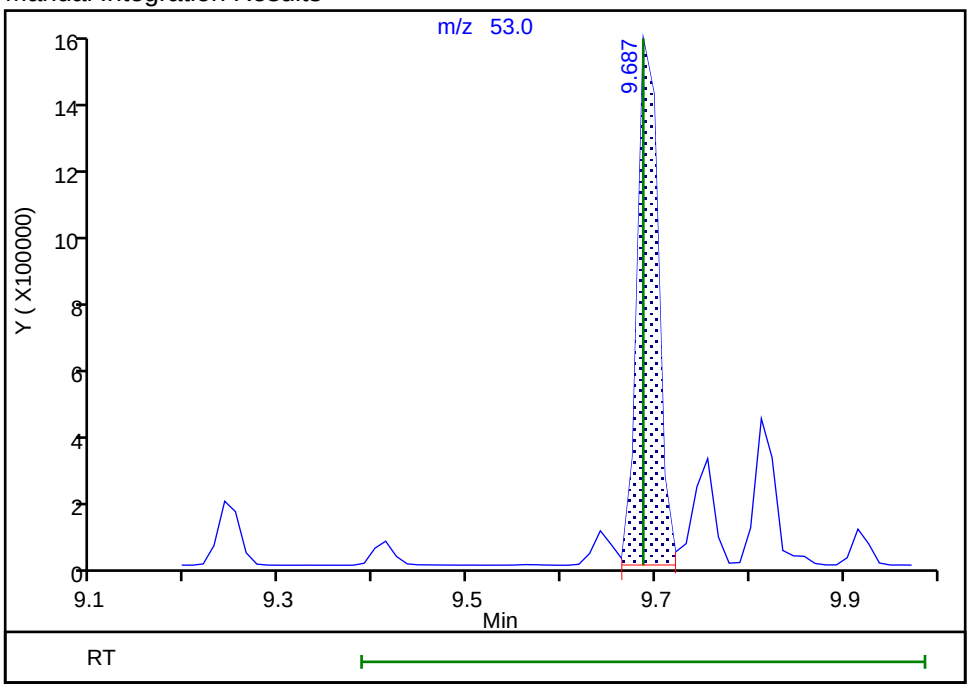
Processing Integration Results

RT: 9.45
Area: 1718
Amount: 0.620053
Amount Units: ug/l



Manual Integration Results

RT: 9.69
Area: 2521810
Amount: 543.1128
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 09:12:31
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

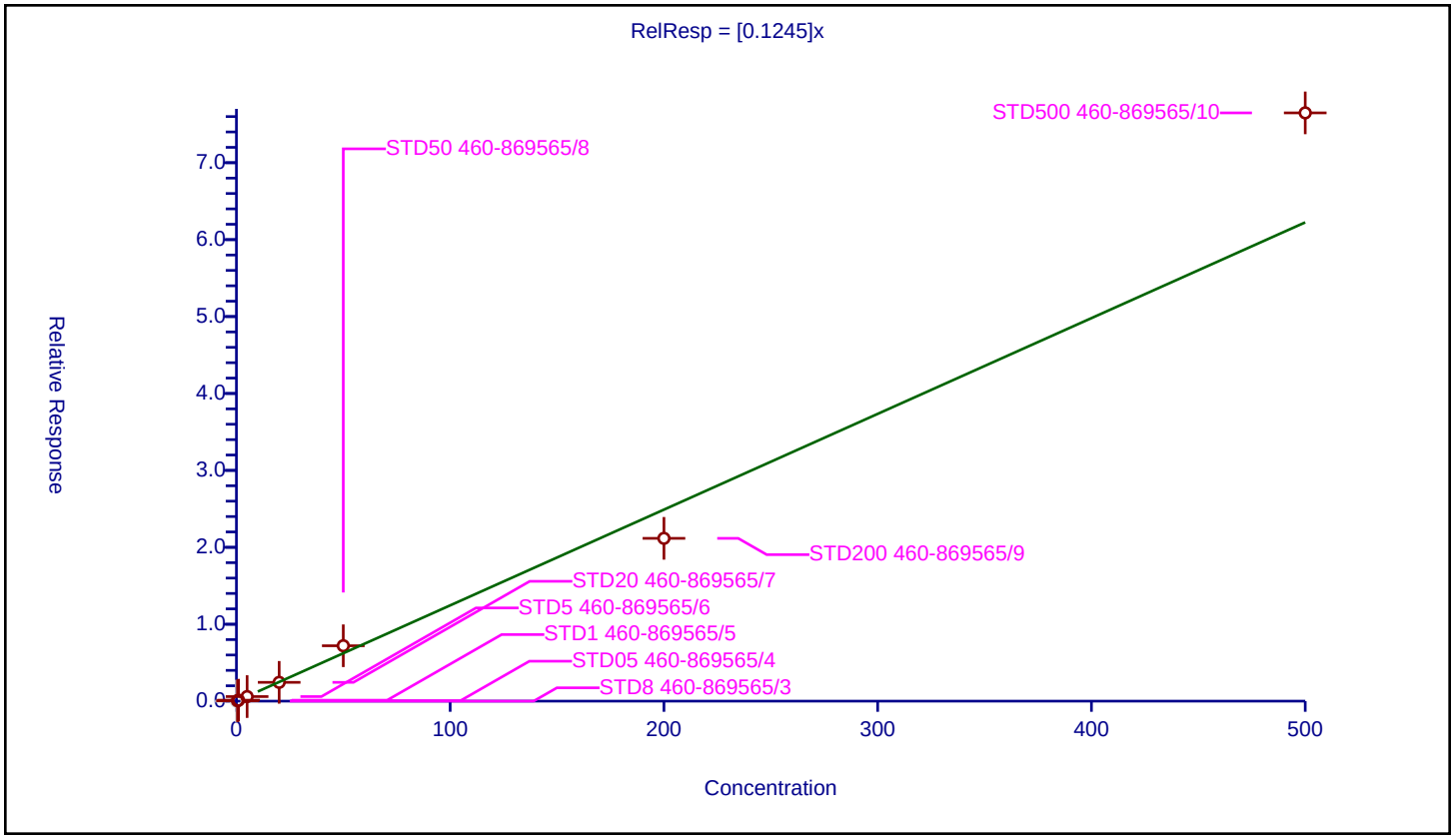
Curve Coefficients

Intercept:	0
Slope:	0.1245

Error Coefficients

Standard Error:	690000
Relative Standard Error:	14.6
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.052158	50.0	721845.0	0.104316	Y
3	STD1 460-869565/5	1.0	0.123088	50.0	736467.0	0.123088	Y
4	STD5 460-869565/6	5.0	0.595157	50.0	753415.0	0.119031	Y
5	STD20 460-869565/7	20.0	2.443507	50.0	836380.0	0.122175	Y
6	STD50 460-869565/8	50.0	7.202015	50.0	828171.0	0.14404	Y
7	STD200 460-869565/9	200.0	21.166898	50.0	995271.0	0.105834	Y
8	STD500 460-869565/10	500.0	76.481344	50.0	1067240.0	0.152963	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

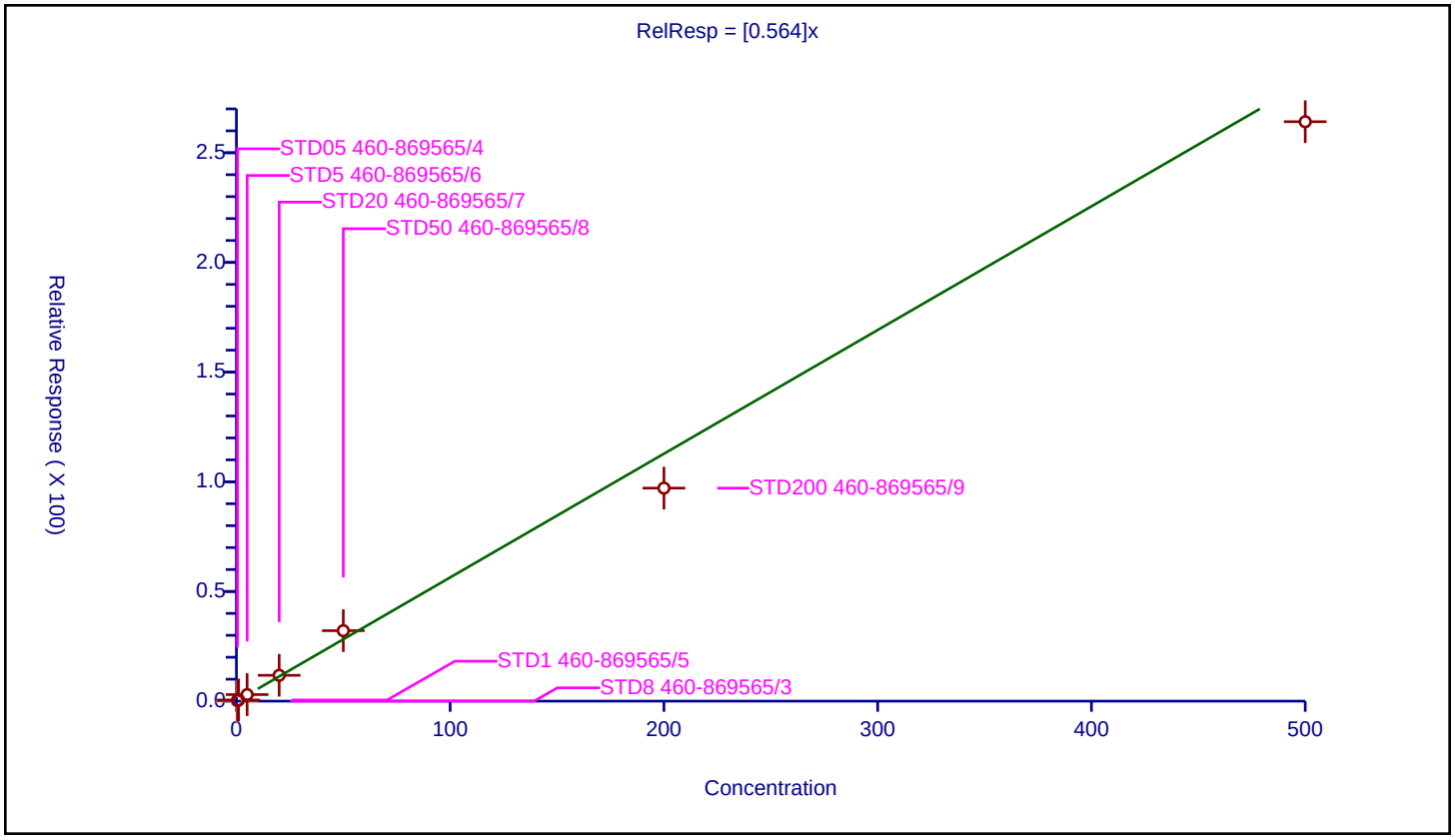
Curve Coefficients

Intercept:	0
Slope:	0.564

Error Coefficients

Standard Error:	2440000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.0	50.0	801538.0	0.0	N
2	STD05 460-869565/4	0.5	0.287804	50.0	721845.0	0.575608	Y
3	STD1 460-869565/5	1.0	0.530302	50.0	736467.0	0.530302	Y
4	STD5 460-869565/6	5.0	2.985738	50.0	753415.0	0.597148	Y
5	STD20 460-869565/7	20.0	11.766302	50.0	836380.0	0.588315	Y
6	STD50 460-869565/8	50.0	32.118729	50.0	828171.0	0.642375	Y
7	STD200 460-869565/9	200.0	97.123196	50.0	995271.0	0.485616	Y
8	STD500 460-869565/10	500.0	264.153471	50.0	1067240.0	0.528307	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

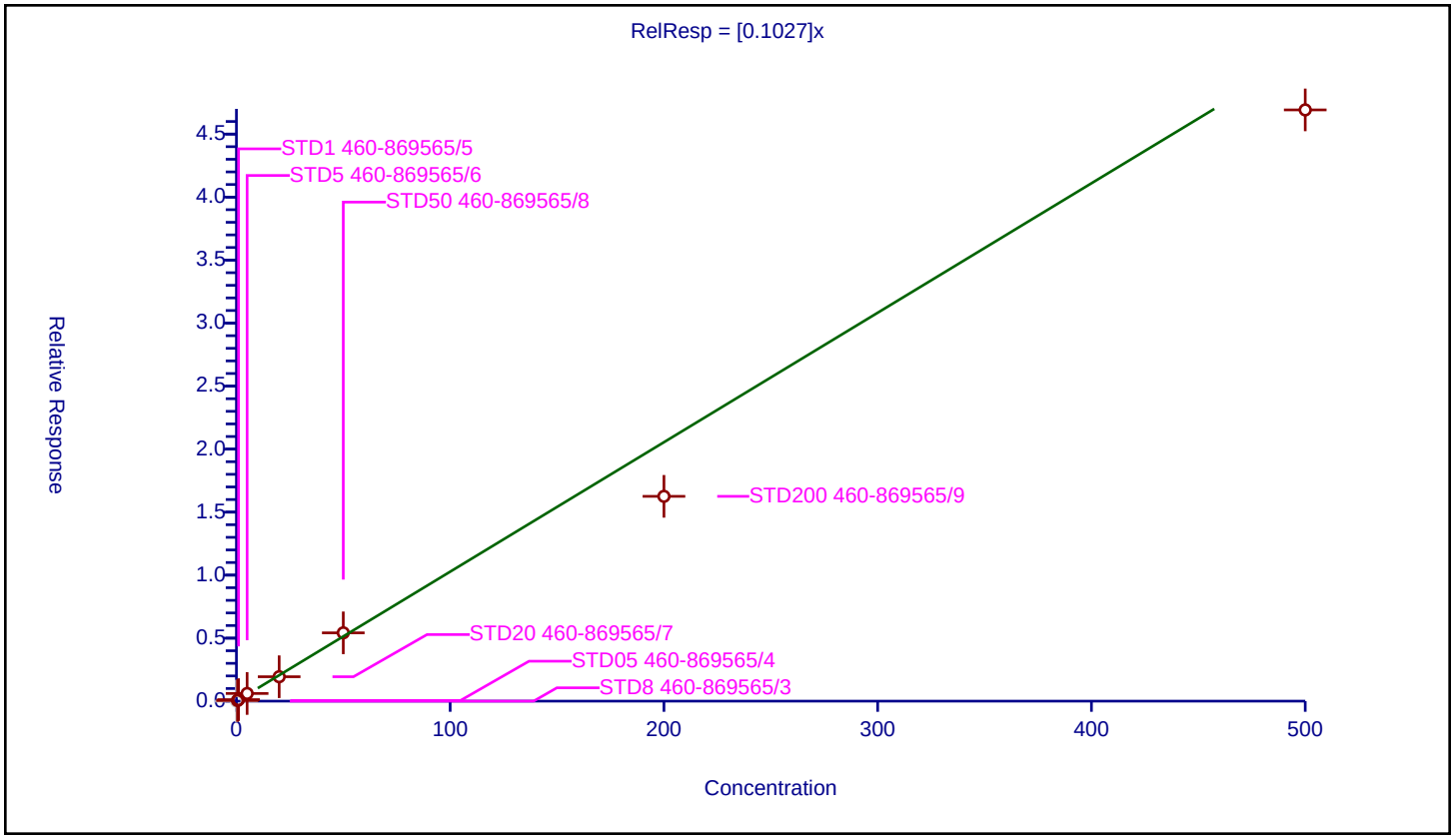
Curve Coefficients

Intercept:	0
Slope:	0.1027

Error Coefficients

Standard Error:	431000
Relative Standard Error:	14.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.049041	50.0	721845.0	0.098082	Y
3	STD1 460-869565/5	1.0	0.119082	50.0	736467.0	0.119082	Y
4	STD5 460-869565/6	5.0	0.608164	50.0	753415.0	0.121633	Y
5	STD20 460-869565/7	20.0	1.937277	50.0	836380.0	0.096864	Y
6	STD50 460-869565/8	50.0	5.42062	50.0	828171.0	0.108412	Y
7	STD200 460-869565/9	200.0	16.253865	50.0	995271.0	0.081269	Y
8	STD500 460-869565/10	500.0	46.919484	50.0	1067240.0	0.093839	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

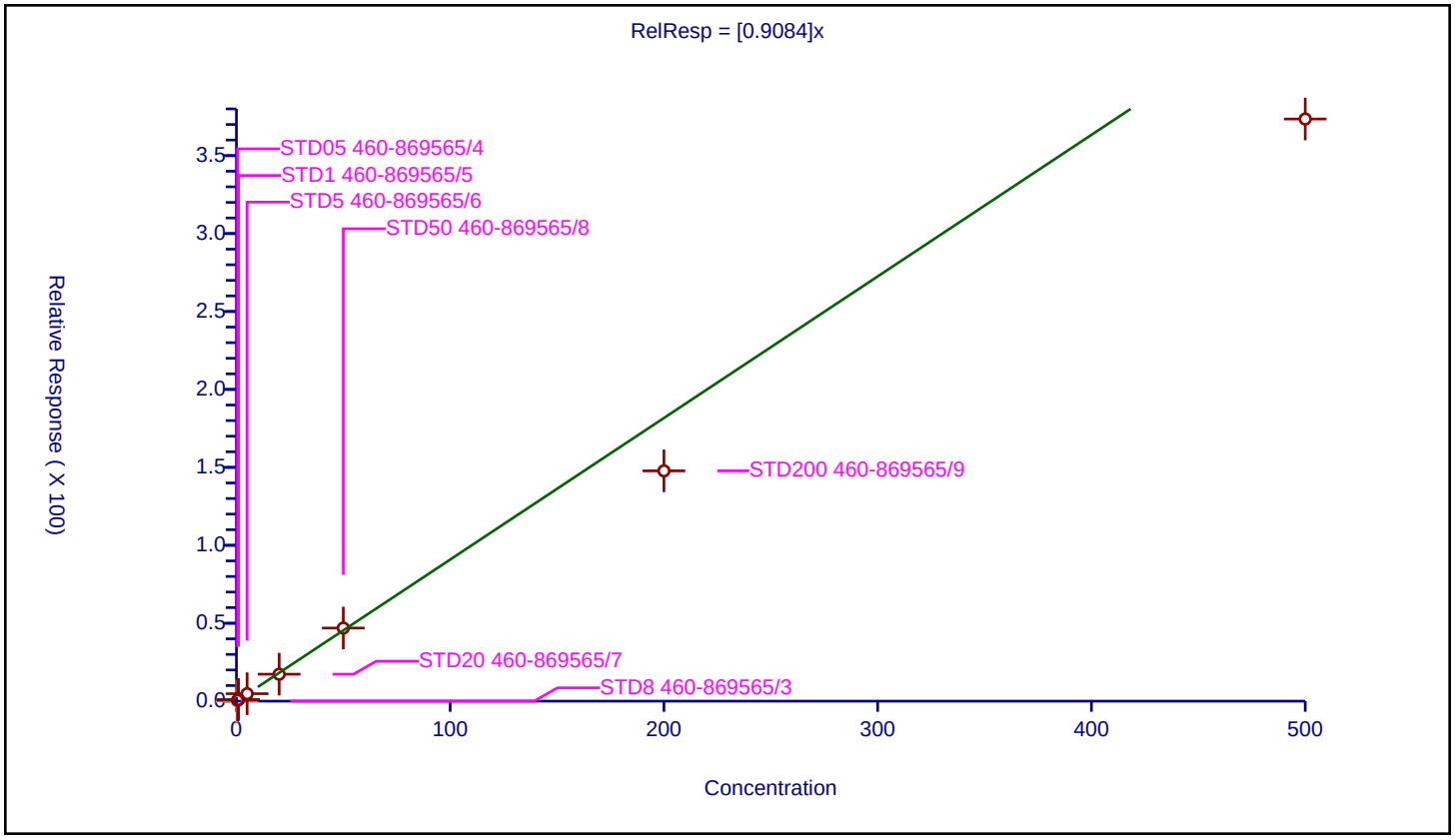
Curve Coefficients

Intercept:	0
Slope:	0.9084

Error Coefficients

Standard Error:	3490000
Relative Standard Error:	14.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.0	50.0	801538.0	0.0	N
2	STD05 460-869565/4	0.5	0.553235	50.0	721845.0	1.10647	Y
3	STD1 460-869565/5	1.0	1.008124	50.0	736467.0	1.008124	Y
4	STD5 460-869565/6	5.0	4.781296	50.0	753415.0	0.956259	Y
5	STD20 460-869565/7	20.0	17.279287	50.0	836380.0	0.863964	Y
6	STD50 460-869565/8	50.0	46.897501	50.0	828171.0	0.93795	Y
7	STD200 460-869565/9	200.0	147.75423	50.0	995271.0	0.738771	Y
8	STD500 460-869565/10	500.0	373.507974	50.0	1067240.0	0.747016	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

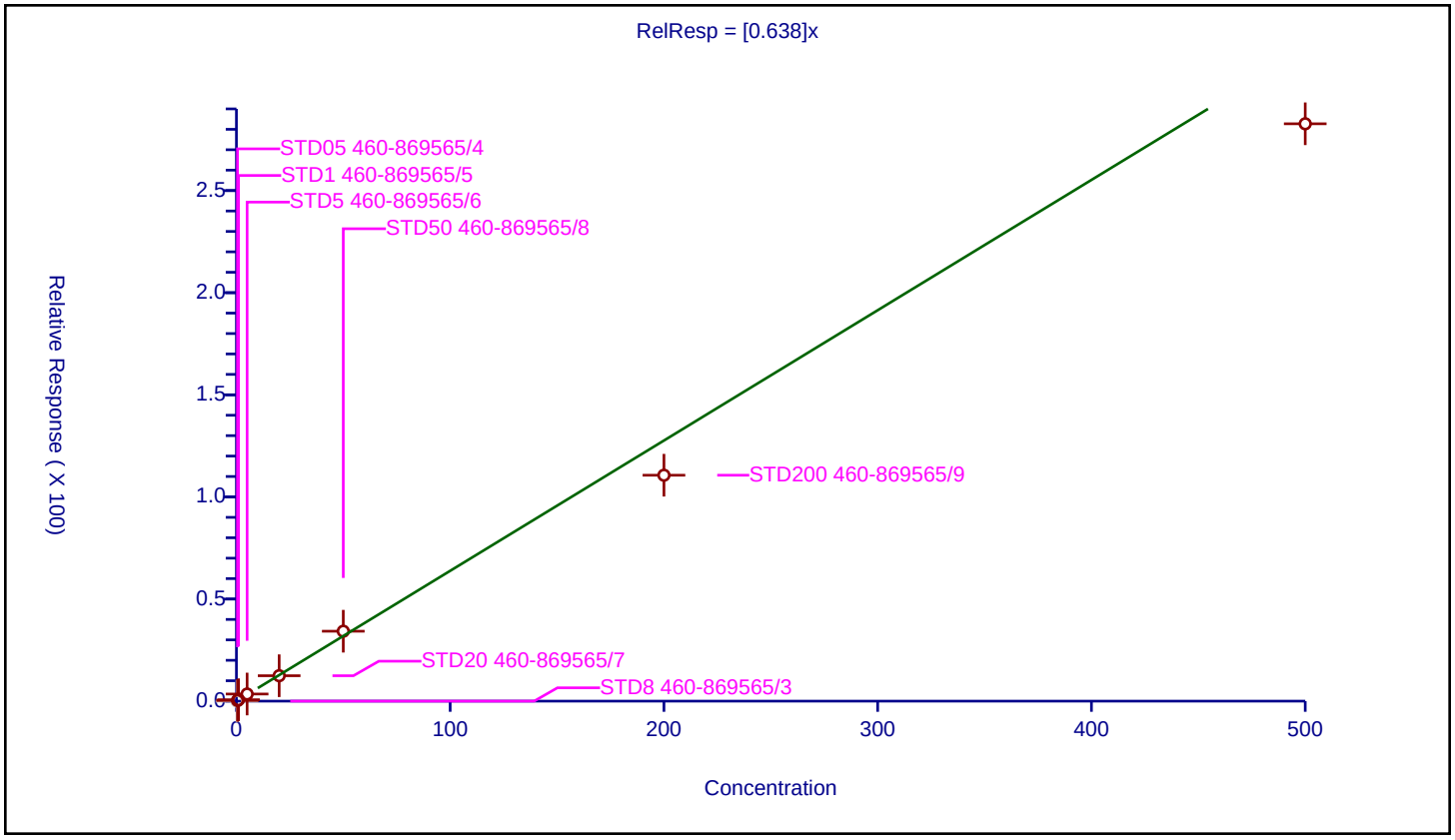
Curve Coefficients

Intercept:	0
Slope:	0.638

Error Coefficients

Standard Error:	2630000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.0	50.0	801538.0	0.0	N
2	STD05 460-869565/4	0.5	0.328533	50.0	721845.0	0.657066	Y
3	STD1 460-869565/5	1.0	0.684145	50.0	736467.0	0.684145	Y
4	STD5 460-869565/6	5.0	3.49482	50.0	753415.0	0.698964	Y
5	STD20 460-869565/7	20.0	12.454207	50.0	836380.0	0.62271	Y
6	STD50 460-869565/8	50.0	34.239426	50.0	828171.0	0.684789	Y
7	STD200 460-869565/9	200.0	110.631577	50.0	995271.0	0.553158	Y
8	STD500 460-869565/10	500.0	282.708201	50.0	1067240.0	0.565416	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

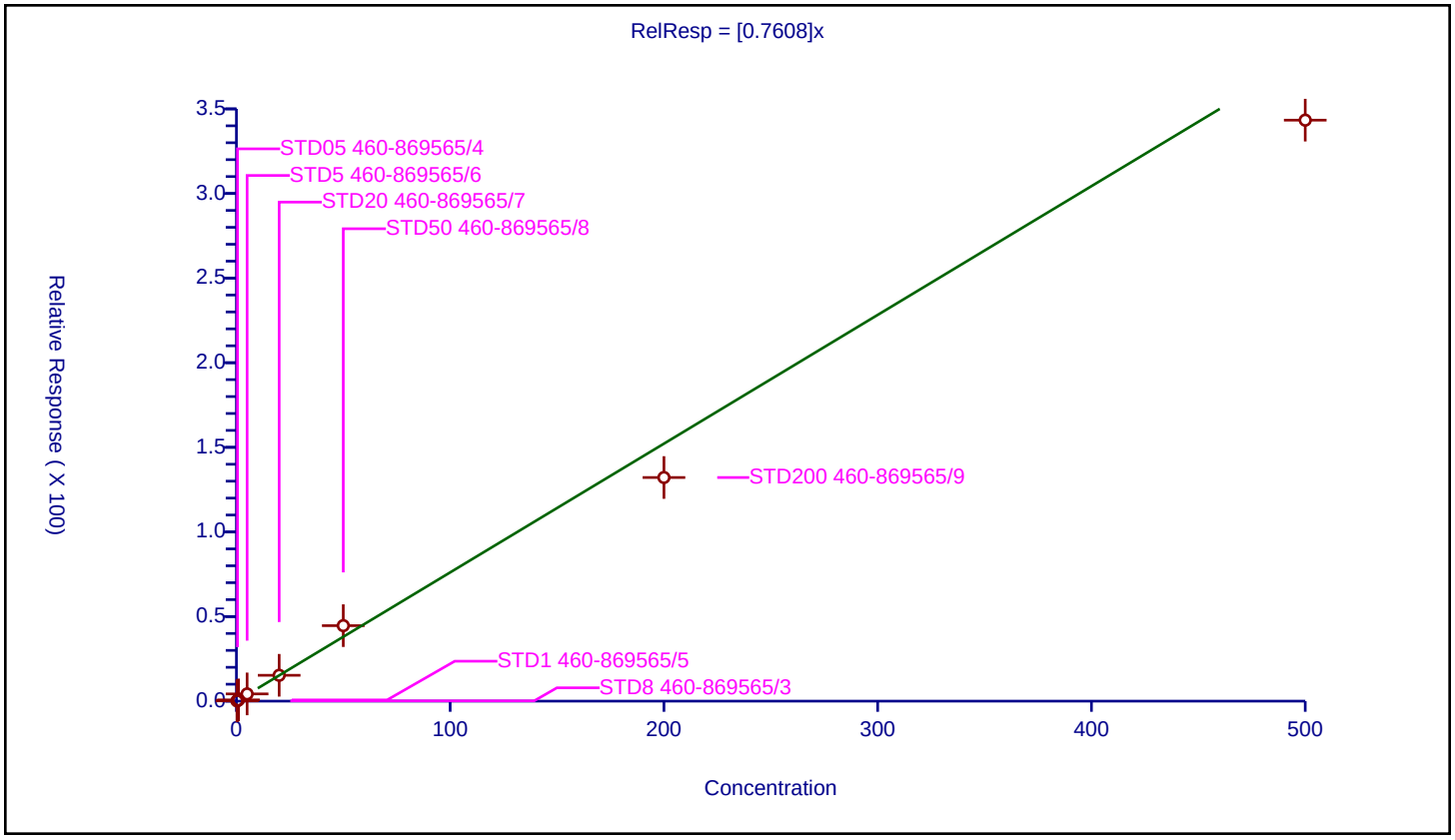
Curve Coefficients

Intercept:	0
Slope:	0.7608

Error Coefficients

Standard Error:	2960000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.16668	50.0	801538.0	0.666718	Y
2	STD05 460-869565/4	0.5	0.421905	50.0	721845.0	0.84381	Y
3	STD1 460-869565/5	1.0	0.719245	50.0	736467.0	0.719245	Y
4	STD5 460-869565/6	5.0	4.267834	50.0	753415.0	0.853567	Y
5	STD20 460-869565/7	20.0	15.270152	50.0	836380.0	0.763508	Y
6	STD50 460-869565/8	50.0	44.619408	50.0	828171.0	0.892388	Y
7	STD200 460-869565/9	200.0	132.152851	50.0	995271.0	0.660764	Y
8	STD500 460-869565/10	500.0	343.339455	50.0	1067240.0	0.686679	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

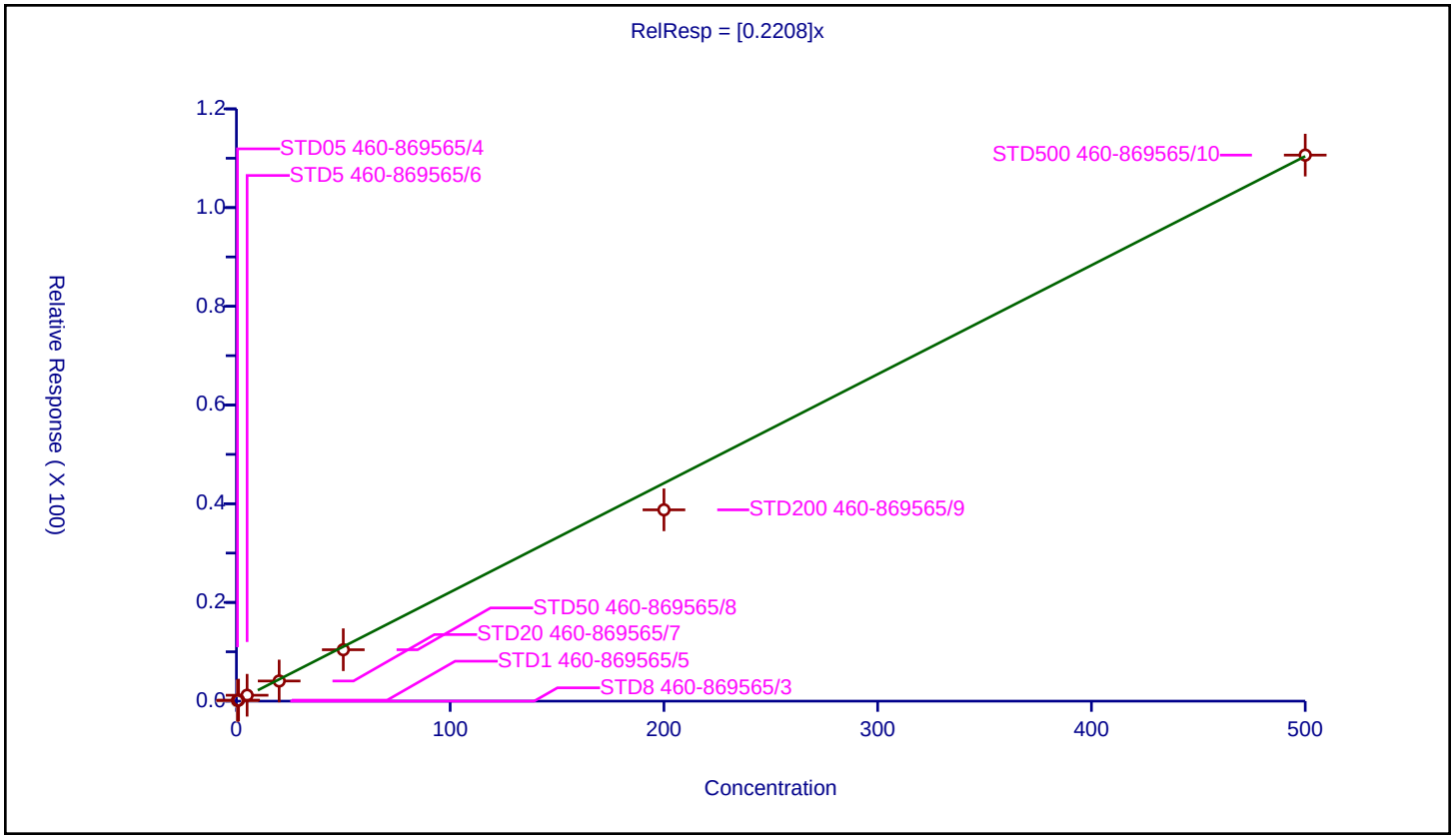
Curve Coefficients

Intercept:	0
Slope:	0.2208

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	12.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.0	50.0	801538.0	0.0	N
2	STD05 460-869565/4	0.5	0.136941	50.0	721845.0	0.273882	Y
3	STD1 460-869565/5	1.0	0.204897	50.0	736467.0	0.204897	Y
4	STD5 460-869565/6	5.0	1.19695	50.0	753415.0	0.23939	Y
5	STD20 460-869565/7	20.0	4.080621	50.0	836380.0	0.204031	Y
6	STD50 460-869565/8	50.0	10.415482	50.0	828171.0	0.20831	Y
7	STD200 460-869565/9	200.0	38.758238	50.0	995271.0	0.193791	Y
8	STD500 460-869565/10	500.0	110.637485	50.0	1067240.0	0.221275	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

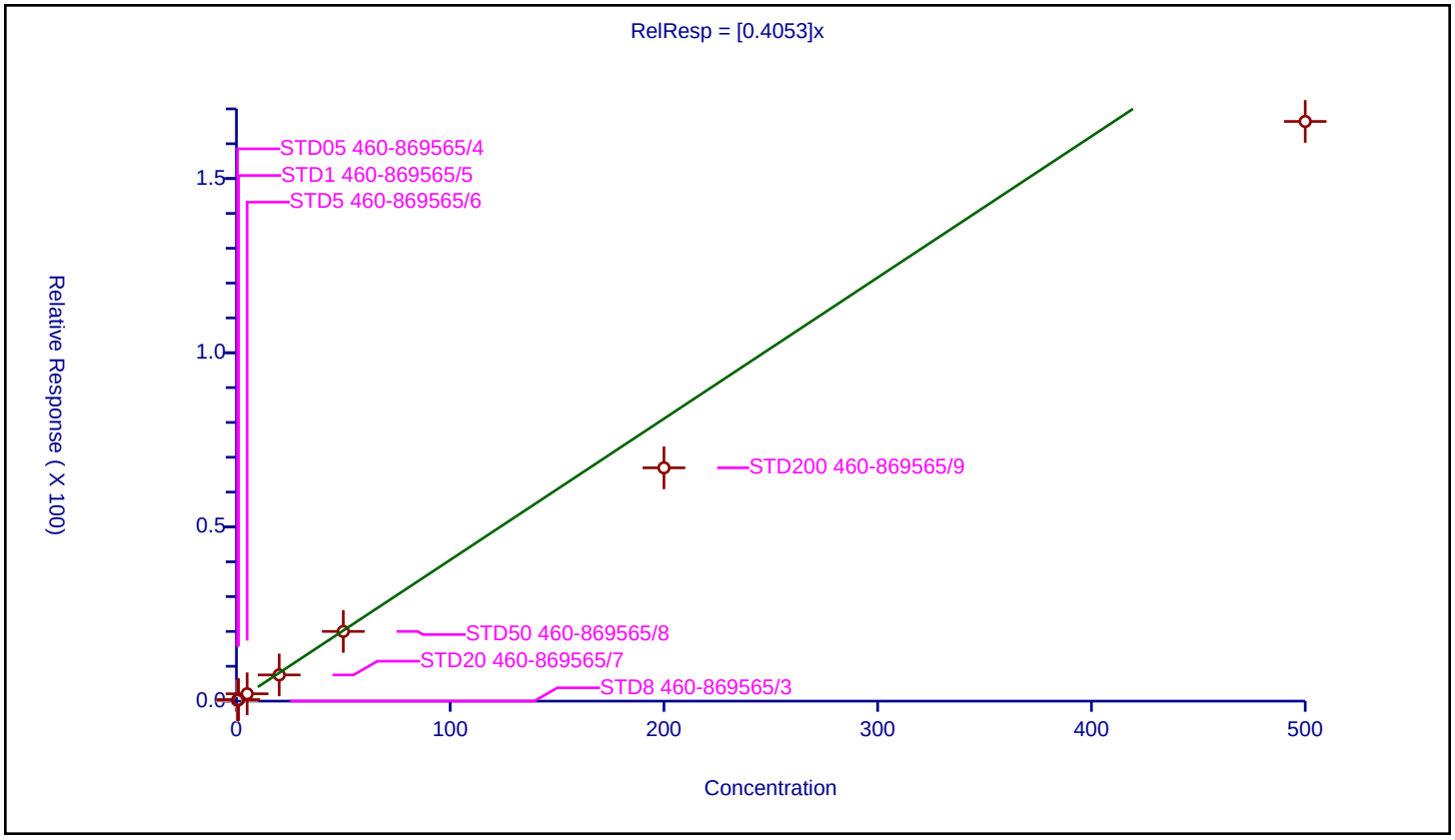
Curve Coefficients

Intercept:	0
Slope:	0.4053

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	17.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.0	50.0	801538.0	0.0	N
2	STD05 460-869565/4	0.5	0.269656	50.0	721845.0	0.539312	Y
3	STD1 460-869565/5	1.0	0.432674	50.0	736467.0	0.432674	Y
4	STD5 460-869565/6	5.0	2.107072	50.0	753415.0	0.421414	Y
5	STD20 460-869565/7	20.0	7.520804	50.0	836380.0	0.37604	Y
6	STD50 460-869565/8	50.0	20.007281	50.0	828171.0	0.400146	Y
7	STD200 460-869565/9	200.0	66.972011	50.0	995271.0	0.33486	Y
8	STD500 460-869565/10	500.0	166.396734	50.0	1067240.0	0.332793	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

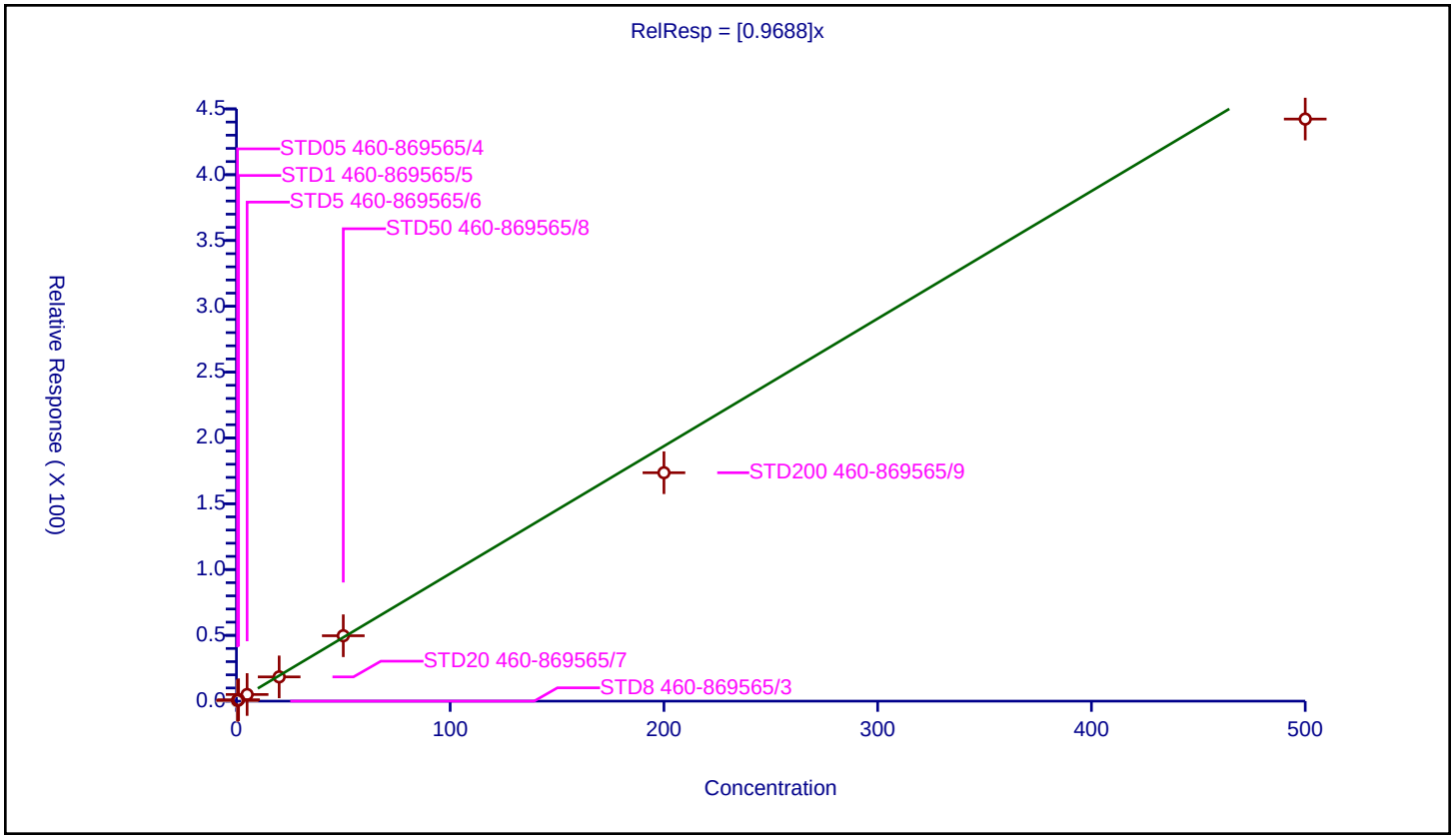
Curve Coefficients

Intercept:	0
Slope:	0.9688

Error Coefficients

Standard Error:	4120000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.0	50.0	801538.0	0.0	N
2	STD05 460-869565/4	0.5	0.534533	50.0	721845.0	1.069066	Y
3	STD1 460-869565/5	1.0	1.036638	50.0	736467.0	1.036638	Y
4	STD5 460-869565/6	5.0	5.040117	50.0	753415.0	1.008023	Y
5	STD20 460-869565/7	20.0	18.433547	50.0	836380.0	0.921677	Y
6	STD50 460-869565/8	50.0	49.699639	50.0	828171.0	0.993993	Y
7	STD200 460-869565/9	200.0	173.553585	50.0	995271.0	0.867768	Y
8	STD500 460-869565/10	500.0	442.26561	50.0	1067240.0	0.884531	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

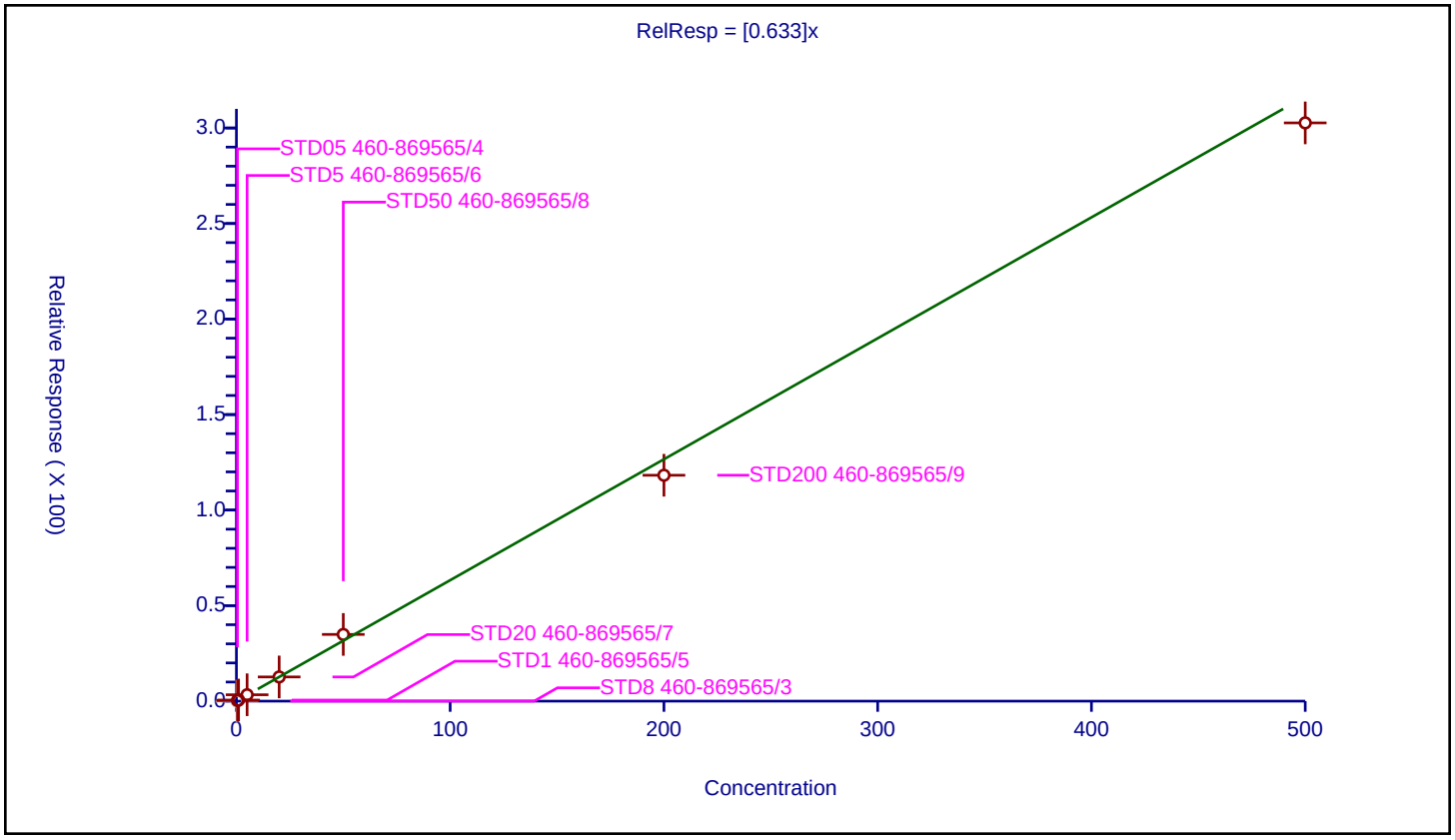
Curve Coefficients

Intercept:	0
Slope:	0.633

Error Coefficients

Standard Error:	2820000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.25	0.0	50.0	801538.0	0.0	N
2	STD05 460-869565/4	0.5	0.334559	50.0	721845.0	0.669119	Y
3	STD1 460-869565/5	1.0	0.56642	50.0	736467.0	0.56642	Y
4	STD5 460-869565/6	5.0	3.339461	50.0	753415.0	0.667892	Y
5	STD20 460-869565/7	20.0	12.659258	50.0	836380.0	0.632963	Y
6	STD50 460-869565/8	50.0	34.918755	50.0	828171.0	0.698375	Y
7	STD200 460-869565/9	200.0	118.234983	50.0	995271.0	0.591175	Y
8	STD500 460-869565/10	500.0	302.663506	50.0	1067240.0	0.605327	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

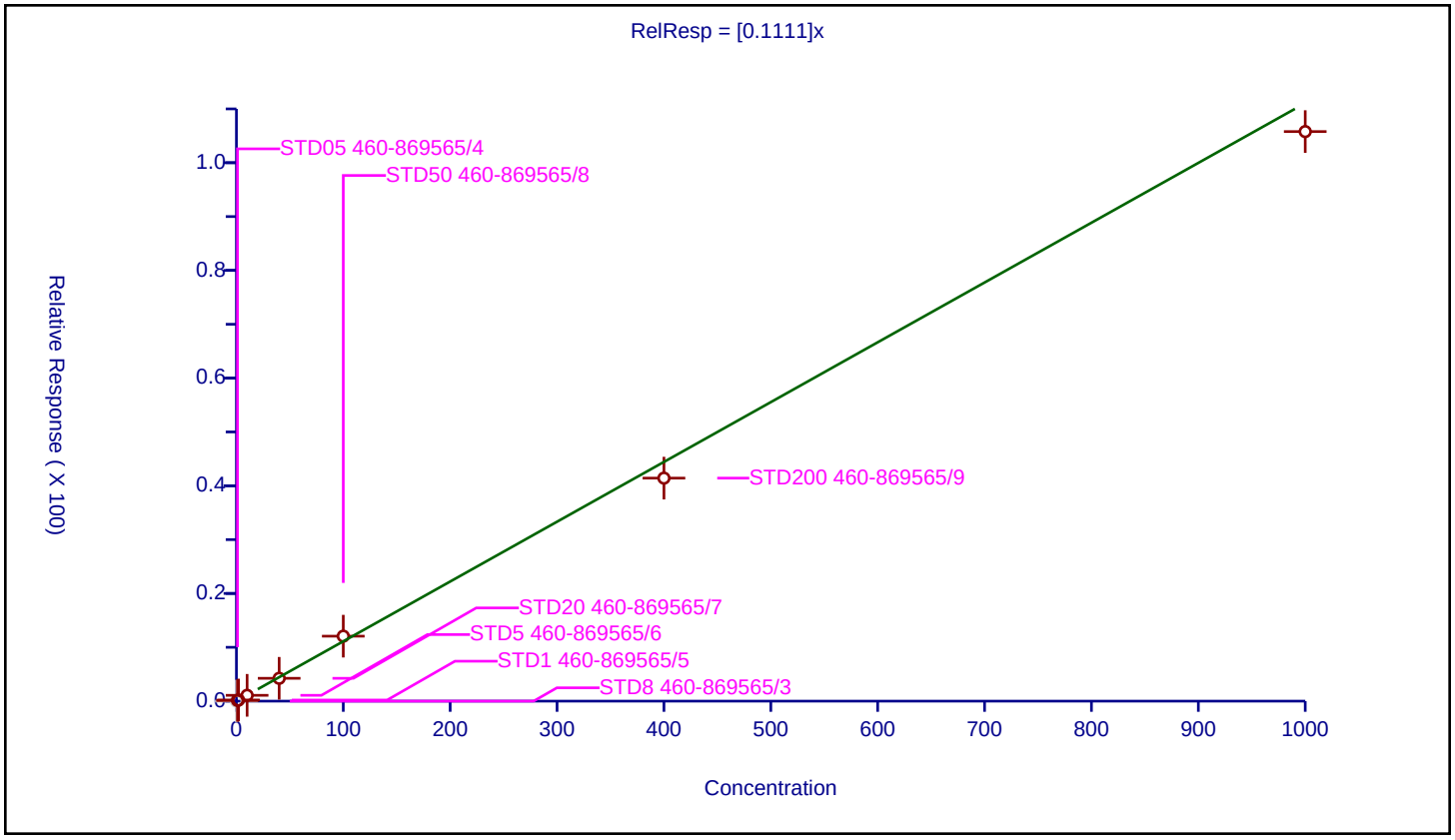
Curve Coefficients

Intercept:	0
Slope:	0.1111

Error Coefficients

Standard Error:	985000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	1.0	0.131469	50.0	721845.0	0.131469	Y
3	STD1 460-869565/5	2.0	0.203811	50.0	736467.0	0.101905	Y
4	STD5 460-869565/6	10.0	1.081077	50.0	753415.0	0.108108	Y
5	STD20 460-869565/7	40.0	4.239999	50.0	836380.0	0.106	Y
6	STD50 460-869565/8	100.0	12.070031	50.0	828171.0	0.1207	Y
7	STD200 460-869565/9	400.0	41.420829	50.0	995271.0	0.103552	Y
8	STD500 460-869565/10	1000.0	105.784547	50.0	1067240.0	0.105785	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

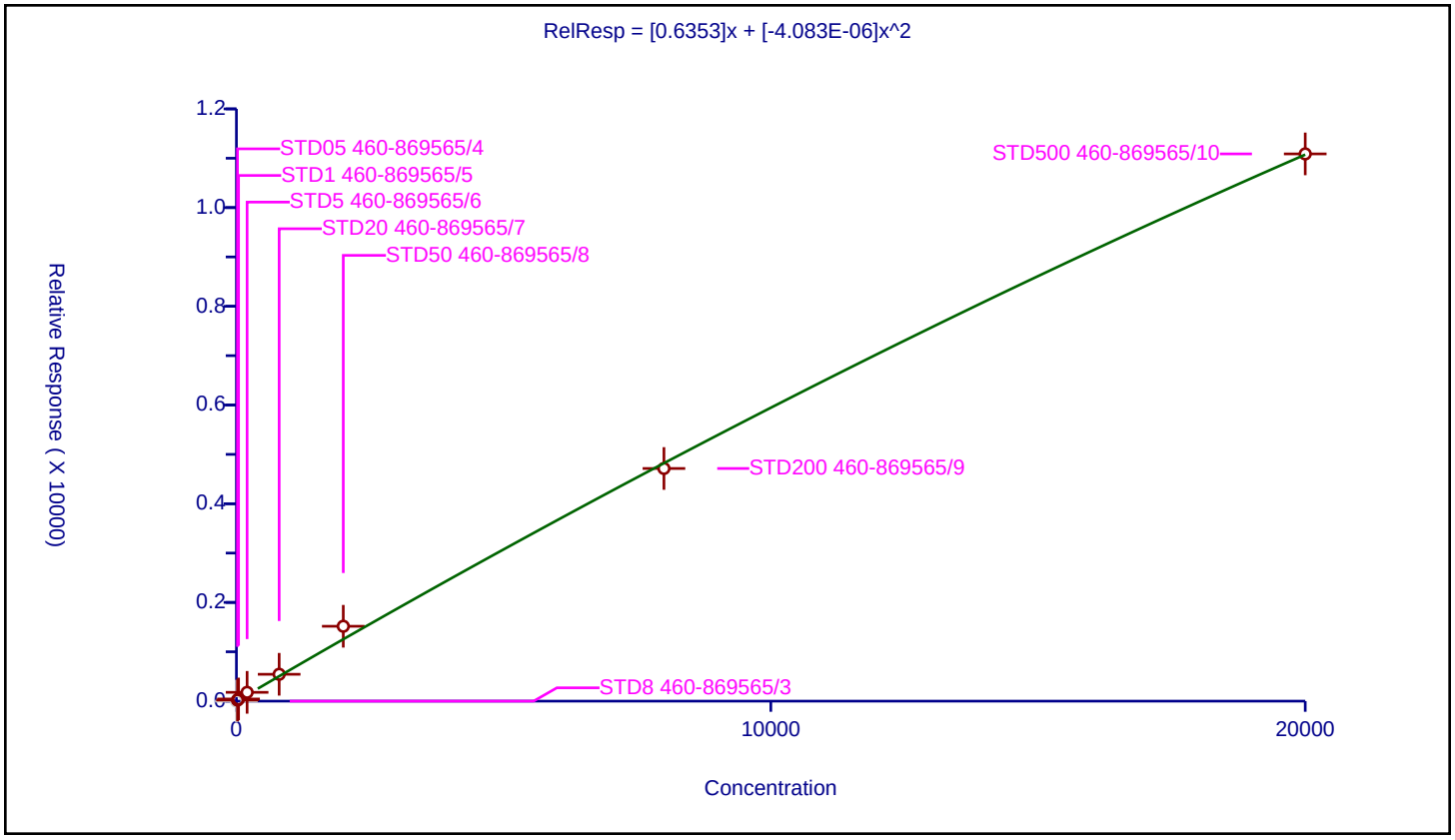
Curve Coefficients

Intercept:	0
Slope:	0.6353
Second Order:	-4.083E-06

Error Coefficients

Standard Error:	457000
Relative Standard Error:	49.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	1000.0	57336.0	NaN	N
2	STD05 460-869565/4	20.0	21.612707	1000.0	46084.0	1.080635	Y
3	STD1 460-869565/5	40.0	43.304971	1000.0	44660.0	1.082624	Y
4	STD5 460-869565/6	200.0	178.429534	1000.0	44802.0	0.892148	Y
5	STD20 460-869565/7	800.0	544.304546	1000.0	50751.0	0.680381	Y
6	STD50 460-869565/8	2000.0	1517.001691	1000.0	53230.0	0.758501	Y
7	STD200 460-869565/9	8000.0	4714.33138	1000.0	75080.0	0.589291	Y
8	STD500 460-869565/10	20000.0	11087.941082	1000.0	87172.0	0.554397	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

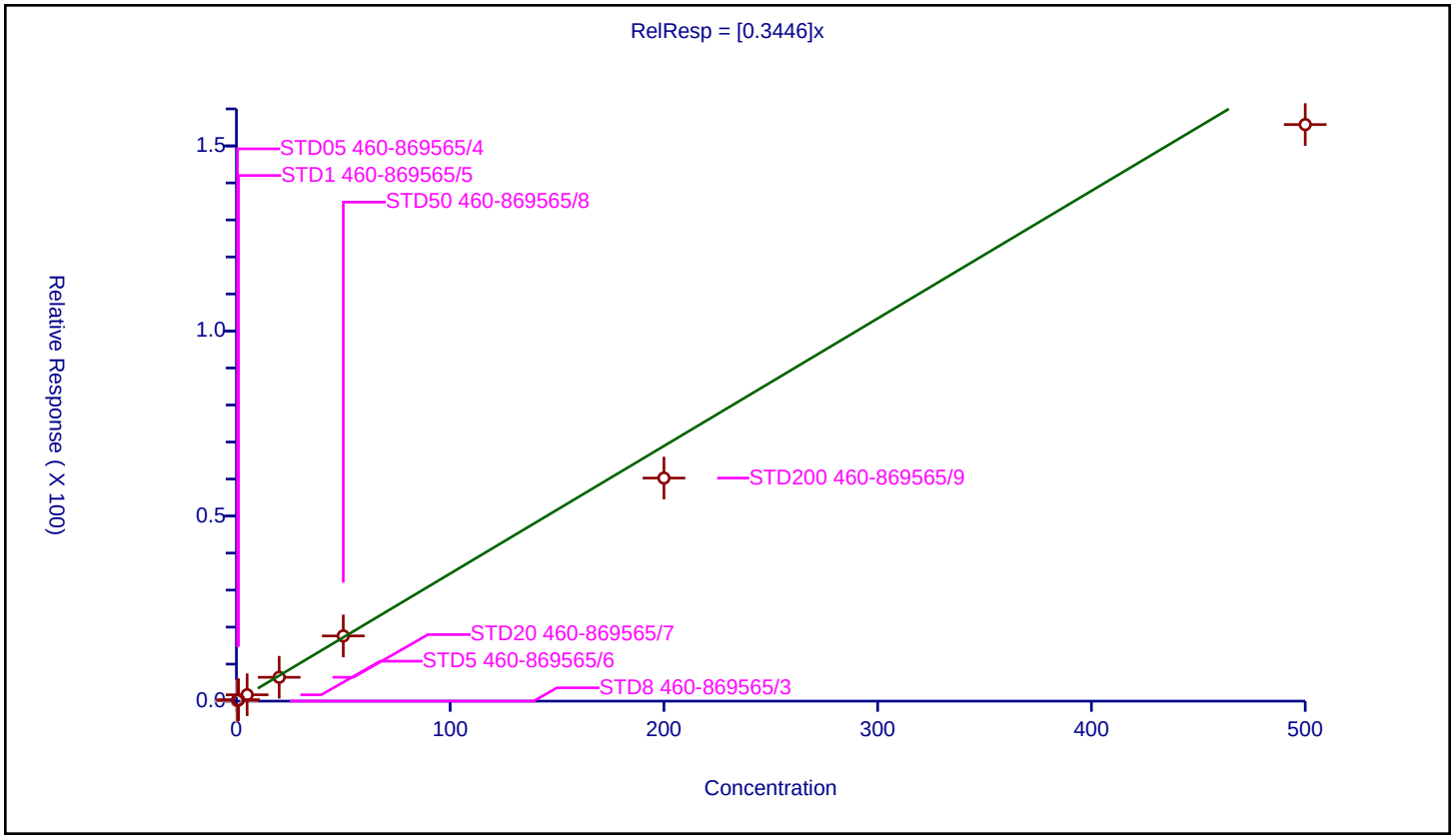
Curve Coefficients

Intercept:	0
Slope:	0.3446

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.202744	50.0	721845.0	0.405489	Y
3	STD1 460-869565/5	1.0	0.375645	50.0	736467.0	0.375645	Y
4	STD5 460-869565/6	5.0	1.718442	50.0	753415.0	0.343688	Y
5	STD20 460-869565/7	20.0	6.445396	50.0	836380.0	0.32227	Y
6	STD50 460-869565/8	50.0	17.620757	50.0	828171.0	0.352415	Y
7	STD200 460-869565/9	200.0	60.264792	50.0	995271.0	0.301324	Y
8	STD500 460-869565/10	500.0	155.76904	50.0	1067240.0	0.311538	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

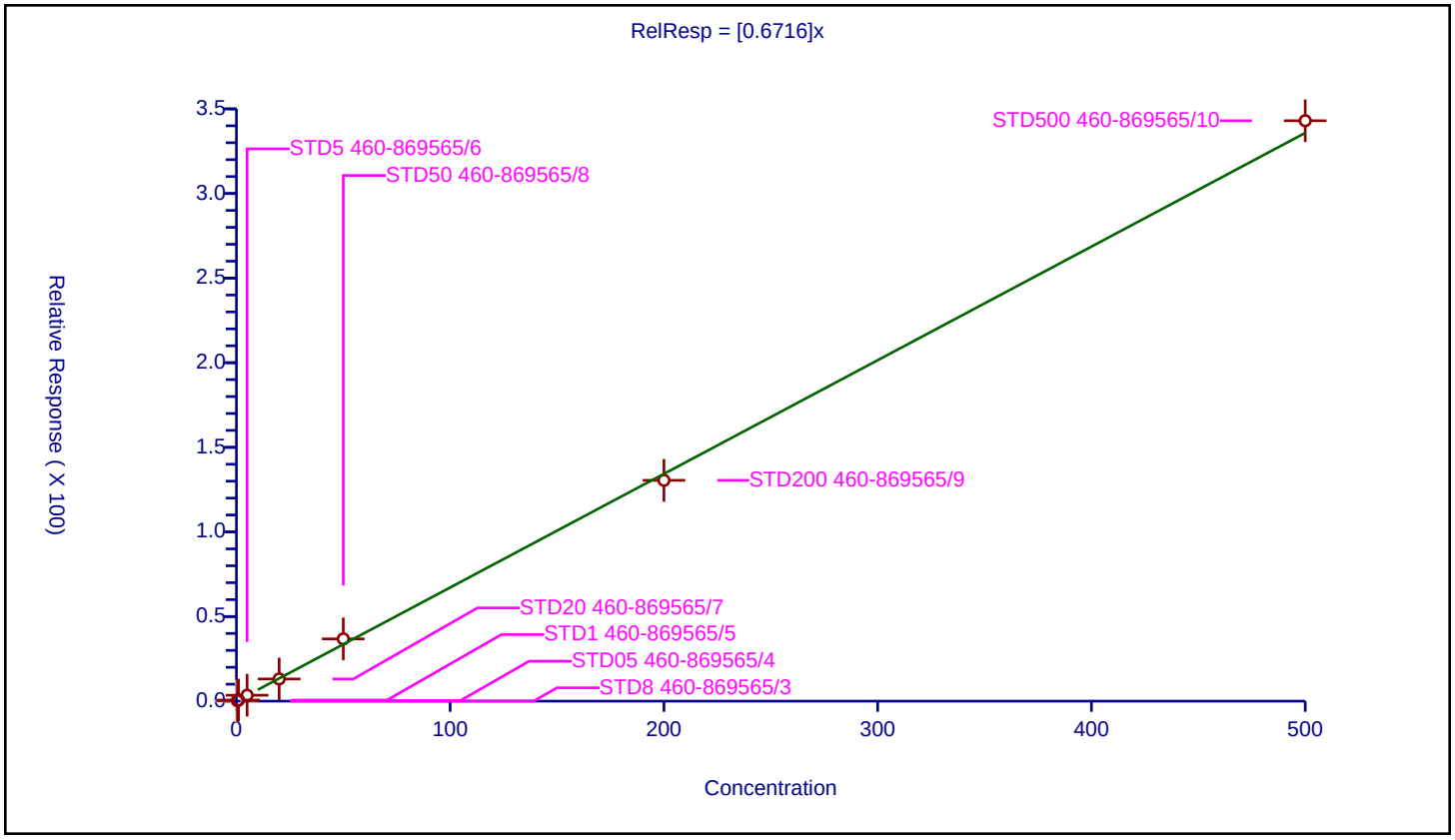
Curve Coefficients

Intercept:	0
Slope:	0.6716

Error Coefficients

Standard Error:	3180000
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 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.323477	50.0	721845.0	0.646953	Y
3	STD1 460-869565/5	1.0	0.628474	50.0	736467.0	0.628474	Y
4	STD5 460-869565/6	5.0	3.479424	50.0	753415.0	0.695885	Y
5	STD20 460-869565/7	20.0	13.10995	50.0	836380.0	0.655498	Y
6	STD50 460-869565/8	50.0	36.788779	50.0	828171.0	0.735776	Y
7	STD200 460-869565/9	200.0	130.490088	50.0	995271.0	0.65245	Y
8	STD500 460-869565/10	500.0	342.996421	50.0	1067240.0	0.685993	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

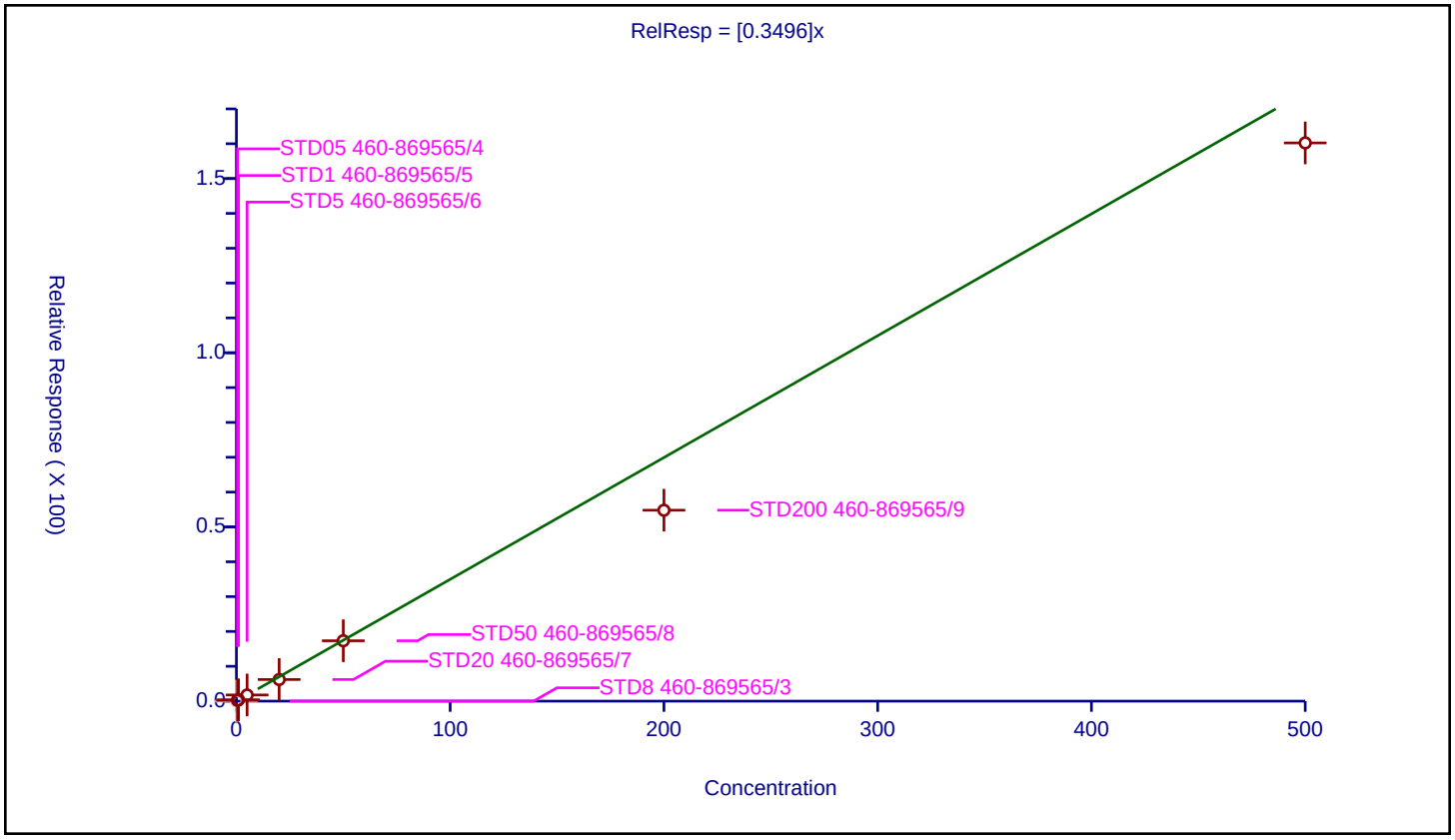
Curve Coefficients

Intercept:	0
Slope:	0.3496

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	17.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.231698	50.0	721845.0	0.463396	Y
3	STD1 460-869565/5	1.0	0.379786	50.0	736467.0	0.379786	Y
4	STD5 460-869565/6	5.0	1.766224	50.0	753415.0	0.353245	Y
5	STD20 460-869565/7	20.0	6.200531	50.0	836380.0	0.310027	Y
6	STD50 460-869565/8	50.0	17.330056	50.0	828171.0	0.346601	Y
7	STD200 460-869565/9	200.0	54.799949	50.0	995271.0	0.274	Y
8	STD500 460-869565/10	500.0	160.226987	50.0	1067240.0	0.320454	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

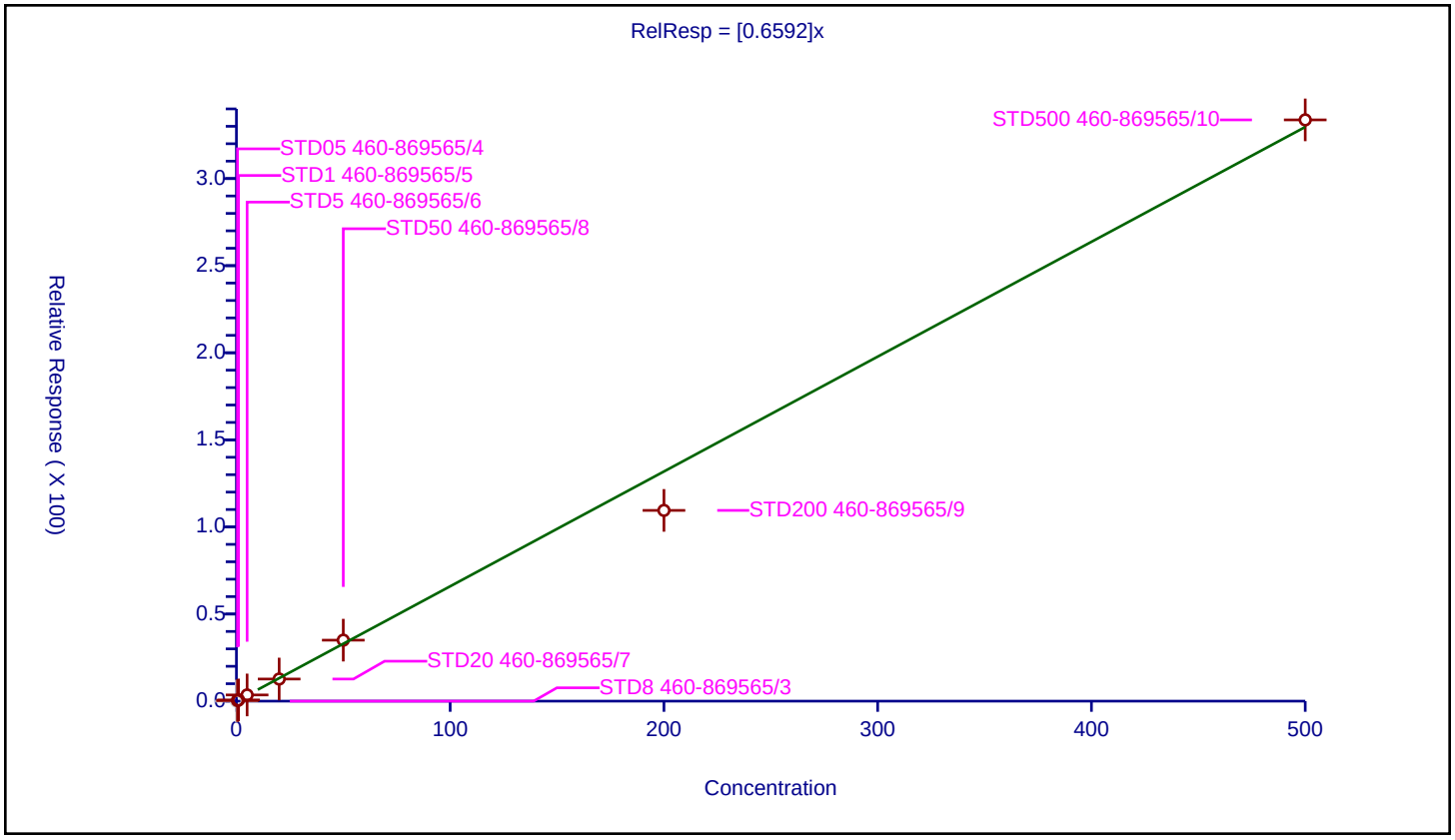
Curve Coefficients

Intercept:	0
Slope:	0.6592

Error Coefficients

Standard Error:	3050000
Relative Standard Error:	8.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.337122	50.0	721845.0	0.674244	Y
3	STD1 460-869565/5	1.0	0.677899	50.0	736467.0	0.677899	Y
4	STD5 460-869565/6	5.0	3.562047	50.0	753415.0	0.712409	Y
5	STD20 460-869565/7	20.0	12.70248	50.0	836380.0	0.635124	Y
6	STD50 460-869565/8	50.0	35.000622	50.0	828171.0	0.700012	Y
7	STD200 460-869565/9	200.0	109.495052	50.0	995271.0	0.547475	Y
8	STD500 460-869565/10	500.0	333.689048	50.0	1067240.0	0.667378	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

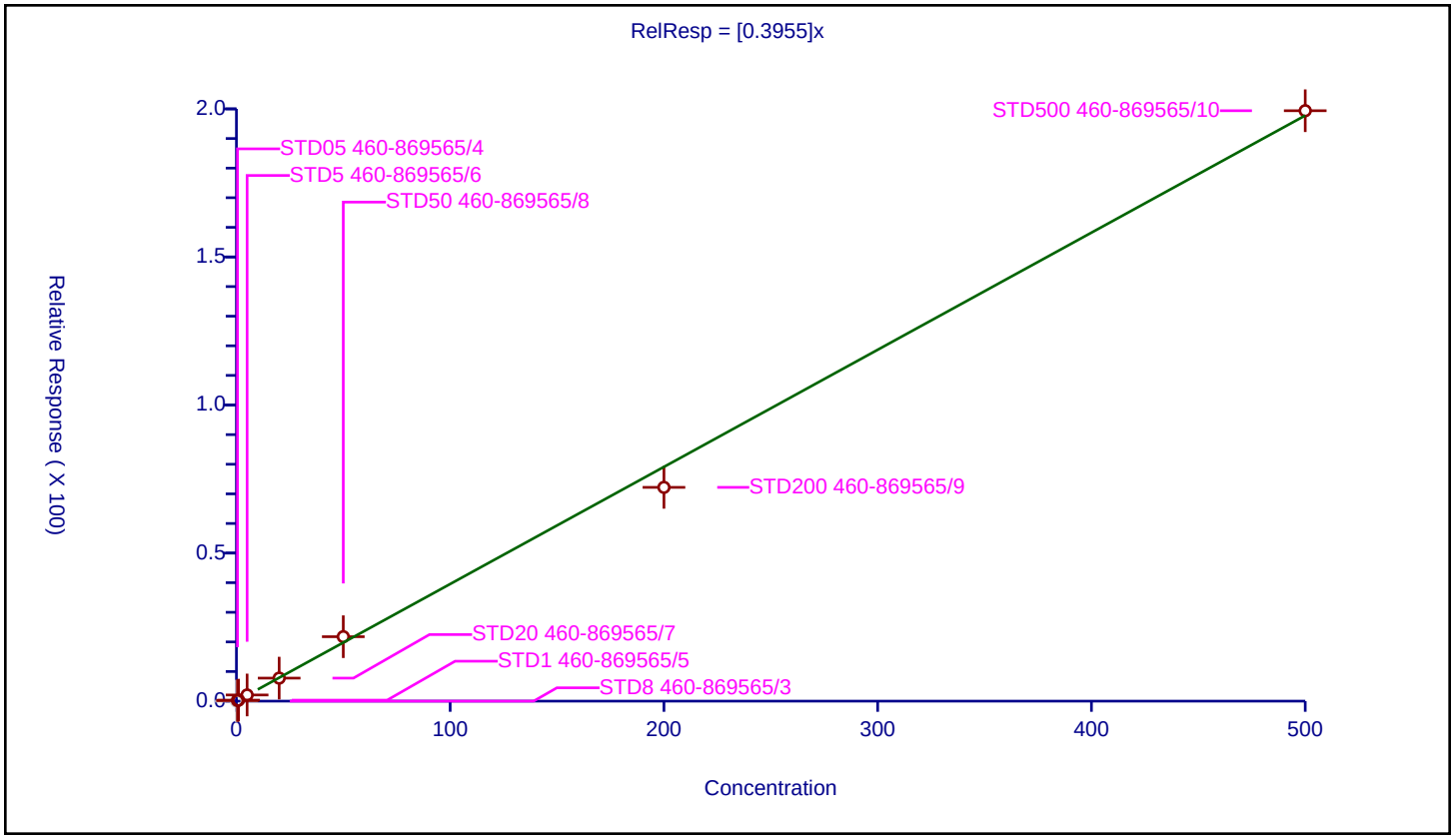
Curve Coefficients

Intercept:	0
Slope:	0.3955

Error Coefficients

Standard Error:	1840000
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	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.214797	50.0	721845.0	0.429594	Y
3	STD1 460-869565/5	1.0	0.338644	50.0	736467.0	0.338644	Y
4	STD5 460-869565/6	5.0	2.08411	50.0	753415.0	0.416822	Y
5	STD20 460-869565/7	20.0	7.772364	50.0	836380.0	0.388618	Y
6	STD50 460-869565/8	50.0	21.764708	50.0	828171.0	0.435294	Y
7	STD200 460-869565/9	200.0	72.190187	50.0	995271.0	0.360951	Y
8	STD500 460-869565/10	500.0	199.377085	50.0	1067240.0	0.398754	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

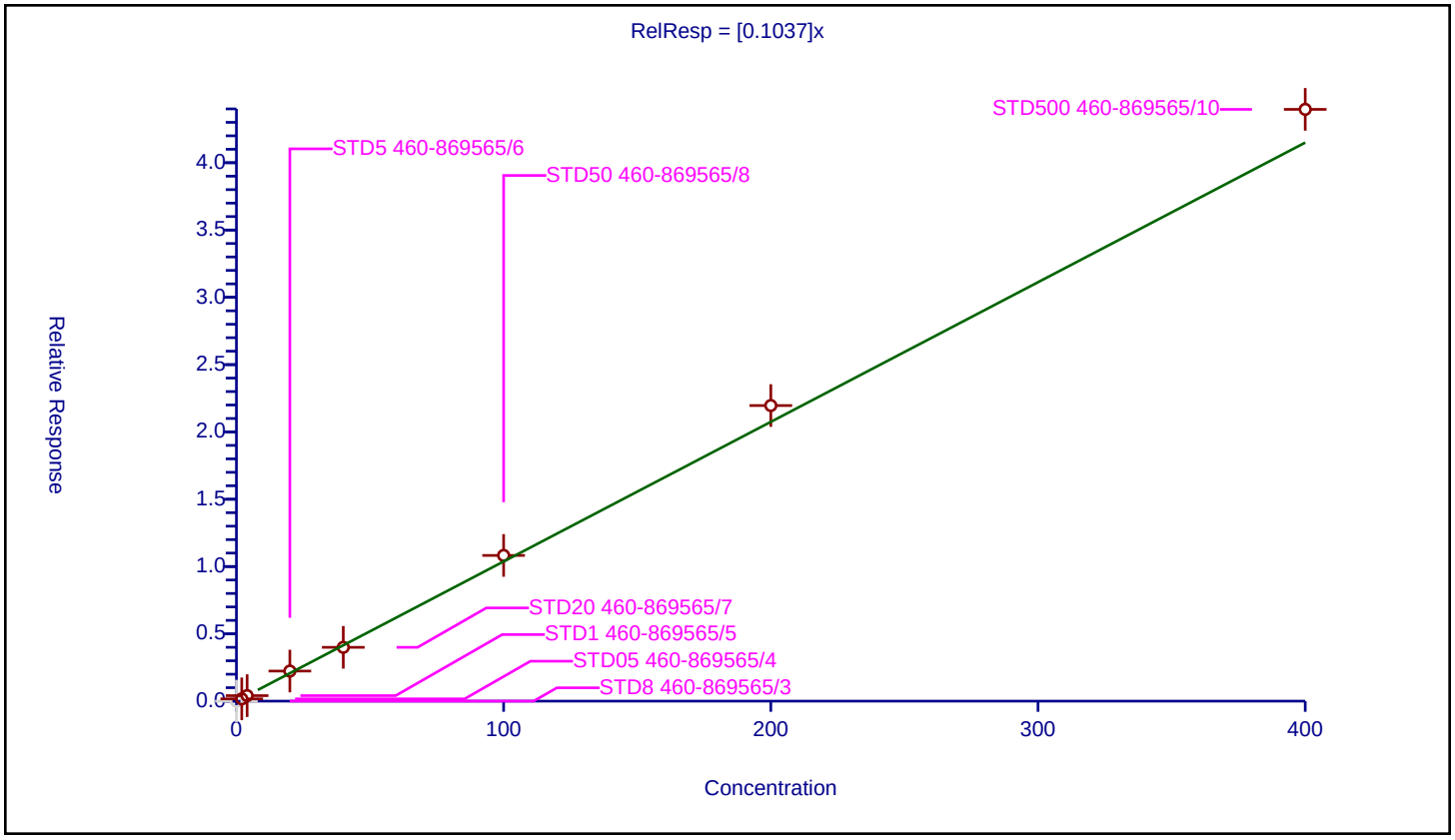
Curve Coefficients

Intercept:	0
Slope:	0.1037

Error Coefficients

Standard Error:	430000
Relative Standard Error:	9.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	2.0	0.168665	50.0	721845.0	0.084333	Y
3	STD1 460-869565/5	4.0	0.408844	50.0	736467.0	0.102211	Y
4	STD5 460-869565/6	20.0	2.234227	50.0	753415.0	0.111711	Y
5	STD20 460-869565/7	40.0	3.998362	50.0	836380.0	0.099959	Y
6	STD50 460-869565/8	100.0	10.82518	50.0	828171.0	0.108252	Y
7	STD200 460-869565/9	200.0	21.961556	50.0	995271.0	0.109808	Y
8	STD500 460-869565/10	400.0	43.964385	50.0	1067240.0	0.109911	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

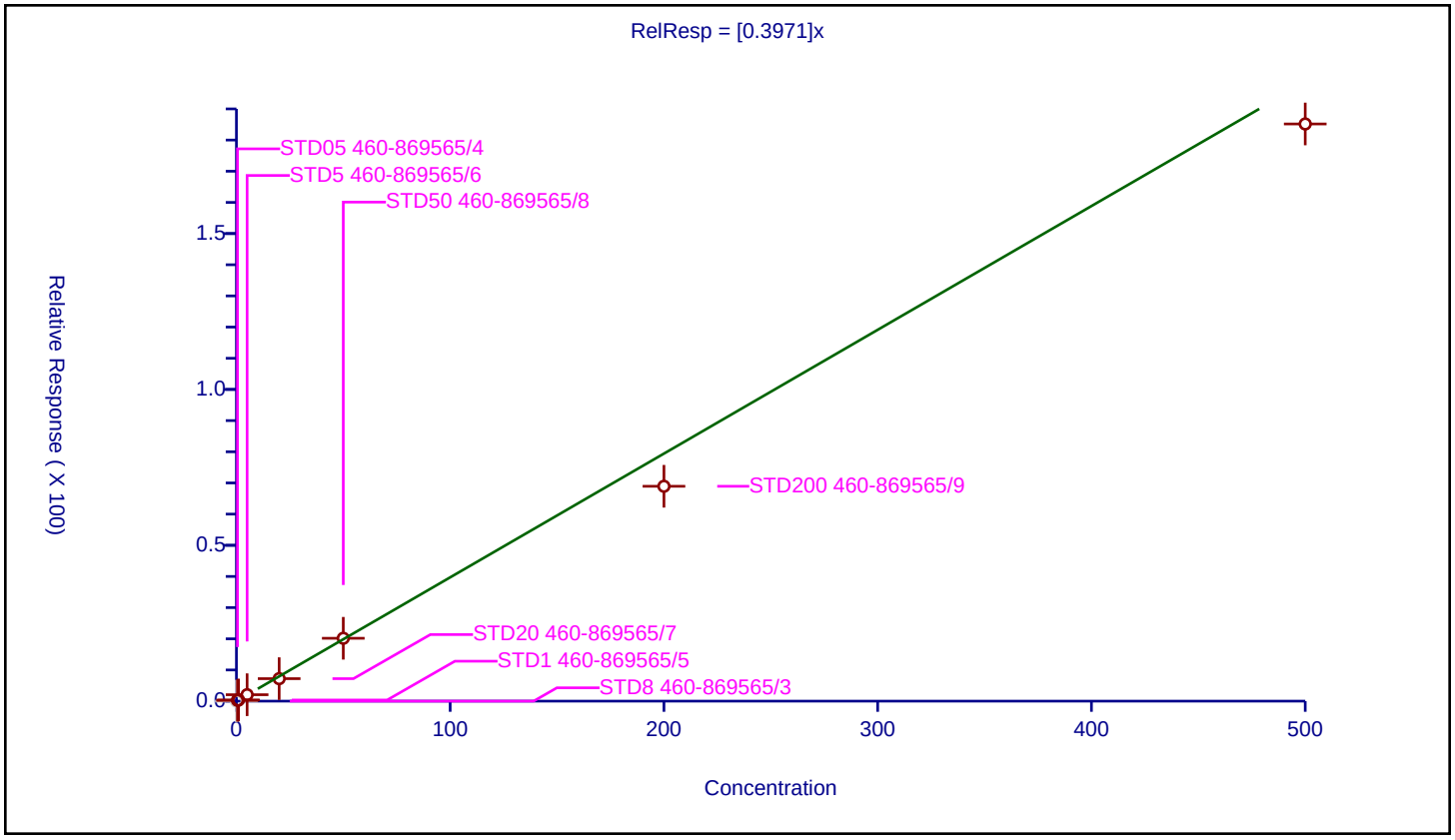
Curve Coefficients

Intercept:	0
Slope:	0.3971

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	15.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.263907	50.0	721845.0	0.527814	Y
3	STD1 460-869565/5	1.0	0.360505	50.0	736467.0	0.360505	Y
4	STD5 460-869565/6	5.0	2.060684	50.0	753415.0	0.412137	Y
5	STD20 460-869565/7	20.0	7.21281	50.0	836380.0	0.36064	Y
6	STD50 460-869565/8	50.0	20.171921	50.0	828171.0	0.403438	Y
7	STD200 460-869565/9	200.0	68.928965	50.0	995271.0	0.344645	Y
8	STD500 460-869565/10	500.0	185.164958	50.0	1067240.0	0.37033	Y



Calibration / Acetone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

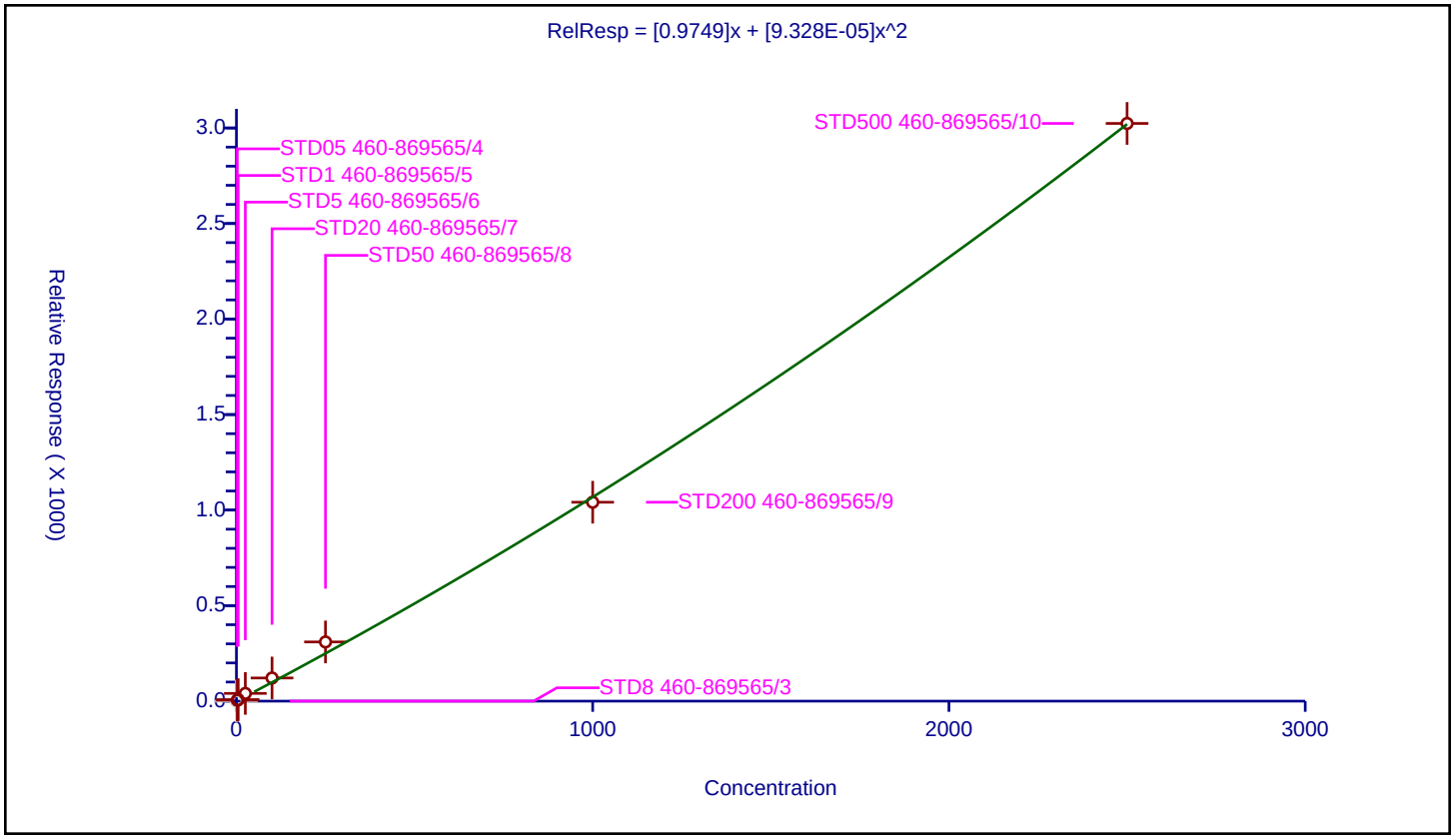
Curve Coefficients

Intercept:	0
Slope:	0.9749
Second Order:	9.328E-05

Error Coefficients

Standard Error:	5640000
Relative Standard Error:	66.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	250.0	769480.0	NaN	N
2	STD05 460-869565/4	2.5	5.263324	250.0	650967.0	2.105329	Y
3	STD1 460-869565/5	5.0	7.752546	250.0	637726.0	1.550509	Y
4	STD5 460-869565/6	25.0	40.535697	250.0	627743.0	1.621428	Y
5	STD20 460-869565/7	100.0	121.205917	250.0	716807.0	1.212059	Y
6	STD50 460-869565/8	250.0	309.845629	250.0	754934.0	1.239383	Y
7	STD200 460-869565/9	1000.0	1041.198252	250.0	988173.0	1.041198	Y
8	STD500 460-869565/10	2500.0	3023.850348	250.0	981862.0	1.20954	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

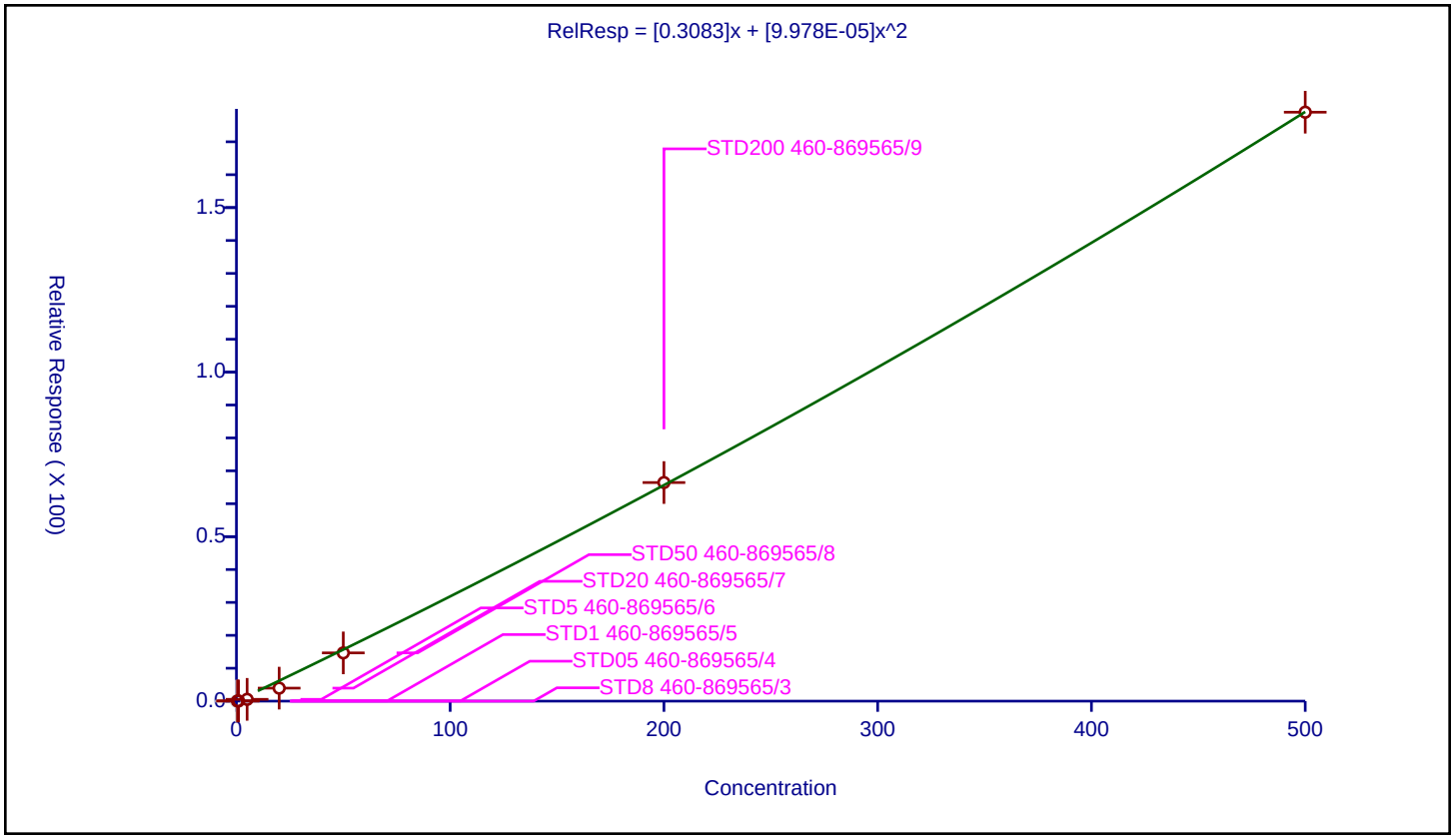
Curve Coefficients

Intercept:	0
Slope:	0.3083
Second Order:	9.978E-05

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	57.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.051673	50.0	721845.0	0.103346	Y
3	STD1 460-869565/5	1.0	0.063479	50.0	736467.0	0.063479	Y
4	STD5 460-869565/6	5.0	0.545582	50.0	753415.0	0.109116	Y
5	STD20 460-869565/7	20.0	3.952151	50.0	836380.0	0.197608	Y
6	STD50 460-869565/8	50.0	14.665329	50.0	828171.0	0.293307	Y
7	STD200 460-869565/9	200.0	66.434519	50.0	995271.0	0.332173	Y
8	STD500 460-869565/10	500.0	178.993432	50.0	1067240.0	0.357987	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

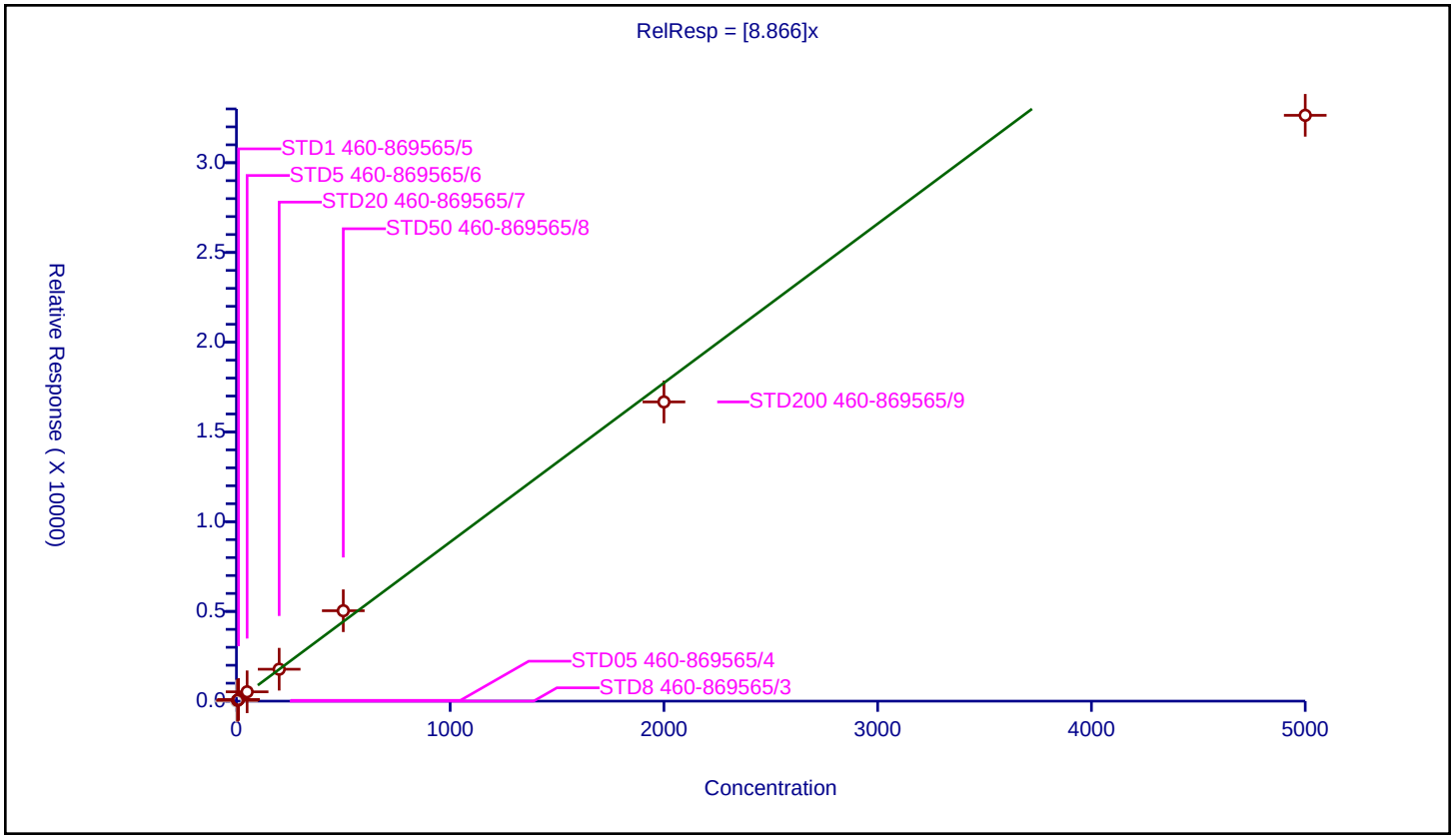
Curve Coefficients

Intercept:	0
Slope:	8.866

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	1000.0	57336.0	NaN	N
2	STD05 460-869565/4	5.0	43.767902	1000.0	46084.0	8.75358	Y
3	STD1 460-869565/5	10.0	90.640394	1000.0	44660.0	9.064039	Y
4	STD5 460-869565/6	50.0	520.780322	1000.0	44802.0	10.415606	Y
5	STD20 460-869565/7	200.0	1778.428011	1000.0	50751.0	8.89214	Y
6	STD50 460-869565/8	500.0	5036.840128	1000.0	53230.0	10.07368	Y
7	STD200 460-869565/9	2000.0	16672.083111	1000.0	75080.0	8.336042	Y
8	STD500 460-869565/10	5000.0	32642.373698	1000.0	87172.0	6.528475	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

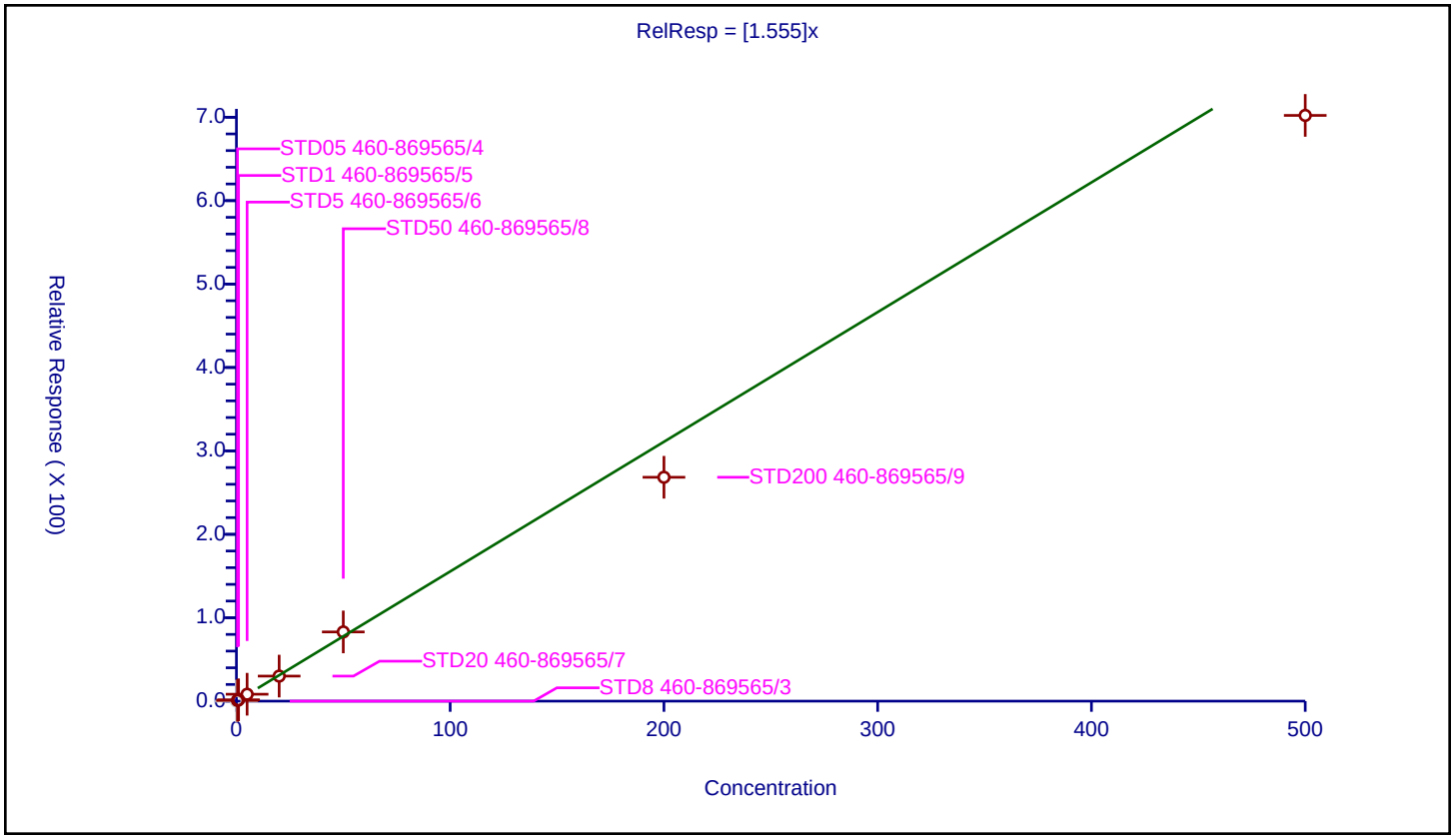
Curve Coefficients

Intercept:	0
Slope:	1.555

Error Coefficients

Standard Error:	6520000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.871032	50.0	721845.0	1.742064	Y
3	STD1 460-869565/5	1.0	1.576921	50.0	736467.0	1.576921	Y
4	STD5 460-869565/6	5.0	8.285473	50.0	753415.0	1.657095	Y
5	STD20 460-869565/7	20.0	30.01644	50.0	836380.0	1.500822	Y
6	STD50 460-869565/8	50.0	82.961369	50.0	828171.0	1.659227	Y
7	STD200 460-869565/9	200.0	268.377105	50.0	995271.0	1.341886	Y
8	STD500 460-869565/10	500.0	702.181093	50.0	1067240.0	1.404362	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

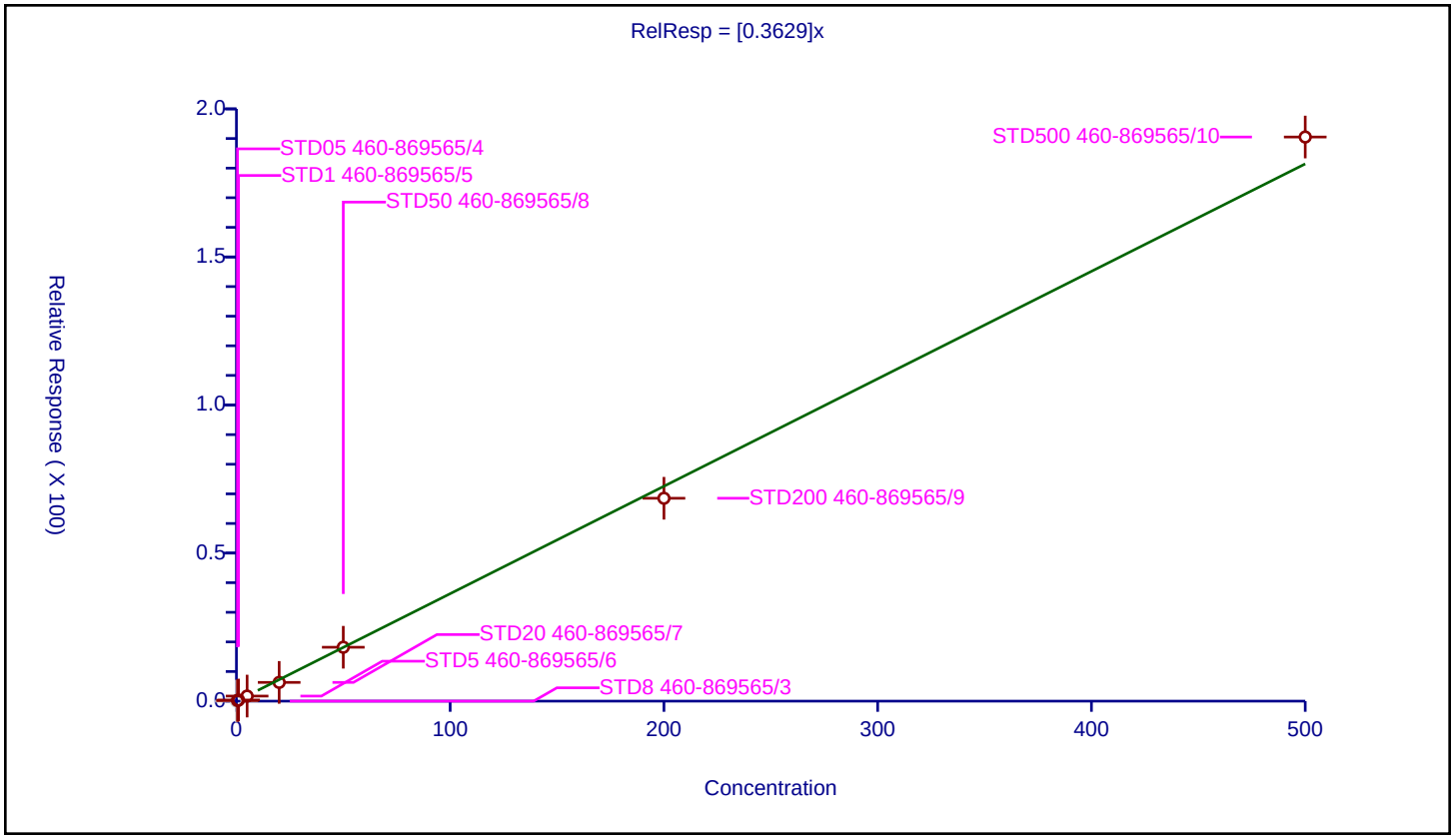
Curve Coefficients

Intercept:	0
Slope:	0.3629

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	9.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.209048	50.0	721845.0	0.418095	Y
3	STD1 460-869565/5	1.0	0.374626	50.0	736467.0	0.374626	Y
4	STD5 460-869565/6	5.0	1.716451	50.0	753415.0	0.34329	Y
5	STD20 460-869565/7	20.0	6.327268	50.0	836380.0	0.316363	Y
6	STD50 460-869565/8	50.0	18.202219	50.0	828171.0	0.364044	Y
7	STD200 460-869565/9	200.0	68.5135	50.0	995271.0	0.342568	Y
8	STD500 460-869565/10	500.0	190.500169	50.0	1067240.0	0.381	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

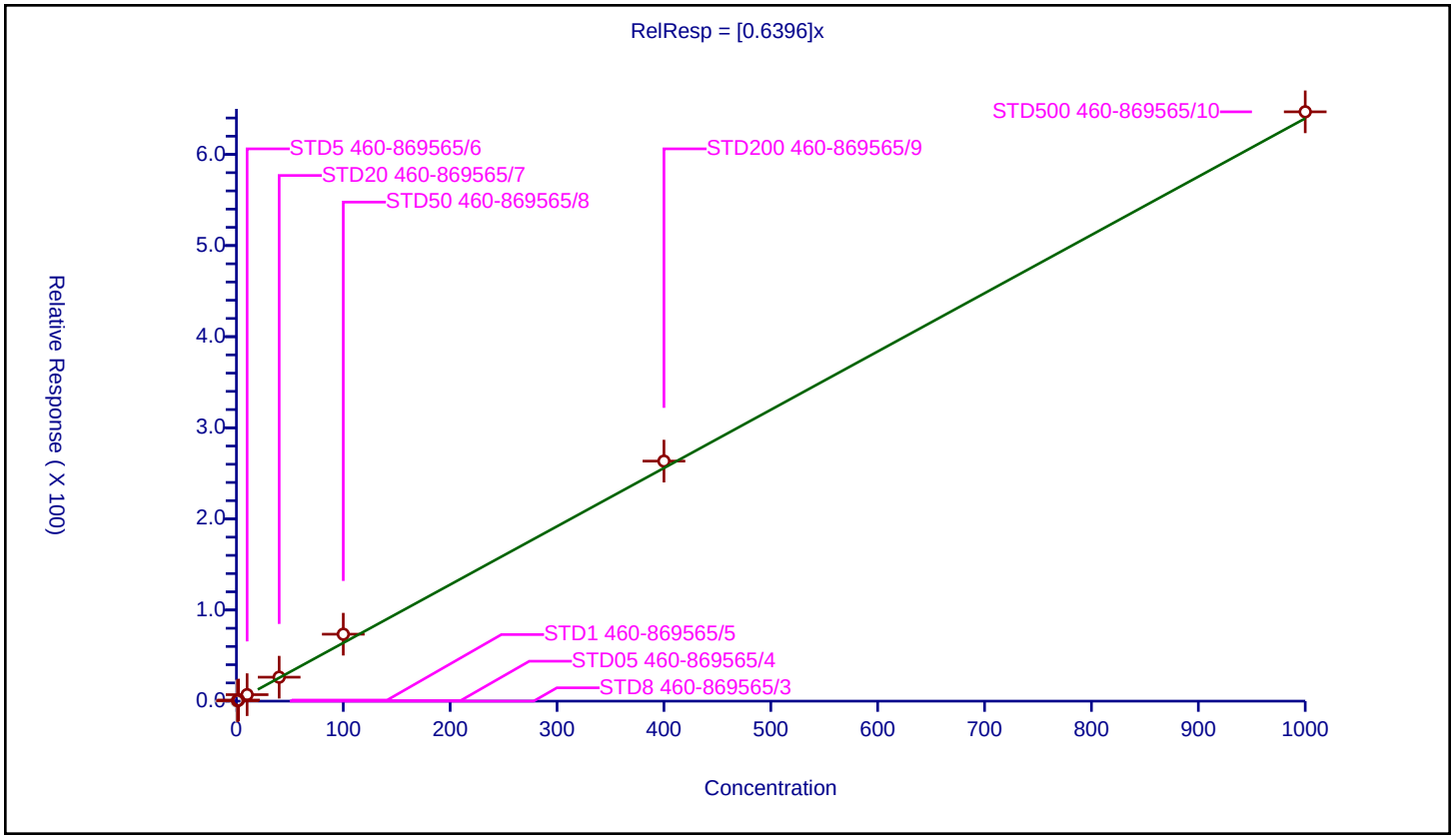
Curve Coefficients

Intercept:	0
Slope:	0.6396

Error Coefficients

Standard Error:	6050000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	1.0	0.480713	50.0	721845.0	0.480713	Y
3	STD1 460-869565/5	2.0	1.176156	50.0	736467.0	0.588078	Y
4	STD5 460-869565/6	10.0	7.109296	50.0	753415.0	0.71093	Y
5	STD20 460-869565/7	40.0	26.28823	50.0	836380.0	0.657206	Y
6	STD50 460-869565/8	100.0	73.463934	50.0	828171.0	0.734639	Y
7	STD200 460-869565/9	400.0	263.448498	50.0	995271.0	0.658621	Y
8	STD500 460-869565/10	1000.0	646.795847	50.0	1067240.0	0.646796	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

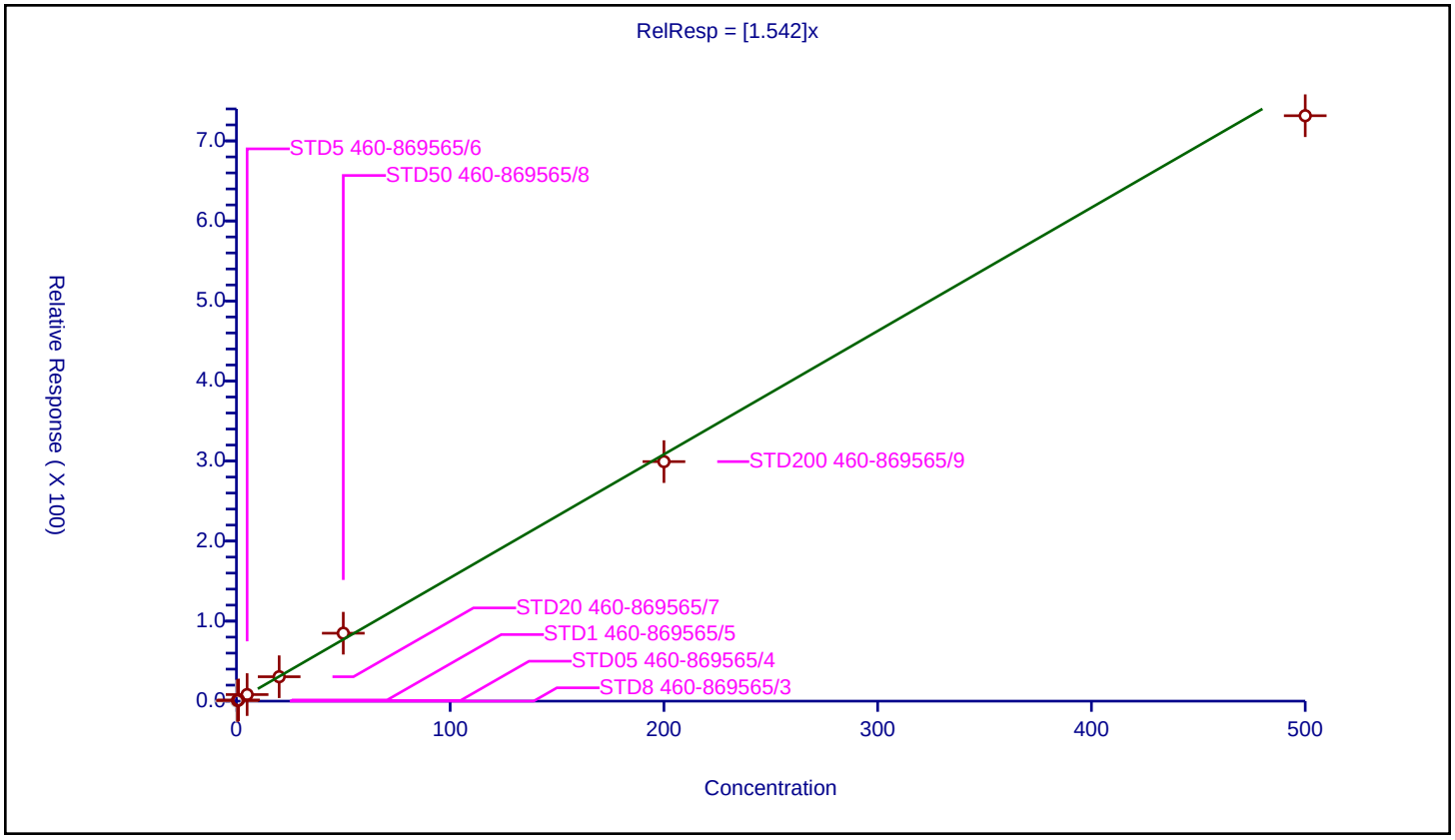
Curve Coefficients

Intercept:	0
Slope:	1.542

Error Coefficients

Standard Error:	6850000
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 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.755218	50.0	721845.0	1.510435	Y
3	STD1 460-869565/5	1.0	1.455938	50.0	736467.0	1.455938	Y
4	STD5 460-869565/6	5.0	8.216521	50.0	753415.0	1.643304	Y
5	STD20 460-869565/7	20.0	30.507365	50.0	836380.0	1.525368	Y
6	STD50 460-869565/8	50.0	84.86309	50.0	828171.0	1.697262	Y
7	STD200 460-869565/9	200.0	299.287531	50.0	995271.0	1.496438	Y
8	STD500 460-869565/10	500.0	731.481579	50.0	1067240.0	1.462963	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

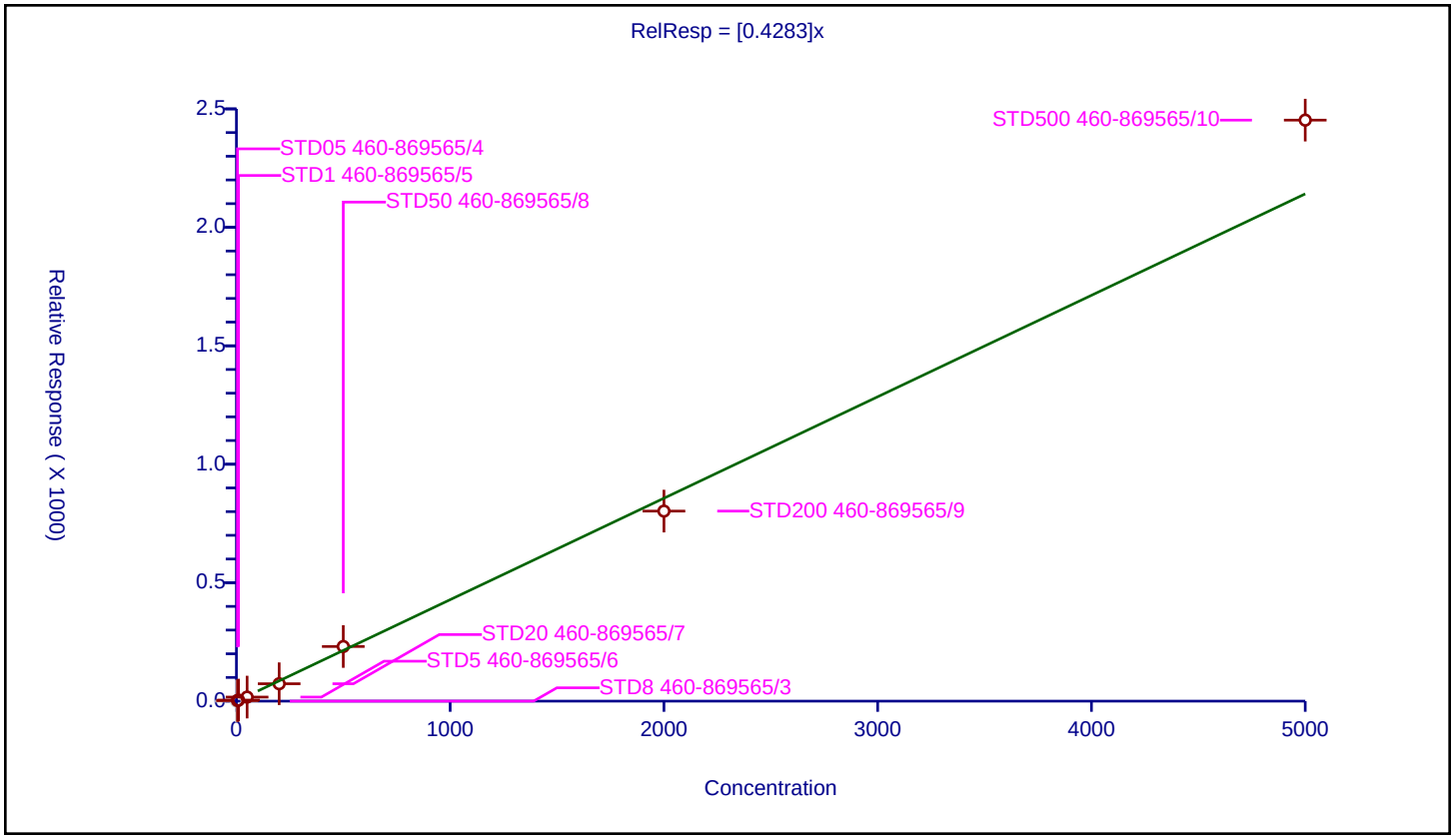
Curve Coefficients

Intercept:	0
Slope:	0.4283

Error Coefficients

Standard Error:	4150000
Relative Standard Error:	13.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	250.0	769480.0	NaN	N
2	STD05 460-869565/4	5.0	2.424854	250.0	650967.0	0.484971	Y
3	STD1 460-869565/5	10.0	4.494093	250.0	637726.0	0.449409	Y
4	STD5 460-869565/6	50.0	17.165862	250.0	627743.0	0.343317	Y
5	STD20 460-869565/7	200.0	73.431203	250.0	716807.0	0.367156	Y
6	STD50 460-869565/8	500.0	230.663873	250.0	754934.0	0.461328	Y
7	STD200 460-869565/9	2000.0	802.186459	250.0	988173.0	0.401093	Y
8	STD500 460-869565/10	5000.0	2452.51573	250.0	981862.0	0.490503	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

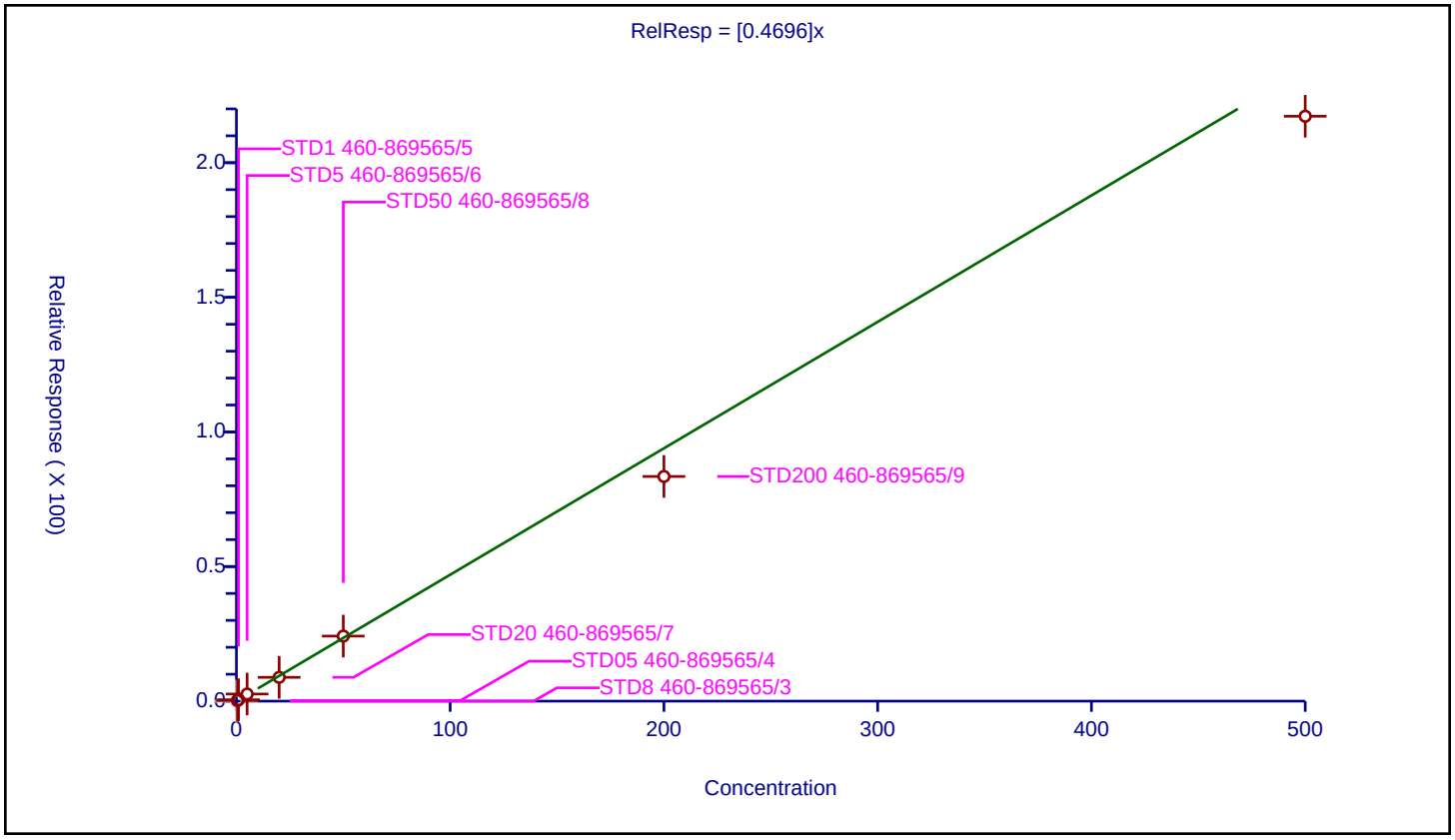
Curve Coefficients

Intercept:	0
Slope:	0.4696

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.232598	50.0	721845.0	0.465197	Y
3	STD1 460-869565/5	1.0	0.515705	50.0	736467.0	0.515705	Y
4	STD5 460-869565/6	5.0	2.647014	50.0	753415.0	0.529403	Y
5	STD20 460-869565/7	20.0	8.837012	50.0	836380.0	0.441851	Y
6	STD50 460-869565/8	50.0	24.160349	50.0	828171.0	0.483207	Y
7	STD200 460-869565/9	200.0	83.45742	50.0	995271.0	0.417287	Y
8	STD500 460-869565/10	500.0	217.271982	50.0	1067240.0	0.434544	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

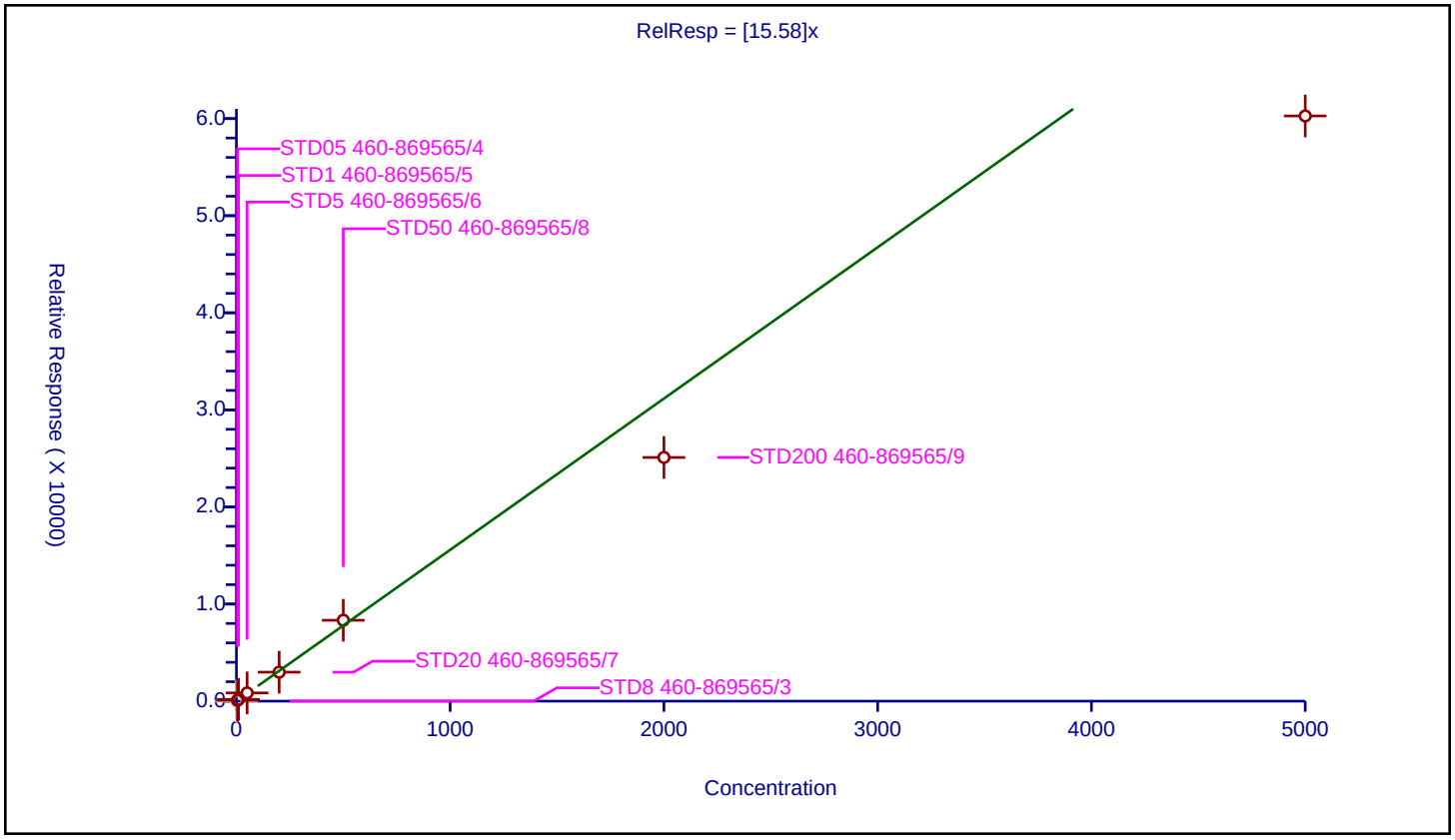
Curve Coefficients

Intercept:	0
Slope:	15.58

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	15.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	1000.0	57336.0	NaN	N
2	STD05 460-869565/4	5.0	89.705755	1000.0	46084.0	17.941151	Y
3	STD1 460-869565/5	10.0	179.287953	1000.0	44660.0	17.928795	Y
4	STD5 460-869565/6	50.0	849.872774	1000.0	44802.0	16.997455	Y
5	STD20 460-869565/7	200.0	2986.89681	1000.0	50751.0	14.934484	Y
6	STD50 460-869565/8	500.0	8332.932557	1000.0	53230.0	16.665865	Y
7	STD200 460-869565/9	2000.0	25099.24081	1000.0	75080.0	12.54962	Y
8	STD500 460-869565/10	5000.0	60269.53609	1000.0	87172.0	12.053907	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

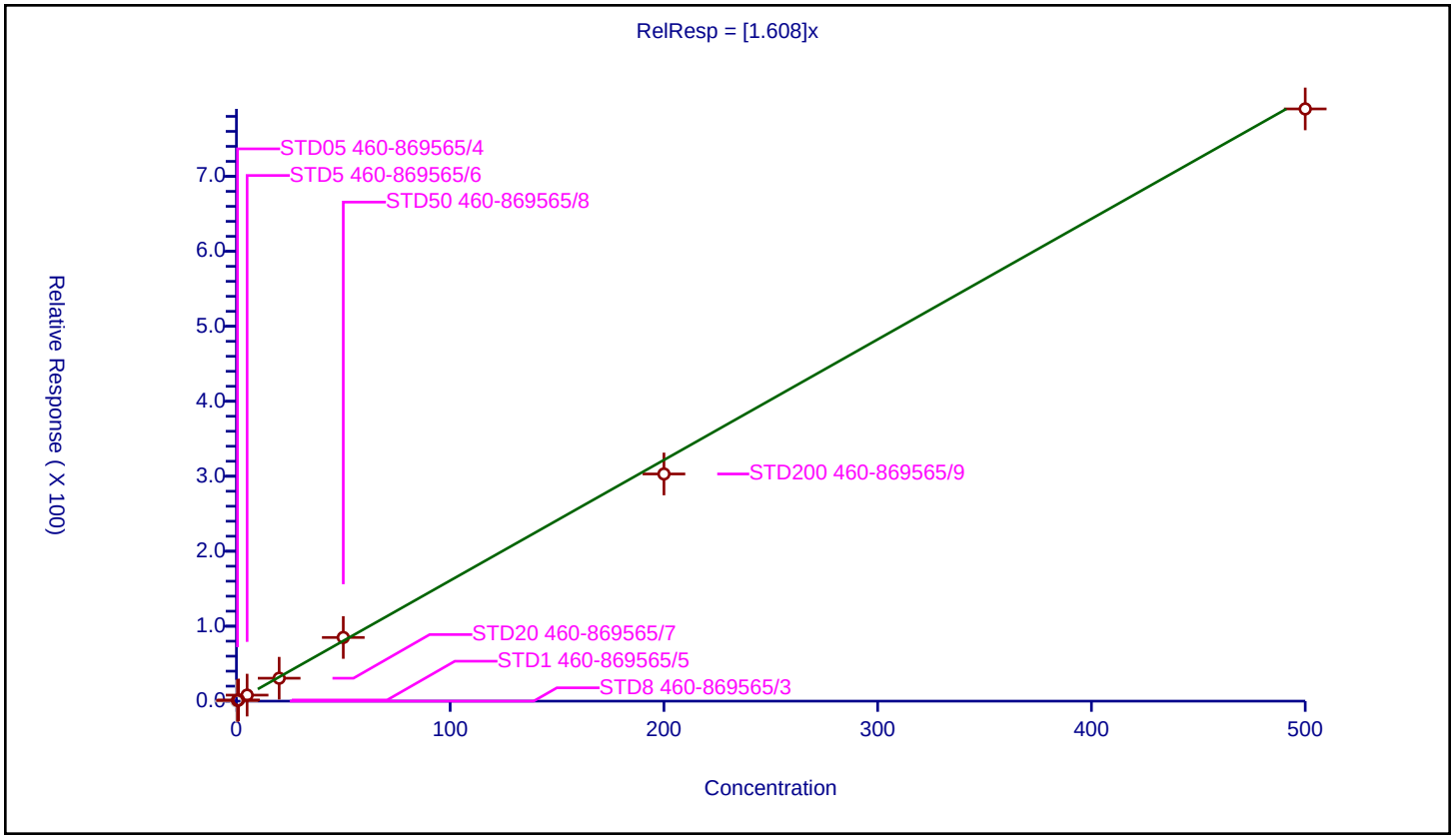
Curve Coefficients

Intercept:	0
Slope:	1.608

Error Coefficients

Standard Error:	7340000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.890427	50.0	721845.0	1.780853	Y
3	STD1 460-869565/5	1.0	1.546912	50.0	736467.0	1.546912	Y
4	STD5 460-869565/6	5.0	8.042911	50.0	753415.0	1.608582	Y
5	STD20 460-869565/7	20.0	30.559853	50.0	836380.0	1.527993	Y
6	STD50 460-869565/8	50.0	84.939886	50.0	828171.0	1.698798	Y
7	STD200 460-869565/9	200.0	303.03244	50.0	995271.0	1.515162	Y
8	STD500 460-869565/10	500.0	789.964956	50.0	1067240.0	1.57993	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

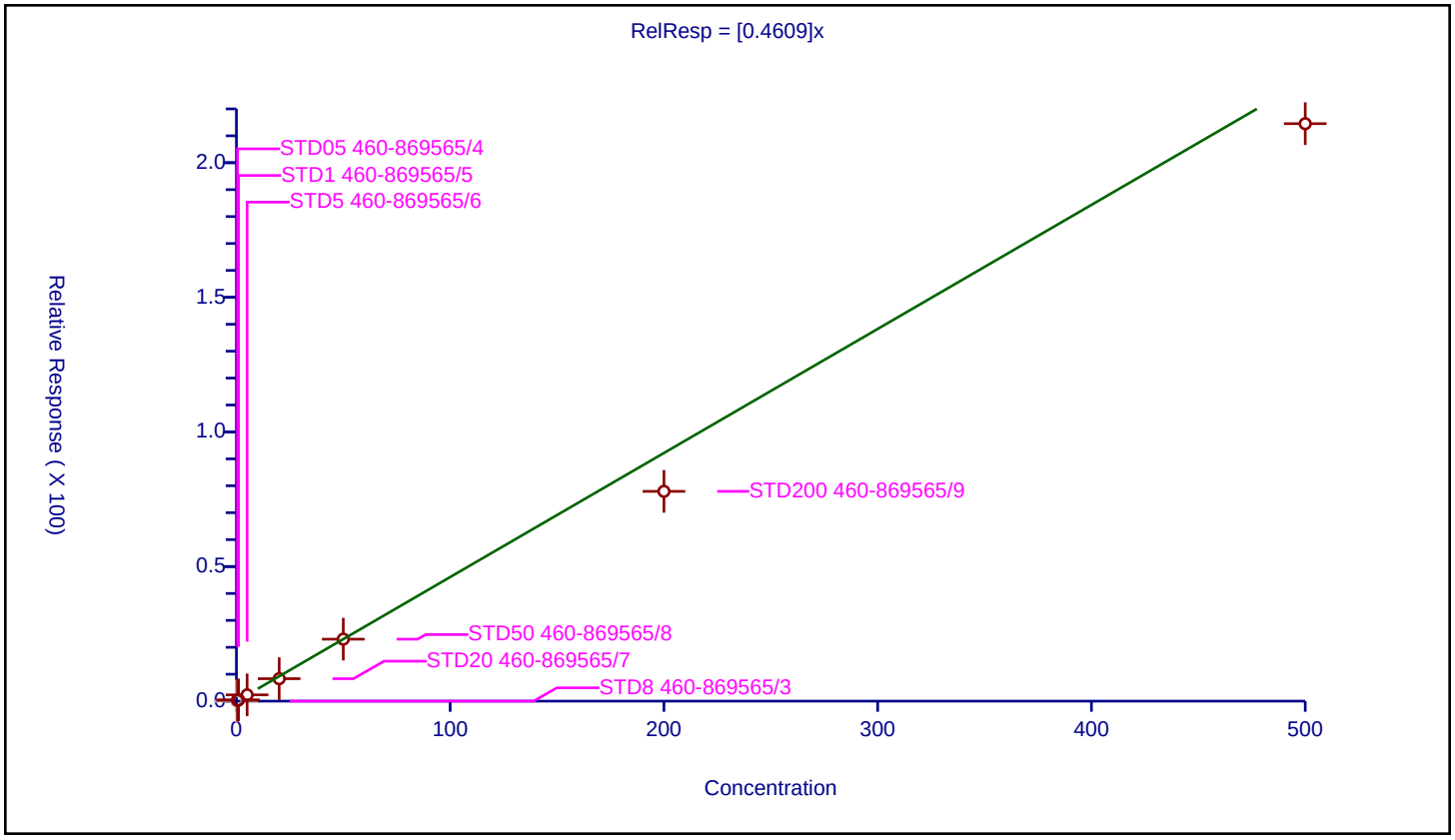
Curve Coefficients

Intercept:	0
Slope:	0.4609

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	14.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.301242	50.0	721845.0	0.602484	Y
3	STD1 460-869565/5	1.0	0.461188	50.0	736467.0	0.461188	Y
4	STD5 460-869565/6	5.0	2.333574	50.0	753415.0	0.466715	Y
5	STD20 460-869565/7	20.0	8.332875	50.0	836380.0	0.416644	Y
6	STD50 460-869565/8	50.0	23.019642	50.0	828171.0	0.460393	Y
7	STD200 460-869565/9	200.0	77.923852	50.0	995271.0	0.389619	Y
8	STD500 460-869565/10	500.0	214.507655	50.0	1067240.0	0.429015	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

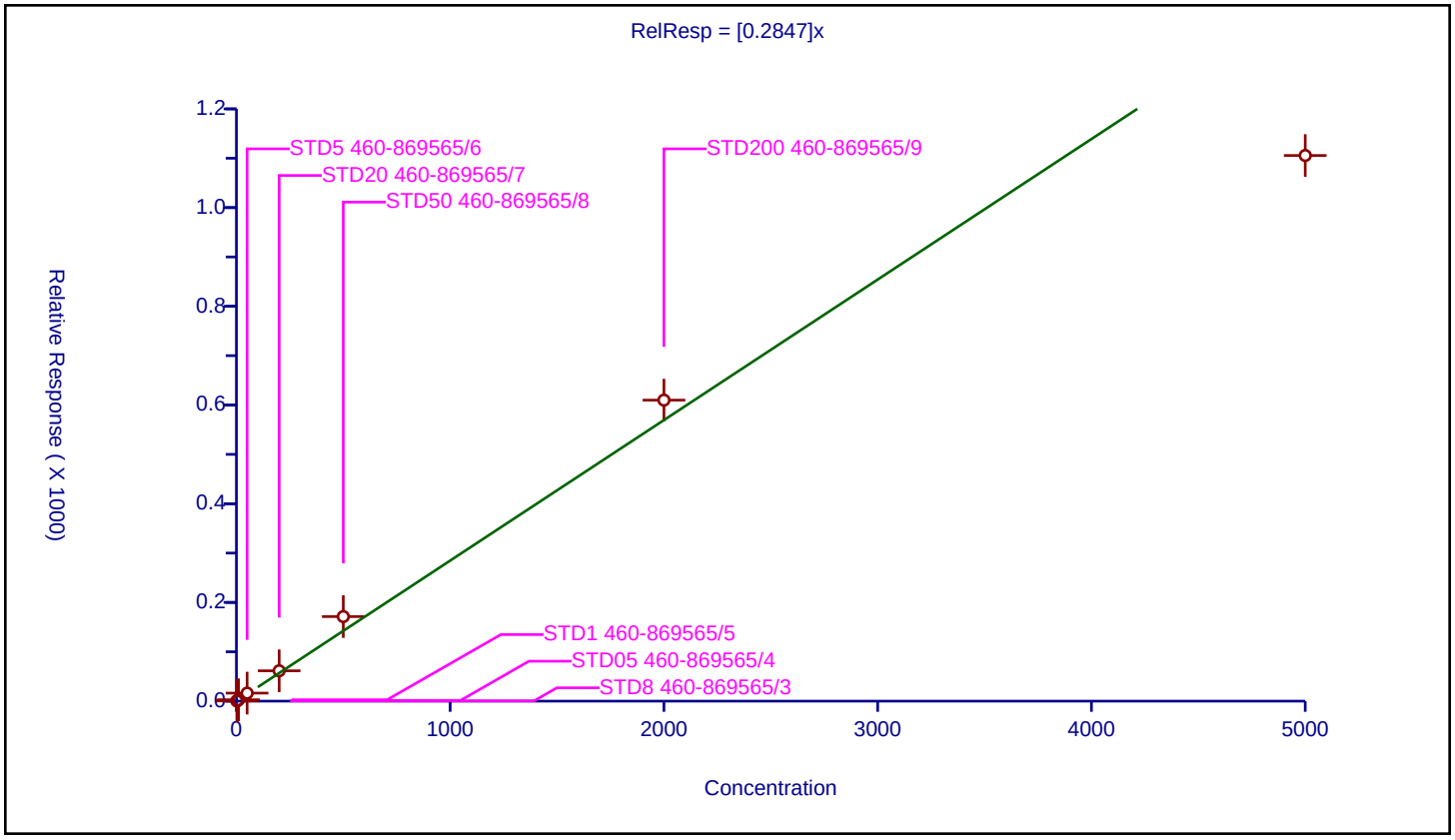
Curve Coefficients

Intercept:	0
Slope:	0.2847

Error Coefficients

Standard Error:	10100000
Relative Standard Error:	15.1
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	2.0	0.468849	50.0	801538.0	0.234424	Y
2	STD05 460-869565/4	5.0	1.326393	50.0	721845.0	0.265279	Y
3	STD1 460-869565/5	10.0	2.768556	50.0	736467.0	0.276856	Y
4	STD5 460-869565/6	50.0	16.251999	50.0	753415.0	0.32504	Y
5	STD20 460-869565/7	200.0	61.501231	50.0	836380.0	0.307506	Y
6	STD50 460-869565/8	500.0	171.337985	50.0	828171.0	0.342676	Y
7	STD200 460-869565/9	2000.0	609.892582	50.0	995271.0	0.304946	Y
8	STD500 460-869565/10	5000.0	1105.546691	50.0	1067240.0	0.221109	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

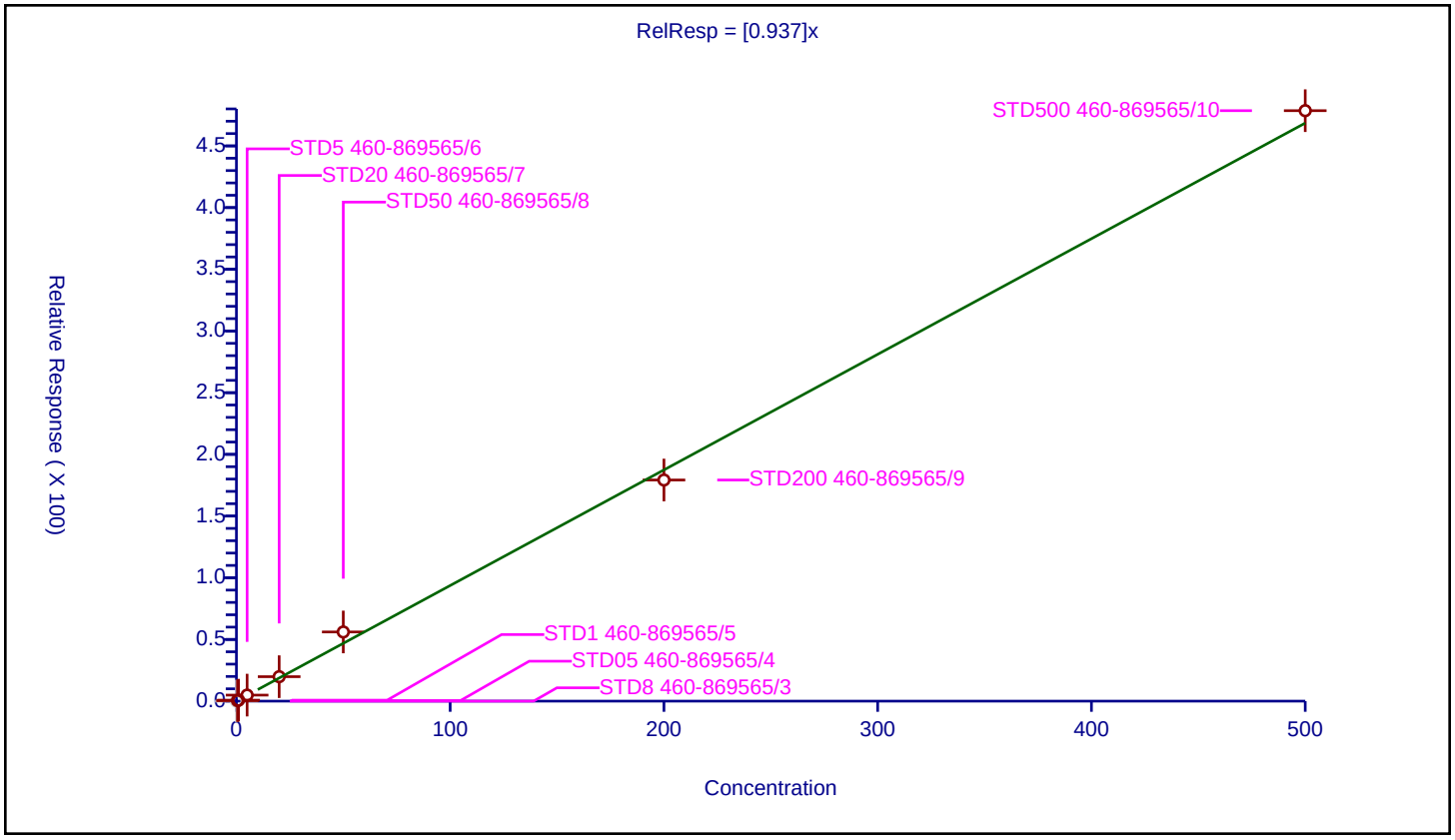
Curve Coefficients

Intercept:	0
Slope:	0.937

Error Coefficients

Standard Error:	4440000
Relative Standard Error:	12.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.412485	50.0	721845.0	0.824969	Y
3	STD1 460-869565/5	1.0	0.788358	50.0	736467.0	0.788358	Y
4	STD5 460-869565/6	5.0	4.899425	50.0	753415.0	0.979885	Y
5	STD20 460-869565/7	20.0	19.820715	50.0	836380.0	0.991036	Y
6	STD50 460-869565/8	50.0	56.065837	50.0	828171.0	1.121317	Y
7	STD200 460-869565/9	200.0	179.227919	50.0	995271.0	0.89614	Y
8	STD500 460-869565/10	500.0	478.545641	50.0	1067240.0	0.957091	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

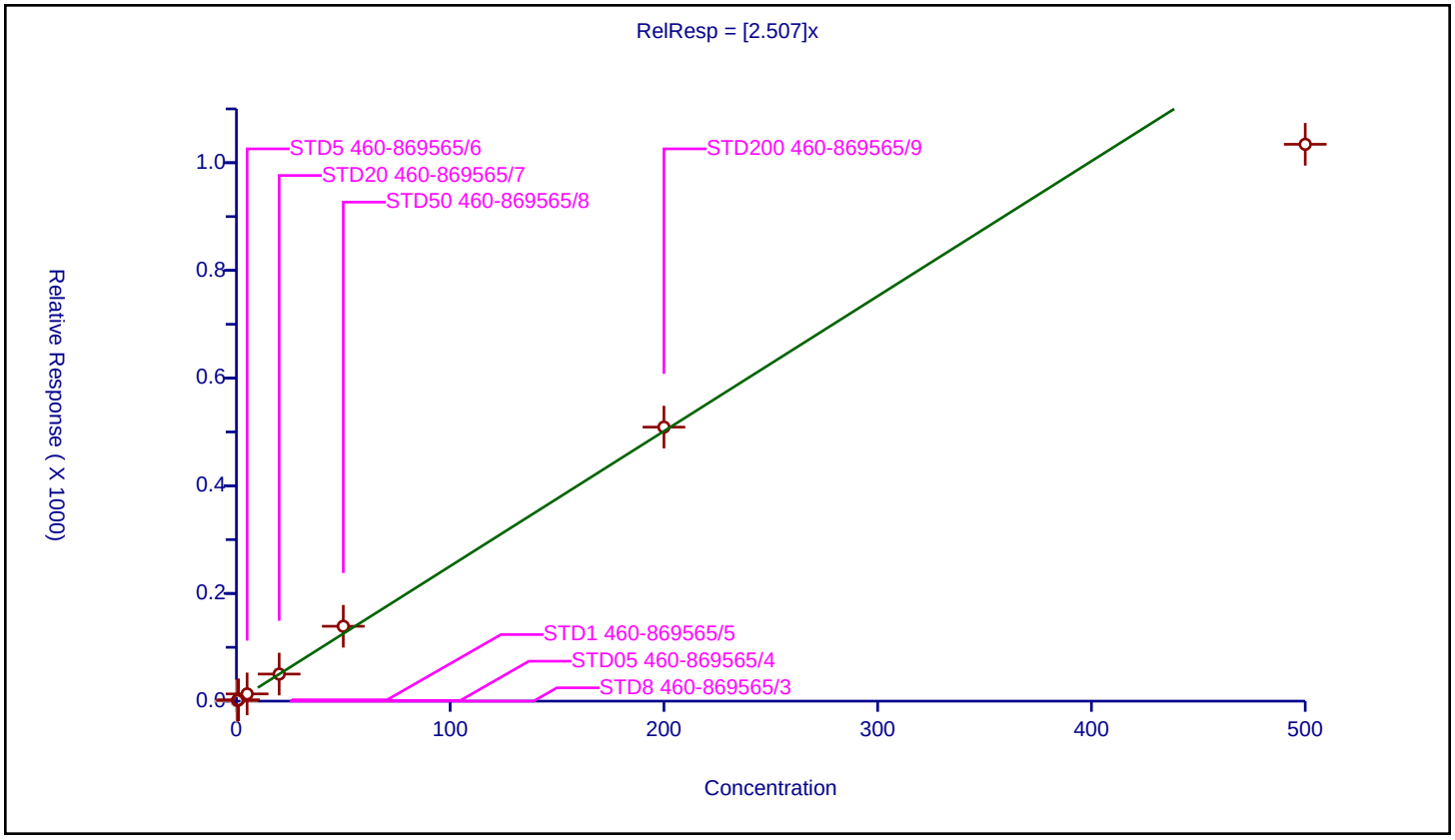
Curve Coefficients

Intercept:	0
Slope:	2.507

Error Coefficients

Standard Error:	9970000
Relative Standard Error:	9.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	1.240017	50.0	721845.0	2.480034	Y
3	STD1 460-869565/5	1.0	2.473498	50.0	736467.0	2.473498	Y
4	STD5 460-869565/6	5.0	13.444914	50.0	753415.0	2.688983	Y
5	STD20 460-869565/7	20.0	50.266805	50.0	836380.0	2.51334	Y
6	STD50 460-869565/8	50.0	139.095609	50.0	828171.0	2.781912	Y
7	STD200 460-869565/9	200.0	508.955601	50.0	995271.0	2.544778	Y
8	STD500 460-869565/10	500.0	1034.270408	50.0	1067240.0	2.068541	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

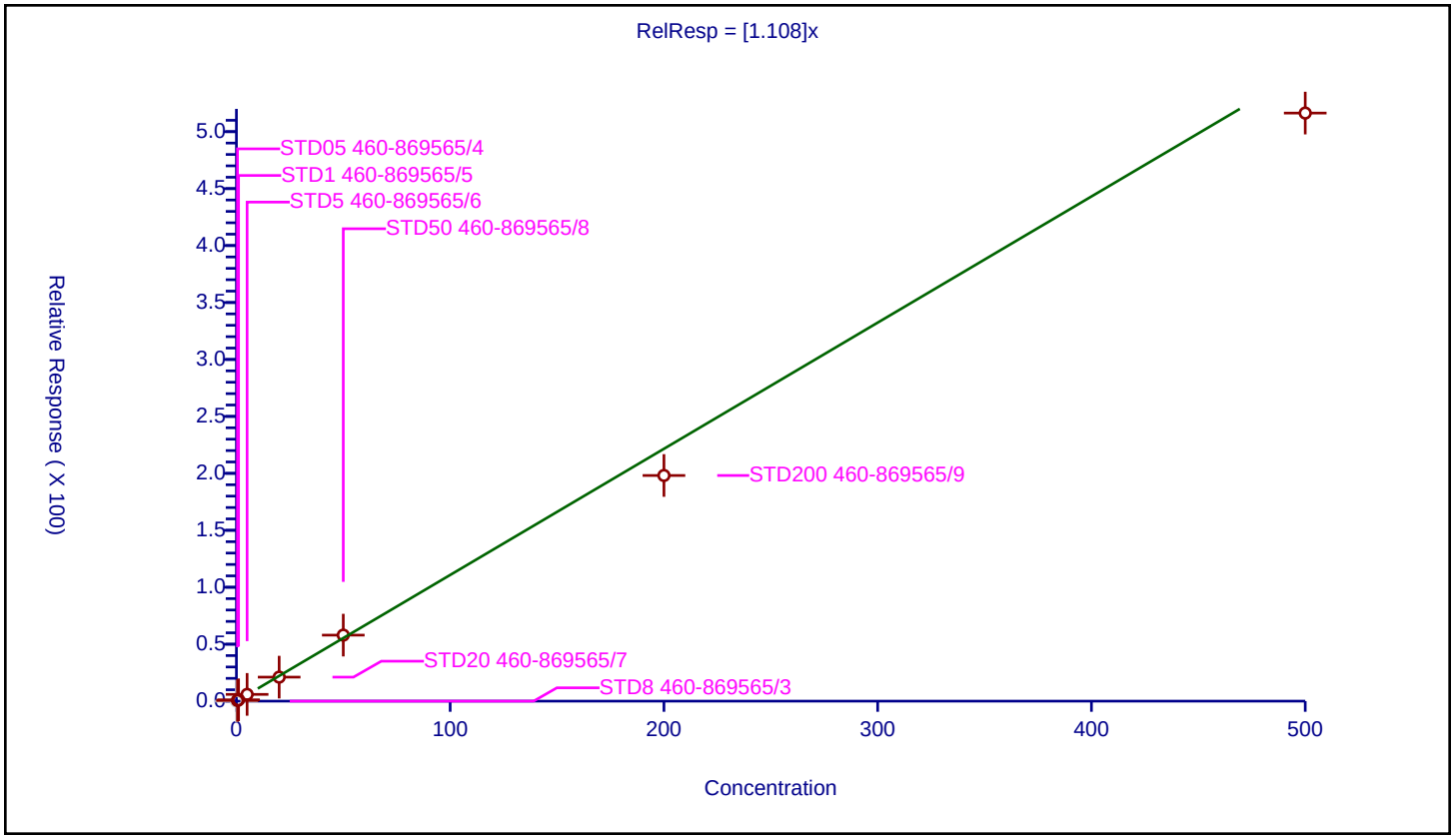
Curve Coefficients

Intercept:	0
Slope:	1.108

Error Coefficients

Standard Error:	4800000
Relative Standard Error:	7.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.592509	50.0	721845.0	1.185019	Y
3	STD1 460-869565/5	1.0	1.148388	50.0	736467.0	1.148388	Y
4	STD5 460-869565/6	5.0	5.92469	50.0	753415.0	1.184938	Y
5	STD20 460-869565/7	20.0	21.071762	50.0	836380.0	1.053588	Y
6	STD50 460-869565/8	50.0	57.954758	50.0	828171.0	1.159095	Y
7	STD200 460-869565/9	200.0	198.122421	50.0	995271.0	0.990612	Y
8	STD500 460-869565/10	500.0	516.317604	50.0	1067240.0	1.032635	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

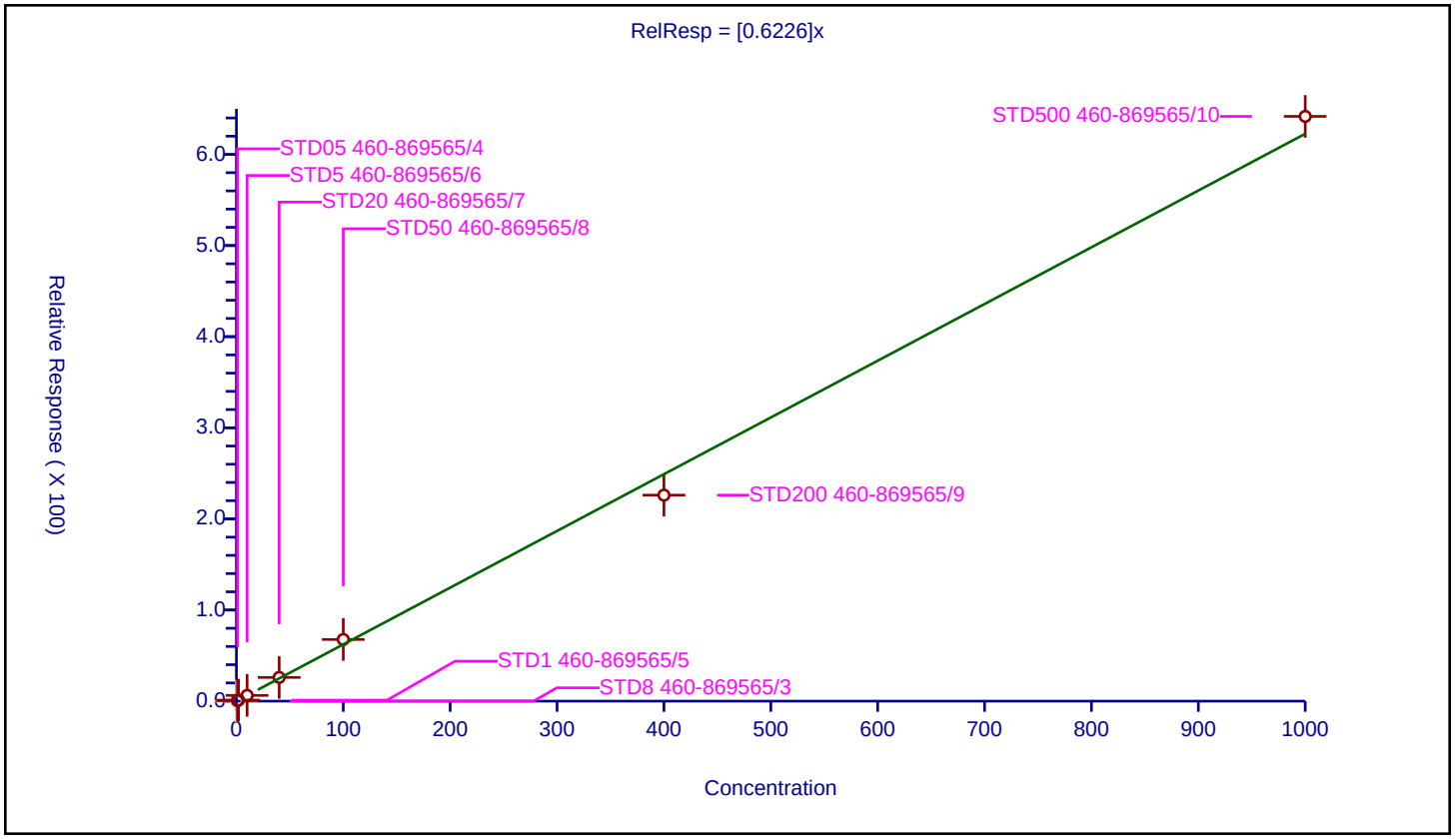
Curve Coefficients

Intercept:	0
Slope:	0.6226

Error Coefficients

Standard Error:	1100000
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	STD8 460-869565/3	0.0	0.0	250.0	769480.0	NaN	N
2	STD05 460-869565/4	1.0	0.623303	250.0	650967.0	0.623303	Y
3	STD1 460-869565/5	2.0	1.139204	250.0	637726.0	0.569602	Y
4	STD5 460-869565/6	10.0	6.312297	250.0	627743.0	0.63123	Y
5	STD20 460-869565/7	40.0	26.0213	250.0	716807.0	0.650533	Y
6	STD50 460-869565/8	100.0	67.690023	250.0	754934.0	0.6769	Y
7	STD200 460-869565/9	400.0	226.087942	250.0	988173.0	0.56522	Y
8	STD500 460-869565/10	1000.0	641.743188	250.0	981862.0	0.641743	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

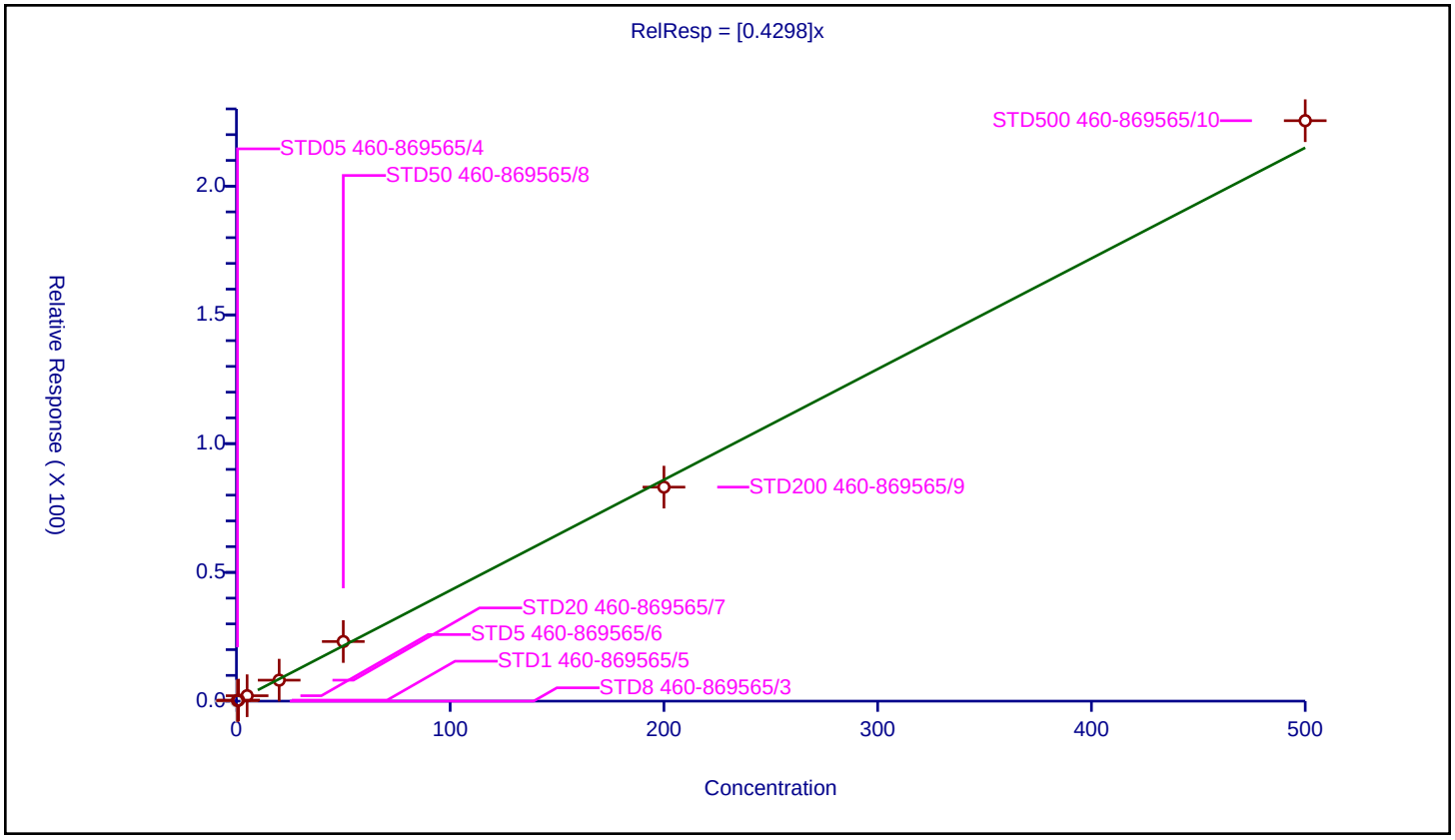
Curve Coefficients

Intercept:	0
Slope:	0.4298

Error Coefficients

Standard Error:	2080000
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	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.225187	50.0	721845.0	0.450374	Y
3	STD1 460-869565/5	1.0	0.401512	50.0	736467.0	0.401512	Y
4	STD5 460-869565/6	5.0	2.102626	50.0	753415.0	0.420525	Y
5	STD20 460-869565/7	20.0	8.141814	50.0	836380.0	0.407091	Y
6	STD50 460-869565/8	50.0	23.148903	50.0	828171.0	0.462978	Y
7	STD200 460-869565/9	200.0	83.111534	50.0	995271.0	0.415558	Y
8	STD500 460-869565/10	500.0	225.413778	50.0	1067240.0	0.450828	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

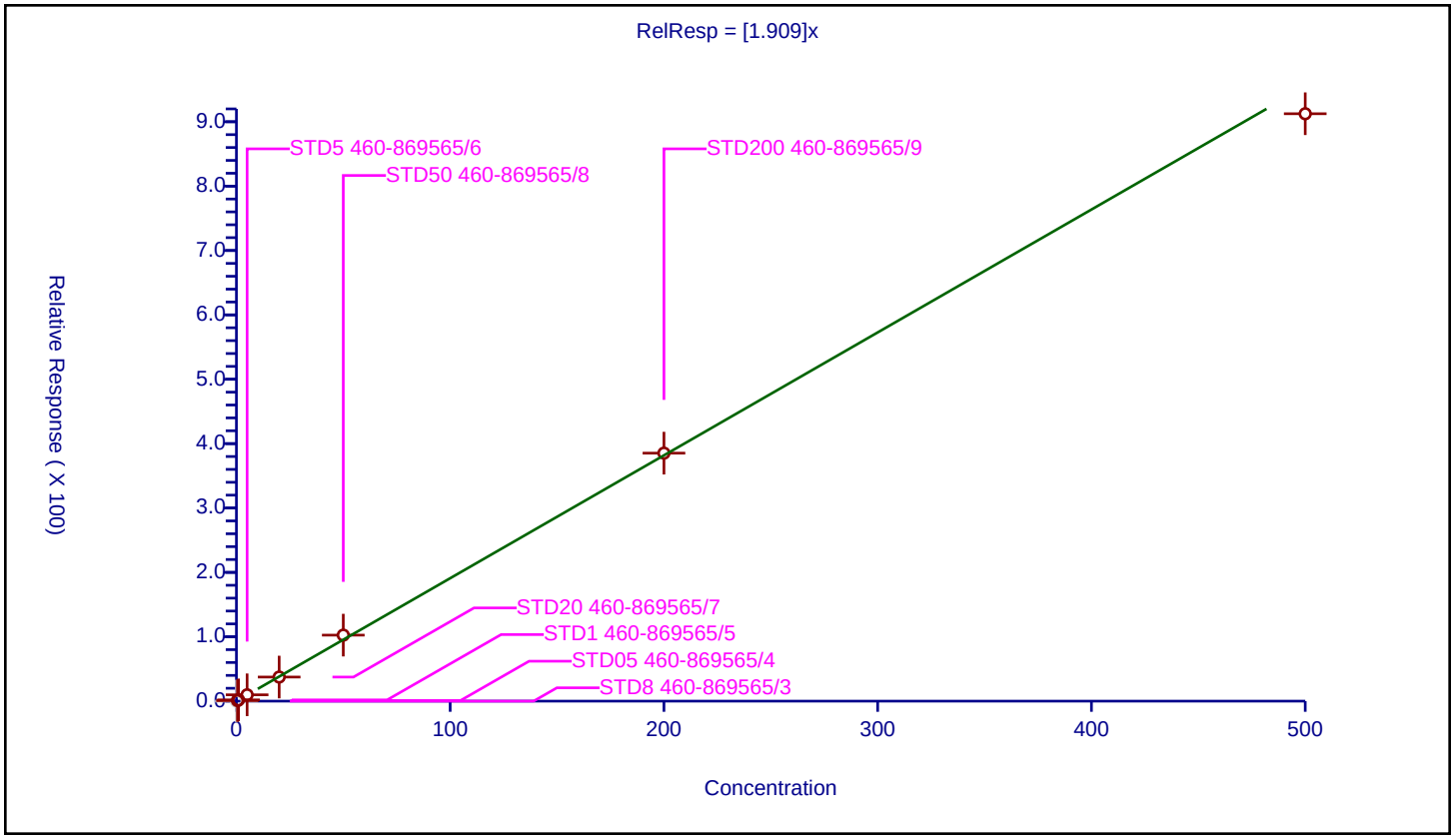
Curve Coefficients

Intercept:	0
Slope:	1.909

Error Coefficients

Standard Error:	8580000
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 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.908713	50.0	721845.0	1.817426	Y
3	STD1 460-869565/5	1.0	1.906535	50.0	736467.0	1.906535	Y
4	STD5 460-869565/6	5.0	9.835151	50.0	753415.0	1.96703	Y
5	STD20 460-869565/7	20.0	37.42886	50.0	836380.0	1.871443	Y
6	STD50 460-869565/8	50.0	102.523392	50.0	828171.0	2.050468	Y
7	STD200 460-869565/9	200.0	385.248339	50.0	995271.0	1.926242	Y
8	STD500 460-869565/10	500.0	912.464394	50.0	1067240.0	1.824929	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

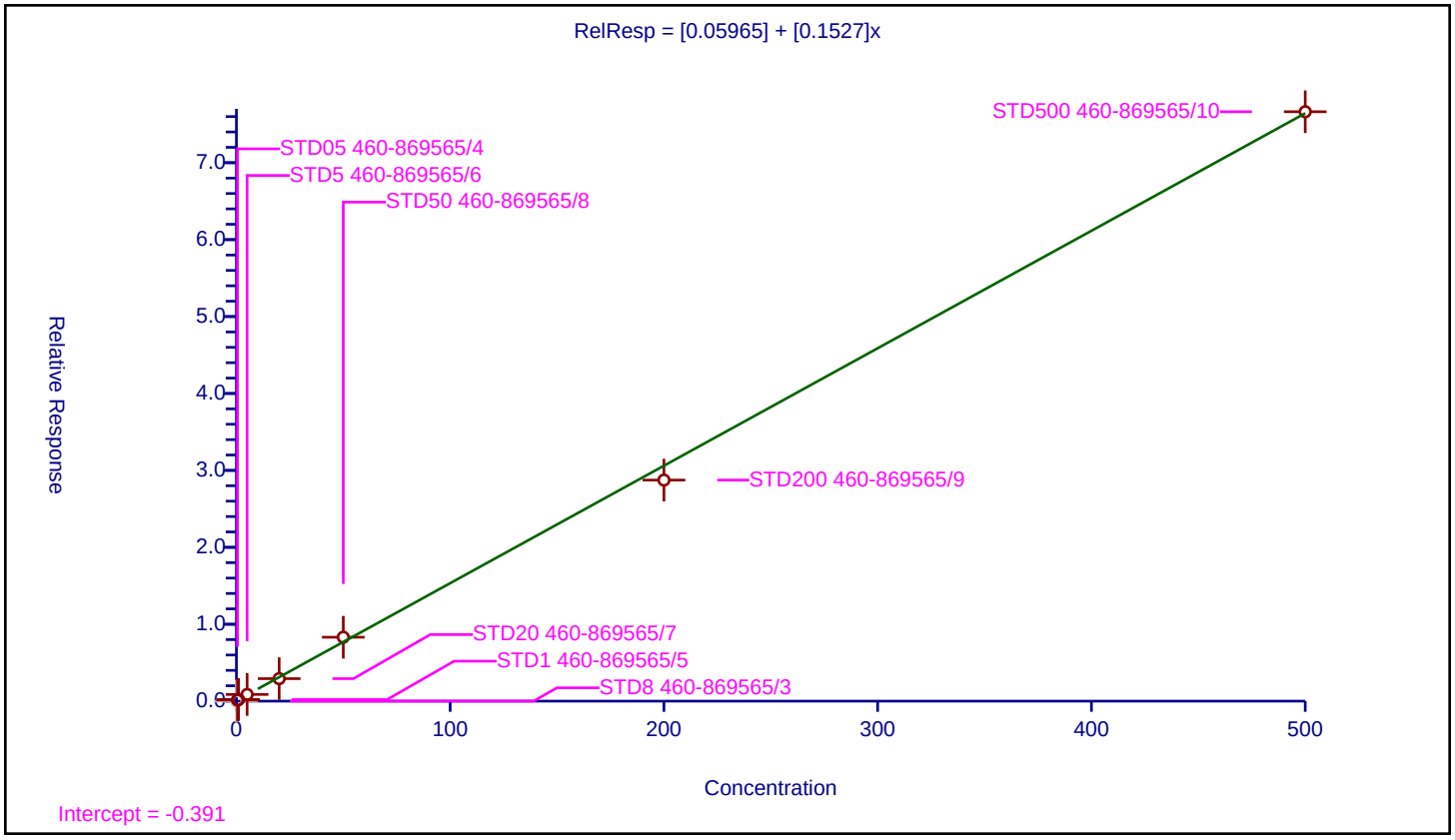
Curve Coefficients

Intercept:	0.05965
Slope:	0.1527

Error Coefficients

Standard Error:	778000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.136594	50.0	721845.0	0.273189	Y
3	STD1 460-869565/5	1.0	0.208631	50.0	736467.0	0.208631	Y
4	STD5 460-869565/6	5.0	0.867185	50.0	753415.0	0.173437	Y
5	STD20 460-869565/7	20.0	2.925166	50.0	836380.0	0.146258	Y
6	STD50 460-869565/8	50.0	8.309214	50.0	828171.0	0.166184	Y
7	STD200 460-869565/9	200.0	28.739861	50.0	995271.0	0.143699	Y
8	STD500 460-869565/10	500.0	76.629999	50.0	1067240.0	0.15326	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

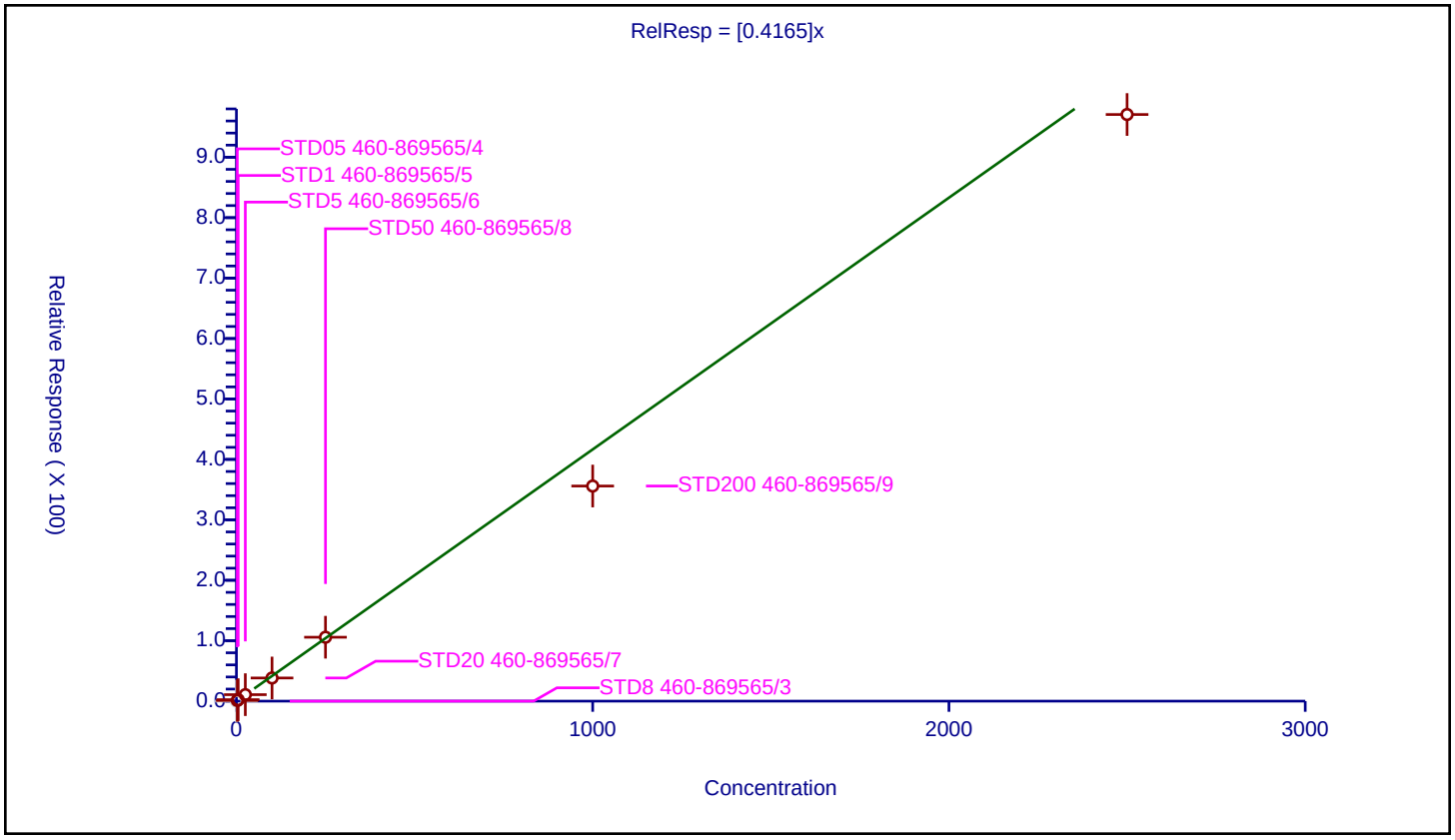
Curve Coefficients

Intercept:	0
Slope:	0.4165

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	250.0	769480.0	NaN	N
2	STD05 460-869565/4	2.5	1.146756	250.0	650967.0	0.458702	Y
3	STD1 460-869565/5	5.0	2.383077	250.0	637726.0	0.476615	Y
4	STD5 460-869565/6	25.0	10.738869	250.0	627743.0	0.429555	Y
5	STD20 460-869565/7	100.0	38.341213	250.0	716807.0	0.383412	Y
6	STD50 460-869565/8	250.0	105.755934	250.0	754934.0	0.423024	Y
7	STD200 460-869565/9	1000.0	355.922748	250.0	988173.0	0.355923	Y
8	STD500 460-869565/10	2500.0	970.716099	250.0	981862.0	0.388286	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

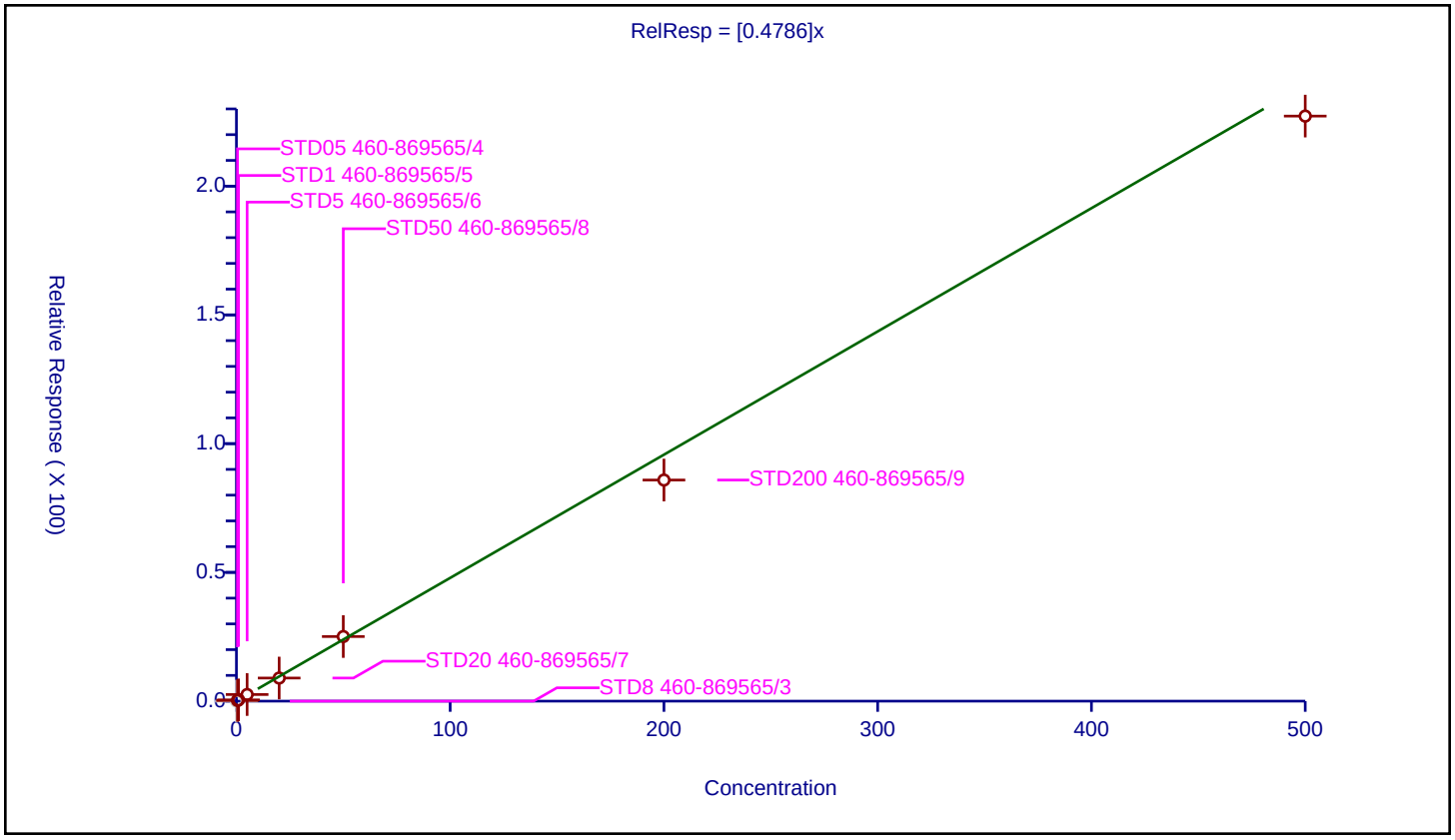
Curve Coefficients

Intercept:	0
Slope:	0.4786

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.259128	50.0	721845.0	0.518255	Y
3	STD1 460-869565/5	1.0	0.484543	50.0	736467.0	0.484543	Y
4	STD5 460-869565/6	5.0	2.566315	50.0	753415.0	0.513263	Y
5	STD20 460-869565/7	20.0	8.970145	50.0	836380.0	0.448507	Y
6	STD50 460-869565/8	50.0	25.088357	50.0	828171.0	0.501767	Y
7	STD200 460-869565/9	200.0	85.862192	50.0	995271.0	0.429311	Y
8	STD500 460-869565/10	500.0	227.204799	50.0	1067240.0	0.45441	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

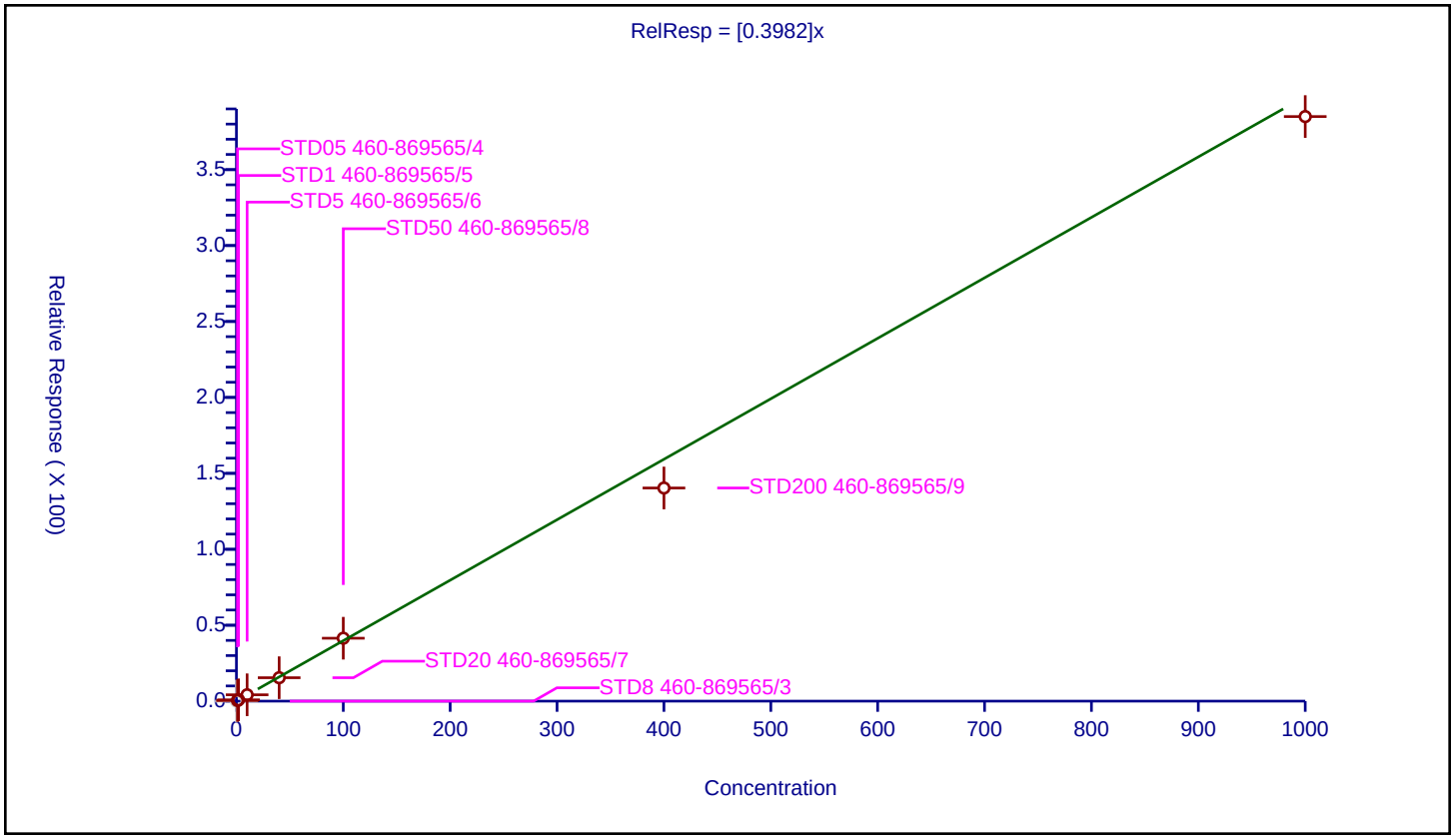
Curve Coefficients

Intercept:	0
Slope:	0.3982

Error Coefficients

Standard Error:	660000
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	STD8 460-869565/3	0.0	0.0	250.0	769480.0	NaN	N
2	STD05 460-869565/4	1.0	0.408239	250.0	650967.0	0.408239	Y
3	STD1 460-869565/5	2.0	0.851071	250.0	637726.0	0.425535	Y
4	STD5 460-869565/6	10.0	4.179656	250.0	627743.0	0.417966	Y
5	STD20 460-869565/7	40.0	15.42012	250.0	716807.0	0.385503	Y
6	STD50 460-869565/8	100.0	41.436735	250.0	754934.0	0.414367	Y
7	STD200 460-869565/9	400.0	140.360797	250.0	988173.0	0.350902	Y
8	STD500 460-869565/10	1000.0	384.945135	250.0	981862.0	0.384945	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

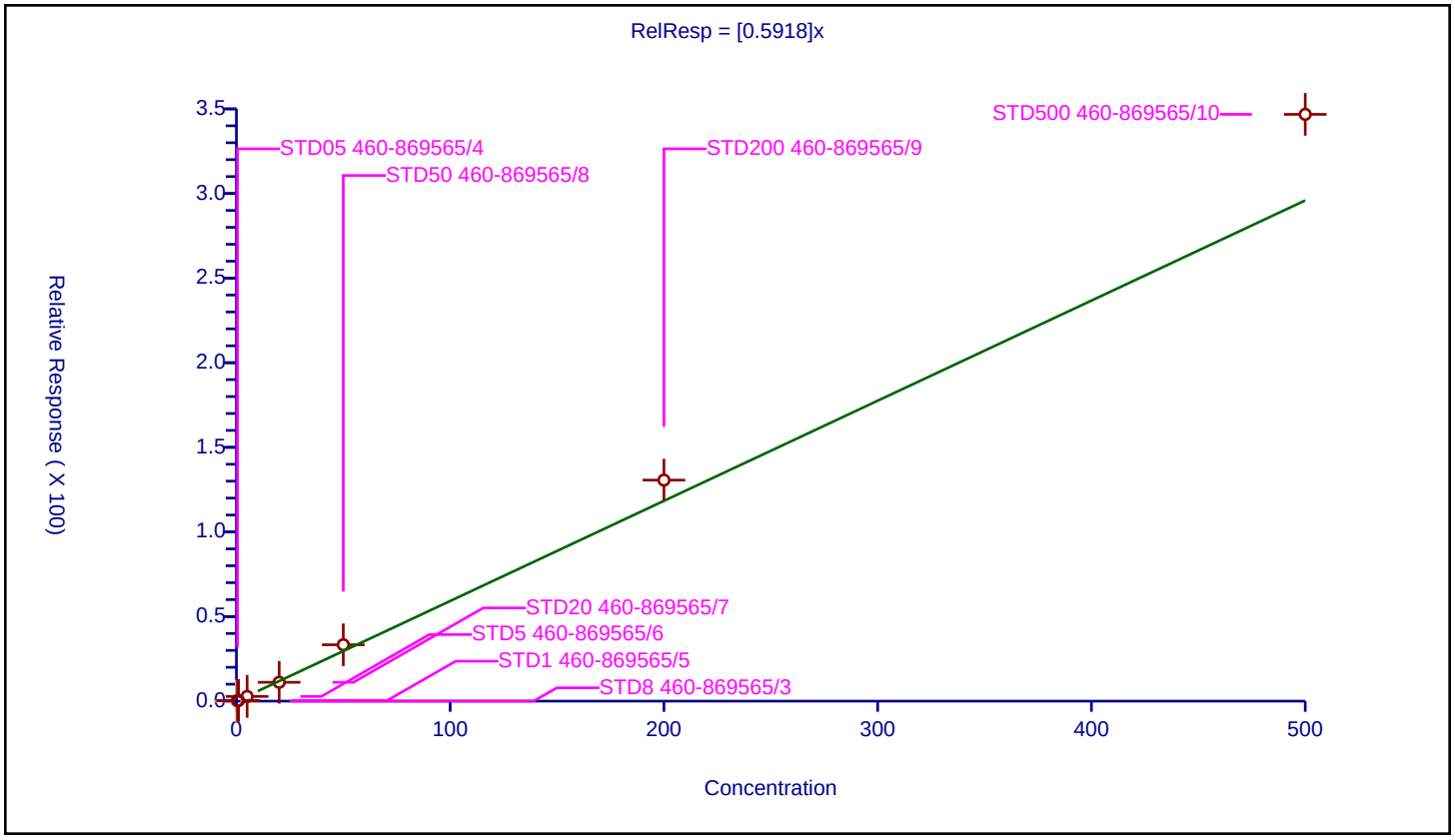
Curve Coefficients

Intercept:	0
Slope:	0.5918

Error Coefficients

Standard Error:	3210000
Relative Standard Error:	17.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.313156	50.0	721845.0	0.626312	Y
3	STD1 460-869565/5	1.0	0.391735	50.0	736467.0	0.391735	Y
4	STD5 460-869565/6	5.0	2.777155	50.0	753415.0	0.555431	Y
5	STD20 460-869565/7	20.0	11.12963	50.0	836380.0	0.556482	Y
6	STD50 460-869565/8	50.0	33.308821	50.0	828171.0	0.666176	Y
7	STD200 460-869565/9	200.0	130.610155	50.0	995271.0	0.653051	Y
8	STD500 460-869565/10	500.0	346.769424	50.0	1067240.0	0.693539	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

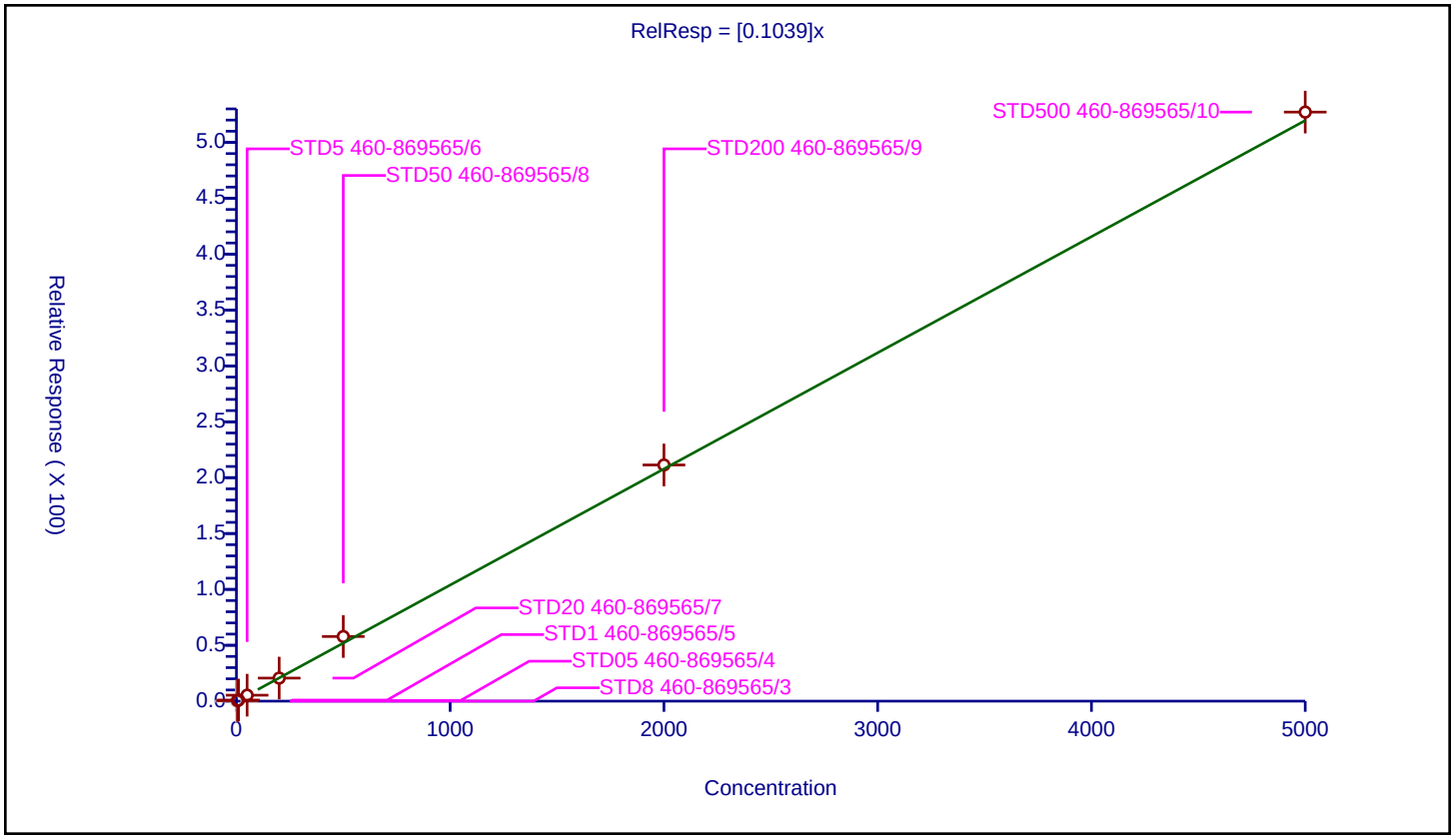
Curve Coefficients

Intercept:	0
Slope:	0.1039

Error Coefficients

Standard Error:	4920000
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	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	5.0	0.474063	50.0	721845.0	0.094813	Y
3	STD1 460-869565/5	10.0	0.960532	50.0	736467.0	0.096053	Y
4	STD5 460-869565/6	50.0	5.33378	50.0	753415.0	0.106676	Y
5	STD20 460-869565/7	200.0	20.618977	50.0	836380.0	0.103095	Y
6	STD50 460-869565/8	500.0	57.838961	50.0	828171.0	0.115678	Y
7	STD200 460-869565/9	2000.0	211.34284	50.0	995271.0	0.105671	Y
8	STD500 460-869565/10	5000.0	527.138413	50.0	1067240.0	0.105428	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

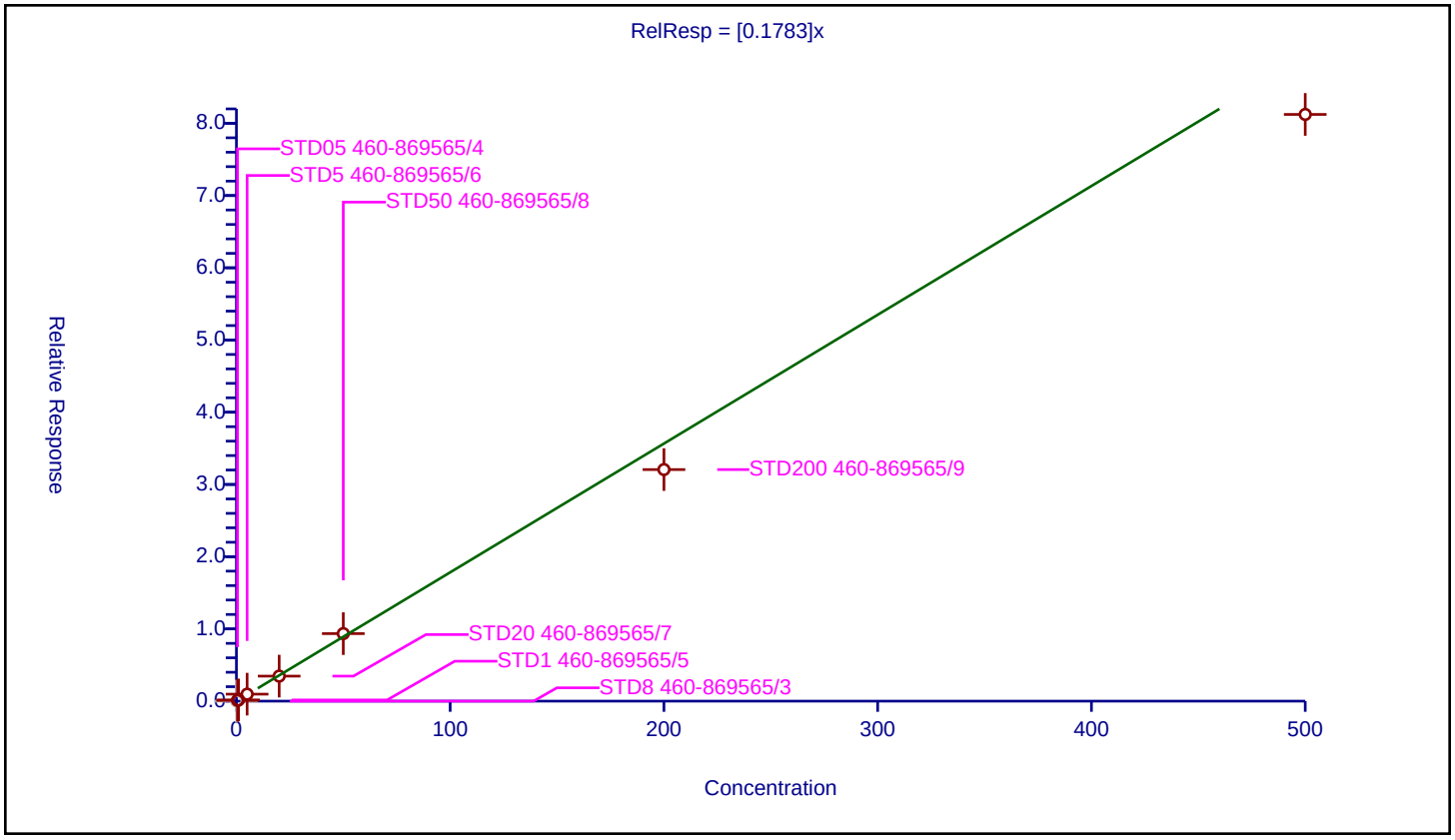
Curve Coefficients

Intercept:	0
Slope:	0.1783

Error Coefficients

Standard Error:	757000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.102931	50.0	721845.0	0.205861	Y
3	STD1 460-869565/5	1.0	0.165316	50.0	736467.0	0.165316	Y
4	STD5 460-869565/6	5.0	0.969585	50.0	753415.0	0.193917	Y
5	STD20 460-869565/7	20.0	3.465829	50.0	836380.0	0.173291	Y
6	STD50 460-869565/8	50.0	9.350303	50.0	828171.0	0.187006	Y
7	STD200 460-869565/9	200.0	32.063729	50.0	995271.0	0.160319	Y
8	STD500 460-869565/10	500.0	81.232525	50.0	1067240.0	0.162465	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

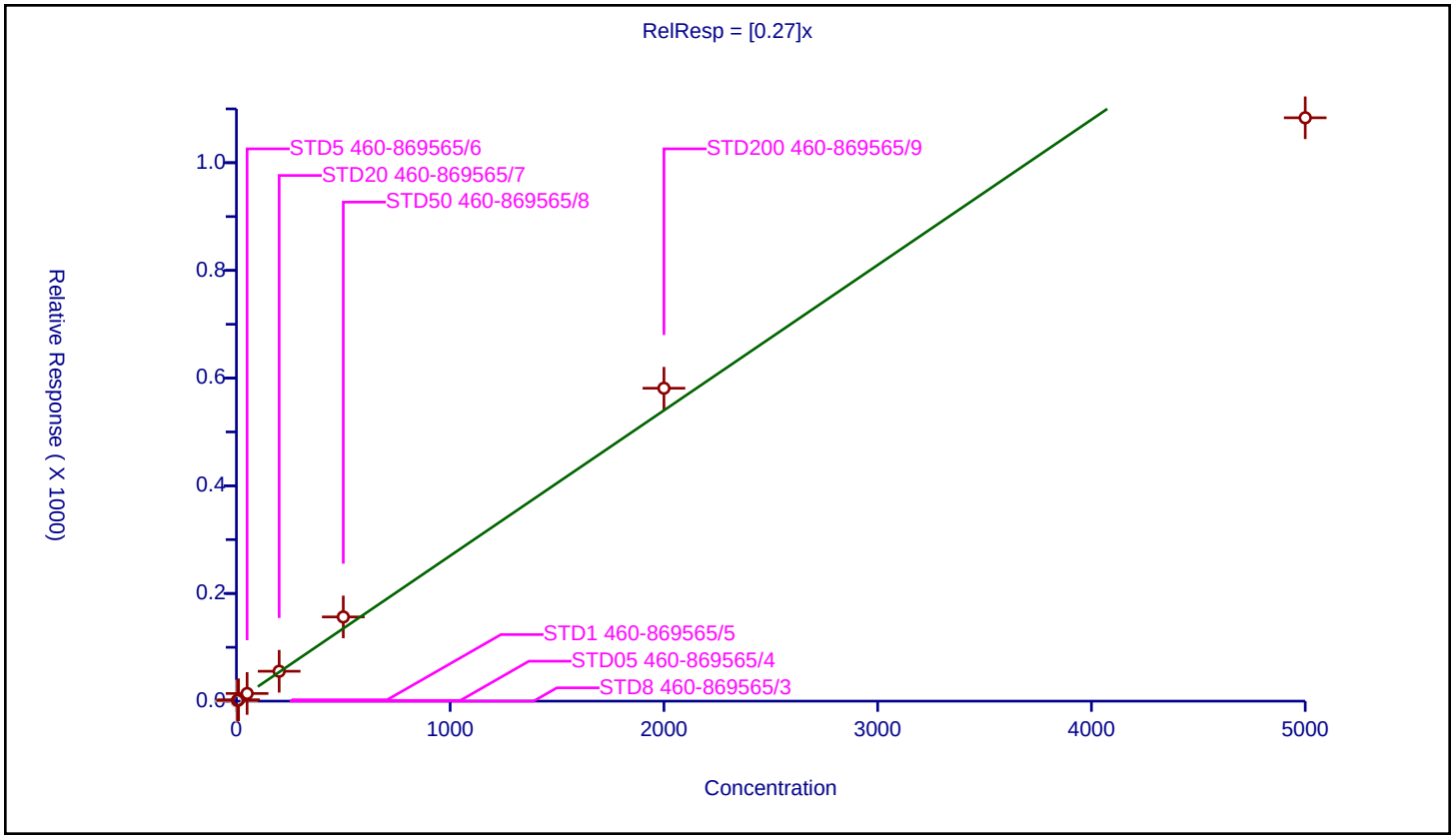
Curve Coefficients

Intercept:	0
Slope:	0.27

Error Coefficients

Standard Error:	10600000
Relative Standard Error:	11.6
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	5.0	1.288157	50.0	721845.0	0.257631	Y
3	STD1 460-869565/5	10.0	2.502896	50.0	736467.0	0.25029	Y
4	STD5 460-869565/6	50.0	14.224232	50.0	753415.0	0.284485	Y
5	STD20 460-869565/7	200.0	55.509577	50.0	836380.0	0.277548	Y
6	STD50 460-869565/8	500.0	156.406648	50.0	828171.0	0.312813	Y
7	STD200 460-869565/9	2000.0	581.180553	50.0	995271.0	0.29059	Y
8	STD500 460-869565/10	5000.0	1083.457142	50.0	1067240.0	0.216691	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

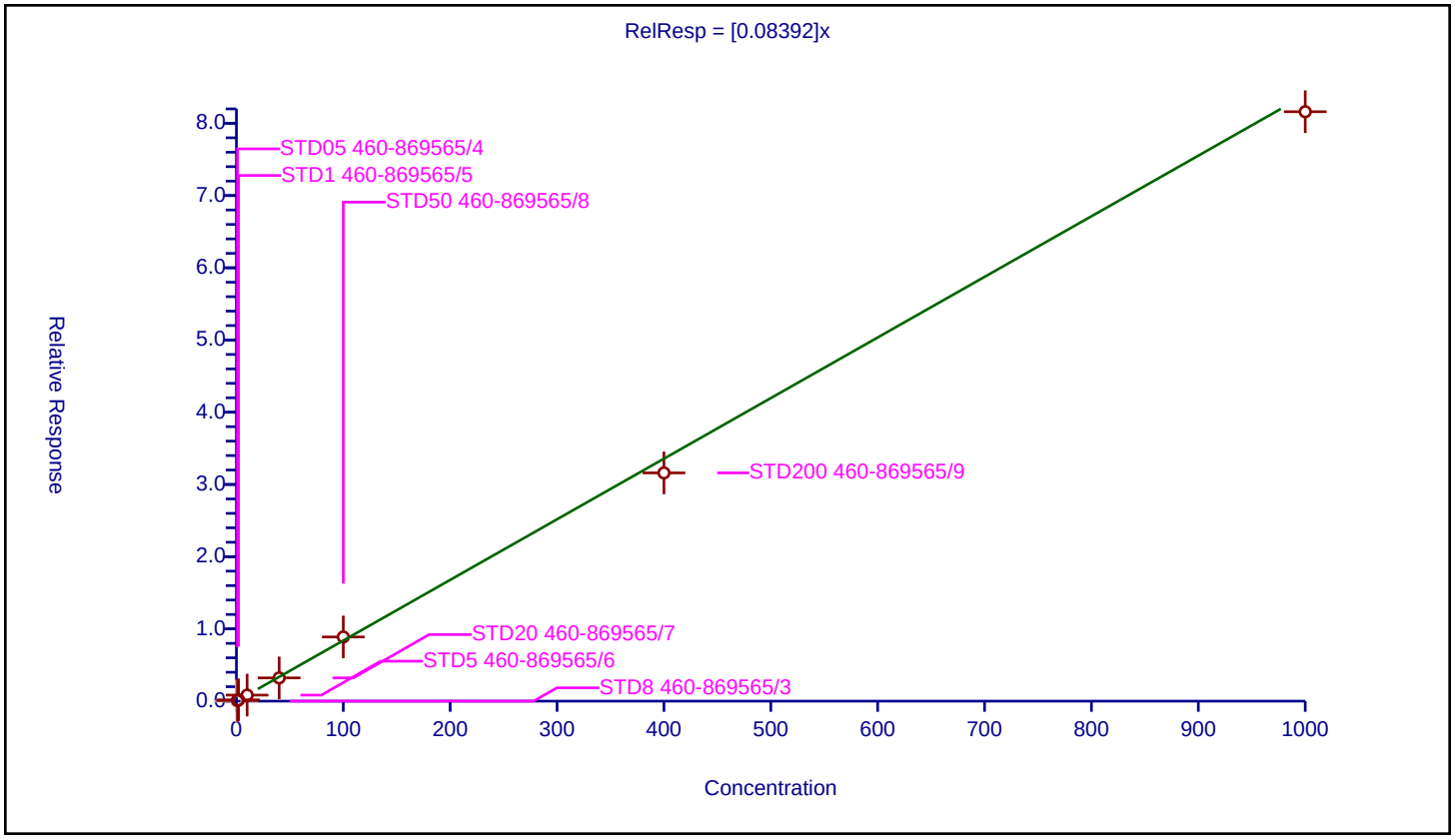
Curve Coefficients

Intercept:	0
Slope:	0.08392

Error Coefficients

Standard Error:	759000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	1.0	0.086376	50.0	721845.0	0.086376	Y
3	STD1 460-869565/5	2.0	0.175296	50.0	736467.0	0.087648	Y
4	STD5 460-869565/6	10.0	0.835197	50.0	753415.0	0.08352	Y
5	STD20 460-869565/7	40.0	3.21654	50.0	836380.0	0.080414	Y
6	STD50 460-869565/8	100.0	8.885484	50.0	828171.0	0.088855	Y
7	STD200 460-869565/9	400.0	31.601895	50.0	995271.0	0.079005	Y
8	STD500 460-869565/10	1000.0	81.609947	50.0	1067240.0	0.08161	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

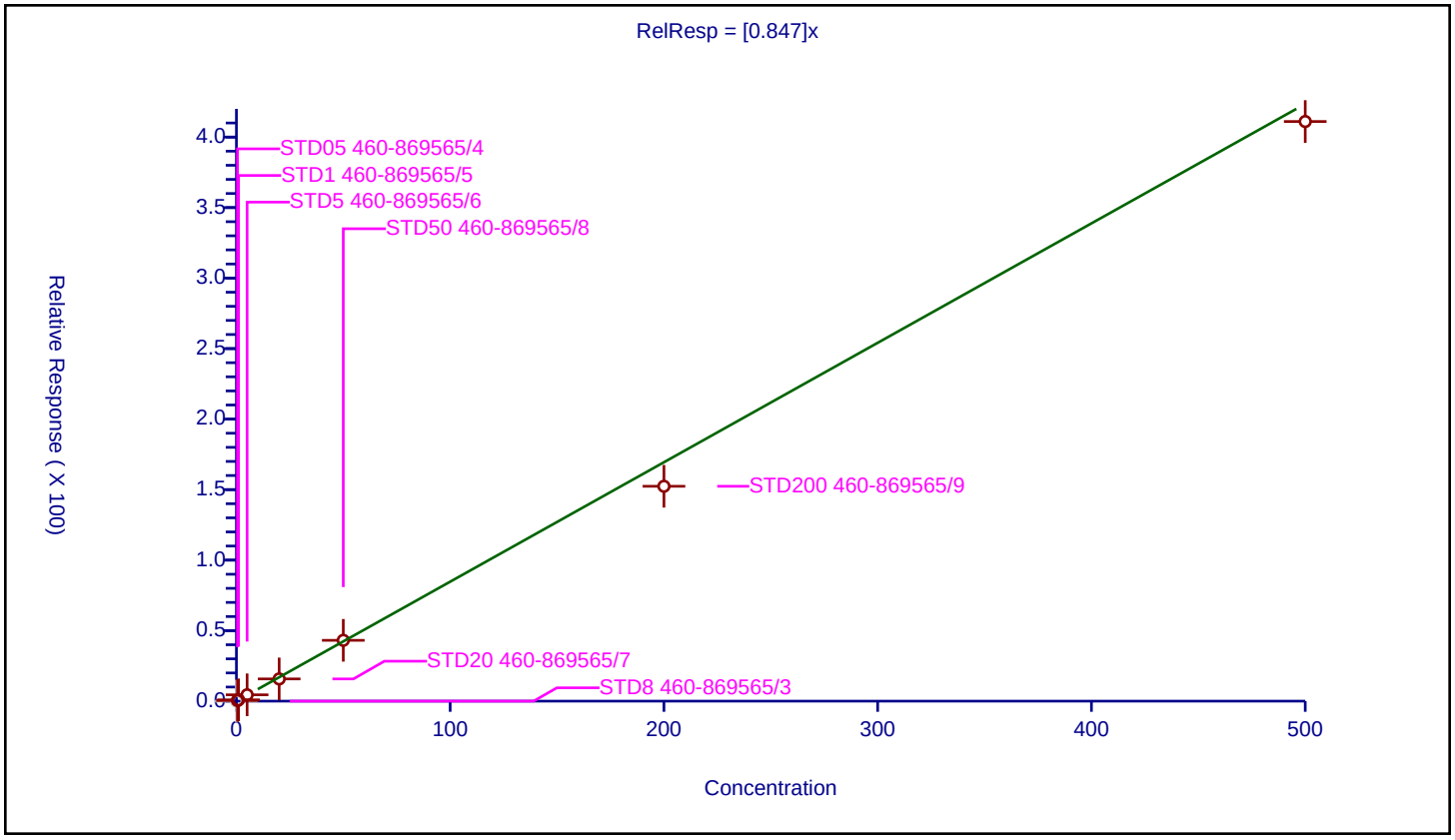
Curve Coefficients

Intercept:	0
Slope:	0.847

Error Coefficients

Standard Error:	3800000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.440399	50.0	721845.0	0.880799	Y
3	STD1 460-869565/5	1.0	0.91681	50.0	736467.0	0.91681	Y
4	STD5 460-869565/6	5.0	4.484248	50.0	753415.0	0.89685	Y
5	STD20 460-869565/7	20.0	15.761257	50.0	836380.0	0.788063	Y
6	STD50 460-869565/8	50.0	43.135415	50.0	828171.0	0.862708	Y
7	STD200 460-869565/9	200.0	152.377945	50.0	995271.0	0.76189	Y
8	STD500 460-869565/10	500.0	411.039972	50.0	1067240.0	0.82208	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

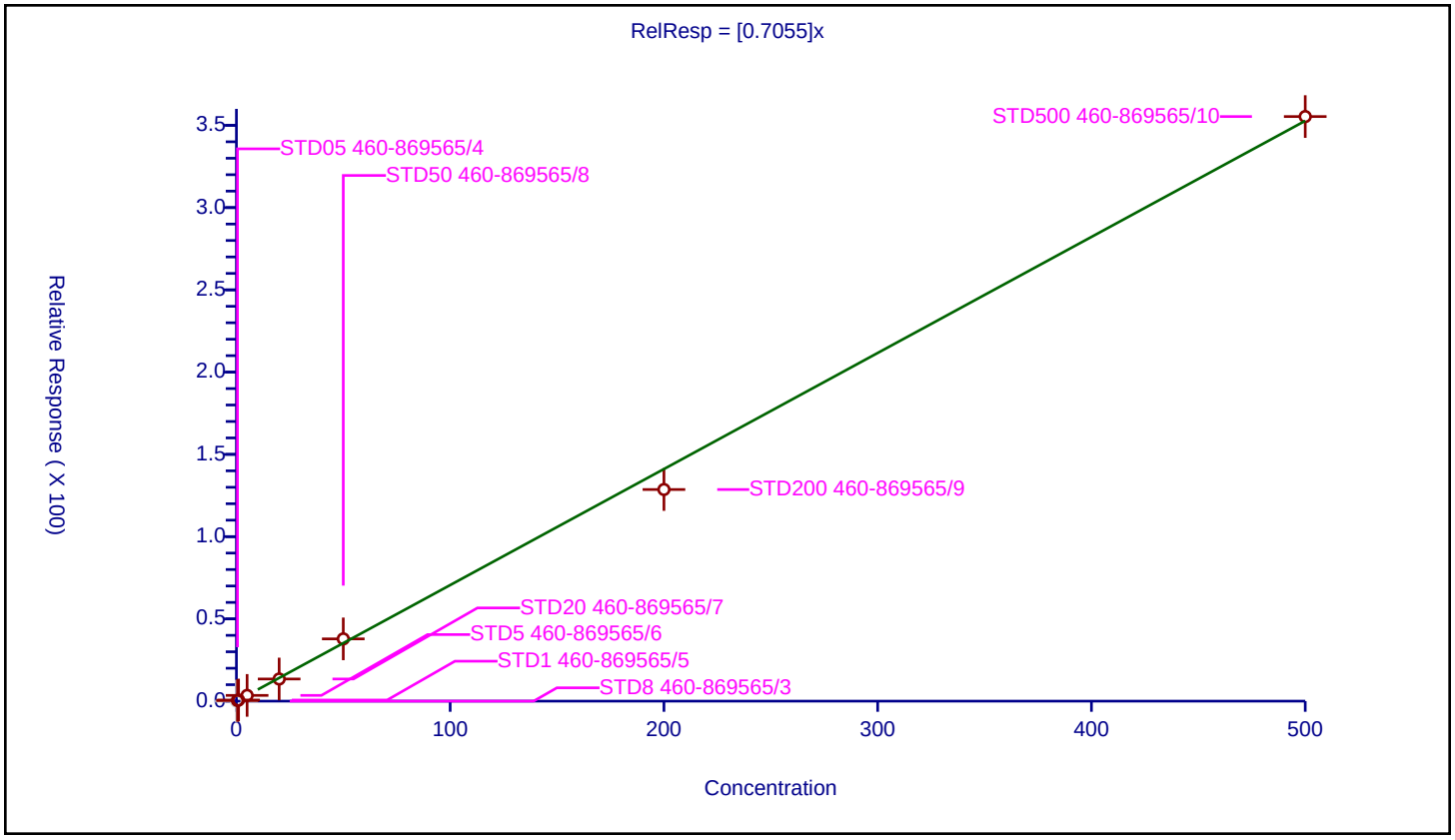
Curve Coefficients

Intercept:	0
Slope:	0.7055

Error Coefficients

Standard Error:	3280000
Relative Standard Error:	7.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.391289	50.0	721845.0	0.782578	Y
3	STD1 460-869565/5	1.0	0.675522	50.0	736467.0	0.675522	Y
4	STD5 460-869565/6	5.0	3.48168	50.0	753415.0	0.696336	Y
5	STD20 460-869565/7	20.0	13.46003	50.0	836380.0	0.673002	Y
6	STD50 460-869565/8	50.0	37.847437	50.0	828171.0	0.756949	Y
7	STD200 460-869565/9	200.0	128.628233	50.0	995271.0	0.643141	Y
8	STD500 460-869565/10	500.0	355.333102	50.0	1067240.0	0.710666	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

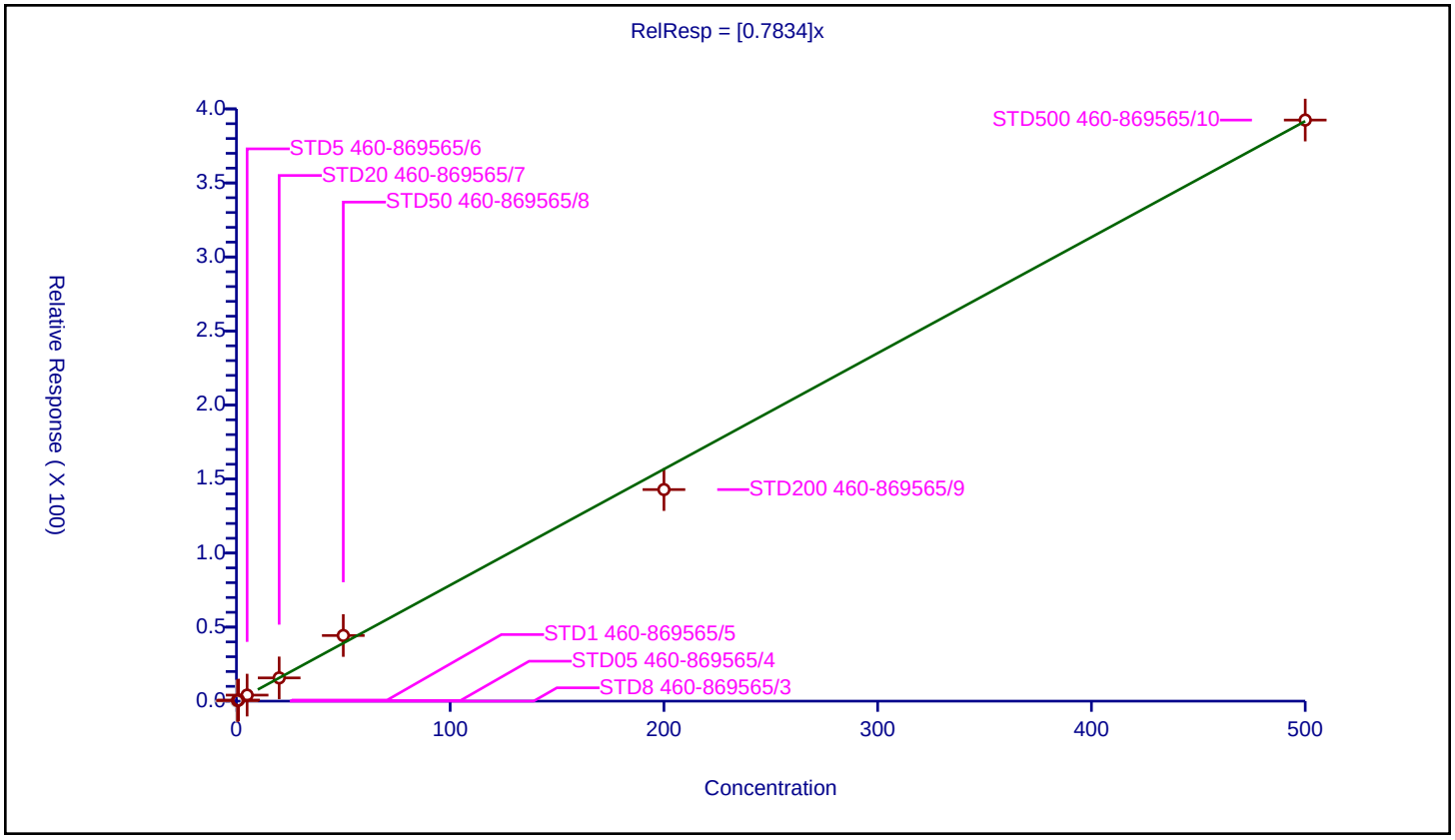
Curve Coefficients

Intercept:	0
Slope:	0.7834

Error Coefficients

Standard Error:	3630000
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 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.382977	50.0	721845.0	0.765954	Y
3	STD1 460-869565/5	1.0	0.730718	50.0	736467.0	0.730718	Y
4	STD5 460-869565/6	5.0	4.081615	50.0	753415.0	0.816323	Y
5	STD20 460-869565/7	20.0	15.697649	50.0	836380.0	0.784882	Y
6	STD50 460-869565/8	50.0	44.329372	50.0	828171.0	0.886587	Y
7	STD200 460-869565/9	200.0	142.891936	50.0	995271.0	0.71446	Y
8	STD500 460-869565/10	500.0	392.46833	50.0	1067240.0	0.784937	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

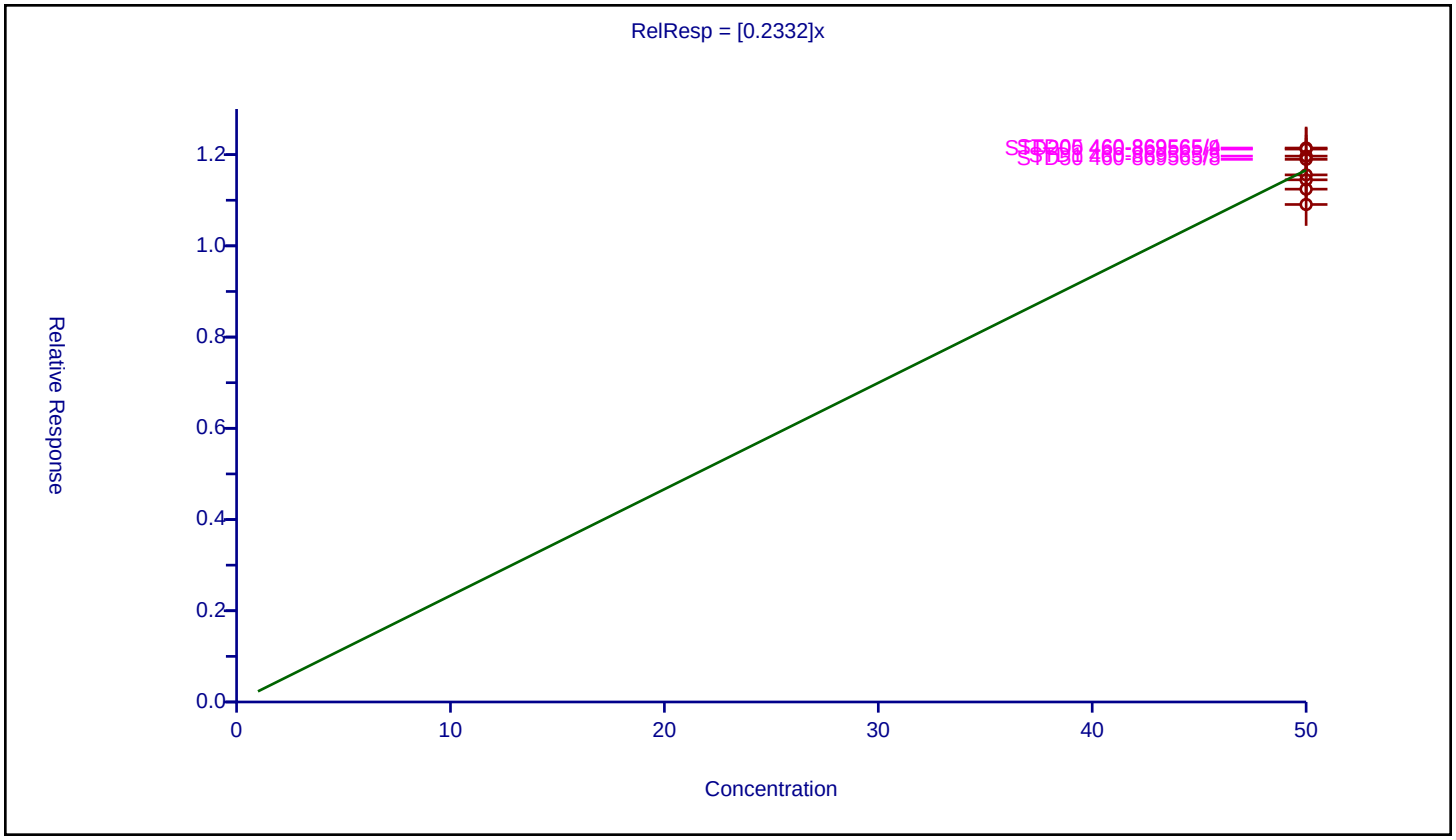
Curve Coefficients

Intercept:	0
Slope:	0.2332

Error Coefficients

Standard Error:	212000
Relative Standard Error:	3.8
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	50.0	11.556096	50.0	801538.0	0.231122	Y
2	STD05 460-869565/4	50.0	12.144643	50.0	721845.0	0.242893	Y
3	STD1 460-869565/5	50.0	11.967135	50.0	736467.0	0.239343	Y
4	STD5 460-869565/6	50.0	11.448073	50.0	753415.0	0.228961	Y
5	STD20 460-869565/7	50.0	10.906884	50.0	836380.0	0.218138	Y
6	STD50 460-869565/8	50.0	11.896456	50.0	828171.0	0.237929	Y
7	STD200 460-869565/9	50.0	12.121523	50.0	995271.0	0.24243	Y
8	STD500 460-869565/10	50.0	11.2433	50.0	1067240.0	0.224866	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

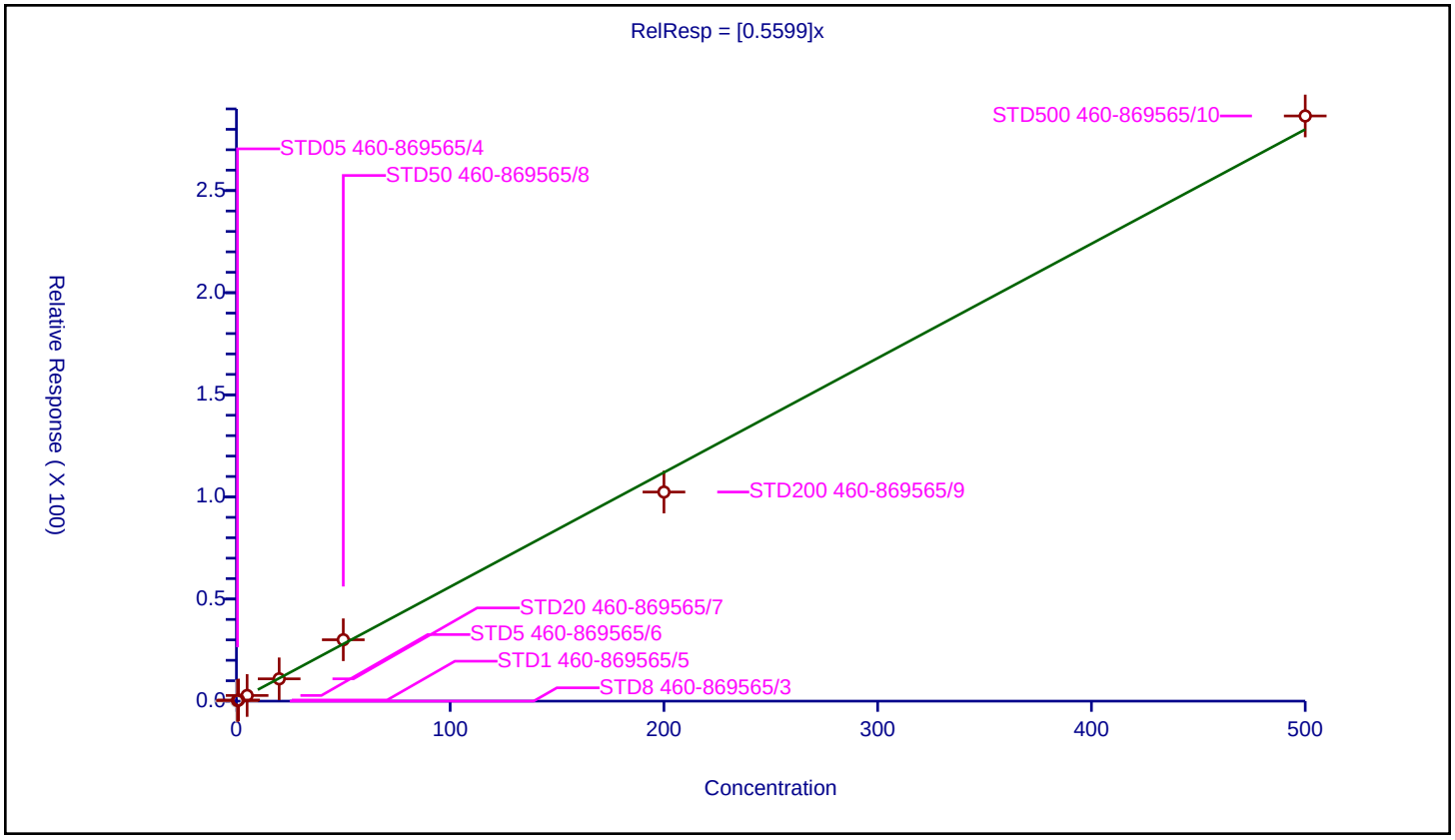
Curve Coefficients

Intercept:	0
Slope:	0.5599

Error Coefficients

Standard Error:	2640000
Relative Standard Error:	4.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.286834	50.0	721845.0	0.573669	Y
3	STD1 460-869565/5	1.0	0.559496	50.0	736467.0	0.559496	Y
4	STD5 460-869565/6	5.0	2.768925	50.0	753415.0	0.553785	Y
5	STD20 460-869565/7	20.0	10.925596	50.0	836380.0	0.54628	Y
6	STD50 460-869565/8	50.0	30.050376	50.0	828171.0	0.601008	Y
7	STD200 460-869565/9	200.0	102.400351	50.0	995271.0	0.512002	Y
8	STD500 460-869565/10	500.0	286.549464	50.0	1067240.0	0.573099	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

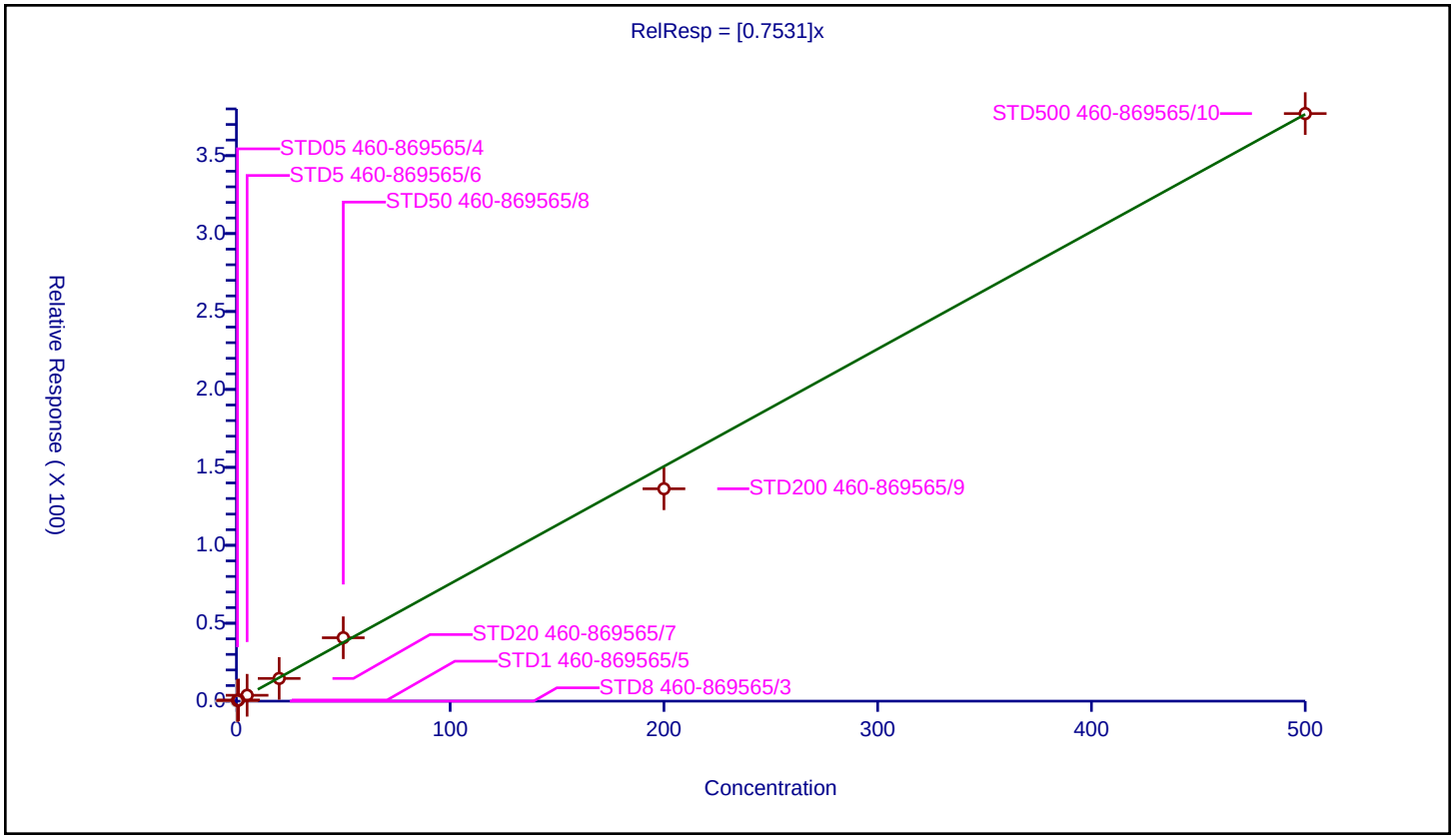
Curve Coefficients

Intercept:	0
Slope:	0.7531

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.397731	50.0	721845.0	0.795462	Y
3	STD1 460-869565/5	1.0	0.744093	50.0	736467.0	0.744093	Y
4	STD5 460-869565/6	5.0	3.772489	50.0	753415.0	0.754498	Y
5	STD20 460-869565/7	20.0	14.576867	50.0	836380.0	0.728843	Y
6	STD50 460-869565/8	50.0	40.687672	50.0	828171.0	0.813753	Y
7	STD200 460-869565/9	200.0	136.260878	50.0	995271.0	0.681304	Y
8	STD500 460-869565/10	500.0	376.995896	50.0	1067240.0	0.753992	Y



Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

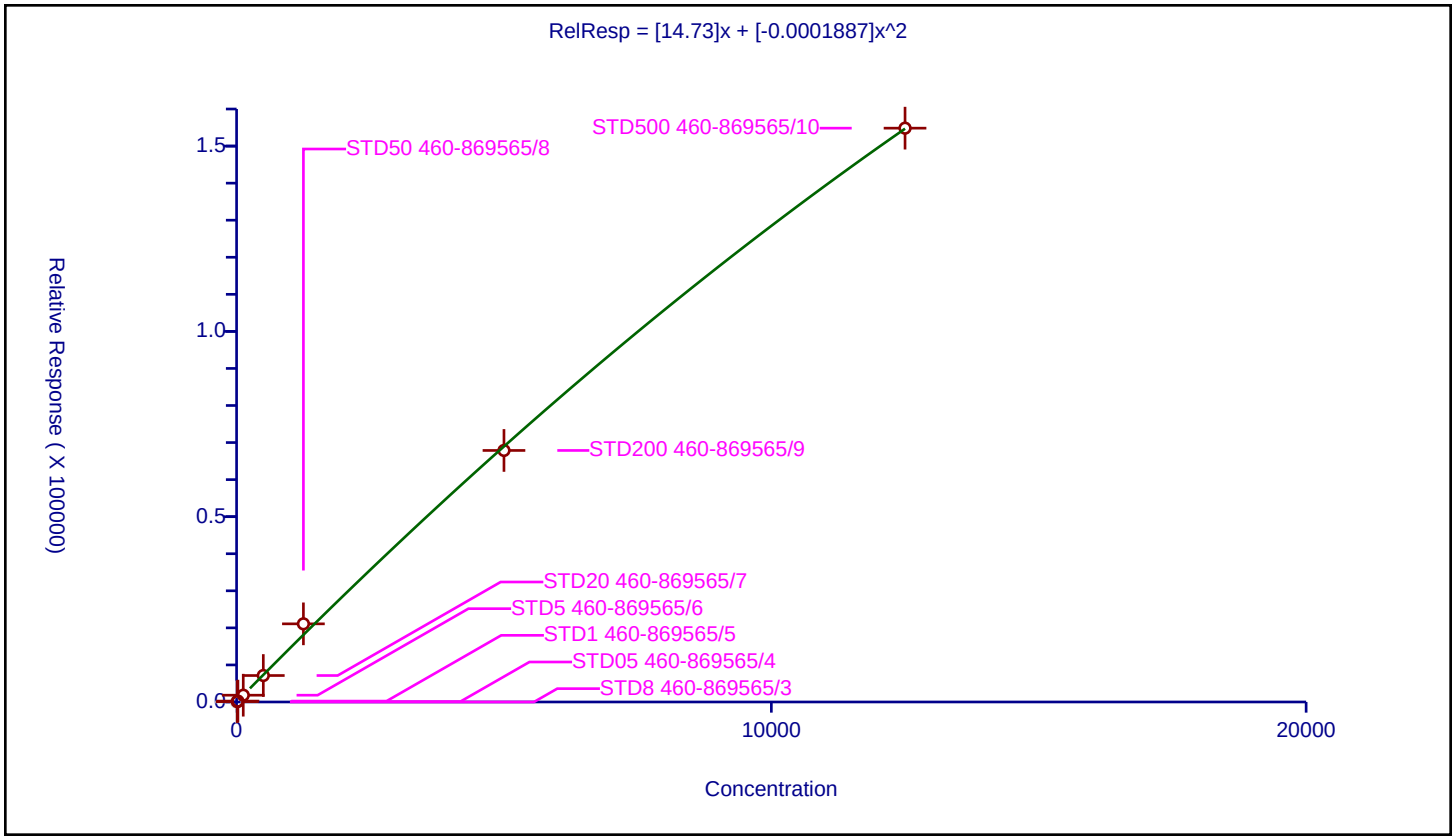
Curve Coefficients

Intercept:	0
Slope:	14.73
Second Order:	-0.0001887

Error Coefficients

Standard Error:	6400000
Relative Standard Error:	27.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	1000.0	57336.0	NaN	N
2	STD05 460-869565/4	12.5	95.022133	1000.0	46084.0	7.601771	Y
3	STD1 460-869565/5	25.0	244.40215	1000.0	44660.0	9.776086	Y
4	STD5 460-869565/6	125.0	1834.270791	1000.0	44802.0	14.674166	Y
5	STD20 460-869565/7	500.0	7141.849422	1000.0	50751.0	14.283699	Y
6	STD50 460-869565/8	1250.0	21083.787338	1000.0	53230.0	16.86703	Y
7	STD200 460-869565/9	5000.0	67870.911028	1000.0	75080.0	13.574182	Y
8	STD500 460-869565/10	12500.0	154836.162988	1000.0	87172.0	12.386893	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

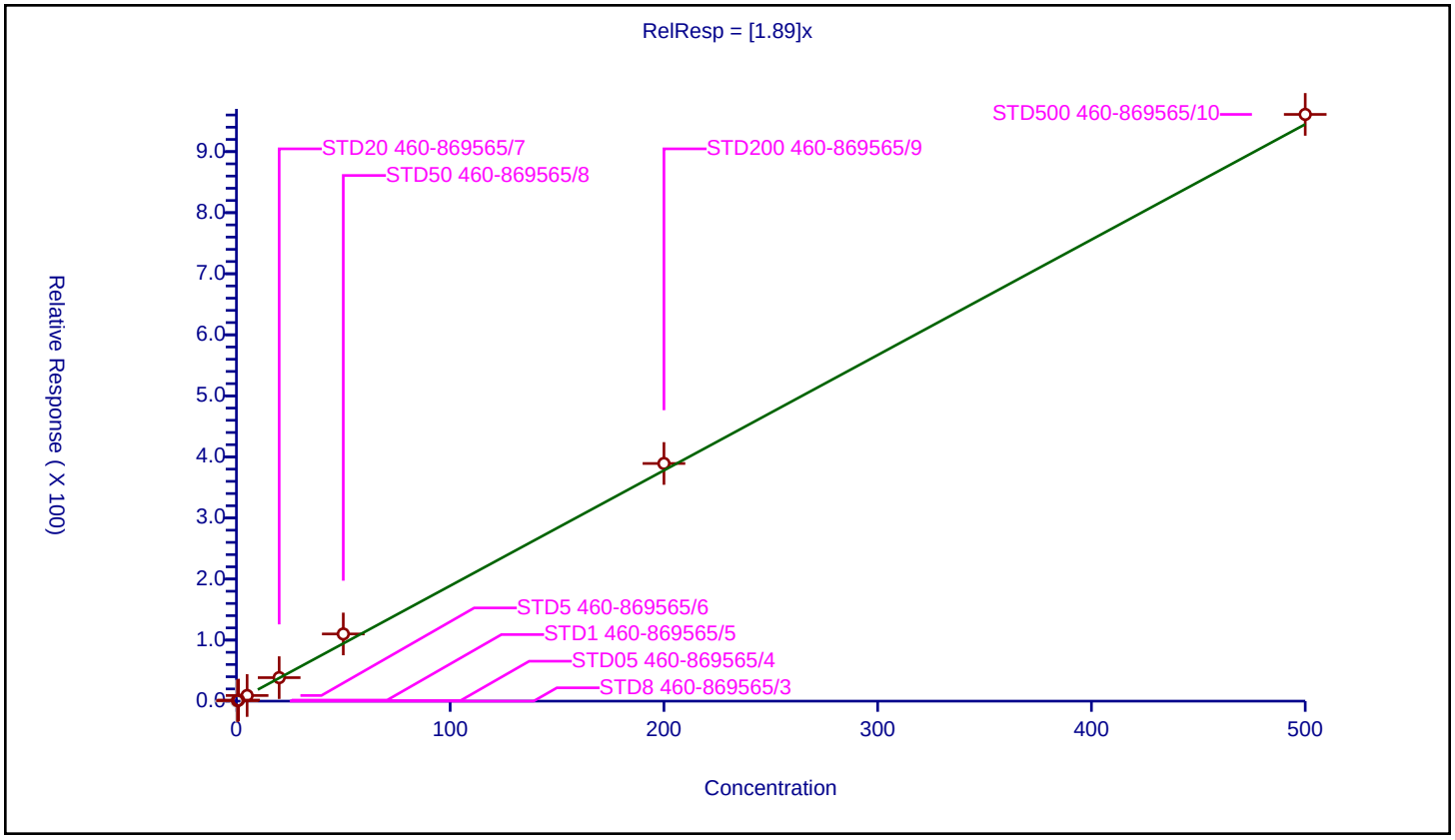
Curve Coefficients

Intercept:	0
Slope:	1.89

Error Coefficients

Standard Error:	8990000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.827324	50.0	721845.0	1.654649	Y
3	STD1 460-869565/5	1.0	1.736873	50.0	736467.0	1.736873	Y
4	STD5 460-869565/6	5.0	9.209002	50.0	753415.0	1.8418	Y
5	STD20 460-869565/7	20.0	38.500741	50.0	836380.0	1.925037	Y
6	STD50 460-869565/8	50.0	110.015142	50.0	828171.0	2.200303	Y
7	STD200 460-869565/9	200.0	389.249712	50.0	995271.0	1.946249	Y
8	STD500 460-869565/10	500.0	960.951332	50.0	1067240.0	1.921903	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

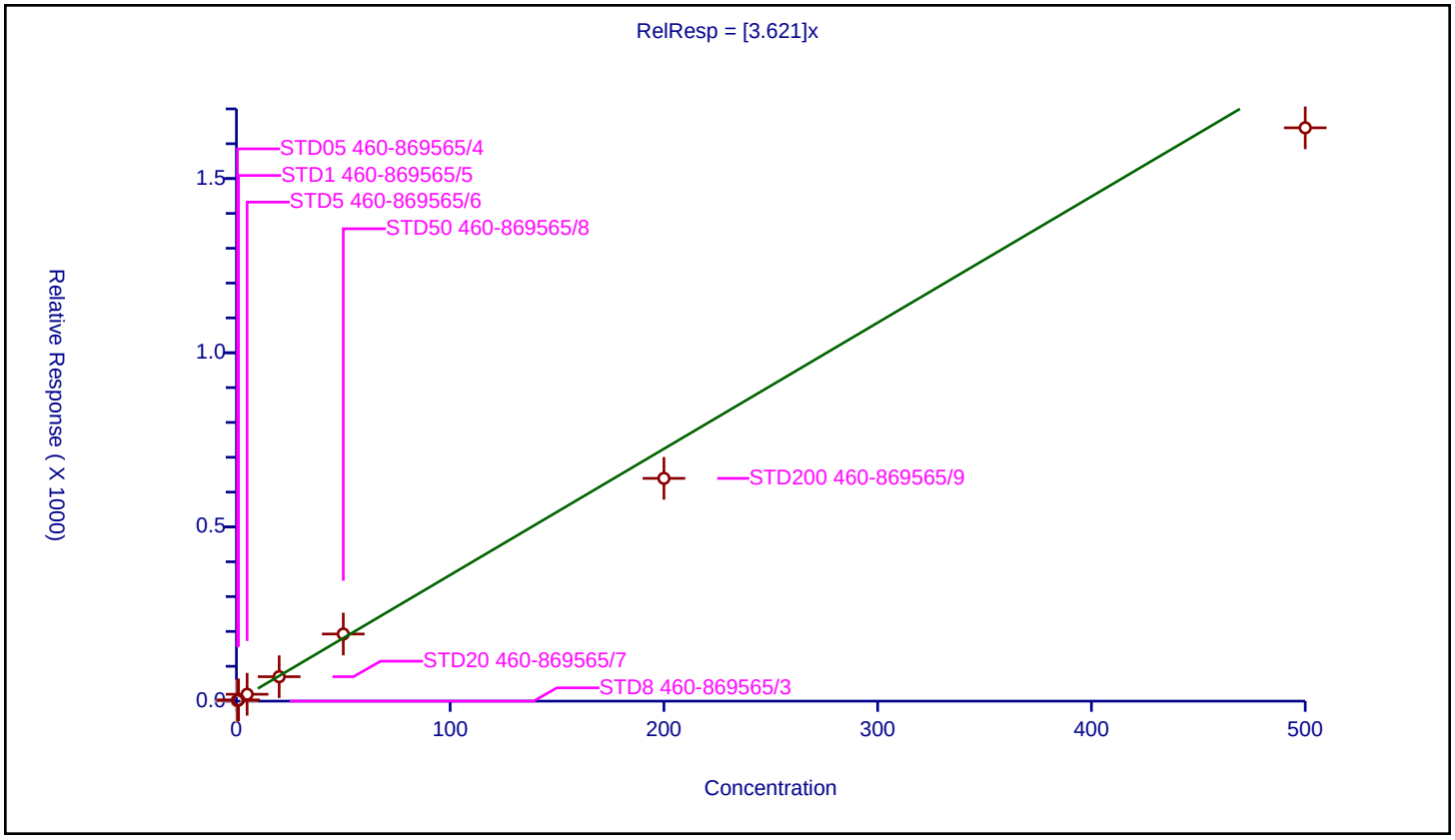
Curve Coefficients

Intercept:	0
Slope:	3.621

Error Coefficients

Standard Error:	8860000
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 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	1.927498	50.0	430584.0	3.854997	Y
3	STD1 460-869565/5	1.0	3.687872	50.0	437705.0	3.687872	Y
4	STD5 460-869565/6	5.0	19.769123	50.0	441924.0	3.953825	Y
5	STD20 460-869565/7	20.0	70.17732	50.0	498421.0	3.508866	Y
6	STD50 460-869565/8	50.0	192.674393	50.0	493611.0	3.853488	Y
7	STD200 460-869565/9	200.0	639.489726	50.0	618609.0	3.197449	Y
8	STD500 460-869565/10	500.0	1645.65775	50.0	610916.0	3.291316	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

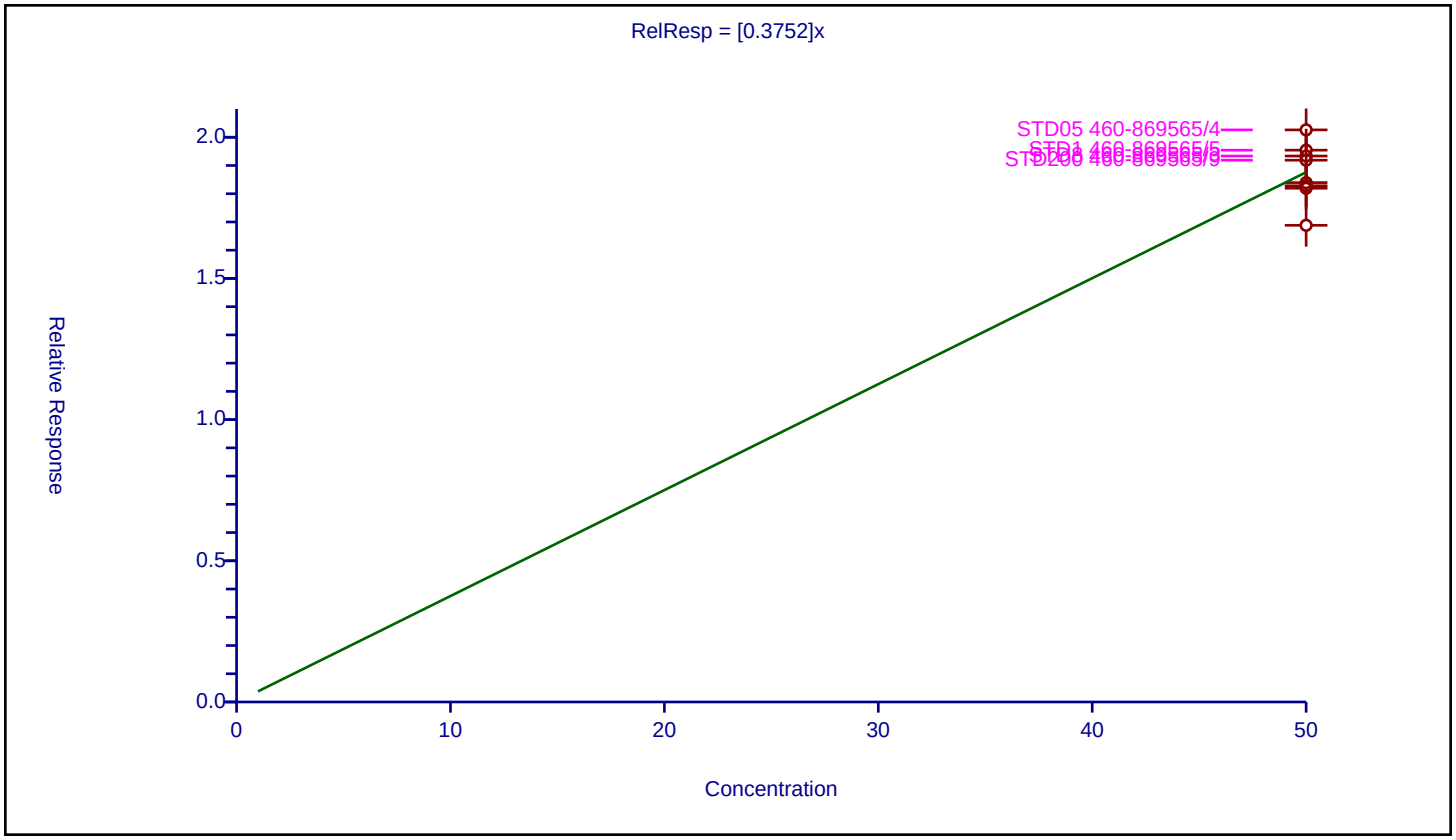
Curve Coefficients

Intercept:	0
Slope:	0.3752

Error Coefficients

Standard Error:	340000
Relative Standard Error:	5.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	50.0	19.334579	50.0	801538.0	0.386692	Y
2	STD05 460-869565/4	50.0	20.260652	50.0	721845.0	0.405213	Y
3	STD1 460-869565/5	50.0	19.542423	50.0	736467.0	0.390848	Y
4	STD5 460-869565/6	50.0	18.282952	50.0	753415.0	0.365659	Y
5	STD20 460-869565/7	50.0	16.881621	50.0	836380.0	0.337632	Y
6	STD50 460-869565/8	50.0	18.393001	50.0	828171.0	0.36786	Y
7	STD200 460-869565/9	50.0	19.187789	50.0	995271.0	0.383756	Y
8	STD500 460-869565/10	50.0	18.193705	50.0	1067240.0	0.363874	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

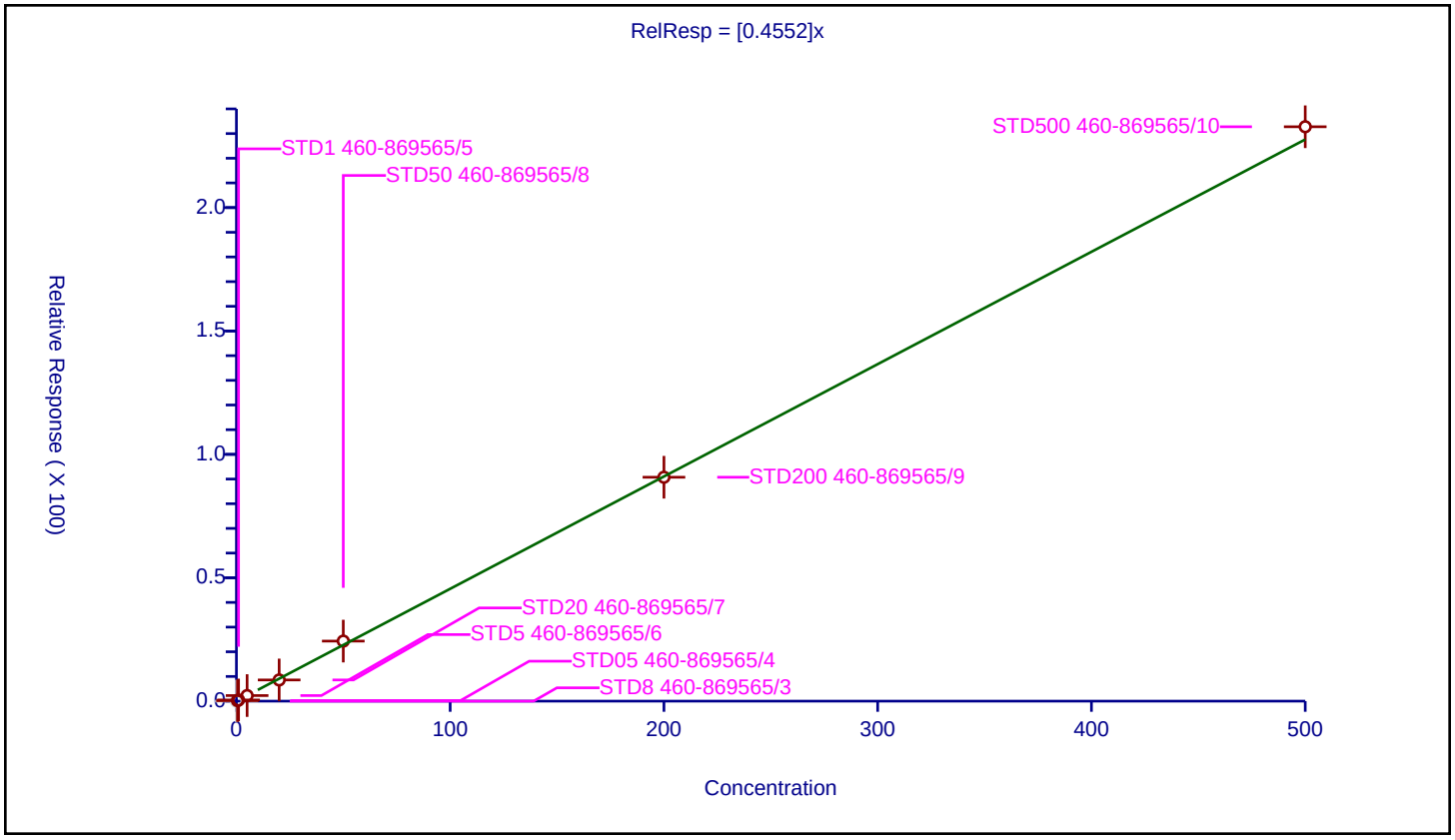
Curve Coefficients

Intercept:	0
Slope:	0.4552

Error Coefficients

Standard Error:	2170000
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	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.215559	50.0	721845.0	0.431117	Y
3	STD1 460-869565/5	1.0	0.468453	50.0	736467.0	0.468453	Y
4	STD5 460-869565/6	5.0	2.258383	50.0	753415.0	0.451677	Y
5	STD20 460-869565/7	20.0	8.586348	50.0	836380.0	0.429317	Y
6	STD50 460-869565/8	50.0	24.333441	50.0	828171.0	0.486669	Y
7	STD200 460-869565/9	200.0	90.73579	50.0	995271.0	0.453679	Y
8	STD500 460-869565/10	500.0	232.758236	50.0	1067240.0	0.465516	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

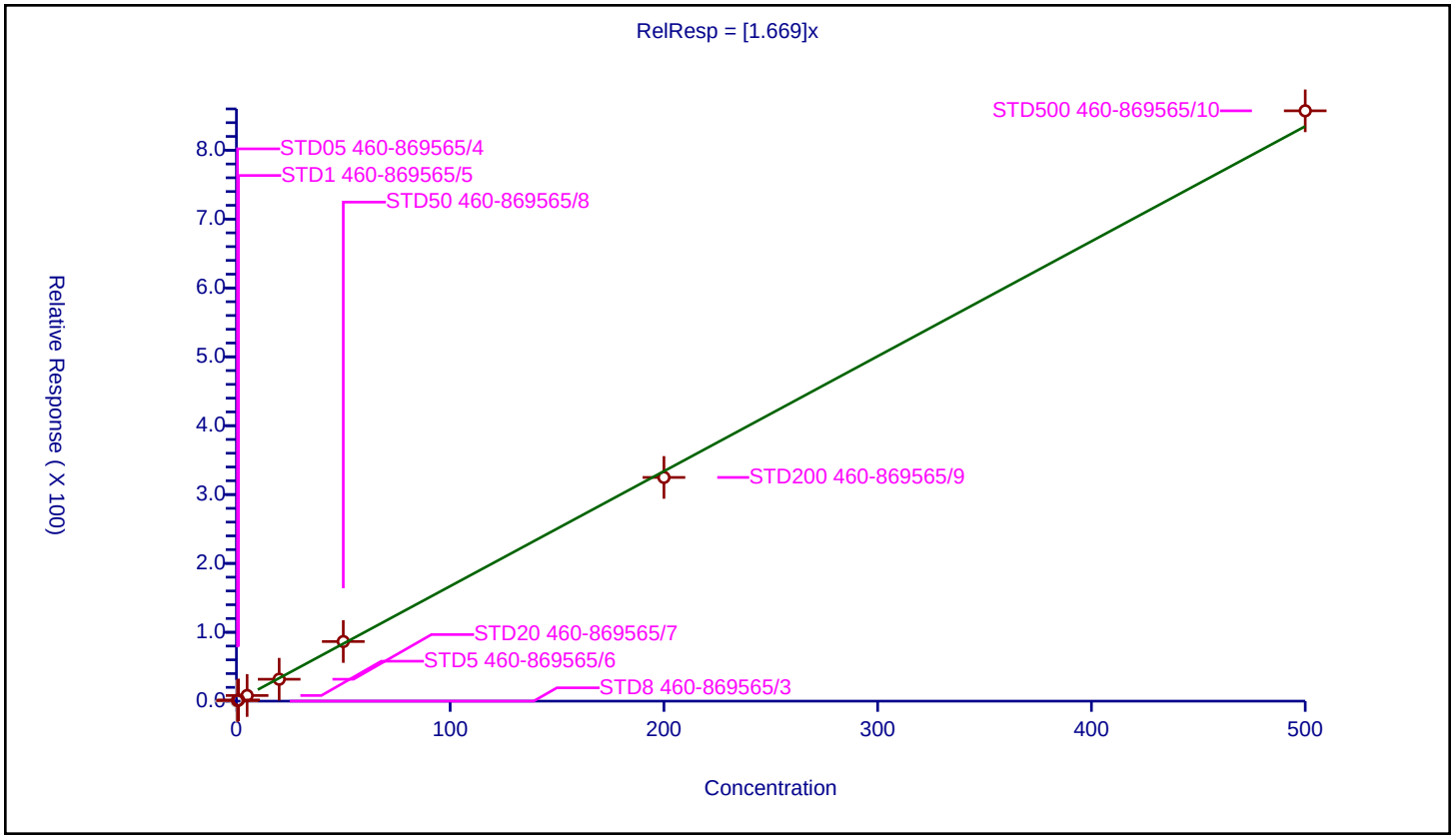
Curve Coefficients

Intercept:	0
Slope:	1.669

Error Coefficients

Standard Error:	7950000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.835152	50.0	721845.0	1.670303	Y
3	STD1 460-869565/5	1.0	1.720308	50.0	736467.0	1.720308	Y
4	STD5 460-869565/6	5.0	8.178228	50.0	753415.0	1.635646	Y
5	STD20 460-869565/7	20.0	31.792845	50.0	836380.0	1.589642	Y
6	STD50 460-869565/8	50.0	86.561652	50.0	828171.0	1.731233	Y
7	STD200 460-869565/9	200.0	324.839566	50.0	995271.0	1.624198	Y
8	STD500 460-869565/10	500.0	857.202925	50.0	1067240.0	1.714406	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

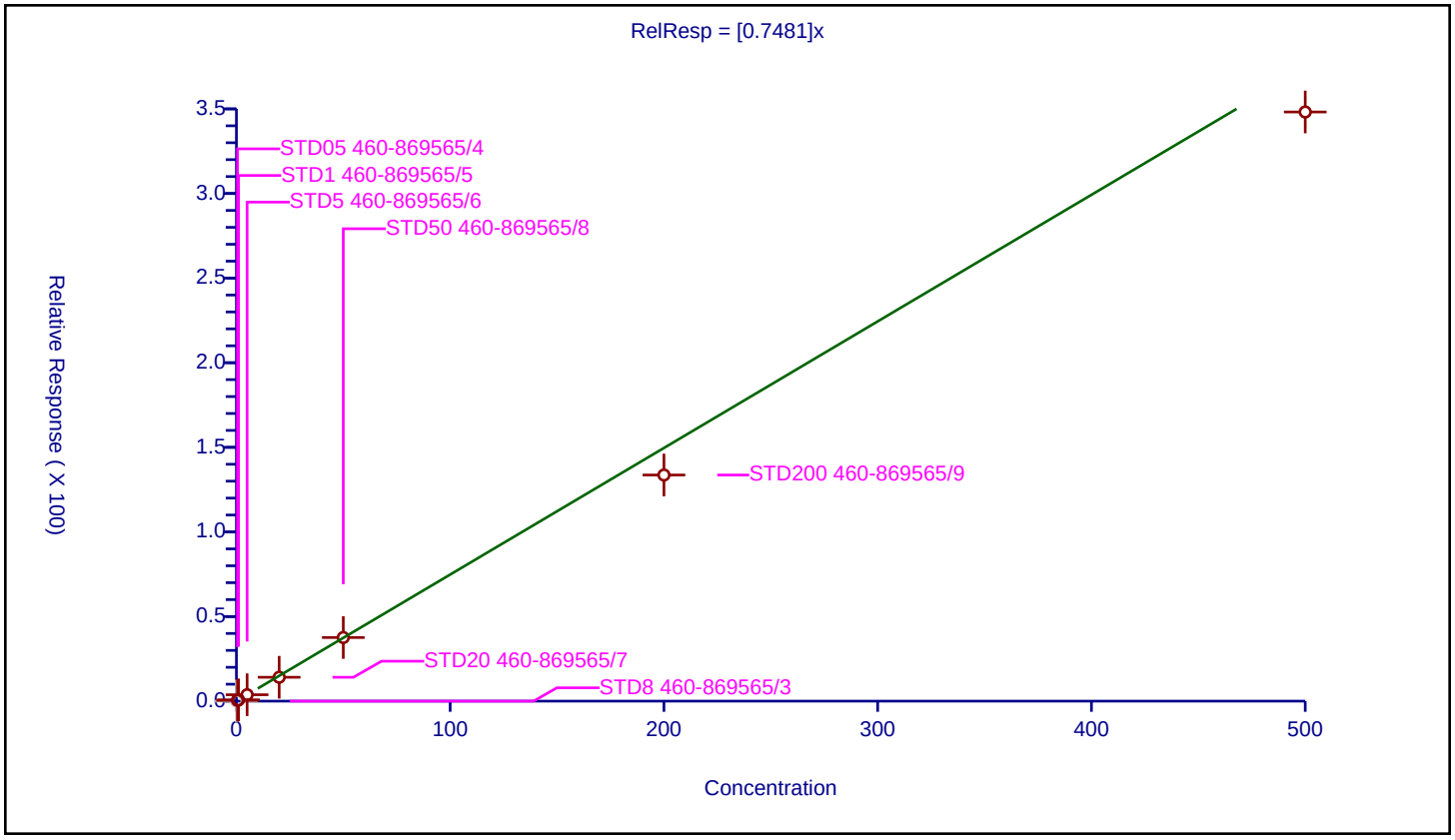
Curve Coefficients

Intercept:	0
Slope:	0.7481

Error Coefficients

Standard Error:	3230000
Relative Standard Error:	10.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.451551	50.0	721845.0	0.903102	Y
3	STD1 460-869565/5	1.0	0.753937	50.0	736467.0	0.753937	Y
4	STD5 460-869565/6	5.0	3.788881	50.0	753415.0	0.757776	Y
5	STD20 460-869565/7	20.0	14.105251	50.0	836380.0	0.705263	Y
6	STD50 460-869565/8	50.0	37.589399	50.0	828171.0	0.751788	Y
7	STD200 460-869565/9	200.0	133.64345	50.0	995271.0	0.668217	Y
8	STD500 460-869565/10	500.0	348.181712	50.0	1067240.0	0.696363	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

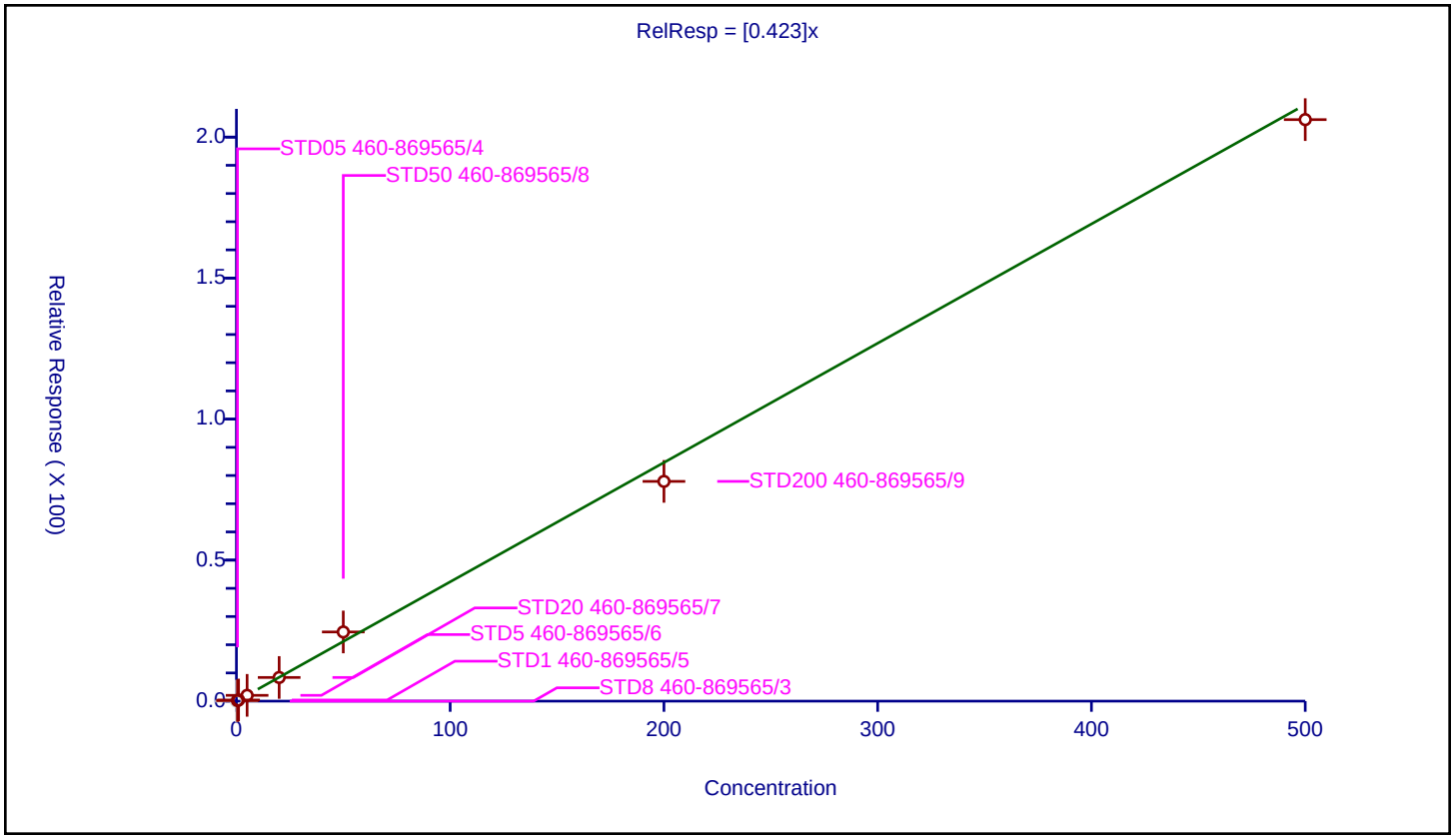
Curve Coefficients

Intercept:	0
Slope:	0.423

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.217083	50.0	721845.0	0.434165	Y
3	STD1 460-869565/5	1.0	0.404635	50.0	736467.0	0.404635	Y
4	STD5 460-869565/6	5.0	2.050132	50.0	753415.0	0.410026	Y
5	STD20 460-869565/7	20.0	8.391042	50.0	836380.0	0.419552	Y
6	STD50 460-869565/8	50.0	24.531166	50.0	828171.0	0.490623	Y
7	STD200 460-869565/9	200.0	77.914809	50.0	995271.0	0.389574	Y
8	STD500 460-869565/10	500.0	206.189939	50.0	1067240.0	0.41238	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

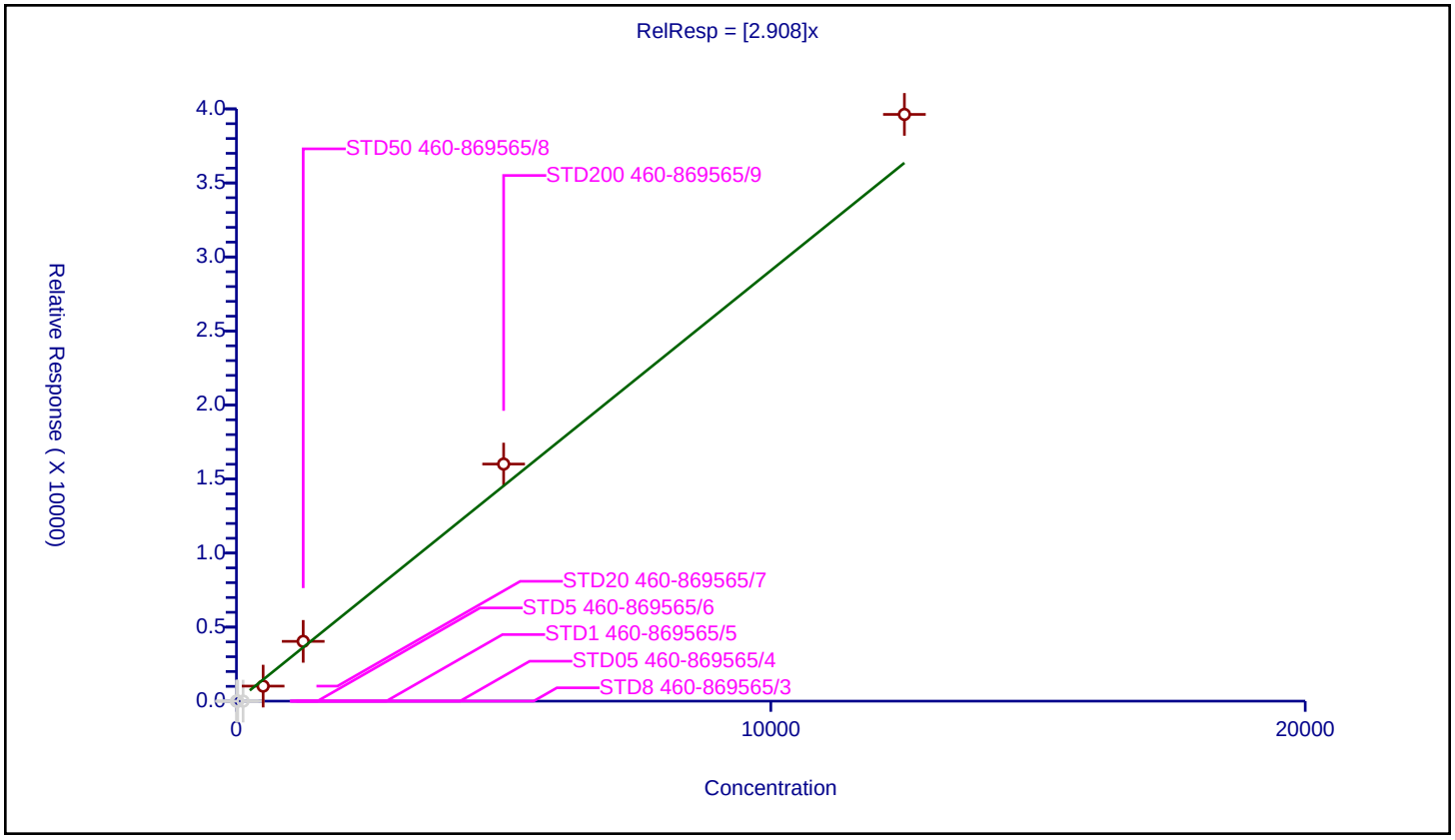
Curve Coefficients

Intercept:	0
Slope:	2.908

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	20.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	1000.0	57336.0	NaN	N
2	STD05 460-869565/4	12.5	0.0	1000.0	46084.0	0.0	N
3	STD1 460-869565/5	25.0	0.0	1000.0	44660.0	0.0	N
4	STD5 460-869565/6	125.0	0.0	1000.0	44802.0	0.0	N
5	STD20 460-869565/7	500.0	1015.053891	1000.0	50751.0	2.030108	Y
6	STD50 460-869565/8	1250.0	4037.460079	1000.0	53230.0	3.229968	Y
7	STD200 460-869565/9	5000.0	16013.012786	1000.0	75080.0	3.202603	Y
8	STD500 460-869565/10	12500.0	39628.38985	1000.0	87172.0	3.170271	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

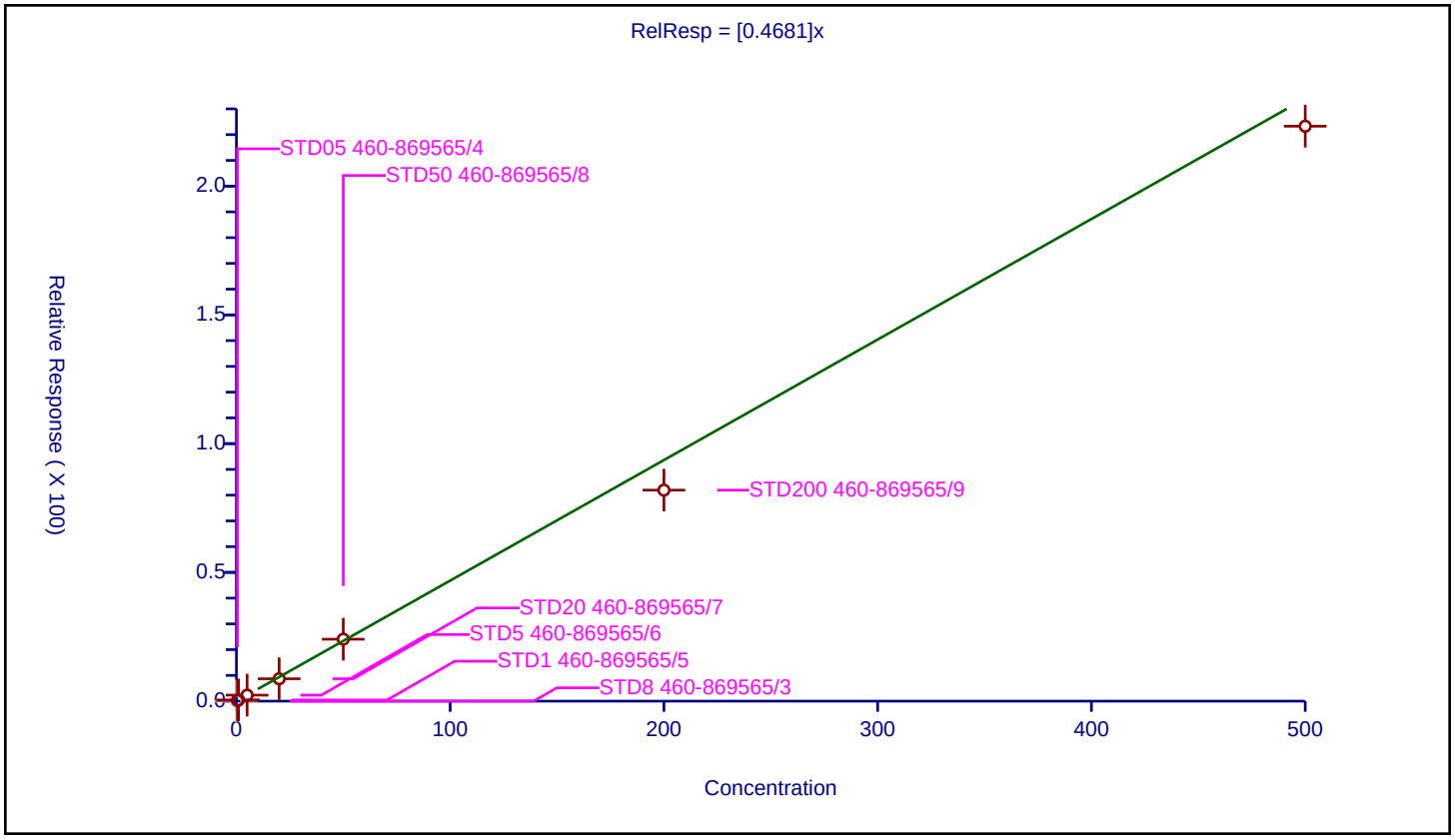
Curve Coefficients

Intercept:	0
Slope:	0.4681

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	11.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.289397	50.0	721845.0	0.578795	Y
3	STD1 460-869565/5	1.0	0.458337	50.0	736467.0	0.458337	Y
4	STD5 460-869565/6	5.0	2.336561	50.0	753415.0	0.467312	Y
5	STD20 460-869565/7	20.0	8.697362	50.0	836380.0	0.434868	Y
6	STD50 460-869565/8	50.0	24.056384	50.0	828171.0	0.481128	Y
7	STD200 460-869565/9	200.0	81.942154	50.0	995271.0	0.409711	Y
8	STD500 460-869565/10	500.0	223.262434	50.0	1067240.0	0.446525	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

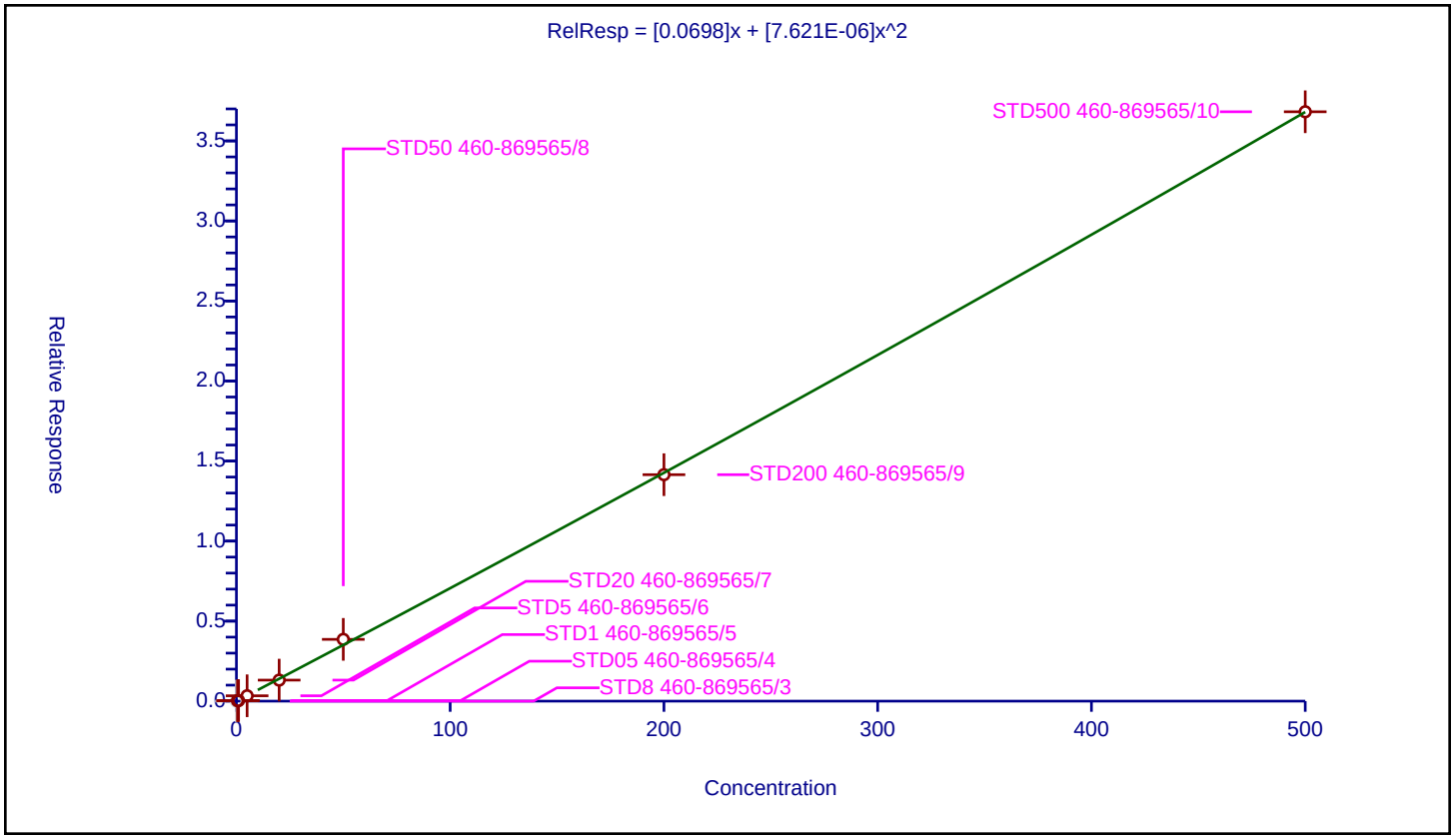
Curve Coefficients

Intercept:	0
Slope:	0.0698
Second Order:	7.621E-06

Error Coefficients

Standard Error:	375000
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 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.027291	50.0	721845.0	0.054582	Y
3	STD1 460-869565/5	1.0	0.034489	50.0	736467.0	0.034489	Y
4	STD5 460-869565/6	5.0	0.335207	50.0	753415.0	0.067041	Y
5	STD20 460-869565/7	20.0	1.313697	50.0	836380.0	0.065685	Y
6	STD50 460-869565/8	50.0	3.859891	50.0	828171.0	0.077198	Y
7	STD200 460-869565/9	200.0	14.147805	50.0	995271.0	0.070739	Y
8	STD500 460-869565/10	500.0	36.820584	50.0	1067240.0	0.073641	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

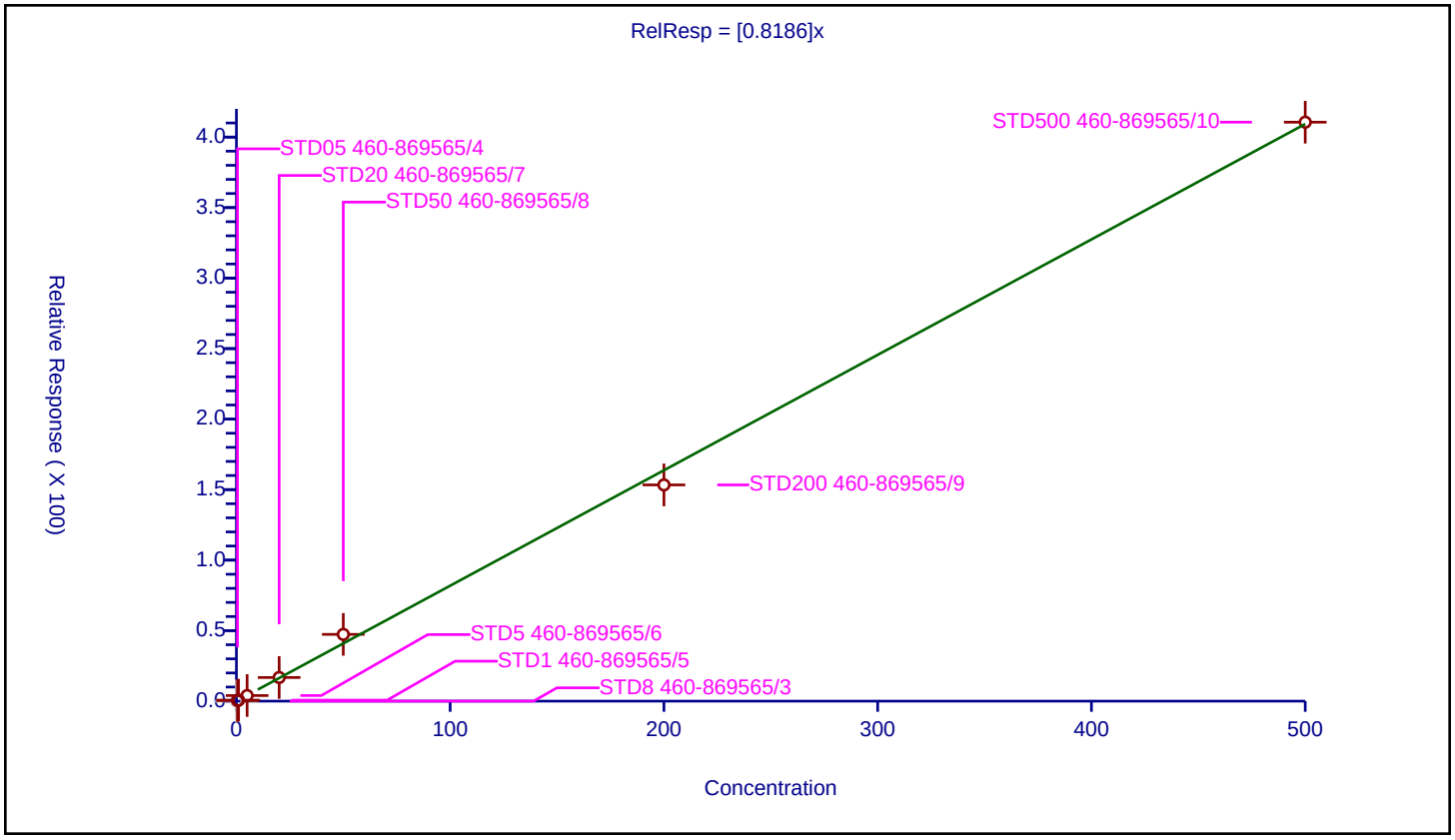
Curve Coefficients

Intercept:	0
Slope:	0.8186

Error Coefficients

Standard Error:	3800000
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 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.426892	50.0	721845.0	0.853784	Y
3	STD1 460-869565/5	1.0	0.709468	50.0	736467.0	0.709468	Y
4	STD5 460-869565/6	5.0	3.967999	50.0	753415.0	0.7936	Y
5	STD20 460-869565/7	20.0	16.764031	50.0	836380.0	0.838202	Y
6	STD50 460-869565/8	50.0	47.350426	50.0	828171.0	0.947009	Y
7	STD200 460-869565/9	200.0	153.349992	50.0	995271.0	0.76675	Y
8	STD500 460-869565/10	500.0	410.570209	50.0	1067240.0	0.82114	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

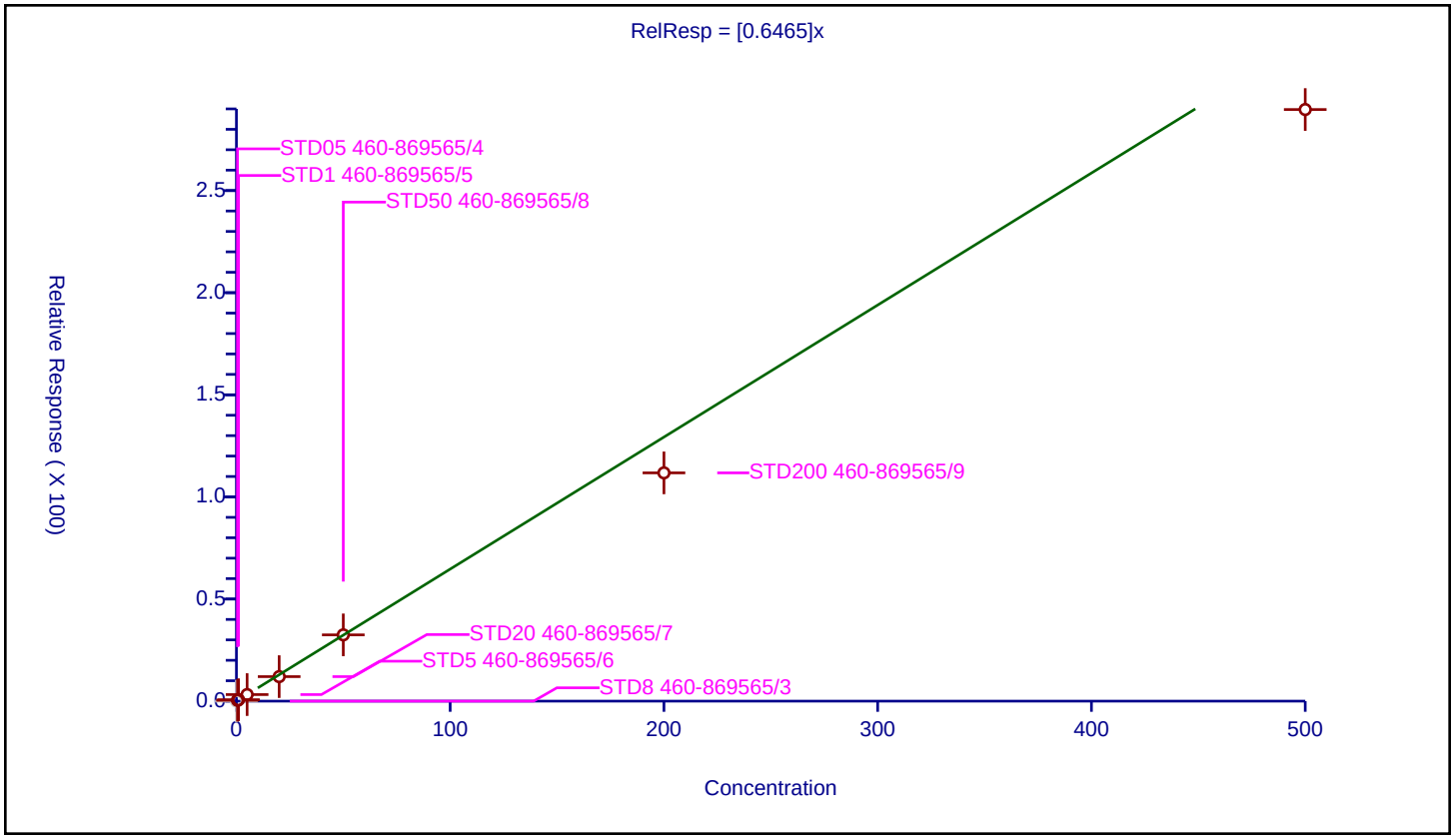
Curve Coefficients

Intercept:	0
Slope:	0.6465

Error Coefficients

Standard Error:	2690000
Relative Standard Error:	13.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.408121	50.0	721845.0	0.816242	Y
3	STD1 460-869565/5	1.0	0.678102	50.0	736467.0	0.678102	Y
4	STD5 460-869565/6	5.0	3.217682	50.0	753415.0	0.643536	Y
5	STD20 460-869565/7	20.0	12.003455	50.0	836380.0	0.600173	Y
6	STD50 460-869565/8	50.0	32.452114	50.0	828171.0	0.649042	Y
7	STD200 460-869565/9	200.0	111.776742	50.0	995271.0	0.558884	Y
8	STD500 460-869565/10	500.0	289.686294	50.0	1067240.0	0.579373	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

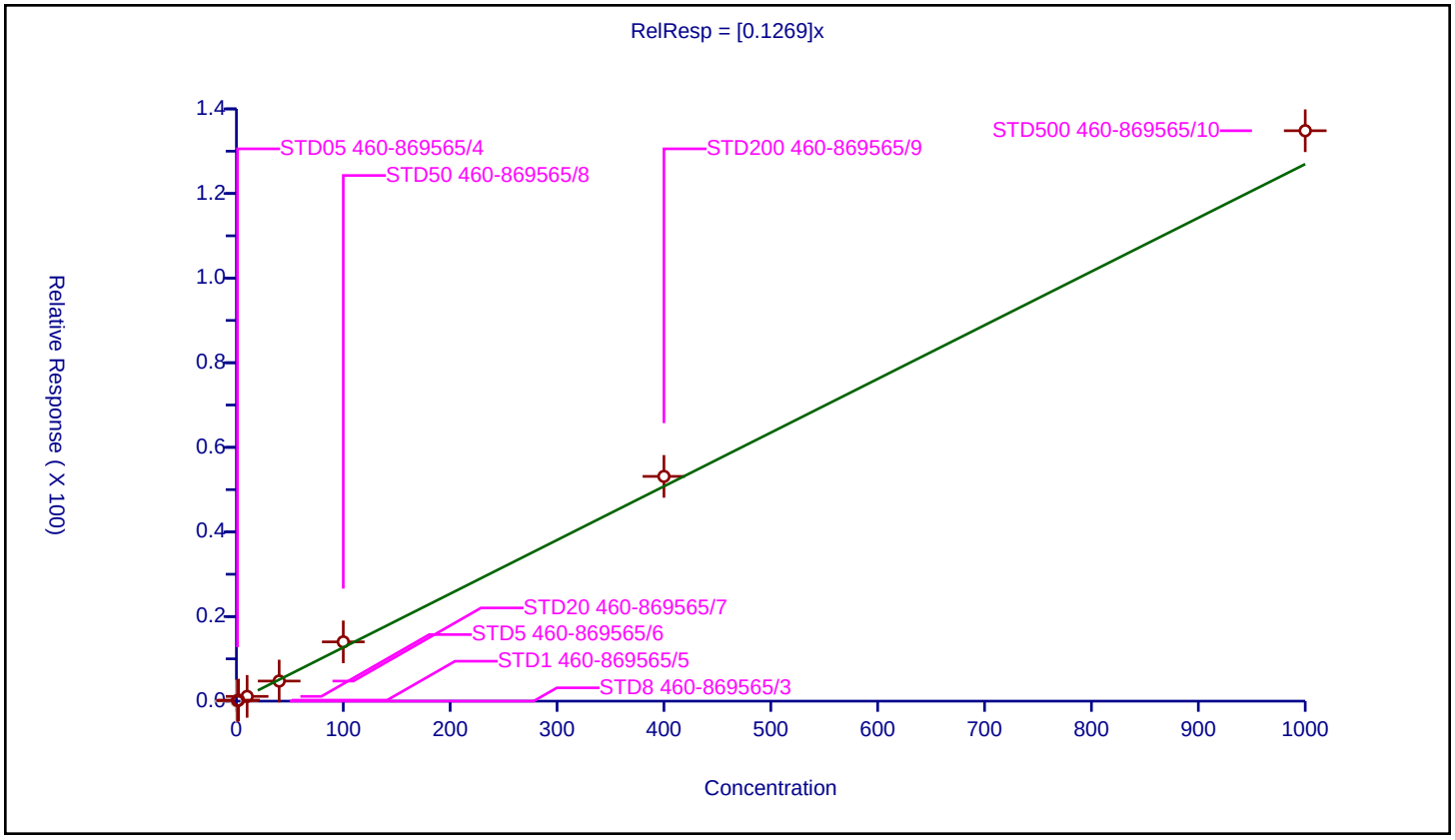
Curve Coefficients

Intercept:	0
Slope:	0.1269

Error Coefficients

Standard Error:	1260000
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	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	1.0	0.128144	50.0	721845.0	0.128144	Y
3	STD1 460-869565/5	2.0	0.243392	50.0	736467.0	0.121696	Y
4	STD5 460-869565/6	10.0	1.122091	50.0	753415.0	0.112209	Y
5	STD20 460-869565/7	40.0	4.753222	50.0	836380.0	0.118831	Y
6	STD50 460-869565/8	100.0	14.008761	50.0	828171.0	0.140088	Y
7	STD200 460-869565/9	400.0	53.127389	50.0	995271.0	0.132818	Y
8	STD500 460-869565/10	1000.0	134.839352	50.0	1067240.0	0.134839	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

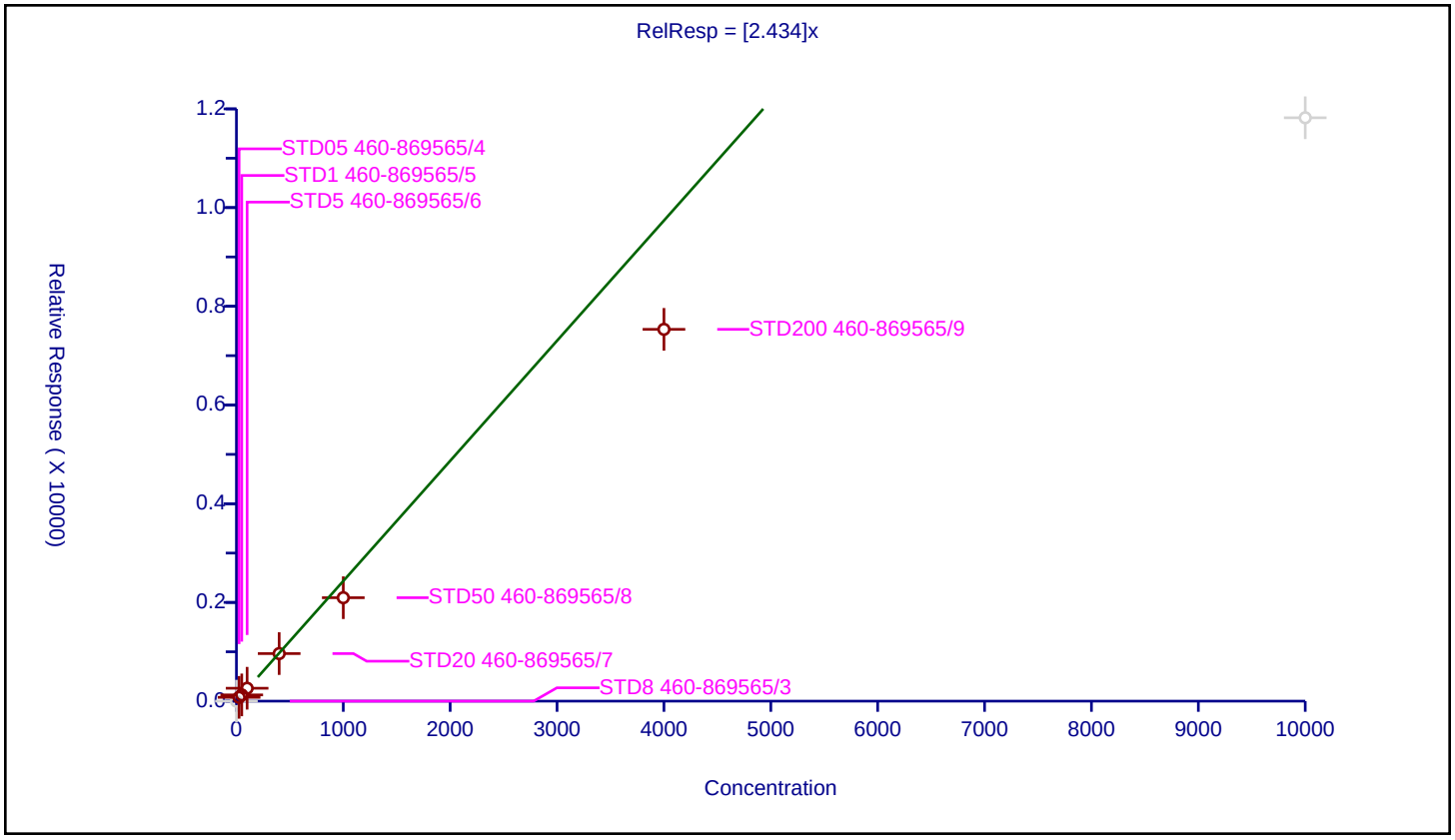
Curve Coefficients

Intercept:	0
Slope:	2.434

Error Coefficients

Standard Error:	93300
Relative Standard Error:	17.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.945

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	1000.0	22162.0	NaN	N
2	STD05 460-869565/4	25.000031	76.944877	1000.0	21171.0	3.077791	Y
3	STD1 460-869565/5	50.000062	126.363791	1000.0	23464.0	2.527273	Y
4	STD5 460-869565/6	100.0	261.366555	1000.0	23358.0	2.613666	Y
5	STD20 460-869565/7	400.0	963.416299	1000.0	21977.0	2.408541	Y
6	STD50 460-869565/8	1000.0	2095.577059	1000.0	26973.0	2.095577	Y
7	STD200 460-869565/9	4000.0	7533.113414	1000.0	27889.0	1.883278	Y
8	STD500 460-869565/10	10000.0	11820.457855	1000.0	49448.0	1.182046	N



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

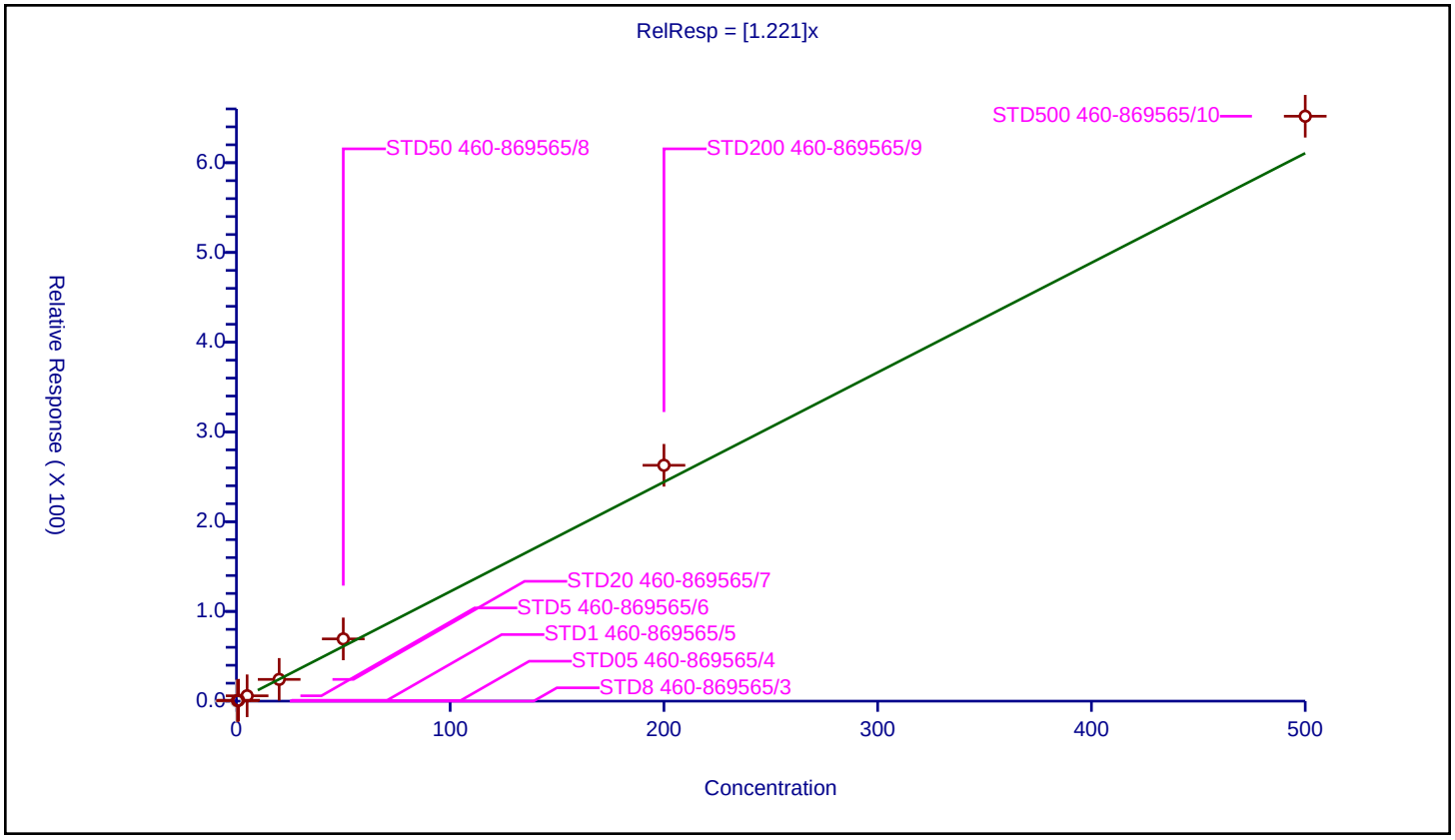
Curve Coefficients

Intercept:	0
Slope:	1.221

Error Coefficients

Standard Error:	6090000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.566188	50.0	721845.0	1.132376	Y
3	STD1 460-869565/5	1.0	1.006766	50.0	736467.0	1.006766	Y
4	STD5 460-869565/6	5.0	5.964243	50.0	753415.0	1.192849	Y
5	STD20 460-869565/7	20.0	24.236711	50.0	836380.0	1.211836	Y
6	STD50 460-869565/8	50.0	69.346789	50.0	828171.0	1.386936	Y
7	STD200 460-869565/9	200.0	262.844743	50.0	995271.0	1.314224	Y
8	STD500 460-869565/10	500.0	651.836747	50.0	1067240.0	1.303673	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

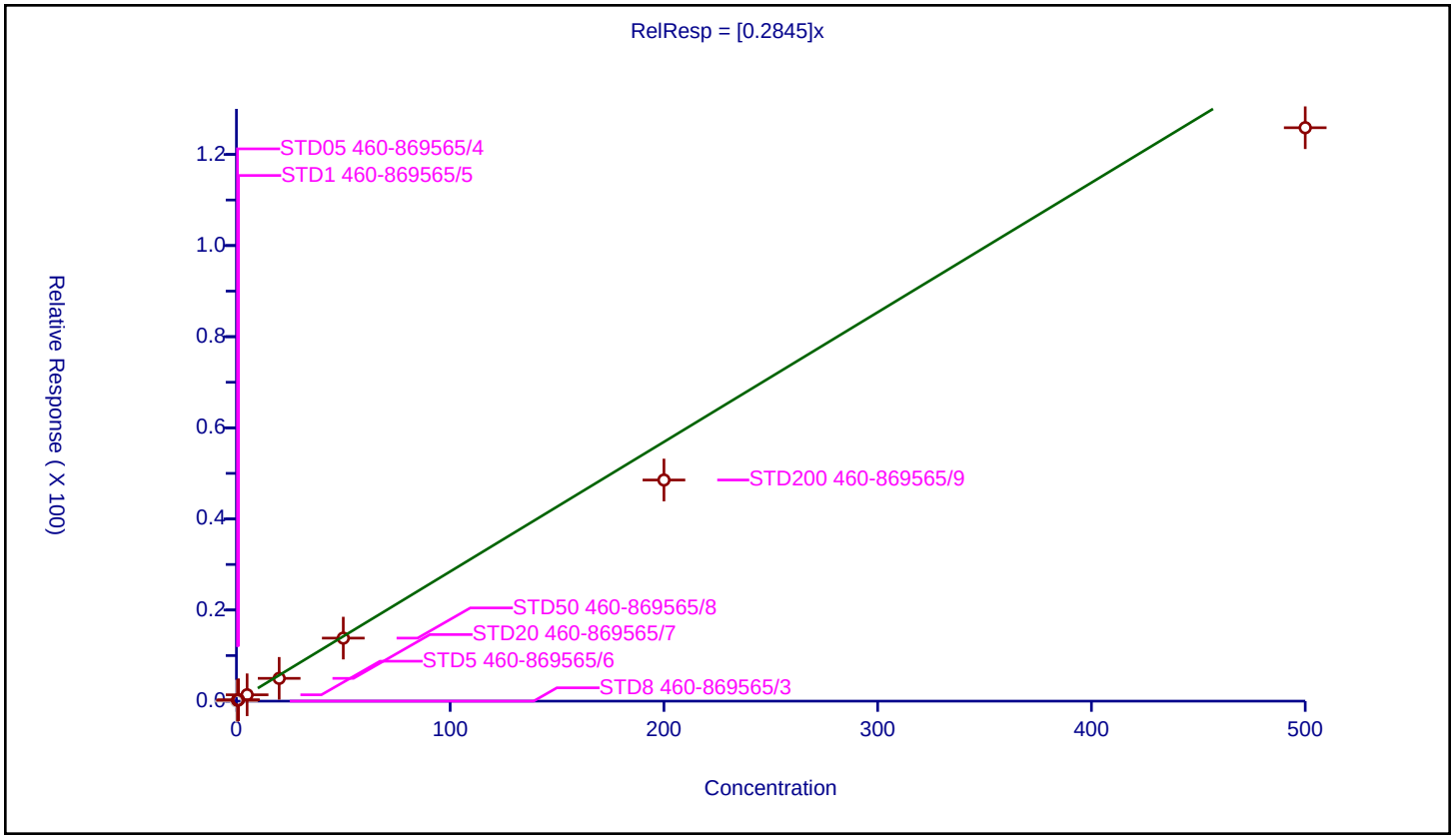
Curve Coefficients

Intercept:	0
Slope:	0.2845

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	18.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.197688	50.0	721845.0	0.395376	Y
3	STD1 460-869565/5	1.0	0.296144	50.0	736467.0	0.296144	Y
4	STD5 460-869565/6	5.0	1.395844	50.0	753415.0	0.279169	Y
5	STD20 460-869565/7	20.0	4.999223	50.0	836380.0	0.249961	Y
6	STD50 460-869565/8	50.0	13.832409	50.0	828171.0	0.276648	Y
7	STD200 460-869565/9	200.0	48.541051	50.0	995271.0	0.242705	Y
8	STD500 460-869565/10	500.0	125.867565	50.0	1067240.0	0.251735	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

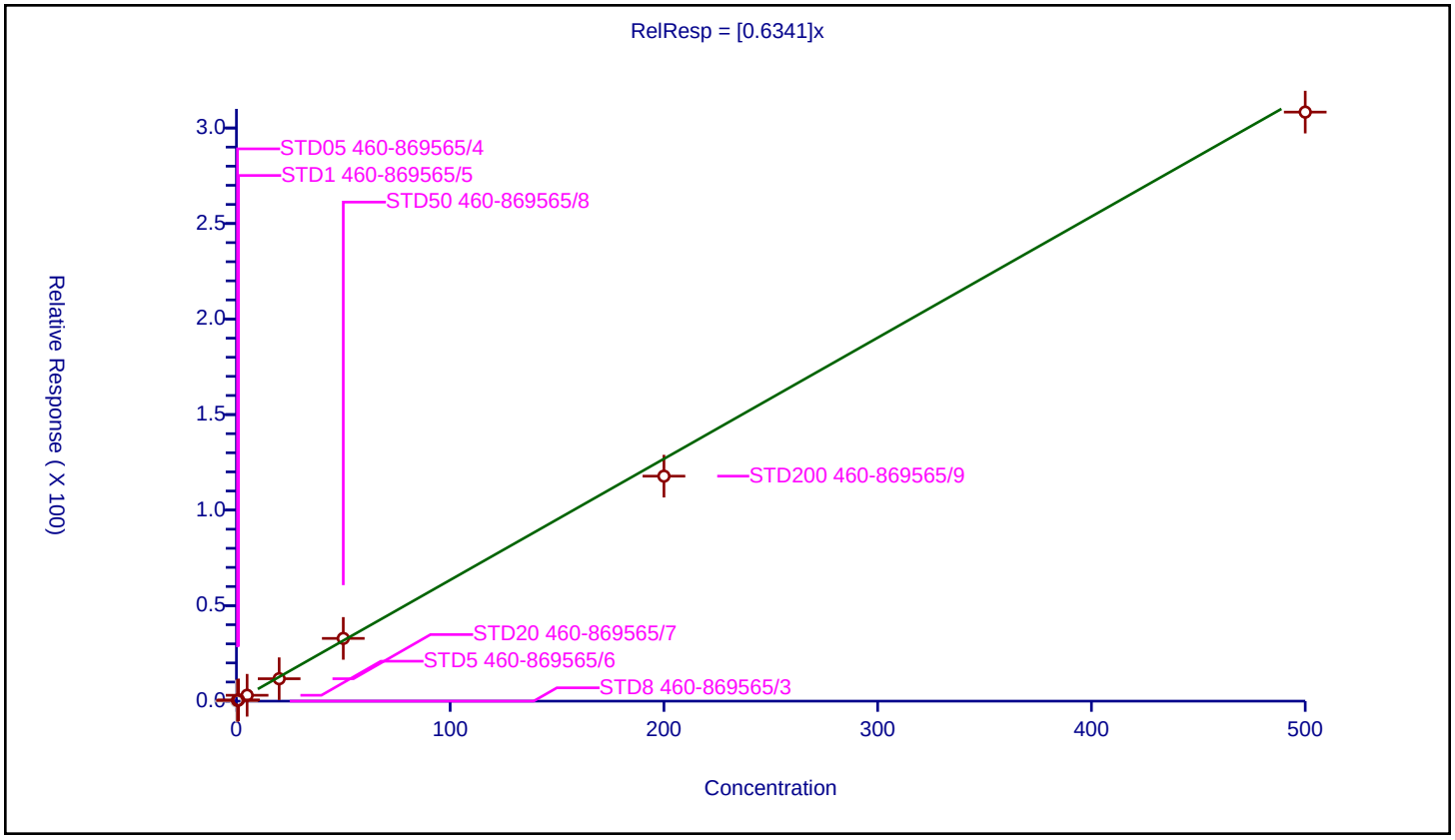
Curve Coefficients

Intercept:	0
Slope:	0.6341

Error Coefficients

Standard Error:	2860000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5	0.36947	50.0	721845.0	0.73894	Y
3	STD1 460-869565/5	1.0	0.635331	50.0	736467.0	0.635331	Y
4	STD5 460-869565/6	5.0	3.07679	50.0	753415.0	0.615358	Y
5	STD20 460-869565/7	20.0	11.736232	50.0	836380.0	0.586812	Y
6	STD50 460-869565/8	50.0	32.842734	50.0	828171.0	0.656855	Y
7	STD200 460-869565/9	200.0	117.768075	50.0	995271.0	0.58884	Y
8	STD500 460-869565/10	500.0	308.321465	50.0	1067240.0	0.616643	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

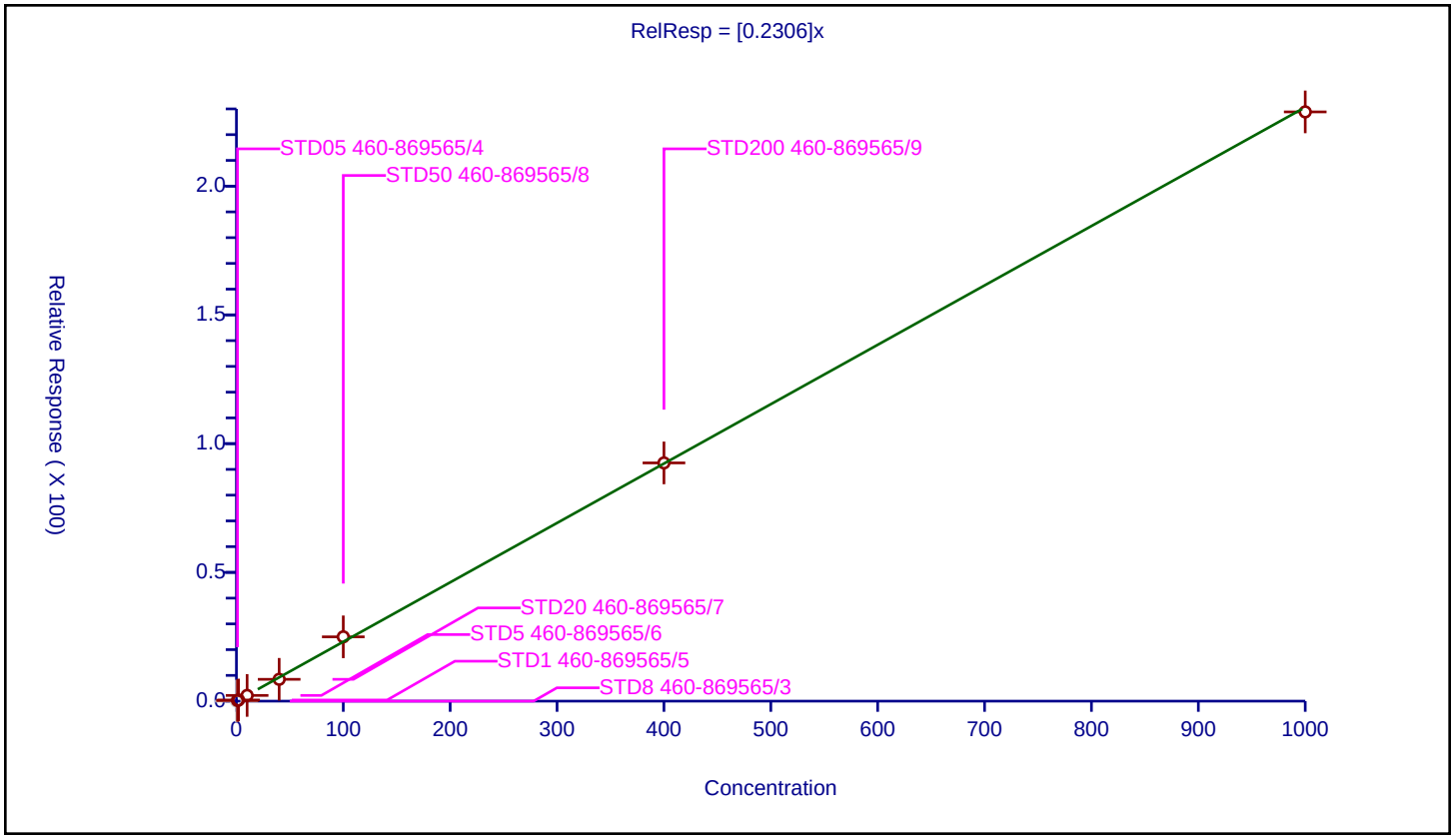
Curve Coefficients

Intercept:	0
Slope:	0.2306

Error Coefficients

Standard Error:	2140000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	1.0	0.24943	50.0	721845.0	0.24943	Y
3	STD1 460-869565/5	2.0	0.442382	50.0	736467.0	0.221191	Y
4	STD5 460-869565/6	10.0	2.219693	50.0	753415.0	0.221969	Y
5	STD20 460-869565/7	40.0	8.480954	50.0	836380.0	0.212024	Y
6	STD50 460-869565/8	100.0	24.973647	50.0	828171.0	0.249736	Y
7	STD200 460-869565/9	400.0	92.514401	50.0	995271.0	0.231286	Y
8	STD500 460-869565/10	1000.0	228.827724	50.0	1067240.0	0.228828	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

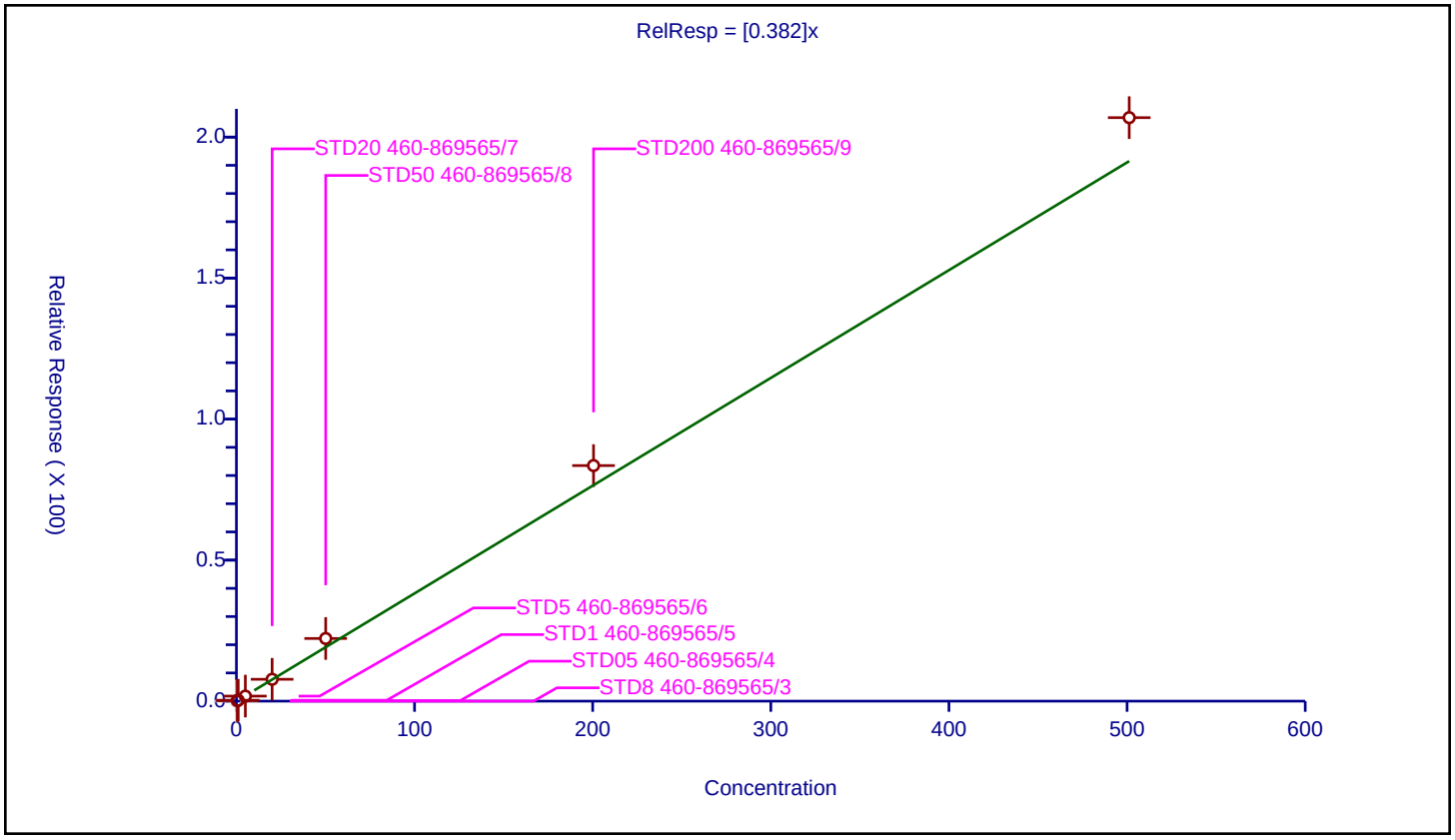
Curve Coefficients

Intercept:	0
Slope:	0.382

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	11.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	801538.0	NaN	N
2	STD05 460-869565/4	0.5012	0.169981	50.0	721845.0	0.339148	Y
3	STD1 460-869565/5	1.0024	0.319498	50.0	736467.0	0.318733	Y
4	STD5 460-869565/6	5.012	1.789983	50.0	753415.0	0.357139	Y
5	STD20 460-869565/7	20.048	7.747017	50.0	836380.0	0.386423	Y
6	STD50 460-869565/8	50.12	22.219324	50.0	828171.0	0.443323	Y
7	STD200 460-869565/9	200.48	83.526346	50.0	995271.0	0.416632	Y
8	STD500 460-869565/10	501.2	206.893154	50.0	1067240.0	0.412796	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

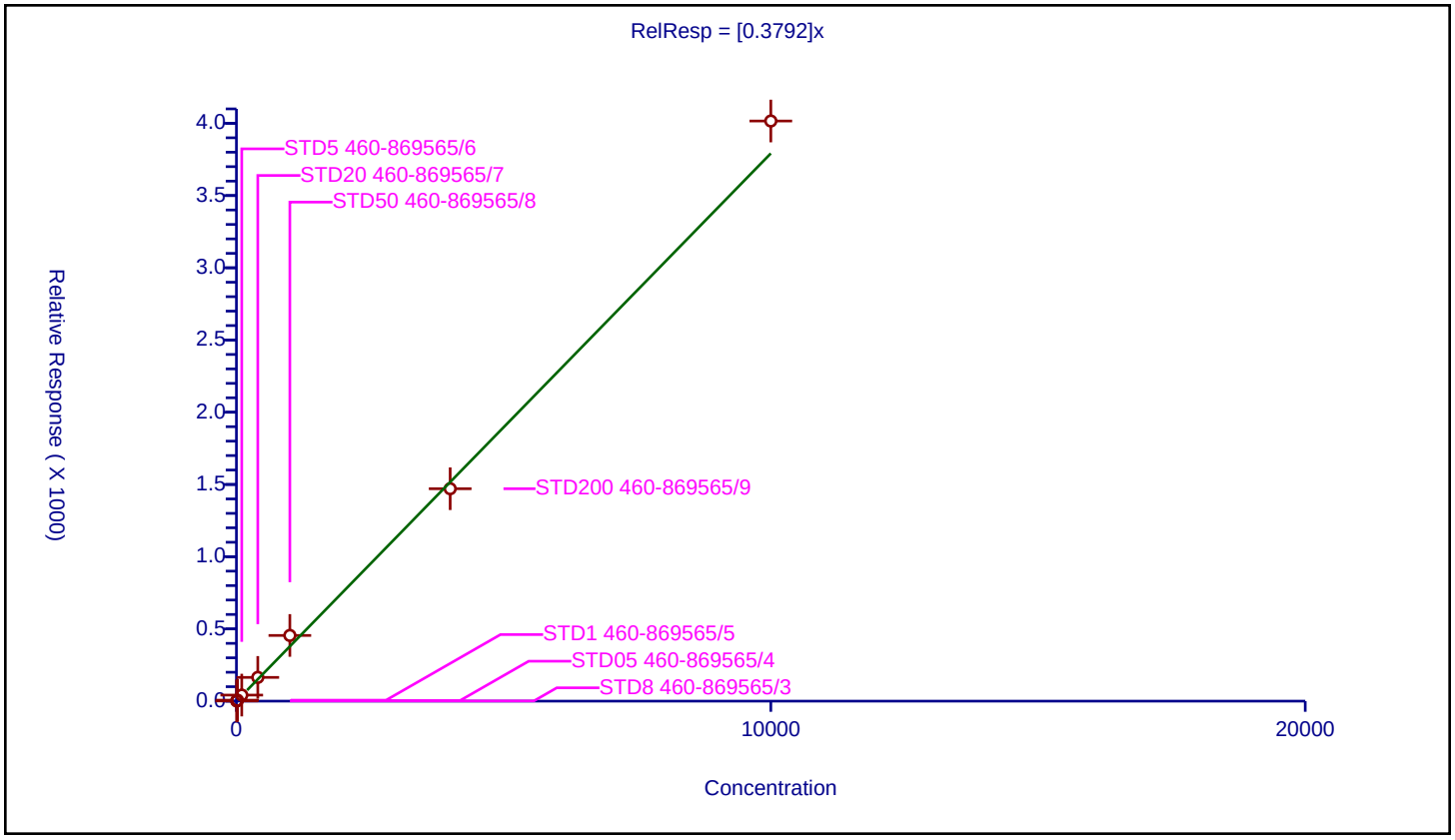
Curve Coefficients

Intercept:	0
Slope:	0.3792

Error Coefficients

Standard Error:	6380000
Relative Standard Error:	13.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	5.000009	1.473073	250.0	769480.0	0.294614	Y
2	STD05 460-869565/4	10.000017	3.431818	250.0	650967.0	0.343181	Y
3	STD1 460-869565/5	20.000035	6.815231	250.0	637726.0	0.340761	Y
4	STD5 460-869565/6	100.000173	41.969405	250.0	627743.0	0.419693	Y
5	STD20 460-869565/7	400.000692	164.451868	250.0	716807.0	0.411129	Y
6	STD50 460-869565/8	1000.00173	454.784458	250.0	754934.0	0.454784	Y
7	STD200 460-869565/9	4000.00692	1470.577773	250.0	988173.0	0.367644	Y
8	STD500 460-869565/10	10000.0173	4016.149164	250.0	981862.0	0.401614	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

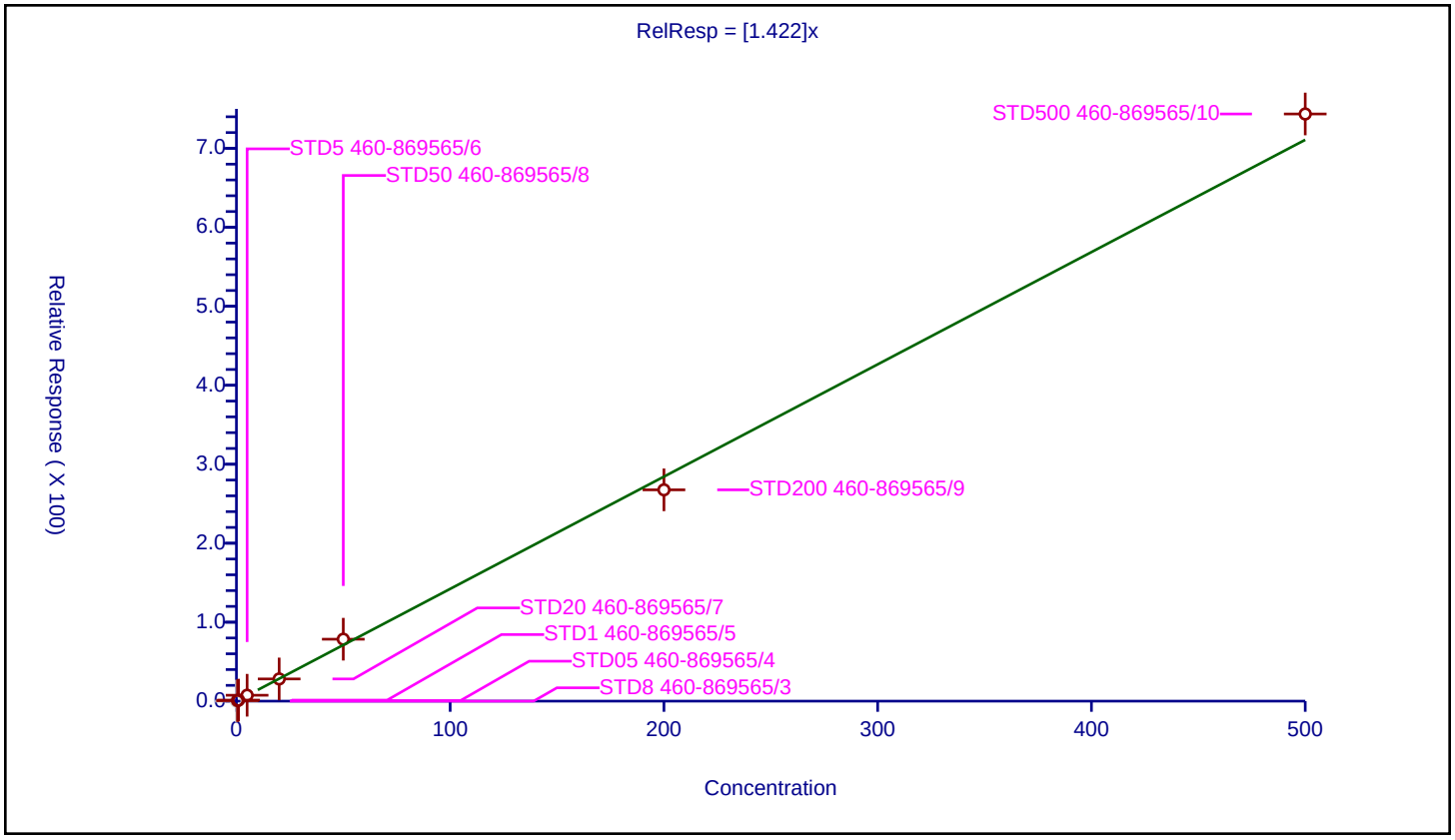
Curve Coefficients

Intercept:	0
Slope:	1.422

Error Coefficients

Standard Error:	3960000
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	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.673388	50.0	430584.0	1.346776	Y
3	STD1 460-869565/5	1.0	1.310586	50.0	437705.0	1.310586	Y
4	STD5 460-869565/6	5.0	7.469271	50.0	441924.0	1.493854	Y
5	STD20 460-869565/7	20.0	28.127426	50.0	498421.0	1.406371	Y
6	STD50 460-869565/8	50.0	78.439297	50.0	493611.0	1.568786	Y
7	STD200 460-869565/9	200.0	267.588897	50.0	618609.0	1.337944	Y
8	STD500 460-869565/10	500.0	743.561062	50.0	610916.0	1.487122	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

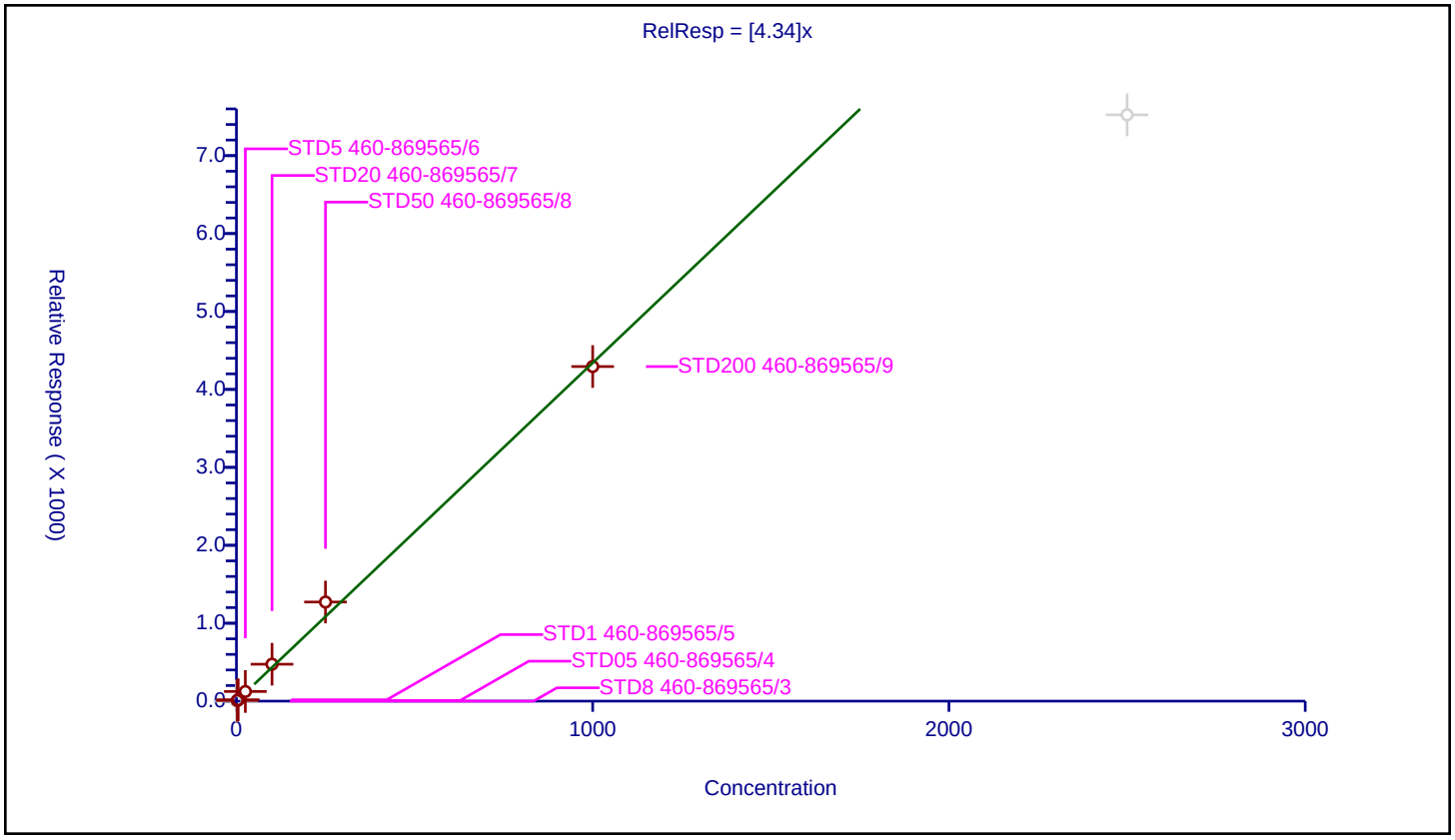
Curve Coefficients

Intercept:	0
Slope:	4.34

Error Coefficients

Standard Error:	7800000
Relative Standard Error:	16.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	250.0	769480.0	NaN	N
2	STD05 460-869565/4	2.5	8.585689	250.0	650967.0	3.434275	Y
3	STD1 460-869565/5	5.0	17.681183	250.0	637726.0	3.536237	Y
4	STD5 460-869565/6	25.0	123.750484	250.0	627743.0	4.950019	Y
5	STD20 460-869565/7	100.0	473.995441	250.0	716807.0	4.739954	Y
6	STD50 460-869565/8	250.0	1271.948276	250.0	754934.0	5.087793	Y
7	STD200 460-869565/9	1000.0	4293.48606	250.0	988173.0	4.293486	Y
8	STD500 460-869565/10	2500.0	7523.339329	250.0	981862.0	3.009336	N



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

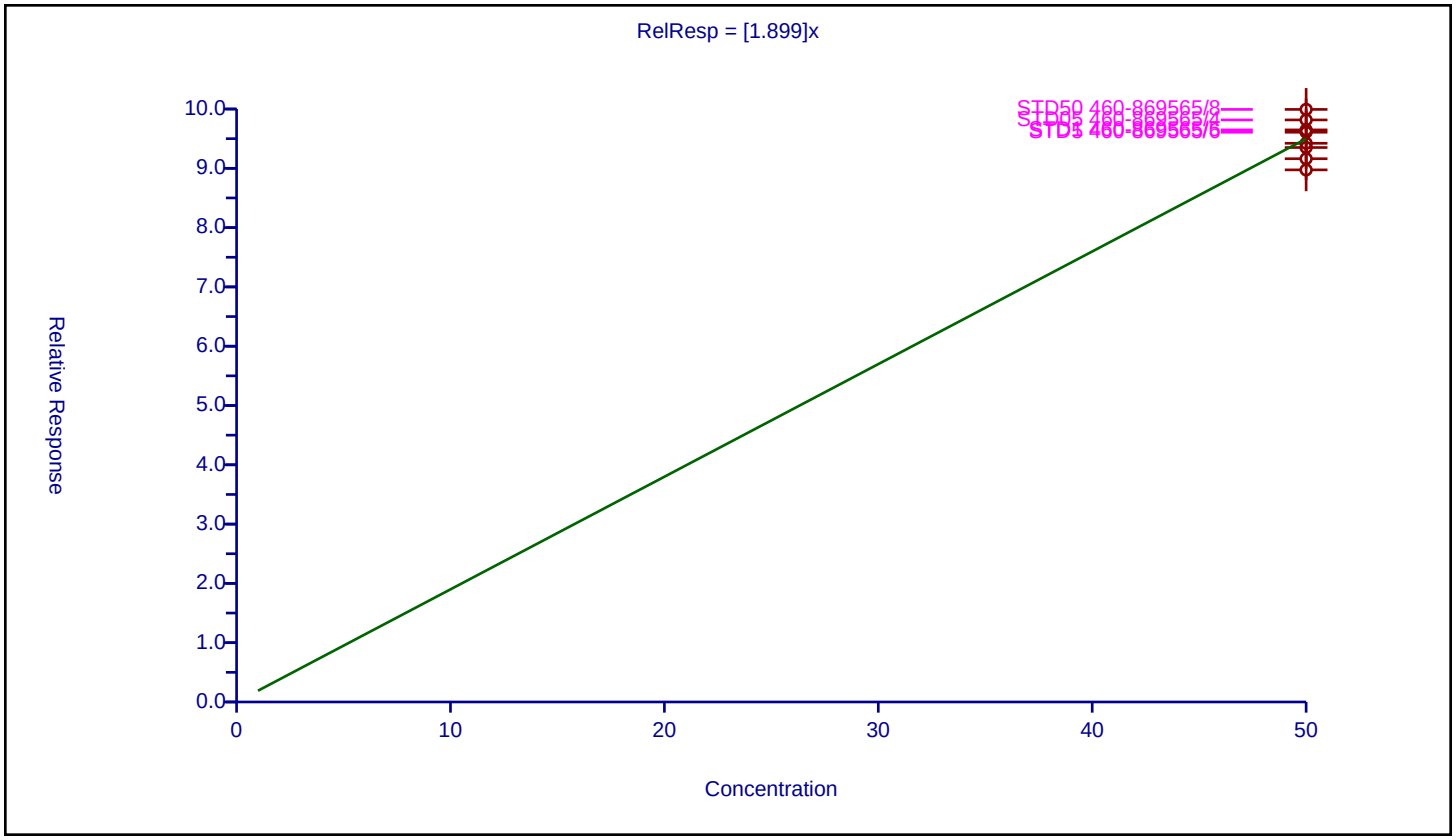
Curve Coefficients

Intercept:	0
Slope:	1.899

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	3.6
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	50.0	93.505085	50.0	487874.0	1.870102	Y
2	STD05 460-869565/4	50.0	98.160289	50.0	430584.0	1.963206	Y
3	STD1 460-869565/5	50.0	96.477993	50.0	437705.0	1.92956	Y
4	STD5 460-869565/6	50.0	96.082584	50.0	441924.0	1.921652	Y
5	STD20 460-869565/7	50.0	89.738895	50.0	498421.0	1.794778	Y
6	STD50 460-869565/8	50.0	99.932031	50.0	493611.0	1.998641	Y
7	STD200 460-869565/9	50.0	91.617969	50.0	618609.0	1.832359	Y
8	STD500 460-869565/10	50.0	94.221628	50.0	610916.0	1.884433	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

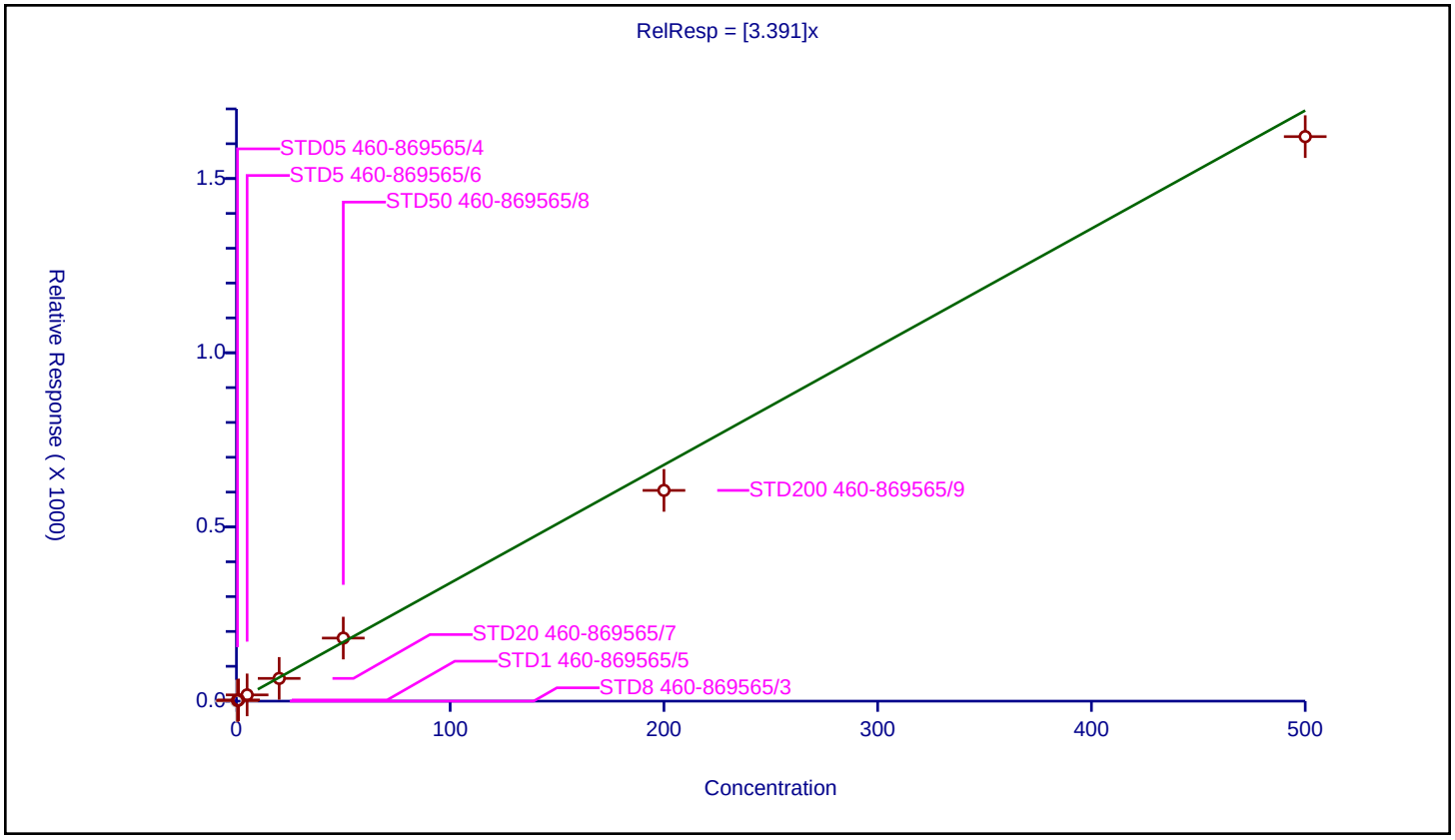
Curve Coefficients

Intercept:	0
Slope:	3.391

Error Coefficients

Standard Error:	8680000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	1.805571	50.0	430584.0	3.611142	Y
3	STD1 460-869565/5	1.0	3.389497	50.0	437705.0	3.389497	Y
4	STD5 460-869565/6	5.0	17.942339	50.0	441924.0	3.588468	Y
5	STD20 460-869565/7	20.0	65.217758	50.0	498421.0	3.260888	Y
6	STD50 460-869565/8	50.0	180.986749	50.0	493611.0	3.619735	Y
7	STD200 460-869565/9	200.0	604.918697	50.0	618609.0	3.024593	Y
8	STD500 460-869565/10	500.0	1620.384554	50.0	610916.0	3.240769	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

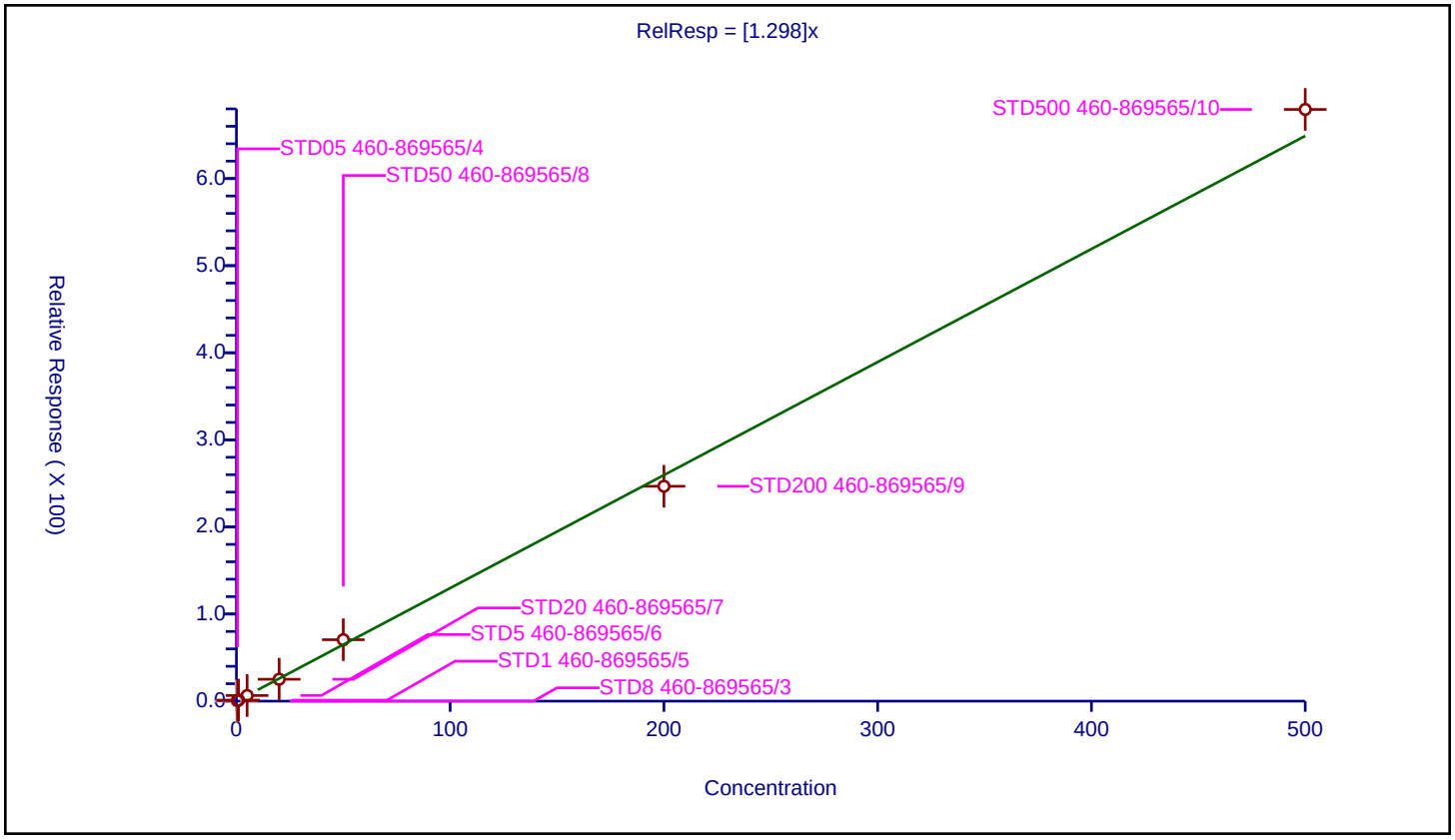
Curve Coefficients

Intercept:	0
Slope:	1.298

Error Coefficients

Standard Error:	3620000
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 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.683258	50.0	430584.0	1.366516	Y
3	STD1 460-869565/5	1.0	1.168024	50.0	437705.0	1.168024	Y
4	STD5 460-869565/6	5.0	6.458463	50.0	441924.0	1.291693	Y
5	STD20 460-869565/7	20.0	25.121133	50.0	498421.0	1.256057	Y
6	STD50 460-869565/8	50.0	70.522132	50.0	493611.0	1.410443	Y
7	STD200 460-869565/9	200.0	246.716504	50.0	618609.0	1.233583	Y
8	STD500 460-869565/10	500.0	679.354363	50.0	610916.0	1.358709	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

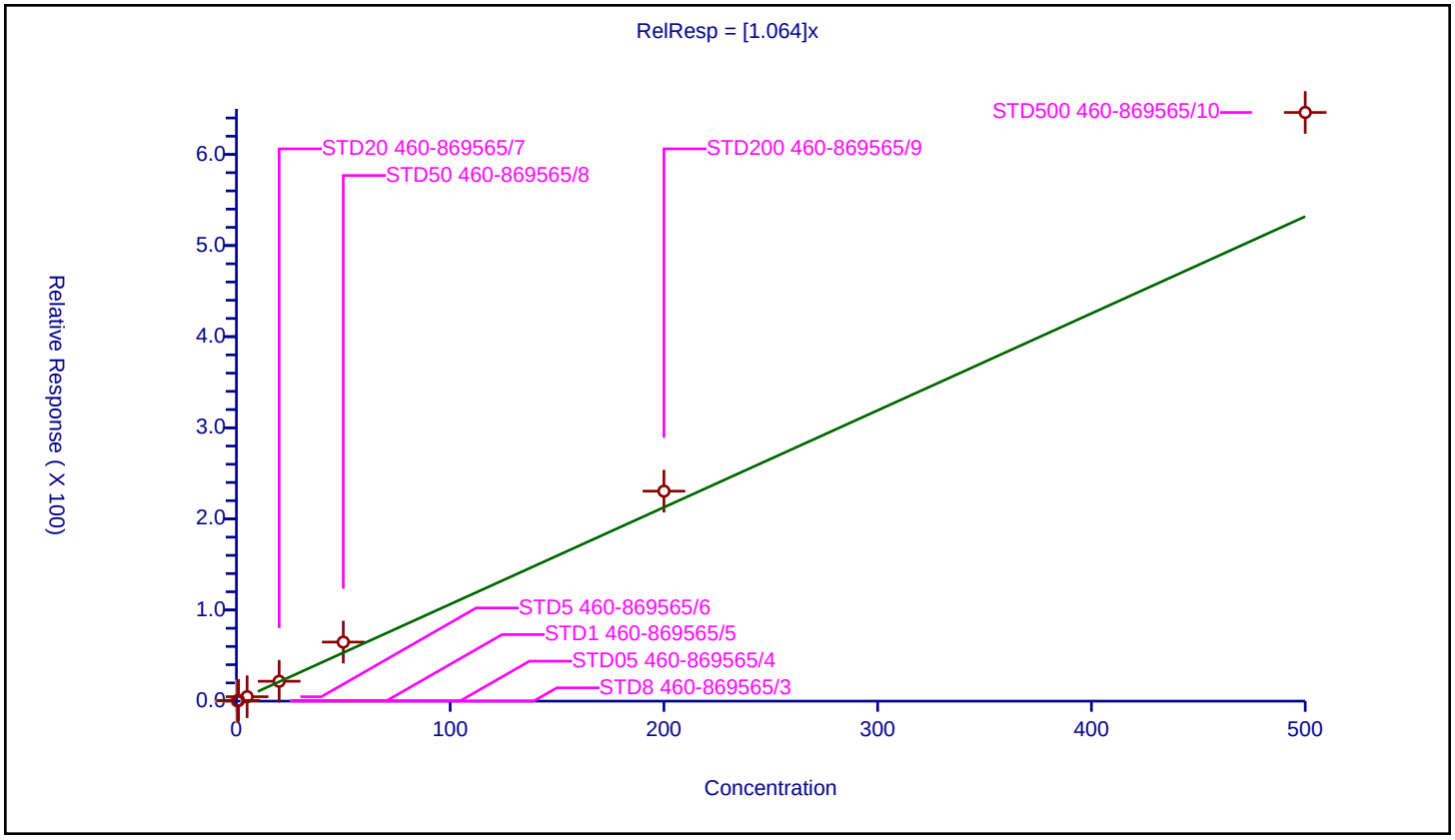
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	3440000
Relative Standard Error:	19.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.430694	50.0	430584.0	0.861388	Y
3	STD1 460-869565/5	1.0	0.777122	50.0	437705.0	0.777122	Y
4	STD5 460-869565/6	5.0	4.879459	50.0	441924.0	0.975892	Y
5	STD20 460-869565/7	20.0	21.818302	50.0	498421.0	1.090915	Y
6	STD50 460-869565/8	50.0	64.81531	50.0	493611.0	1.296306	Y
7	STD200 460-869565/9	200.0	230.485735	50.0	618609.0	1.152429	Y
8	STD500 460-869565/10	500.0	646.071964	50.0	610916.0	1.292144	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

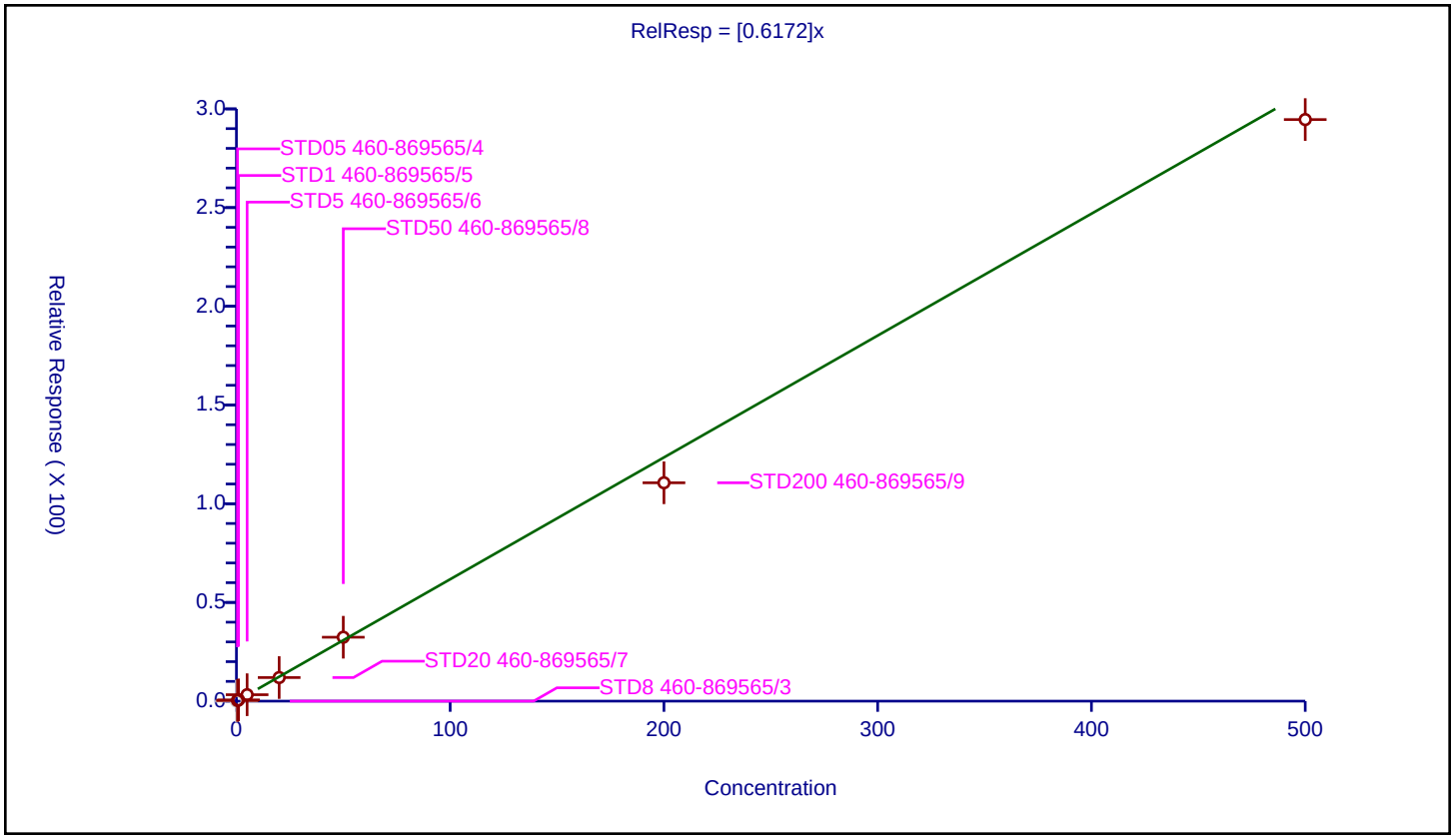
Curve Coefficients

Intercept:	0
Slope:	0.6172

Error Coefficients

Standard Error:	1580000
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 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.329204	50.0	430584.0	0.658408	Y
3	STD1 460-869565/5	1.0	0.624279	50.0	437705.0	0.624279	Y
4	STD5 460-869565/6	5.0	3.254971	50.0	441924.0	0.650994	Y
5	STD20 460-869565/7	20.0	11.945524	50.0	498421.0	0.597276	Y
6	STD50 460-869565/8	50.0	32.377621	50.0	493611.0	0.647552	Y
7	STD200 460-869565/9	200.0	110.605892	50.0	618609.0	0.553029	Y
8	STD500 460-869565/10	500.0	294.595165	50.0	610916.0	0.58919	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

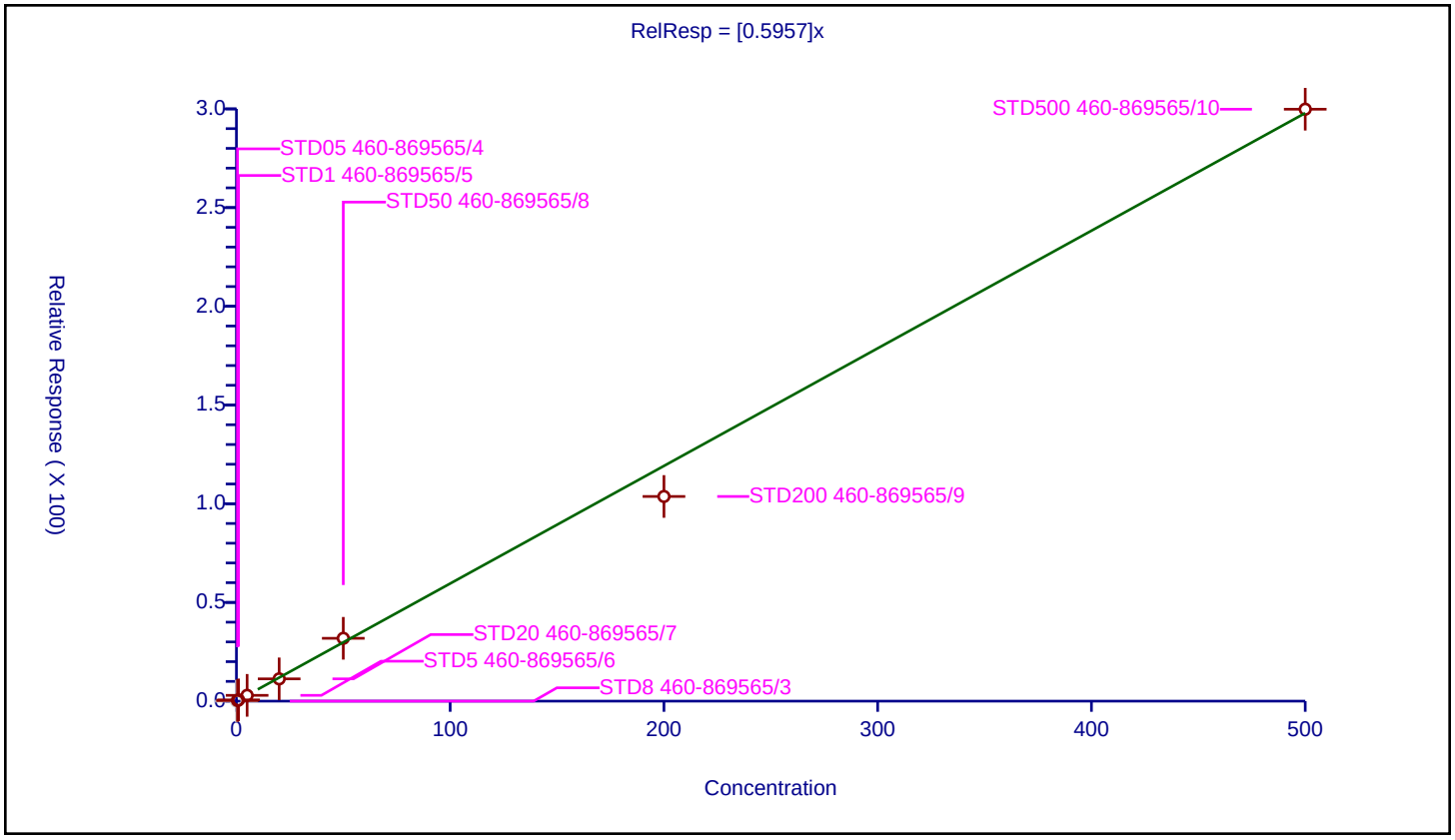
Curve Coefficients

Intercept:	0
Slope:	0.5957

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.320379	50.0	430584.0	0.640758	Y
3	STD1 460-869565/5	1.0	0.622223	50.0	437705.0	0.622223	Y
4	STD5 460-869565/6	5.0	2.940664	50.0	441924.0	0.588133	Y
5	STD20 460-869565/7	20.0	11.289051	50.0	498421.0	0.564453	Y
6	STD50 460-869565/8	50.0	31.827998	50.0	493611.0	0.63656	Y
7	STD200 460-869565/9	200.0	103.675585	50.0	618609.0	0.518378	Y
8	STD500 460-869565/10	500.0	299.834674	50.0	610916.0	0.599669	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

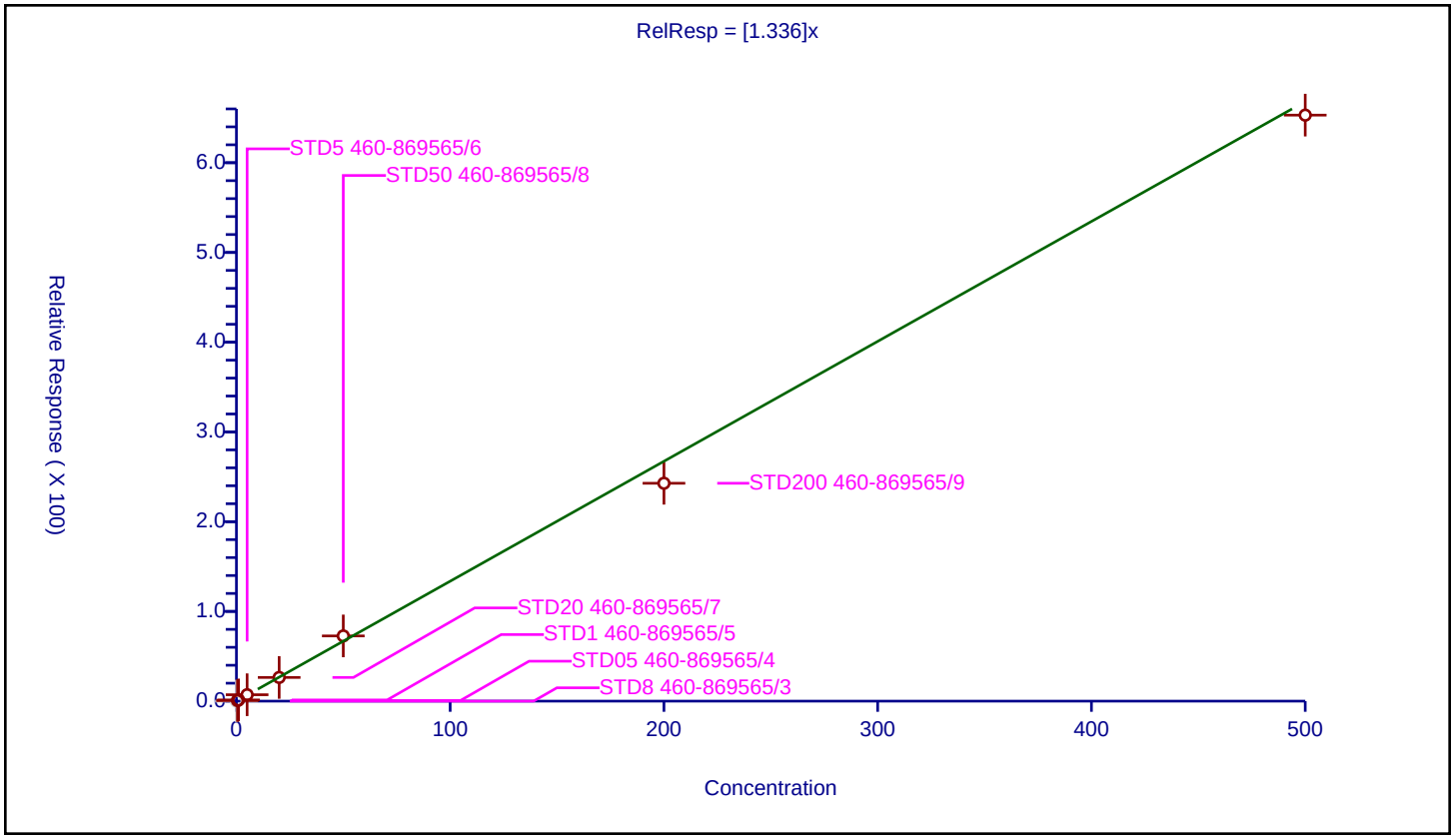
Curve Coefficients

Intercept:	0
Slope:	1.336

Error Coefficients

Standard Error:	3490000
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	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.65295	50.0	430584.0	1.305901	Y
3	STD1 460-869565/5	1.0	1.324979	50.0	437705.0	1.324979	Y
4	STD5 460-869565/6	5.0	7.149872	50.0	441924.0	1.429974	Y
5	STD20 460-869565/7	20.0	26.40599	50.0	498421.0	1.3203	Y
6	STD50 460-869565/8	50.0	72.685779	50.0	493611.0	1.453716	Y
7	STD200 460-869565/9	200.0	242.813635	50.0	618609.0	1.214068	Y
8	STD500 460-869565/10	500.0	653.044854	50.0	610916.0	1.30609	Y



Calibration / 2-Hexanone

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

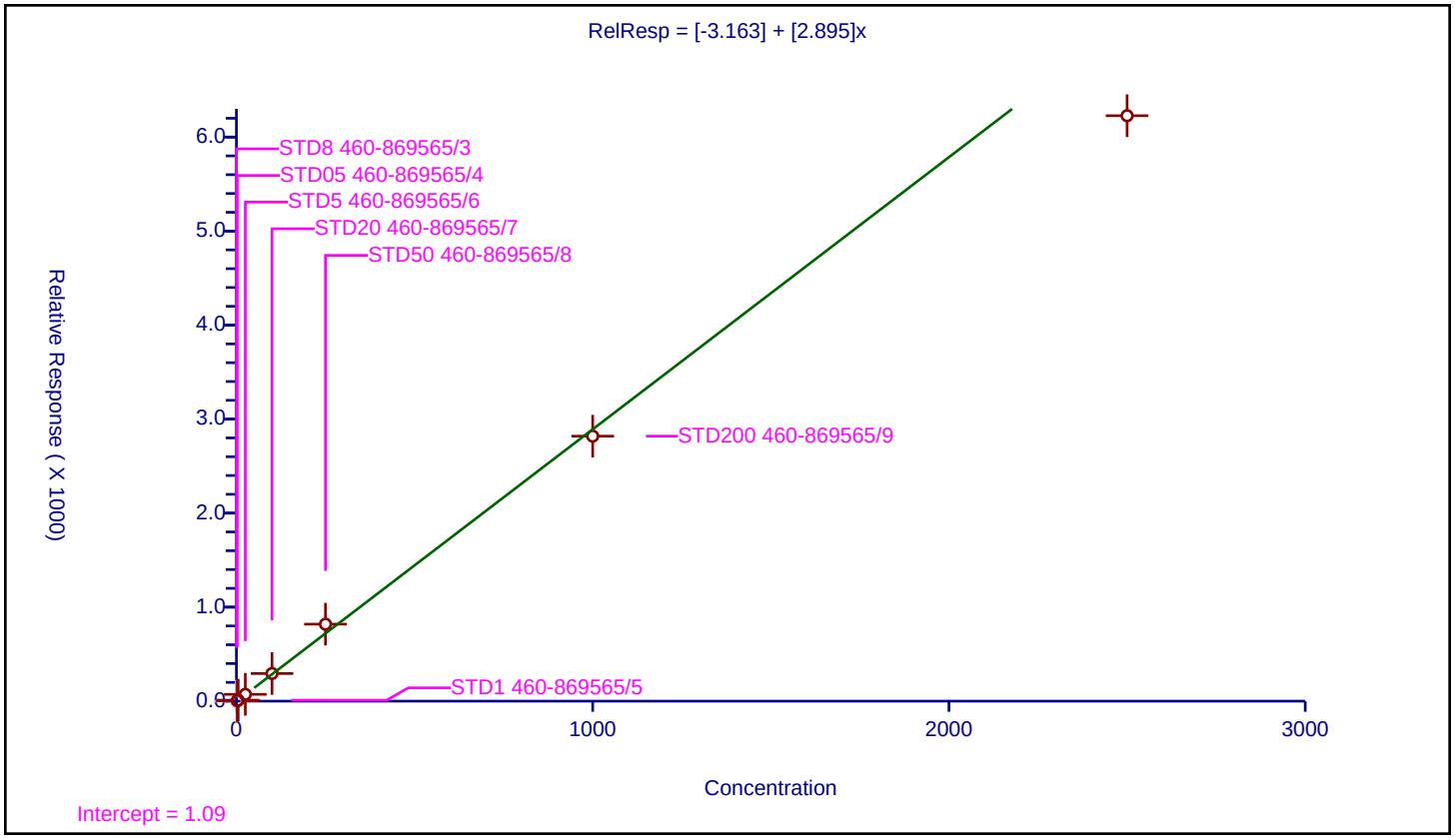
Curve Coefficients

Intercept:	-3.163
Slope:	2.895

Error Coefficients

Standard Error:	12100000
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 460-869565/3	0.0	0.0	250.0	769480.0	NaN	N
2	STD05 460-869565/4	2.5	4.285932	250.0	650967.0	1.714373	Y
3	STD1 460-869565/5	5.0	10.281453	250.0	637726.0	2.056291	Y
4	STD5 460-869565/6	25.0	72.298297	250.0	627743.0	2.891932	Y
5	STD20 460-869565/7	100.0	294.039748	250.0	716807.0	2.940397	Y
6	STD50 460-869565/8	250.0	818.97656	250.0	754934.0	3.275906	Y
7	STD200 460-869565/9	1000.0	2818.985896	250.0	988173.0	2.818986	Y
8	STD500 460-869565/10	2500.0	6227.322933	250.0	981862.0	2.490929	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

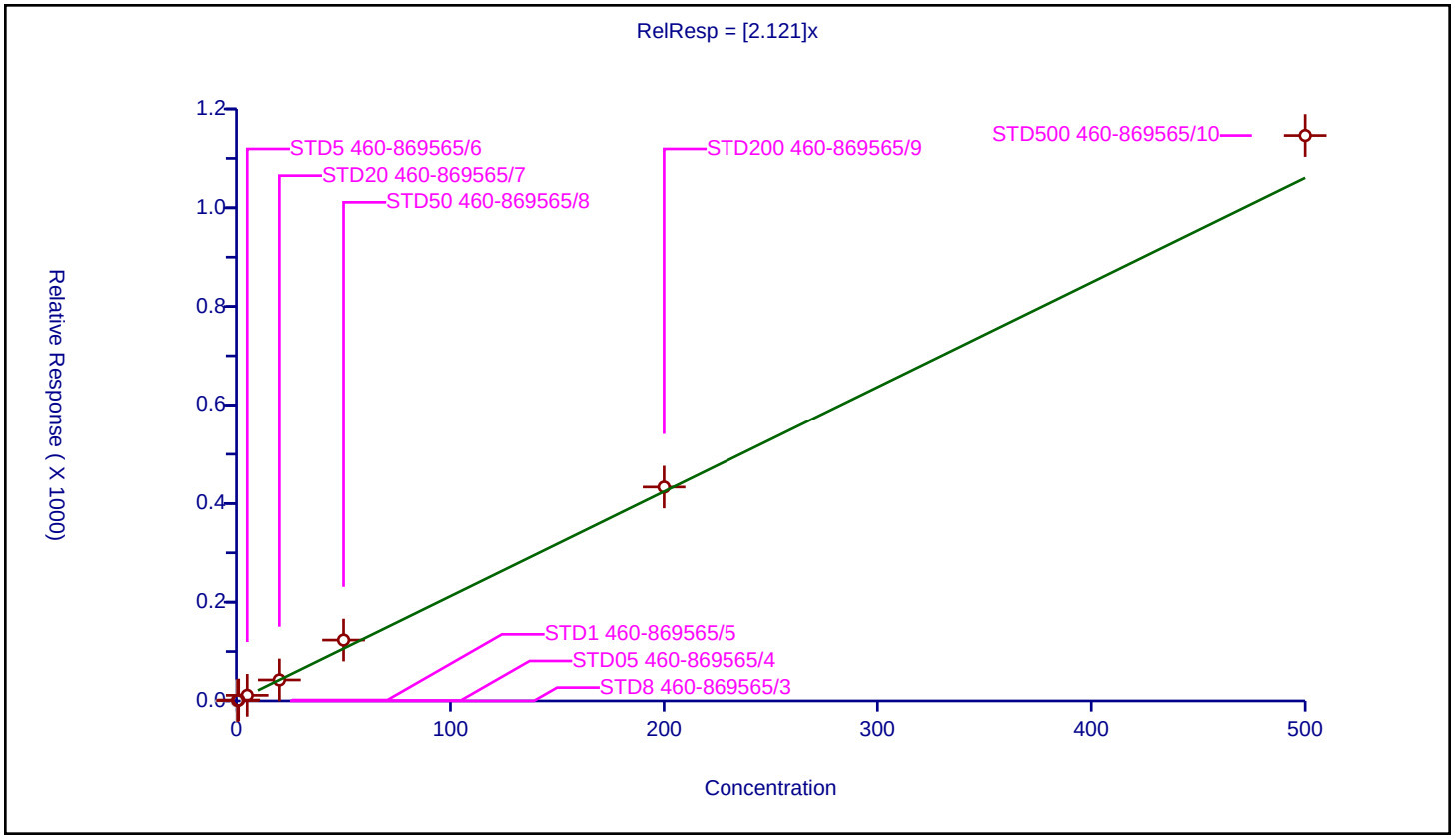
Curve Coefficients

Intercept:	0
Slope:	2.121

Error Coefficients

Standard Error:	6140000
Relative Standard Error:	12.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.827132	50.0	430584.0	1.654265	Y
3	STD1 460-869565/5	1.0	1.87752	50.0	437705.0	1.87752	Y
4	STD5 460-869565/6	5.0	11.347087	50.0	441924.0	2.269417	Y
5	STD20 460-869565/7	20.0	42.479651	50.0	498421.0	2.123983	Y
6	STD50 460-869565/8	50.0	123.285137	50.0	493611.0	2.465703	Y
7	STD200 460-869565/9	200.0	433.39363	50.0	618609.0	2.166968	Y
8	STD500 460-869565/10	500.0	1146.203815	50.0	610916.0	2.292408	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

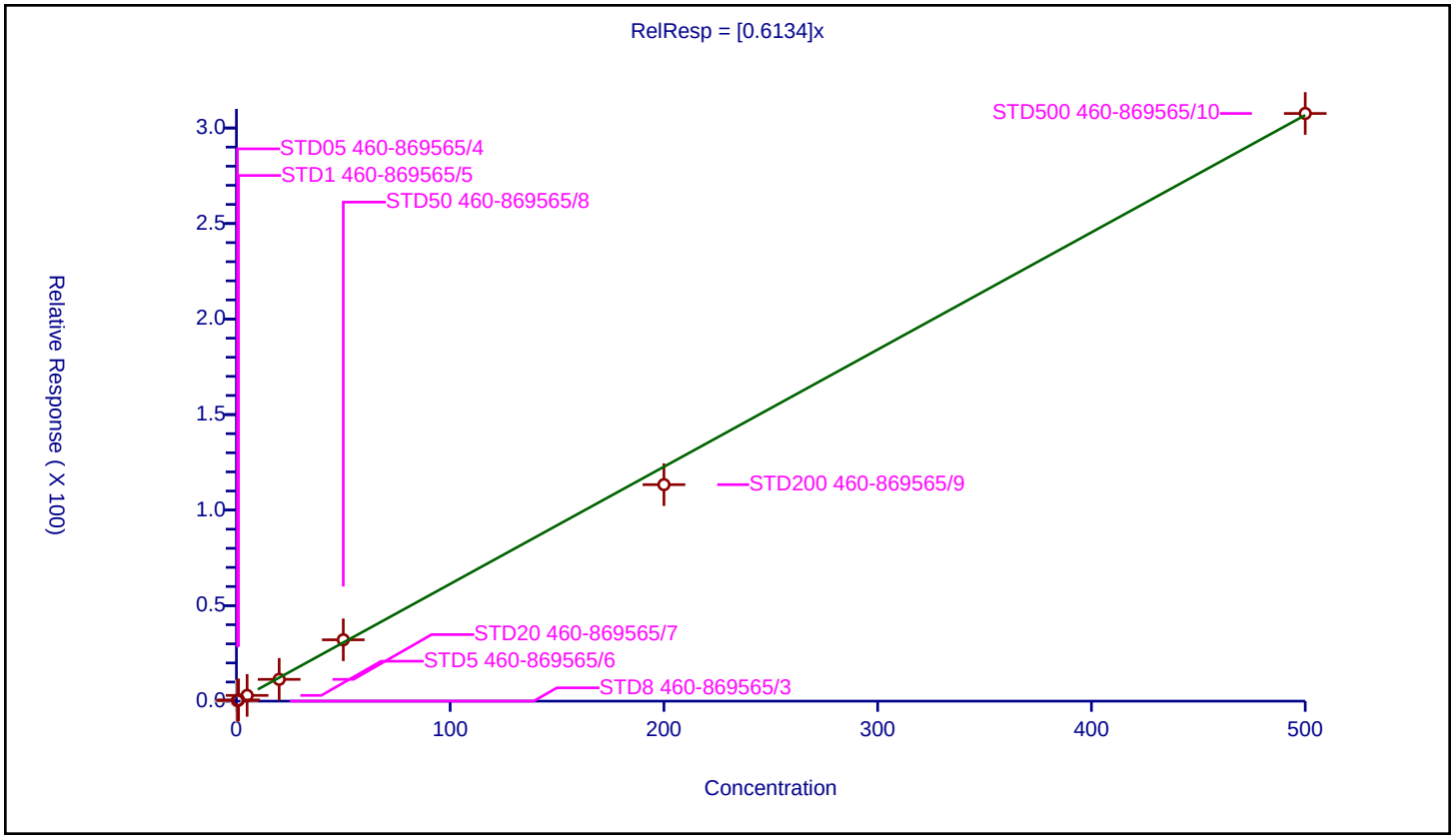
Curve Coefficients

Intercept:	0
Slope:	0.6134

Error Coefficients

Standard Error:	1640000
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	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.325953	50.0	430584.0	0.651905	Y
3	STD1 460-869565/5	1.0	0.647354	50.0	437705.0	0.647354	Y
4	STD5 460-869565/6	5.0	3.003571	50.0	441924.0	0.600714	Y
5	STD20 460-869565/7	20.0	11.398998	50.0	498421.0	0.56995	Y
6	STD50 460-869565/8	50.0	32.115674	50.0	493611.0	0.642313	Y
7	STD200 460-869565/9	200.0	113.32441	50.0	618609.0	0.566622	Y
8	STD500 460-869565/10	500.0	307.601127	50.0	610916.0	0.615202	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

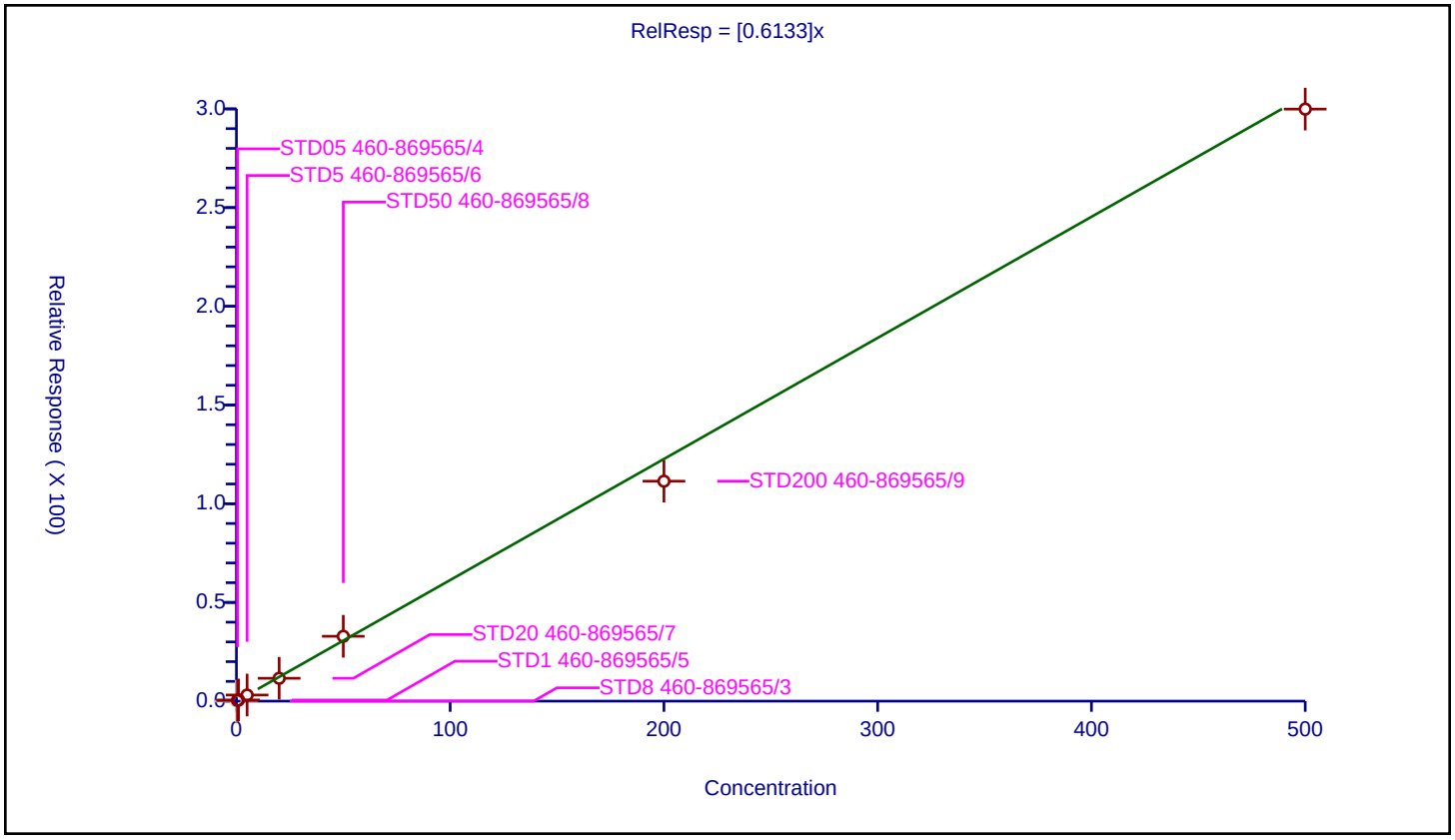
Curve Coefficients

Intercept:	0
Slope:	0.6133

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.350803	50.0	430584.0	0.701605	Y
3	STD1 460-869565/5	1.0	0.578814	50.0	437705.0	0.578814	Y
4	STD5 460-869565/6	5.0	3.100533	50.0	441924.0	0.620107	Y
5	STD20 460-869565/7	20.0	11.576057	50.0	498421.0	0.578803	Y
6	STD50 460-869565/8	50.0	32.852287	50.0	493611.0	0.657046	Y
7	STD200 460-869565/9	200.0	111.411893	50.0	618609.0	0.557059	Y
8	STD500 460-869565/10	500.0	299.895894	50.0	610916.0	0.599792	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

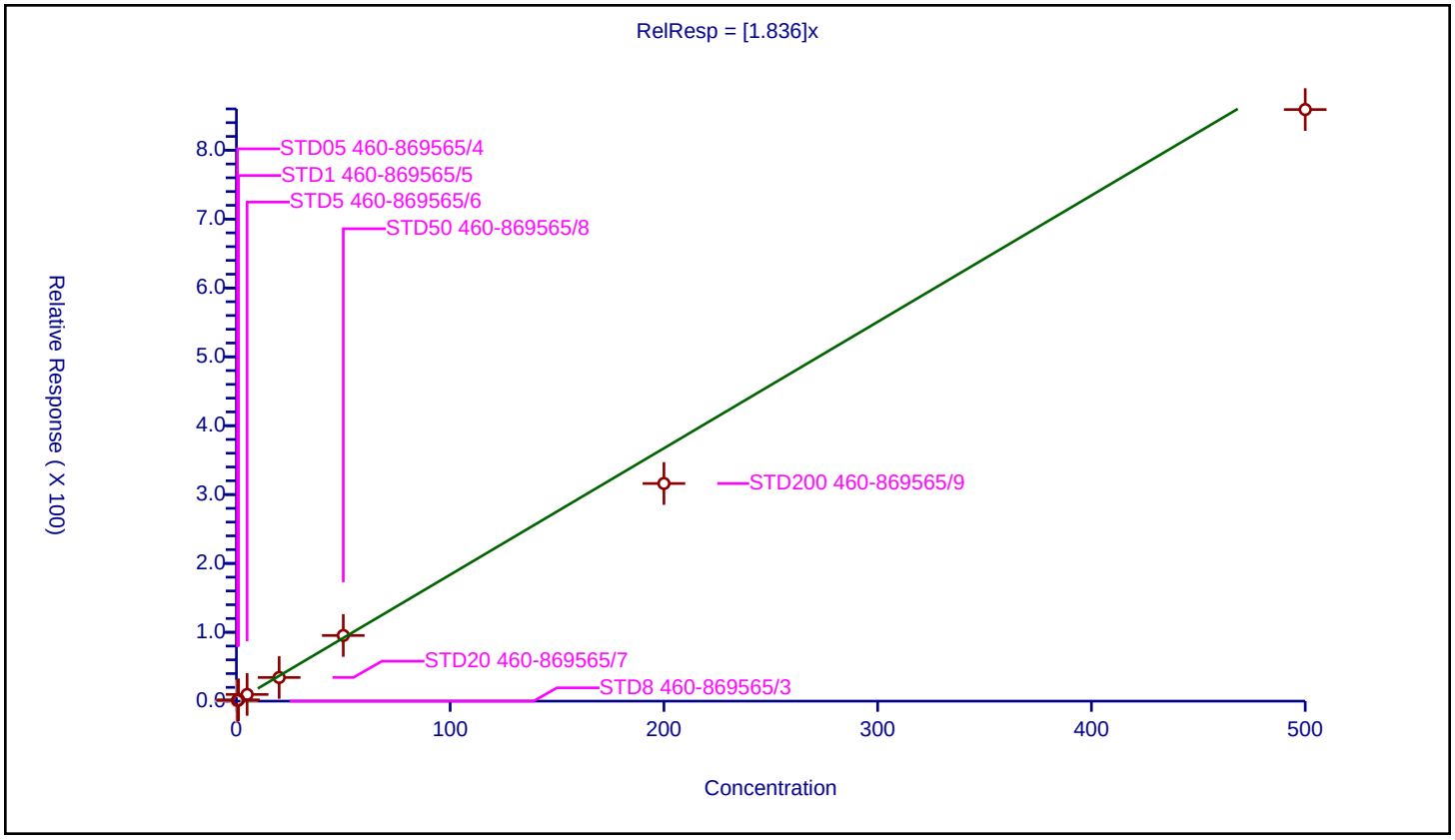
Curve Coefficients

Intercept:	0
Slope:	1.836

Error Coefficients

Standard Error:	4590000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	1.043815	50.0	430584.0	2.08763	Y
3	STD1 460-869565/5	1.0	1.891914	50.0	437705.0	1.891914	Y
4	STD5 460-869565/6	5.0	9.743191	50.0	441924.0	1.948638	Y
5	STD20 460-869565/7	20.0	34.354592	50.0	498421.0	1.71773	Y
6	STD50 460-869565/8	50.0	95.340157	50.0	493611.0	1.906803	Y
7	STD200 460-869565/9	200.0	316.045838	50.0	618609.0	1.580229	Y
8	STD500 460-869565/10	500.0	859.04306	50.0	610916.0	1.718086	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

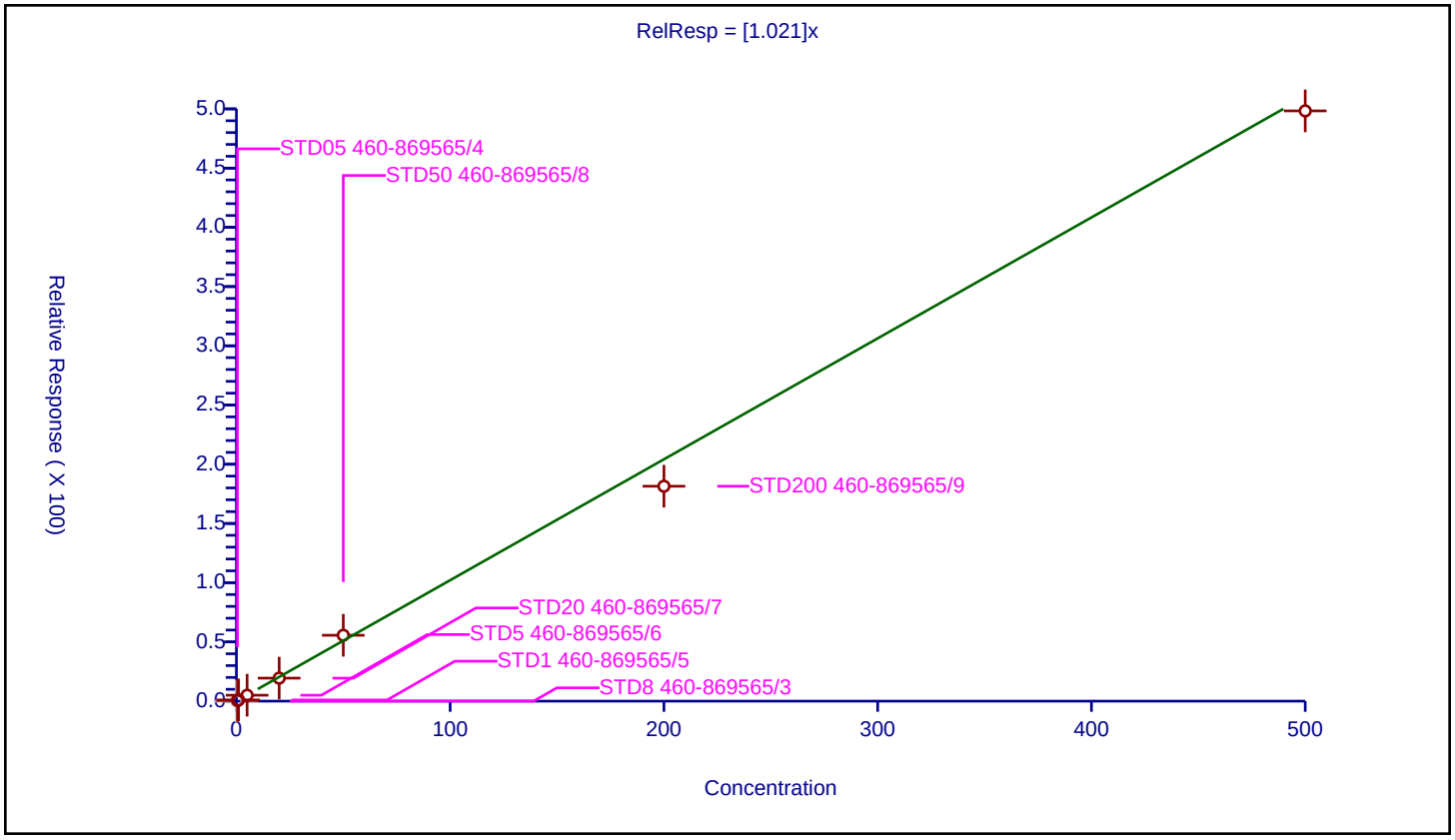
Curve Coefficients

Intercept:	0
Slope:	1.021

Error Coefficients

Standard Error:	2660000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.582813	50.0	430584.0	1.165626	Y
3	STD1 460-869565/5	1.0	0.993135	50.0	437705.0	0.993135	Y
4	STD5 460-869565/6	5.0	5.00301	50.0	441924.0	1.000602	Y
5	STD20 460-869565/7	20.0	19.406887	50.0	498421.0	0.970344	Y
6	STD50 460-869565/8	50.0	55.615049	50.0	493611.0	1.112301	Y
7	STD200 460-869565/9	200.0	181.45533	50.0	618609.0	0.907277	Y
8	STD500 460-869565/10	500.0	498.32432	50.0	610916.0	0.996649	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

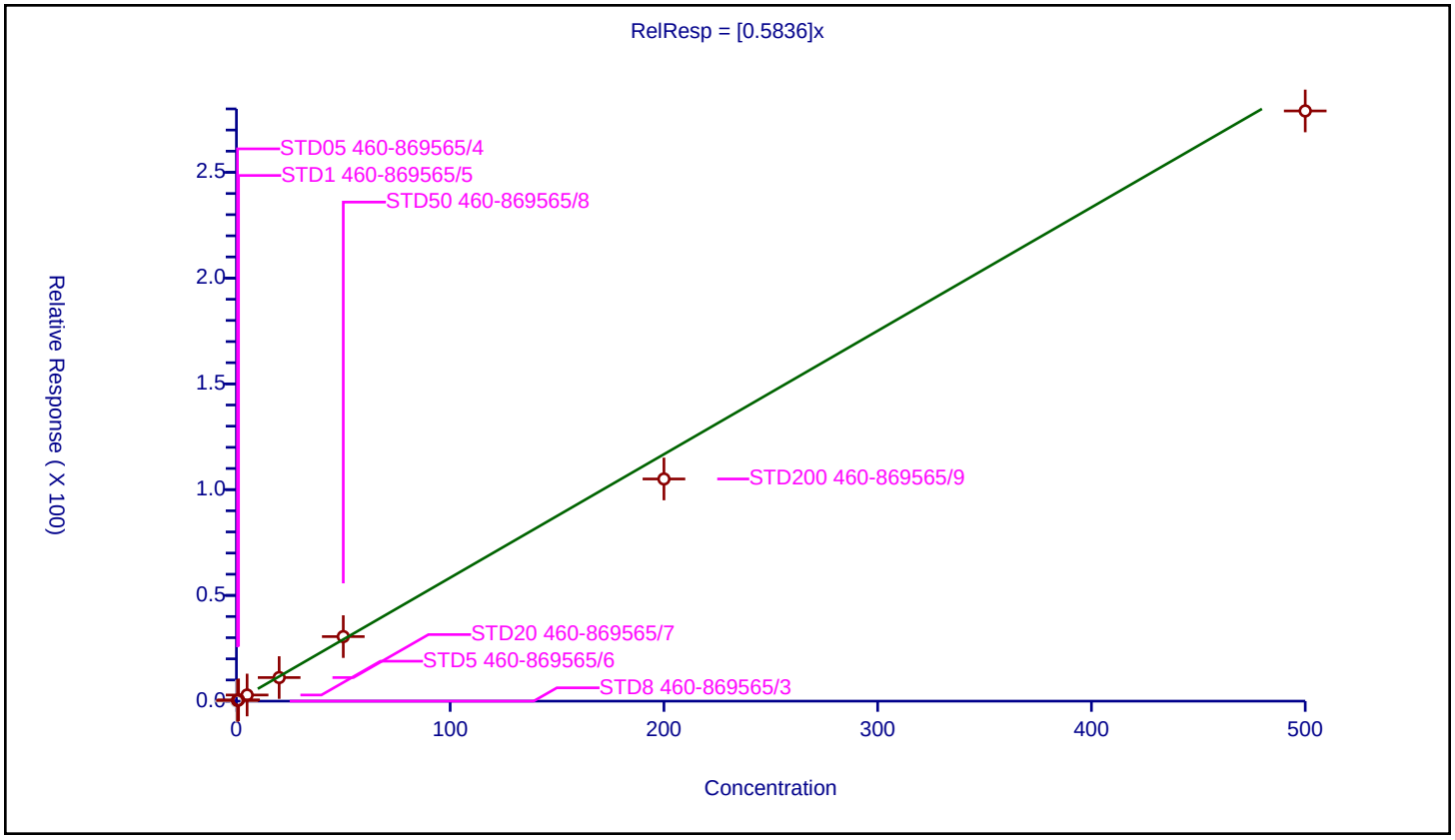
Curve Coefficients

Intercept:	0
Slope:	0.5836

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.32723	50.0	430584.0	0.65446	Y
3	STD1 460-869565/5	1.0	0.598577	50.0	437705.0	0.598577	Y
4	STD5 460-869565/6	5.0	2.907174	50.0	441924.0	0.581435	Y
5	STD20 460-869565/7	20.0	11.148407	50.0	498421.0	0.55742	Y
6	STD50 460-869565/8	50.0	30.511273	50.0	493611.0	0.610225	Y
7	STD200 460-869565/9	200.0	105.033713	50.0	618609.0	0.525169	Y
8	STD500 460-869565/10	500.0	279.033042	50.0	610916.0	0.558066	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

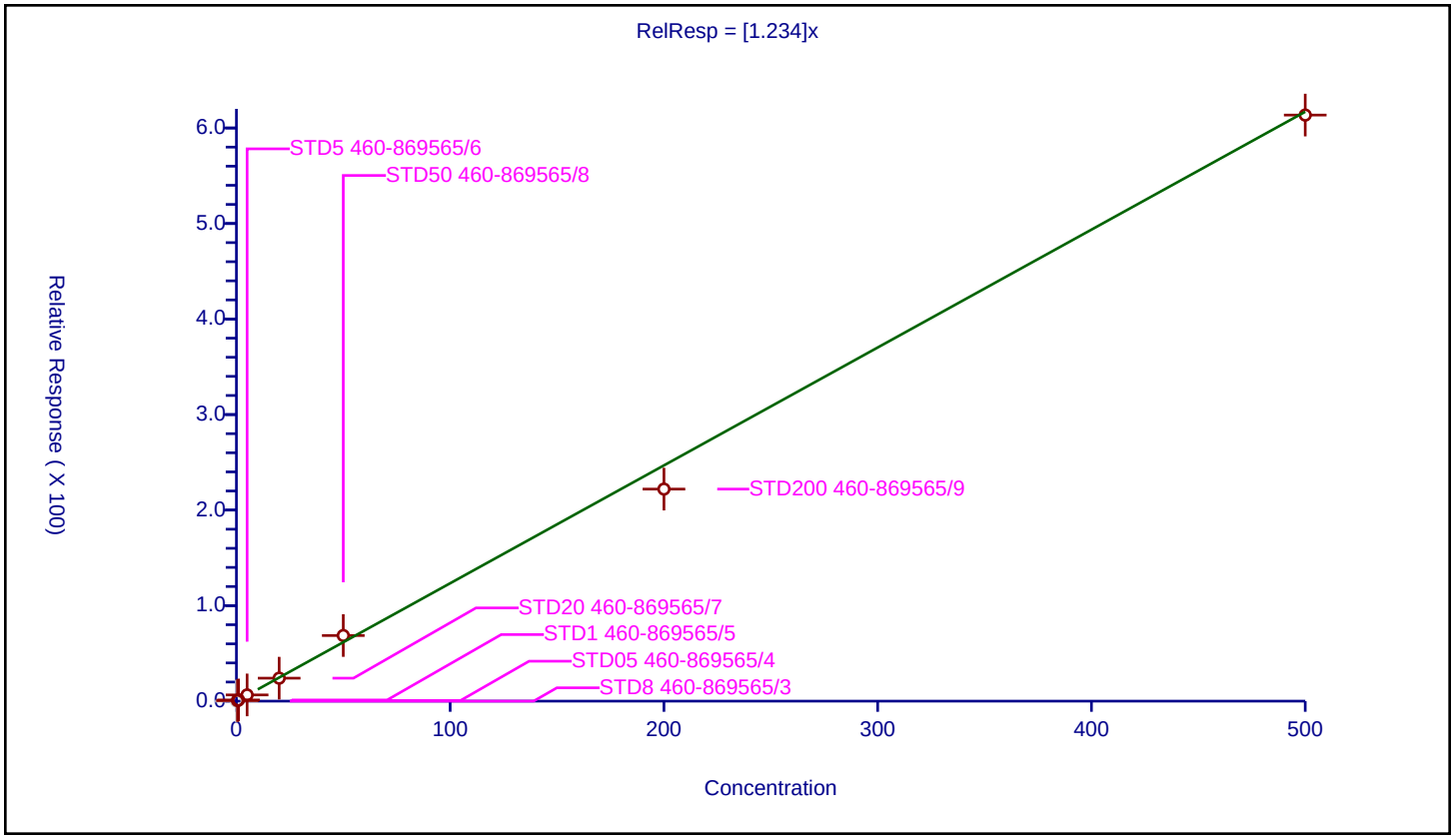
Curve Coefficients

Intercept:	0
Slope:	1.234

Error Coefficients

Standard Error:	3270000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.603018	50.0	430584.0	1.206036	Y
3	STD1 460-869565/5	1.0	1.21623	50.0	437705.0	1.21623	Y
4	STD5 460-869565/6	5.0	6.515034	50.0	441924.0	1.303007	Y
5	STD20 460-869565/7	20.0	24.038012	50.0	498421.0	1.201901	Y
6	STD50 460-869565/8	50.0	68.68364	50.0	493611.0	1.373673	Y
7	STD200 460-869565/9	200.0	221.991193	50.0	618609.0	1.109956	Y
8	STD500 460-869565/10	500.0	613.527555	50.0	610916.0	1.227055	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

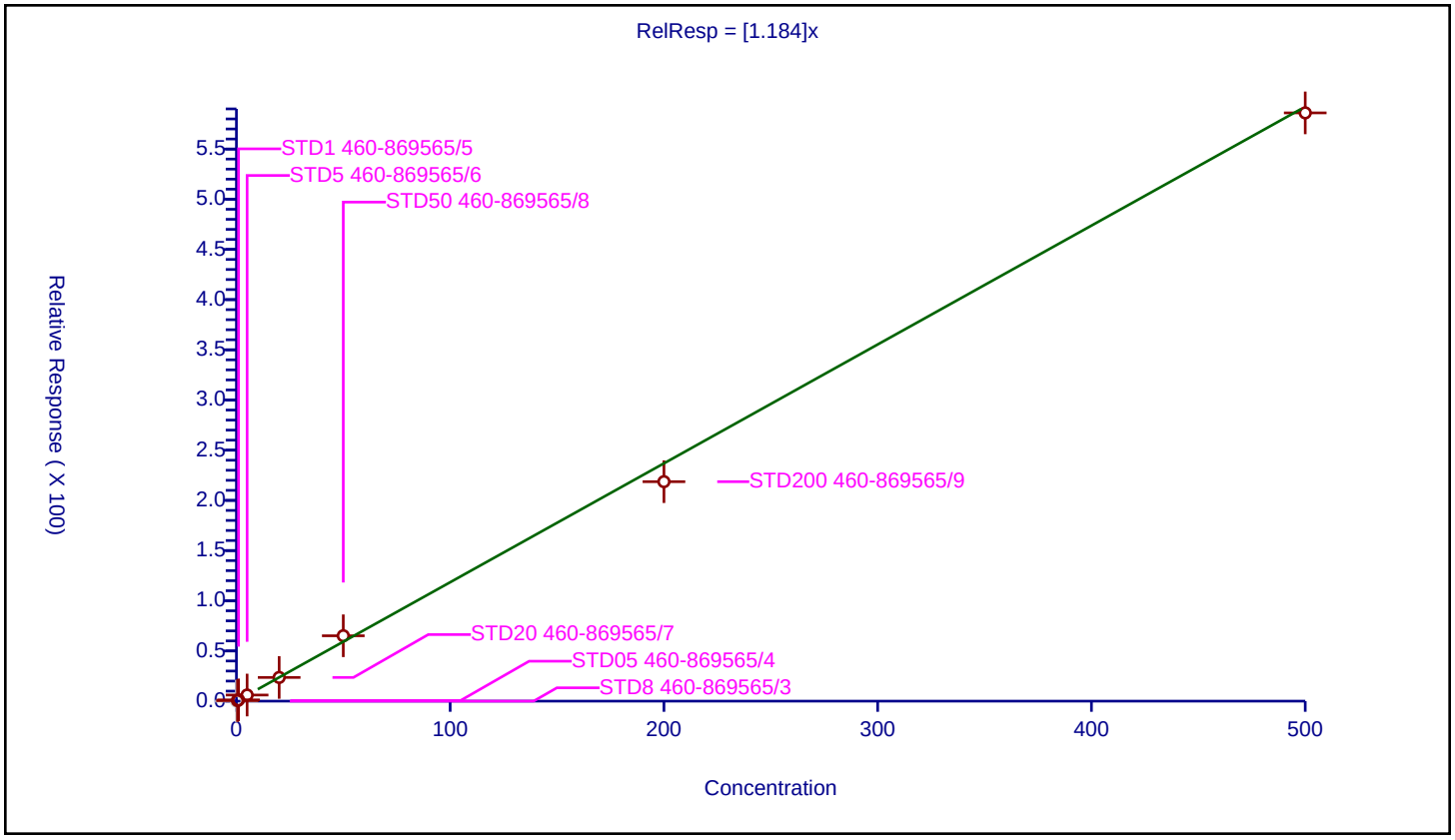
Curve Coefficients

Intercept:	0
Slope:	1.184

Error Coefficients

Standard Error:	3140000
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 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.543216	50.0	430584.0	1.086431	Y
3	STD1 460-869565/5	1.0	1.239648	50.0	437705.0	1.239648	Y
4	STD5 460-869565/6	5.0	6.081023	50.0	441924.0	1.216205	Y
5	STD20 460-869565/7	20.0	23.609158	50.0	498421.0	1.180458	Y
6	STD50 460-869565/8	50.0	65.124866	50.0	493611.0	1.302497	Y
7	STD200 460-869565/9	200.0	218.647805	50.0	618609.0	1.093239	Y
8	STD500 460-869565/10	500.0	586.030322	50.0	610916.0	1.172061	Y



Calibration / n-Butyl acrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

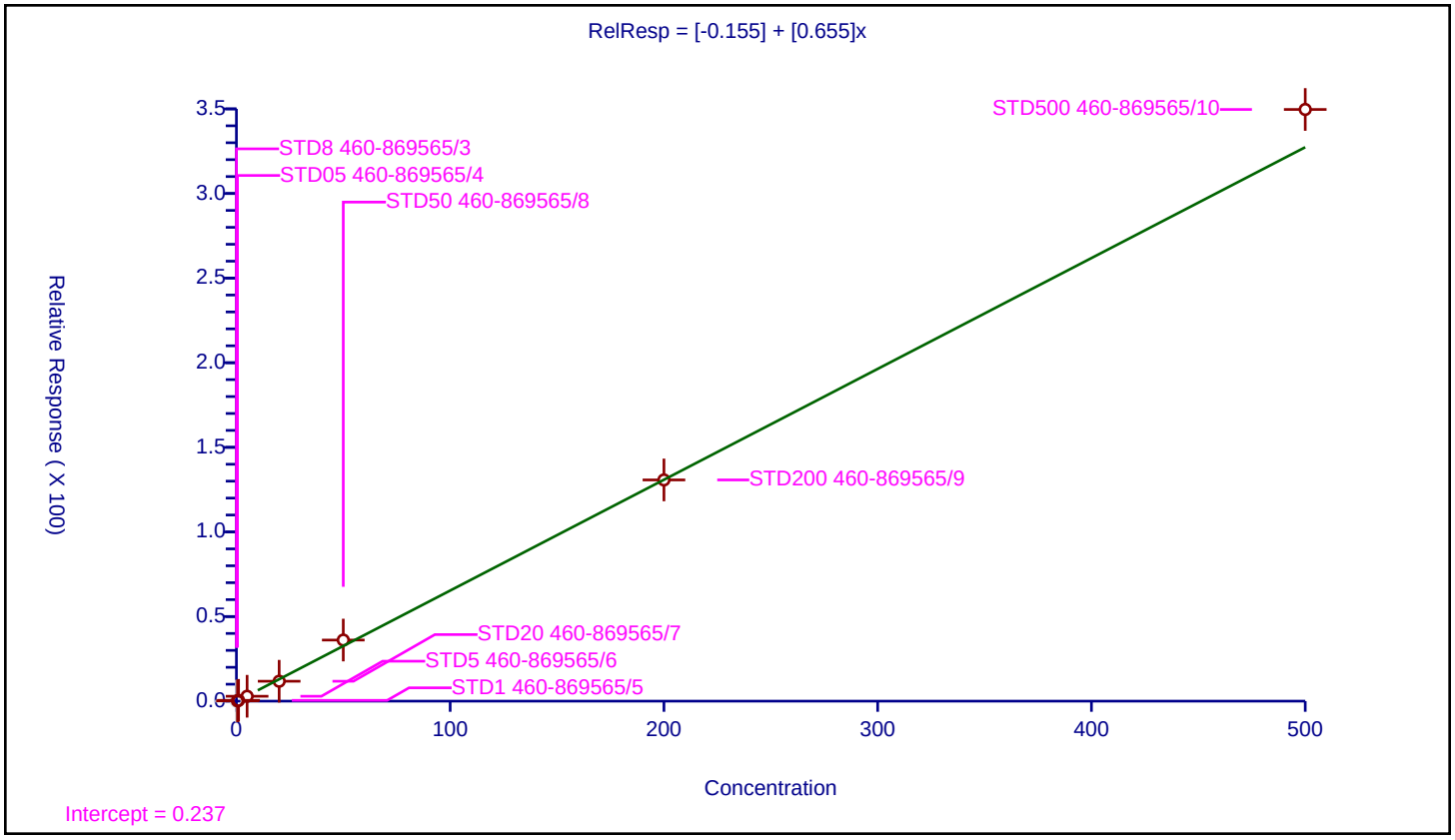
Curve Coefficients

Intercept:	-0.155
Slope:	0.655

Error Coefficients

Standard Error:	2050000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.182311	50.0	430584.0	0.364621	Y
3	STD1 460-869565/5	1.0	0.47155	50.0	437705.0	0.47155	Y
4	STD5 460-869565/6	5.0	2.889298	50.0	441924.0	0.57786	Y
5	STD20 460-869565/7	20.0	11.764853	50.0	498421.0	0.588243	Y
6	STD50 460-869565/8	50.0	36.093705	50.0	493611.0	0.721874	Y
7	STD200 460-869565/9	200.0	130.731043	50.0	618609.0	0.653655	Y
8	STD500 460-869565/10	500.0	349.648642	50.0	610916.0	0.699297	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

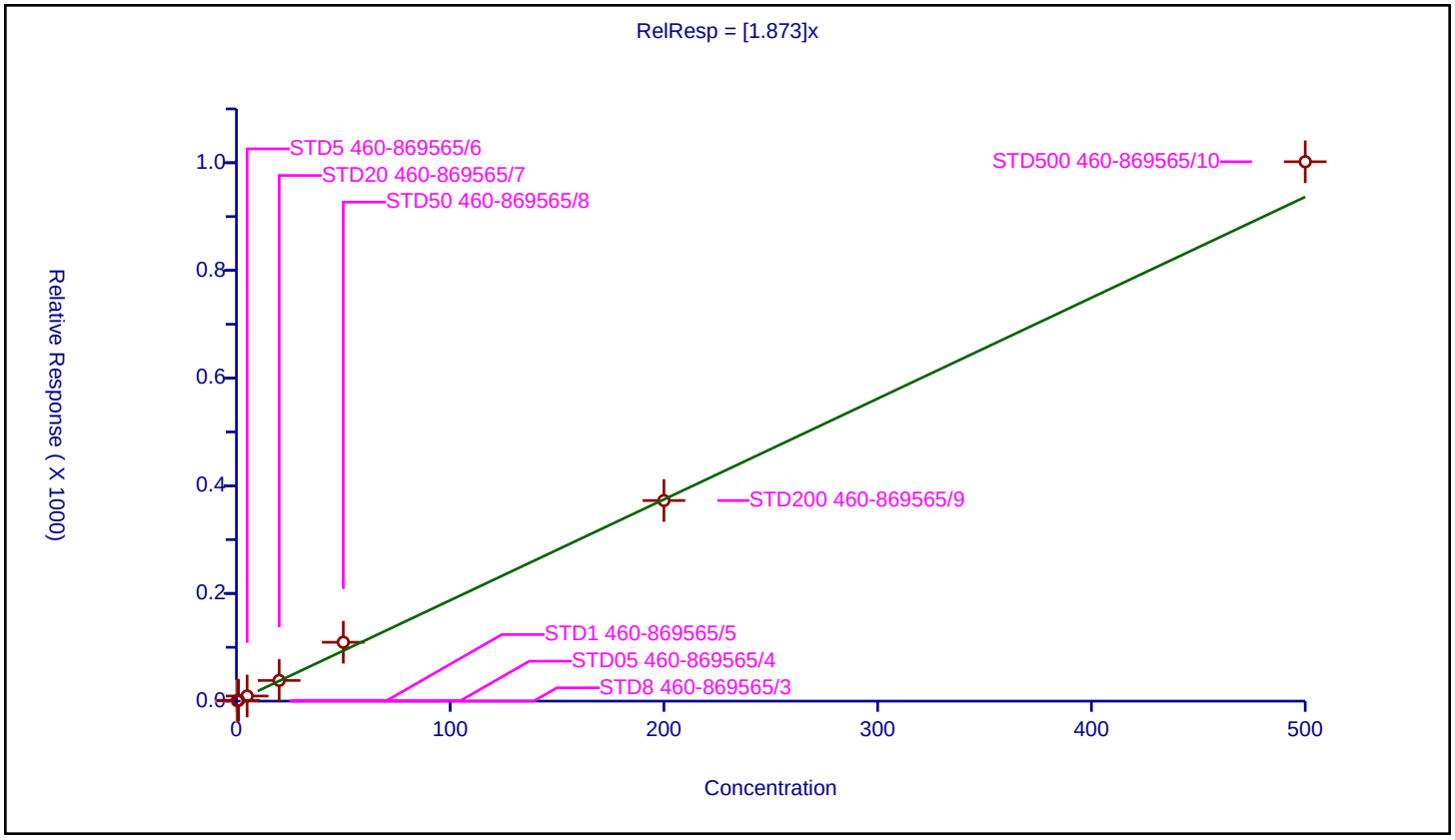
Curve Coefficients

Intercept:	0
Slope:	1.873

Error Coefficients

Standard Error:	5360000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.844667	50.0	430584.0	1.689334	Y
3	STD1 460-869565/5	1.0	1.546704	50.0	437705.0	1.546704	Y
4	STD5 460-869565/6	5.0	9.503218	50.0	441924.0	1.900644	Y
5	STD20 460-869565/7	20.0	38.41662	50.0	498421.0	1.920831	Y
6	STD50 460-869565/8	50.0	109.337008	50.0	493611.0	2.18674	Y
7	STD200 460-869565/9	200.0	372.615012	50.0	618609.0	1.863075	Y
8	STD500 460-869565/10	500.0	1001.849845	50.0	610916.0	2.0037	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

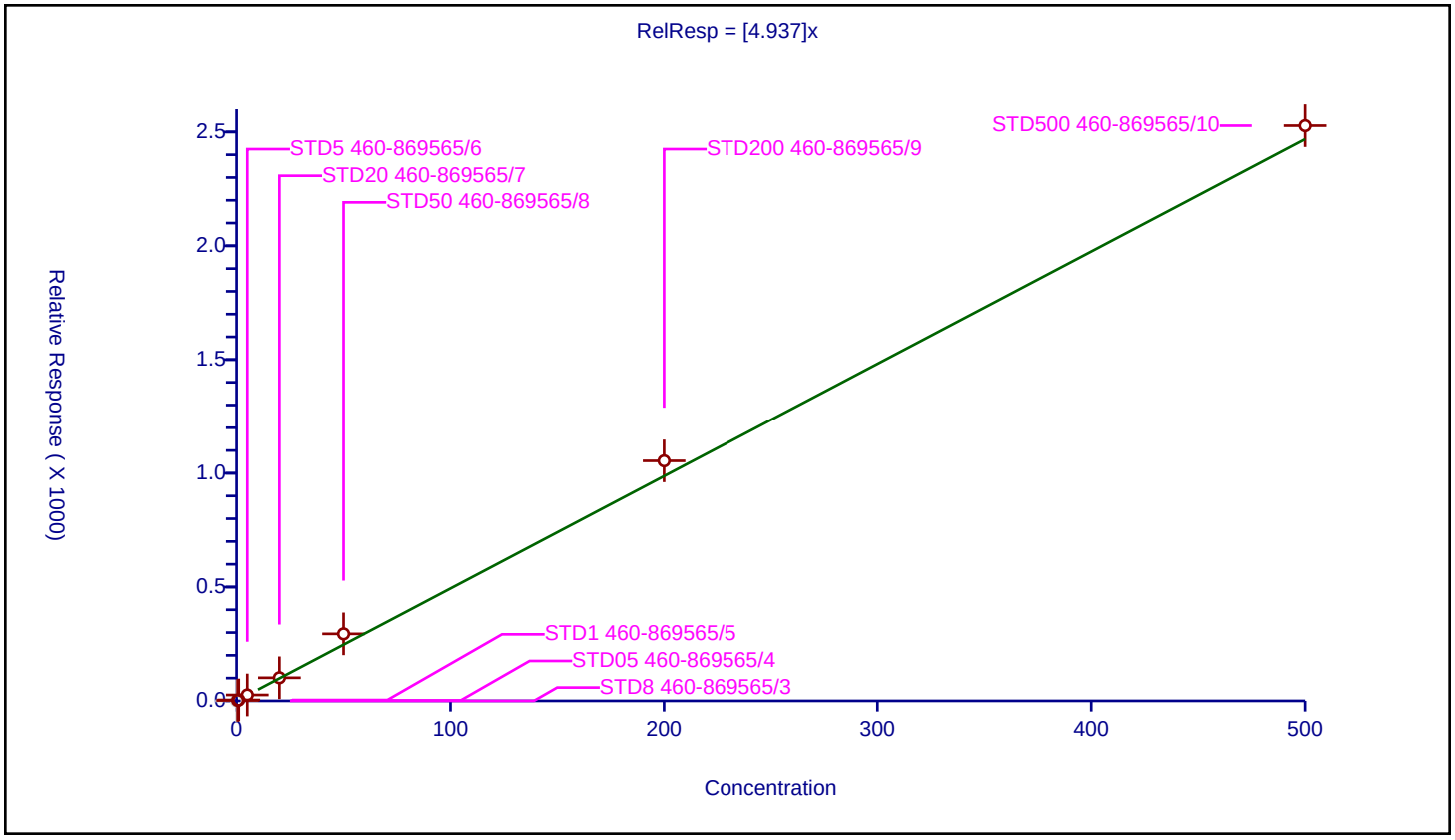
Curve Coefficients

Intercept:	0
Slope:	4.937

Error Coefficients

Standard Error:	6180000
Relative Standard Error:	13.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.029114	50.0	194888.0	4.058228	Y
3	STD1 460-869565/5	1.0	4.012745	50.0	192225.0	4.012745	Y
4	STD5 460-869565/6	5.0	26.007921	50.0	195923.0	5.201584	Y
5	STD20 460-869565/7	20.0	101.429913	50.0	219314.0	5.071496	Y
6	STD50 460-869565/8	50.0	294.378869	50.0	220187.0	5.887577	Y
7	STD200 460-869565/9	200.0	1054.511661	50.0	269956.0	5.272558	Y
8	STD500 460-869565/10	500.0	2527.80106	50.0	276324.0	5.055602	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

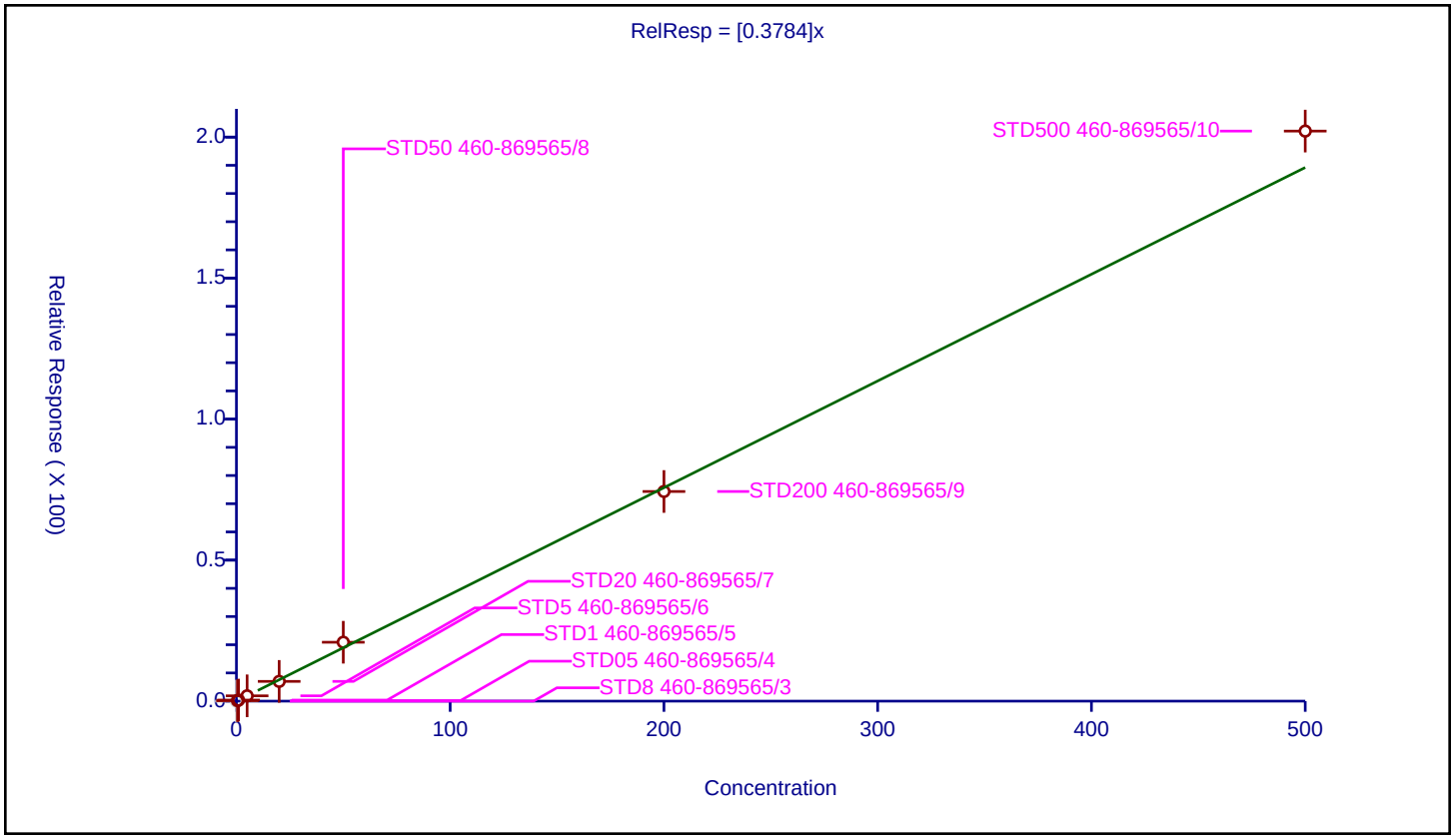
Curve Coefficients

Intercept:	0
Slope:	0.3784

Error Coefficients

Standard Error:	1080000
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	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	0.178362	50.0	430584.0	0.356725	Y
3	STD1 460-869565/5	1.0	0.372625	50.0	437705.0	0.372625	Y
4	STD5 460-869565/6	5.0	1.879735	50.0	441924.0	0.375947	Y
5	STD20 460-869565/7	20.0	7.001711	50.0	498421.0	0.350086	Y
6	STD50 460-869565/8	50.0	20.884462	50.0	493611.0	0.417689	Y
7	STD200 460-869565/9	200.0	74.334838	50.0	618609.0	0.371674	Y
8	STD500 460-869565/10	500.0	202.135645	50.0	610916.0	0.404271	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

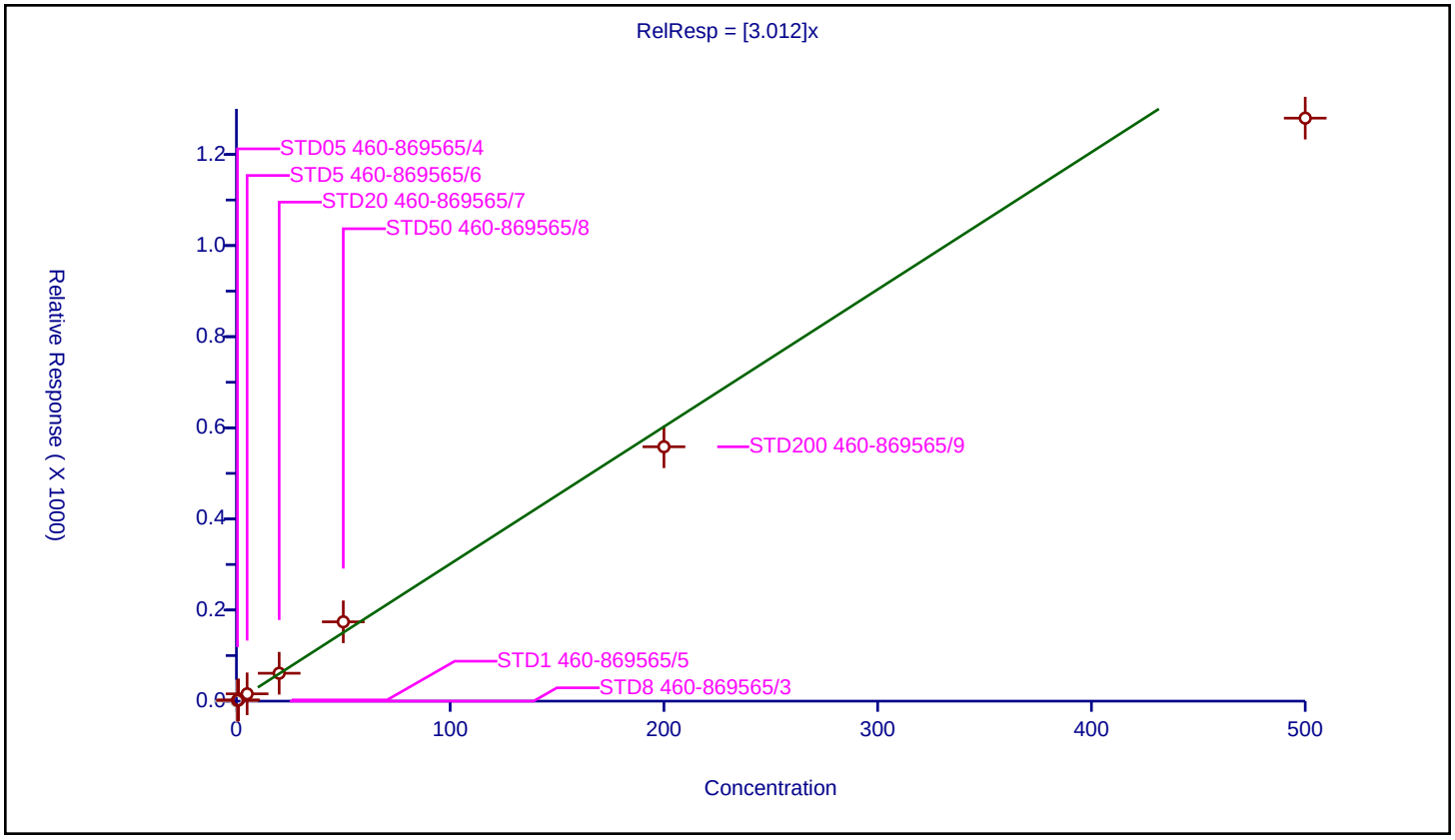
Curve Coefficients

Intercept:	0
Slope:	3.012

Error Coefficients

Standard Error:	7020000
Relative Standard Error:	11.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	487874.0	NaN	N
2	STD05 460-869565/4	0.5	1.632782	50.0	430584.0	3.265565	Y
3	STD1 460-869565/5	1.0	2.715185	50.0	437705.0	2.715185	Y
4	STD5 460-869565/6	5.0	16.046537	50.0	441924.0	3.209307	Y
5	STD20 460-869565/7	20.0	61.249426	50.0	498421.0	3.062471	Y
6	STD50 460-869565/8	50.0	174.10866	50.0	493611.0	3.482173	Y
7	STD200 460-869565/9	200.0	558.348892	50.0	618609.0	2.791744	Y
8	STD500 460-869565/10	500.0	1279.735185	50.0	610916.0	2.55947	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

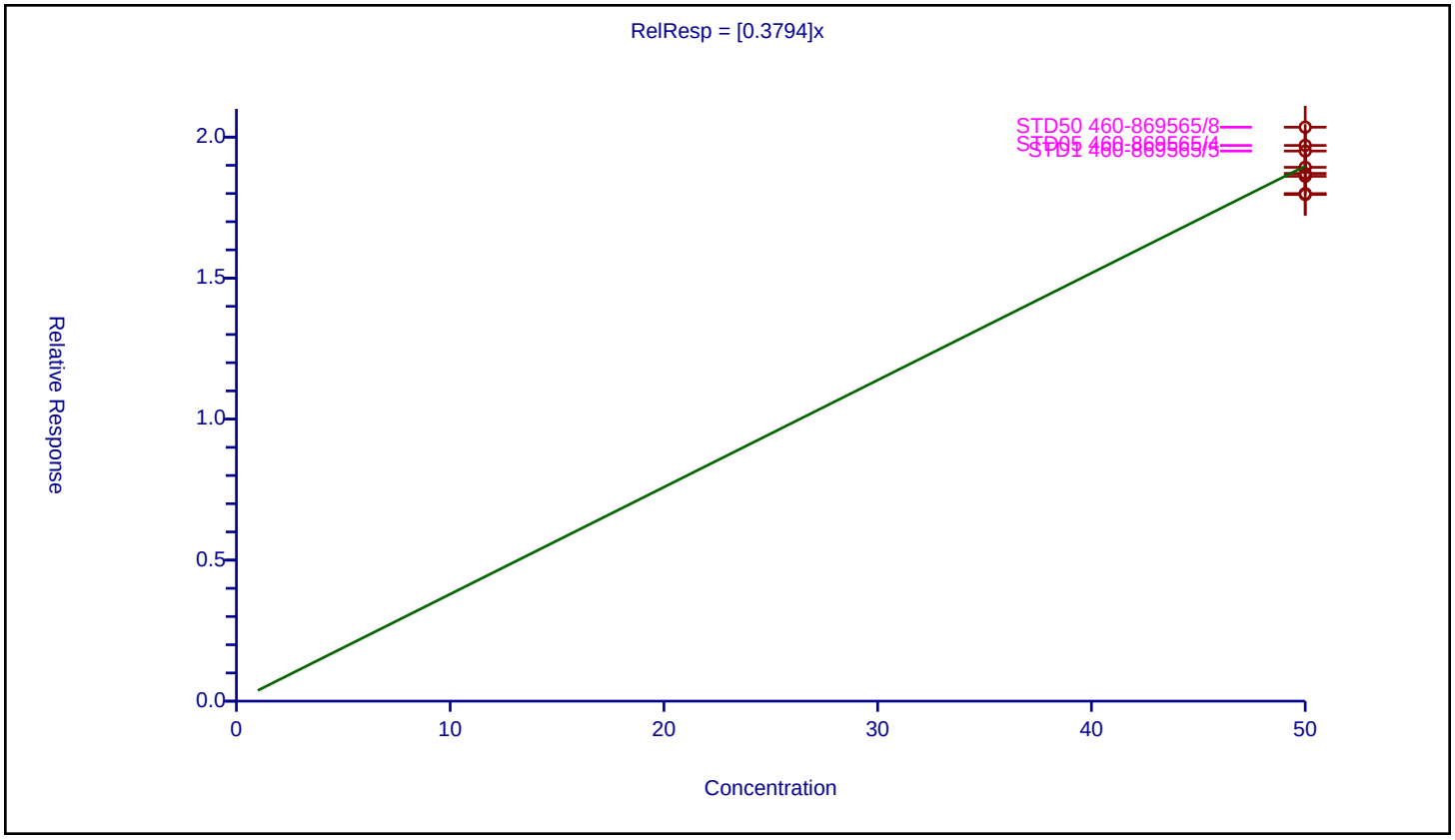
Curve Coefficients

Intercept:	0
Slope:	0.3794

Error Coefficients

Standard Error:	205000
Relative Standard Error:	4.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	50.0	18.712413	50.0	487874.0	0.374248	Y
2	STD05 460-869565/4	50.0	19.70475	50.0	430584.0	0.394095	Y
3	STD1 460-869565/5	50.0	19.506288	50.0	437705.0	0.390126	Y
4	STD5 460-869565/6	50.0	18.609535	50.0	441924.0	0.372191	Y
5	STD20 460-869565/7	50.0	17.997235	50.0	498421.0	0.359945	Y
6	STD50 460-869565/8	50.0	20.350539	50.0	493611.0	0.407011	Y
7	STD200 460-869565/9	50.0	18.929081	50.0	618609.0	0.378582	Y
8	STD500 460-869565/10	50.0	17.963599	50.0	610916.0	0.359272	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

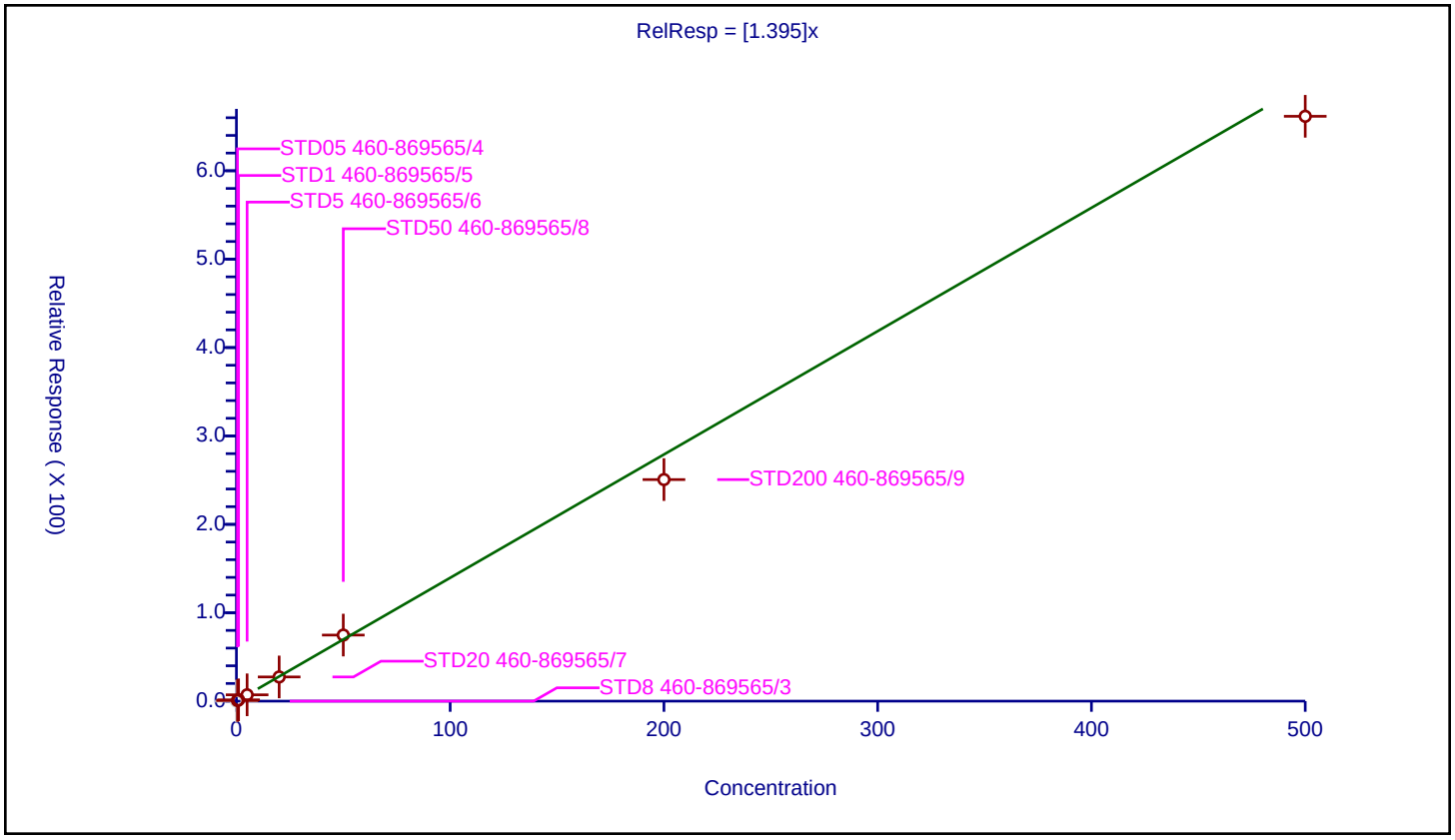
Curve Coefficients

Intercept:	0
Slope:	1.395

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.72144	50.0	194888.0	1.44288	Y
3	STD1 460-869565/5	1.0	1.450384	50.0	192225.0	1.450384	Y
4	STD5 460-869565/6	5.0	7.168633	50.0	195923.0	1.433727	Y
5	STD20 460-869565/7	20.0	27.373765	50.0	219314.0	1.368688	Y
6	STD50 460-869565/8	50.0	74.72898	50.0	220187.0	1.49458	Y
7	STD200 460-869565/9	200.0	250.634177	50.0	269956.0	1.253171	Y
8	STD500 460-869565/10	500.0	661.627654	50.0	276324.0	1.323255	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

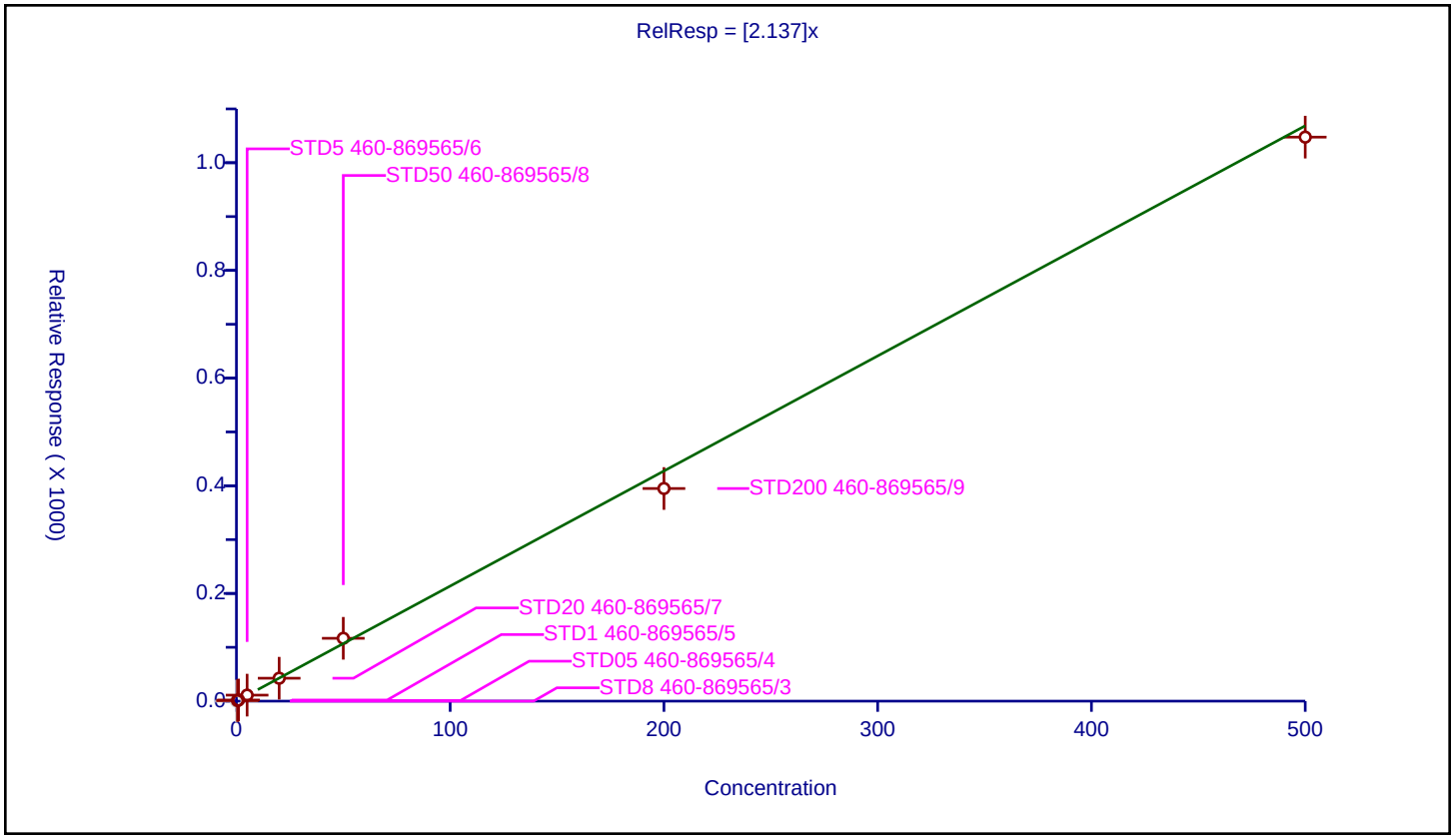
Curve Coefficients

Intercept:	0
Slope:	2.137

Error Coefficients

Standard Error:	2530000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	1.060353	50.0	194888.0	2.120705	Y
3	STD1 460-869565/5	1.0	2.077253	50.0	192225.0	2.077253	Y
4	STD5 460-869565/6	5.0	11.156424	50.0	195923.0	2.231285	Y
5	STD20 460-869565/7	20.0	42.551775	50.0	219314.0	2.127589	Y
6	STD50 460-869565/8	50.0	116.714202	50.0	220187.0	2.334284	Y
7	STD200 460-869565/9	200.0	394.950473	50.0	269956.0	1.974752	Y
8	STD500 460-869565/10	500.0	1047.542016	50.0	276324.0	2.095084	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

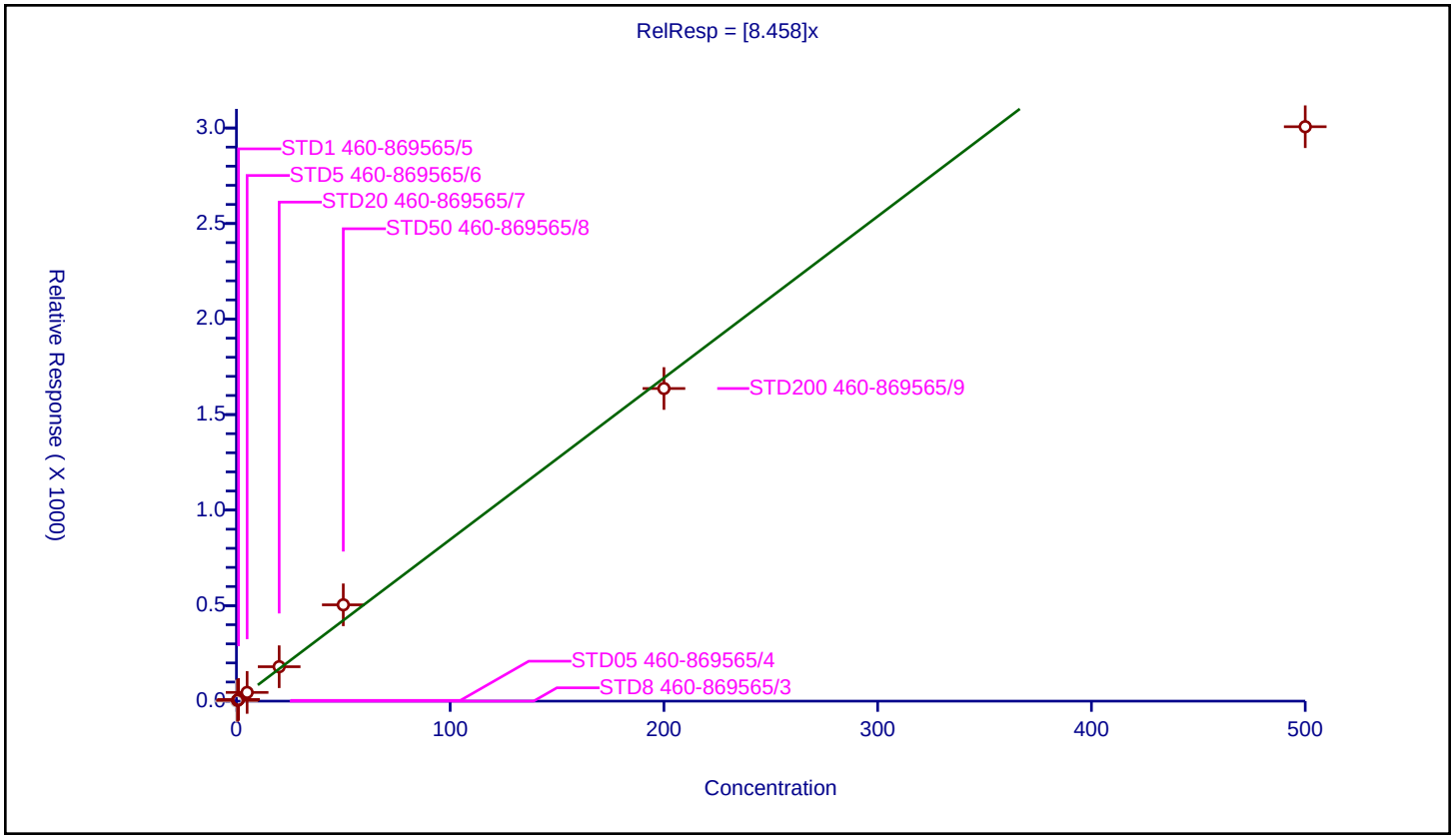
Curve Coefficients

Intercept:	0
Slope:	8.458

Error Coefficients

Standard Error:	7740000
Relative Standard Error:	15.0
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	4.036677	50.0	194888.0	8.073355	Y
3	STD1 460-869565/5	1.0	8.71999	50.0	192225.0	8.71999	Y
4	STD5 460-869565/6	5.0	45.632213	50.0	195923.0	9.126443	Y
5	STD20 460-869565/7	20.0	180.200306	50.0	219314.0	9.010015	Y
6	STD50 460-869565/8	50.0	504.194616	50.0	220187.0	10.083892	Y
7	STD200 460-869565/9	200.0	1636.407229	50.0	269956.0	8.182036	Y
8	STD500 460-869565/10	500.0	3006.72761	50.0	276324.0	6.013455	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

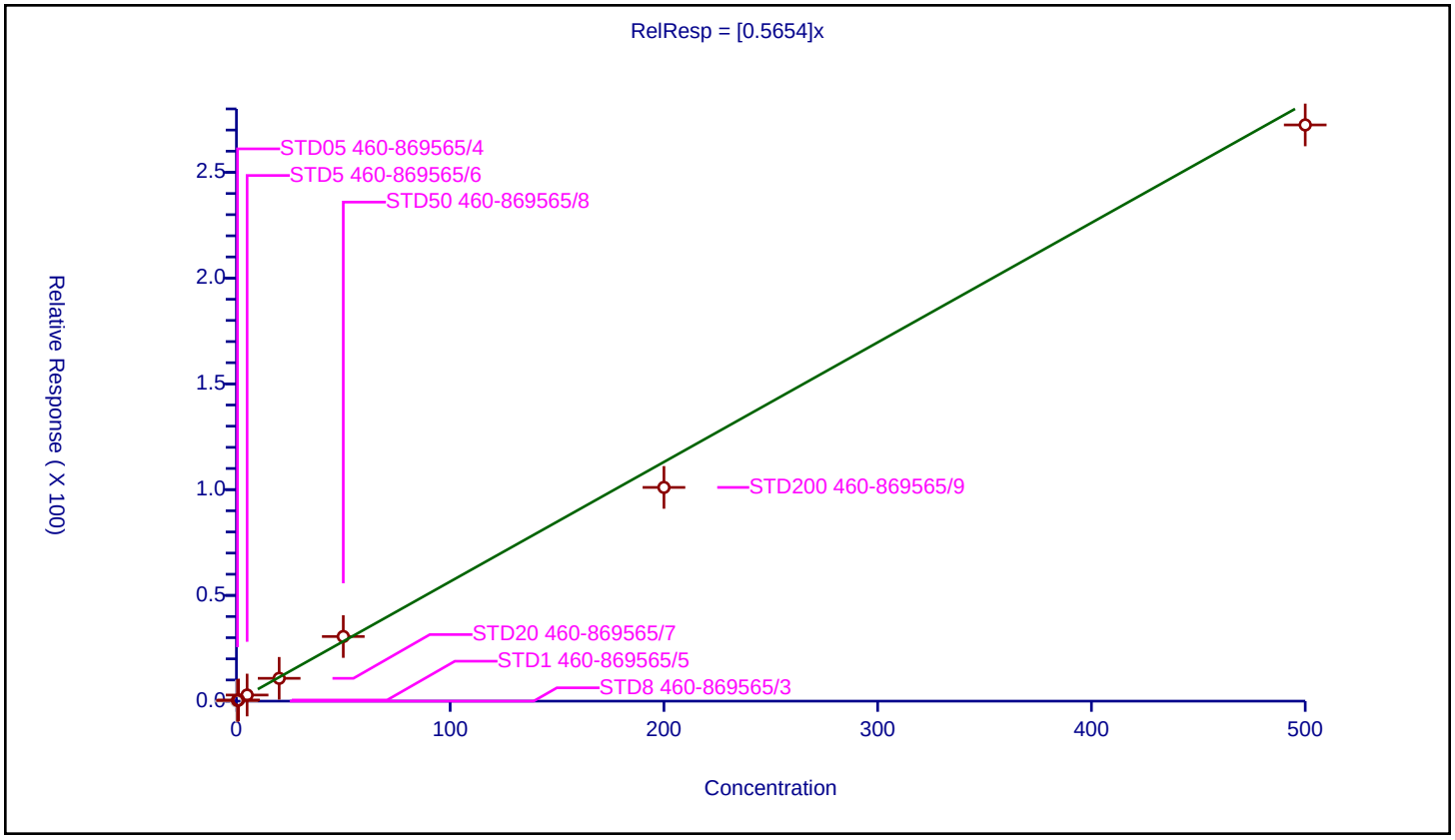
Curve Coefficients

Intercept:	0
Slope:	0.5654

Error Coefficients

Standard Error:	656000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.319158	50.0	194888.0	0.638315	Y
3	STD1 460-869565/5	1.0	0.540512	50.0	192225.0	0.540512	Y
4	STD5 460-869565/6	5.0	2.890676	50.0	195923.0	0.578135	Y
5	STD20 460-869565/7	20.0	10.790237	50.0	219314.0	0.539512	Y
6	STD50 460-869565/8	50.0	30.552212	50.0	220187.0	0.611044	Y
7	STD200 460-869565/9	200.0	101.040725	50.0	269956.0	0.505204	Y
8	STD500 460-869565/10	500.0	272.422953	50.0	276324.0	0.544846	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

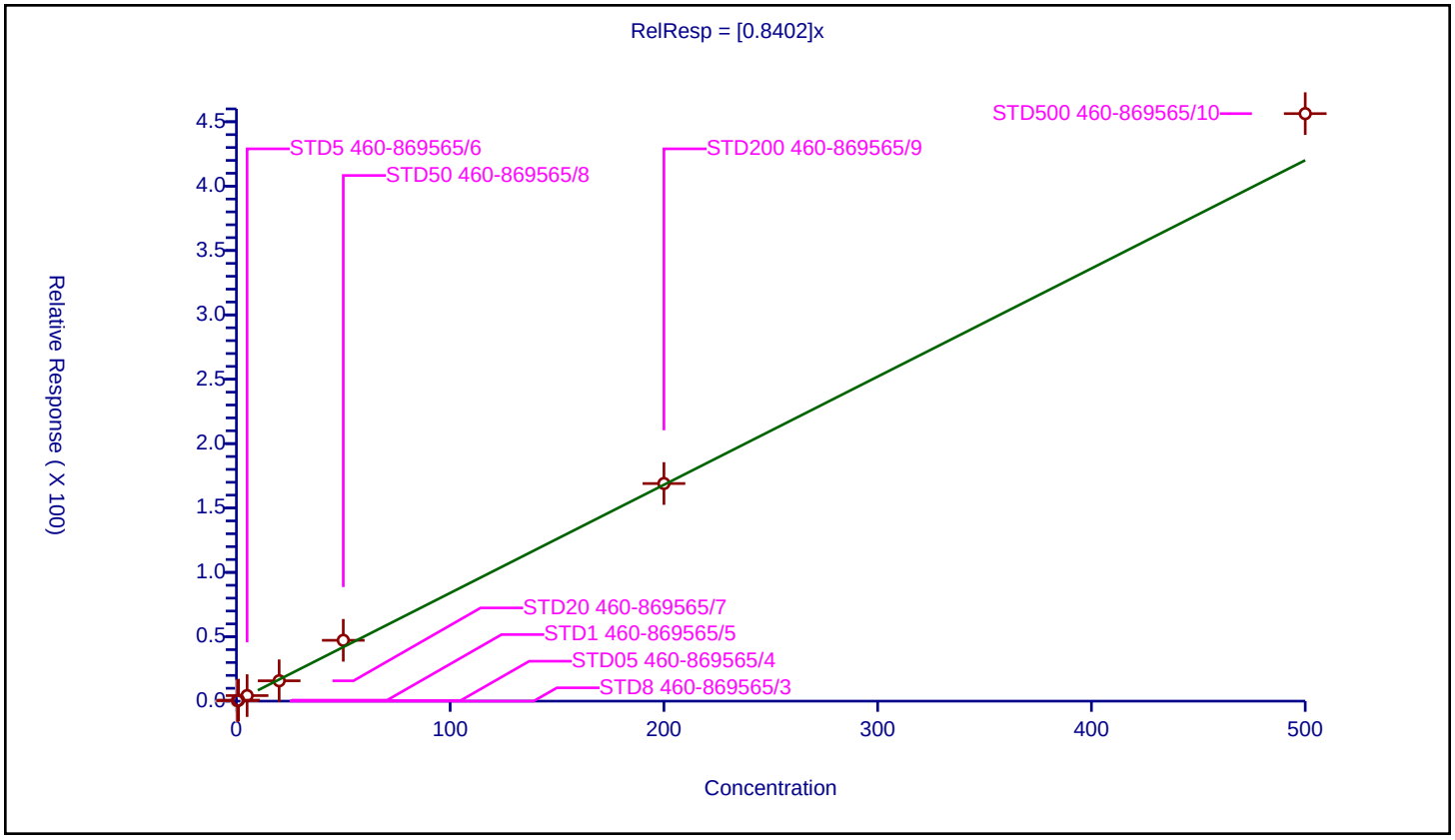
Curve Coefficients

Intercept:	0
Slope:	0.8402

Error Coefficients

Standard Error:	1100000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.379449	50.0	194888.0	0.758897	Y
3	STD1 460-869565/5	1.0	0.76629	50.0	192225.0	0.76629	Y
4	STD5 460-869565/6	5.0	4.31394	50.0	195923.0	0.862788	Y
5	STD20 460-869565/7	20.0	15.809524	50.0	219314.0	0.790476	Y
6	STD50 460-869565/8	50.0	47.254152	50.0	220187.0	0.945083	Y
7	STD200 460-869565/9	200.0	169.023285	50.0	269956.0	0.845116	Y
8	STD500 460-869565/10	500.0	456.313965	50.0	276324.0	0.912628	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

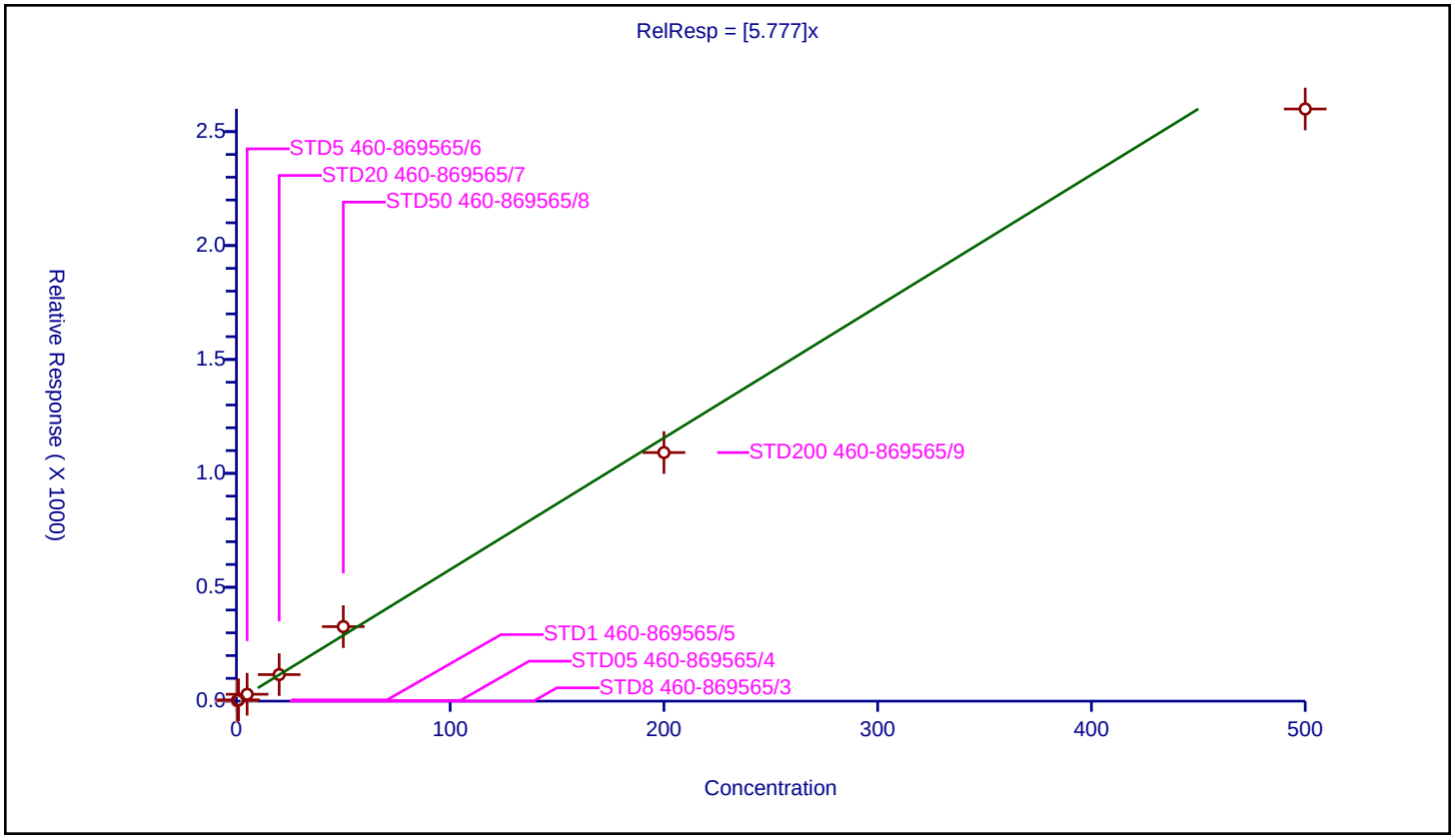
Curve Coefficients

Intercept:	0
Slope:	5.777

Error Coefficients

Standard Error:	6370000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.839067	50.0	194888.0	5.678133	Y
3	STD1 460-869565/5	1.0	5.700091	50.0	192225.0	5.700091	Y
4	STD5 460-869565/6	5.0	30.202937	50.0	195923.0	6.040587	Y
5	STD20 460-869565/7	20.0	116.523341	50.0	219314.0	5.826167	Y
6	STD50 460-869565/8	50.0	327.064495	50.0	220187.0	6.54129	Y
7	STD200 460-869565/9	200.0	1091.28858	50.0	269956.0	5.456443	Y
8	STD500 460-869565/10	500.0	2599.522843	50.0	276324.0	5.199046	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

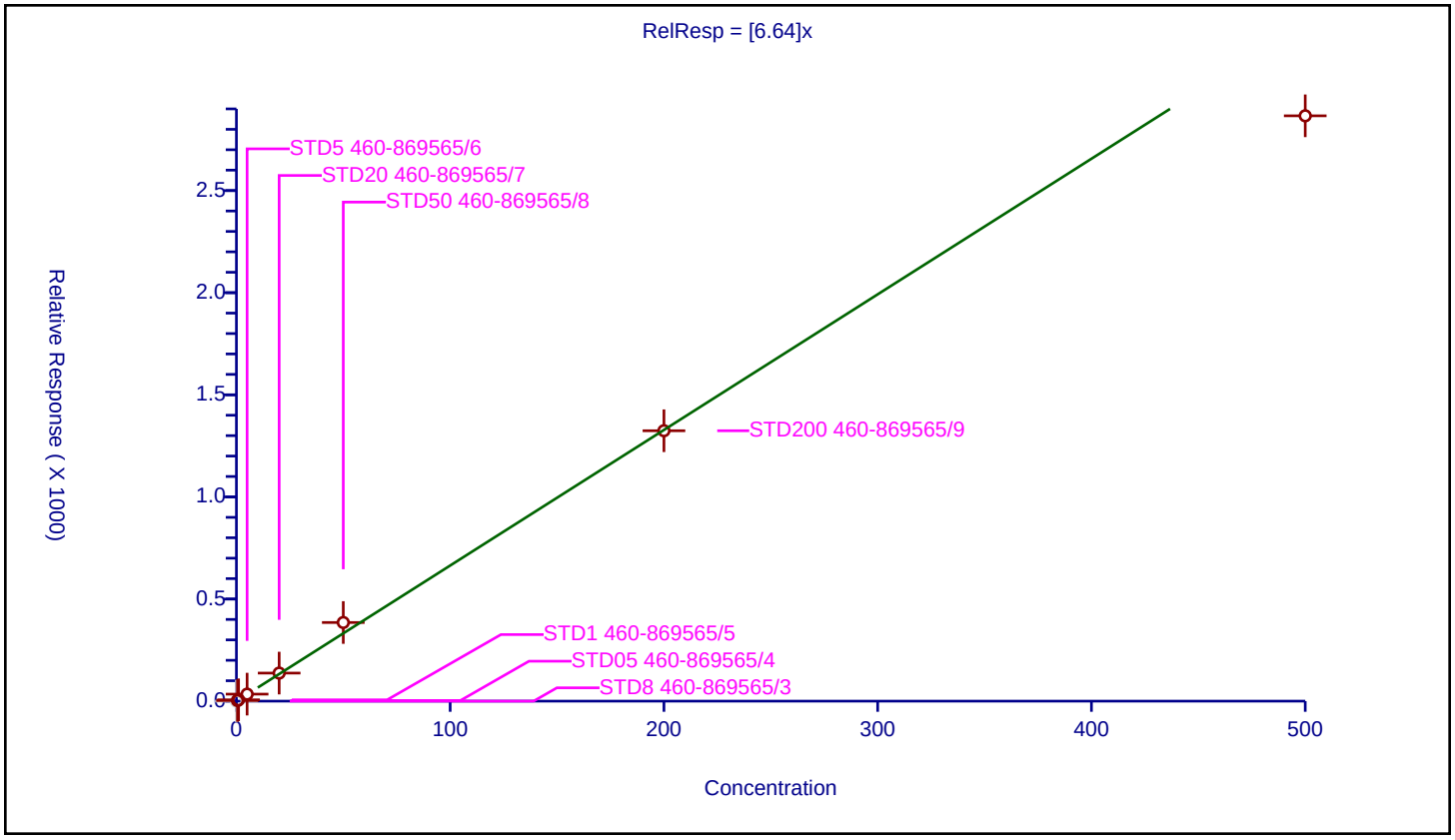
Curve Coefficients

Intercept:	0
Slope:	6.64

Error Coefficients

Standard Error:	7130000
Relative Standard Error:	9.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	3.117945	50.0	194888.0	6.235889	Y
3	STD1 460-869565/5	1.0	6.447392	50.0	192225.0	6.447392	Y
4	STD5 460-869565/6	5.0	34.33798	50.0	195923.0	6.867596	Y
5	STD20 460-869565/7	20.0	137.4226	50.0	219314.0	6.87113	Y
6	STD50 460-869565/8	50.0	385.098121	50.0	220187.0	7.701962	Y
7	STD200 460-869565/9	200.0	1324.080961	50.0	269956.0	6.620405	Y
8	STD500 460-869565/10	500.0	2866.084741	50.0	276324.0	5.732169	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

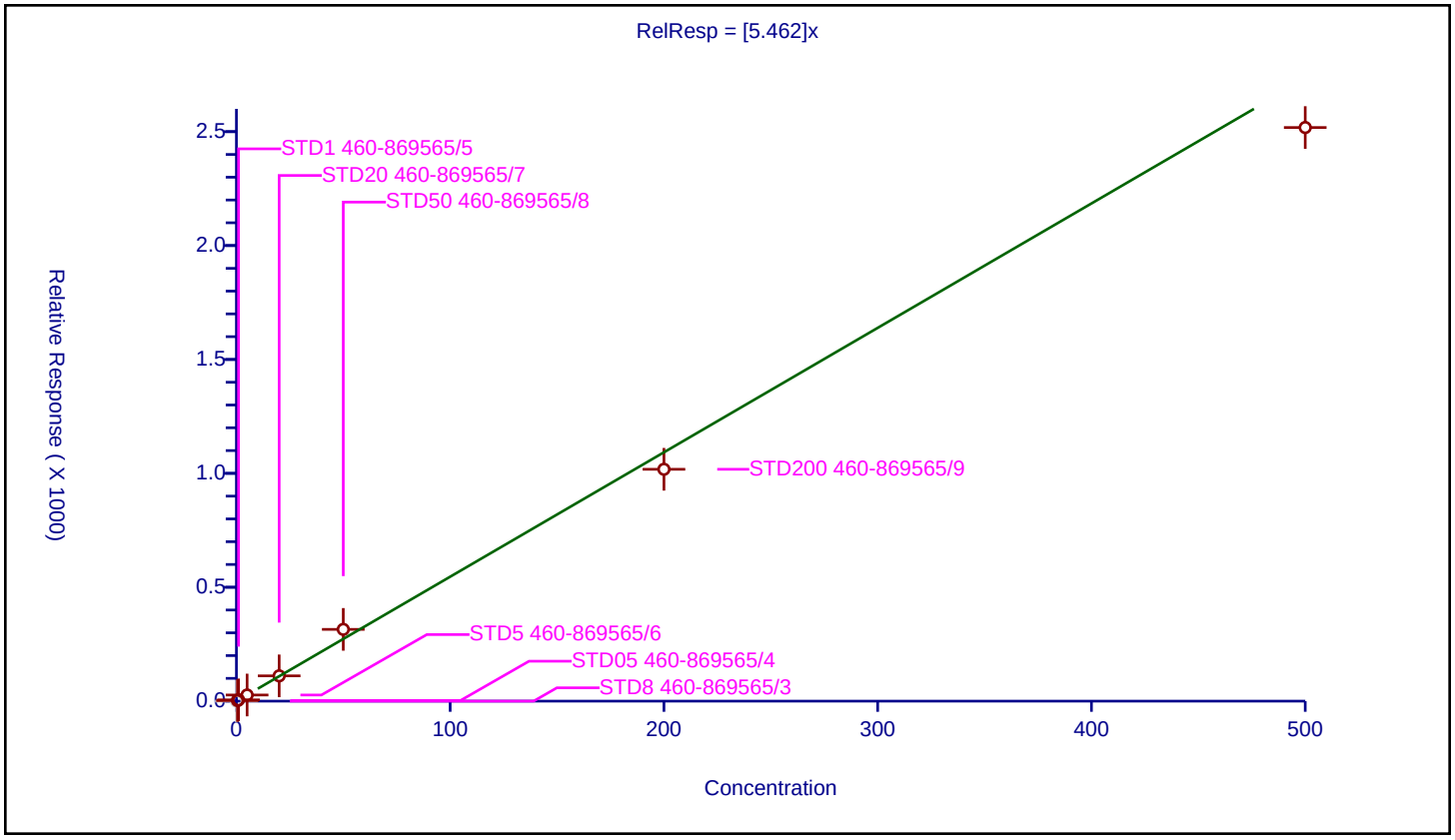
Curve Coefficients

Intercept:	0
Slope:	5.462

Error Coefficients

Standard Error:	6140000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.672048	50.0	194888.0	5.344095	Y
3	STD1 460-869565/5	1.0	5.532839	50.0	192225.0	5.532839	Y
4	STD5 460-869565/6	5.0	26.899088	50.0	195923.0	5.379818	Y
5	STD20 460-869565/7	20.0	111.017081	50.0	219314.0	5.550854	Y
6	STD50 460-869565/8	50.0	315.068555	50.0	220187.0	6.301371	Y
7	STD200 460-869565/9	200.0	1017.878099	50.0	269956.0	5.08939	Y
8	STD500 460-869565/10	500.0	2518.099405	50.0	276324.0	5.036199	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

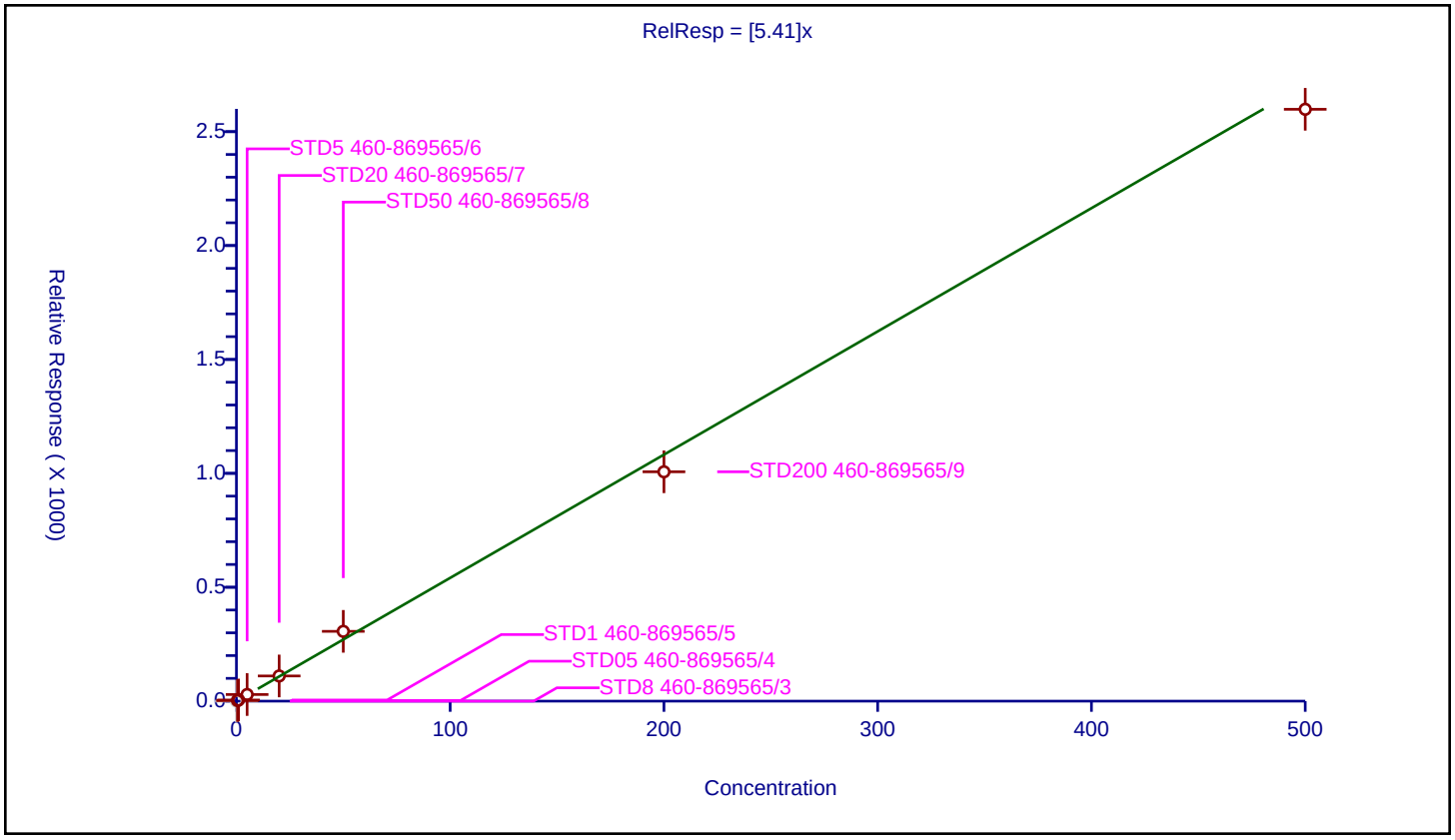
Curve Coefficients

Intercept:	0
Slope:	5.41

Error Coefficients

Standard Error:	6290000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.578917	50.0	194888.0	5.157834	Y
3	STD1 460-869565/5	1.0	5.012876	50.0	192225.0	5.012876	Y
4	STD5 460-869565/6	5.0	29.085406	50.0	195923.0	5.817081	Y
5	STD20 460-869565/7	20.0	110.510501	50.0	219314.0	5.525525	Y
6	STD50 460-869565/8	50.0	306.432714	50.0	220187.0	6.128654	Y
7	STD200 460-869565/9	200.0	1006.839633	50.0	269956.0	5.034198	Y
8	STD500 460-869565/10	500.0	2598.283356	50.0	276324.0	5.196567	Y



Calibration / Butyl Methacrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

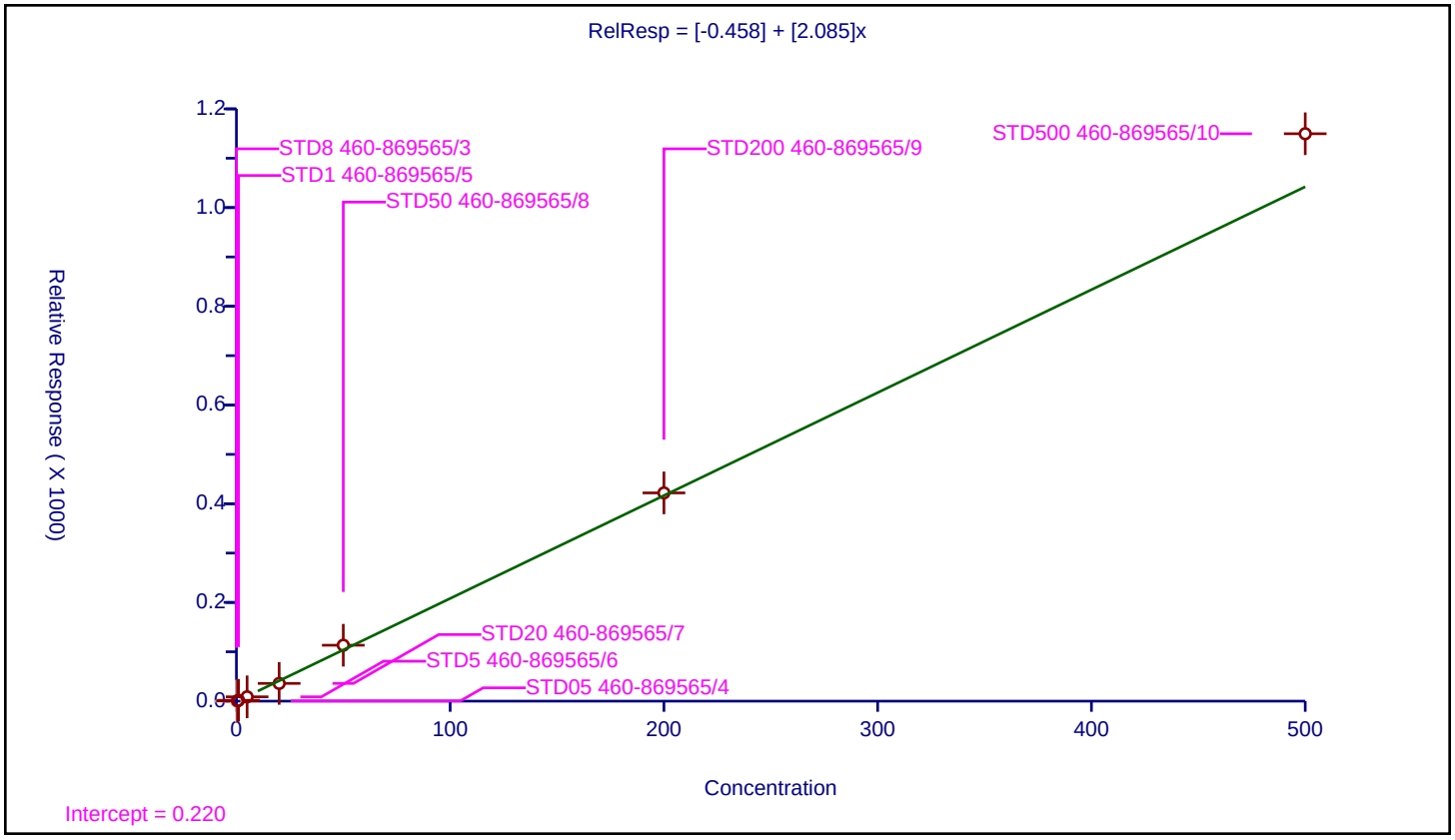
Curve Coefficients

Intercept:	-0.458
Slope:	2.085

Error Coefficients

Standard Error:	3030000
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	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.578024	50.0	194888.0	1.156049	Y
3	STD1 460-869565/5	1.0	1.709975	50.0	192225.0	1.709975	Y
4	STD5 460-869565/6	5.0	8.791209	50.0	195923.0	1.758242	Y
5	STD20 460-869565/7	20.0	35.935006	50.0	219314.0	1.79675	Y
6	STD50 460-869565/8	50.0	113.318452	50.0	220187.0	2.266369	Y
7	STD200 460-869565/9	200.0	421.92987	50.0	269956.0	2.109649	Y
8	STD500 460-869565/10	500.0	1149.659096	50.0	276324.0	2.299318	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

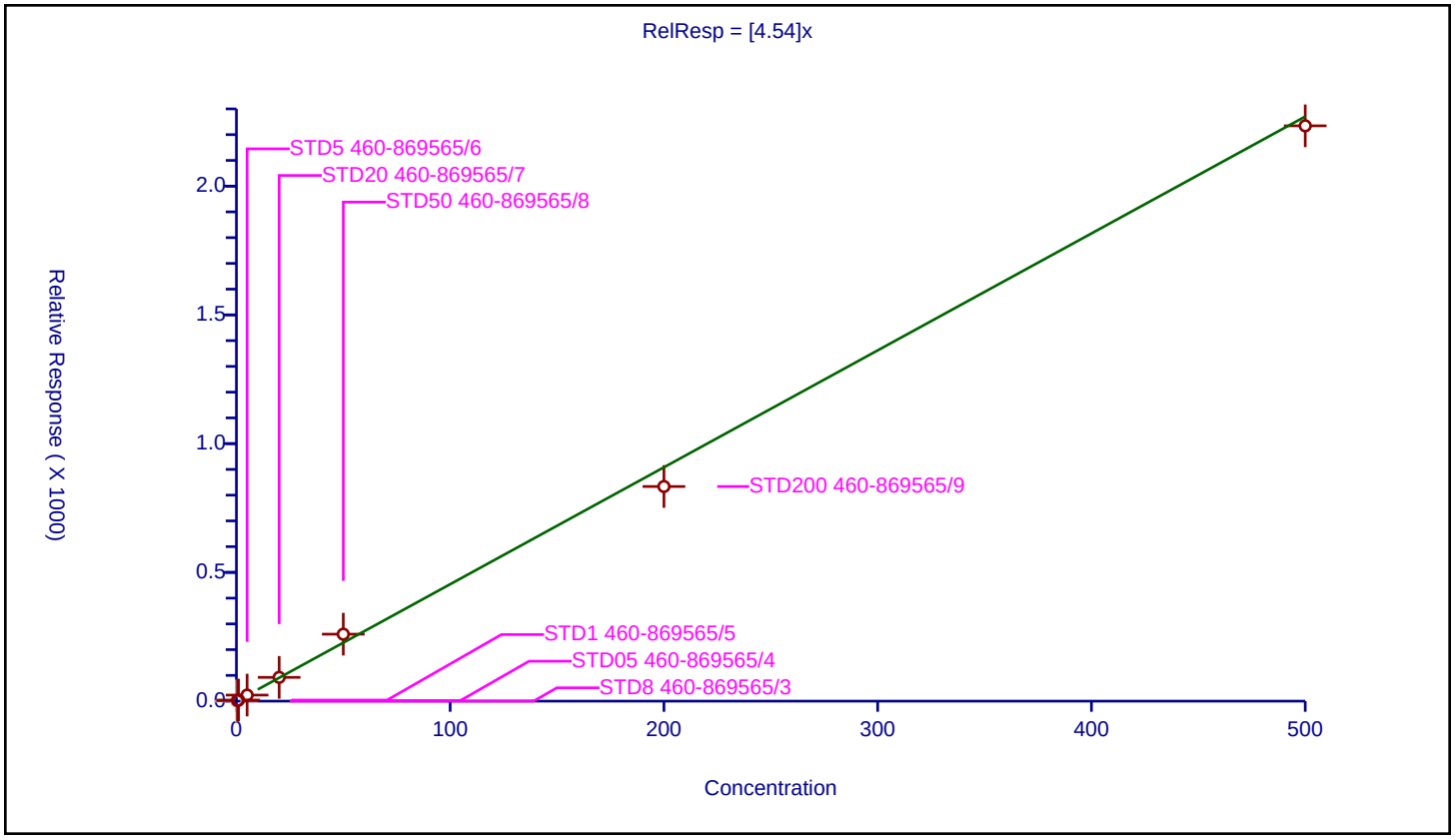
Curve Coefficients

Intercept:	0
Slope:	4.54

Error Coefficients

Standard Error:	5390000
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	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.20306	50.0	194888.0	4.40612	Y
3	STD1 460-869565/5	1.0	4.20965	50.0	192225.0	4.20965	Y
4	STD5 460-869565/6	5.0	23.554407	50.0	195923.0	4.710881	Y
5	STD20 460-869565/7	20.0	92.361409	50.0	219314.0	4.61807	Y
6	STD50 460-869565/8	50.0	260.129572	50.0	220187.0	5.202591	Y
7	STD200 460-869565/9	200.0	833.539169	50.0	269956.0	4.167696	Y
8	STD500 460-869565/10	500.0	2234.221602	50.0	276324.0	4.468443	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

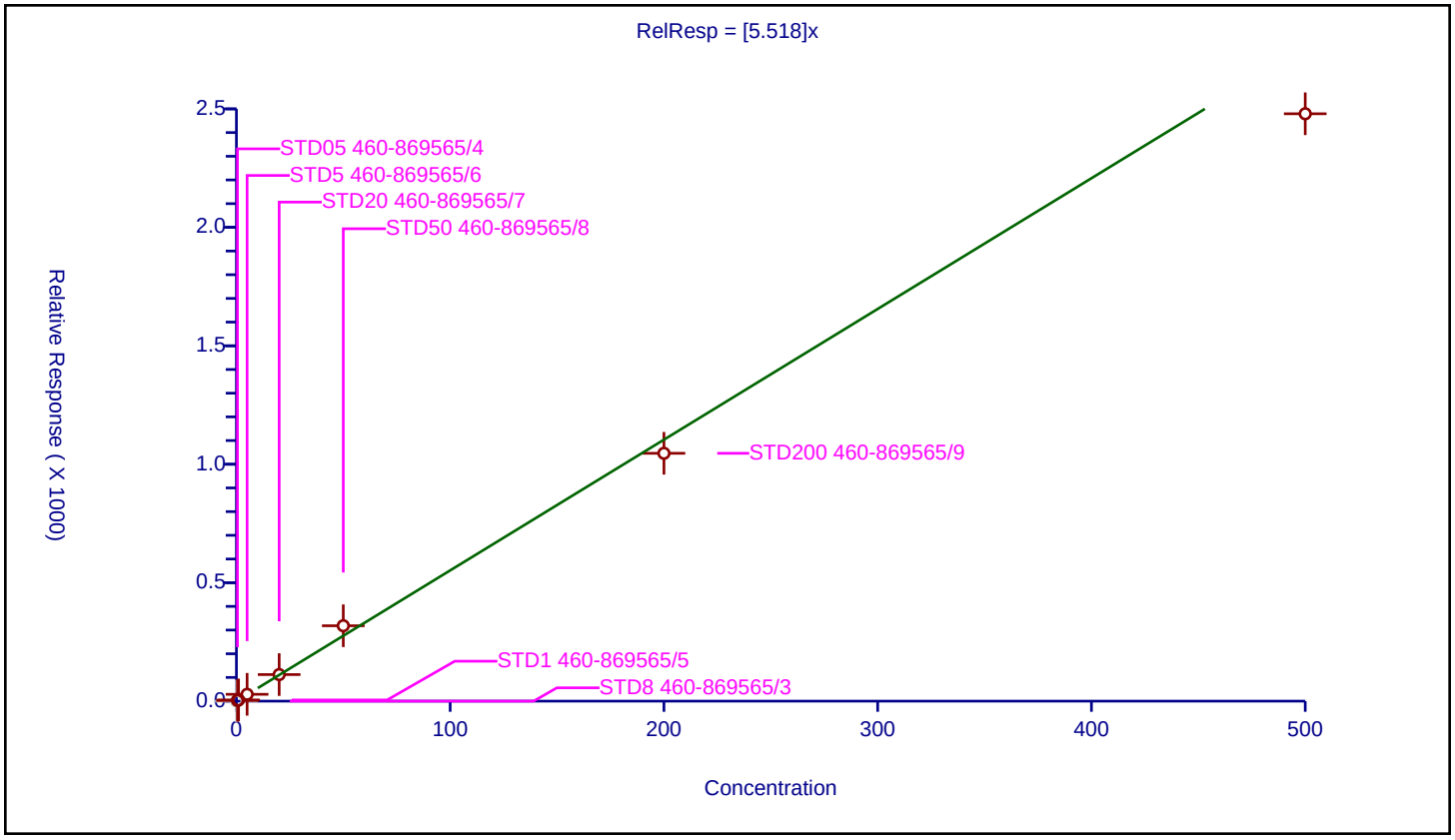
Curve Coefficients

Intercept:	0
Slope:	5.518

Error Coefficients

Standard Error:	6080000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.831626	50.0	194888.0	5.663253	Y
3	STD1 460-869565/5	1.0	5.040187	50.0	192225.0	5.040187	Y
4	STD5 460-869565/6	5.0	28.817954	50.0	195923.0	5.763591	Y
5	STD20 460-869565/7	20.0	112.124625	50.0	219314.0	5.606231	Y
6	STD50 460-869565/8	50.0	318.194762	50.0	220187.0	6.363895	Y
7	STD200 460-869565/9	200.0	1046.189194	50.0	269956.0	5.230946	Y
8	STD500 460-869565/10	500.0	2479.408231	50.0	276324.0	4.958816	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

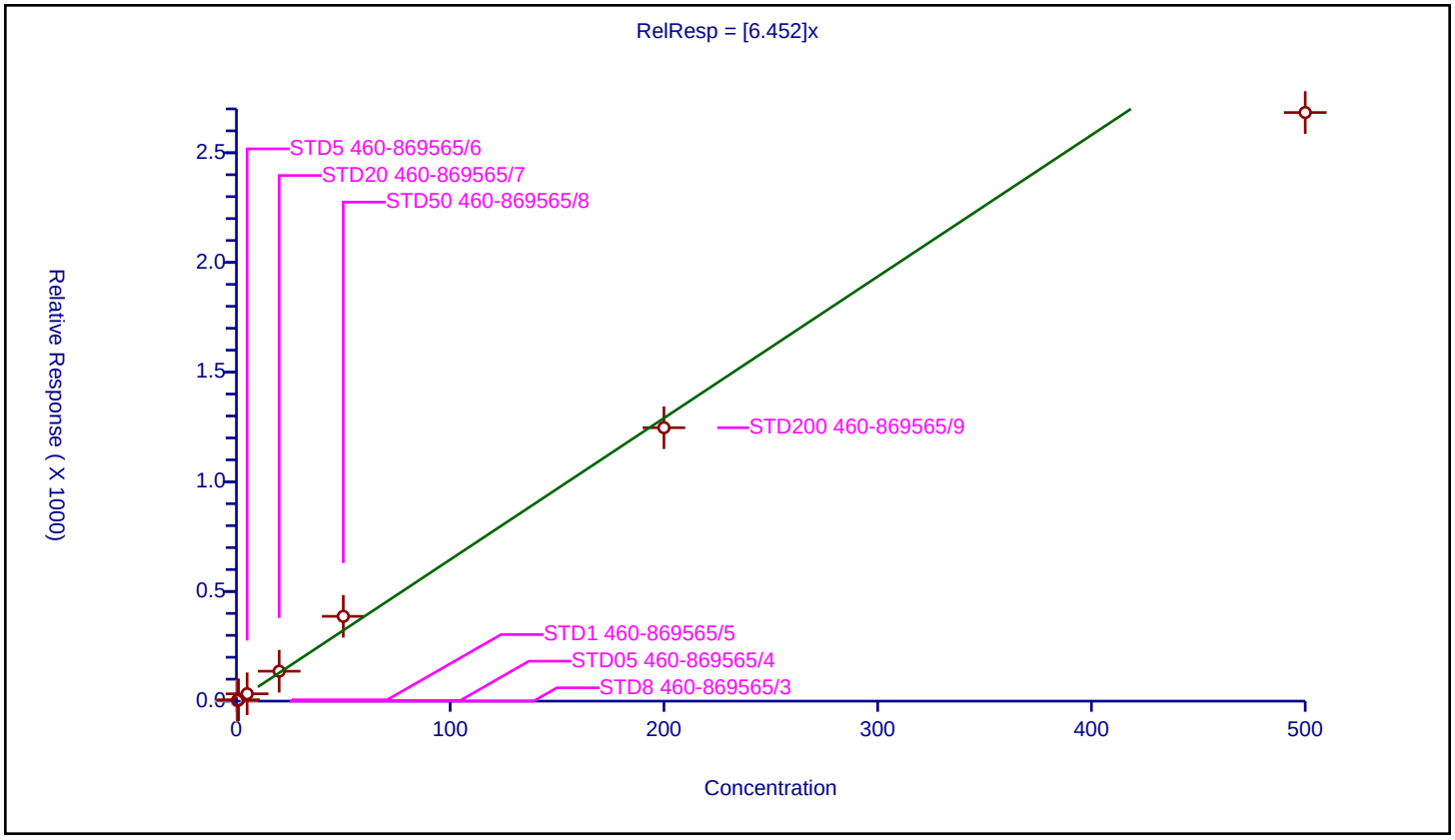
Curve Coefficients

Intercept:	0
Slope:	6.452

Error Coefficients

Standard Error:	6690000
Relative Standard Error:	11.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	3.178492	50.0	194888.0	6.356985	Y
3	STD1 460-869565/5	1.0	5.951879	50.0	192225.0	5.951879	Y
4	STD5 460-869565/6	5.0	33.501427	50.0	195923.0	6.700285	Y
5	STD20 460-869565/7	20.0	136.406705	50.0	219314.0	6.820335	Y
6	STD50 460-869565/8	50.0	386.641355	50.0	220187.0	7.732827	Y
7	STD200 460-869565/9	200.0	1246.558698	50.0	269956.0	6.232793	Y
8	STD500 460-869565/10	500.0	2683.515909	50.0	276324.0	5.367032	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

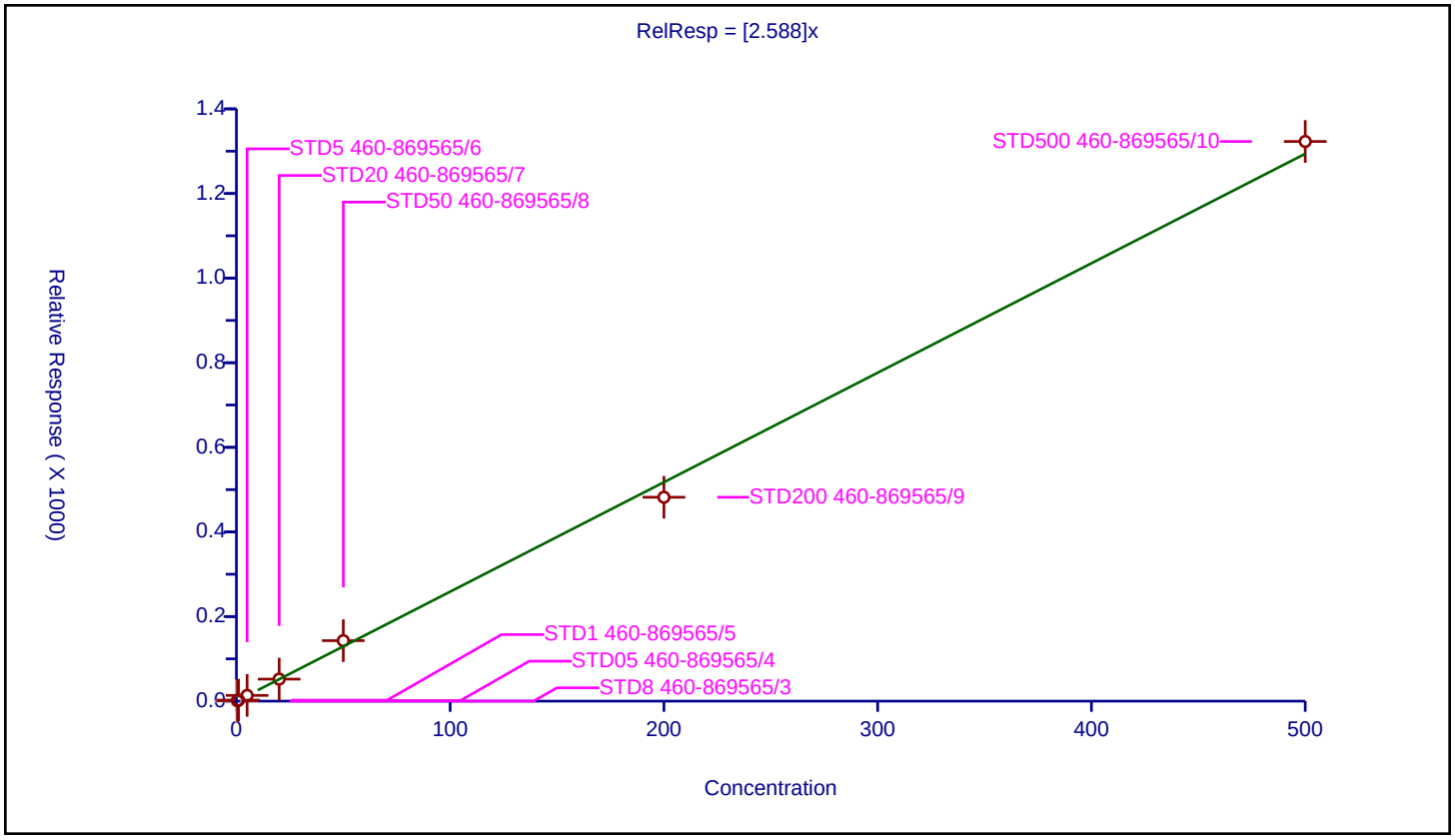
Curve Coefficients

Intercept:	0
Slope:	2.588

Error Coefficients

Standard Error:	3180000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	1.250205	50.0	194888.0	2.50041	Y
3	STD1 460-869565/5	1.0	2.387046	50.0	192225.0	2.387046	Y
4	STD5 460-869565/6	5.0	13.545628	50.0	195923.0	2.709126	Y
5	STD20 460-869565/7	20.0	52.03293	50.0	219314.0	2.601646	Y
6	STD50 460-869565/8	50.0	142.98687	50.0	220187.0	2.859737	Y
7	STD200 460-869565/9	200.0	481.996511	50.0	269956.0	2.409983	Y
8	STD500 460-869565/10	500.0	1322.946975	50.0	276324.0	2.645894	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

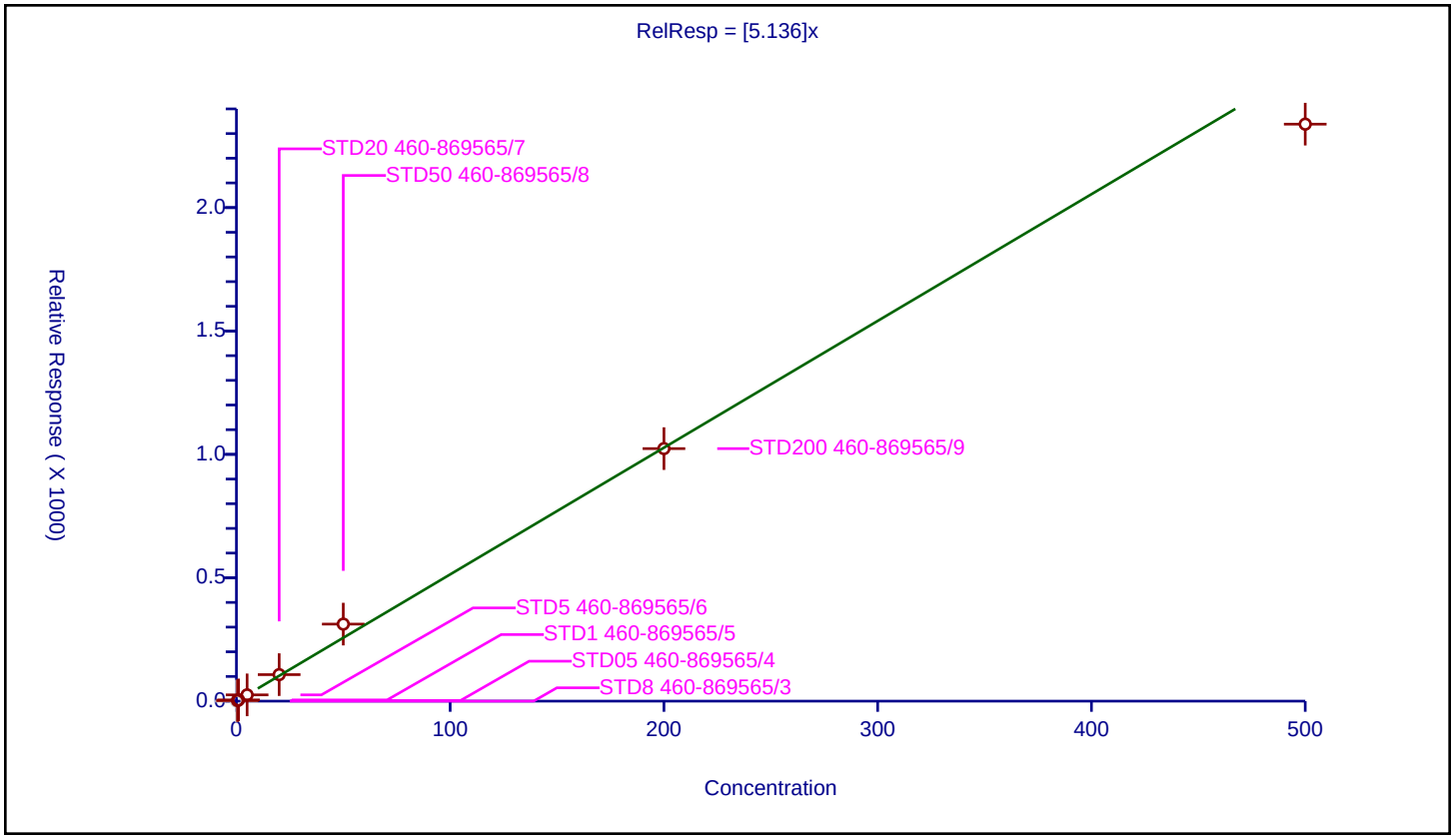
Curve Coefficients

Intercept:	0
Slope:	5.136

Error Coefficients

Standard Error:	5770000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.282337	50.0	194888.0	4.564673	Y
3	STD1 460-869565/5	1.0	4.890623	50.0	192225.0	4.890623	Y
4	STD5 460-869565/6	5.0	25.417639	50.0	195923.0	5.083528	Y
5	STD20 460-869565/7	20.0	107.484018	50.0	219314.0	5.374201	Y
6	STD50 460-869565/8	50.0	312.236871	50.0	220187.0	6.244737	Y
7	STD200 460-869565/9	200.0	1023.327876	50.0	269956.0	5.116639	Y
8	STD500 460-869565/10	500.0	2338.108525	50.0	276324.0	4.676217	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

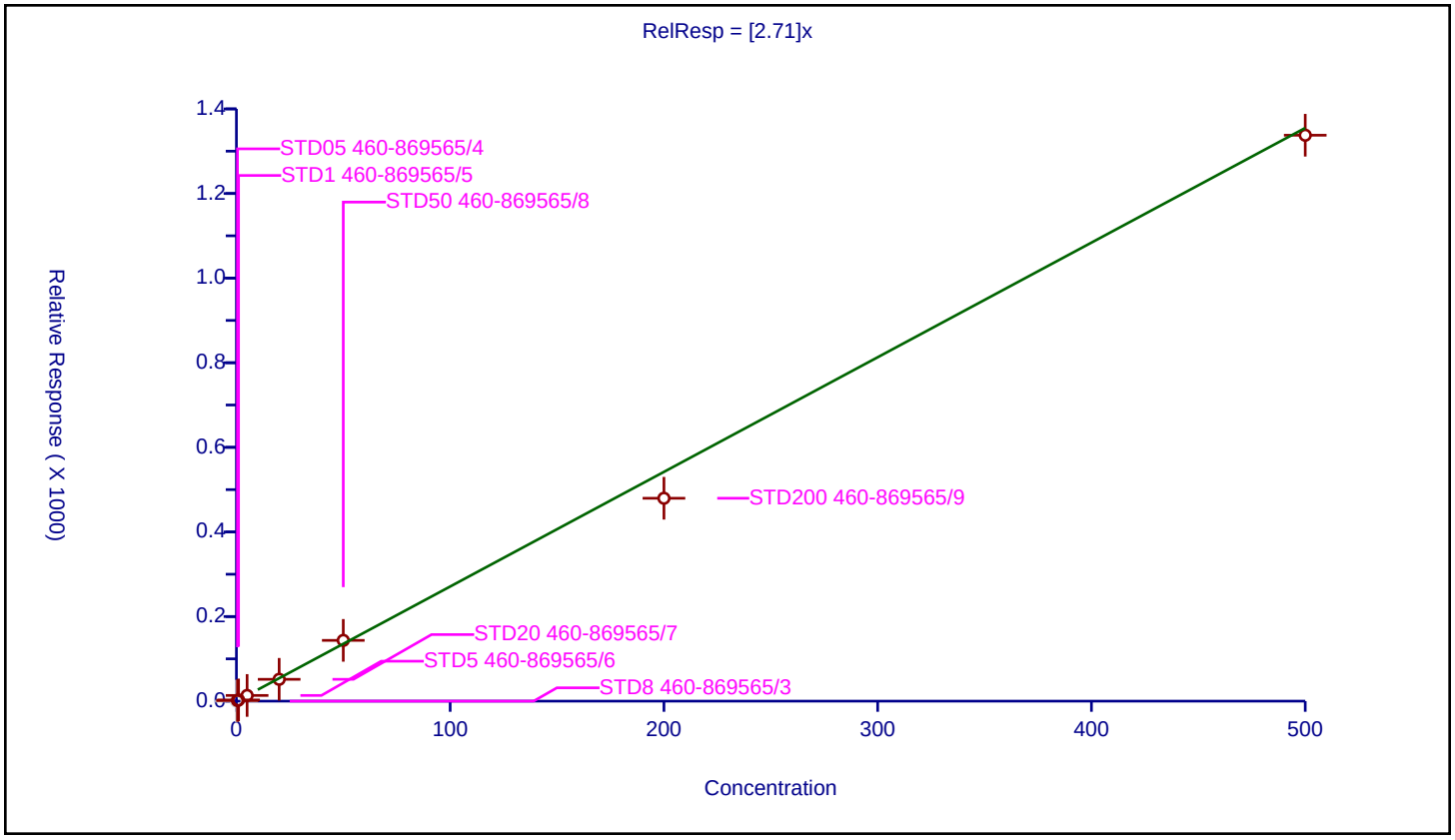
Curve Coefficients

Intercept:	0
Slope:	2.71

Error Coefficients

Standard Error:	3210000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	1.48906	50.0	194888.0	2.978121	Y
3	STD1 460-869565/5	1.0	2.775654	50.0	192225.0	2.775654	Y
4	STD5 460-869565/6	5.0	13.444312	50.0	195923.0	2.688862	Y
5	STD20 460-869565/7	20.0	51.585854	50.0	219314.0	2.579293	Y
6	STD50 460-869565/8	50.0	143.643131	50.0	220187.0	2.872863	Y
7	STD200 460-869565/9	200.0	479.617975	50.0	269956.0	2.39809	Y
8	STD500 460-869565/10	500.0	1337.731793	50.0	276324.0	2.675464	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

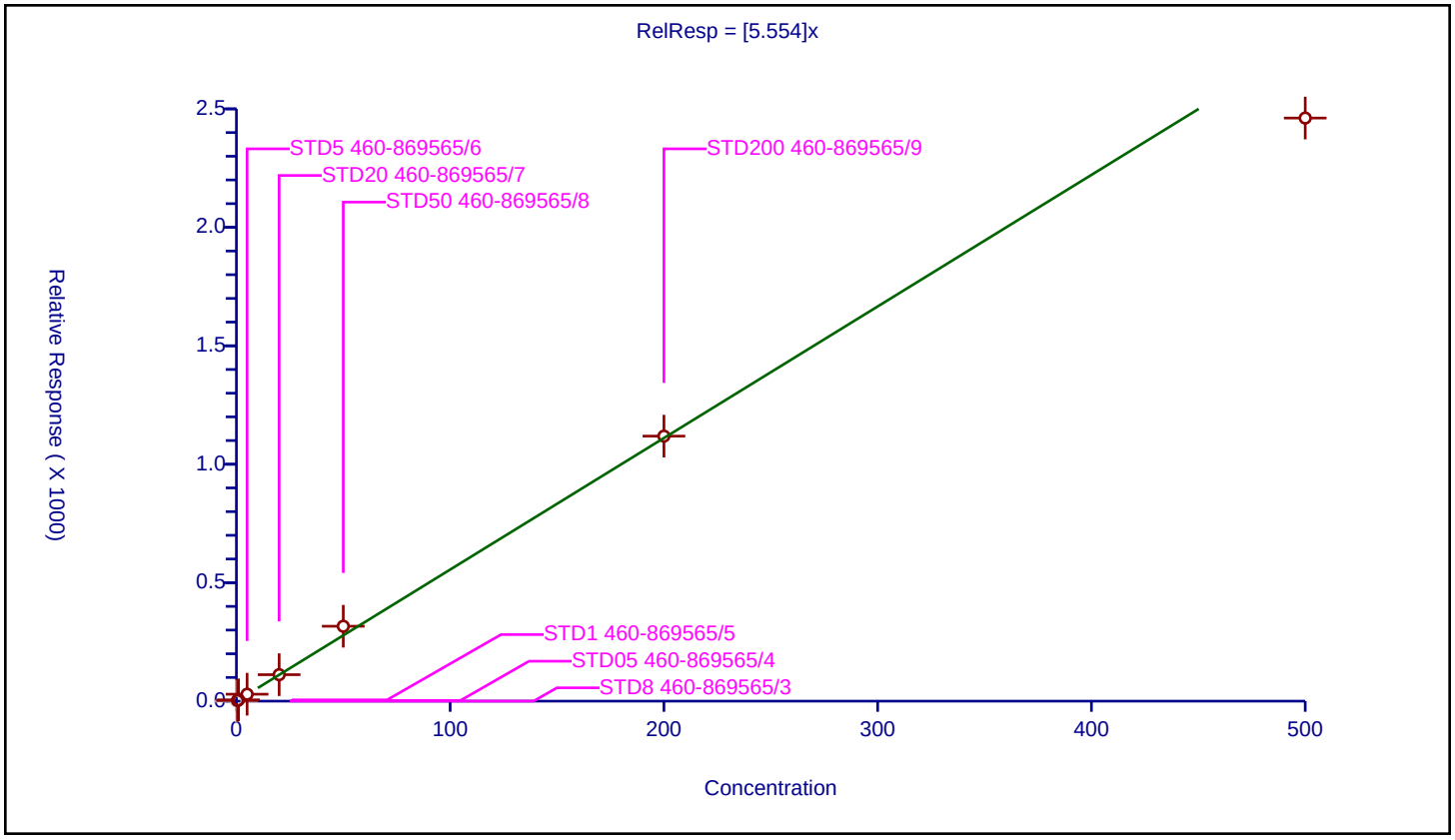
Curve Coefficients

Intercept:	0
Slope:	5.554

Error Coefficients

Standard Error:	6100000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.587897	50.0	194888.0	5.175793	Y
3	STD1 460-869565/5	1.0	5.41761	50.0	192225.0	5.41761	Y
4	STD5 460-869565/6	5.0	29.277318	50.0	195923.0	5.855464	Y
5	STD20 460-869565/7	20.0	111.717446	50.0	219314.0	5.585872	Y
6	STD50 460-869565/8	50.0	316.185333	50.0	220187.0	6.323707	Y
7	STD200 460-869565/9	200.0	1118.758613	50.0	269956.0	5.593793	Y
8	STD500 460-869565/10	500.0	2461.304664	50.0	276324.0	4.922609	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

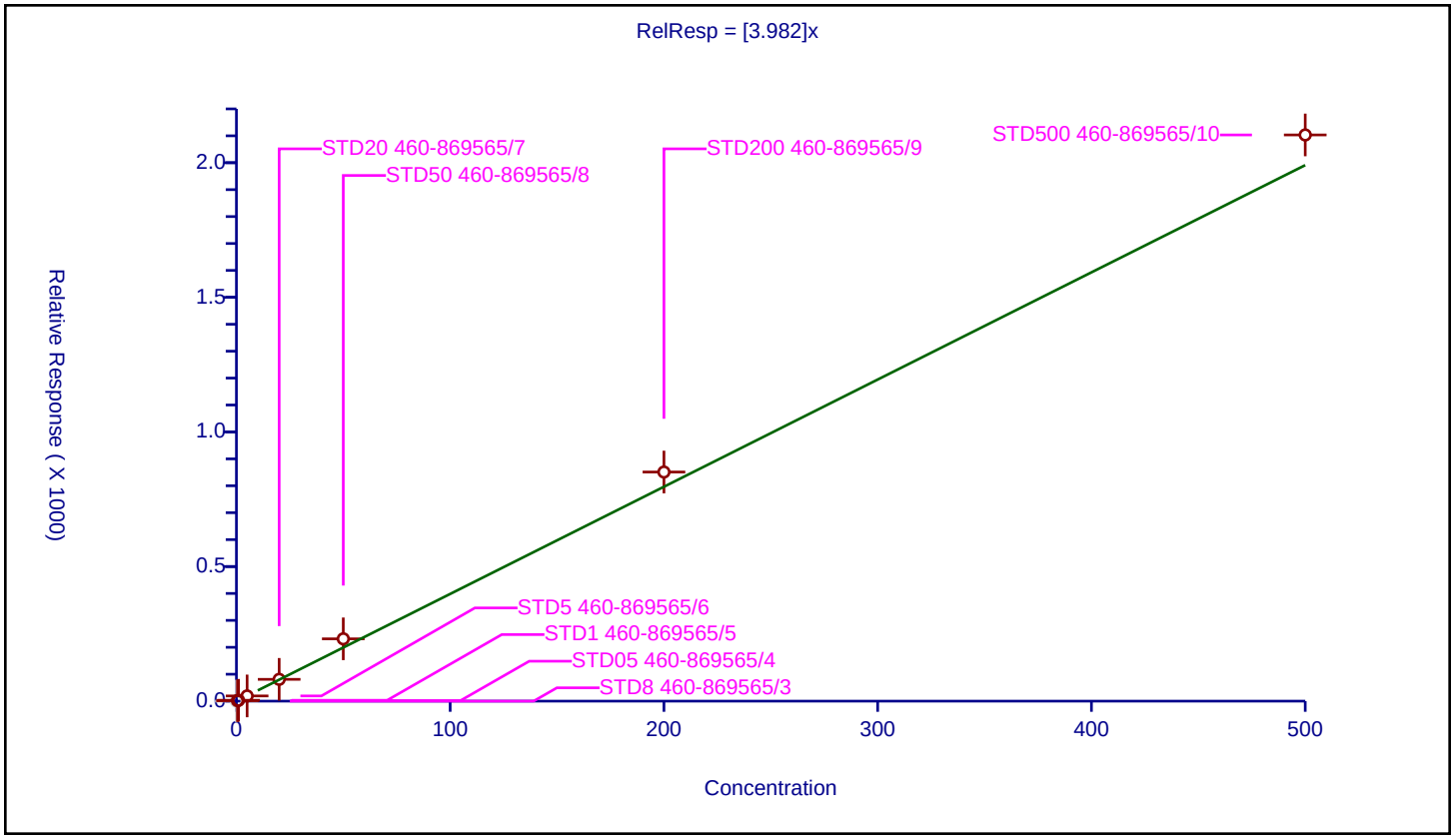
Curve Coefficients

Intercept:	0
Slope:	3.982

Error Coefficients

Standard Error:	5120000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	1.831821	50.0	194888.0	3.663643	Y
3	STD1 460-869565/5	1.0	3.192613	50.0	192225.0	3.192613	Y
4	STD5 460-869565/6	5.0	19.382615	50.0	195923.0	3.876523	Y
5	STD20 460-869565/7	20.0	80.98001	50.0	219314.0	4.049001	Y
6	STD50 460-869565/8	50.0	231.501179	50.0	220187.0	4.630024	Y
7	STD200 460-869565/9	200.0	851.07536	50.0	269956.0	4.255377	Y
8	STD500 460-869565/10	500.0	2103.251075	50.0	276324.0	4.206502	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

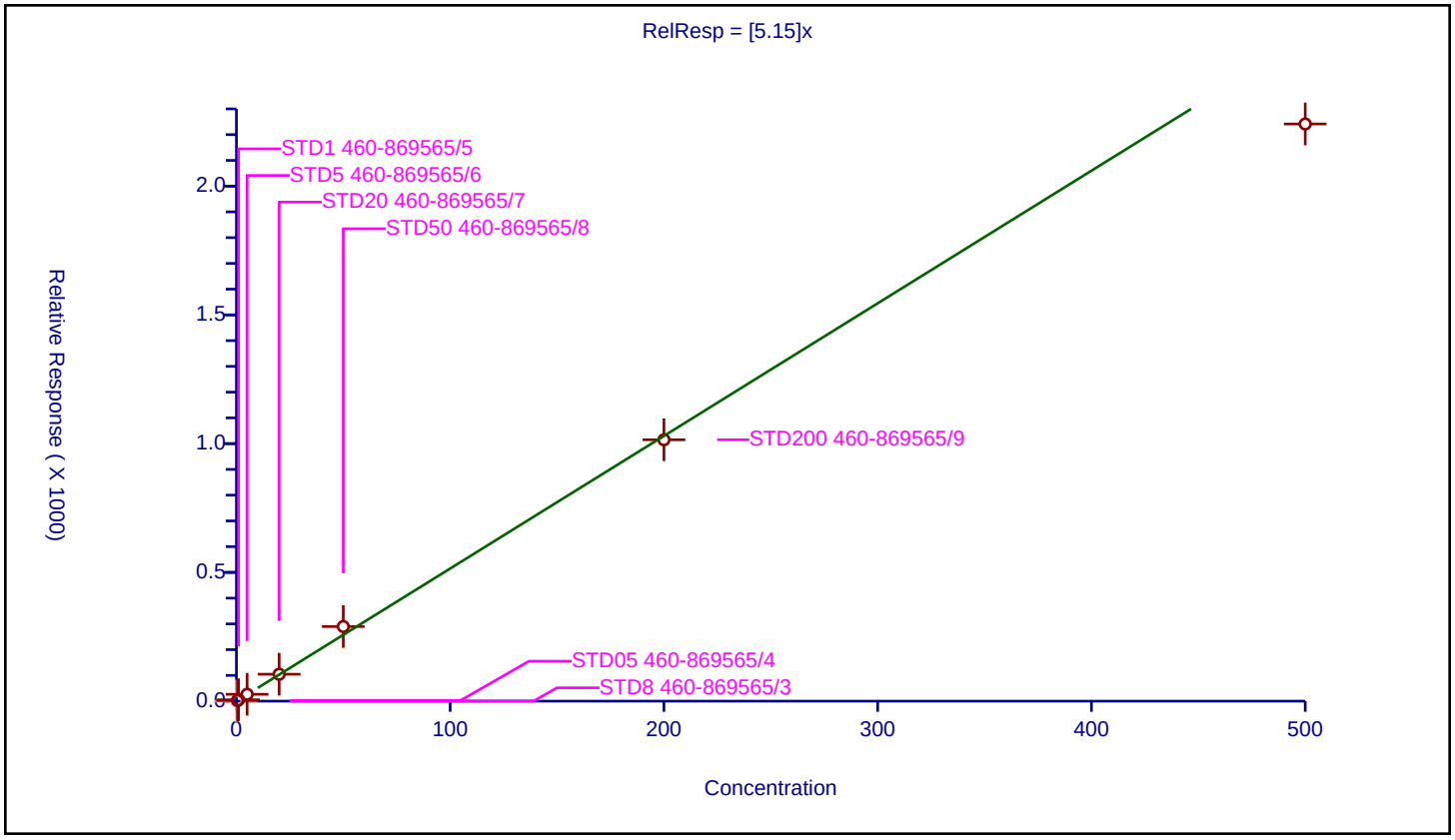
Curve Coefficients

Intercept:	0
Slope:	5.15

Error Coefficients

Standard Error:	5560000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.442685	50.0	194888.0	4.88537	Y
3	STD1 460-869565/5	1.0	5.261803	50.0	192225.0	5.261803	Y
4	STD5 460-869565/6	5.0	26.603308	50.0	195923.0	5.320662	Y
5	STD20 460-869565/7	20.0	104.53391	50.0	219314.0	5.226696	Y
6	STD50 460-869565/8	50.0	289.779369	50.0	220187.0	5.795587	Y
7	STD200 460-869565/9	200.0	1015.07579	50.0	269956.0	5.075379	Y
8	STD500 460-869565/10	500.0	2241.395246	50.0	276324.0	4.48279	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

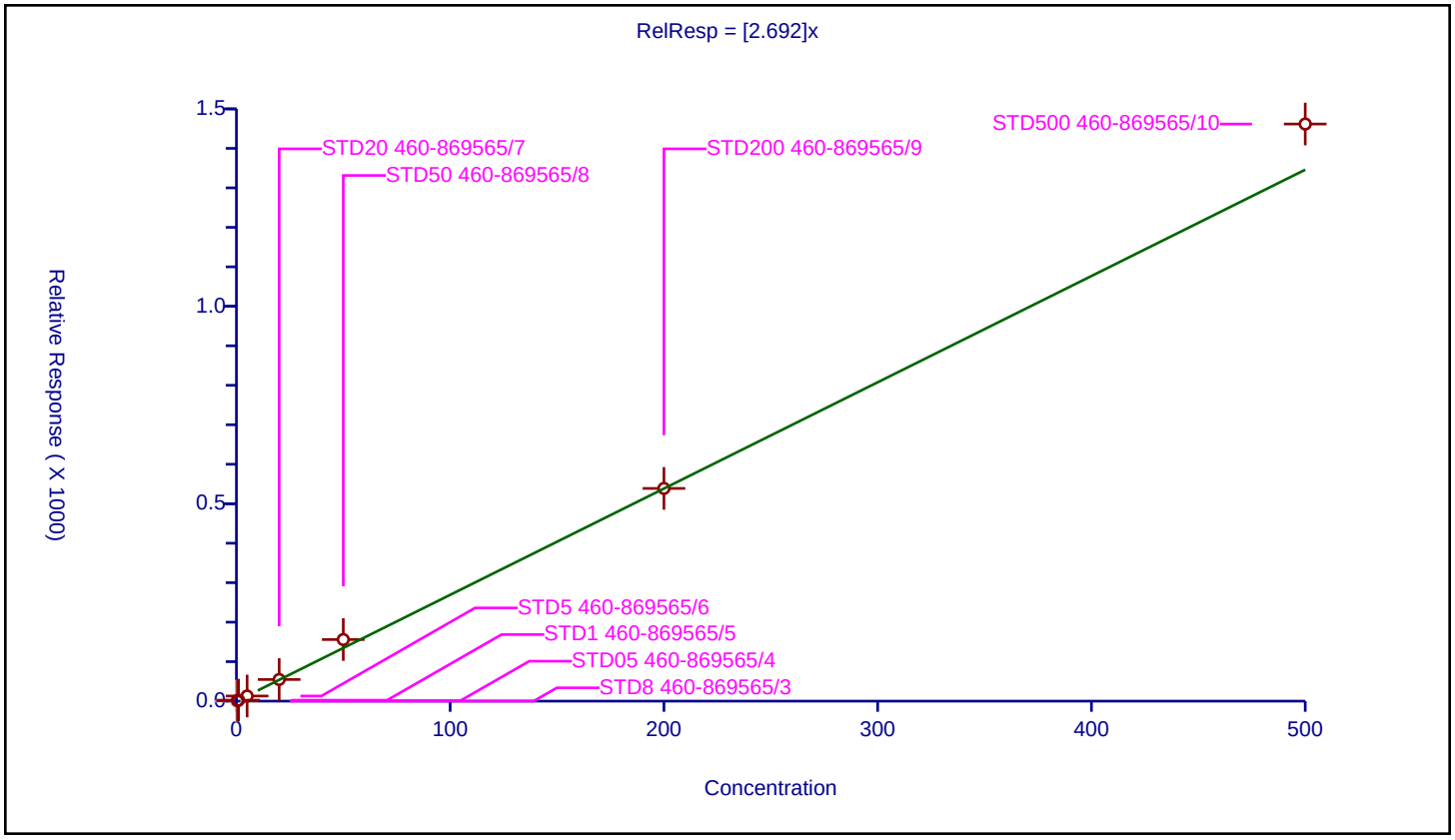
Curve Coefficients

Intercept:	0
Slope:	2.692

Error Coefficients

Standard Error:	3520000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	1.136807	50.0	194888.0	2.273614	Y
3	STD1 460-869565/5	1.0	2.493692	50.0	192225.0	2.493692	Y
4	STD5 460-869565/6	5.0	12.989031	50.0	195923.0	2.597806	Y
5	STD20 460-869565/7	20.0	54.810226	50.0	219314.0	2.740511	Y
6	STD50 460-869565/8	50.0	156.008529	50.0	220187.0	3.120171	Y
7	STD200 460-869565/9	200.0	538.7515	50.0	269956.0	2.693758	Y
8	STD500 460-869565/10	500.0	1461.687367	50.0	276324.0	2.923375	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

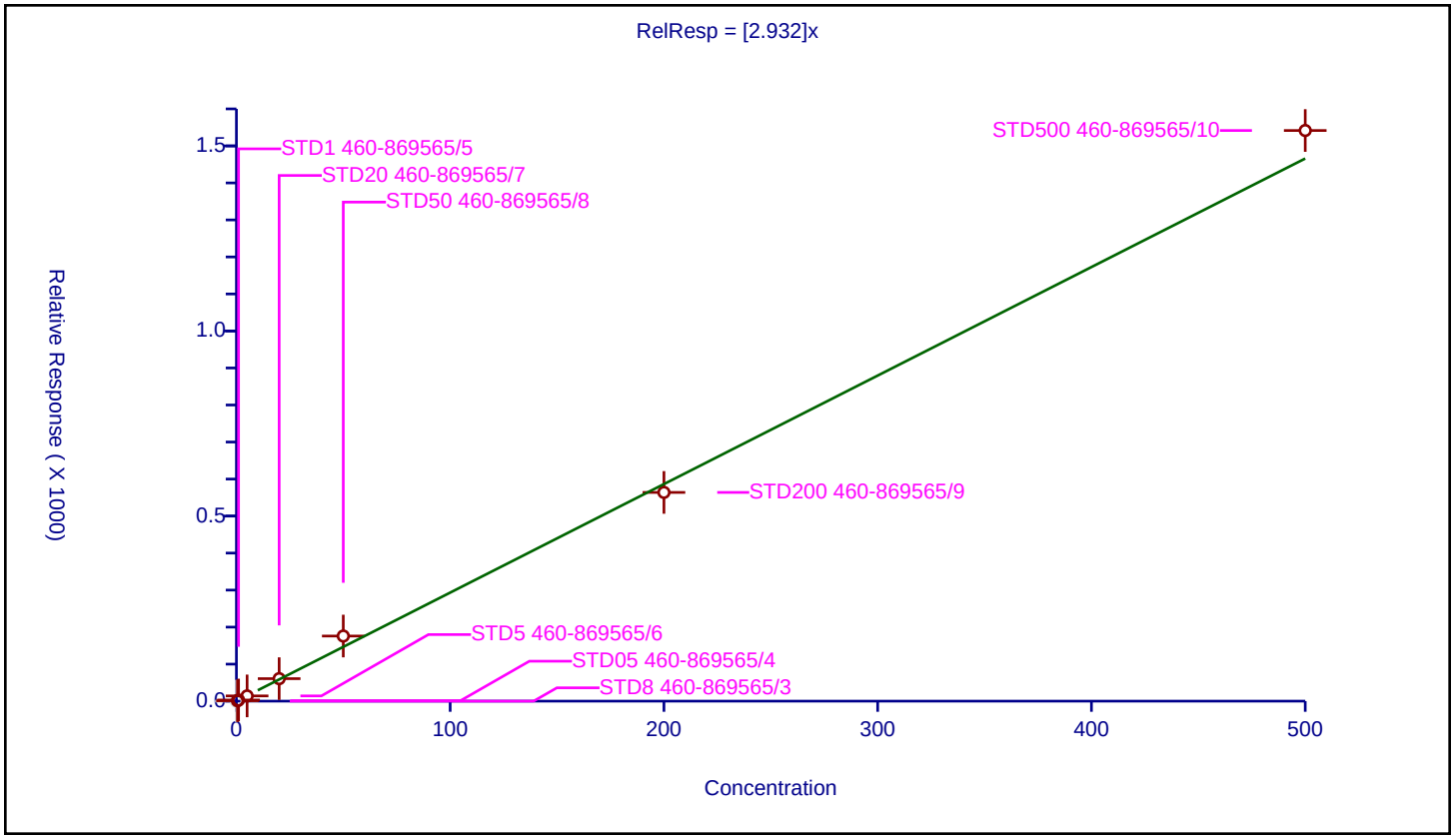
Curve Coefficients

Intercept:	0
Slope:	2.932

Error Coefficients

Standard Error:	3710000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	1.130393	50.0	194888.0	2.260786	Y
3	STD1 460-869565/5	1.0	2.978021	50.0	192225.0	2.978021	Y
4	STD5 460-869565/6	5.0	14.123406	50.0	195923.0	2.824681	Y
5	STD20 460-869565/7	20.0	60.765387	50.0	219314.0	3.038269	Y
6	STD50 460-869565/8	50.0	175.909114	50.0	220187.0	3.518182	Y
7	STD200 460-869565/9	200.0	563.888374	50.0	269956.0	2.819442	Y
8	STD500 460-869565/10	500.0	1541.561717	50.0	276324.0	3.083123	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

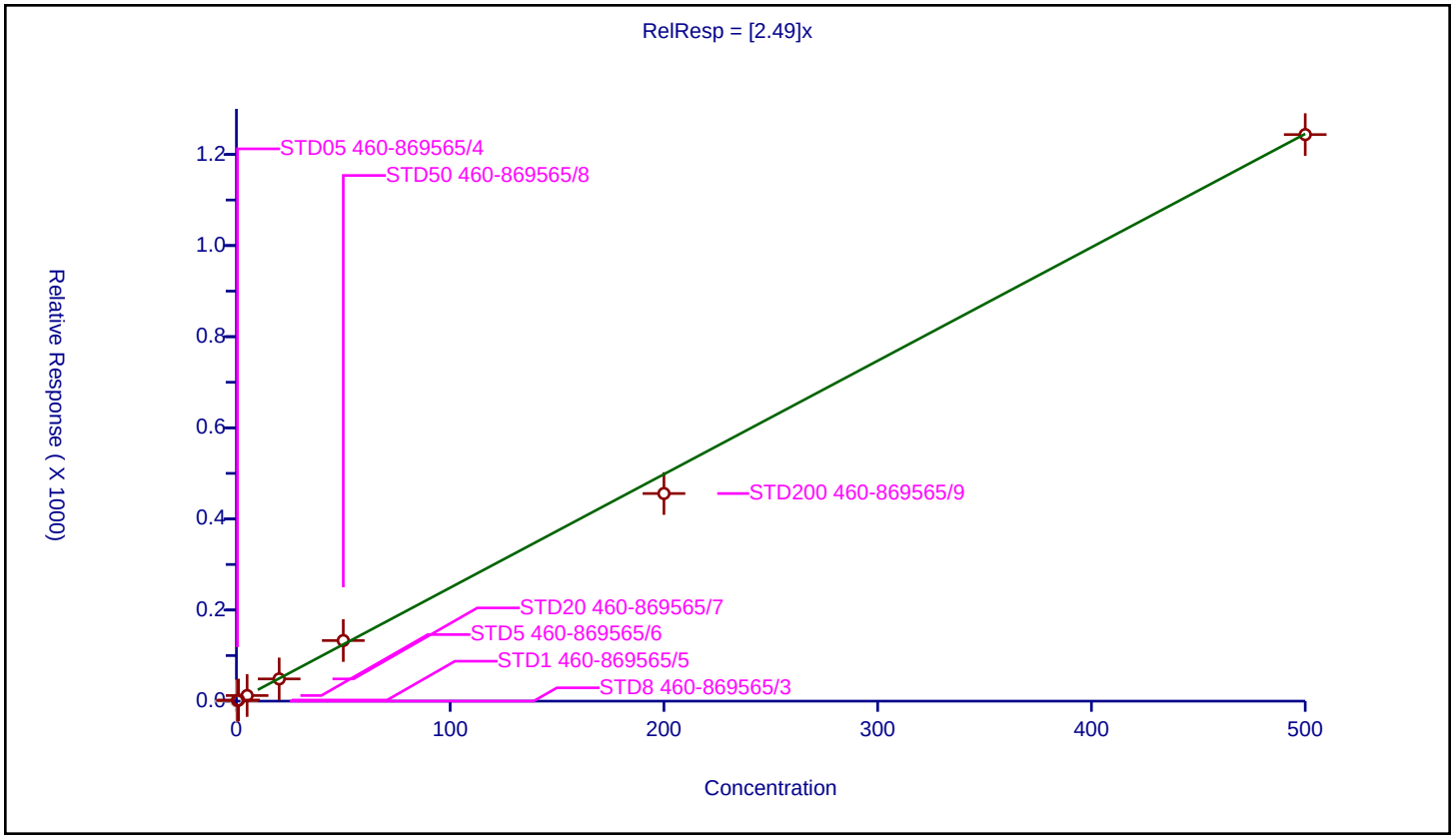
Curve Coefficients

Intercept:	0
Slope:	2.49

Error Coefficients

Standard Error:	2990000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	1.345901	50.0	194888.0	2.691802	Y
3	STD1 460-869565/5	1.0	2.416179	50.0	192225.0	2.416179	Y
4	STD5 460-869565/6	5.0	12.287991	50.0	195923.0	2.457598	Y
5	STD20 460-869565/7	20.0	48.79693	50.0	219314.0	2.439847	Y
6	STD50 460-869565/8	50.0	133.055085	50.0	220187.0	2.661102	Y
7	STD200 460-869565/9	200.0	455.763347	50.0	269956.0	2.278817	Y
8	STD500 460-869565/10	500.0	1243.578915	50.0	276324.0	2.487158	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

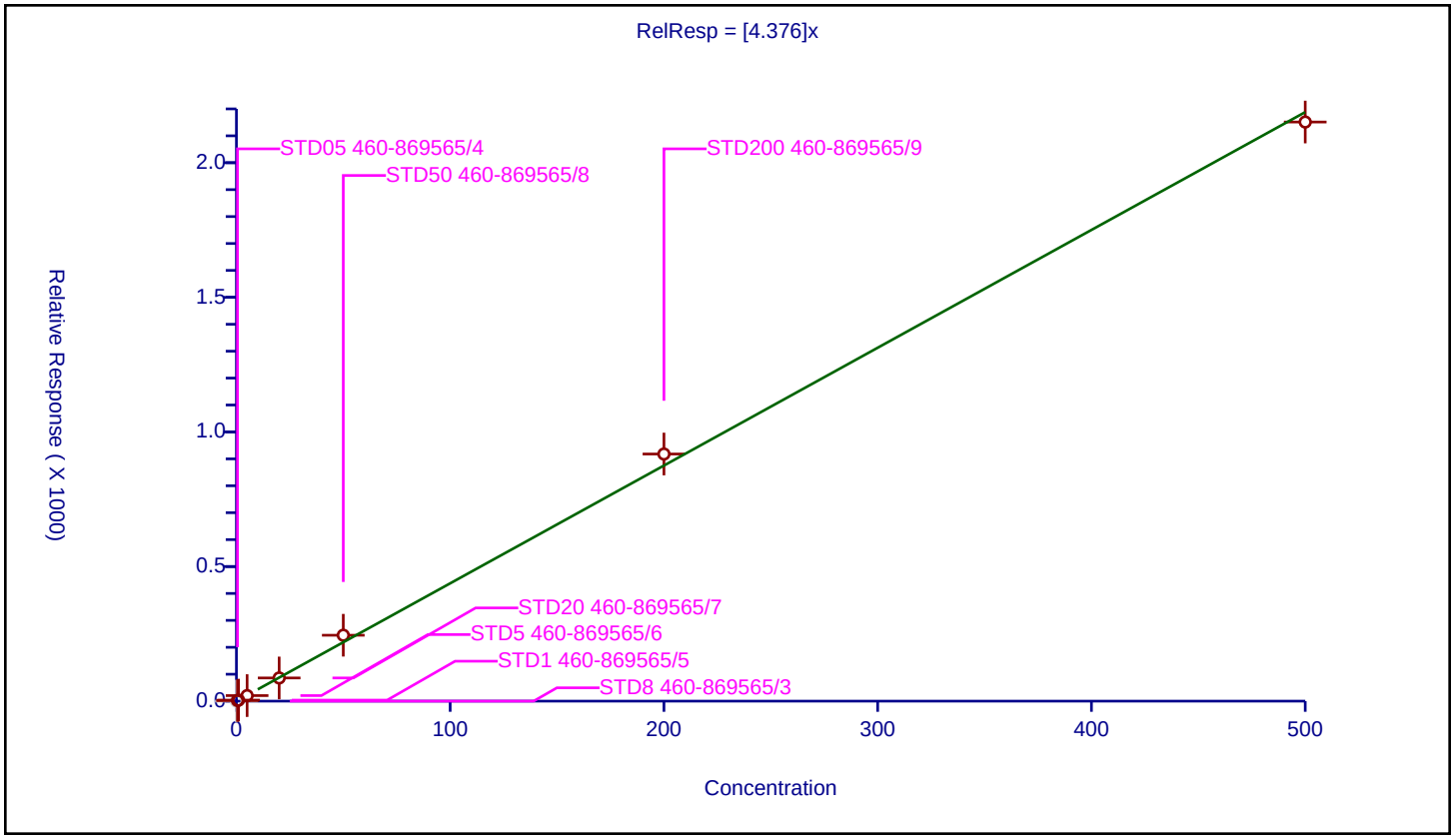
Curve Coefficients

Intercept:	0
Slope:	4.376

Error Coefficients

Standard Error:	5280000
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 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.323386	50.0	194888.0	4.646771	Y
3	STD1 460-869565/5	1.0	3.773703	50.0	192225.0	3.773703	Y
4	STD5 460-869565/6	5.0	20.578493	50.0	195923.0	4.115699	Y
5	STD20 460-869565/7	20.0	86.106678	50.0	219314.0	4.305334	Y
6	STD50 460-869565/8	50.0	244.836889	50.0	220187.0	4.896738	Y
7	STD200 460-869565/9	200.0	917.973114	50.0	269956.0	4.589866	Y
8	STD500 460-869565/10	500.0	2151.223745	50.0	276324.0	4.302447	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

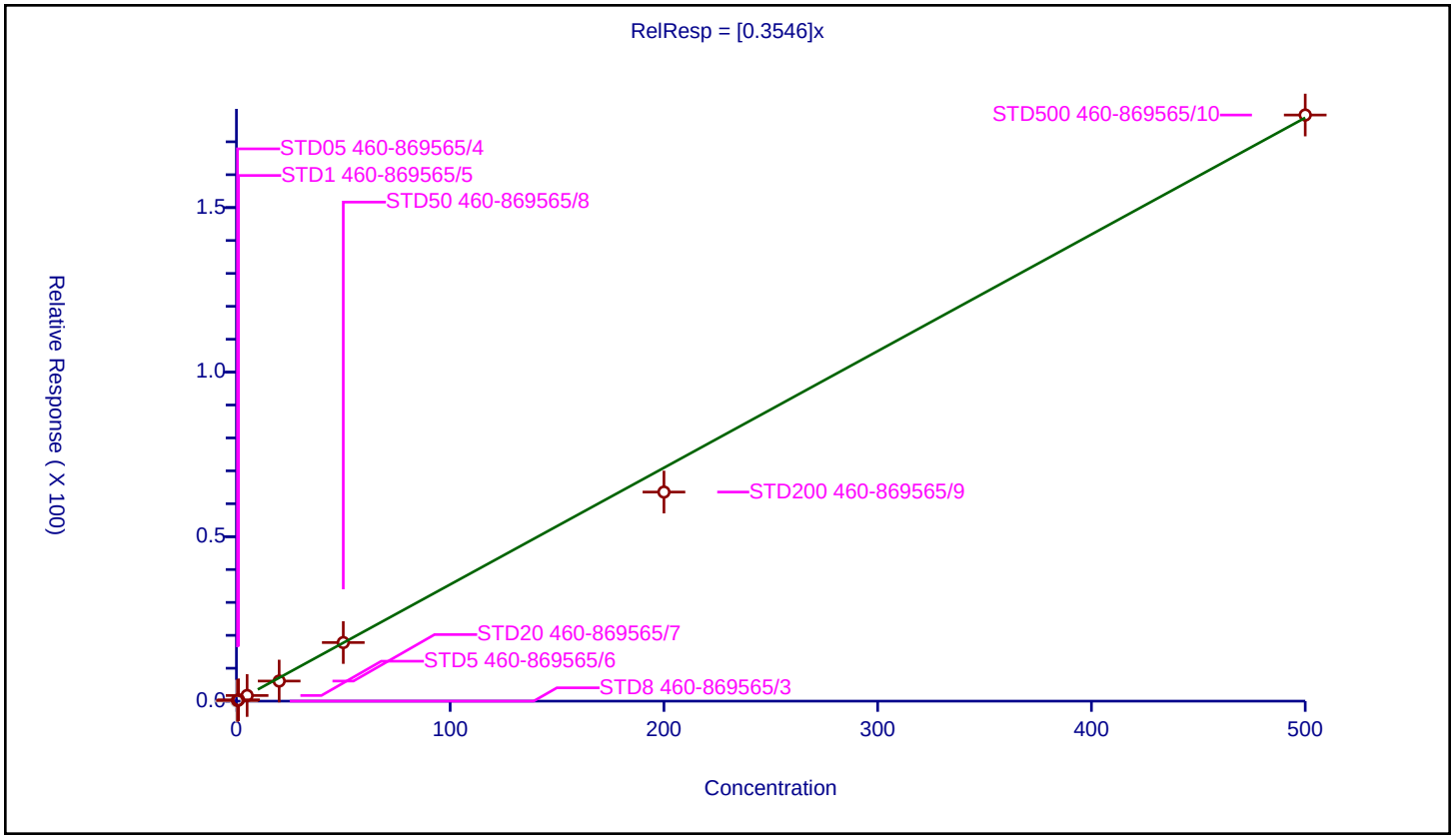
Curve Coefficients

Intercept:	0
Slope:	0.3546

Error Coefficients

Standard Error:	427000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.200628	50.0	194888.0	0.401256	Y
3	STD1 460-869565/5	1.0	0.403173	50.0	192225.0	0.403173	Y
4	STD5 460-869565/6	5.0	1.711131	50.0	195923.0	0.342226	Y
5	STD20 460-869565/7	20.0	6.109049	50.0	219314.0	0.305452	Y
6	STD50 460-869565/8	50.0	17.810089	50.0	220187.0	0.356202	Y
7	STD200 460-869565/9	200.0	63.546467	50.0	269956.0	0.317732	Y
8	STD500 460-869565/10	500.0	178.134364	50.0	276324.0	0.356269	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

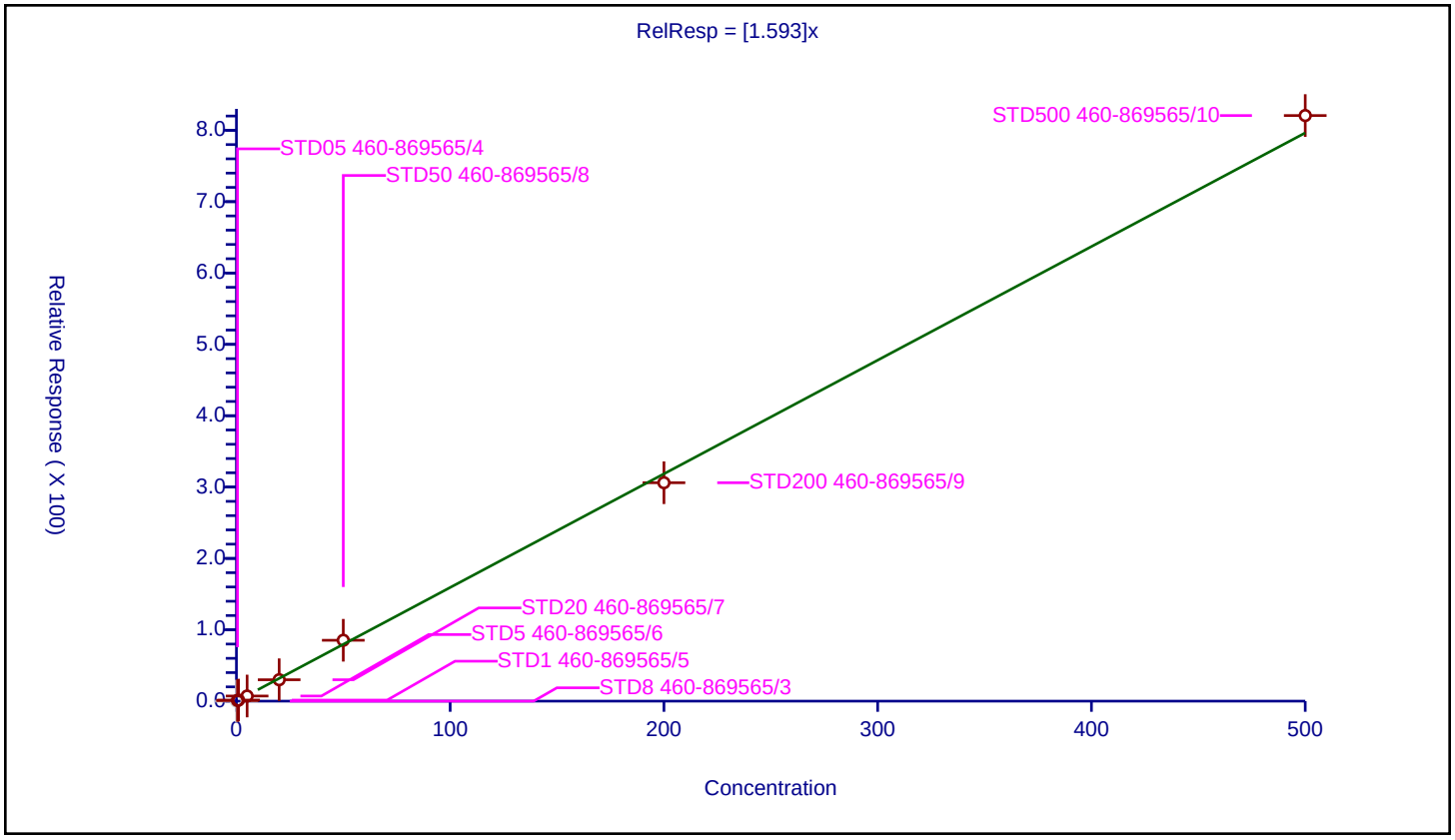
Curve Coefficients

Intercept:	0
Slope:	1.593

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.928739	50.0	194888.0	1.857477	Y
3	STD1 460-869565/5	1.0	1.480036	50.0	192225.0	1.480036	Y
4	STD5 460-869565/6	5.0	7.170164	50.0	195923.0	1.434033	Y
5	STD20 460-869565/7	20.0	29.998769	50.0	219314.0	1.499938	Y
6	STD50 460-869565/8	50.0	85.296135	50.0	220187.0	1.705923	Y
7	STD200 460-869565/9	200.0	306.090807	50.0	269956.0	1.530454	Y
8	STD500 460-869565/10	500.0	820.650577	50.0	276324.0	1.641301	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

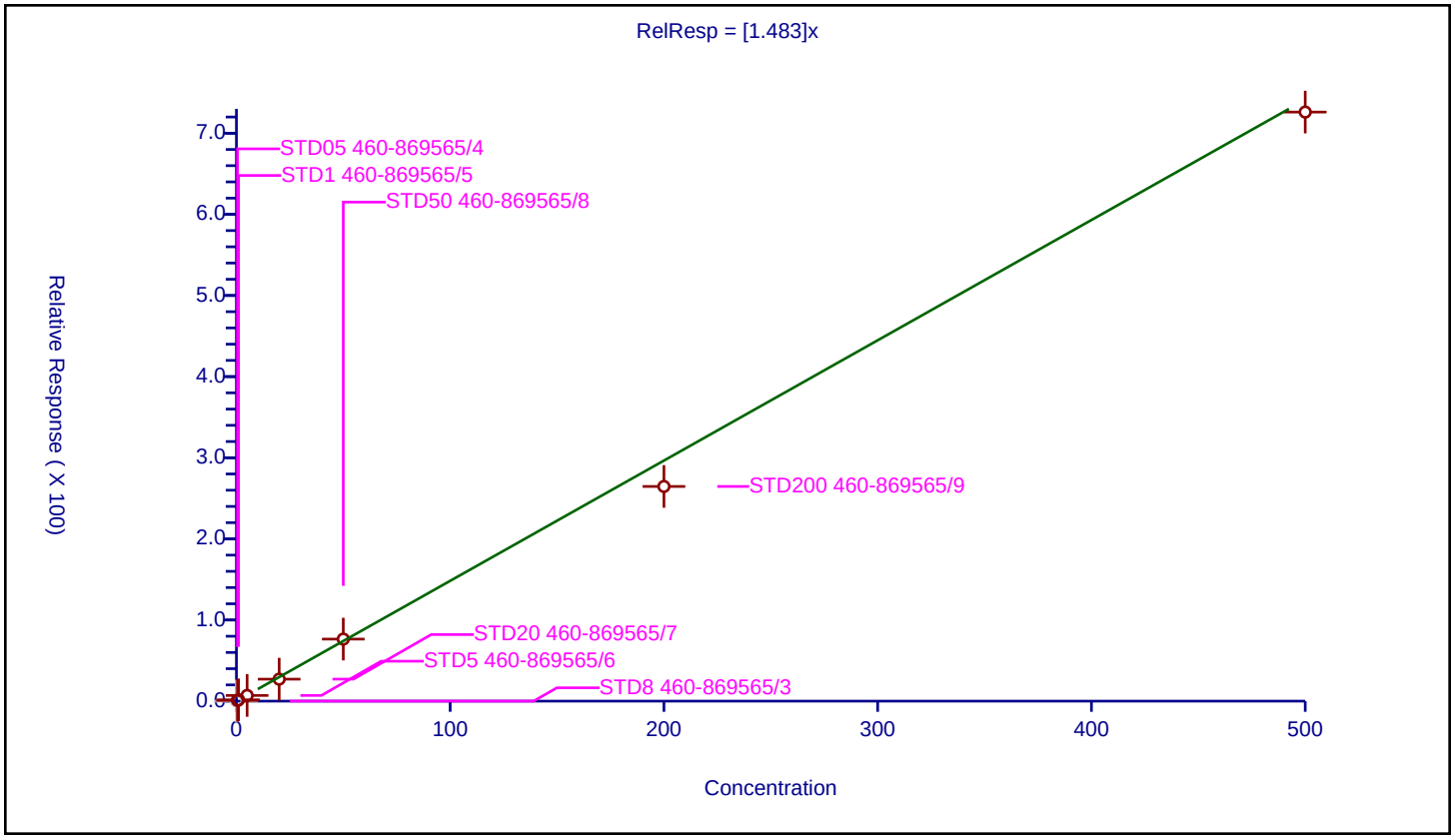
Curve Coefficients

Intercept:	0
Slope:	1.483

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.868961	50.0	194888.0	1.737921	Y
3	STD1 460-869565/5	1.0	1.577318	50.0	192225.0	1.577318	Y
4	STD5 460-869565/6	5.0	7.010407	50.0	195923.0	1.402081	Y
5	STD20 460-869565/7	20.0	27.115004	50.0	219314.0	1.35575	Y
6	STD50 460-869565/8	50.0	76.489529	50.0	220187.0	1.529791	Y
7	STD200 460-869565/9	200.0	264.609973	50.0	269956.0	1.32305	Y
8	STD500 460-869565/10	500.0	726.102148	50.0	276324.0	1.452204	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

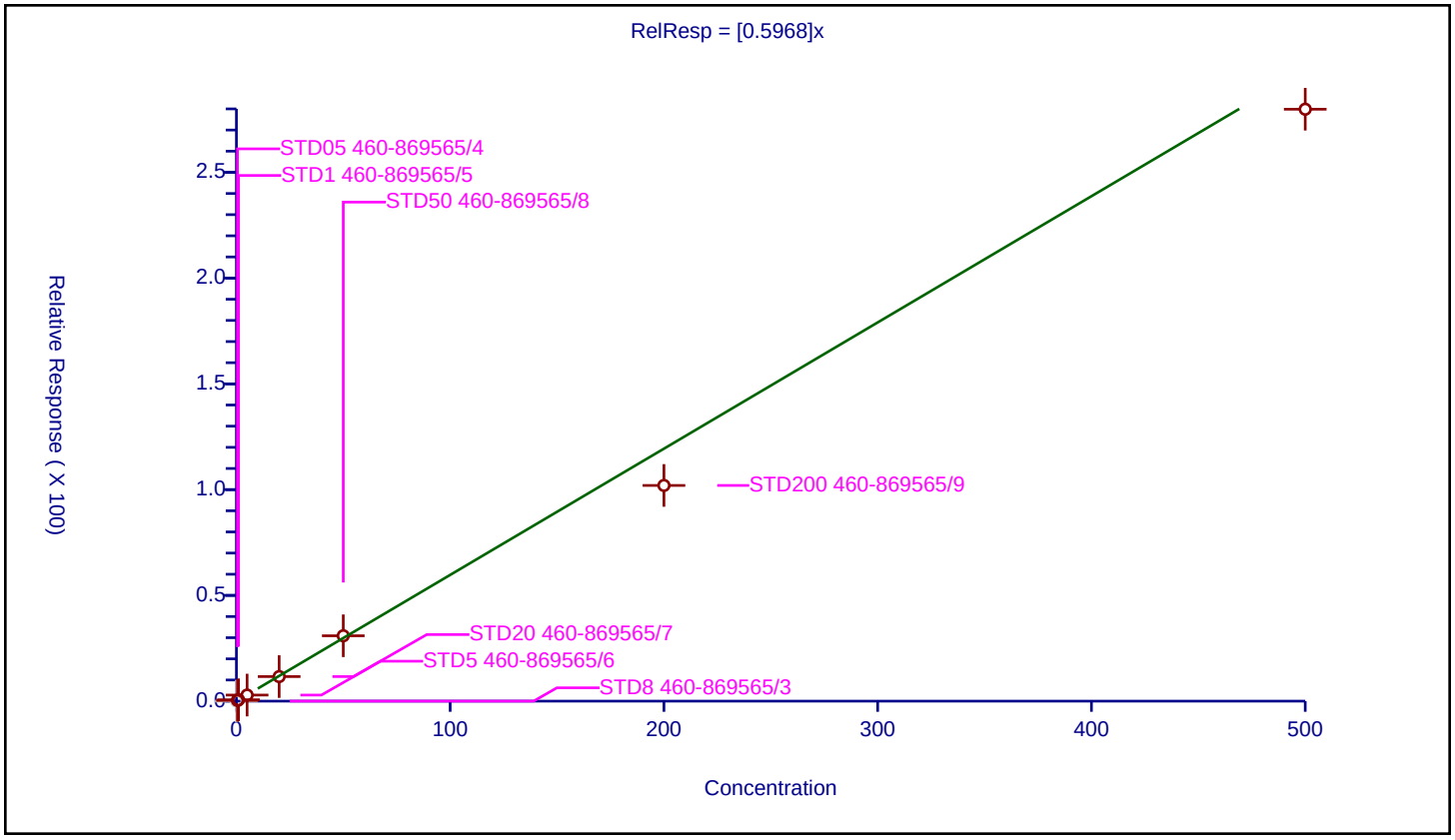
Curve Coefficients

Intercept:	0
Slope:	0.5968

Error Coefficients

Standard Error:	673000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.348662	50.0	194888.0	0.697324	Y
3	STD1 460-869565/5	1.0	0.636754	50.0	192225.0	0.636754	Y
4	STD5 460-869565/6	5.0	2.876385	50.0	195923.0	0.575277	Y
5	STD20 460-869565/7	20.0	11.609838	50.0	219314.0	0.580492	Y
6	STD50 460-869565/8	50.0	30.907819	50.0	220187.0	0.618156	Y
7	STD200 460-869565/9	200.0	101.972729	50.0	269956.0	0.509864	Y
8	STD500 460-869565/10	500.0	279.838161	50.0	276324.0	0.559676	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

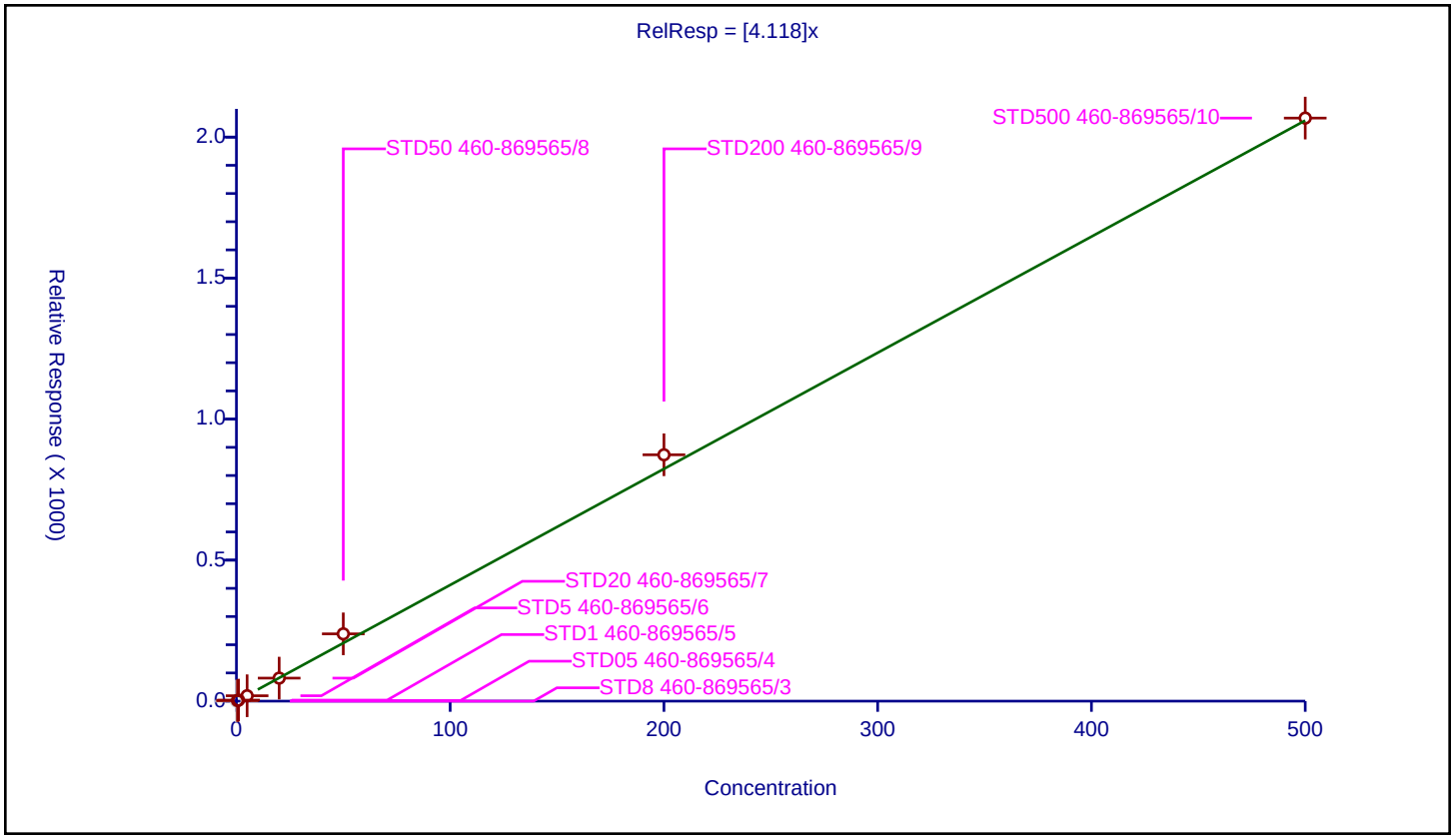
Curve Coefficients

Intercept:	0
Slope:	4.118

Error Coefficients

Standard Error:	5070000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	2.021161	50.0	194888.0	4.042322	Y
3	STD1 460-869565/5	1.0	3.598387	50.0	192225.0	3.598387	Y
4	STD5 460-869565/6	5.0	19.126647	50.0	195923.0	3.825329	Y
5	STD20 460-869565/7	20.0	81.668521	50.0	219314.0	4.083426	Y
6	STD50 460-869565/8	50.0	238.606276	50.0	220187.0	4.772126	Y
7	STD200 460-869565/9	200.0	873.511609	50.0	269956.0	4.367558	Y
8	STD500 460-869565/10	500.0	2067.463919	50.0	276324.0	4.134928	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

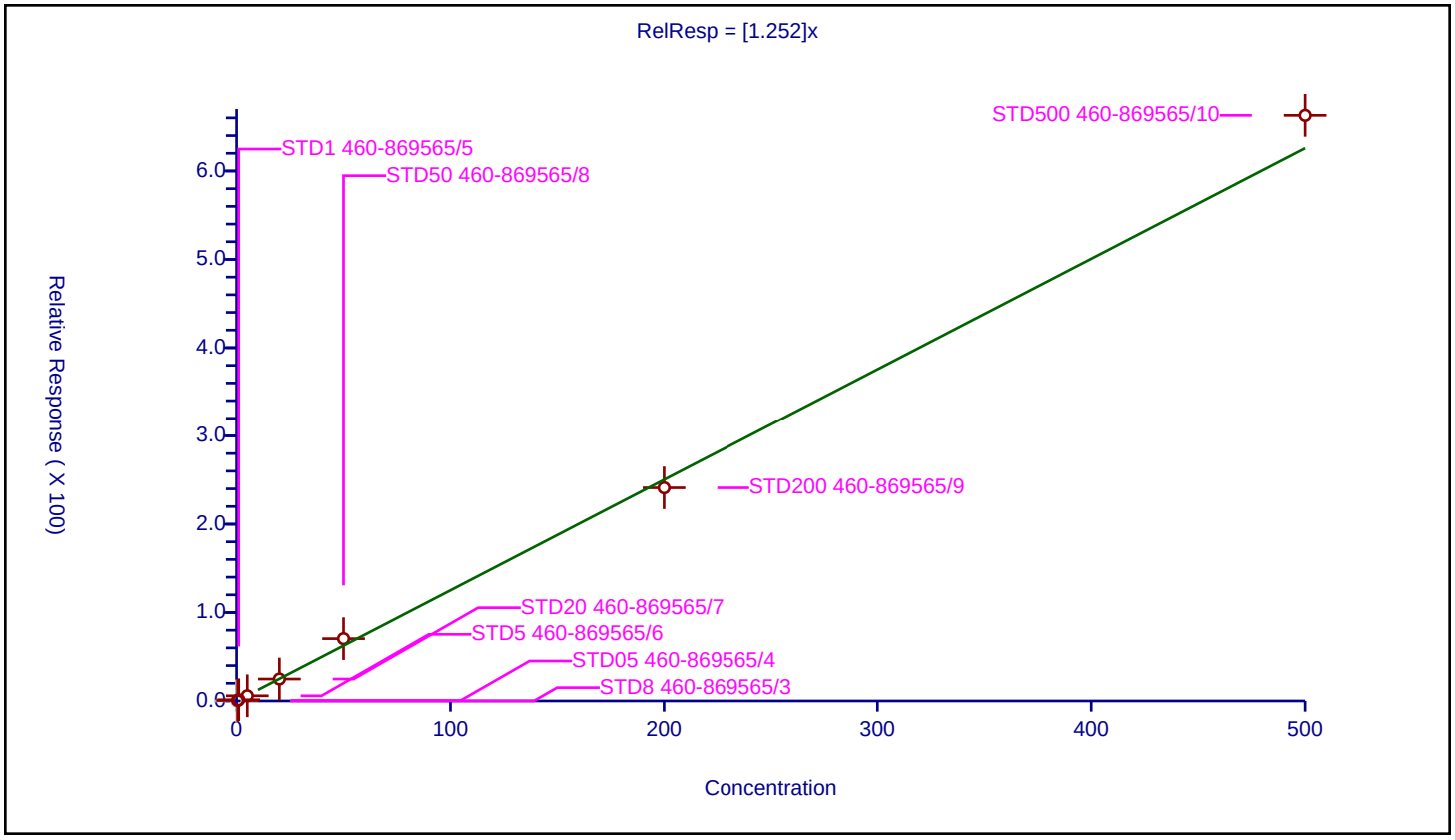
Curve Coefficients

Intercept:	0
Slope:	1.252

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	10.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-869565/3	0.0	0.0	50.0	217994.0	NaN	N
2	STD05 460-869565/4	0.5	0.522095	50.0	194888.0	1.044189	Y
3	STD1 460-869565/5	1.0	1.364287	50.0	192225.0	1.364287	Y
4	STD5 460-869565/6	5.0	5.85919	50.0	195923.0	1.171838	Y
5	STD20 460-869565/7	20.0	24.798234	50.0	219314.0	1.239912	Y
6	STD50 460-869565/8	50.0	70.464651	50.0	220187.0	1.409293	Y
7	STD200 460-869565/9	200.0	241.169487	50.0	269956.0	1.205847	Y
8	STD500 460-869565/10	500.0	662.857189	50.0	276324.0	1.325714	Y



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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-870018/3	K38862.D
Level 2	STD5 460-870018/4	K38863.D
Level 3	STD20 460-870018/5	K38864.D
Level 4	STD50 460-870018/6	K38865.D
Level 5	STD200 460-870018/7	K38866.D
Level 6	STD500 460-870018/8	K38867.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.2537 0.1743	0.2049	0.2281	0.2085	0.1891	Ave		0.2098				13.4		20.0			
Chlorodifluoromethane	0.1824 0.0727	0.1018	0.0870	0.0874	0.0772	QuaF		0.0815	-0.000018						1.0000		0.9900
Dichlorodifluoromethane	0.5434 0.4795	0.6310	0.7423	0.6850	0.5145	Ave		0.5993			0.1000	17.3		20.0			
Chloromethane	0.5292 0.4462	0.6387	0.6331	0.6123	0.4755	Ave		0.5558			0.1000	15.1		20.0			
Butadiene	0.3365 0.2928	0.3603	0.4036	0.3794	0.3028	Ave		0.3459				12.6		20.0			
Vinyl chloride	0.3580 0.3250	0.4697	0.4718	0.4283	0.3590	Ave		0.4020			0.1000	15.7		20.0			
Bromomethane	0.4805 0.2895	0.4298	0.4103	0.3987	0.3186	Ave		0.3879			0.1000	18.4		20.0			
Chloroethane	0.3244 0.2175	0.2573	0.2876	0.2830	0.2252	Ave		0.2658			0.1000	15.3		20.0			
Dichlorofluoromethane	0.6504 0.6544	0.7482	0.8350	0.8237	0.6870	Ave		0.7331				11.2		20.0			
Trichlorofluoromethane	0.5123 0.5337	0.6689	0.7227	0.6843	0.5629	Ave		0.6141			0.1000	14.4		20.0			
Pentane	2.7039 2.3929	3.1164	3.1671	2.9776	2.2241	Ave		2.7637				14.2		20.0			
Ethyl ether	0.2869 0.1921	0.2552	0.2280	0.2198	0.2021	Ave		0.2307				15.3		20.0			
Ethanol	+++++ 0.0518	+++++	0.0510	0.0578	0.0523	Ave		0.0532				5.8		20.0			
2-Methyl-1,3-butadiene	0.2364 0.2403	0.2603	0.2947	0.2860	0.2392	Ave		0.2595				9.8		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.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.4375 0.2950	0.3351	0.3624	0.3411	0.3106	Ave		0.3469				14.5		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.7234 0.4597	0.5361	0.5453	0.4854	0.4810	Ave		0.5385				17.9		20.0			
Acrolein	1.9830 1.5565	2.0667	1.7473	1.4302	1.5366	Ave		1.7200				15.0		20.0			
1,1-Dichloroethene	0.2670 0.2541	0.2847	0.2846	0.2898	0.2550	Ave		0.2725			0.1000	5.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3124 0.3212	0.3221	0.3754	0.3708	0.3241	Ave		0.3377			0.1000	8.2		20.0			
Acetone	1.6642 1.0734	1.2654	1.0202	1.0341	1.0756	Lin2	3.1017	1.0568			0.0500				0.9970		0.9900
Iodomethane	0.5597 0.4902	0.5813	0.5661	0.5699	0.5080	Ave		0.5459				6.8		20.0			
Carbon disulfide	0.9170 0.8505	1.0093	1.0252	1.0186	0.8656	Ave		0.9477			0.1000	8.4		20.0			
Isopropyl alcohol	+++++ 0.5166	+++++	0.3375	0.3111	0.4154	Ave		0.3952				23.4	*	20.0			
3-Chloro-1-propene	0.4590 0.3080	0.3845	0.3263	0.3378	0.3053	Ave		0.3535				16.7		20.0			
Methyl acetate	4.4091 6.4089	5.8871	6.1530	6.6758	6.3105	Ave		5.9741			0.1000	13.6		20.0			
Acetonitrile	0.7209 0.8143	0.8262	1.0473	0.9626	0.7814	Ave		0.8588				14.2		20.0			
Cyclopentene	0.6675 0.6508	0.6885	0.7315	0.7299	0.6272	Ave		0.6826				6.2		20.0			
Methylene Chloride	0.4785 0.2862	0.3723	0.3384	0.3300	0.3002	Ave		0.3510			0.1000	19.8		20.0			
2-Methyl-2-propanol	0.9906 1.5148	1.2605	1.2351	1.4450	1.4507	Ave		1.3161				14.8		20.0			
Acrylonitrile	0.1083 0.0856	0.0968	0.0893	0.0934	0.0874	Ave		0.0935				8.9		20.0			
trans-1,2-Dichloroethene	0.2972 0.2776	0.3364	0.3297	0.3174	0.2830	Ave		0.3069			0.1000	8.0		20.0			
Methyl tert-butyl ether	0.9168 0.7593	0.8989	0.8684	0.8581	0.7908	Ave		0.8487			0.1000	7.3		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.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.2277 0.1908	0.2324	0.2342	0.2362	0.1925	Ave		0.2190				9.8		20.0			
1,1-Dichloroethane	0.4417 0.4580	0.5474	0.5180	0.5189	0.4697	Ave		0.4923			0.2000	8.5		20.0			
Vinyl acetate	1.7119 1.9065	1.4711	1.5991	1.0825	1.7780	Ave		1.5915				18.3		20.0			
Isopropyl ether	0.9829 0.7411	0.7961	0.8074	0.8029	0.7416	Ave		0.8120				11.0		20.0			
2-Chloro-1,3-butadiene	0.2673 0.2653	0.2817	0.2787	0.2855	0.2625	Ave		0.2735				3.5		20.0			
Tert-butyl ethyl ether	0.4013 0.3387	0.4001	0.3805	0.3733	0.3476	Ave		0.3736				7.0		20.0			
cis-1,2-Dichloroethene	0.3395 0.3122	0.3614	0.3527	0.3481	0.3208	Ave		0.3391			0.1000	5.6		20.0			
2,2-Dichloropropane	0.1789 0.1475	0.1535	0.1467	0.1463	0.1454	Ave		0.1530				8.5		20.0			
2-Butanone (MEK)	0.6950 0.4133	0.4758	0.3887	0.3961	0.4078	Lin2	1.4876	0.3995			0.0500				0.9980		0.9900
Ethyl acetate	0.2652 0.2931	0.2617	0.3236	0.2951	0.2913	Ave		0.2883				7.9		20.0			
Propionitrile	1.8322 1.4877	1.8670	1.6412	1.7064	1.4688	Ave		1.6672				10.1		20.0			
Methyl acrylate	0.2148 0.2524	0.1920	0.2014	0.2240	0.2339	Ave		0.2198				10.0		20.0			
Methacrylonitrile	0.1065 0.1074	0.1031	0.0993	0.1037	0.1024	Ave		0.1037				2.8		20.0			
Chlorobromomethane	0.1666 0.1564	0.1781	0.1682	0.1751	0.1630	Ave		0.1679				4.7		20.0			
Tetrahydrofuran	0.7310 +++++	0.5908	0.4795	0.4993	0.4649	Ave		0.5531				20.0		20.0			
Chloroform	0.5225 0.4863	0.5597	0.5265	0.5341	0.4968	Ave		0.5210			0.2000	5.1		20.0			
1,1,1-Trichloroethane	0.4440 0.4311	0.4059	0.4143	0.4478	0.4246	Ave		0.4280			0.1000	3.8		20.0			
Cyclohexane	0.4752 0.4691	0.5193	0.5596	0.5749	0.4805	Ave		0.5131			0.1000	8.9		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.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.3453 0.3693	0.3768	0.4014	0.4101	0.3647	Ave		0.3779				6.4		20.0			
Carbon tetrachloride	0.1973 0.3373	0.2302	0.2488	0.2741	0.2918	Ave		0.2633			0.1000	18.7		20.0			
Benzene	1.5395 1.7618	1.7401	1.8505	1.9359	1.8072	Ave		1.7725			0.5000	7.5		20.0			
Isobutyl alcohol	0.1944 0.1600	0.1250	0.1349	0.1442	0.1521	Ave		0.1518				16.0		20.0			
1,2-Dichloroethane	0.4067 0.3610	0.3637	0.3542	0.3598	0.3553	Ave		0.3668			0.1000	5.4		20.0			
Isooctane	0.8838 1.2422	0.9548	1.0892	1.1746	1.1869	Ave		1.0886				13.0		20.0			
Isopropyl acetate	0.1122 0.0989	0.0751	0.0739	0.0873	0.0946	Ave		0.0903				16.3		20.0			
Tert-amyl methyl ether	0.8922 0.9304	0.8795	0.8837	0.8942	0.8846	Ave		0.8941				2.1		20.0			
n-Heptane	0.4947 0.3498	0.3210	0.3627	0.4064	0.3638	Ave		0.3831				16.0		20.0			
n-Butanol	+++++ 0.2982	0.1331	0.1259	0.1450	0.1997	Ave		0.1804				39.9	*	20.0			
Trichloroethene	0.2866 0.2838	0.2690	0.2798	0.3117	0.2743	Ave		0.2842			0.2000	5.2		20.0			
Ethyl acrylate	0.1422 0.2703	0.1479	0.1579	0.1977	0.2552	QuaF		0.2362	0.0000689						0.9990		0.9900
Methylcyclohexane	0.5165 0.5665	0.5717	0.6215	0.6426	0.5598	Ave		0.5798			0.1000	7.8		20.0			
1,2-Dichloropropane	0.2590 0.2698	0.2454	0.2596	0.2818	0.2709	Ave		0.2644			0.1000	4.8		20.0			
Dibromomethane	0.1533 0.1679	0.1705	0.1650	0.1700	0.1684	Ave		0.1658				3.9		20.0			
Methyl methacrylate	0.1202 0.1665	0.1015	0.1100	0.1305	0.1506	Ave		0.1299				19.1		20.0			
1,4-Dioxane	+++++ 1.0717	1.6304	1.2794	1.4297	1.2030	Ave		1.3228				16.3		20.0			
n-Propyl acetate	0.3113 0.2885	0.2071	0.1744	0.2244	0.2629	QuaF		0.2406	0.0000961						1.0000		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 Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromodichloromethane	0.2332 0.3638	0.2595	0.2576	0.2917	0.3352	Ave		0.2902			0.2000	17.4		20.0			
2-Nitropropane	0.0462 0.0240	0.0169	0.0199	0.0181	0.0203	QuaF		0.0179	0.0000061						1.0000		0.9900
2-Chloroethyl vinyl ether	0.0120 0.0312	0.0181	0.0132	0.0146	0.0196	QuaF		0.0120	0.0000384						1.0000		0.9900
Epichlorohydrin	0.2697 0.2826	0.2588	0.2449	0.2547	0.2661	Ave		0.2628				5.0		20.0			
cis-1,3-Dichloropropene	0.4769 0.6607	0.4863	0.5072	0.5808	0.6195	Ave		0.5552			0.2000	13.7		20.0			
4-Methyl-2-pentanone (MIBK)	3.0868 2.9995	2.8886	2.6361	2.8838	2.9145	Ave		2.9015			0.0500	5.2		20.0			
Toluene	1.6971 1.9432	1.7846	1.7768	1.9141	1.8777	Ave		1.8322			0.4000	5.2		20.0			
trans-1,3-Dichloropropene	0.3960 0.5369	0.3872	0.4013	0.4681	0.5127	Ave		0.4504			0.1000	14.4		20.0			
Ethyl methacrylate	0.3257 0.4752	0.2470	0.2645	0.3507	0.4413	QuaF		0.4047	0.0001418						1.0000		0.9900
1,1,2-Trichloroethane	0.2708 0.2849	0.2773	0.2722	0.2929	0.2879	Ave		0.2810			0.1000	3.2		20.0			
Tetrachloroethene	0.3498 0.3998	0.3760	0.3808	0.4263	0.3869	Ave		0.3866			0.2000	6.6		20.0			
1,3-Dichloropropane	0.5554 0.5378	0.5255	0.5274	0.5520	0.5456	Ave		0.5406				2.3		20.0			
2-Hexanone	2.1236 1.6433	1.3732	1.2001	1.4193	1.4646	QuaF		1.3479	0.0001181		0.0500				1.0000		0.9900
Dibromochloromethane	0.2117 0.3669	0.1811	0.1844	0.2349	0.3077	Qua2	0.0077	0.1988	0.0003660		0.1000				0.9920		0.9900
n-Butyl acetate	0.4110 0.4232	0.2069	0.2065	0.2867	0.3661	QuaF		0.3179	0.0002113						1.0000		0.9900
Ethylene Dibromide	0.3614 0.3243	0.2991	0.2971	0.3344	0.3321	Ave		0.3247			0.1000	7.4		20.0			
Chlorobenzene	1.0418 1.1711	1.1236	1.1017	1.1802	1.1074	Ave		1.1210			0.5000	4.5		20.0			
1,1,1,2-Tetrachloroethane	0.3204 0.4463	0.2691	0.2887	0.3494	0.4212	Qua2	0.0053	0.3063	0.0003229						0.9900		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 Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	0.6369 0.6599	0.5952	0.6407	0.7039	0.6453	Ave		0.6470			0.1000	5.5		20.0			
m-Xylene & p-Xylene	0.7934 0.8149	0.7615	0.8108	0.8726	0.7885	Ave		0.8070			0.1000	4.6		20.0			
o-Xylene	0.8127 0.9356	0.8344	0.8986	0.9741	0.8934	Ave		0.8914			0.3000	6.8		20.0			
Styrene	1.2101 1.3520	1.2398	1.2198	1.3293	1.2679	Ave		1.2698			0.3000	4.6		20.0			
n-Butyl acrylate	0.1710 0.2725	0.1072	0.1025	0.1561	0.2192	QuaF		0.1766	0.0001922						1.0000		0.9900
Bromoform	0.1124 0.2008	0.1093	0.0905	0.1137	0.1609	Qua2	0.0106	0.1018	0.0002107		0.1000				0.9930		0.9900
Amyl acetate (mixed isomers)	0.6296 0.8275	0.2404	0.2157	0.3970	0.6276	QuaF		0.4694	0.0007177						0.9990		0.9900
Isopropylbenzene	2.0828 2.1637	2.1949	2.2860	2.6016	2.4346	Ave		2.2939			0.1000	8.4		20.0			
Bromobenzene	0.9525 0.8395	0.8387	0.8320	0.8758	0.8264	Ave		0.8608				5.6		20.0			
1,1,2,2-Tetrachloroethane	0.9588 0.9594	0.9088	0.8914	0.9081	0.9812	Ave		0.9346			0.3000	3.9		20.0			
1,2,3-Trichloropropane	0.3438 0.2411	0.2589	0.2479	0.2742	0.2505	Ave		0.2694				14.2		20.0			
trans-1,4-Dichloro-2-butene	0.1872 0.1834	0.1520	0.1531	0.1654	0.1841	Ave		0.1709				9.4		20.0			
N-Propylbenzene	4.4458 3.8736	4.6658	4.8075	5.2295	4.9026	Ave		4.6541				9.9		20.0			
2-Chlorotoluene	2.6010 2.9561	2.7080	2.6295	2.9167	2.7946	Ave		2.7676				5.3		20.0			
4-Ethyltoluene	3.5533 3.5278	3.8425	3.9698	4.2788	3.8248	Ave		3.8328				7.3		20.0			
4-Chlorotoluene	2.5106 3.2106	2.8123	2.8262	3.1171	2.9490	Ave		2.9043				8.6		20.0			
1,3,5-Trimethylbenzene	3.1456 3.4406	3.4824	3.6058	4.0223	3.9998	Ave		3.6161				9.4		20.0			
Butyl Methacrylate	0.3721 0.9873	0.2209	0.2197	0.4539	0.7088	QuaF		0.4994	0.0009772						1.0000		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 Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	2.3086 3.2972	2.4518	2.7429	3.2911	3.3349	Ave		2.9044				16.0		20.0			
1,2,4-Trimethylbenzene	3.5035 3.5234	3.8283	3.8018	4.1393	3.9404	Ave		3.7894				6.5		20.0			
sec-Butylbenzene	3.8384 3.7698	4.4442	4.8342	5.6039	5.5253	Ave		4.6693				17.1		20.0			
1,3-Dichlorobenzene	1.6135 1.6989	1.7418	1.6470	1.8101	1.6319	Ave		1.6905			0.6000	4.4		20.0			
4-Isopropyltoluene	3.0786 3.4932	3.9481	4.1215	4.6969	4.6385	Ave		3.9961				15.9		20.0			
1,4-Dichlorobenzene	1.8223 1.7155	1.7395	1.6431	1.7733	1.6427	Ave		1.7227			0.5000	4.1		20.0			
1,2,3-Trimethylbenzene	3.9995 3.6178	3.8997	3.8623	4.4192	4.2518	Ave		4.0084				7.2		20.0			
Benzyl chloride	0.7803 1.5130	0.6536	0.6514	0.8596	1.1484	Qua2	0.0654	0.6977	0.0017219						0.9940		0.9900
Indan	3.1834 3.0465	3.9408	3.6859	4.0591	3.6560	Ave		3.5953				11.2		20.0			
1,2-Dichlorobenzene	1.8888 1.7696	1.8679	1.7794	1.9097	1.7868	Ave		1.8337			0.4000	3.4		20.0			
p-Diethylbenzene	2.0560 2.3492	2.0410	2.1081	2.3982	2.2027	Ave		2.1925				6.9		20.0			
n-Butylbenzene	2.0014 2.3237	2.3847	2.1934	2.4551	2.2568	Ave		2.2692				7.1		20.0			
1,2,4,5-Tetramethylbenzene	3.7256 3.4413	3.9467	4.0753	4.6627	4.5078	Ave		4.0599				11.4		20.0			
1,2-Dibromo-3-Chloropropane	0.1547 0.2258	0.1357	0.1216	0.1540	0.2086	QuaF		0.1890	0.0000741		0.0500				0.9990		0.9900
1,3,5-Trichlorobenzene	1.3881 1.4467	1.4539	1.3842	1.5142	1.3657	Ave		1.4255				3.9		20.0			
1,2,4-Trichlorobenzene	1.5741 1.4091	1.3824	1.3387	1.4441	1.3270	Ave		1.4126			0.2000	6.4		20.0			
Hexachlorobutadiene	0.3728 0.6068	0.5058	0.5276	0.5551	0.5687	Ave		0.5228				15.5		20.0			
Naphthalene	4.6011 3.0846	3.9487	3.6932	4.0428	3.7925	Ave		3.8605				12.8		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.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	1.5252 1.3584	1.3653	1.3656	1.4852	1.3726	Ave		1.4121				5.2		20.0			
Dibromofluoromethane (Surr)	0.2775 0.2459	0.2694	0.2694	0.2636	0.2541	Ave		0.2633				4.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2667 0.2507	0.2710	0.2823	0.2600	0.2610	Ave		0.2653				4.1		20.0			
Toluene-d8 (Surr)	1.4717 1.5561	1.4824	1.5338	1.5767	1.5611	Ave		1.5303				2.8		20.0			
Bromofluorobenzene	0.3845 0.3814	0.3940	0.3914	0.3929	0.3823	Ave		0.3878				1.5		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 Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-870018/3	K38862.D
Level 2	STD5 460-870018/4	K38863.D
Level 3	STD20 460-870018/5	K38864.D
Level 4	STD50 460-870018/6	K38865.D
Level 5	STD200 460-870018/7	K38866.D
Level 6	STD500 460-870018/8	K38867.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	3212 1797991	13372	63911	154180	659023	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	QuaF	2310 749431	6640	24376	64650	268932	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	6880 4945526	41172	208000	506618	1792973	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6700 4601776	41679	177400	452895	1657039	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4261 3019556	23510	113102	280606	1055298	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4533 3351510	30647	132216	316810	1251063	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	6084 2985660	28047	114957	294884	1110329	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4107 2243400	16787	80579	209288	784609	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	8235 6748670	48825	233981	609264	2394028	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6486 5504140	43645	202502	506144	1961619	1.00 500	5.00	20.0	50.0	200
Pentane	TBAd 9	Ave	1600 1153715	8698	38444	97720	367741	2.00 1000	10.0	40.0	100	400
Ethyl ether	FB	Ave	3633 1980695	16654	63892	162593	704417	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd 9	Ave	+++++	+++++	12384	37928	172944	+++++	+++++	800	2000	8000

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			499417					20000				
2-Methyl-1,3-butadiene	FB	Ave	2993 2478253	16988	82591	211548	833673	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	5539 3042364	21864	101540	252311	1082466	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	9159 4740704	34984	152803	359033	1676042	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	58669 450252	115363	159068	187743	317575	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	3380 2620467	18579	79754	214357	888518	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3955 3313009	21018	105200	274224	1129361	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Lin2	8031 4580024	30576	109071	307323	1541630	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	7086 5055163	37933	158639	421543	1770150	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11610 8771123	65859	287258	753393	3016376	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	+++++ 1245317	+++++	20486	51042	343456	+++++ 5000	+++++	200	500	2000
3-Chloro-1-propene	FB	Ave	5812 3176288	25087	91421	249877	1063947	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBAd9	Ave	2609 3089928	16431	74687	219088	1043404	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	2133 1963120	11530	63560	157948	645976	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	8451 6711193	44925	204986	539875	2185512	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	6059 2951987	24297	94837	244091	1045956	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	2931 3651613	17591	74963	237114	1199320	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	Ave	13713 8824057	63142	250334	690897	3047192	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	3763 2862634	21953	92391	234778	986090	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	11608 7830353	58659	243335	634668	2755573	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	2883 1967526	15167	65630	174664	670656	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5592 4723353	35723	145156	383809	1636626	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	TBAd9	Ave	1013 919195	4106	19410	35527	293986	2.00 1000	10.0	40.0	100	400
Isopropyl ether	FB	Ave	12445 7643384	51949	226230	593871	2584254	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	3384 2735767	18381	78100	211128	914588	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	5081 3493264	26107	106630	276067	1211364	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4299 3219787	23581	98821	257471	1118028	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2265 1520715	10019	41096	108192	506822	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Lin2	3354 1763356	11498	41555	117729	584504	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	512 500228	2529	13840	35083	167018	2.00 1000	10.0	40.0	100	400
Propionitrile	TBAd9	Ave	5421 3586366	26054	99610	280005	1214276	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	Ave	2720	12527	56437	165648	815207	1.00	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			2603496					500				
Methacrylonitrile	FB	Ave	13480 11080921	67250	278154	767217	3568822	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	2110 1613459	11624	47128	129488	568069	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	1411 +++++	5710	20507	59351	266504	2.00 +++++	10.0	40.0	100	400
Chloroform	FB	Ave	6615 5014687	36525	147522	395005	1731259	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5622 4445625	26488	116101	331212	1479630	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6017 4837889	33888	156817	425223	1674294	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4372 3808499	24588	112471	303323	1271025	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2498 3478229	15022	69717	202755	1016997	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	12874 11870846	74045	327894	898746	3954601	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	1438 964028	4362	20468	59137	314316	25.0 12500	125	500	1250	5000
1,2-Dichloroethane	FB	Ave	5149 3723239	23734	99252	266120	1238139	1.00 500	5.00	20.0	50.0	200
Isooctane	FB	Ave	11190 12810430	62305	305217	868734	4135958	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	1420 1019529	4898	20709	64592	329785	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	11296 9595633	57393	247615	661380	3082733	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	6264 3607320	20949	101632	300550	1267752	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	Ave	+++++ 1797157	4642	19098	59503	412729	+++++ 12500	125	500	1250	5000

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	3629 2927015	17550	78406	230517	955984	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	QuaF	1801 2787569	9649	44247	146226	889411	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	6539 5842331	37308	174153	475251	1950892	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3279 2781974	16014	72729	208454	944146	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1941 1731423	11125	46229	125734	586758	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3043 3434238	13251	61633	193000	1049915	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	+++++ 625200	5680	19448	51578	231781	+++++ 10000	100	400	1000	4000
n-Propyl acetate	FB	QuaF	3942 2974809	13513	48871	165972	916066	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	2953 3751637	16932	72172	215785	1168060	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1169 494549	2201	11156	26767	141730	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	QuaF	152 322810	1187	3695	10855	68376	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	5206 4823537	25015	104722	302755	1525301	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	3988 4451519	20694	89867	269655	1355725	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	14896 12797930	69798	281842	857032	4177098	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	14192 13093341	75941	314828	888600	4108960	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	3312 3617743	16477	71108	217337	1121940	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	QuaF	2724 3201664	10511	46863	162801	965630	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	2265 1919970	11798	48230	135957	630083	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	2925 2693940	16001	67480	197923	846635	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	4645 3623828	22360	93453	256256	1194012	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	QuaF	10248 7011440	33182	128310	421799	2099120	5.00 2500	25.0	100	250	1000
Dibromochloromethane	CBNZ d5	Qua2	1770 2472100	7706	32670	109058	673249	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	QuaF	3437 2851833	8804	36586	133089	801032	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	3022 2185379	12727	52639	155232	726820	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	8712 7891063	47811	195208	547919	2423372	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Qua2	2679 3007085	11449	51159	162215	921735	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	5326 4446694	25328	113526	326765	1412133	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	6635 5490700	32403	143669	405125	1725453	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
o-Xylene	CBNZ d5	Ave	6796 6304276	35505	159217	452214	1954920	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	10120 9109700	52758	216144	617140	2774594	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	QuaF	1430 1835867	4560	18155	72480	479581	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Qua2	940 1353003	4650	16032	52765	352173	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	QuaF	2829 2997870	5538	20624	101011	726773	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	17418 14578786	93399	405046	1207801	5327641	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	4280 3041499	19323	79563	222817	956932	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	4308 3475674	20937	85237	231042	1136213	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	1545 873540	5964	23706	69757	290079	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	841 664431	3502	14641	42090	213230	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	19976 14033421	107493	459716	1330501	5676847	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	11687 10709514	62388	251440	742078	3235930	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Ethyltoluene	DCBd 4	Ave	15966 12780826	88525	379611	1088614	4428839	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	11281 11631626	64791	270250	793063	3414783	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	14134 12464878	80230	344803	1023362	4631451	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	QuaF	1672 3576807	5089	21012	115472	820776	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	10373 11945456	56486	262291	837324	3861583	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	15742 12764944	88198	363540	1053140	4562702	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	17247 13657546	102388	462261	1425764	6397877	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	7250 6154809	40129	157492	460528	1889650	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	13833 12655234	90958	394116	1194990	5371024	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	8188 6215100	40076	157118	451178	1902117	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	17971 13106747	89844	369324	1124350	4923252	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Qua2	3506 5481469	15057	62286	218692	1329731	1.00 500	5.00	20.0	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Indan	DCBd 4	Ave	14304 11037042	90789	352461	1032721	4233365	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	8487 6410972	43034	170149	485864	2069021	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	9238 8511024	47021	201588	610157	2550541	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	8993 8418547	54939	209739	624633	2613236	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	16740 12467533	90927	389701	1186293	5219752	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	QuaF	695 817930	3127	11627	39180	241520	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	6237 5241318	33496	132360	385252	1581348	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	7073 5104857	31849	128012	367420	1536555	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	1675 2198473	11652	50454	141219	658472	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	20674 11175127	90973	353163	1028583	4391404	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	6853 4921451	31455	130587	377879	1589396	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	175674 253641	175765	188728	194956	221369	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	168824	176839	197787	192318	227361	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.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			258551					50.0				
Toluene-d8 (Surr)	CBNZ d5	Ave	615359 1048477	630812	679412	731994	854019	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	160785 257005	167666	173368	182382	209151	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-267360-1 Analy Batch No.: 870018

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/04/2022 12:52 Calibration End Date: 10/04/2022 14:43 Calibration ID: 91486

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-870018/3	K38862.D
Level 2	STD5 460-870018/4	K38863.D
Level 3	STD20 460-870018/5	K38864.D
Level 4	STD50 460-870018/6	K38865.D
Level 5	STD200 460-870018/7	K38866.D
Level 6	STD500 460-870018/8	K38867.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
Acetone	-1.2						30					
2-Butanone (MEK)	-0.5						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 04-Oct-2022 12:52:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0151264-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2022 16:23:47 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: RD6L Date: 04-Oct-2022 14:41:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.081	1.070	0.011	1	719	NC	NC	
2 Chlorotrifluoroethene	116	1.138	1.150	-0.012	21	3212	1.00	1.21	
5 Chlorodifluoromethane	67	1.150	1.161	-0.011	27	2310	1.00	2.24	
4 Dichlorodifluoromethane	85	1.161	1.173	-0.012	22	6880	1.00	0.9067	
6 Chloromethane	50	1.276	1.298	-0.022	86	6700	1.00	0.9520	M
7 Butadiene	54	1.344	1.356	-0.012	87	4261	1.00	0.9729	
8 Vinyl chloride	62	1.356	1.367	-0.011	44	4533	1.00	0.8906	
9 Bromomethane	94	1.561	1.573	-0.012	83	6084	1.00	1.24	
10 Chloroethane	64	1.607	1.618	-0.011	69	4107	1.00	1.22	
11 Dichlorofluoromethane	67	1.744	1.767	-0.023	96	8235	1.00	0.8872	
12 Trichlorofluoromethane	101	1.790	1.813	-0.023	36	6486	1.00	0.8341	M
13 Pentane	72	1.813	1.824	-0.011	89	1600	2.00	1.96	
15 Ethyl ether	59	1.950	1.961	-0.011	76	3633	1.00	1.24	
16 2-Methyl-1,3-butadiene	53	1.961	1.973	-0.012	45	2993	1.00	0.9109	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.961	1.984	-0.023	63	5539	1.00	1.26	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.019	2.030	-0.011	44	9159	1.00	1.34	a
19 Acrolein	56	2.041	2.053	-0.012	96	58669	100.0	115.3	
21 1,1-Dichloroethene	96	2.110	2.121	-0.011	73	3380	1.00	0.9795	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.156	2.156	0.000	40	3955	1.00	0.9251	
22 Acetone	43	2.156	2.167	-0.011	20	8031	5.00	4.94	M
23 Iodomethane	142	2.224	2.236	-0.012	88	7086	1.00	1.03	
25 Carbon disulfide	76	2.270	2.281	-0.011	77	11610	1.00	0.9676	
26 3-Chloro-1-propene	39	2.361	2.373	-0.012	76	5812	1.00	1.30	
27 Methyl acetate	43	2.407	2.396	0.011	65	2609	2.00	1.48	
28 Cyclopentene	67	2.453	2.441	0.012	62	8451	1.00	0.9779	
29 Acetonitrile	39	2.430	2.441	-0.011	19	2133	10.0	8.39	a
31 Methylene Chloride	84	2.453	2.464	-0.011	73	6059	1.00	1.36	
* 30 TBA-d9 (IS)	65	2.579	2.590	-0.011	73	295867	1000.0	1000.0	
35 Acrylonitrile	53	2.647	2.658	-0.011	66	13713	10.0	11.6	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	64	3763	1.00	0.9684	

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	2.693	2.681	0.012	67	11608	1.00	1.08	M
32 2-Methyl-2-propanol	59	2.636	2.681	-0.045	1	2931	10.0	7.53	a
36 Hexane	43	2.887	2.899	-0.011	78	2883	1.00	1.04	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	61	5592	1.00	0.8972	
39 Vinyl acetate	86	3.024	3.047	-0.023	9	1013	2.00	2.15	
37 Isopropyl ether	45	3.059	3.070	-0.011	83	12445	1.00	1.21	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	81	3384	1.00	0.9773	
41 Tert-butyl ethyl ether	87	3.367	3.379	-0.012	37	5081	1.00	1.07	
* 42 2-Butanone-d5	46	3.424	3.470	-0.046	98	241286	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	29	4299	1.00	1.00	
43 2,2-Dichloropropane	79	3.493	3.516	-0.023	48	2265	1.00	1.17	a
46 2-Butanone (MEK)	72	3.504	3.527	-0.023	28	3354	5.00	4.98	
45 Ethyl acetate	70	3.539	3.550	-0.011	71	512	2.00	1.84	
48 Propionitrile	54	3.573	3.573	0.000	11	5421	10.0	11.0	
47 Methyl acrylate	55	3.573	3.573	0.000	41	2720	1.00	0.9776	
51 Methacrylonitrile	67	3.676	3.710	-0.034	87	13480	10.0	10.3	a
50 Chlorobromomethane	128	3.699	3.710	-0.011	56	2110	1.00	0.99	
49 Tetrahydrofuran	72	3.744	3.779	-0.035	43	1411	2.00	2.64	
52 Chloroform	83	3.790	3.790	0.000	78	6615	1.00	1.00	
$ 55 Dibromofluoromethane (Surr)	113	3.927	3.939	-0.012	94	175674	50.0	52.7	
54 1,1,1-Trichloroethane	97	3.962	3.973	-0.011	93	5622	1.00	1.04	
53 Cyclohexane	84	4.019	4.030	-0.011	62	6017	1.00	0.9262	
57 1,1-Dichloropropene	75	4.122	4.121	0.001	86	4372	1.00	0.9136	
56 Carbon tetrachloride	117	4.122	4.133	-0.011	66	2498	1.00	0.7494	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	168824	50.0	50.3	
58 Isobutyl alcohol	74	4.316	4.327	-0.011	29	1438	25.0	32.0	a
60 Benzene	78	4.316	4.327	-0.011	91	12874	1.00	0.8685	
64 1,2-Dichloroethane	62	4.339	4.339	0.000	64	5149	1.00	1.11	
62 Isopropyl acetate	61	4.419	4.419	0.000	76	1420	1.00	1.24	
59 Isooctane	57	4.407	4.419	-0.012	81	11190	1.00	0.8119	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	90	11296	1.00	1.00	
* 66 Fluorobenzene	96	4.602	4.602	0.000	100	633068	50.0	50.0	
65 n-Heptane	43	4.602	4.613	-0.011	36	6264	1.00	1.29	a
69 Trichloroethene	95	4.990	5.002	-0.012	91	3629	1.00	1.01	
70 Ethyl acrylate	55	5.139	5.139	0.000	33	1801	1.00	0.6022	a
71 Methylcyclohexane	83	5.219	5.219	0.000	87	6539	1.00	0.8908	
72 1,2-Dichloropropane	63	5.230	5.242	-0.012	48	3279	1.00	0.9794	M
77 Dibromomethane	93	5.379	5.379	0.000	31	1941	1.00	0.9244	M
74 Methyl methacrylate	69	5.402	5.402	0.000	60	3043	2.00	1.85	
* 73 1,4-Dioxane-d8	96	5.345	5.424	-0.079	92	36361	1000.0	1000.0	
76 n-Propyl acetate	43	5.482	5.482	0.000	55	3942	1.00	1.29	
78 Dichlorobromomethane	83	5.550	5.562	-0.012	41	2953	1.00	0.8038	
79 2-Nitropropane	41	5.847	5.836	0.011	10	1169	2.00	5.15	
67 2-Chloroethyl vinyl ether	63	5.939	5.950	-0.011	8	152	1.00	1.00	Ma
80 Epichlorohydrin	57	6.007	6.007	0.000	73	5206	20.0	20.5	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	88	3988	1.00	0.8589	
82 4-Methyl-2-pentanone (MIBK)	43	6.350	6.350	0.000	93	14896	5.00	5.32	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	100	615359	50.0	48.1	
84 Toluene	91	6.533	6.533	0.000	93	14192	1.00	0.9262	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	92	3312	1.00	0.8793	
86 Ethyl methacrylate	69	7.025	7.025	0.000	1	2724	1.00	0.8046	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	90	2265	1.00	0.9638	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 Tetrachloroethene	166	7.253	7.265	-0.012	87	2925	1.00	0.9047	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	69	4645	1.00	1.03	
90 2-Hexanone	43	7.482	7.482	0.000	93	10248	5.00	7.87	
92 Chlorodibromomethane	129	7.608	7.619	-0.011	87	1770	1.00	1.02	
91 n-Butyl acetate	43	7.699	7.699	0.000	83	3437	1.00	1.29	
93 Ethylene Dibromide	107	7.745	7.756	-0.011	81	3022	1.00	1.11	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	418136	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	94	8712	1.00	0.9293	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	75	2679	1.00	1.03	
96 Ethylbenzene	106	8.682	8.682	0.000	97	5326	1.00	0.9844	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	6635	1.00	0.9832	
100 o-Xylene	106	9.345	9.345	0.000	95	6796	1.00	0.9116	
101 Styrene	104	9.368	9.368	0.000	94	10120	1.00	0.9530	
99 n-Butyl acrylate	73	9.379	9.379	0.000	57	1430	1.00	0.9674	
103 Bromoform	173	9.539	9.551	-0.012	26	940	1.00	1.00	
102 Amyl acetate (mixed isomers)	43	9.654	9.653	0.001	78	2829	1.00	1.34	
104 Isopropylbenzene	105	9.779	9.779	0.000	94	17418	1.00	0.9080	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	160785	50.0	49.6	
106 Bromobenzene	156	10.054	10.054	0.000	97	4280	1.00	1.11	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	96	4308	1.00	1.03	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	81	1545	1.00	1.28	
110 trans-1,4-Dichloro-2-butene	53	10.168	10.156	0.012	9	841	1.00	1.10	a
108 N-Propylbenzene	91	10.202	10.202	0.000	99	19976	1.00	0.9552	
111 2-Chlorotoluene	91	10.259	10.271	-0.012	96	11687	1.00	0.9398	
112 4-Ethyltoluene	105	10.316	10.316	0.000	99	15966	1.00	0.9271	
114 4-Chlorotoluene	91	10.374	10.374	0.000	95	11281	1.00	0.8645	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	90	14134	1.00	0.8699	
115 Butyl Methacrylate	87	10.522	10.522	0.000	61	1672	1.00	0.7440	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	10373	1.00	0.7948	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	96	15742	1.00	0.9245	
118 sec-Butylbenzene	105	10.877	10.876	0.001	99	17247	1.00	0.8221	
120 1,3-Dichlorobenzene	146	10.957	10.956	0.001	91	7250	1.00	0.9544	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	224663	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	70	13833	1.00	0.7704	
122 1,4-Dichlorobenzene	146	11.037	11.036	0.001	91	8188	1.00	1.06	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	97	17971	1.00	1.00	
124 Benzyl chloride	91	11.162	11.162	0.000	96	3506	1.00	1.02	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	95	14304	1.00	0.8855	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	91	8487	1.00	1.03	
126 p-Diethylbenzene	119	11.345	11.345	0.000	91	9238	1.00	0.9377	
127 n-Butylbenzene	92	11.357	11.356	0.001	97	8993	1.00	0.8820	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	98	16740	1.00	0.9176	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	31	695	1.00	0.8183	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	94	6237	1.00	0.9738	
132 1,2,4-Trichlorobenzene	180	12.580	12.579	0.001	87	7073	1.00	1.11	
133 Hexachlorobutadiene	225	12.717	12.705	0.012	72	1675	1.00	0.7131	
134 Naphthalene	128	12.751	12.751	0.000	99	20674	1.00	1.19	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	93	6853	1.00	1.08	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.97	
S 137 Xylenes, Total	100				0		2.00	1.89	
S 139 Total BTEX	1				0		5.00	4.67	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00496	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	1.00	Units: uL	
ACROLEIN W_00144	Amount Added:	10.00	Units: uL	
524freon_00058	Amount Added:	1.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Oct-2022 16:23:48 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D

Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9 Operator ID:

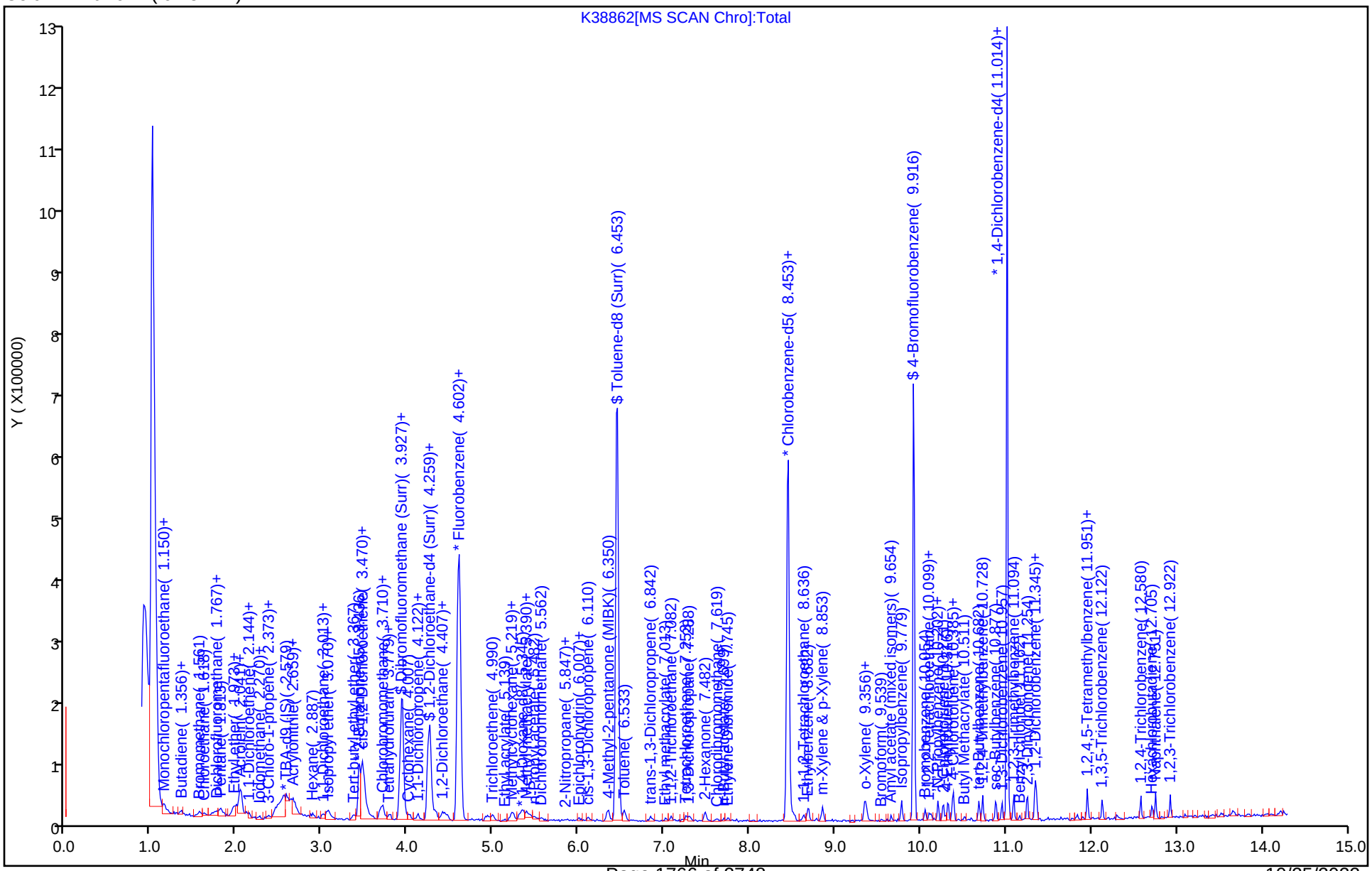
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

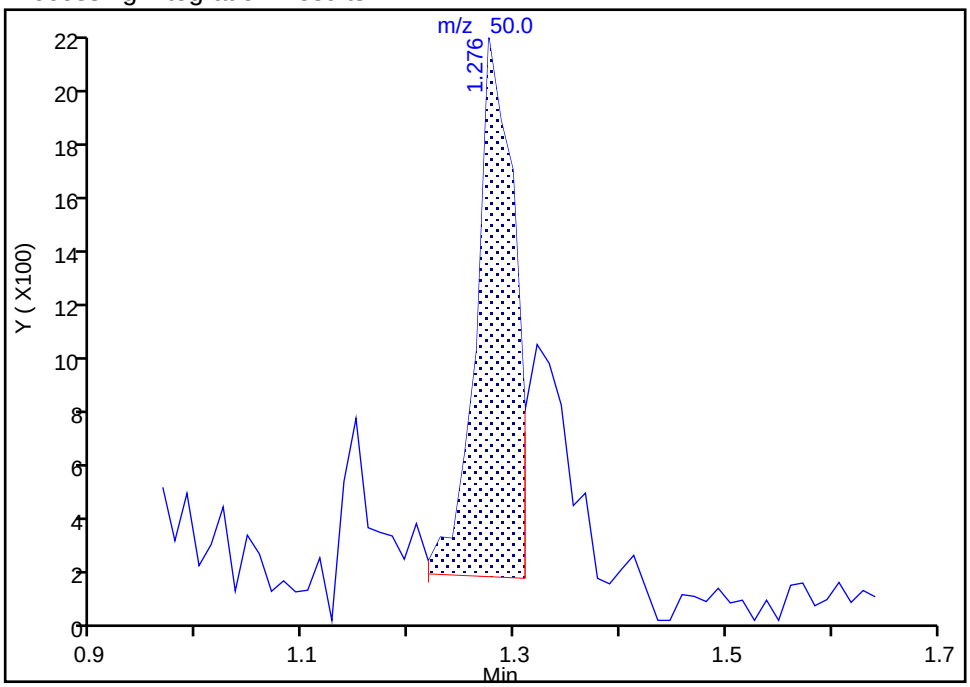
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

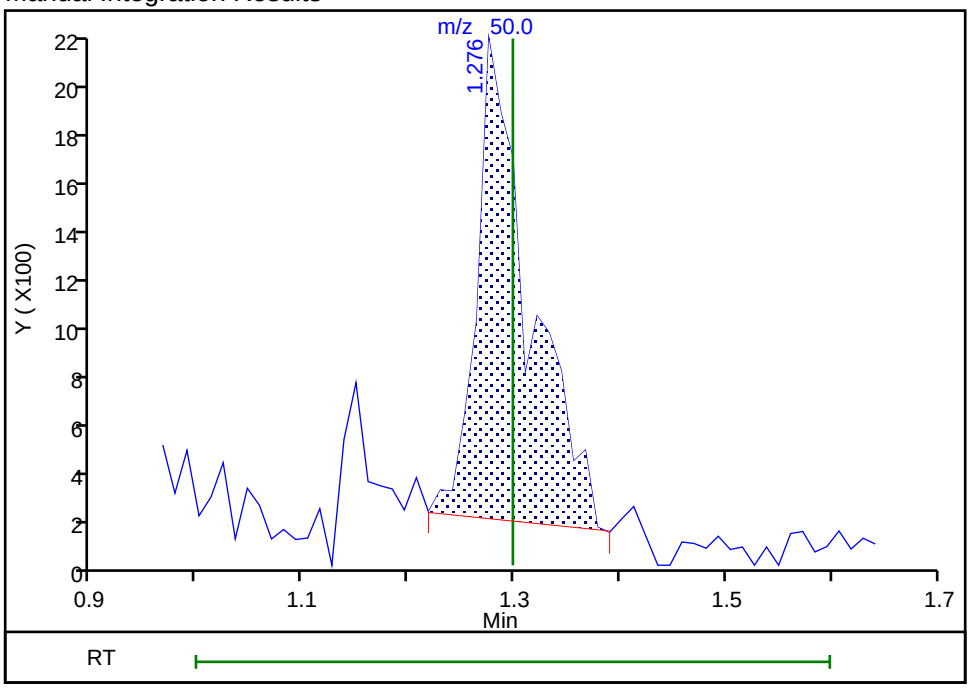
Processing Integration Results

RT: 1.28
Area: 4972
Amount: 0.762415
Amount Units: ug/l



Manual Integration Results

RT: 1.28
Area: 6700
Amount: 0.952015
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 16:14:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

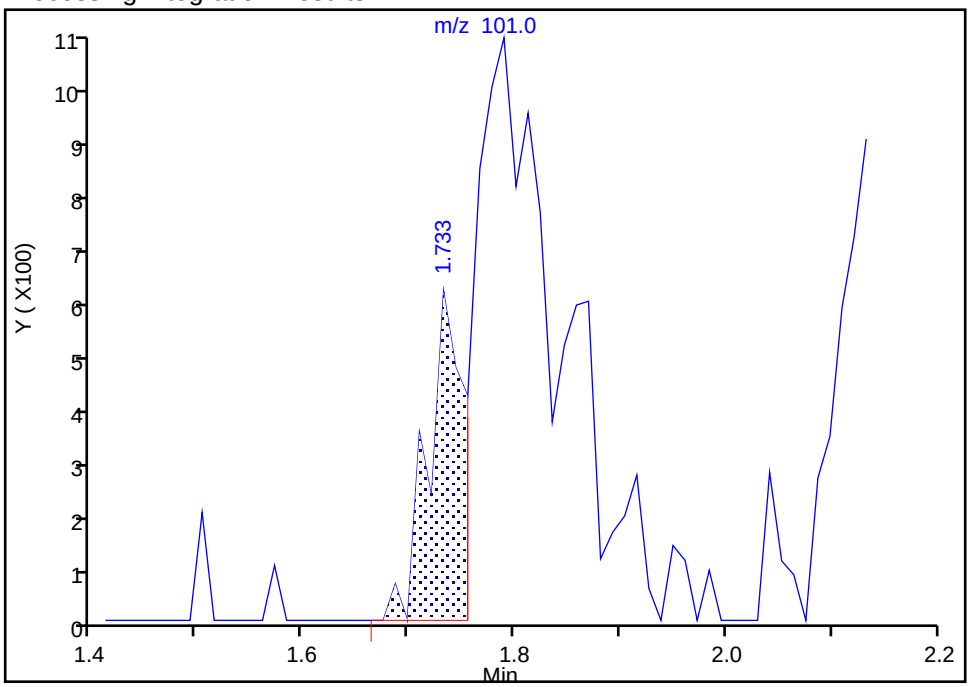
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Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

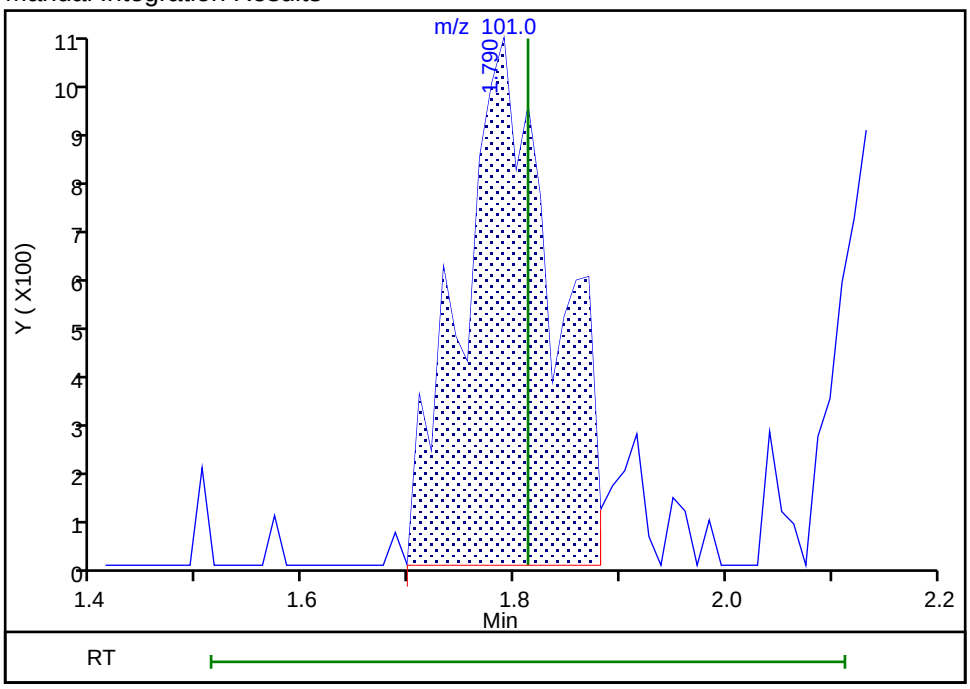
Processing Integration Results

RT: 1.73
Area: 1437
Amount: 0.189053
Amount Units: ug/l



Manual Integration Results

RT: 1.79
Area: 6486
Amount: 0.834141
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:42:28
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

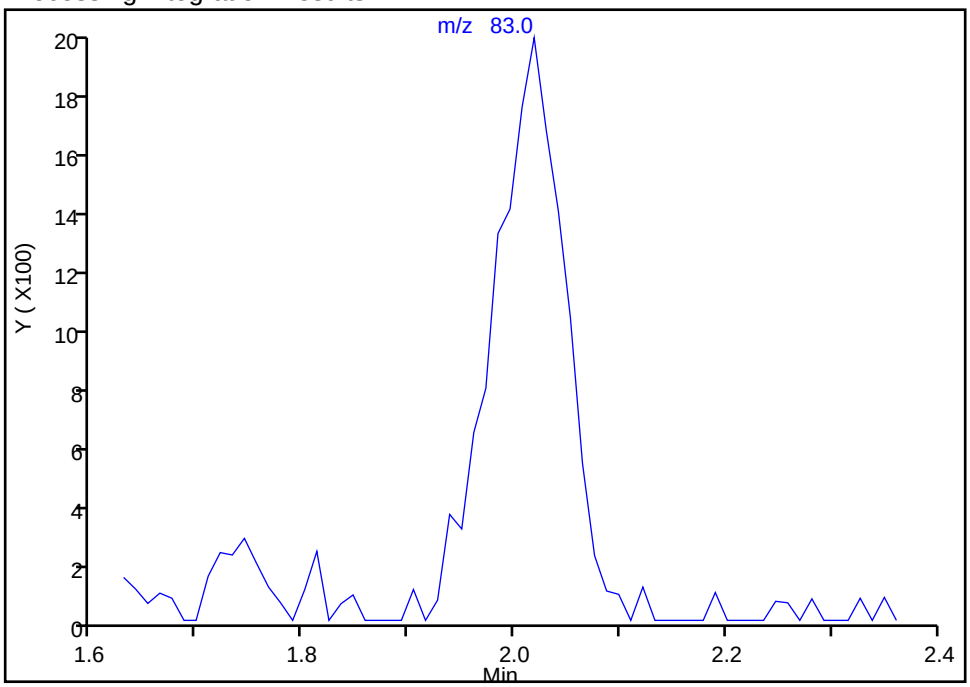
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

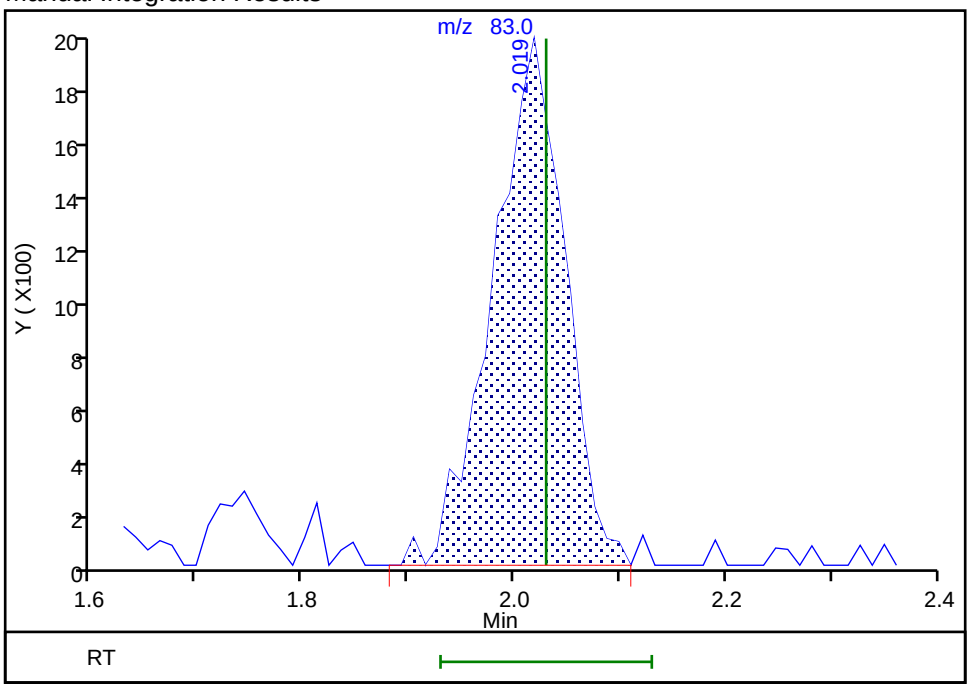
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 9159
Amount: 1.343370
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:42:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

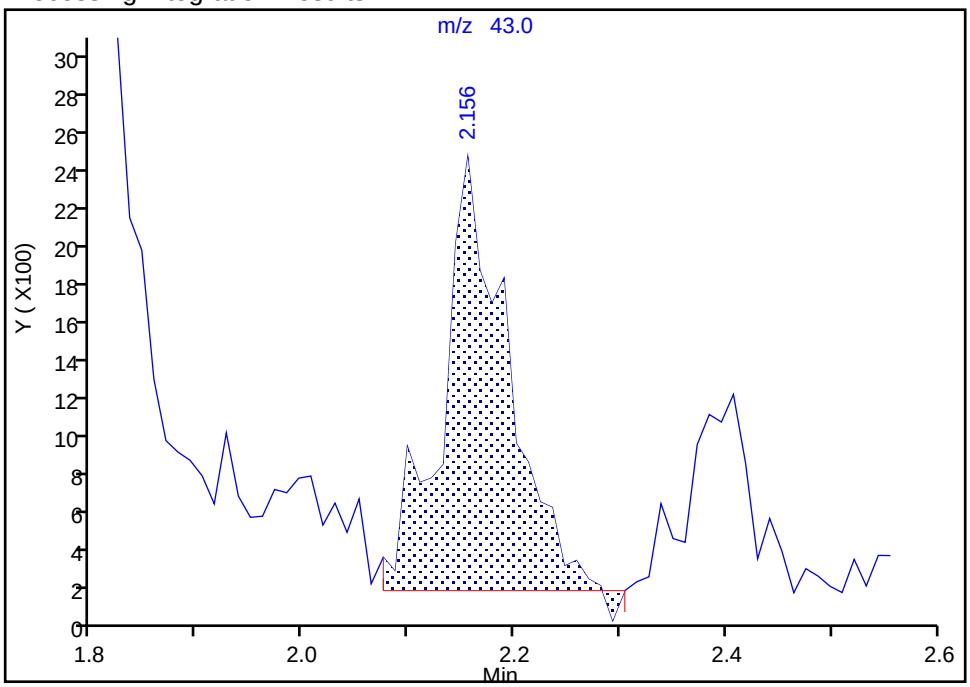
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

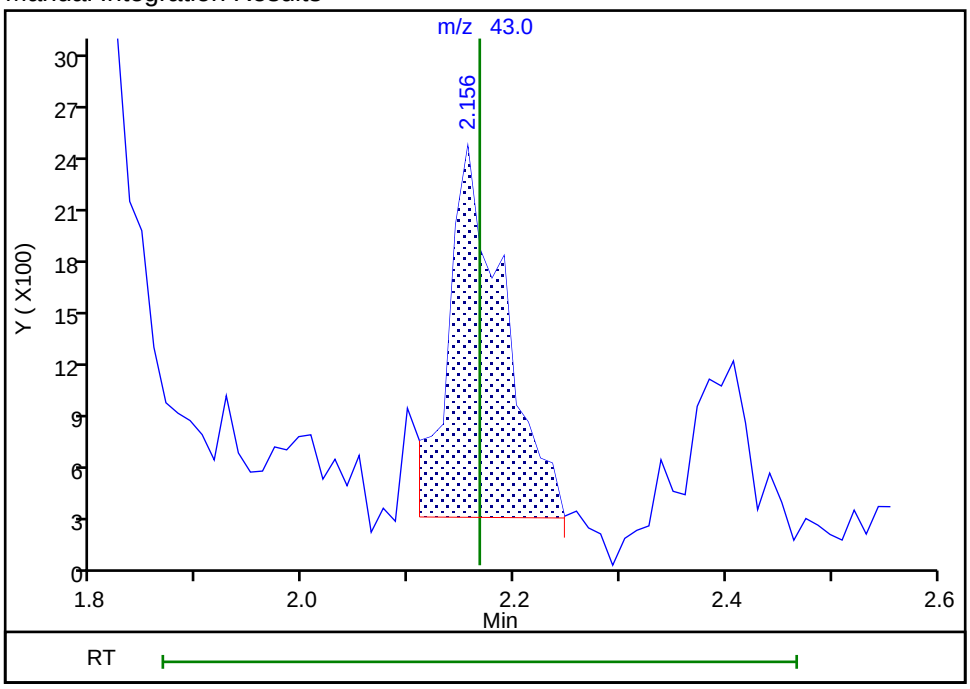
Processing Integration Results

RT: 2.16
Area: 9889
Amount: 9.572903
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 8031
Amount: 4.938824
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 16:14:44
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

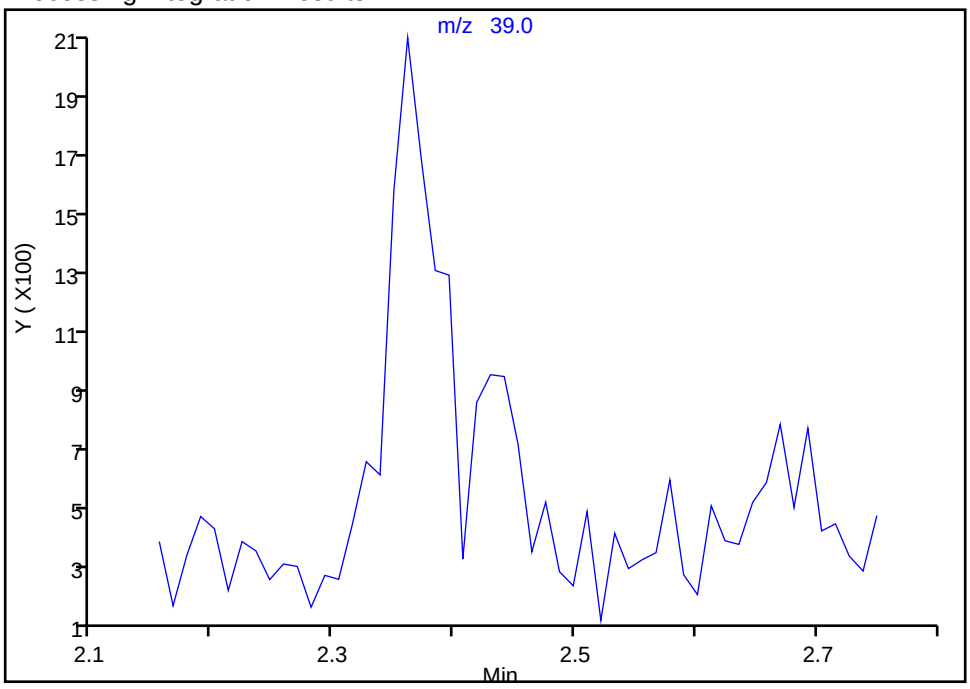
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

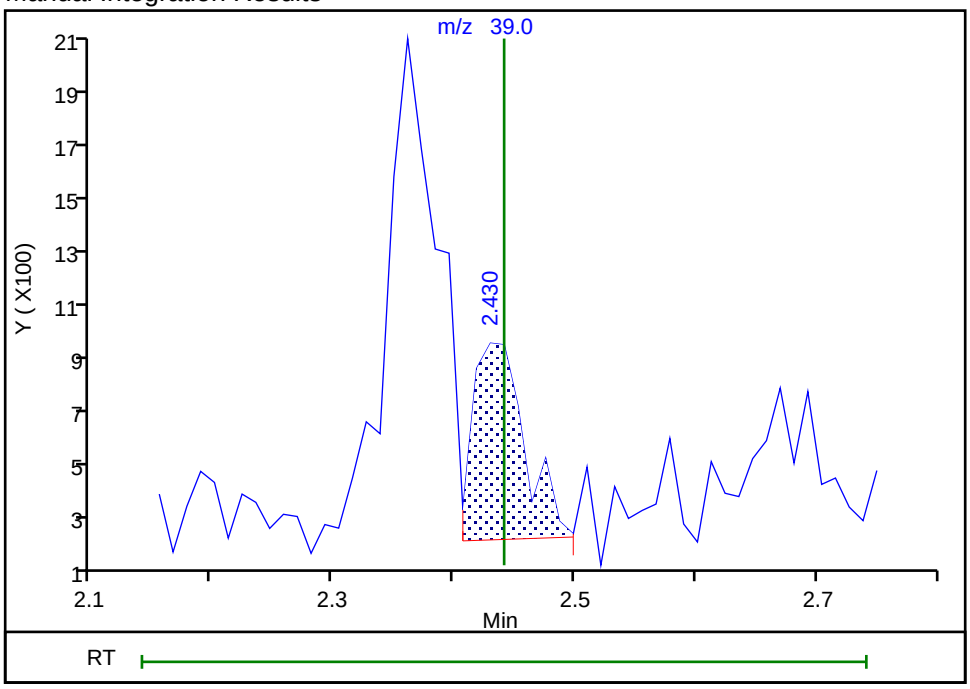
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 2133
Amount: 8.394808
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:43:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

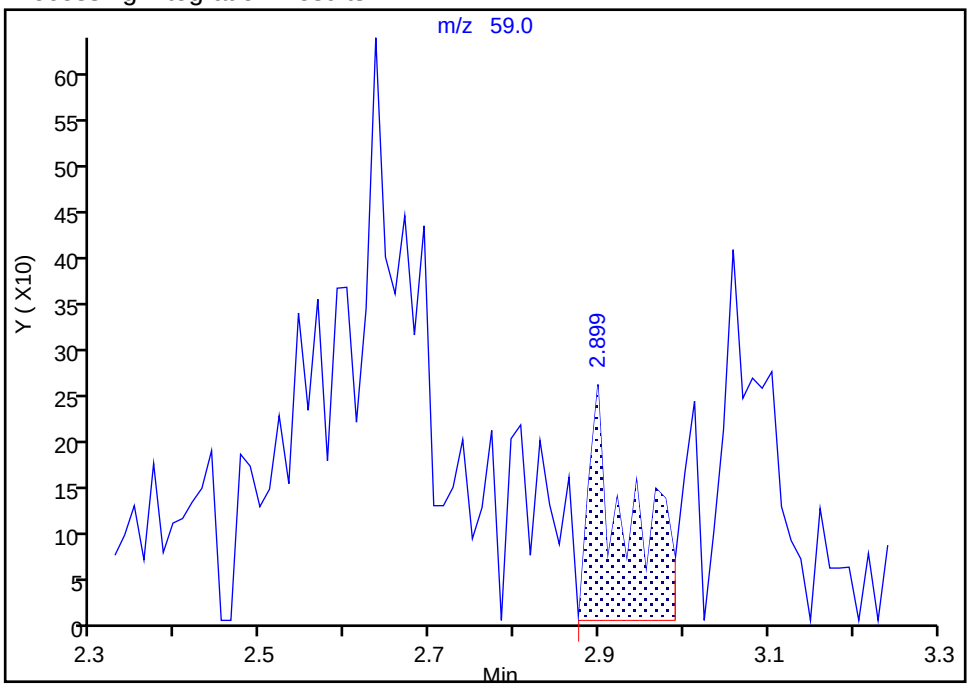
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

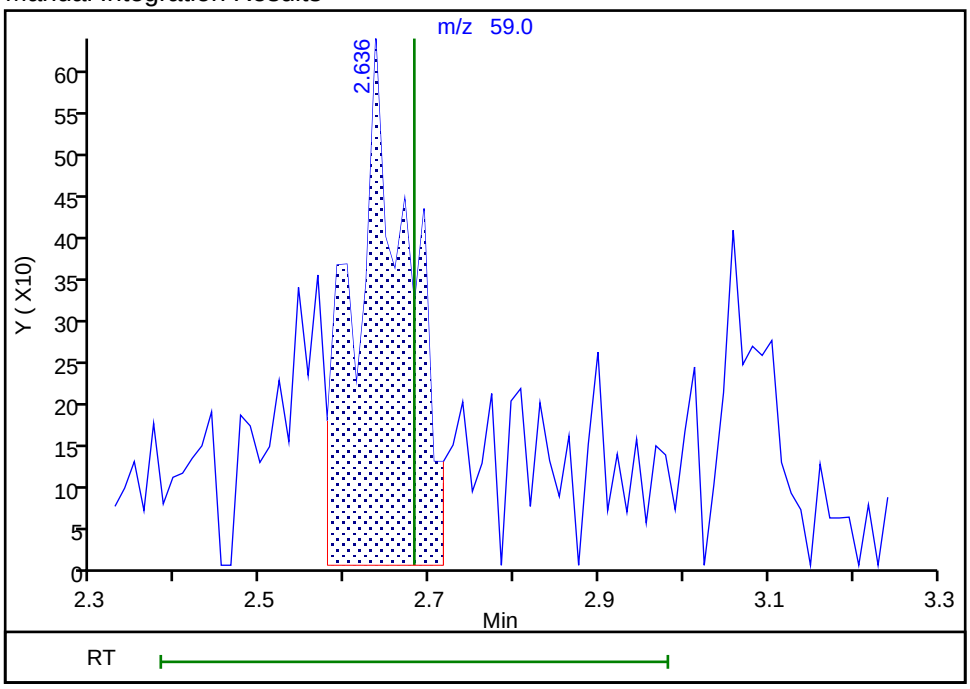
Processing Integration Results

RT: 2.90
Area: 832
Amount: 1.998341
Amount Units: ug/l



Manual Integration Results

RT: 2.64
Area: 2931
Amount: 7.526930
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:43:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

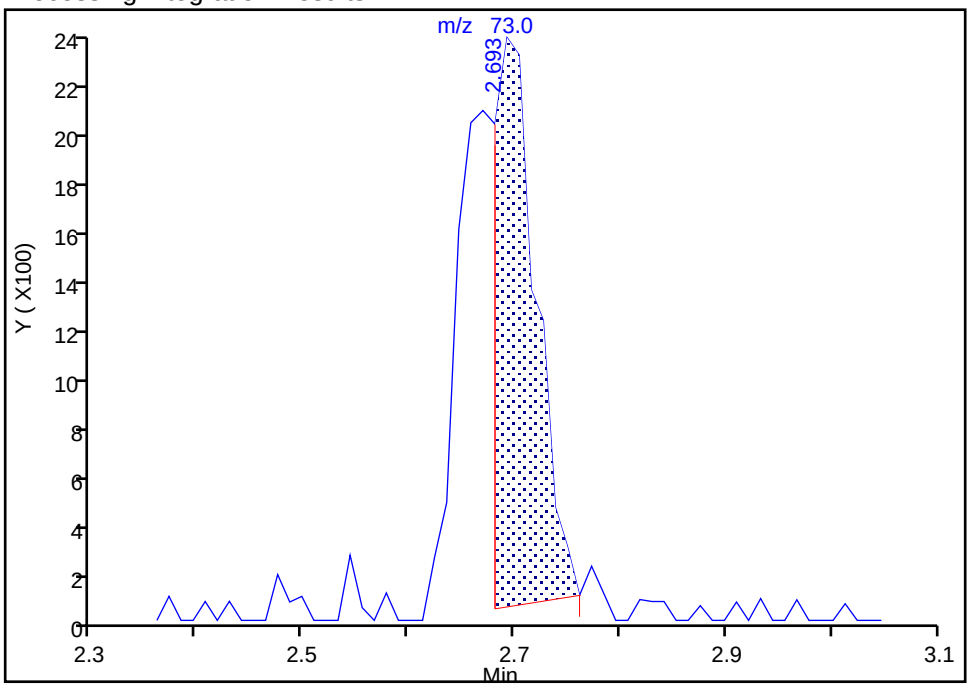
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

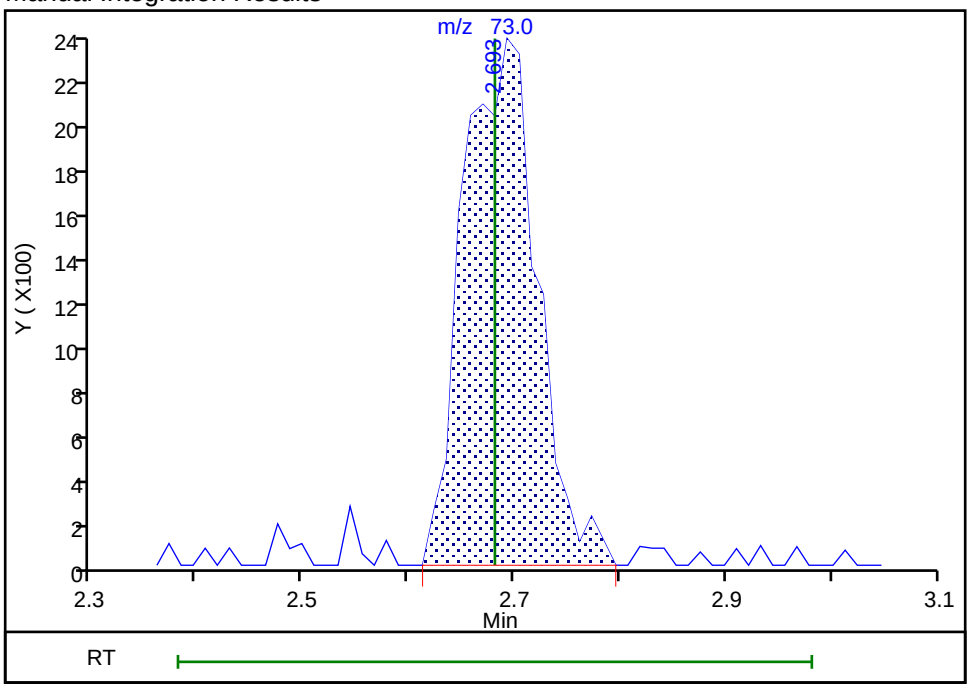
Processing Integration Results

RT: 2.69
Area: 6551
Amount: 0.661516
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 11608
Amount: 1.080232
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:43:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

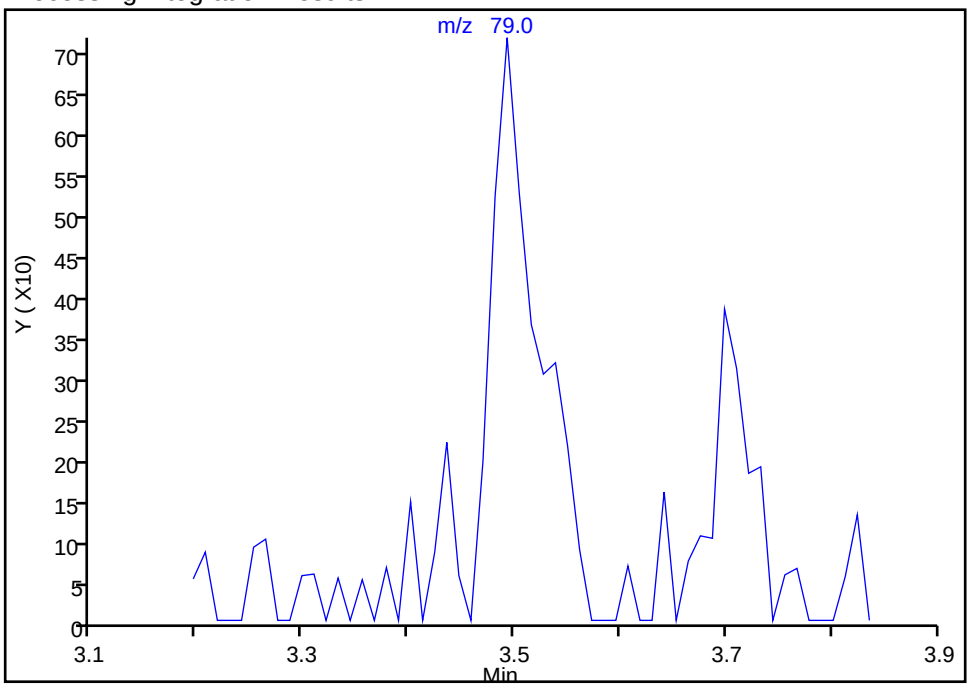
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

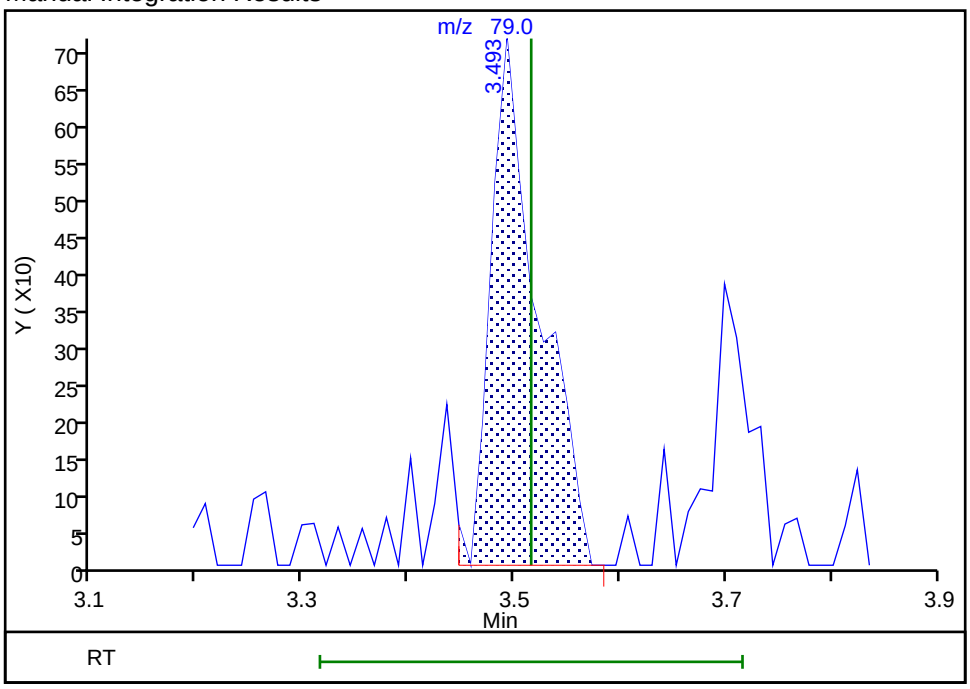
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.49
Area: 2265
Amount: 1.168879
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:43:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

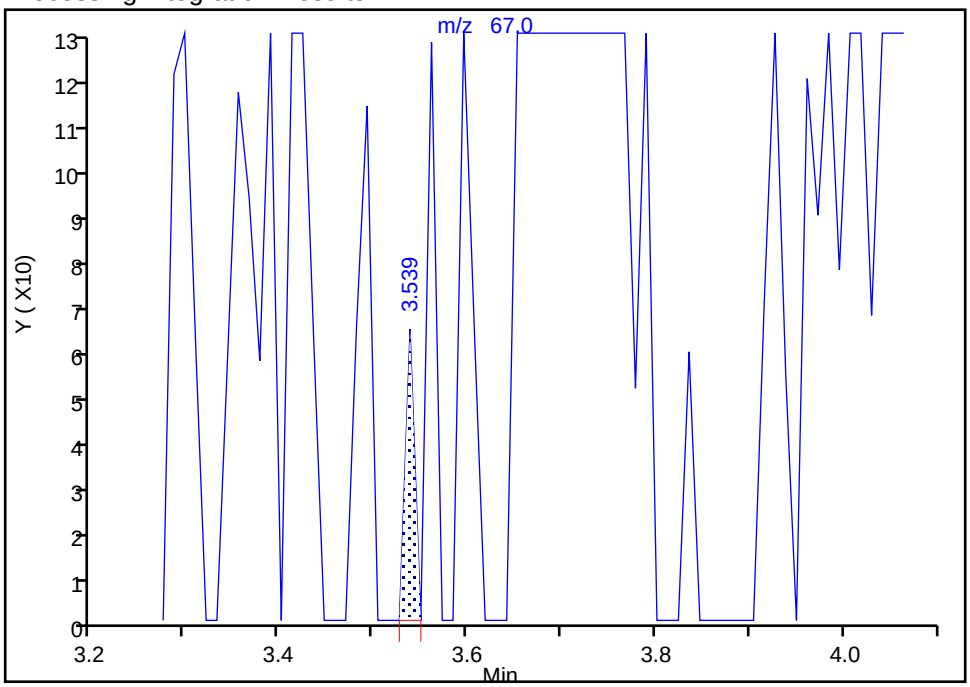
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Signal: 1

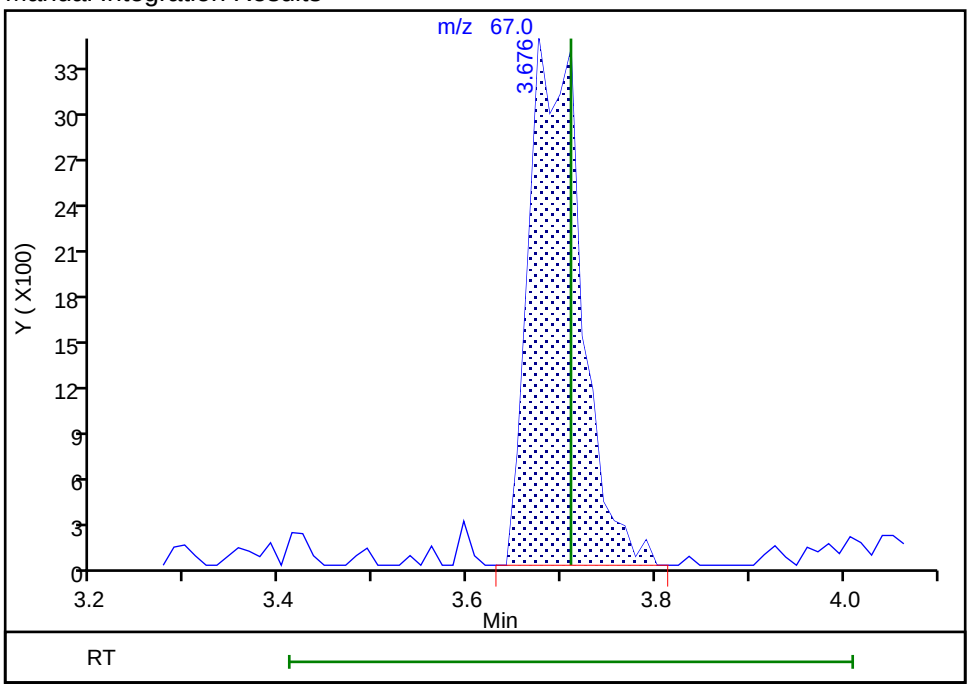
Processing Integration Results

RT: 3.54
Area: 44
Amount: 0.034899
Amount Units: ug/l



Manual Integration Results

RT: 3.68
Area: 13480
Amount: 10.263707
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:43:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

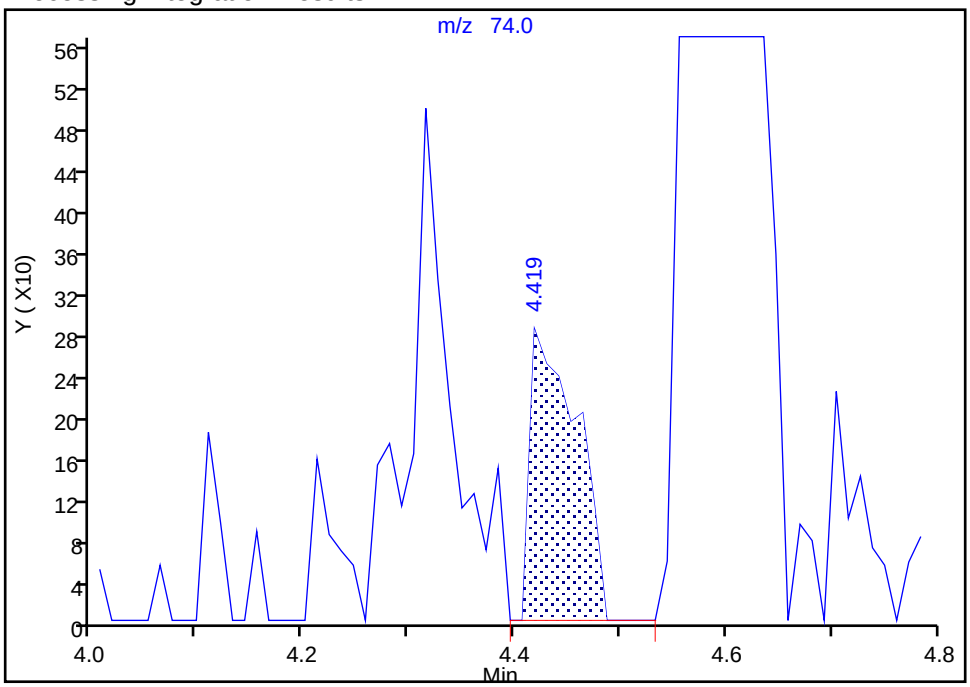
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

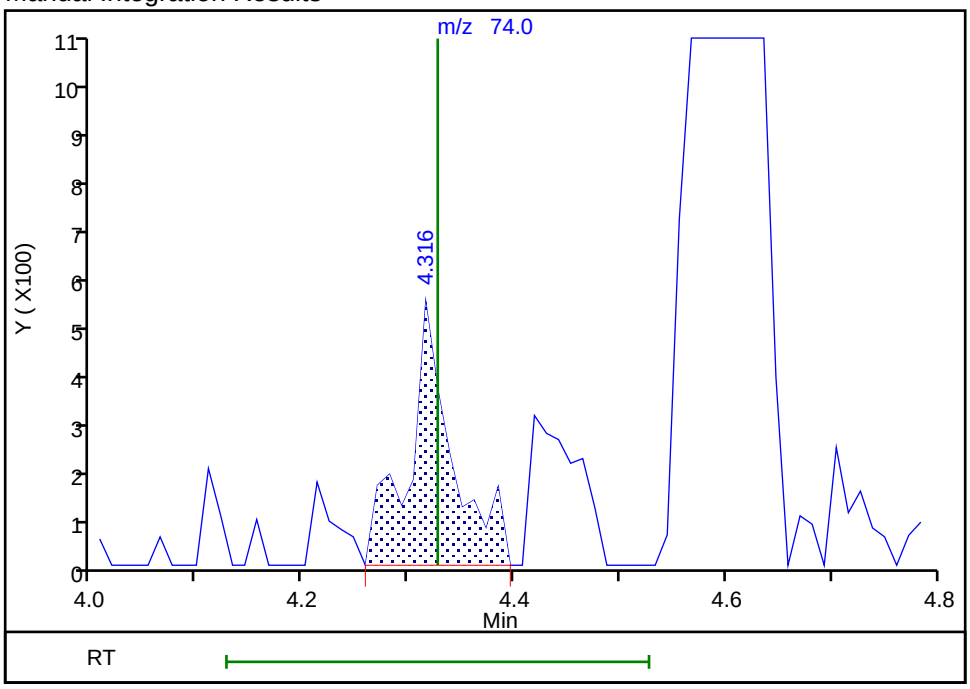
Processing Integration Results

RT: 4.42
Area: 879
Amount: 21.348984
Amount Units: ug/l



Manual Integration Results

RT: 4.32
Area: 1438
Amount: 32.027022
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:44:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

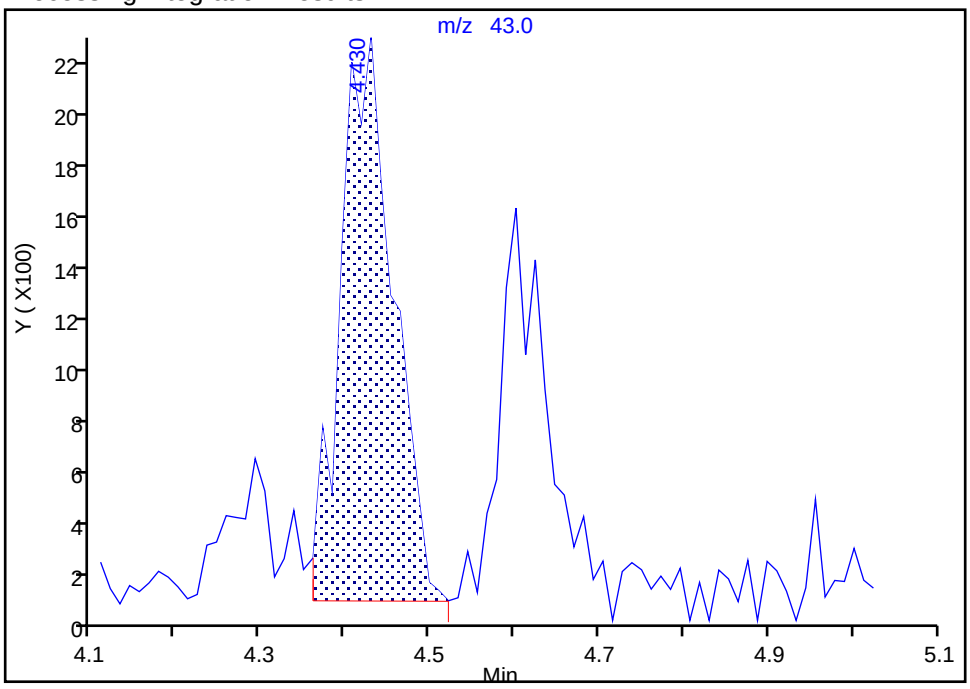
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Signal: 1

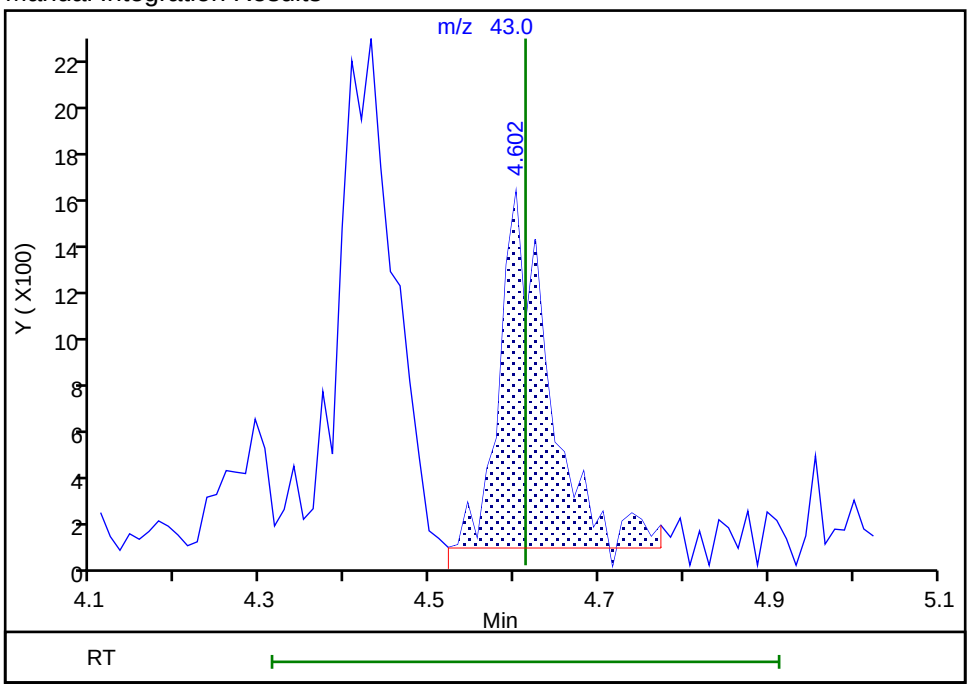
Processing Integration Results

RT: 4.43
Area: 9652
Amount: 2.018863
Amount Units: ug/l



Manual Integration Results

RT: 4.60
Area: 6264
Amount: 1.291500
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:44:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

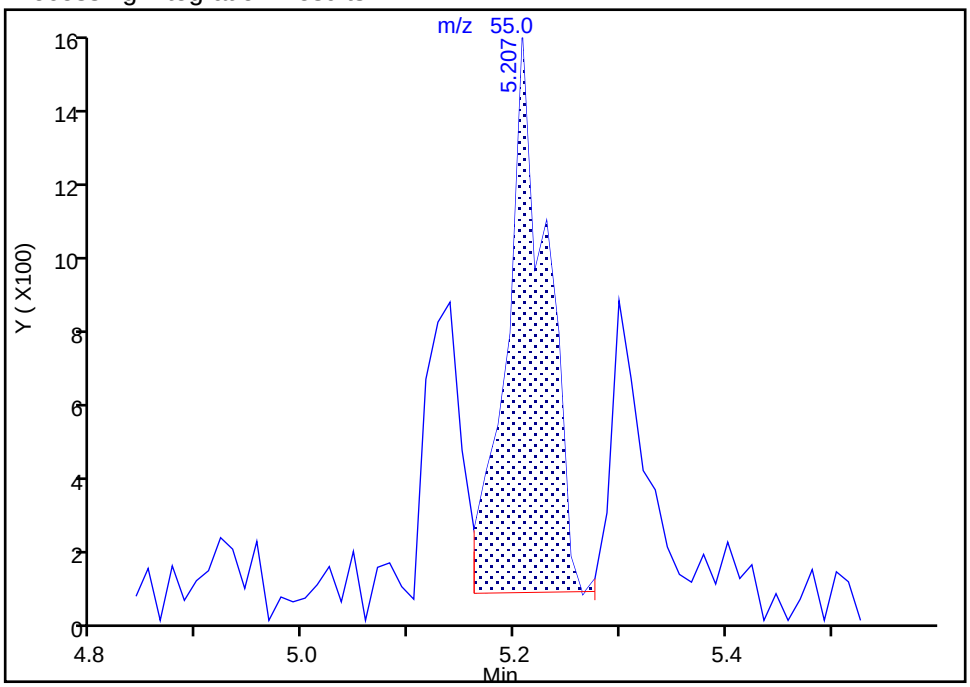
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

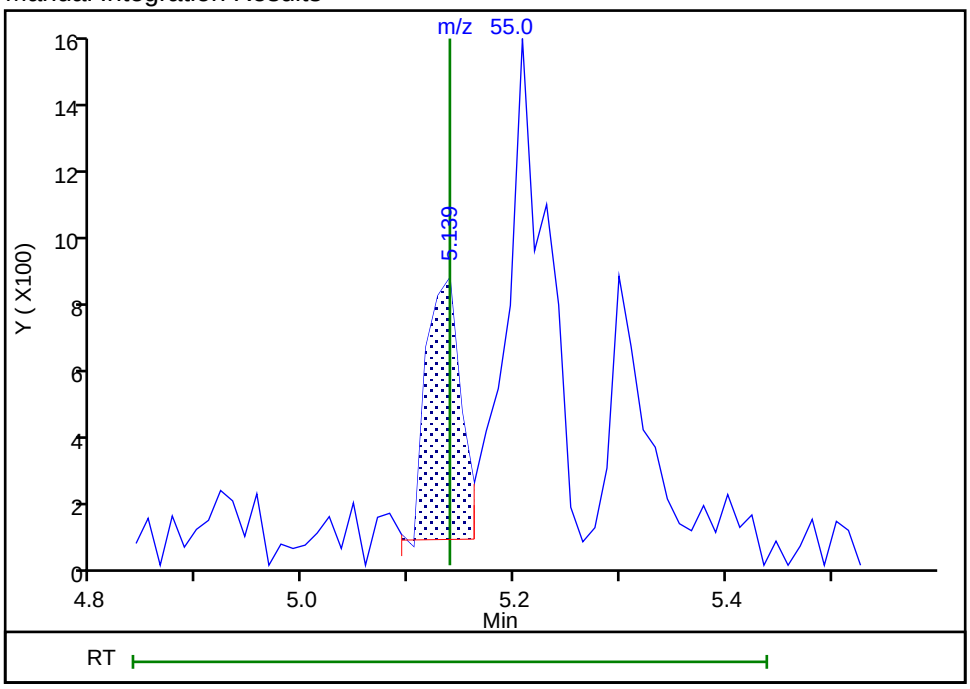
Processing Integration Results

RT: 5.21
Area: 3999
Amount: 1.336826
Amount Units: ug/l



Manual Integration Results

RT: 5.14
Area: 1801
Amount: 0.602212
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:44:44
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

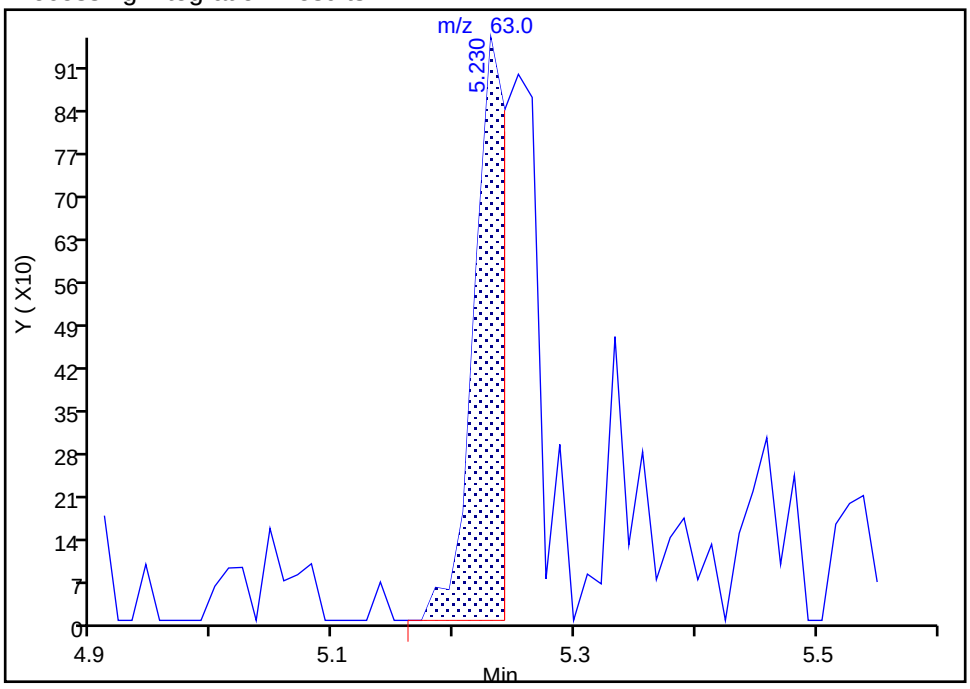
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

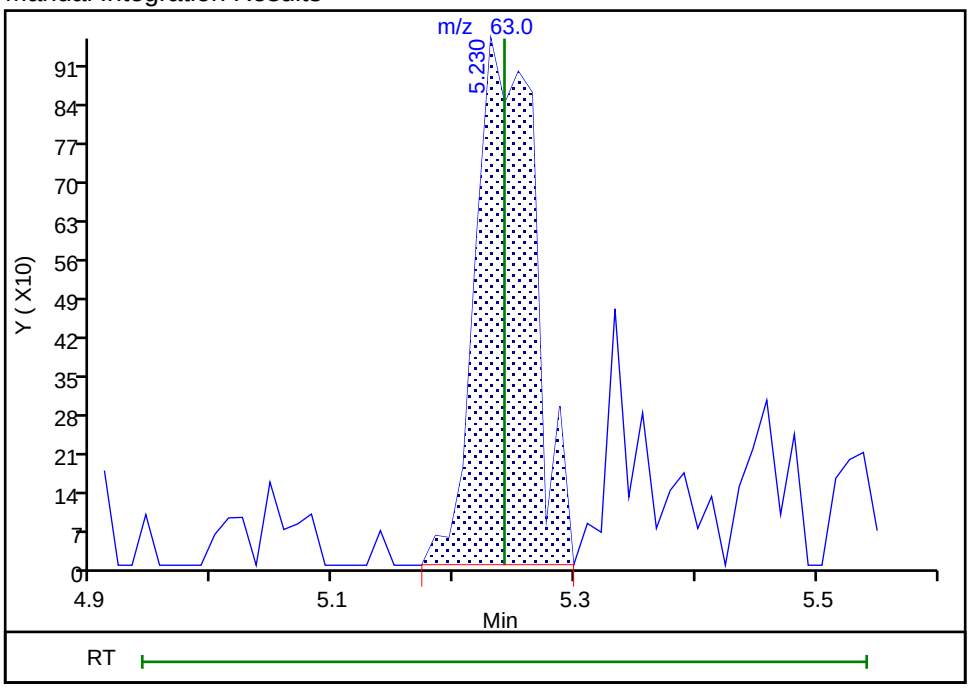
Processing Integration Results

RT: 5.23
Area: 1838
Amount: 0.532139
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 3279
Amount: 0.979446
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:45:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

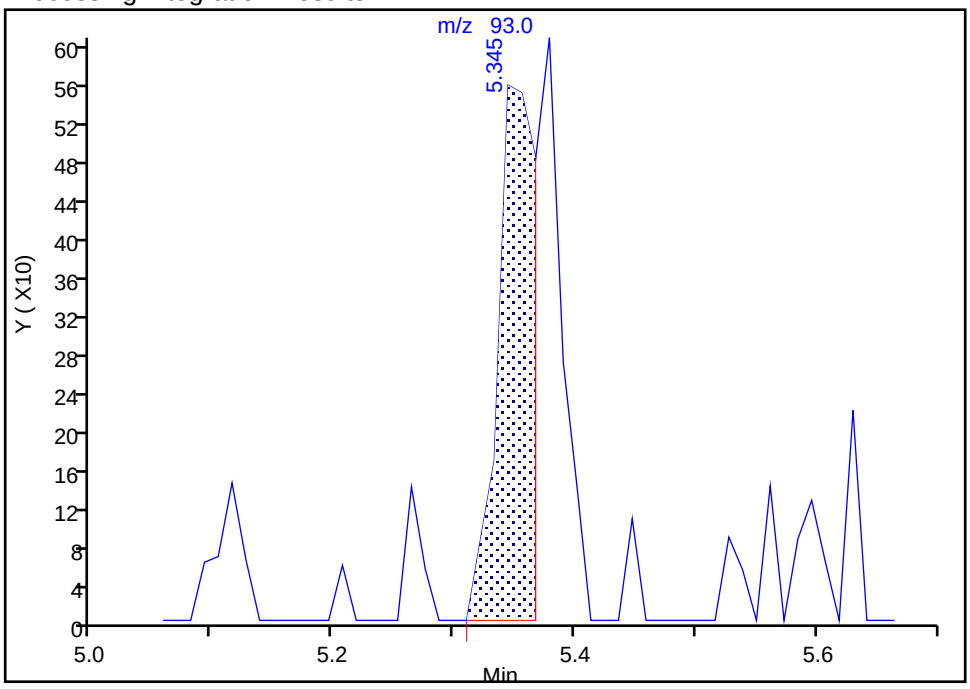
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dibromomethane, CAS: 74-95-3

Signal: 1

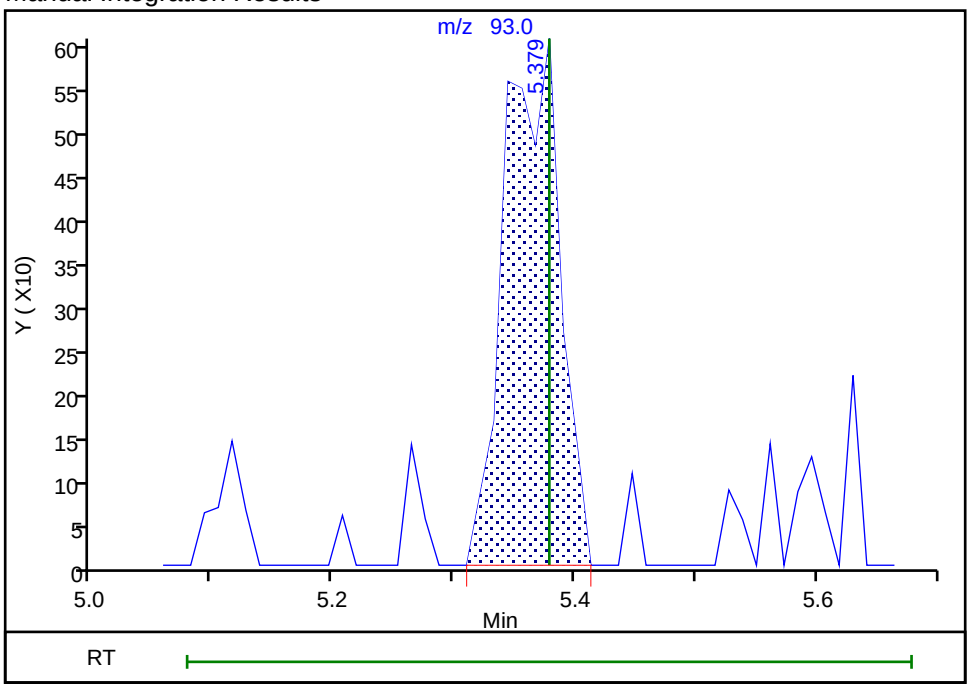
Processing Integration Results

RT: 5.34
Area: 1250
Amount: 0.629856
Amount Units: ug/l



Manual Integration Results

RT: 5.38
Area: 1941
Amount: 0.924397
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:45:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

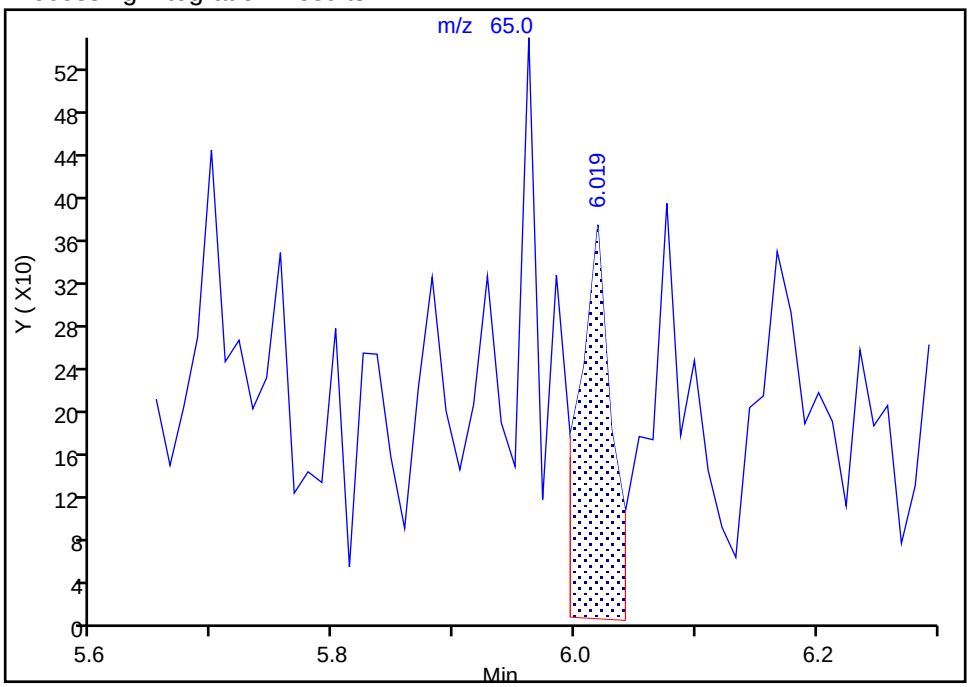
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 2

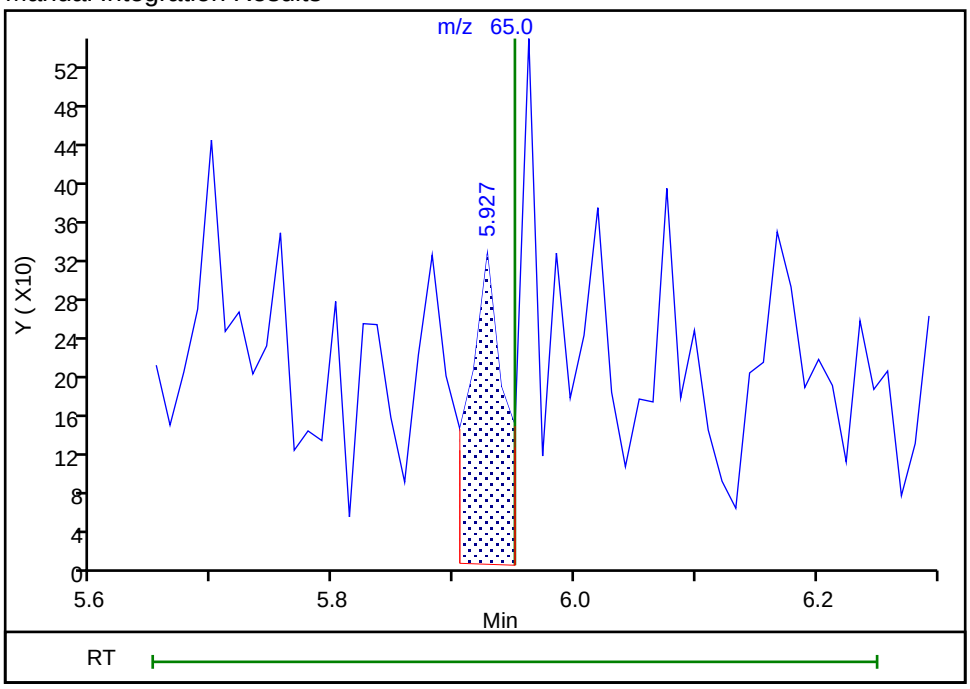
Processing Integration Results

RT: 6.02
Area: 723
Amount: 0.468533
Amount Units: ug/l



Manual Integration Results

RT: 5.93
Area: 678
Amount: 1.001310
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:45:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

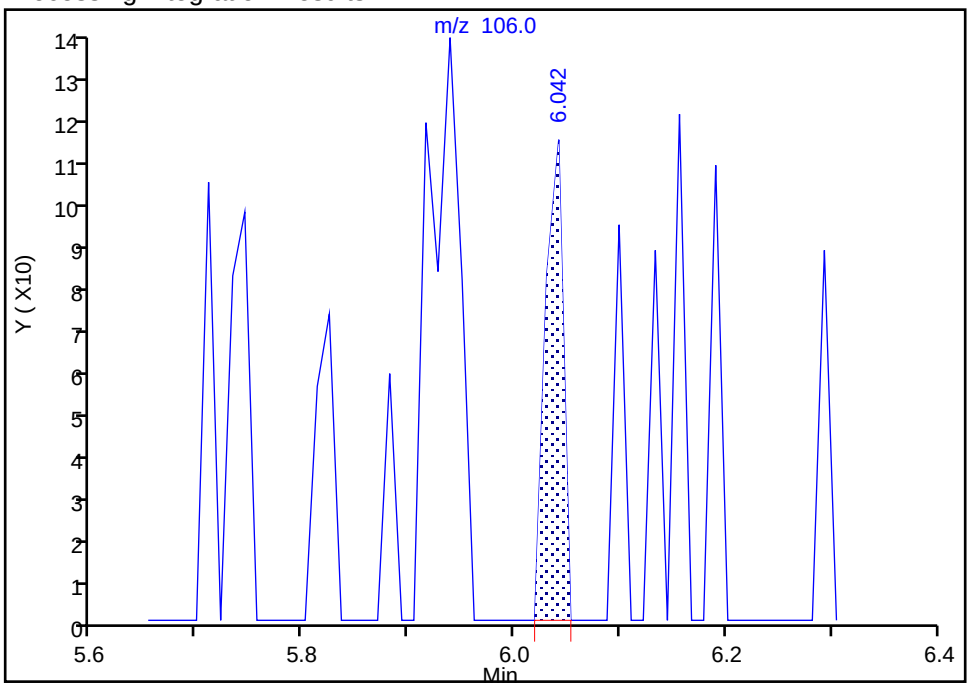
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 3

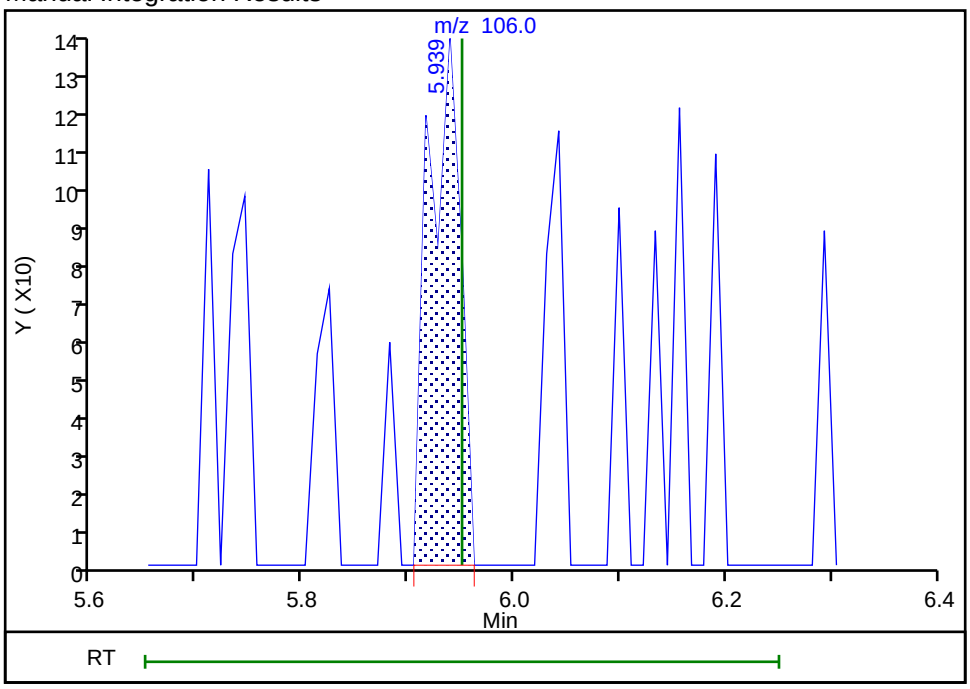
Processing Integration Results

RT: 6.04
Area: 133
Amount: 0.468533
Amount Units: ug/l



Manual Integration Results

RT: 5.94
Area: 285
Amount: 1.001310
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:45:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

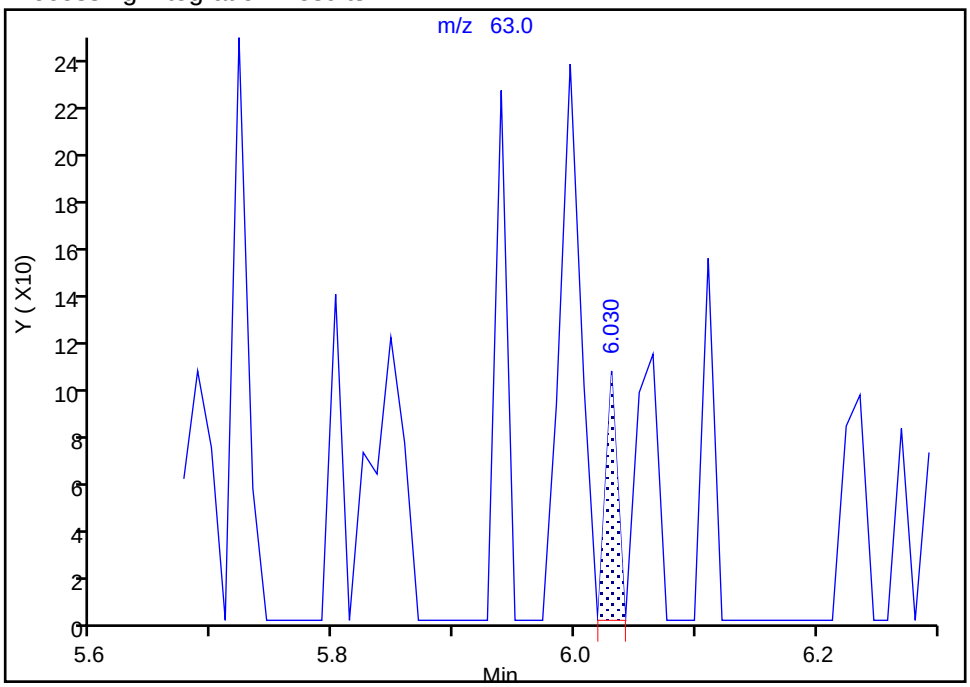
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

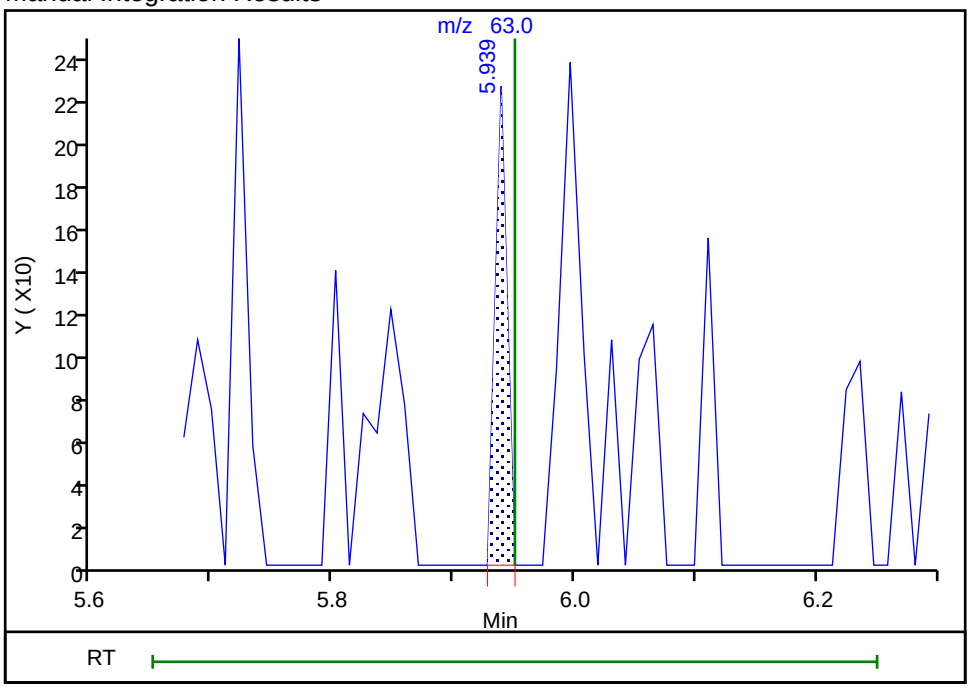
Processing Integration Results

RT: 6.03
Area: 71
Amount: 0.468533
Amount Units: ug/l



Manual Integration Results

RT: 5.94
Area: 152
Amount: 1.001310
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 16:12:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

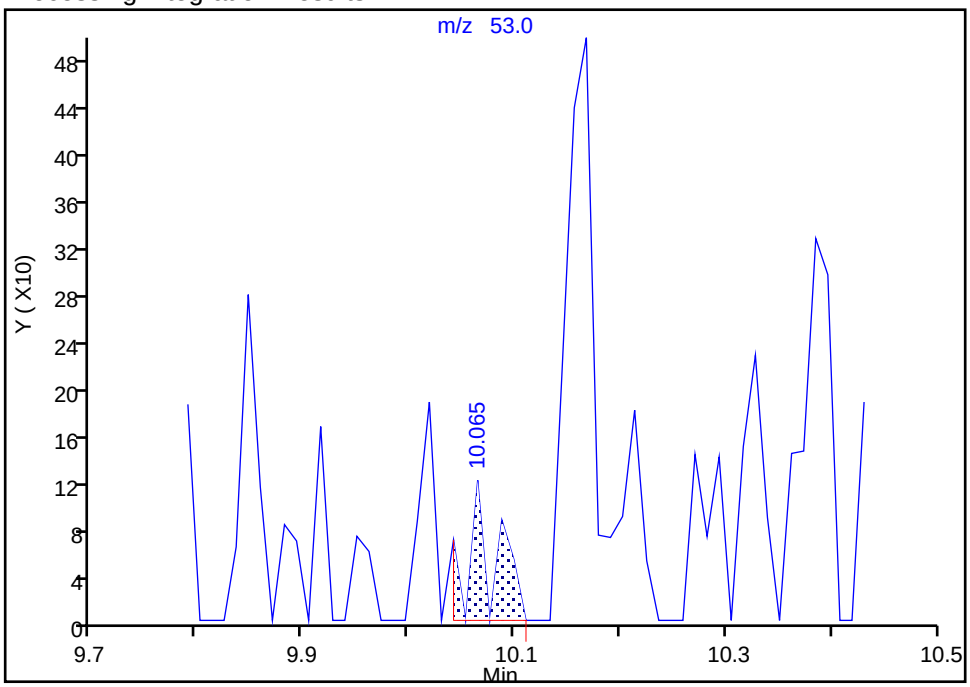
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

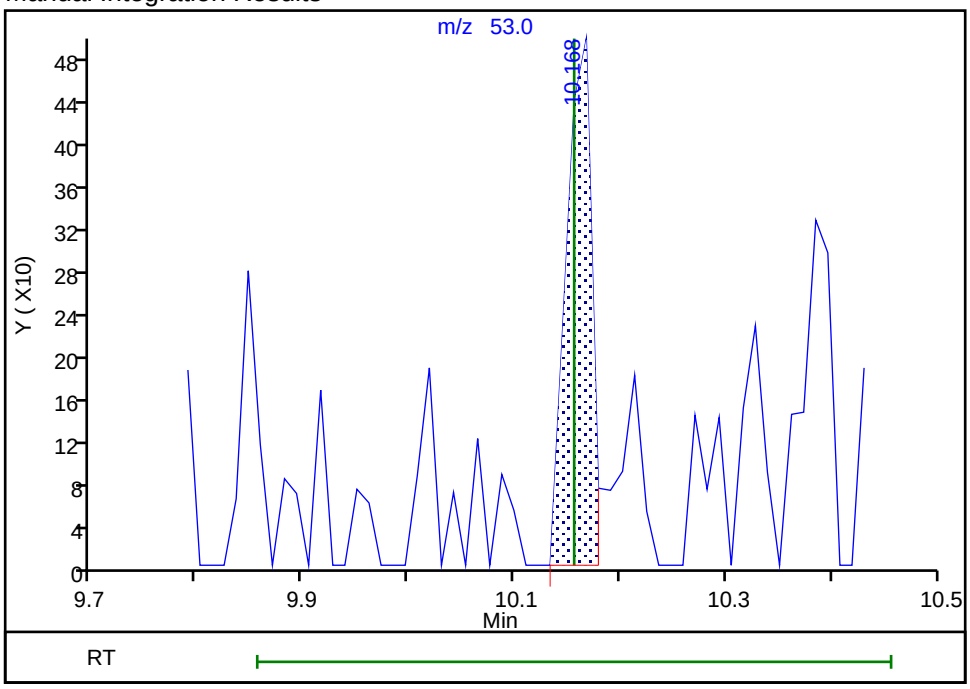
Processing Integration Results

RT: 10.07
Area: 224
Amount: 0.336860
Amount Units: ug/l



Manual Integration Results

RT: 10.17
Area: 841
Amount: 1.095341
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:46:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

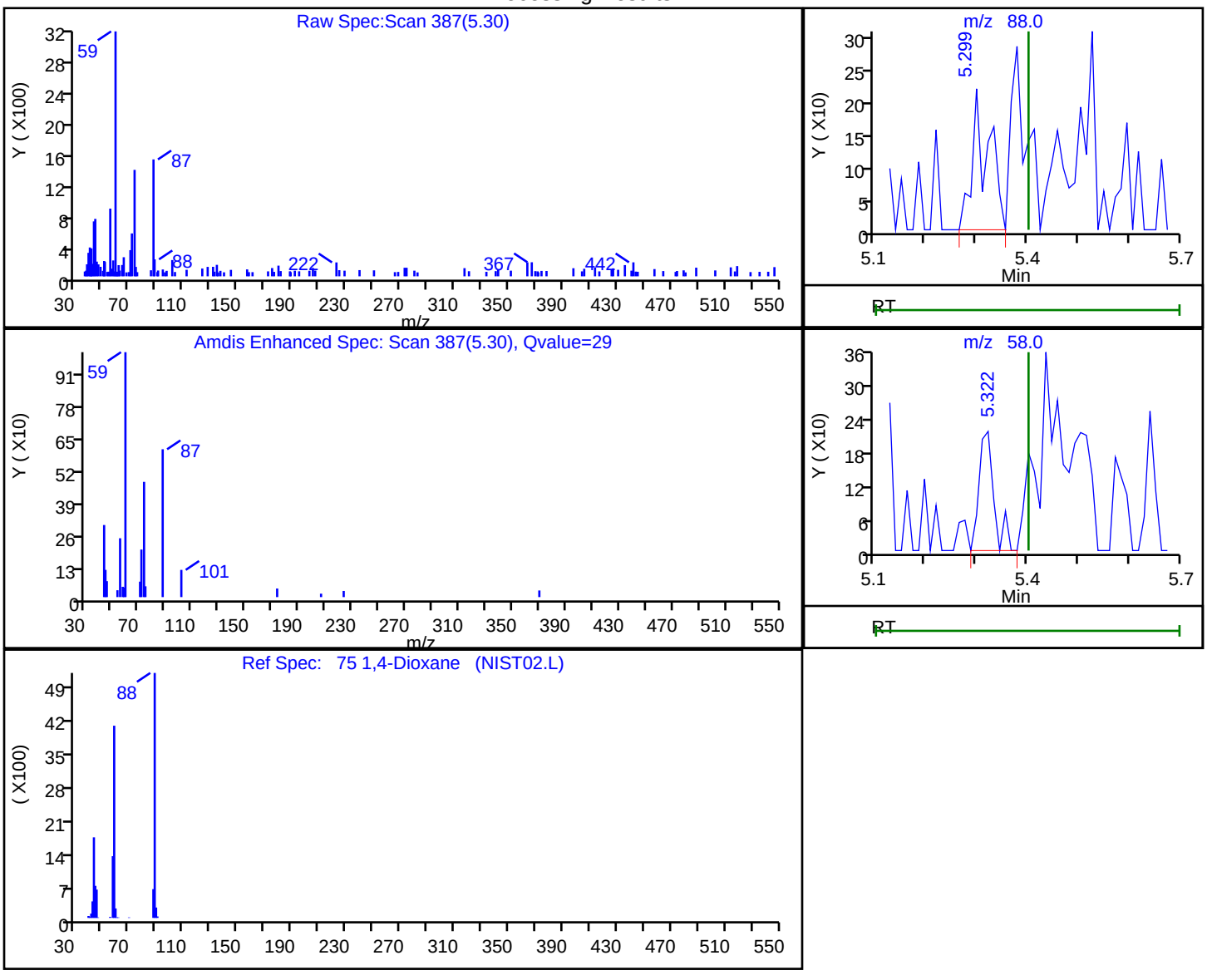
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
5.30	88.00	499	10.455219
5.32	58.00	433	

Reviewer: W9CM, 06-Oct-2022 15:45:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

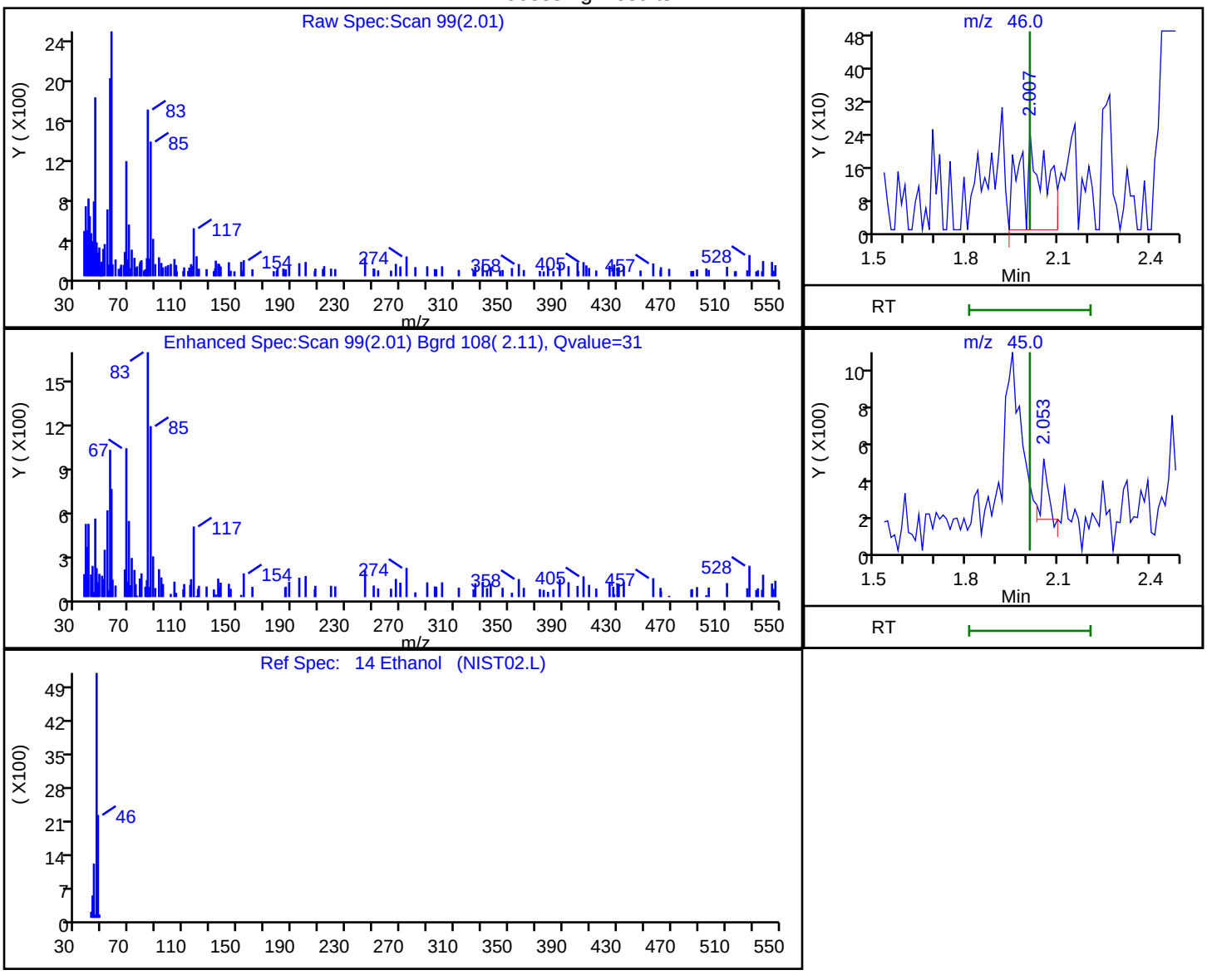
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.01	46.00	1337	84.766628
2.05	45.00	437	

Reviewer: W9CM, 06-Oct-2022 15:42:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

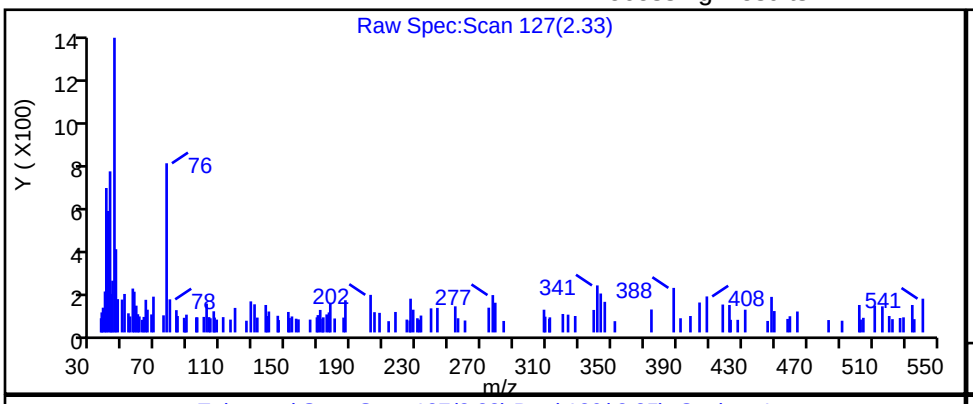
User Disabled Compound Report

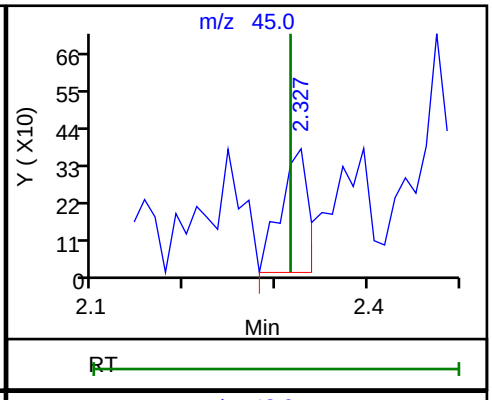
Eurofins Edison

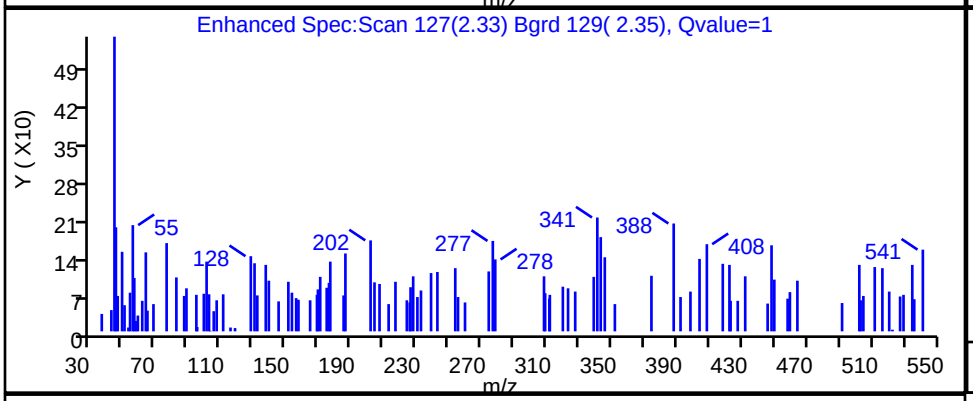
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

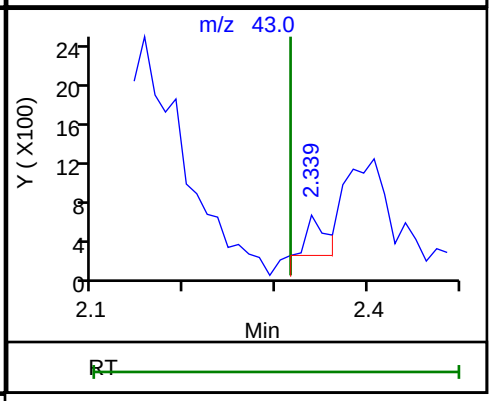
24 Isopropyl alcohol, CAS: 67-63-0

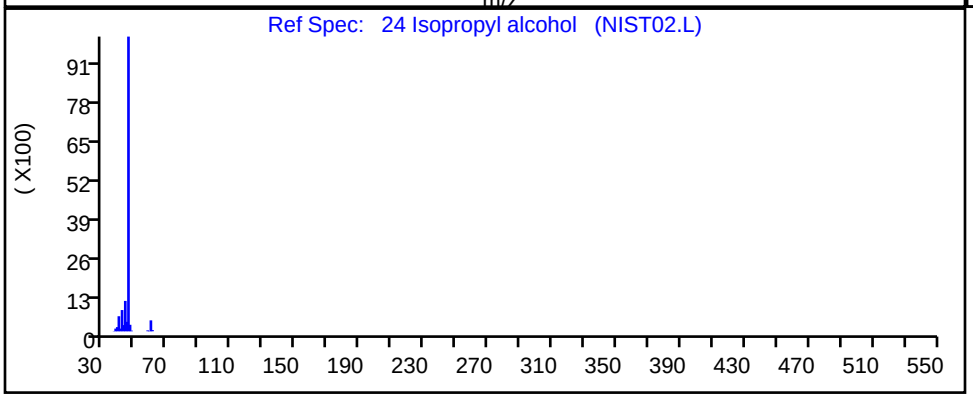
Processing Results











RT	Mass	Response	Amount
2.33	45.00	783	7.170883
2.34	43.00	599	

Reviewer: W9CM, 06-Oct-2022 15:42:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

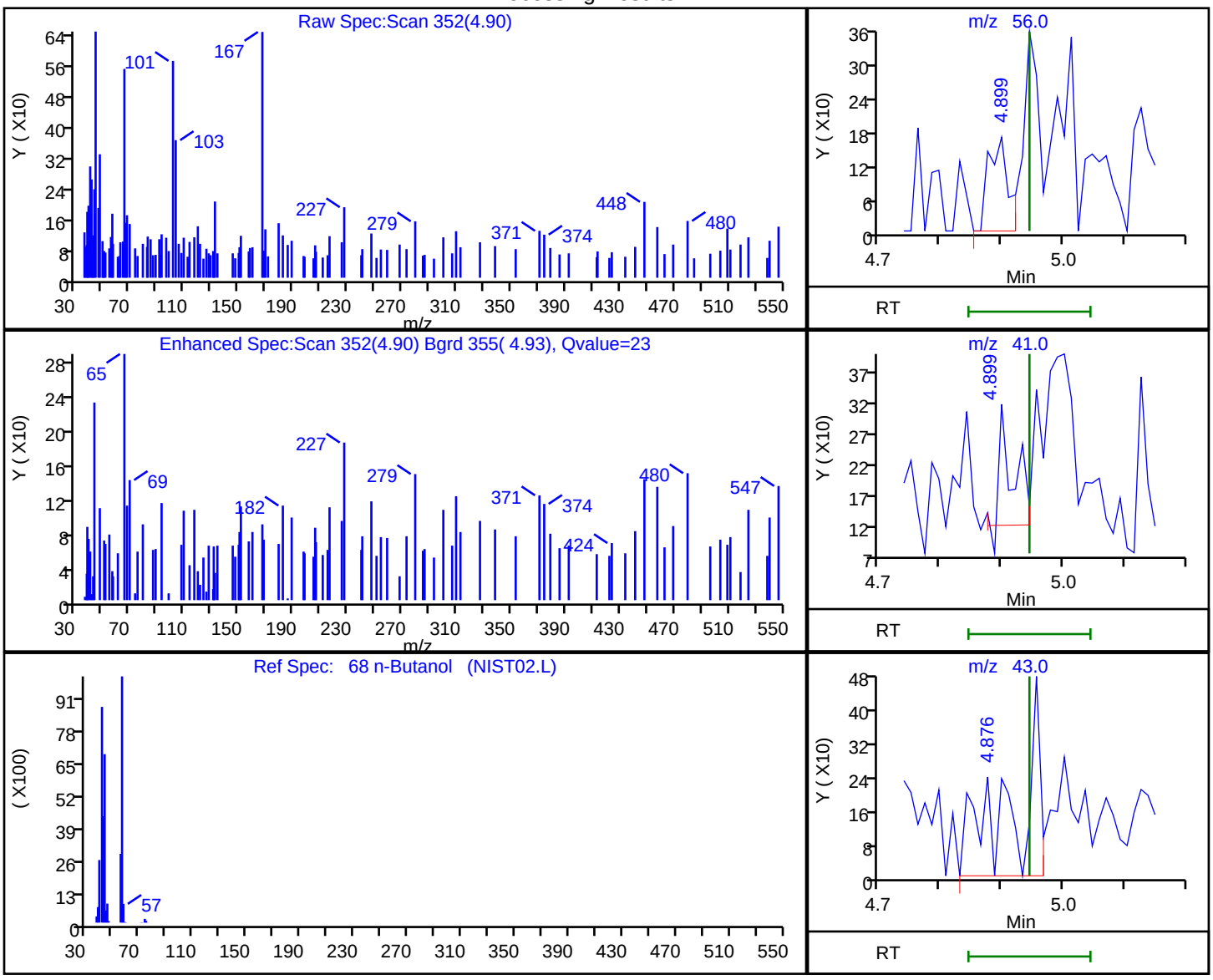
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38862.D
Injection Date: 04-Oct-2022 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.90	56.00	381	9.677431
4.90	41.00	312	
4.88	43.00	1309	

Reviewer: W9CM, 06-Oct-2022 15:44:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 04-Oct-2022 13:14:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0151264-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2022 16:23:53 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: RD6L Date: 04-Oct-2022 14:57:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.127	1.138	-0.011	88	10797	NC	NC	
2 Chlorotrifluoroethene	116	1.138	1.150	-0.012	51	13372	5.00	4.88	
5 Chlorodifluoromethane	67	1.161	1.161	0.000	92	6640	5.00	6.25	a
4 Dichlorodifluoromethane	85	1.161	1.173	-0.012	63	41172	5.00	5.26	
6 Chloromethane	50	1.287	1.298	-0.011	99	41679	5.00	5.75	
7 Butadiene	54	1.356	1.356	0.000	92	23510	5.00	5.21	
8 Vinyl chloride	62	1.367	1.367	0.000	92	30647	5.00	5.84	
9 Bromomethane	94	1.573	1.573	0.000	98	28047	5.00	5.54	
10 Chloroethane	64	1.607	1.618	-0.011	85	16787	5.00	4.84	
11 Dichlorofluoromethane	67	1.756	1.767	-0.011	99	48825	5.00	5.10	
12 Trichlorofluoromethane	101	1.790	1.813	-0.023	94	43645	5.00	5.45	
13 Pentane	72	1.824	1.824	0.000	96	8698	10.0	11.3	
15 Ethyl ether	59	1.950	1.961	-0.011	94	16654	5.00	5.53	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	81	16988	5.00	5.02	M
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.984	1.984	0.000	87	21864	5.00	4.83	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	90	34984	5.00	4.98	a
19 Acrolein	56	2.041	2.053	-0.012	97	115363	200.0	240.3	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	96	18579	5.00	5.22	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.144	2.156	-0.012	94	21018	5.00	4.77	
22 Acetone	43	2.156	2.167	-0.011	56	30576	25.0	27.0	a
23 Iodomethane	142	2.224	2.236	-0.012	97	37933	5.00	5.32	
25 Carbon disulfide	76	2.270	2.281	-0.011	99	65859	5.00	5.32	
26 3-Chloro-1-propene	39	2.373	2.373	0.000	88	25087	5.00	5.44	
27 Methyl acetate	43	2.407	2.396	0.011	95	16431	10.0	9.85	
28 Cyclopentene	67	2.441	2.441	0.000	91	44925	5.00	5.04	
29 Acetonitrile	39	2.441	2.441	0.000	24	11530	50.0	48.1	a
31 Methylene Chloride	84	2.464	2.464	0.000	84	24297	5.00	5.30	
* 30 TBA-d9 (IS)	65	2.544	2.590	-0.046	96	279103	1000.0	1000.0	
35 Acrylonitrile	53	2.659	2.658	0.001	94	63142	50.0	51.8	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	92	21953	5.00	5.48	

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	2.670	2.681	-0.011	93	58659	5.00	5.30	
32 2-Methyl-2-propanol	59	2.613	2.681	-0.068	34	17591	50.0	47.9	M
36 Hexane	43	2.899	2.899	0.001	88	15167	5.00	5.31	
38 1,1-Dichloroethane	63	3.013	3.001	0.012	99	35723	5.00	5.56	
39 Vinyl acetate	86	3.047	3.047	0.000	97	4106	10.0	9.24	
37 Isopropyl ether	45	3.070	3.070	0.000	89	51949	5.00	4.90	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	83	18381	5.00	5.15	
41 Tert-butyl ethyl ether	87	3.367	3.379	-0.012	89	26107	5.00	5.35	
* 42 2-Butanone-d5	46	3.436	3.470	-0.034	98	241635	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.504	3.493	0.011	97	23581	5.00	5.33	
43 2,2-Dichloropropane	79	3.504	3.516	-0.012	79	10019	5.00	5.02	
46 2-Butanone (MEK)	72	3.504	3.527	-0.023	96	11498	25.0	26.1	
45 Ethyl acetate	70	3.550	3.550	0.000	92	2529	10.0	9.07	M
48 Propionitrile	54	3.573	3.573	0.000	85	26054	50.0	56.0	
47 Methyl acrylate	55	3.573	3.573	0.000	84	12527	5.00	4.37	M
51 Methacrylonitrile	67	3.710	3.710	0.000	86	67250	50.0	49.7	
50 Chlorobromomethane	128	3.710	3.710	0.000	68	11624	5.00	5.30	
49 Tetrahydrofuran	72	3.767	3.779	-0.012	37	5710	10.0	10.7	a
52 Chloroform	83	3.790	3.790	0.000	98	36525	5.00	5.37	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	95	175765	50.0	51.1	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	98	26488	5.00	4.74	
53 Cyclohexane	84	4.030	4.030	0.000	85	33888	5.00	5.06	
57 1,1-Dichloropropene	75	4.110	4.121	-0.011	94	24588	5.00	4.99	
56 Carbon tetrachloride	117	4.133	4.133	0.000	73	15022	5.00	4.37	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	176839	50.0	51.1	
58 Isobutyl alcohol	74	4.327	4.327	0.000	30	4362	125.0	103.0	a
60 Benzene	78	4.316	4.327	-0.011	96	74045	5.00	4.91	
64 1,2-Dichloroethane	62	4.327	4.339	-0.012	56	23734	5.00	4.96	
62 Isopropyl acetate	61	4.407	4.419	-0.012	74	4898	5.00	4.16	a
59 Isooctane	57	4.407	4.419	-0.012	93	62305	5.00	4.39	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	95	57393	5.00	4.92	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	652537	50.0	50.0	
65 n-Heptane	43	4.624	4.613	0.011	62	20949	5.00	4.19	
68 n-Butanol	56	4.956	4.944	0.012	29	4642	125.0	92.2	
69 Trichloroethene	95	4.990	5.002	-0.012	96	17550	5.00	4.73	
70 Ethyl acrylate	55	5.139	5.139	0.000	94	9649	5.00	3.13	M
71 Methylcyclohexane	83	5.219	5.219	0.000	92	37308	5.00	4.93	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	76	16014	5.00	4.64	
77 Dibromomethane	93	5.367	5.379	-0.012	93	11125	5.00	5.14	
75 1,4-Dioxane	88	5.402	5.402	0.000	31	5680	100.0	123.2	
74 Methyl methacrylate	69	5.402	5.402	0.000	79	13251	10.0	7.82	
* 73 1,4-Dioxane-d8	96	5.345	5.424	-0.079	94	34839	1000.0	1000.0	
76 n-Propyl acetate	43	5.482	5.482	0.000	99	13513	5.00	4.30	M
78 Dichlorobromomethane	83	5.562	5.562	0.000	98	16932	5.00	4.47	
79 2-Nitropropane	41	5.847	5.836	0.011	74	2201	10.0	9.40	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	6	1187	5.01	7.43	
80 Epichlorohydrin	57	6.007	6.007	0.000	99	25015	100.0	98.5	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	91	20694	5.00	4.38	
82 4-Methyl-2-pentanone (MIBK)	43	6.339	6.350	-0.011	94	69798	25.0	24.9	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	630812	50.0	48.4	
84 Toluene	91	6.533	6.533	0.000	94	75941	5.00	4.87	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	96	16477	5.00	4.30	

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	7.013	7.025	-0.012	88	10511	5.00	3.05	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	11798	5.00	4.93	
88 Tetrachloroethene	166	7.265	7.265	0.000	94	16001	5.00	4.86	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	89	22360	5.00	4.86	
90 2-Hexanone	43	7.482	7.482	0.000	94	33182	25.0	25.4	
92 Chlorodibromomethane	129	7.608	7.619	-0.011	96	7706	5.00	4.48	
91 n-Butyl acetate	43	7.699	7.699	0.000	96	8804	5.00	3.25	
93 Ethylene Dibromide	107	7.756	7.756	0.000	98	12727	5.00	4.61	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	425524	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	97	47811	5.00	5.01	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	85	11449	5.00	4.35	
96 Ethylbenzene	106	8.693	8.682	0.011	98	25328	5.00	4.60	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	32403	5.00	4.72	
100 o-Xylene	106	9.345	9.345	0.000	95	35505	5.00	4.68	
101 Styrene	104	9.368	9.368	0.000	95	52758	5.00	4.88	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	4560	5.00	3.02	
103 Bromoform	173	9.551	9.551	0.000	91	4650	5.00	5.21	
102 Amyl acetate (mixed isomers)	43	9.654	9.653	0.001	91	5538	5.00	2.55	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	93399	5.00	4.78	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	167666	50.0	50.8	
106 Bromobenzene	156	10.054	10.054	0.000	96	19323	5.00	4.87	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	95	20937	5.00	4.86	
109 1,2,3-Trichloropropane	110	10.134	10.122	0.012	93	5964	5.00	4.80	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	35	3502	5.00	4.45	a
108 N-Propylbenzene	91	10.202	10.202	0.000	99	107493	5.00	5.01	
111 2-Chlorotoluene	91	10.259	10.271	-0.012	97	62388	5.00	4.89	
112 4-Ethyltoluene	105	10.328	10.316	0.012	99	88525	5.00	5.01	
114 4-Chlorotoluene	91	10.374	10.374	0.000	98	64791	5.00	4.84	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	94	80230	5.00	4.82	
115 Butyl Methacrylate	87	10.522	10.522	0.000	87	5089	5.00	2.20	
116 tert-Butylbenzene	119	10.682	10.682	0.000	96	56486	5.00	4.22	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	88198	5.00	5.05	
118 sec-Butylbenzene	105	10.877	10.876	0.000	100	102388	5.00	4.76	
120 1,3-Dichlorobenzene	146	10.957	10.956	0.000	96	40129	5.00	5.15	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	230385	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	62	90958	5.00	4.94	
122 1,4-Dichlorobenzene	146	11.037	11.036	0.000	93	40076	5.00	5.05	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	89844	5.00	4.86	
124 Benzyl chloride	91	11.162	11.162	0.000	98	15057	5.00	4.54	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	90789	5.00	5.48	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	94	43034	5.00	5.09	
126 p-Diethylbenzene	119	11.345	11.345	0.000	91	47021	5.00	4.65	
127 n-Butylbenzene	92	11.357	11.356	0.001	99	54939	5.00	5.25	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	90927	5.00	4.86	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	78	3127	5.00	3.59	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	93	33496	5.00	5.10	
132 1,2,4-Trichlorobenzene	180	12.580	12.579	0.001	93	31849	5.00	4.89	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	87	11652	5.00	4.84	
134 Naphthalene	128	12.751	12.751	0.000	99	90973	5.00	5.11	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	93	31455	5.00	4.83	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.8	
S 137 Xylenes, Total	100				0		10.0	9.40	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		25.0	23.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00496	Amount Added: 5.00	Units: uL		
8260MIX1COMB_00160	Amount Added: 5.00	Units: uL		
ACROLEIN W_00144	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 5.00	Units: uL		
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

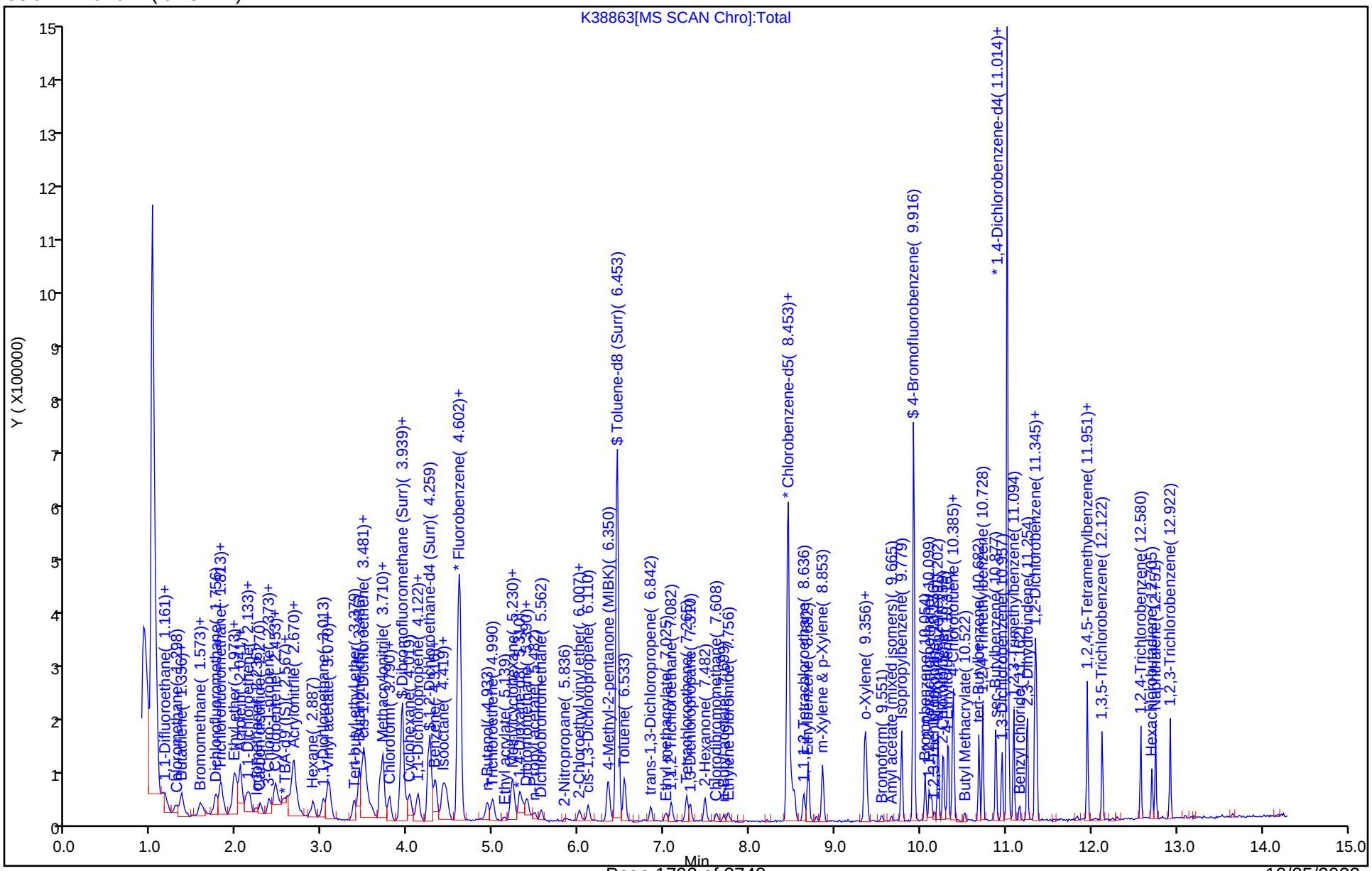
Report Date: 06-Oct-2022 16:23:53 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D

Injection Date:	04-Oct-2022 13:14:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

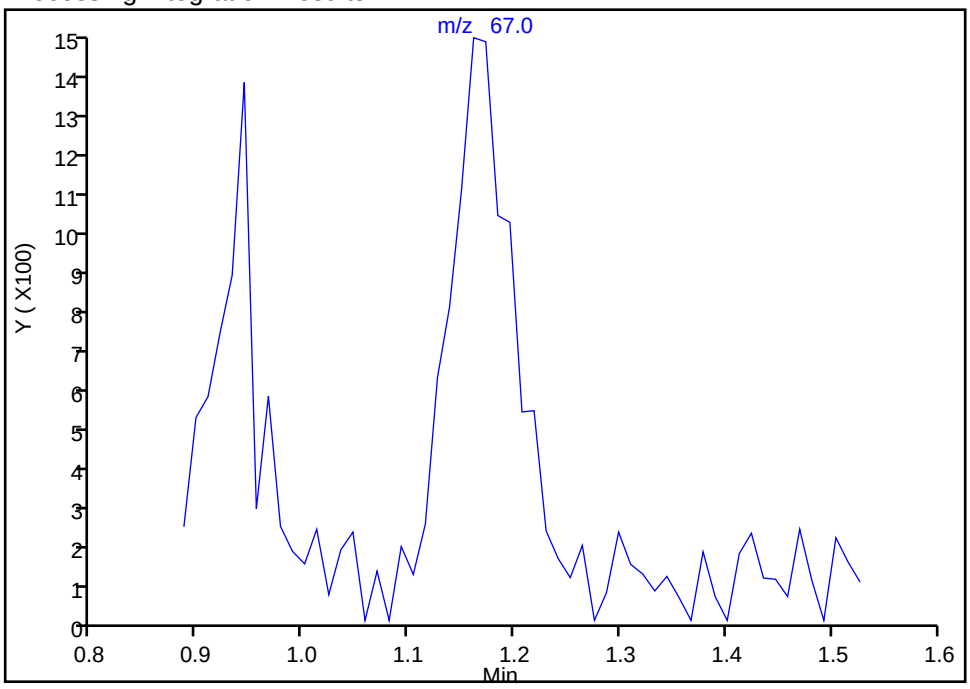
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

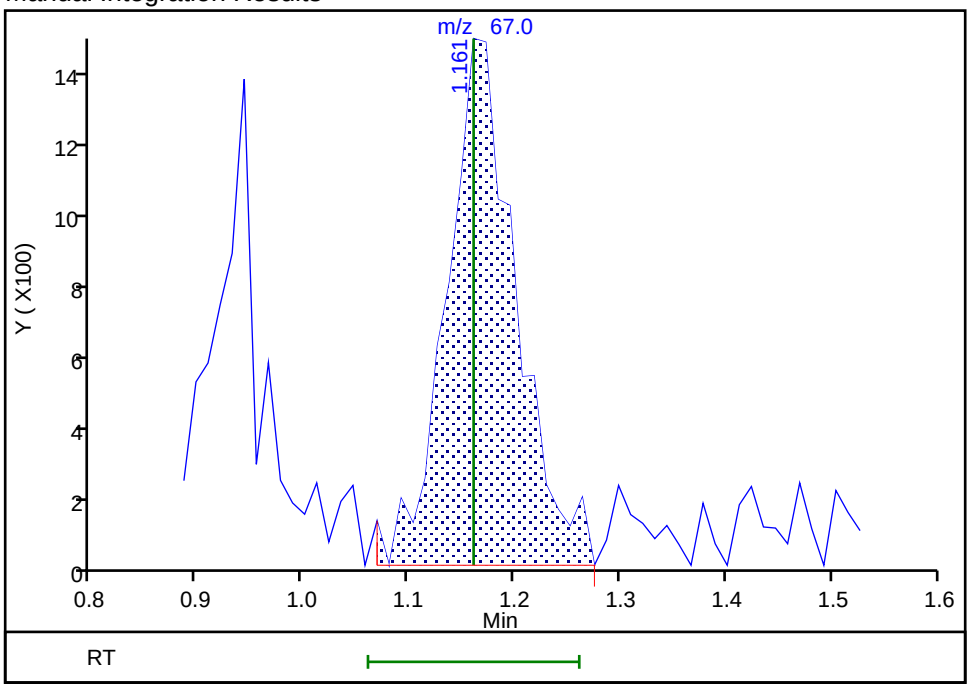
Not Detected
Expected RT: 1.16

Processing Integration Results



Manual Integration Results

RT: 1.16
Area: 6640
Amount: 6.253529
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:45:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

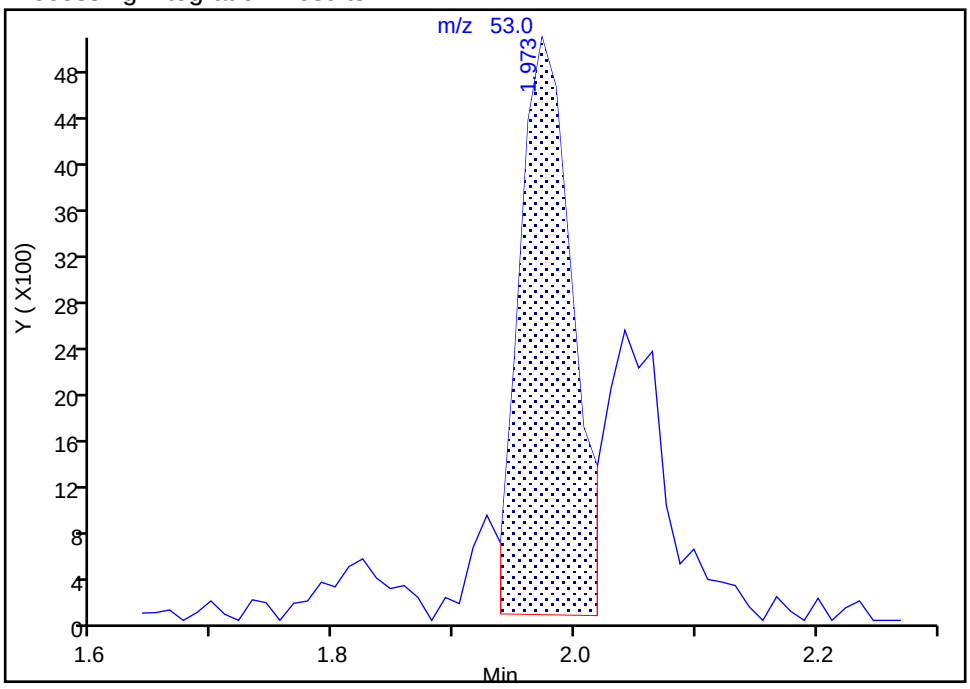
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

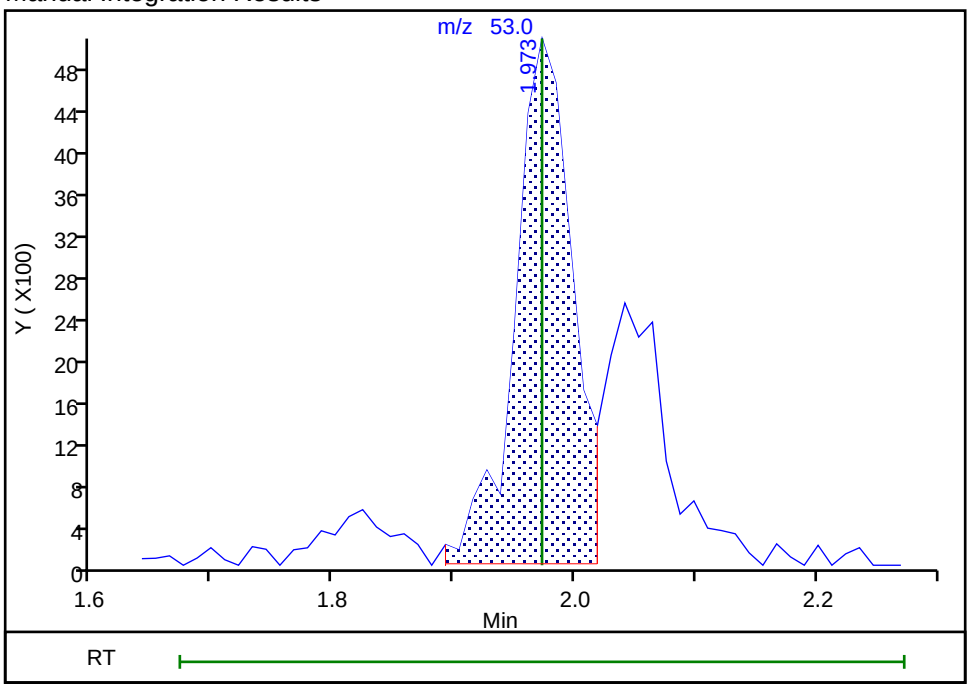
Processing Integration Results

RT: 1.97
Area: 15546
Amount: 4.656339
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 16988
Amount: 5.016031
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:45:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

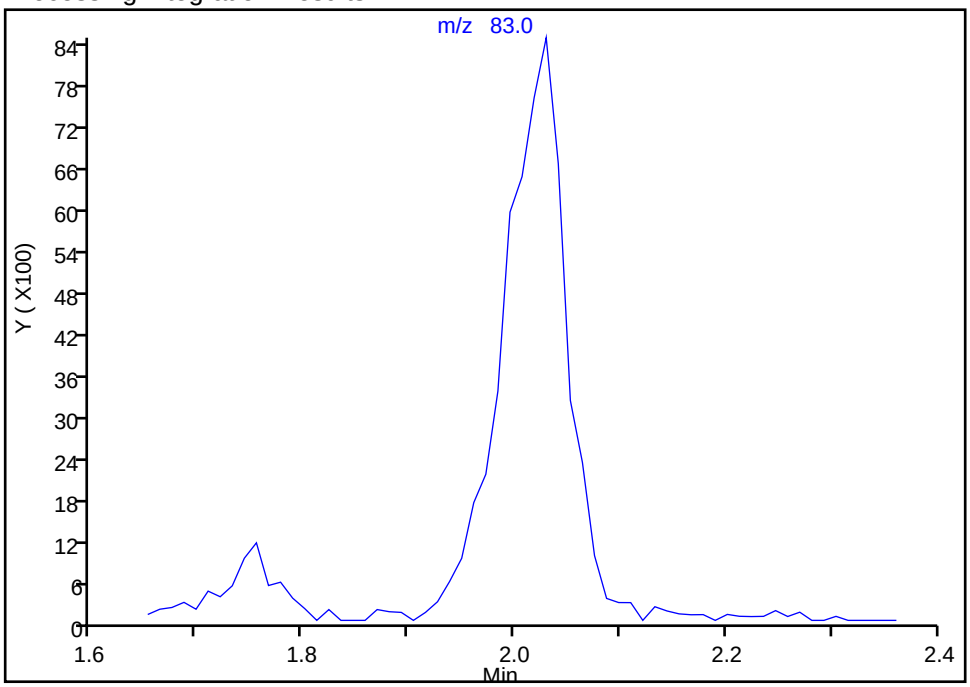
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Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

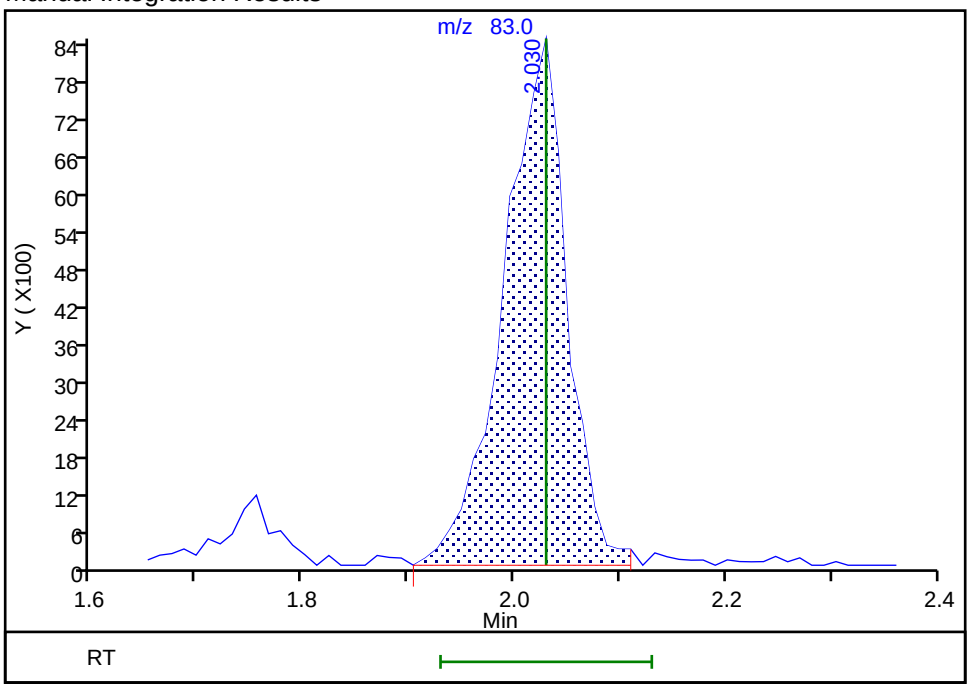
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 34984
Amount: 4.978086
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:46:17
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

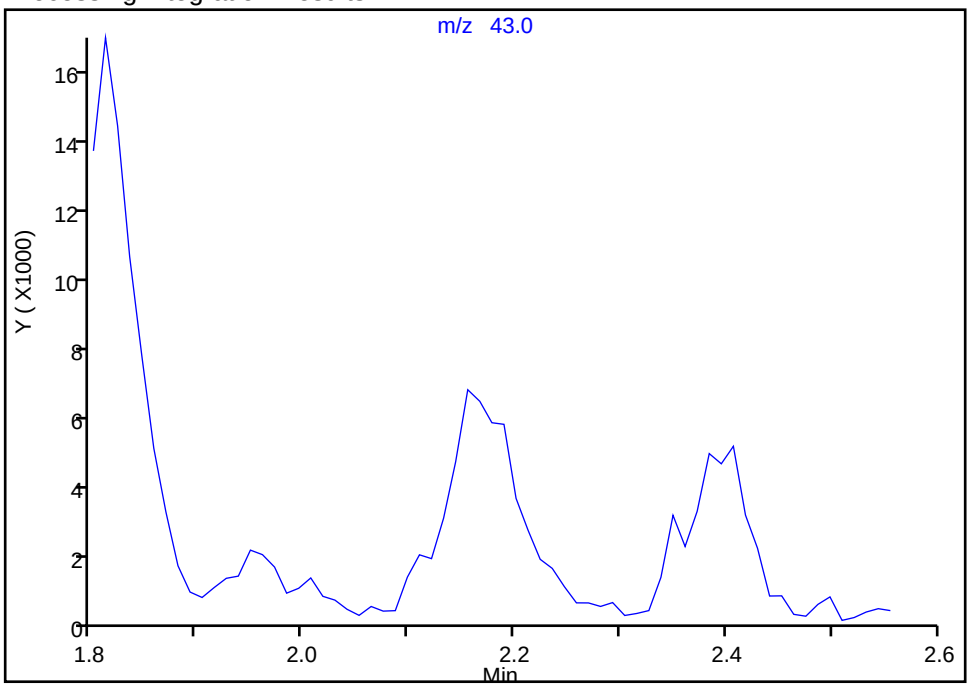
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Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

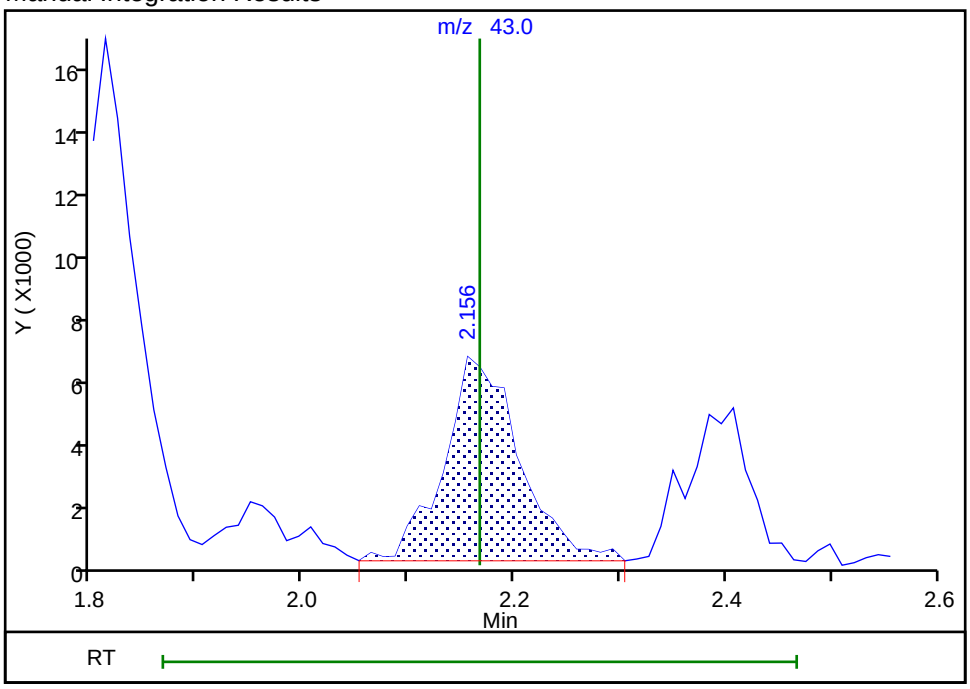
Not Detected
Expected RT: 2.17

Processing Integration Results



Manual Integration Results

RT: 2.16
Area: 30576
Amount: 26.999470
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:46:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

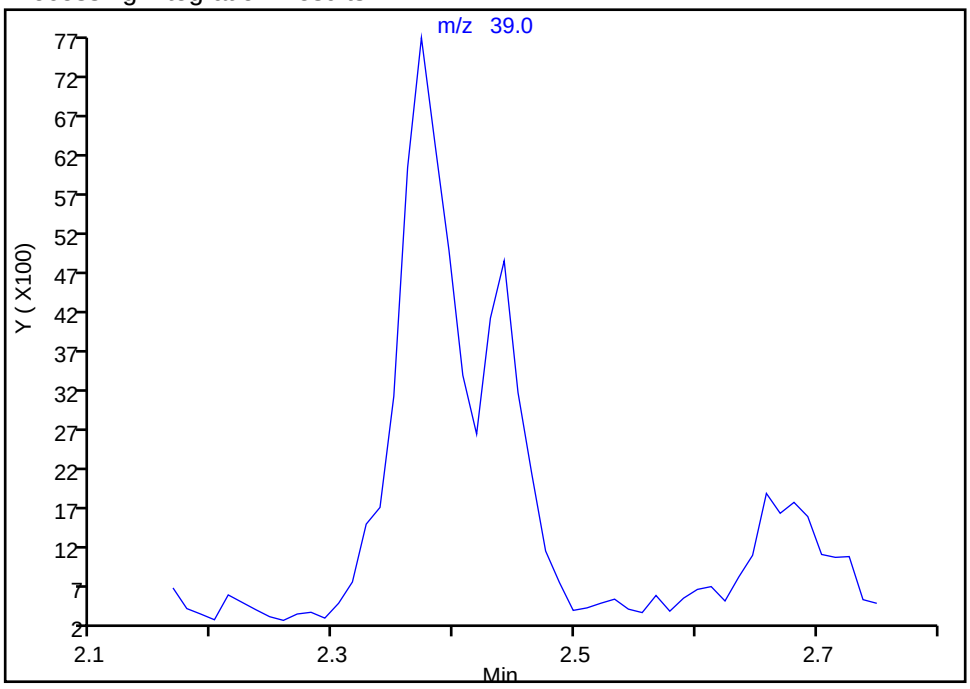
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Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

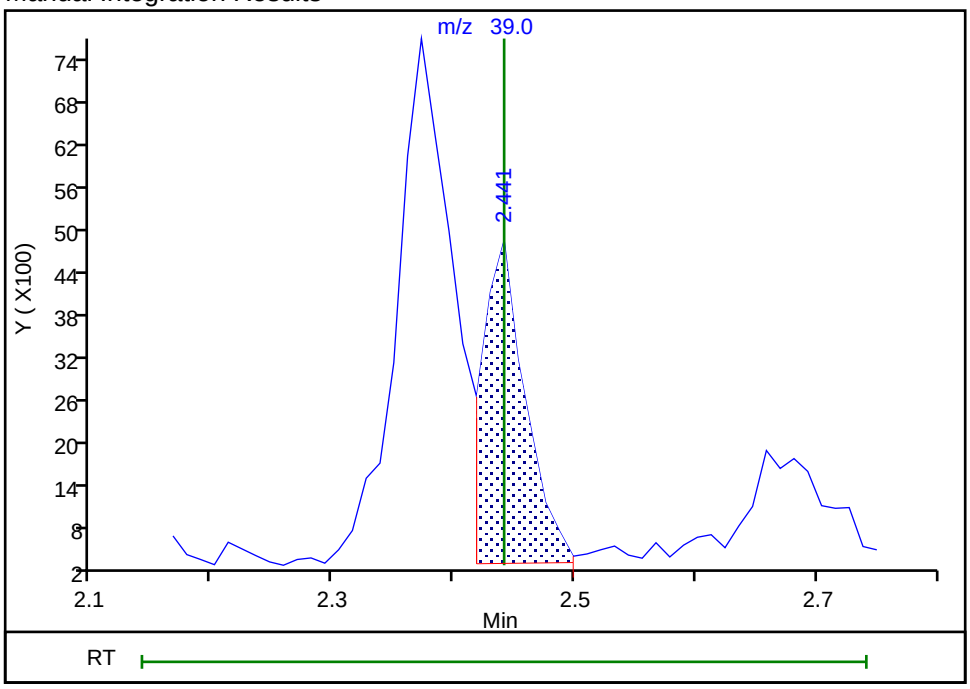
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 11530
Amount: 48.104004
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:46:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

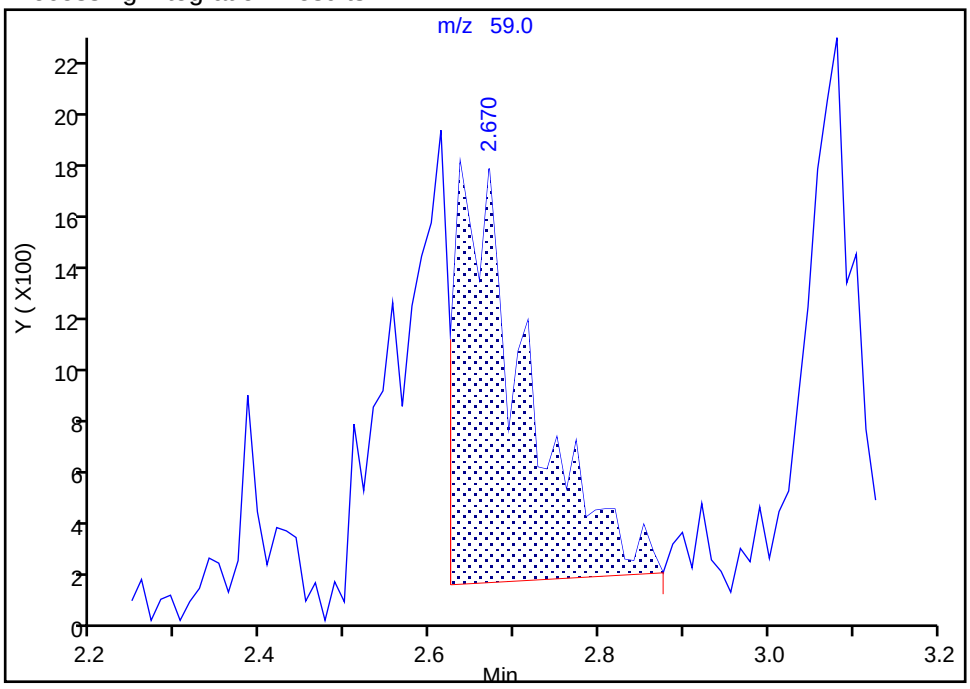
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Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

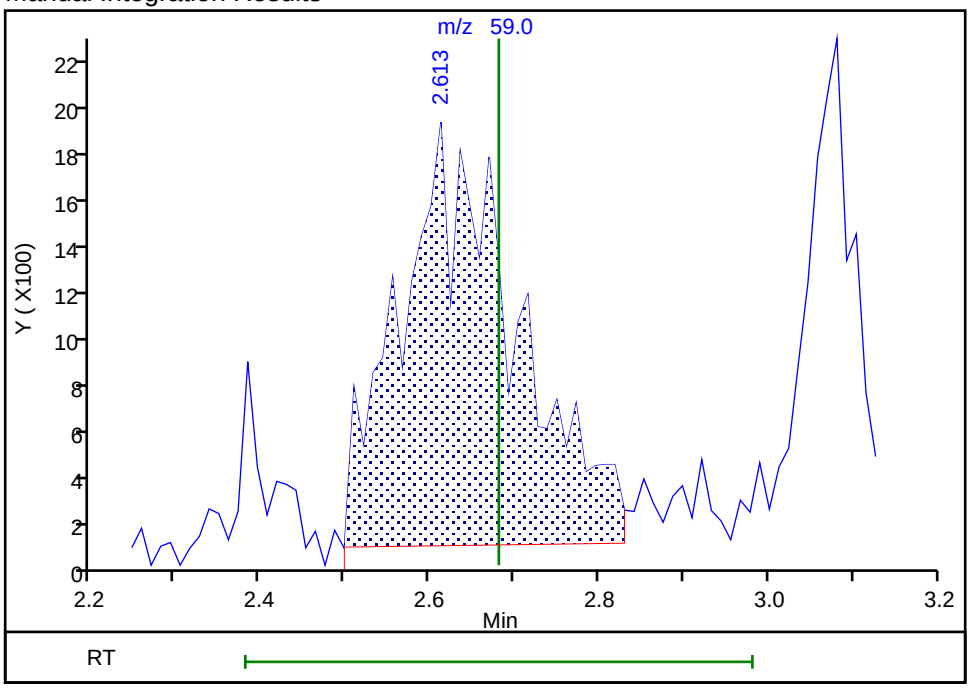
Processing Integration Results

RT: 2.67
Area: 9758
Amount: 25.203147
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 17591
Amount: 47.887768
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:37:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

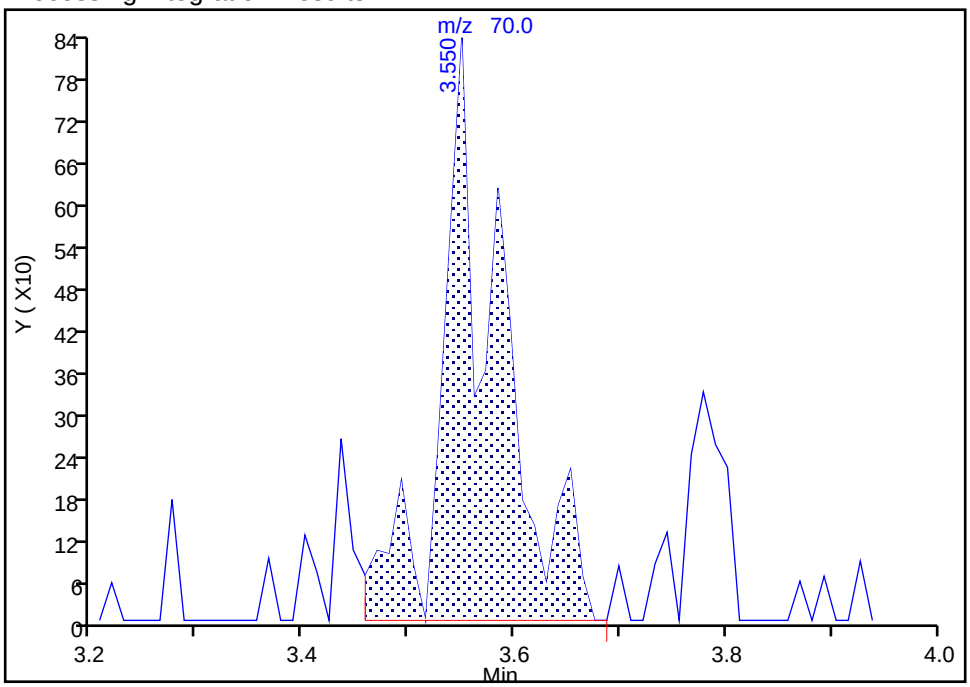
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

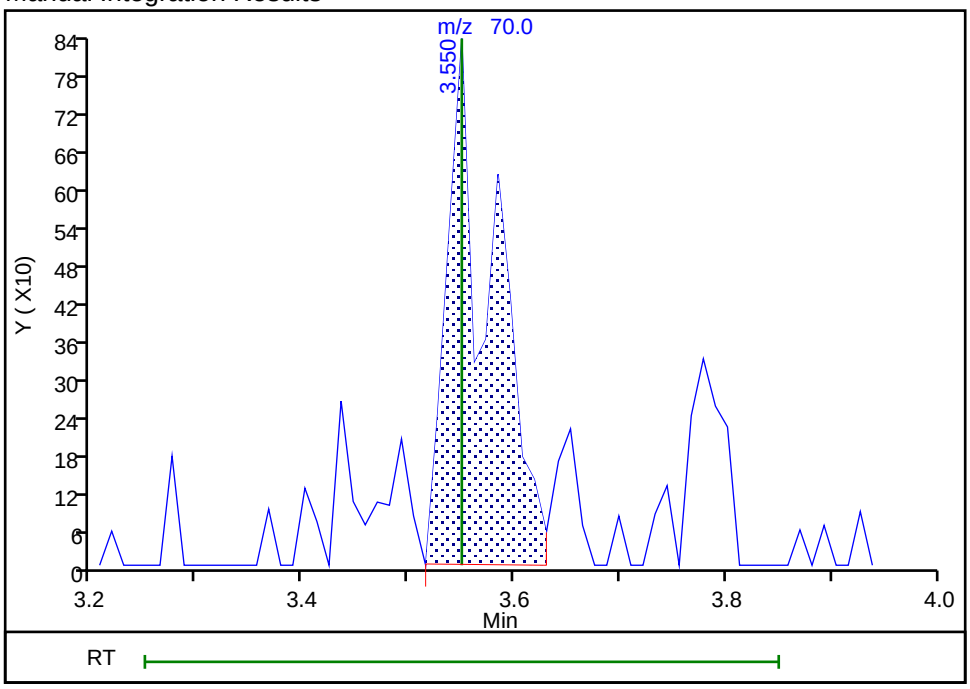
Processing Integration Results

RT: 3.55
Area: 3209
Amount: 11.064316
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 2529
Amount: 9.074334
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:38:06
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

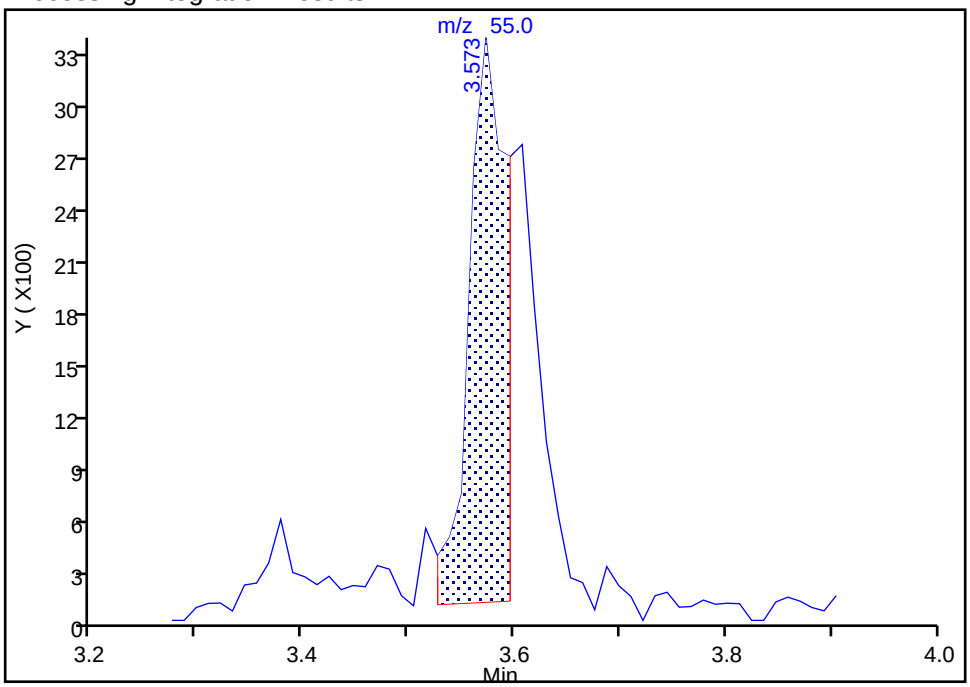
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

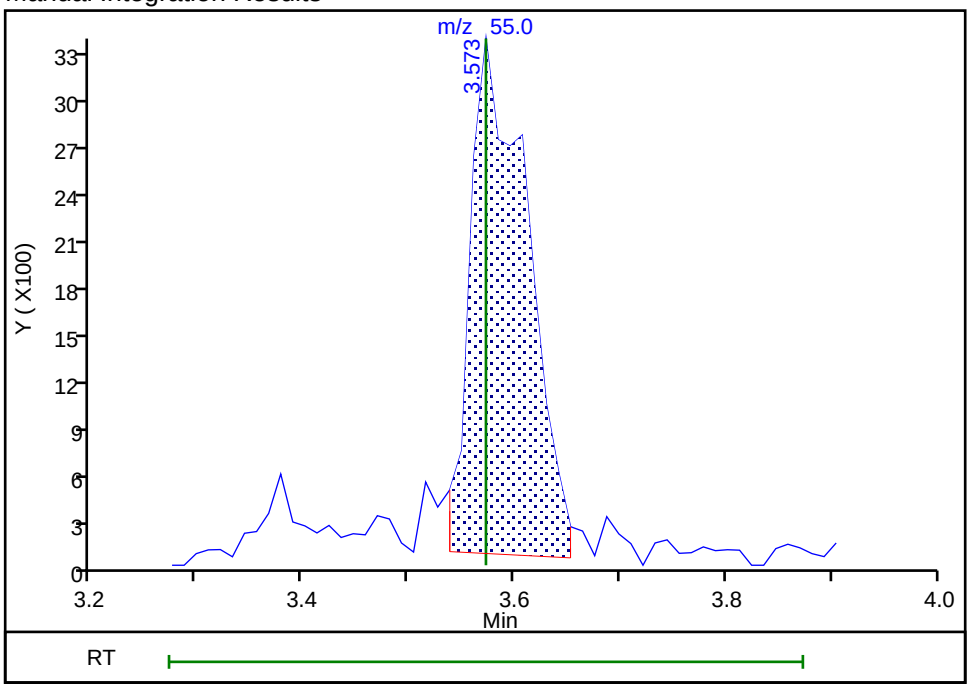
Processing Integration Results

RT: 3.57
Area: 8391
Amount: 2.908761
Amount Units: ug/l



Manual Integration Results

RT: 3.57
Area: 12527
Amount: 4.367812
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:47:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

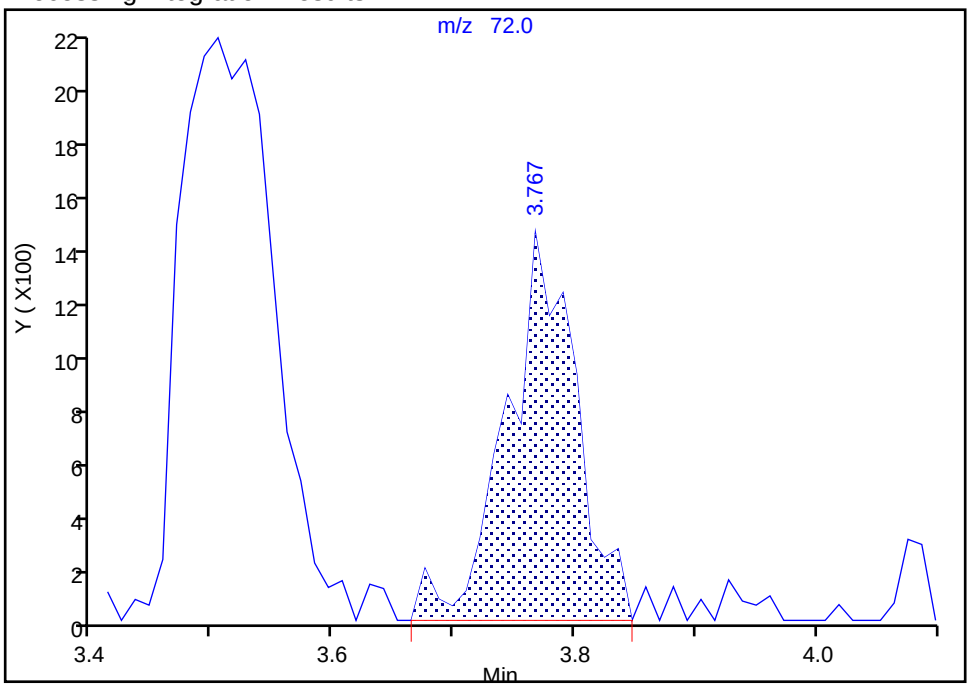
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Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

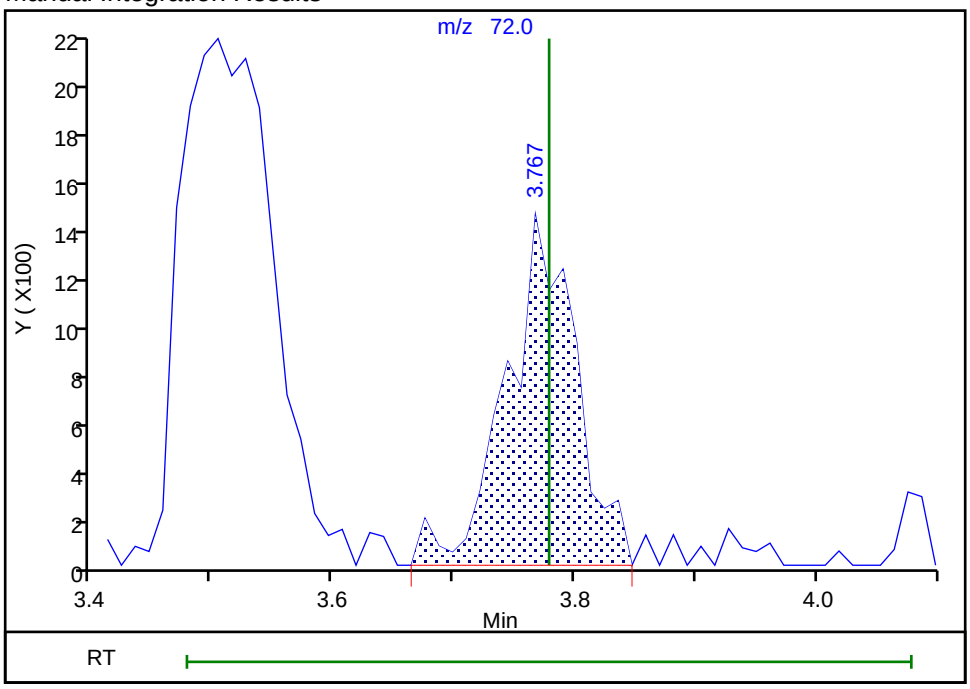
Processing Integration Results

RT: 3.77
Area: 5710
Amount: 11.035724
Amount Units: ug/l



Manual Integration Results

RT: 3.77
Area: 5710
Amount: 10.681397
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:03:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

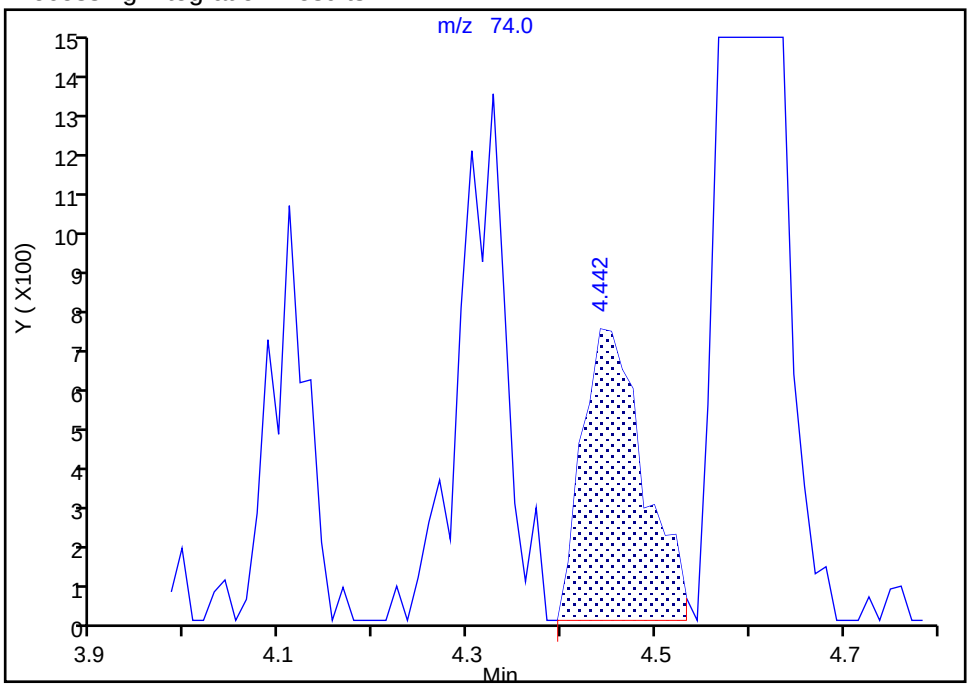
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Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

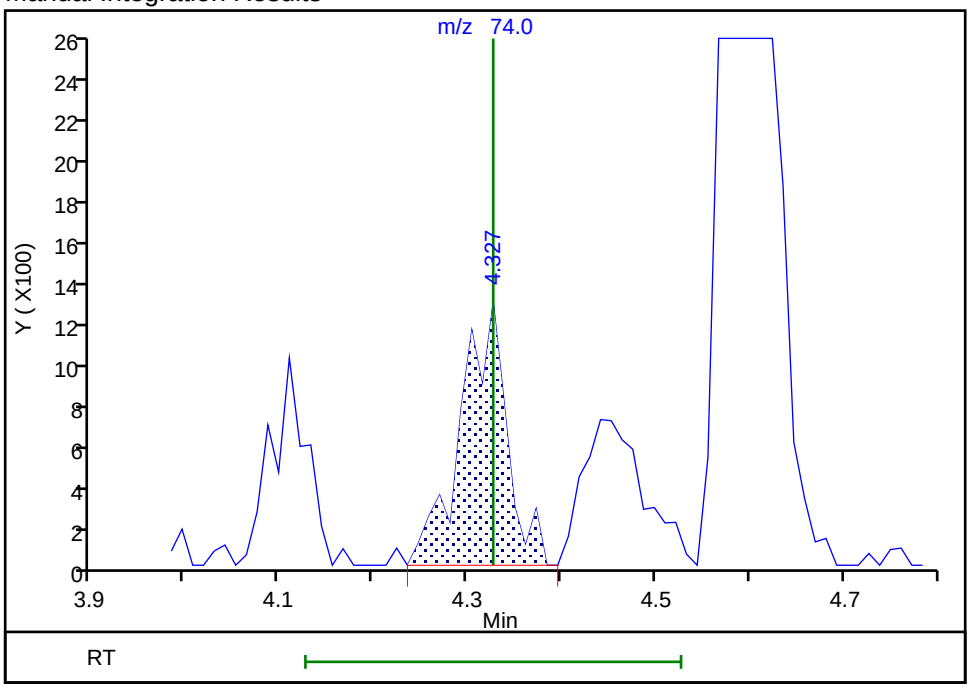
Processing Integration Results

RT: 4.44
Area: 3215
Amount: 79.970946
Amount Units: ug/l



Manual Integration Results

RT: 4.33
Area: 4362
Amount: 102.9853
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:04:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

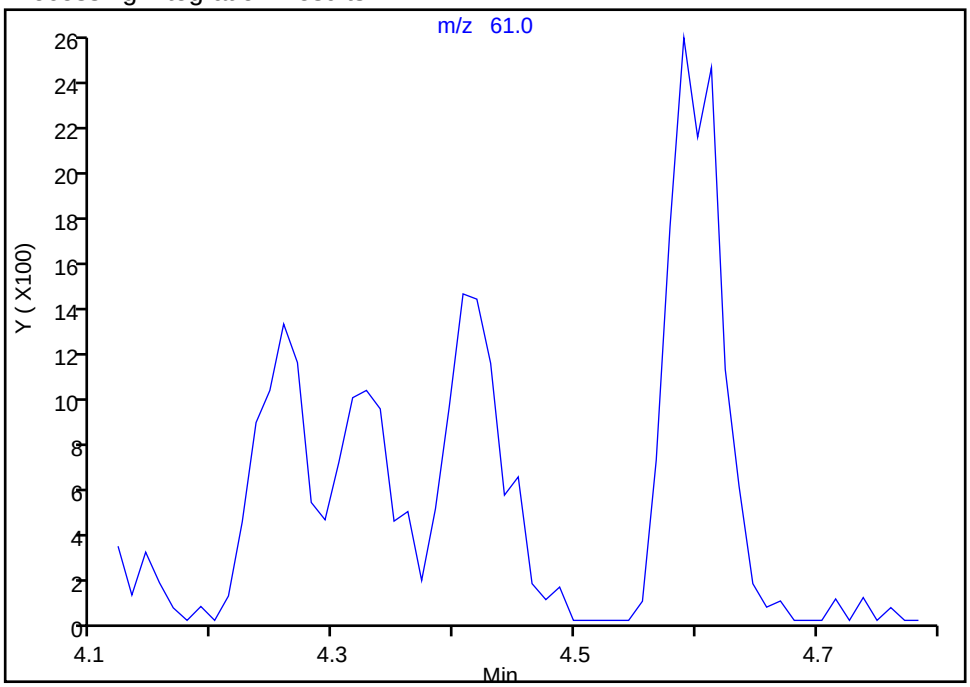
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

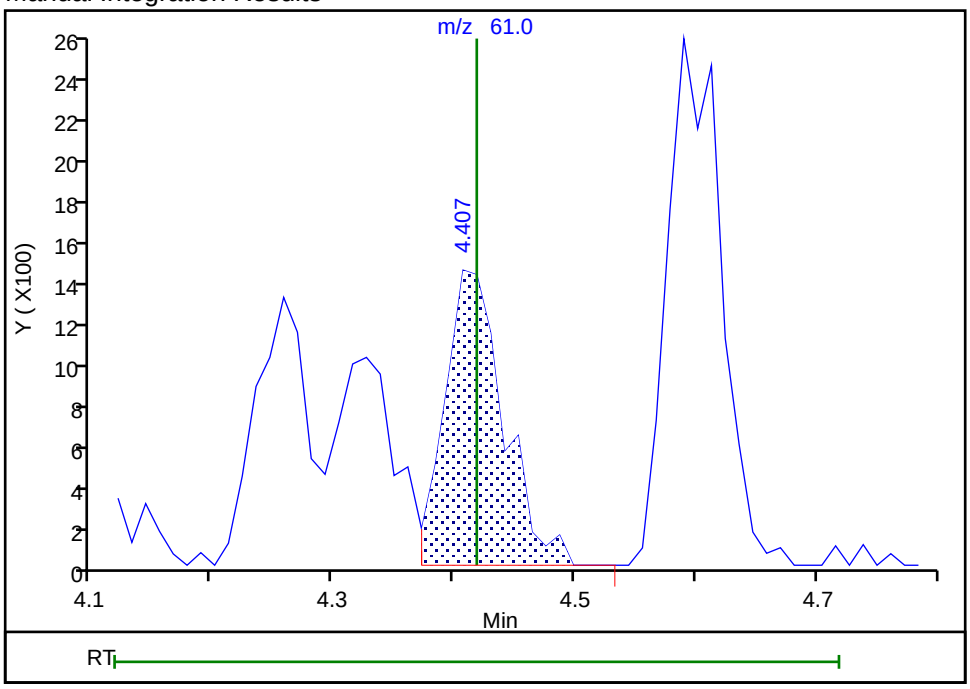
Not Detected
Expected RT: 4.42

Processing Integration Results



Manual Integration Results

RT: 4.41
Area: 4898
Amount: 4.155081
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:47:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

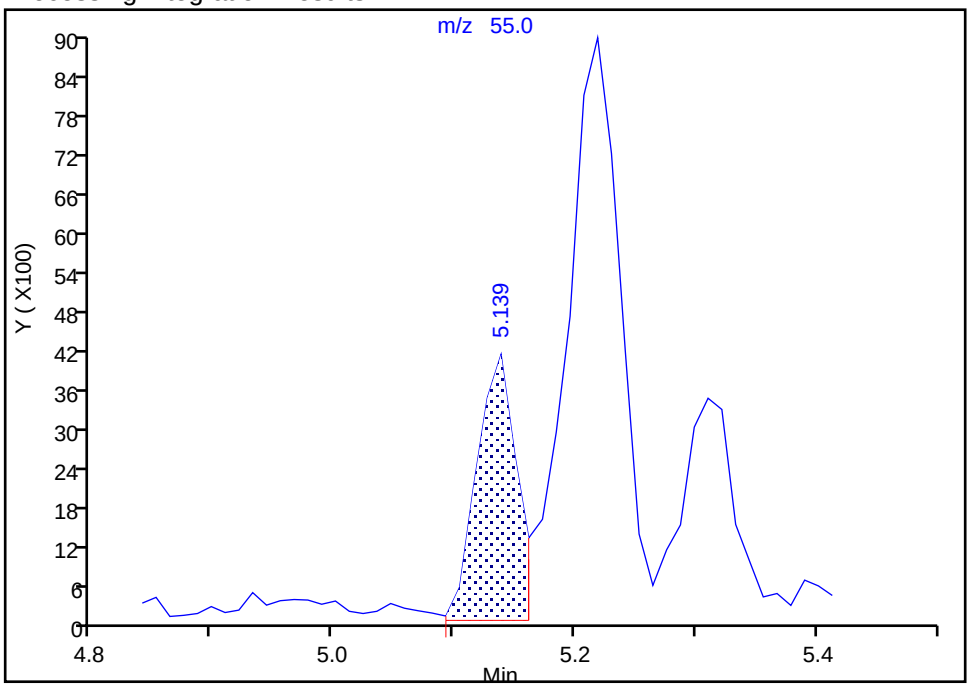
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

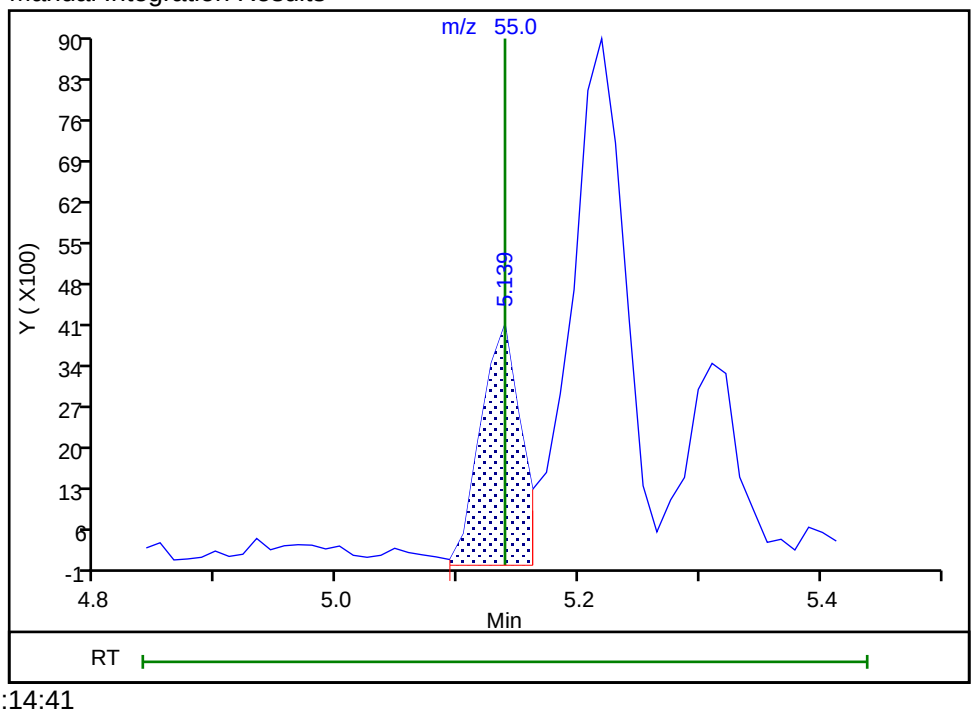
Processing Integration Results

RT: 5.14
Area: 9505
Amount: 3.081204
Amount Units: ug/l



Manual Integration Results

RT: 5.14
Area: 9649
Amount: 3.127834
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:14:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

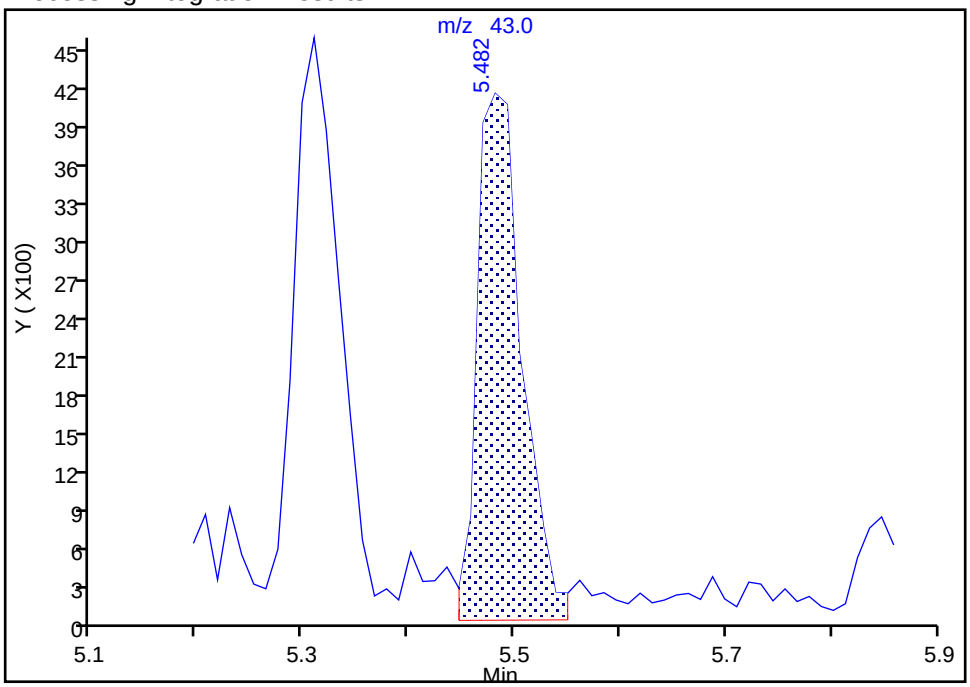
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

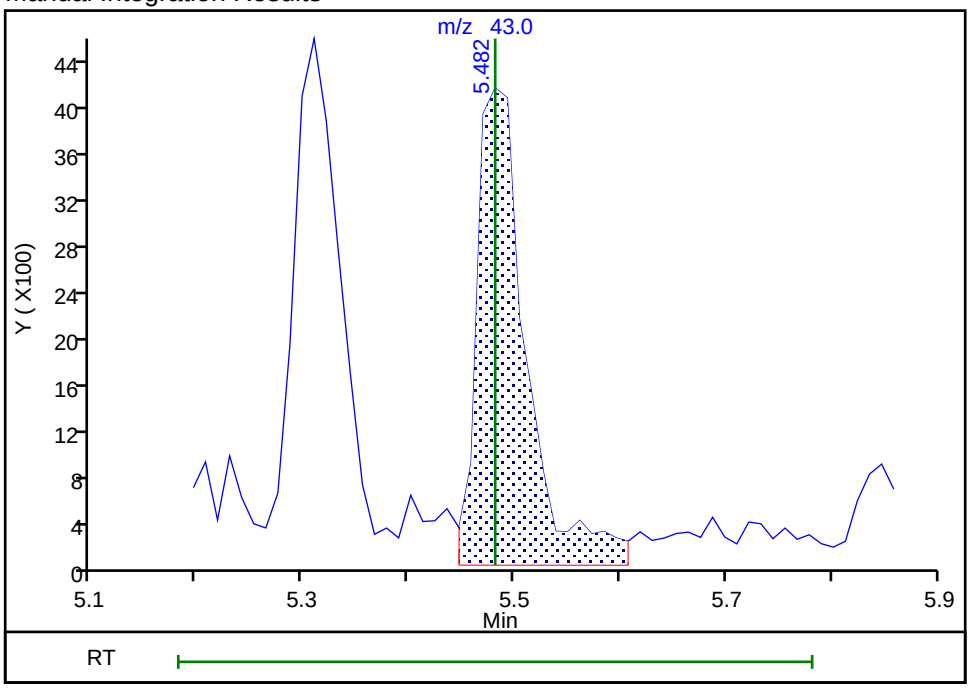
Processing Integration Results

RT: 5.48
Area: 11998
Amount: 3.816245
Amount Units: ug/l



Manual Integration Results

RT: 5.48
Area: 13513
Amount: 4.296685
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:16:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

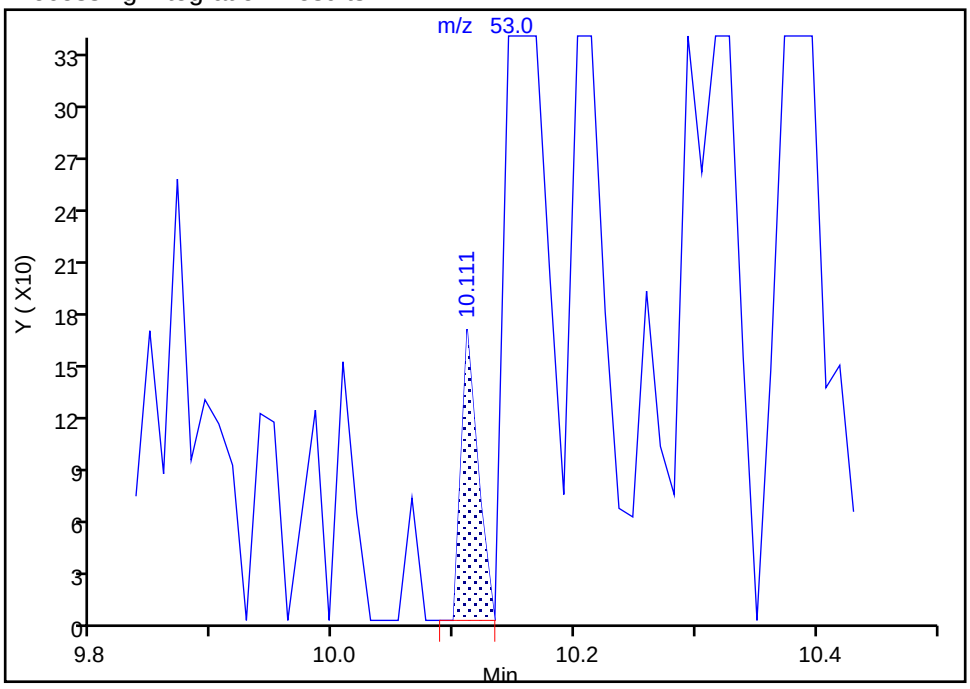
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

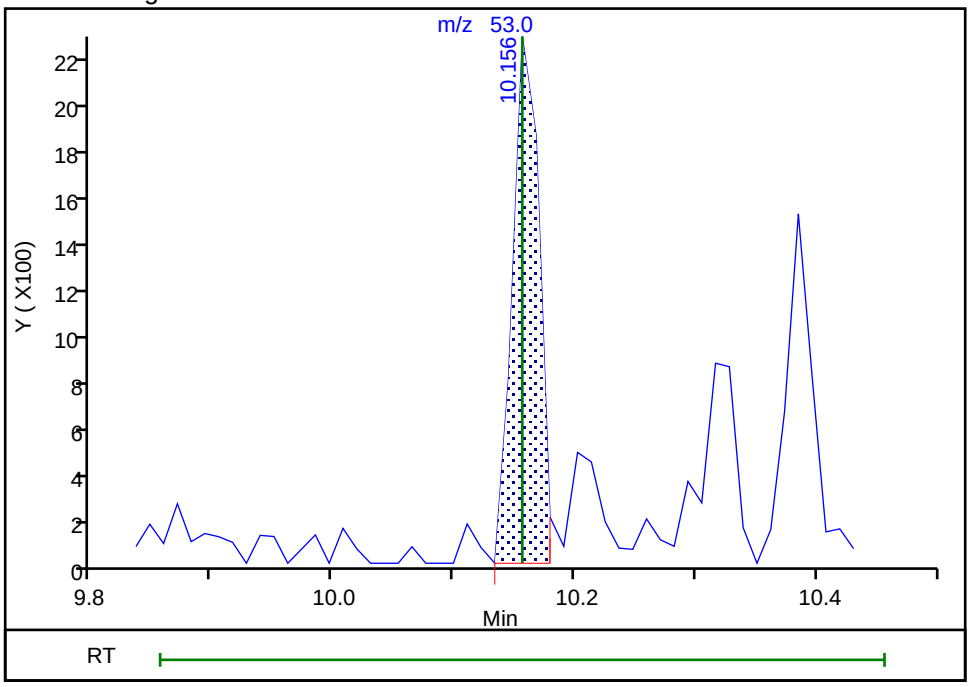
Processing Integration Results

RT: 10.11
Area: 163
Amount: 0.273481
Amount Units: ug/l



Manual Integration Results

RT: 10.16
Area: 3502
Amount: 4.447815
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:48:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

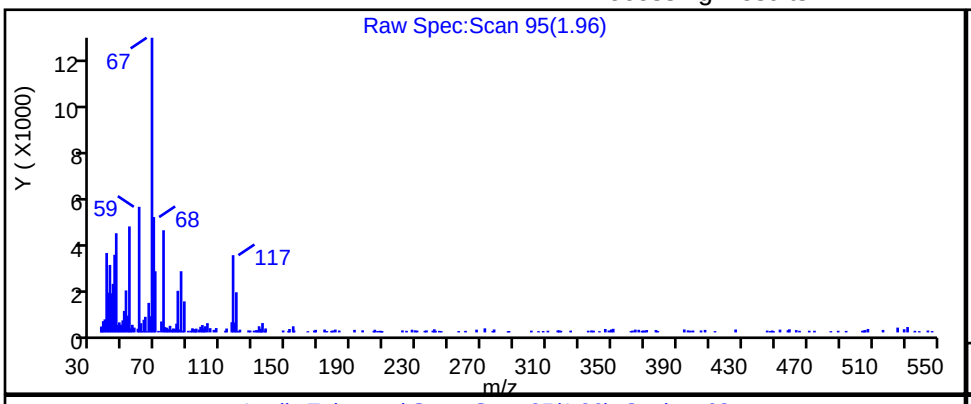
User Disabled Compound Report

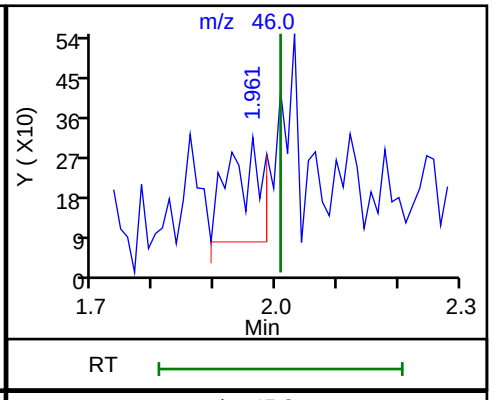
Eurofins Edison

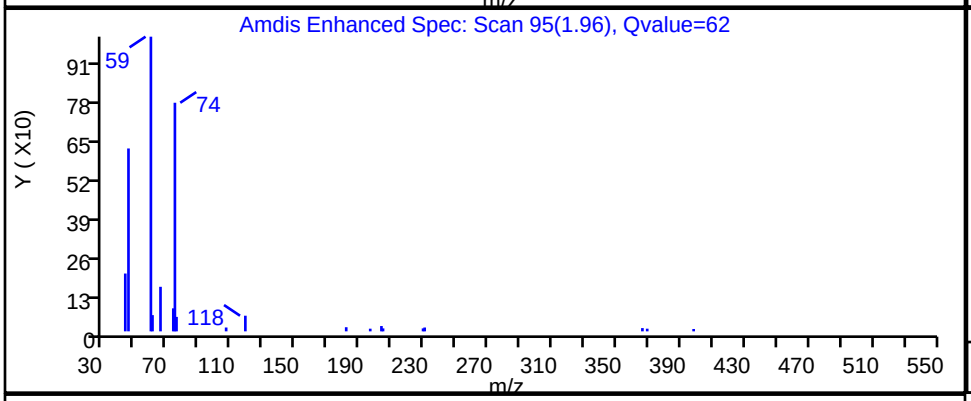
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Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

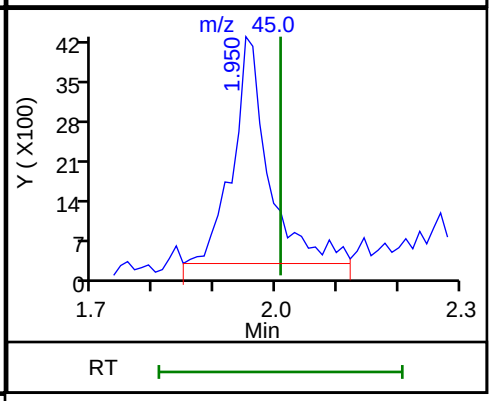
14 Ethanol, CAS: 64-17-5

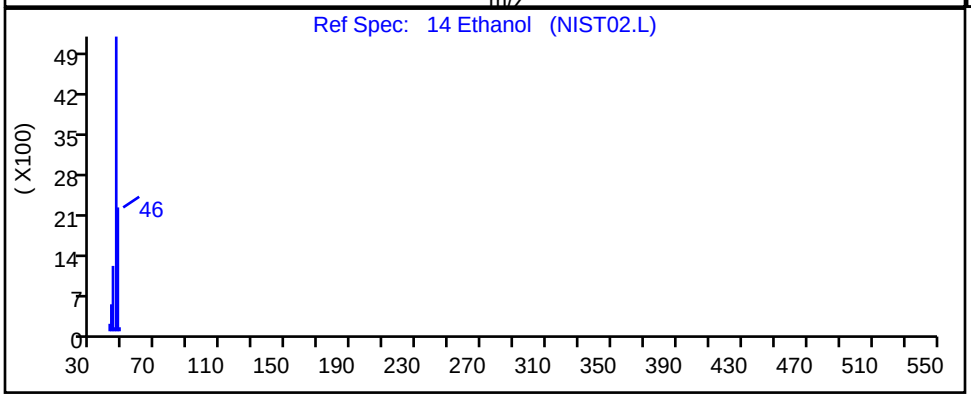
Processing Results











RT	Mass	Response	Amount
1.96	46.00	874	59.689082
1.95	45.00	16452	

Reviewer: W9CM, 06-Oct-2022 15:36:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

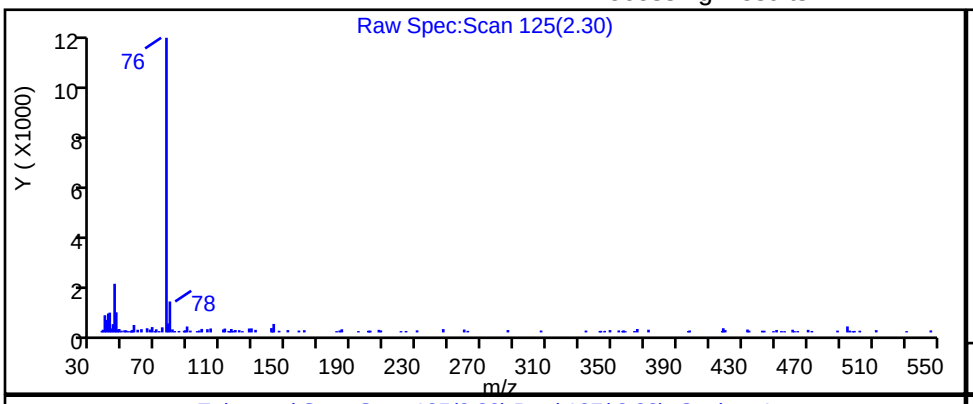
User Disabled Compound Report

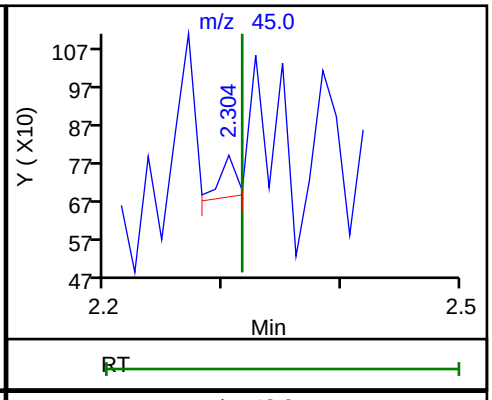
Eurofins Edison

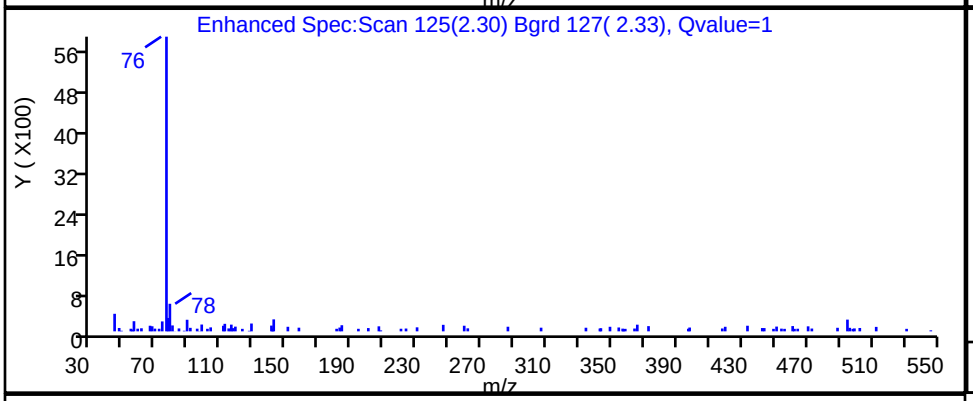
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38863.D
Injection Date: 04-Oct-2022 13:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

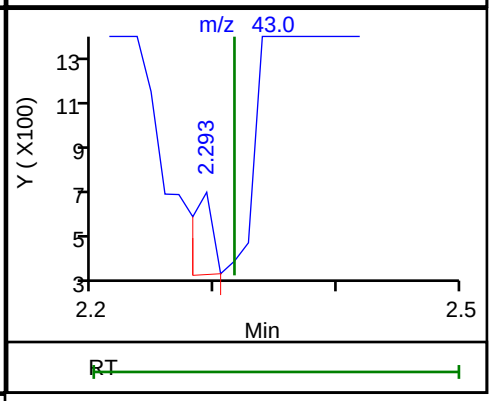
24 Isopropyl alcohol, CAS: 67-63-0

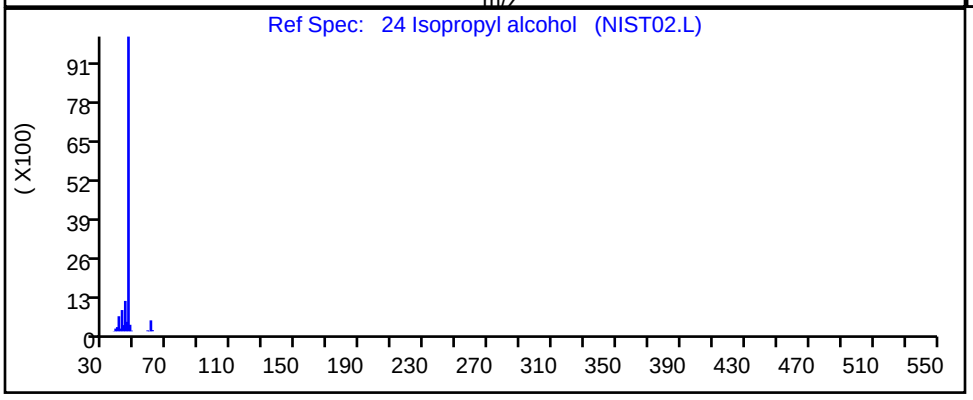
Processing Results











RT	Mass	Response	Amount
2.30	45.00	113	1.282582
2.29	43.00	419	

Reviewer: W9CM, 06-Oct-2022 15:36:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 04-Oct-2022 13:36:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0151264-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2022 16:23:58 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: RD6L Date: 04-Oct-2022 14:36:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.138	1.138	0.000	93	57784	NC	NC	
2 Chlorotrifluoroethene	116	1.150	1.150	0.000	61	63911	20.0	21.7	
5 Chlorodifluoromethane	67	1.161	1.161	0.000	94	24376	20.0	21.5	
4 Dichlorodifluoromethane	85	1.173	1.173	0.000	67	208000	20.0	24.8	
6 Chloromethane	50	1.298	1.298	0.000	98	177400	20.0	22.8	
7 Butadiene	54	1.356	1.356	0.000	92	113102	20.0	23.3	
8 Vinyl chloride	62	1.367	1.367	0.000	95	132216	20.0	23.5	
9 Bromomethane	94	1.573	1.573	0.000	98	114957	20.0	21.2	
10 Chloroethane	64	1.618	1.618	0.000	99	80579	20.0	21.6	
11 Dichlorofluoromethane	67	1.767	1.767	0.000	99	233981	20.0	22.8	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	49	202502	20.0	23.5	
13 Pentane	72	1.824	1.824	0.000	96	38444	40.0	45.8	
15 Ethyl ether	59	1.961	1.961	0.000	92	63892	20.0	19.8	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	84	82591	20.0	22.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.984	1.984	0.000	88	101540	20.0	20.9	
14 Ethanol	46	2.007	2.007	0.000	64	12384	800.0	766.8	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	72	152803	20.0	20.3	a
19 Acrolein	56	2.053	2.053	0.000	97	159068	300.0	304.8	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	98	79754	20.0	20.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.156	2.156	0.000	96	105200	20.0	22.2	
22 Acetone	43	2.167	2.167	0.000	67	109071	100.0	93.6	
23 Iodomethane	142	2.236	2.236	0.000	98	158639	20.0	20.7	
25 Carbon disulfide	76	2.281	2.281	0.000	100	287258	20.0	21.6	
24 Isopropyl alcohol	45	2.316	2.316	0.000	24	20486	200.0	170.8	Ma
26 3-Chloro-1-propene	39	2.373	2.373	0.000	90	91421	20.0	18.5	
27 Methyl acetate	43	2.396	2.396	0.000	99	74687	40.0	41.2	
28 Cyclopentene	67	2.441	2.441	0.000	93	204986	20.0	21.4	
29 Acetonitrile	39	2.441	2.441	0.000	29	63560	200.0	243.9	a
31 Methylene Chloride	84	2.464	2.464	0.000	87	94837	20.0	19.3	
* 30 TBA-d9 (IS)	65	2.590	2.590	0.000	80	303459	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
35 Acrylonitrile	53	2.658	2.658	0.000	96	250334	200.0	191.2	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	93	92391	20.0	21.5	
33 Methyl tert-butyl ether	73	2.681	2.681	0.000	96	243335	20.0	20.5	
32 2-Methyl-2-propanol	59	2.681	2.681	0.000	35	74963	200.0	187.7	
36 Hexane	43	2.899	2.899	0.000	92	65630	20.0	21.4	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	100	145156	20.0	21.0	
39 Vinyl acetate	86	3.047	3.047	0.000	99	19410	40.0	40.2	a
37 Isopropyl ether	45	3.070	3.070	0.000	89	226230	20.0	19.9	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	91	78100	20.0	20.4	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	90	106630	20.0	20.4	
* 42 2-Butanone-d5	46	3.470	3.470	0.000	97	267286	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	98	98821	20.0	20.8	
43 2,2-Dichloropropane	79	3.516	3.516	0.000	83	41096	20.0	19.2	
46 2-Butanone (MEK)	72	3.527	3.527	0.000	98	41555	100.0	93.6	
45 Ethyl acetate	70	3.550	3.550	0.000	94	13840	40.0	44.9	
48 Propionitrile	54	3.573	3.573	0.000	61	99610	200.0	196.9	
47 Methyl acrylate	55	3.573	3.573	0.000	31	56437	20.0	18.3	Ma
51 Methacrylonitrile	67	3.710	3.710	0.000	89	278154	200.0	191.4	
50 Chlorobromomethane	128	3.710	3.710	0.000	83	47128	20.0	20.0	
49 Tetrahydrofuran	72	3.779	3.779	0.000	48	20507	40.0	34.7	
52 Chloroform	83	3.790	3.790	0.000	98	147522	20.0	20.2	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	95	188728	50.0	51.2	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	98	116101	20.0	19.4	
53 Cyclohexane	84	4.030	4.030	0.000	87	156817	20.0	21.8	
57 1,1-Dichloropropene	75	4.121	4.121	0.000	97	112471	20.0	21.2	
56 Carbon tetrachloride	117	4.133	4.133	0.000	93	69717	20.0	18.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	197787	50.0	53.2	
58 Isobutyl alcohol	74	4.327	4.327	0.000	38	20468	500.0	444.5	a
60 Benzene	78	4.327	4.327	0.000	94	327894	20.0	20.9	
64 1,2-Dichloroethane	62	4.339	4.339	0.000	95	99252	20.0	19.3	
62 Isopropyl acetate	61	4.419	4.419	0.000	70	20709	20.0	16.4	a
59 Isooctane	57	4.419	4.419	0.000	94	305217	20.0	20.0	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	97	247615	20.0	19.8	
* 66 Fluorobenzene	96	4.602	4.602	0.000	98	700525	50.0	50.0	
65 n-Heptane	43	4.613	4.613	0.000	48	101632	20.0	18.9	
68 n-Butanol	56	4.944	4.944	0.000	22	19098	500.0	348.9	a
69 Trichloroethene	95	5.002	5.002	0.000	97	78406	20.0	19.7	
70 Ethyl acrylate	55	5.139	5.139	0.000	97	44247	20.0	13.3	M
71 Methylcyclohexane	83	5.219	5.219	0.000	92	174153	20.0	21.4	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	90	72729	20.0	19.6	
77 Dibromomethane	93	5.379	5.379	0.000	95	46229	20.0	19.9	
75 1,4-Dioxane	88	5.402	5.402	0.000	32	19448	400.0	386.9	
74 Methyl methacrylate	69	5.402	5.402	0.000	87	61633	40.0	33.9	
* 73 1,4-Dioxane-d8	96	5.424	5.424	0.000	38	38001	1000.0	1000.0	
76 n-Propyl acetate	43	5.482	5.482	0.000	97	48871	20.0	14.4	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	72172	20.0	17.8	
79 2-Nitropropane	41	5.836	5.836	0.000	56	11156	40.0	43.8	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	1	3695	20.0	20.7	a
80 Epichlorohydrin	57	6.007	6.007	0.000	99	104722	400.0	372.7	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	93	89867	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.350	6.350	0.000	97	281842	100.0	90.9	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	679412	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.533	6.533	0.000	94	314828	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	97	71108	20.0	17.8	
86 Ethyl methacrylate	69	7.025	7.025	0.000	87	46863	20.0	13.0	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	48230	20.0	19.4	
88 Tetrachloroethene	166	7.265	7.265	0.000	93	67480	20.0	19.7	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	90	93453	20.0	19.5	
90 2-Hexanone	43	7.482	7.482	0.000	93	128310	100.0	88.4	
92 Chlorodibromomethane	129	7.619	7.619	0.000	96	32670	20.0	17.9	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	36586	20.0	12.9	
93 Ethylene Dibromide	107	7.756	7.756	0.000	99	52639	20.0	18.3	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	84	442973	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	98	195208	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	88	51159	20.0	18.5	
96 Ethylbenzene	106	8.682	8.682	0.000	98	113526	20.0	19.8	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	143669	20.0	20.1	
100 o-Xylene	106	9.345	9.345	0.000	95	159217	20.0	20.2	
101 Styrene	104	9.368	9.368	0.000	95	216144	20.0	19.2	
99 n-Butyl acrylate	73	9.379	9.379	0.000	97	18155	20.0	11.5	
103 Bromoform	173	9.551	9.551	0.000	93	16032	20.0	17.1	M
102 Amyl acetate (mixed isomers)	43	9.653	9.653	0.000	92	20624	20.0	9.06	
104 Isopropylbenzene	105	9.779	9.779	0.000	96	405046	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	173368	50.0	50.5	
106 Bromobenzene	156	10.054	10.054	0.000	96	79563	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	97	85237	20.0	19.1	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	97	23706	20.0	18.4	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	66	14641	20.0	17.9	M
108 N-Propylbenzene	91	10.202	10.202	0.000	99	459716	20.0	20.7	
111 2-Chlorotoluene	91	10.271	10.271	0.000	97	251440	20.0	19.0	
112 4-Ethyltoluene	105	10.316	10.316	0.000	99	379611	20.0	20.7	
114 4-Chlorotoluene	91	10.374	10.374	0.000	98	270250	20.0	19.5	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	92	344803	20.0	19.9	
115 Butyl Methacrylate	87	10.522	10.522	0.000	89	21012	20.0	8.65	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	262291	20.0	18.9	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	363540	20.0	20.1	
118 sec-Butylbenzene	105	10.876	10.876	0.000	99	462261	20.0	20.7	
120 1,3-Dichlorobenzene	146	10.956	10.956	0.000	97	157492	20.0	19.5	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	239060	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	98	394116	20.0	20.6	
122 1,4-Dichlorobenzene	146	11.036	11.036	0.000	95	157118	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	369324	20.0	19.3	
124 Benzyl chloride	91	11.162	11.162	0.000	99	62286	20.0	17.8	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	352461	20.0	20.5	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	95	170149	20.0	19.4	
126 p-Diethylbenzene	119	11.345	11.345	0.000	92	201588	20.0	19.2	
127 n-Butylbenzene	92	11.356	11.356	0.000	98	209739	20.0	19.3	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	389701	20.0	20.1	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	83	11627	20.0	12.8	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	96	132360	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	12.579	12.579	0.000	93	128012	20.0	19.0	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	87	50454	20.0	20.2	
134 Naphthalene	128	12.751	12.751	0.000	99	353163	20.0	19.1	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	130587	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	42.3	
S 137 Xylenes, Total	100				0		40.0	40.3	
S 139 Total BTEX	1				0		100.0	100.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00496	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00144	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

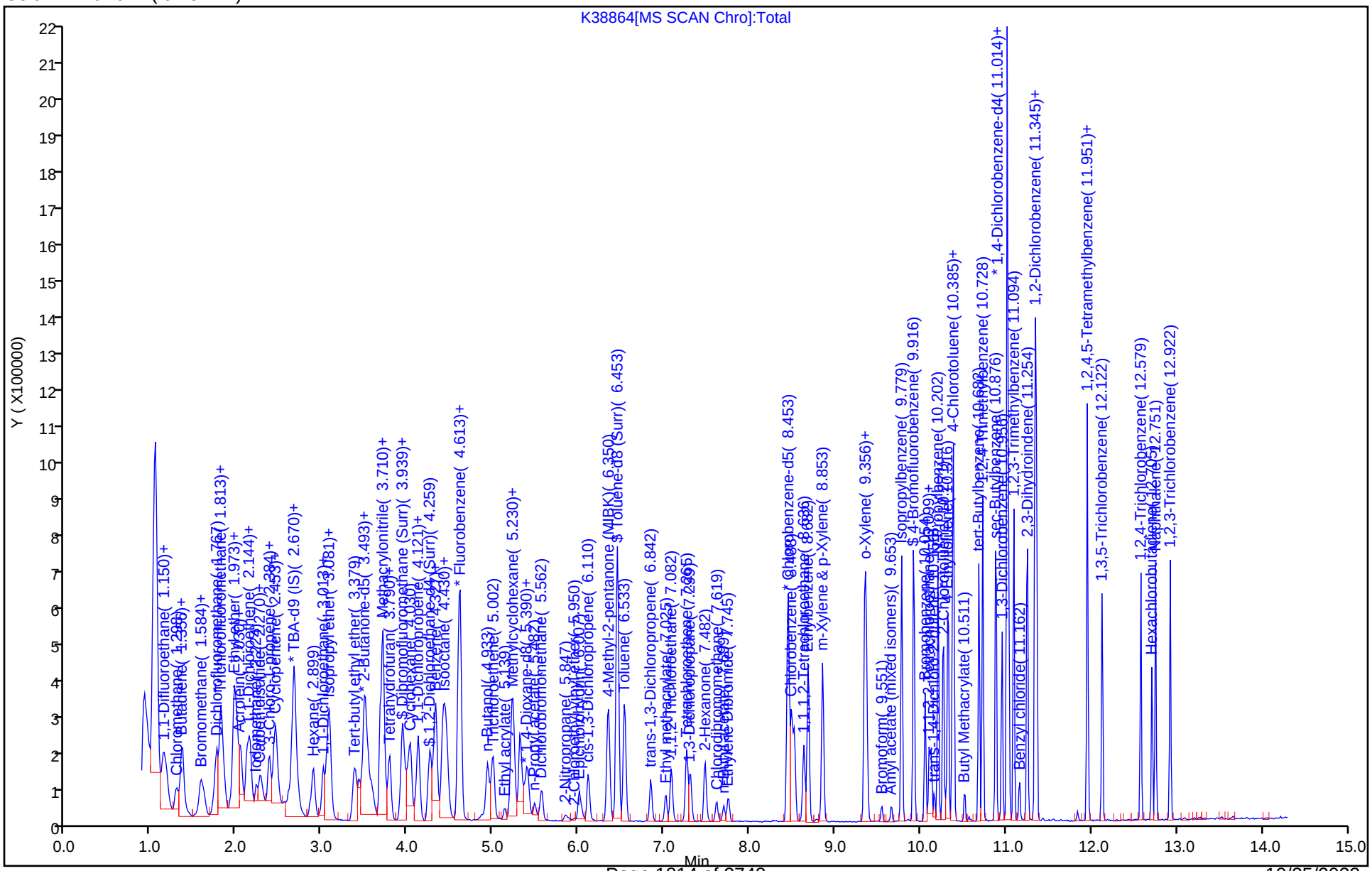
Report Date: 06-Oct-2022 16:23:59 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D

Injection Date:	04-Oct-2022 13:36:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

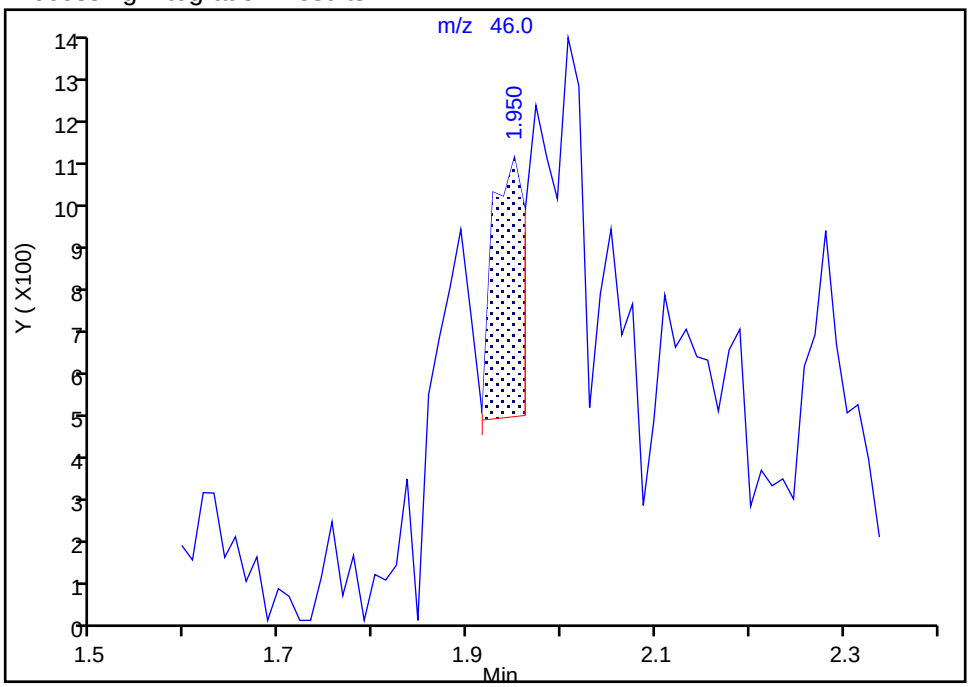
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Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

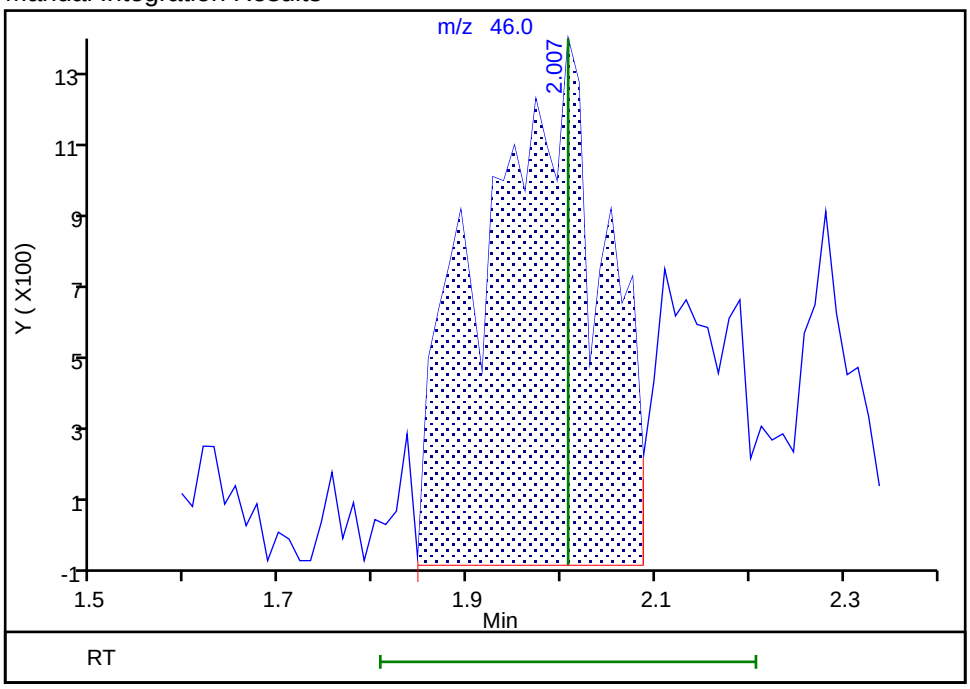
Processing Integration Results

RT: 1.95
Area: 1469
Amount: 102.4238
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 12384
Amount: 766.7781
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:29:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

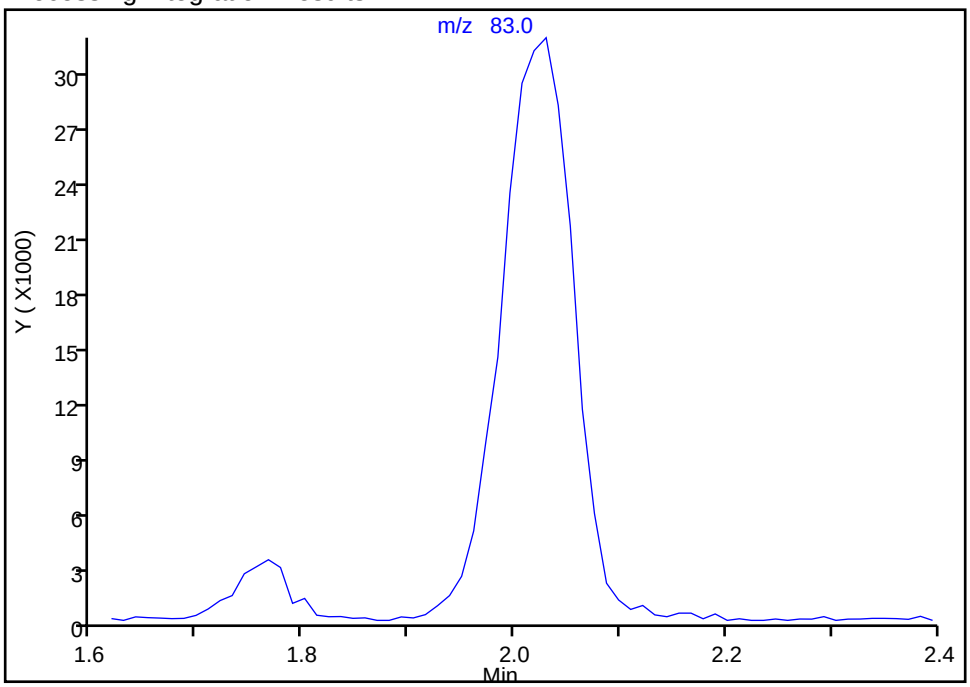
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

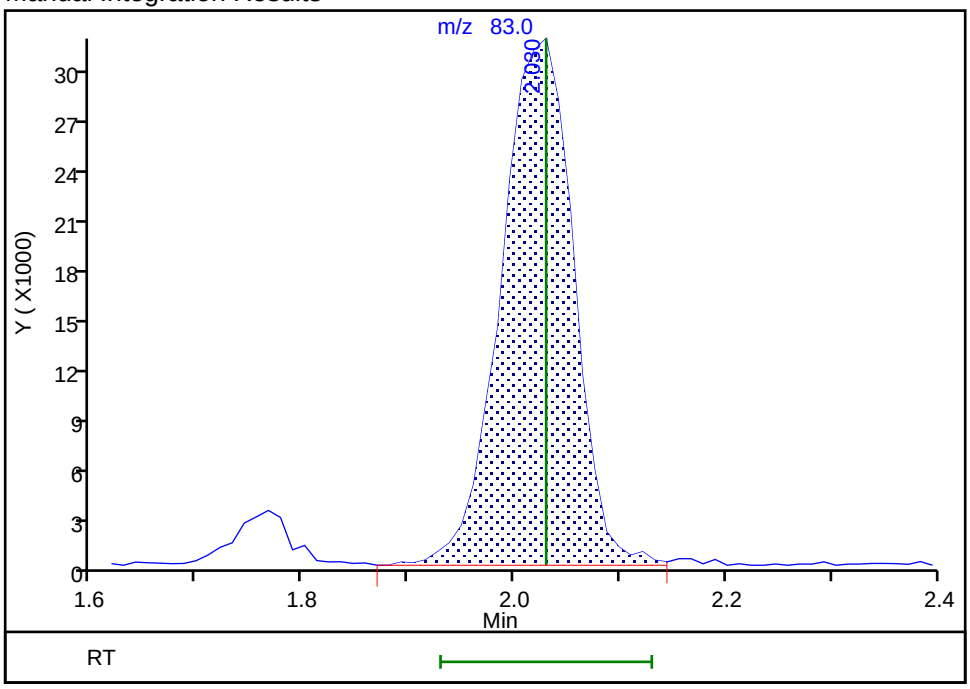
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 152803
Amount: 20.253791
Amount Units: ug/l



Reviewer: RD6L, 04-Oct-2022 14:34:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

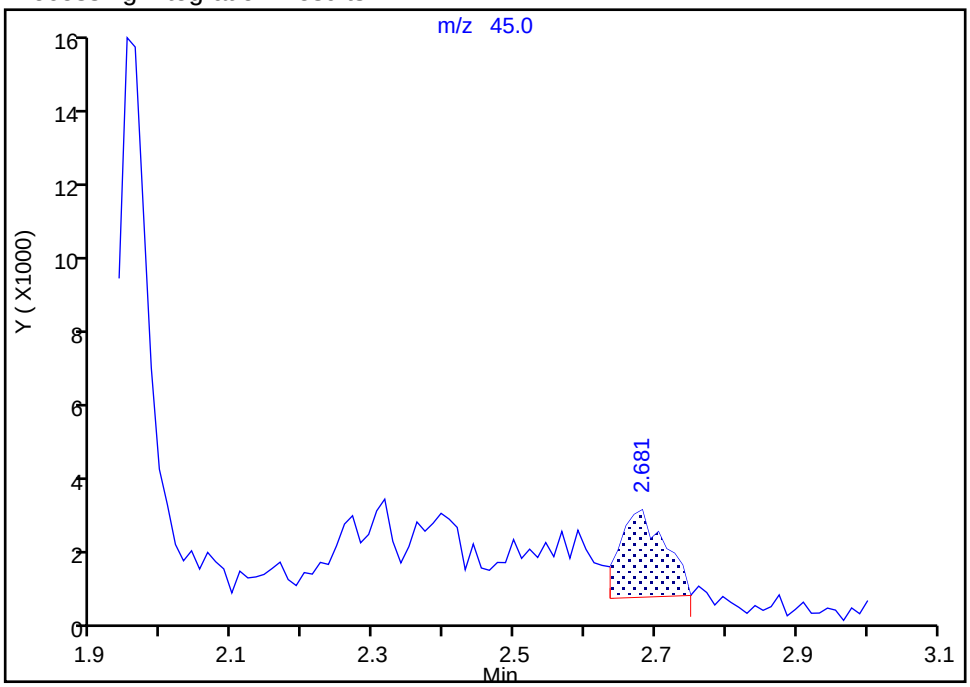
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Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

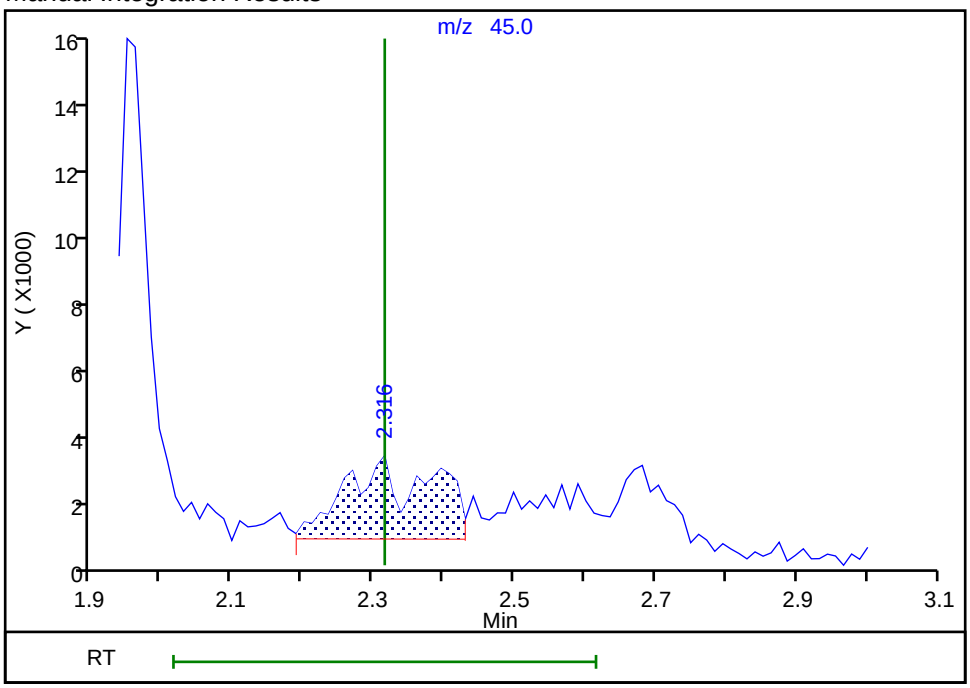
Processing Integration Results

RT: 2.68
Area: 10326
Amount: 131.5785
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 20486
Amount: 170.8384
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:30:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

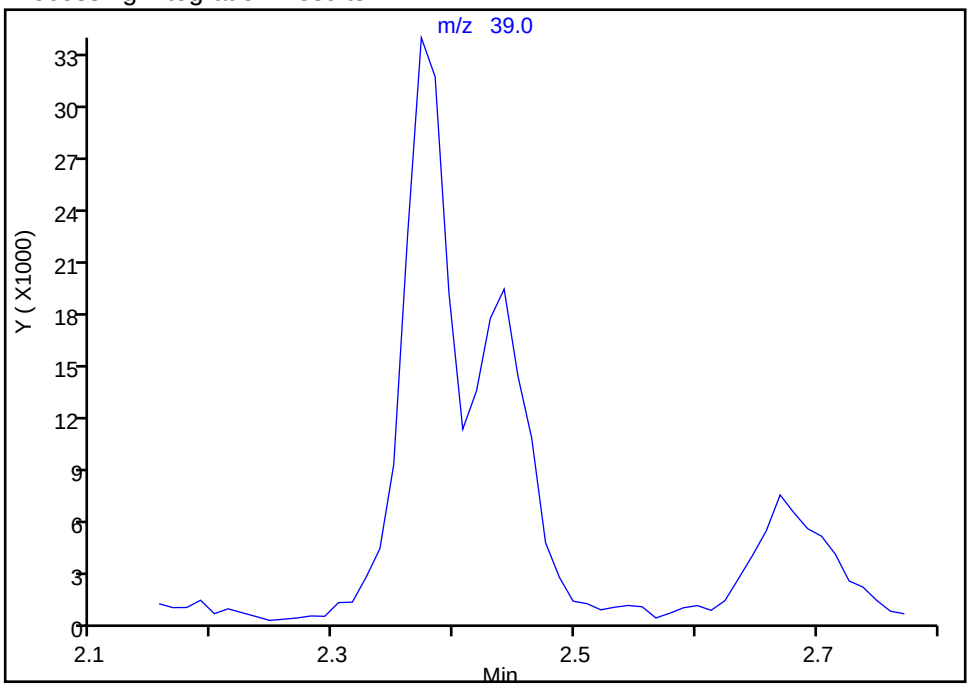
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

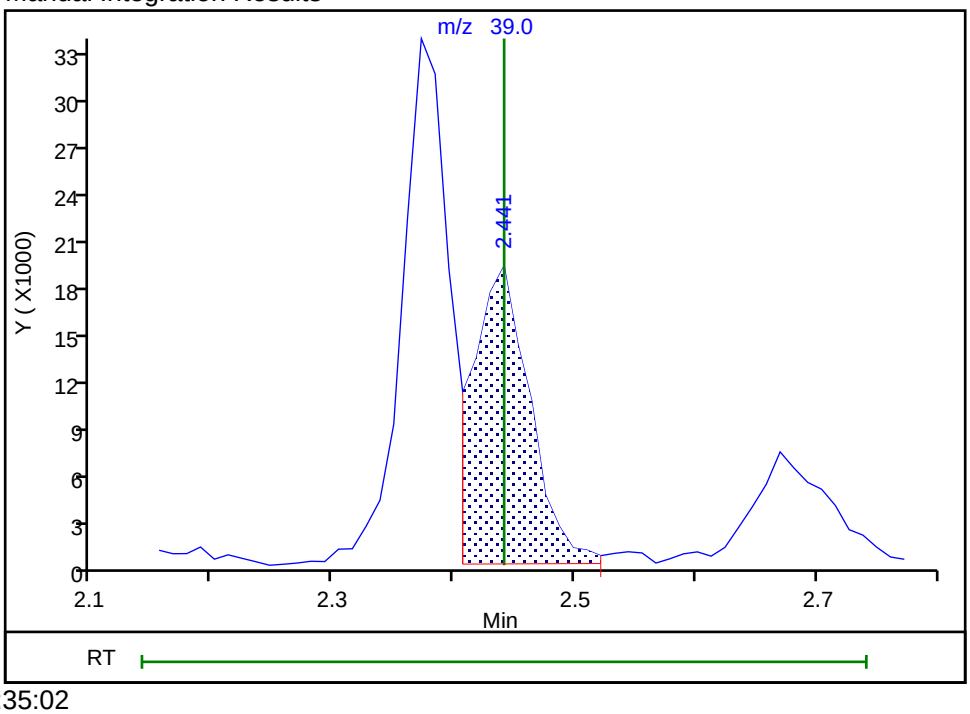
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 63560
Amount: 243.8935
Amount Units: ug/l



Reviewer: RD6L, 04-Oct-2022 14:35:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

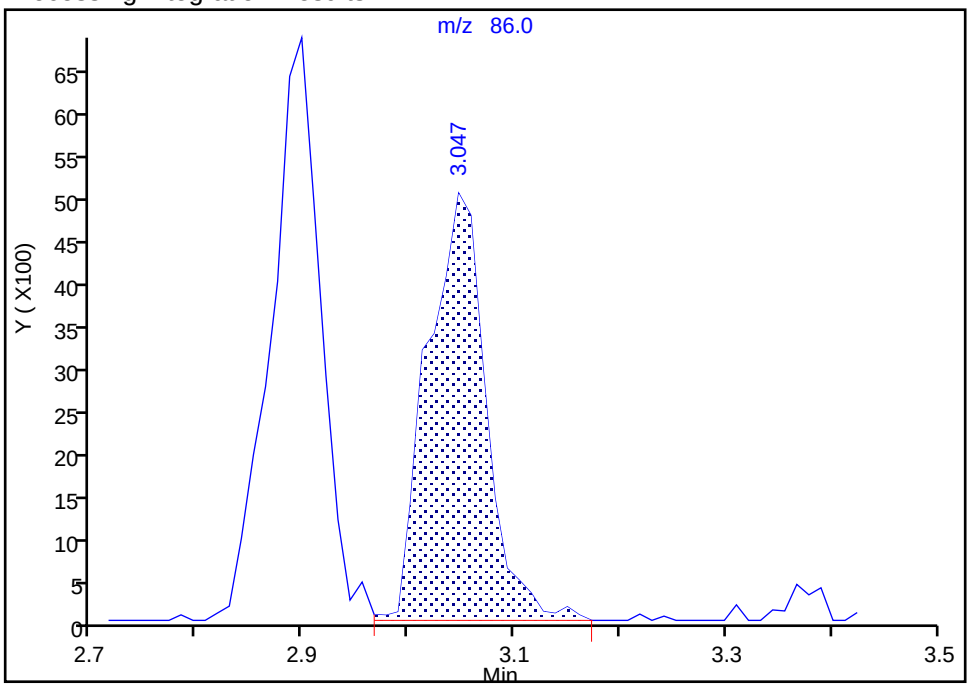
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Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

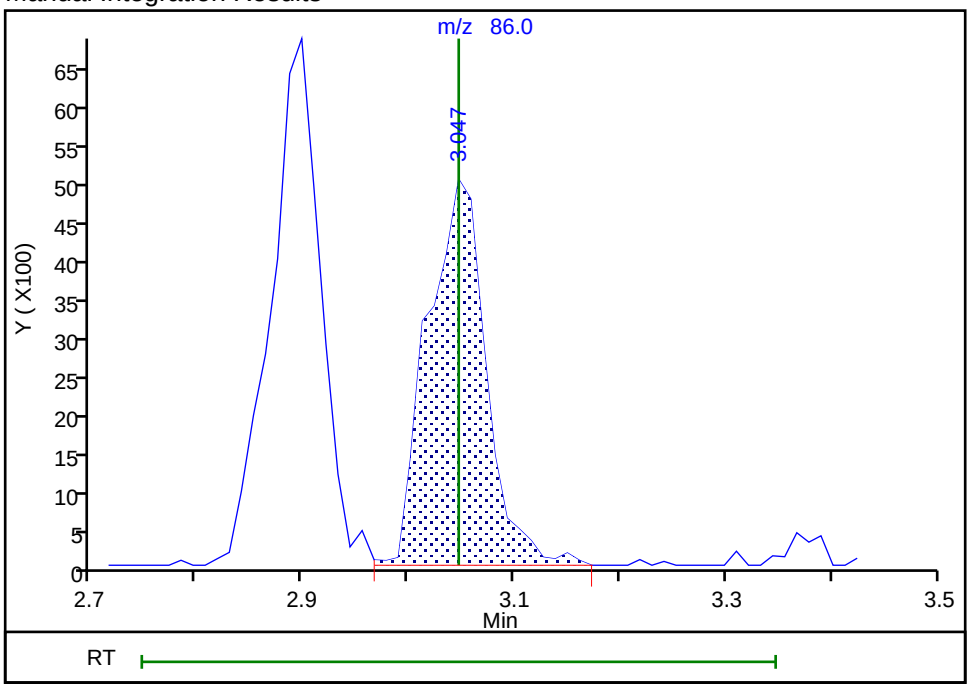
Processing Integration Results

RT: 3.05
Area: 19410
Amount: 40.328471
Amount Units: ug/l



Manual Integration Results

RT: 3.05
Area: 19410
Amount: 40.189144
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:30:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

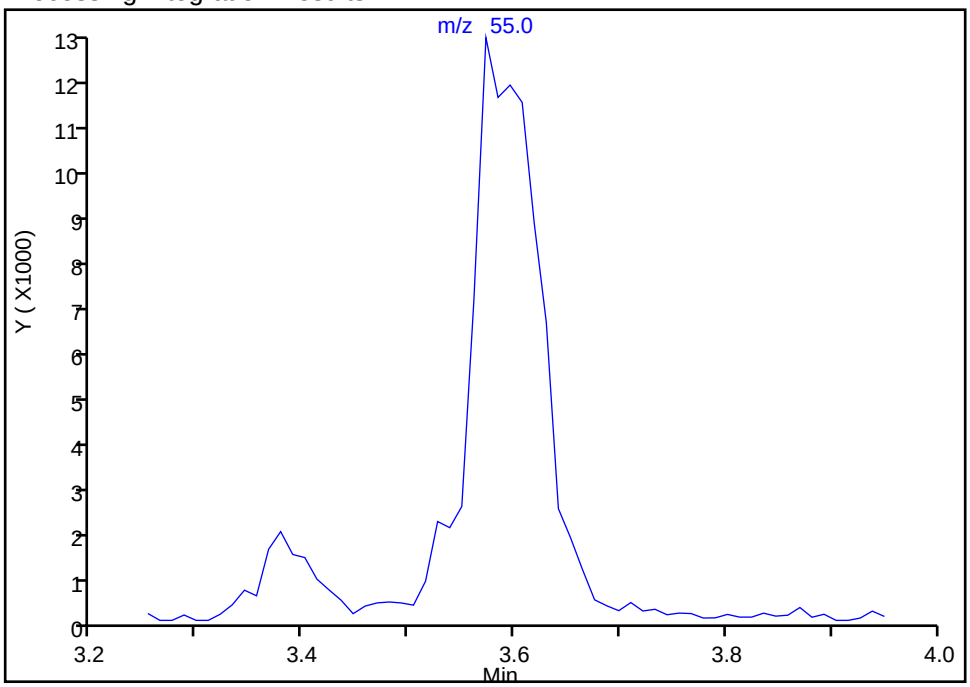
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

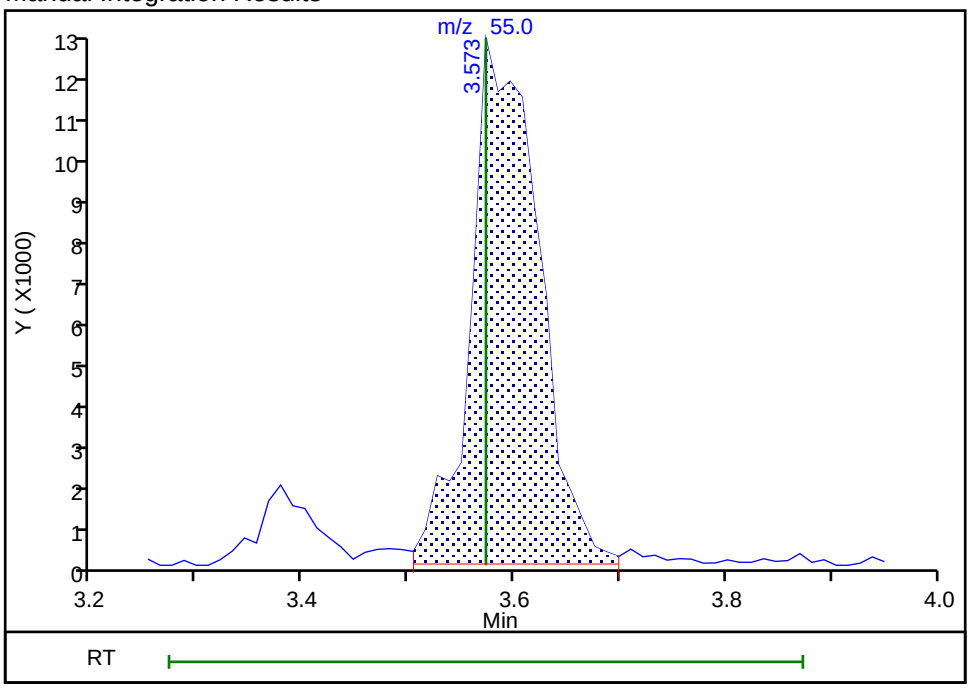
Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results

RT: 3.57
Area: 56437
Amount: 18.329994
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:31:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

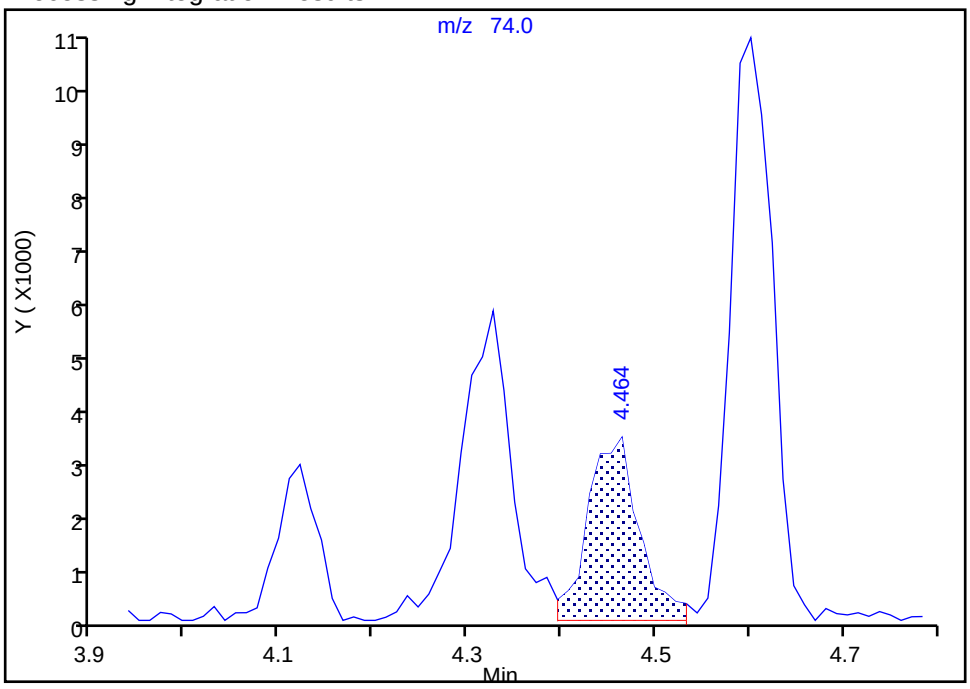
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

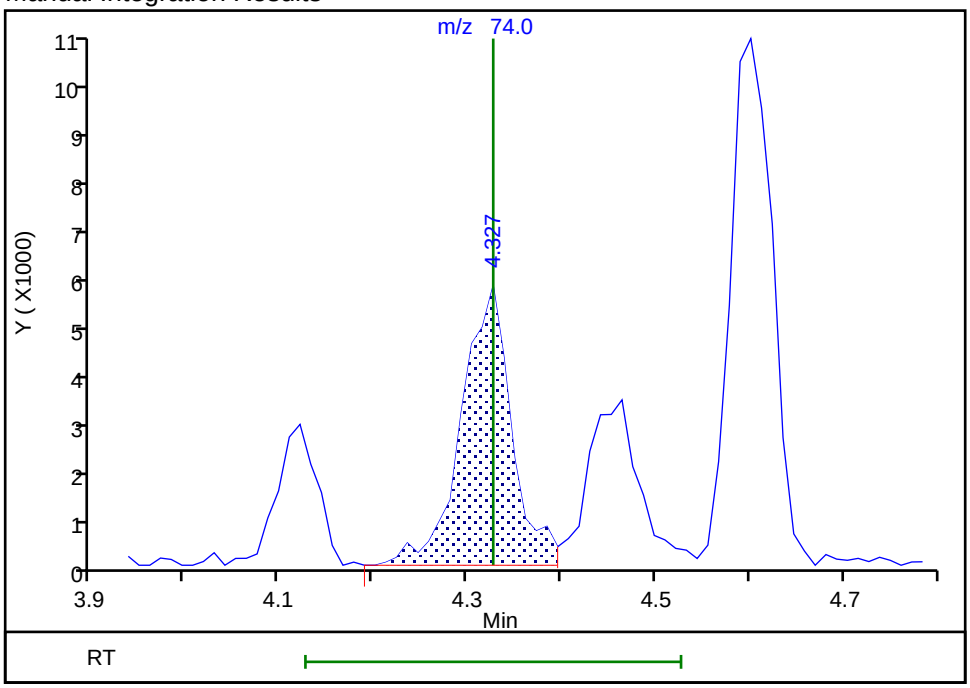
Processing Integration Results

RT: 4.46
Area: 12386
Amount: 494.0771
Amount Units: ug/l



Manual Integration Results

RT: 4.33
Area: 20468
Amount: 444.4568
Amount Units: ug/l



Reviewer: RD6L, 04-Oct-2022 14:38:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

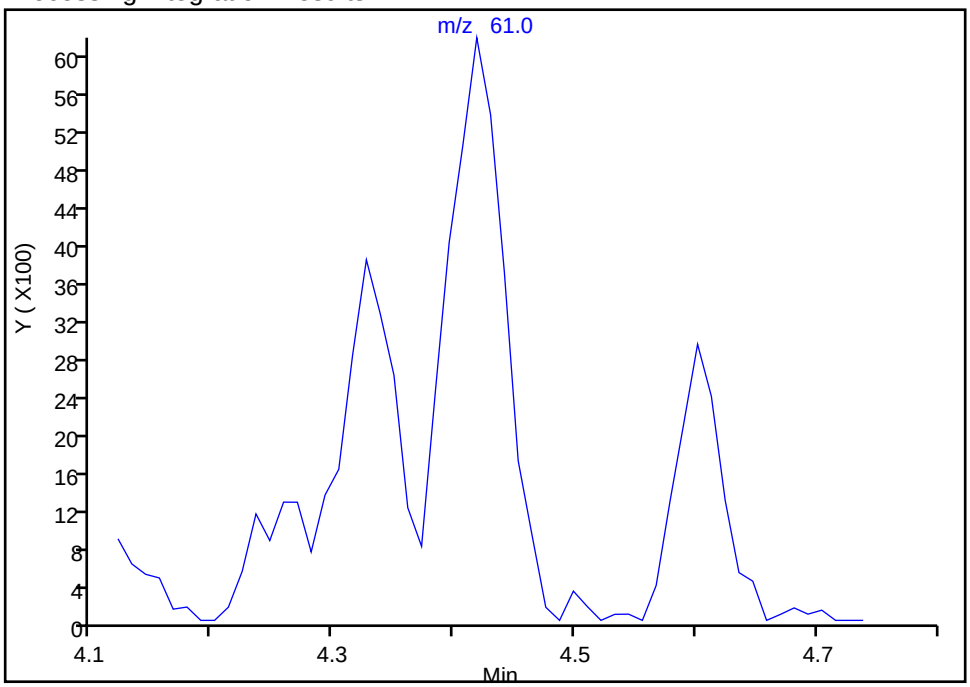
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

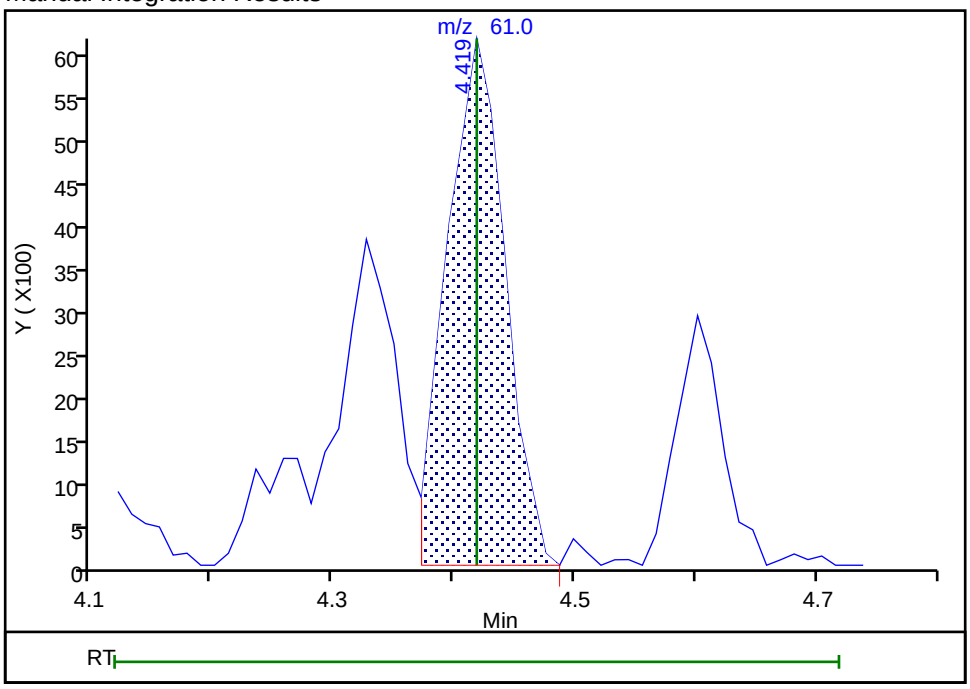
Not Detected
Expected RT: 4.42

Processing Integration Results



Manual Integration Results

RT: 4.42
Area: 20709
Amount: 16.364449
Amount Units: ug/l



Reviewer: RD6L, 04-Oct-2022 14:35:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

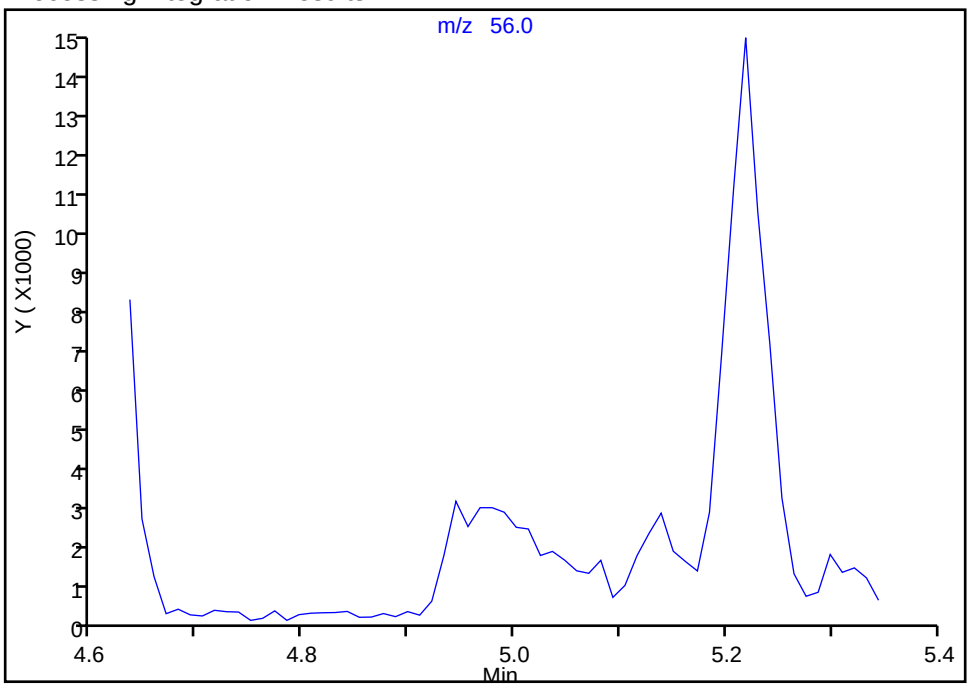
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Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

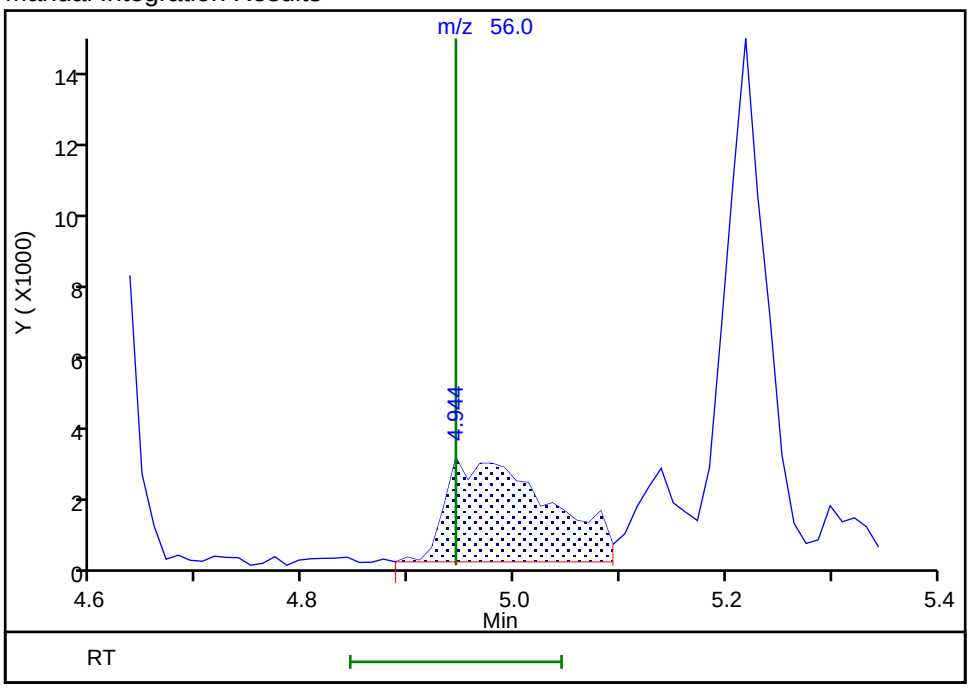
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.94
Area: 19098
Amount: 348.9104
Amount Units: ug/l



Reviewer: RD6L, 04-Oct-2022 14:35:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

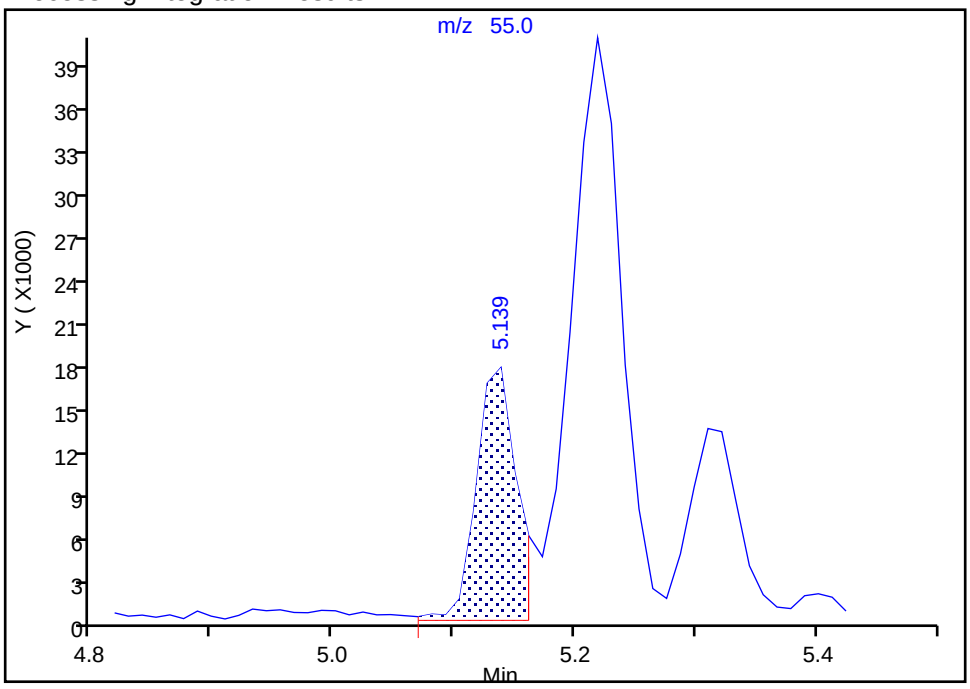
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Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

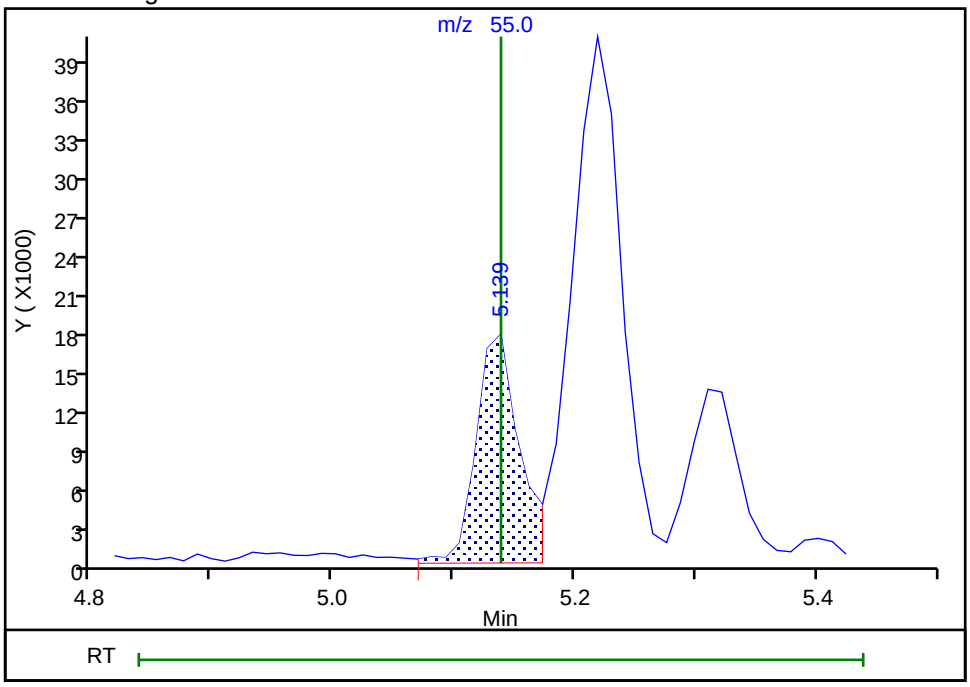
Processing Integration Results

RT: 5.14
Area: 40915
Amount: 12.335689
Amount Units: ug/l



Manual Integration Results

RT: 5.14
Area: 44247
Amount: 13.321068
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:13:27
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

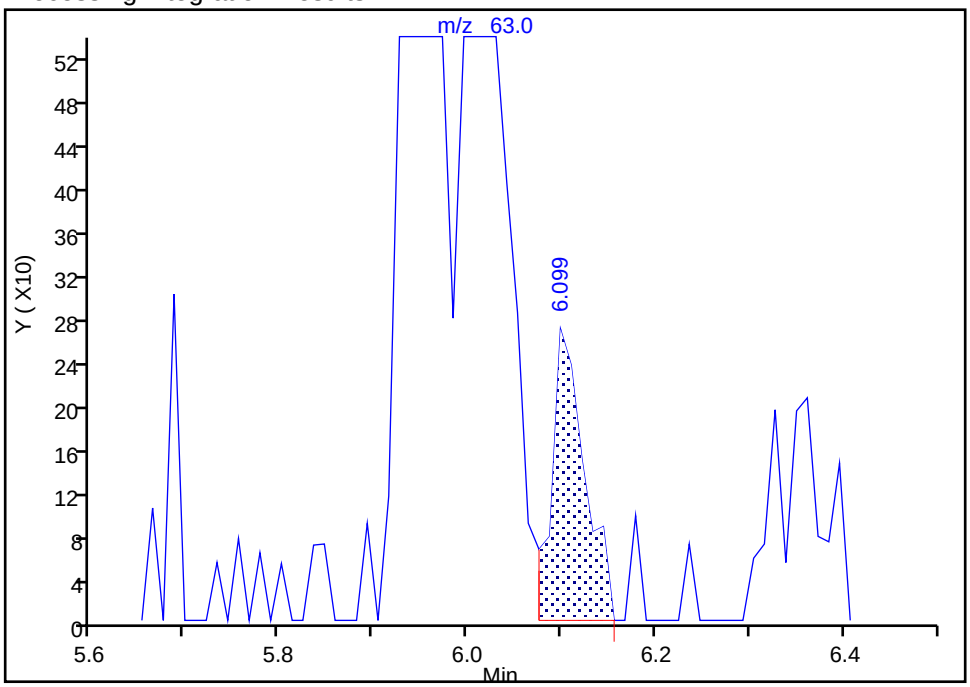
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

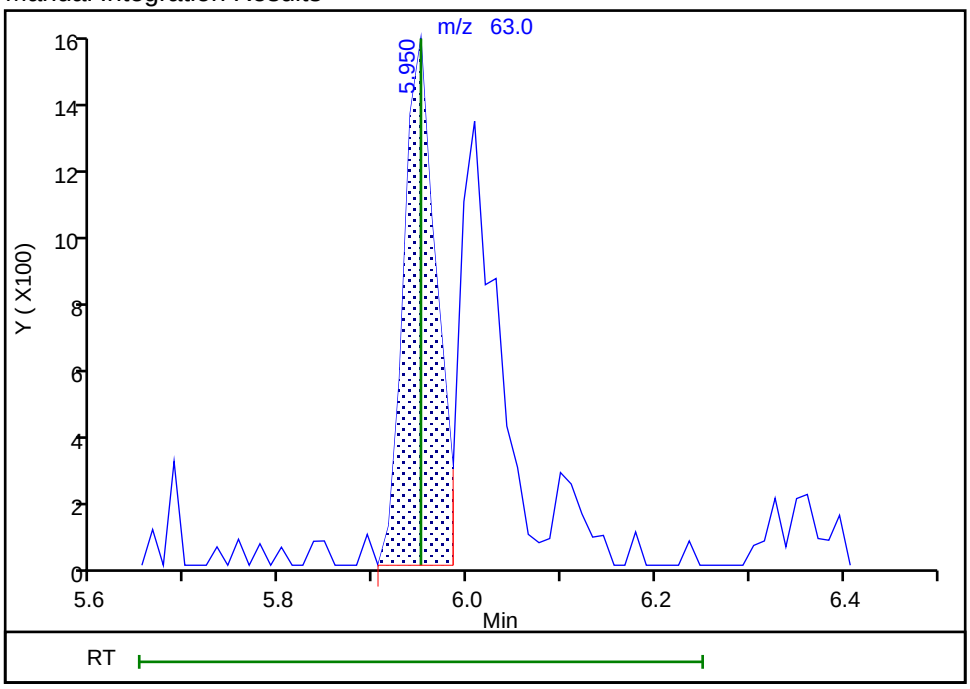
Processing Integration Results

RT: 6.10
Area: 657
Amount: 3.139457
Amount Units: ug/l



Manual Integration Results

RT: 5.95
Area: 3695
Amount: 20.690659
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:32:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

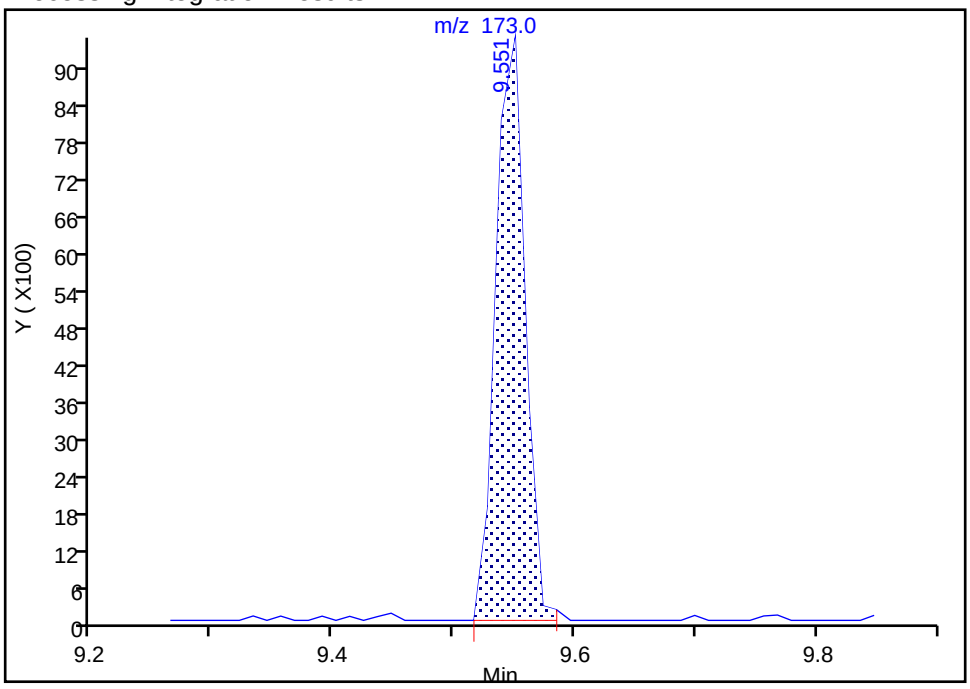
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 Bromoform, CAS: 75-25-2

Signal: 1

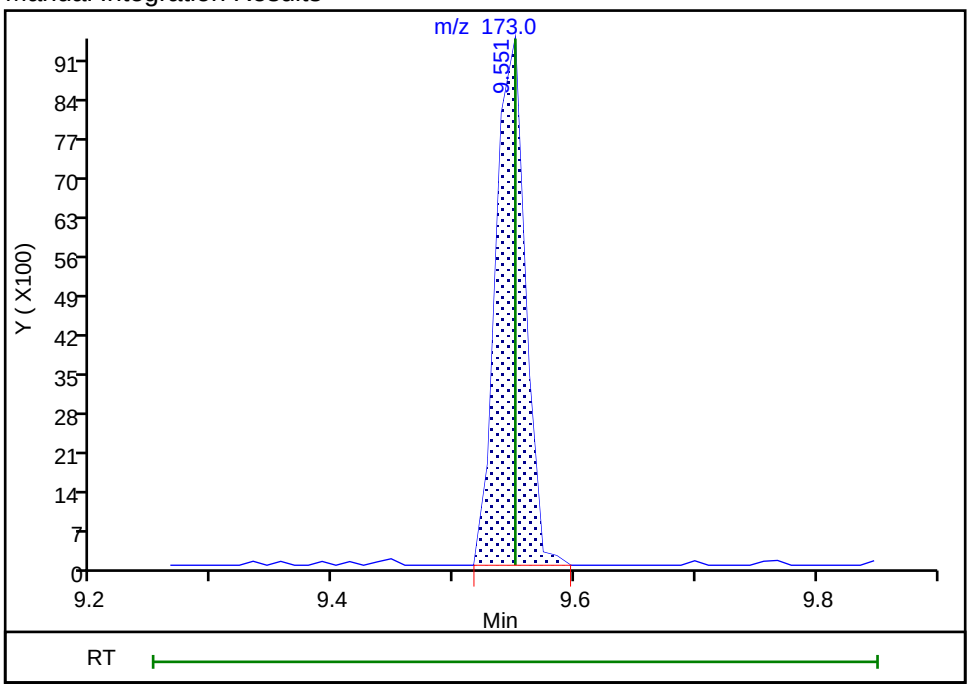
Processing Integration Results

RT: 9.55
Area: 16031
Amount: 13.762949
Amount Units: ug/l



Manual Integration Results

RT: 9.55
Area: 16032
Amount: 17.076032
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:23:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

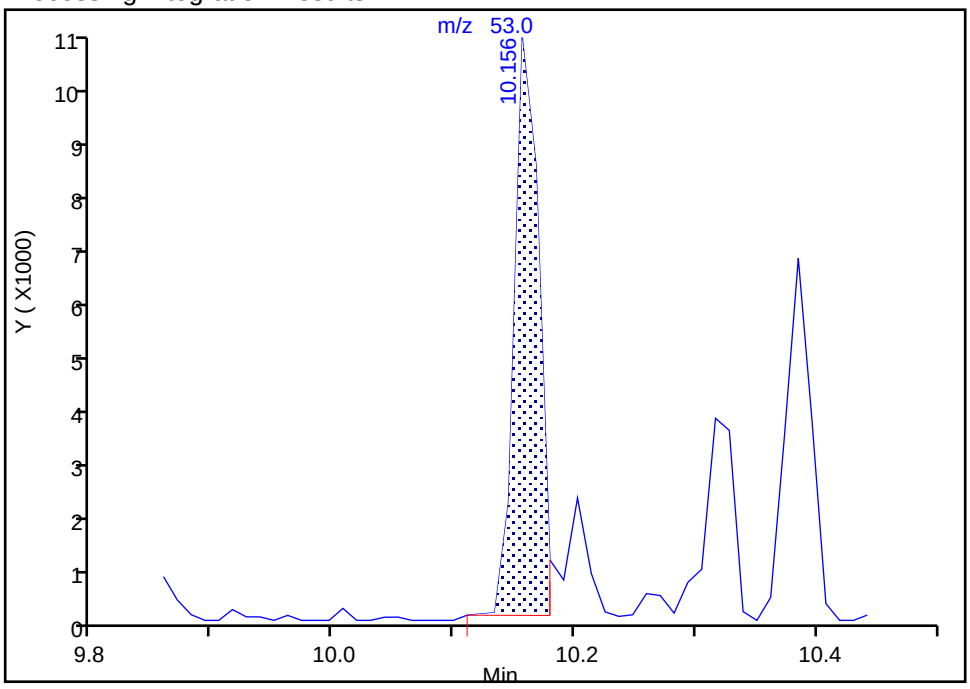
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38864.D
Injection Date: 04-Oct-2022 13:36:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

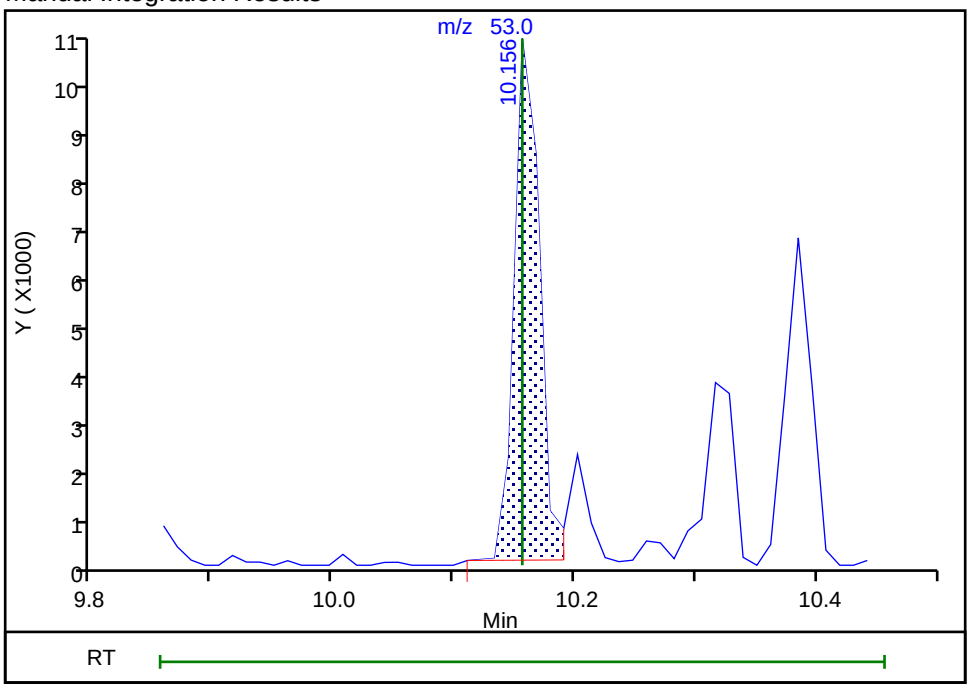
Processing Integration Results

RT: 10.16
Area: 14272
Amount: 16.019643
Amount Units: ug/l



Manual Integration Results

RT: 10.16
Area: 14641
Amount: 17.920436
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:24:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38865.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 04-Oct-2022 13:58:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0151264-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2022 16:24:04 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: RD6L Date: 04-Oct-2022 14:37:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.127	1.138	-0.011	97	141886	NC	NC	
2 Chlorotrifluoroethene	116	1.138	1.150	-0.012	59	154180	50.0	49.7	
5 Chlorodifluoromethane	67	1.161	1.161	0.000	94	64650	50.0	54.3	
4 Dichlorodifluoromethane	85	1.161	1.173	-0.012	89	506618	50.0	57.1	
6 Chloromethane	50	1.287	1.298	-0.011	99	452895	50.0	55.1	
7 Butadiene	54	1.356	1.356	0.000	92	280606	50.0	54.8	
8 Vinyl chloride	62	1.356	1.367	-0.011	72	316810	50.0	53.3	
9 Bromomethane	94	1.573	1.573	0.000	98	294884	50.0	51.4	
10 Chloroethane	64	1.607	1.618	-0.011	100	209288	50.0	53.2	
11 Dichlorofluoromethane	67	1.756	1.767	-0.011	99	609264	50.0	56.2	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	86	506144	50.0	55.7	
13 Pentane	72	1.801	1.824	-0.023	95	97720	100.0	107.7	
15 Ethyl ether	59	1.950	1.961	-0.011	90	162593	50.0	47.6	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	88	211548	50.0	55.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.984	1.984	0.000	90	252311	50.0	49.2	
14 Ethanol	46	1.950	2.007	-0.057	71	37928	2000.0	2171.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.019	2.030	-0.012	95	359033	50.0	45.1	a
19 Acrolein	56	2.041	2.053	-0.012	93	187743	400.0	332.6	
21 1,1-Dichloroethene	96	2.110	2.121	-0.011	98	214357	50.0	53.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.144	2.156	-0.012	95	274224	50.0	54.9	
22 Acetone	43	2.167	2.167	0.000	68	307323	250.0	241.7	
23 Iodomethane	142	2.224	2.236	-0.012	97	421543	50.0	52.2	
25 Carbon disulfide	76	2.270	2.281	-0.011	99	753393	50.0	53.7	
24 Isopropyl alcohol	45	2.373	2.316	0.057	24	51042	500.0	393.6	M
26 3-Chloro-1-propene	39	2.373	2.373	0.000	88	249877	50.0	47.8	
27 Methyl acetate	43	2.384	2.396	-0.012	97	219088	100.0	111.7	
28 Cyclopentene	67	2.430	2.441	-0.011	92	539875	50.0	53.5	a
29 Acetonitrile	39	2.430	2.441	-0.011	25	157948	500.0	560.4	a
31 Methylene Chloride	84	2.464	2.464	0.000	88	244091	50.0	47.0	
* 30 TBA-d9 (IS)	65	2.556	2.590	-0.034	92	328182	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
35 Acrylonitrile	53	2.647	2.658	-0.011	93	690897	500.0	499.7	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	93	234778	50.0	51.7	
33 Methyl tert-butyl ether	73	2.670	2.681	-0.011	93	634668	50.0	50.6	
32 2-Methyl-2-propanol	59	2.659	2.681	-0.022	91	237114	500.0	549.0	
36 Hexane	43	2.887	2.899	-0.011	91	174664	50.0	53.9	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	100	383809	50.0	52.7	
39 Vinyl acetate	86	3.047	3.047	0.000	99	35527	100.0	68.0	
37 Isopropyl ether	45	3.070	3.070	0.000	92	593871	50.0	49.4	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	92	211128	50.0	52.2	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	89	276067	50.0	50.0	
* 42 2-Butanone-d5	46	3.459	3.470	-0.011	91	297189	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	98	257471	50.0	51.3	
43 2,2-Dichloropropane	79	3.516	3.516	0.000	92	108192	50.0	47.8	
46 2-Butanone (MEK)	72	3.527	3.527	0.000	97	117729	250.0	244.2	
45 Ethyl acetate	70	3.539	3.550	-0.011	96	35083	100.0	102.4	
48 Propionitrile	54	3.573	3.573	0.000	85	280005	500.0	511.7	
47 Methyl acrylate	55	3.573	3.573	0.000	97	165648	50.0	51.0	
51 Methacrylonitrile	67	3.699	3.710	-0.011	90	767217	500.0	500.0	
50 Chlorobromomethane	128	3.710	3.710	0.000	79	129488	50.0	52.1	
49 Tetrahydrofuran	72	3.779	3.779	0.000	73	59351	100.0	90.3	
52 Chloroform	83	3.790	3.790	0.000	99	395005	50.0	51.3	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	95	194956	50.0	50.1	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	98	331212	50.0	52.3	
53 Cyclohexane	84	4.030	4.030	0.000	87	425223	50.0	56.0	
57 1,1-Dichloropropene	75	4.122	4.121	0.001	99	303323	50.0	54.3	
56 Carbon tetrachloride	117	4.122	4.133	-0.011	95	202755	50.0	52.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	192318	50.0	49.0	
58 Isobutyl alcohol	74	4.316	4.327	-0.011	37	59137	1250.0	1187.4	a
60 Benzene	78	4.316	4.327	-0.011	95	898746	50.0	54.6	
64 1,2-Dichloroethane	62	4.327	4.339	-0.012	96	266120	50.0	49.0	
62 Isopropyl acetate	61	4.419	4.419	0.000	95	64592	50.0	48.3	
59 Isooctane	57	4.419	4.419	0.000	95	868734	50.0	53.9	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	98	661380	50.0	50.0	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	739624	50.0	50.0	
65 n-Heptane	43	4.613	4.613	0.000	90	300550	50.0	53.0	
68 n-Butanol	56	4.945	4.944	0.000	22	59503	1250.0	1005.2	
69 Trichloroethene	95	5.002	5.002	0.000	99	230517	50.0	54.8	
70 Ethyl acrylate	55	5.127	5.139	-0.012	98	146226	50.0	41.4	M
71 Methylcyclohexane	83	5.219	5.219	0.000	92	475251	50.0	55.4	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	91	208454	50.0	53.3	
77 Dibromomethane	93	5.367	5.379	-0.012	95	125734	50.0	51.3	
75 1,4-Dioxane	88	5.402	5.402	0.000	31	51578	1000.0	1080.8	
74 Methyl methacrylate	69	5.402	5.402	0.000	81	193000	100.0	100.5	
* 73 1,4-Dioxane-d8	96	5.367	5.424	-0.057	27	36076	1000.0	1000.0	
76 n-Propyl acetate	43	5.482	5.482	0.000	98	165972	50.0	45.8	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	215785	50.0	50.3	
79 2-Nitropropane	41	5.836	5.836	0.000	58	26767	100.0	97.9	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	88	10855	50.1	52.5	
80 Epichlorohydrin	57	6.007	6.007	0.000	99	302755	1000.0	969.1	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	92	269655	50.0	52.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.339	6.350	-0.011	95	857032	250.0	248.5	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	731994	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	6.533	6.533	0.000	93	888600	50.0	52.2	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	96	217337	50.0	52.0	
86 Ethyl methacrylate	69	7.025	7.025	0.000	87	162801	50.0	42.7	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	135957	50.0	52.1	
88 Tetrachloroethene	166	7.265	7.265	0.000	94	197923	50.0	55.1	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	91	256256	50.0	51.0	
90 2-Hexanone	43	7.482	7.482	0.000	95	421799	250.0	257.4	
92 Chlorodibromomethane	129	7.619	7.619	0.000	97	109058	50.0	53.7	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	133089	50.0	43.8	
93 Ethylene Dibromide	107	7.745	7.756	-0.011	96	155232	50.0	51.5	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	84	464251	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	97	547919	50.0	52.6	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	90	162215	50.0	54.0	
96 Ethylbenzene	106	8.682	8.682	0.000	98	326765	50.0	54.4	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	405125	50.0	54.1	
100 o-Xylene	106	9.345	9.345	0.000	94	452214	50.0	54.6	
101 Styrene	104	9.368	9.368	0.000	96	617140	50.0	52.3	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	72480	50.0	42.3	
103 Bromoform	173	9.551	9.551	0.000	93	52765	50.0	50.5	
102 Amyl acetate (mixed isomers)	43	9.654	9.653	0.001	92	101011	50.0	39.9	
104 Isopropylbenzene	105	9.779	9.779	0.000	96	1207801	50.0	56.7	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	182382	50.0	50.7	
106 Bromobenzene	156	10.054	10.054	0.000	95	222817	50.0	50.9	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	97	231042	50.0	48.6	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	98	69757	50.0	50.9	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	65	42090	50.0	48.4	
108 N-Propylbenzene	91	10.202	10.202	0.000	99	1330501	50.0	56.2	
111 2-Chlorotoluene	91	10.271	10.271	0.000	97	742078	50.0	52.7	
112 4-Ethyltoluene	105	10.328	10.316	0.012	99	1088614	50.0	55.8	
114 4-Chlorotoluene	91	10.374	10.374	0.000	99	793063	50.0	53.7	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	93	1023362	50.0	55.6	
115 Butyl Methacrylate	87	10.522	10.522	0.000	86	115472	50.0	42.0	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	837324	50.0	56.7	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	98	1053140	50.0	54.6	
118 sec-Butylbenzene	105	10.888	10.876	0.012	99	1425764	50.0	60.0	
120 1,3-Dichlorobenzene	146	10.957	10.956	0.001	97	460528	50.0	53.5	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	63	254423	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	97	1194990	50.0	58.8	
122 1,4-Dichlorobenzene	146	11.037	11.036	0.001	94	451178	50.0	51.5	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	1124350	50.0	55.1	
124 Benzyl chloride	91	11.162	11.162	0.000	99	218692	50.0	54.2	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	1032721	50.0	56.5	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	95	485864	50.0	52.1	
126 p-Diethylbenzene	119	11.345	11.345	0.000	92	610157	50.0	54.7	
127 n-Butylbenzene	92	11.357	11.356	0.001	98	624633	50.0	54.1	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	1186293	50.0	57.4	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	85	39180	50.0	40.1	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	96	385252	50.0	53.1	
132 1,2,4-Trichlorobenzene	180	12.580	12.579	0.001	93	367420	50.0	51.1	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	87	141219	50.0	53.1	
134 Naphthalene	128	12.751	12.751	0.000	99	1028583	50.0	52.4	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	377879	50.0	52.6	

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	103.0	
S 137 Xylenes, Total	100				0		100.0	108.7	
S 139 Total BTEX	1				0		250.0	269.9	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00496	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00160	Amount Added:	5.00	Units: uL		
ACROLEIN W_00144	Amount Added:	4.00	Units: uL		
524freon_00058	Amount Added:	5.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

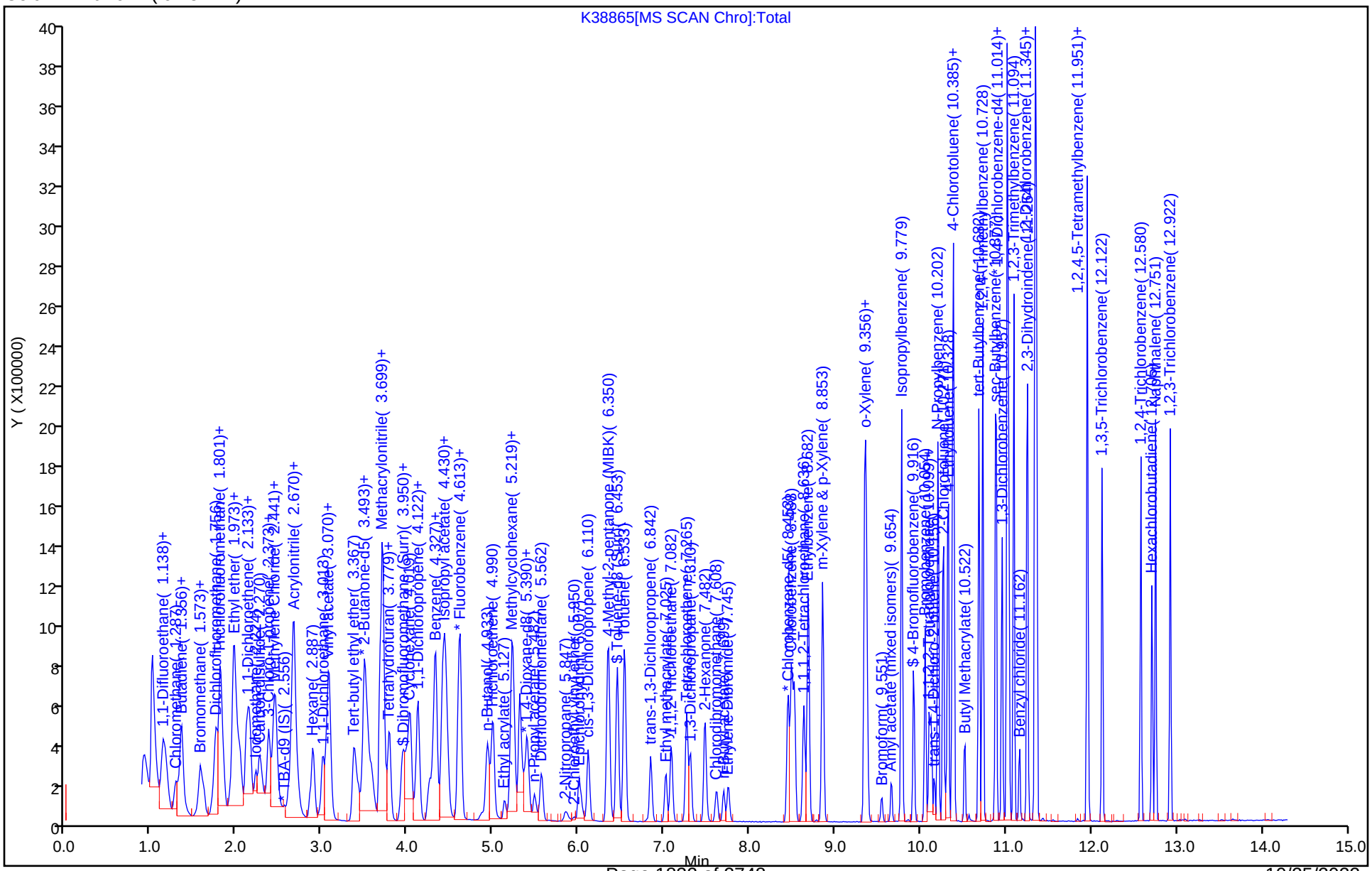
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38865.D

Injection Date:	04-Oct-2022 13:58:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

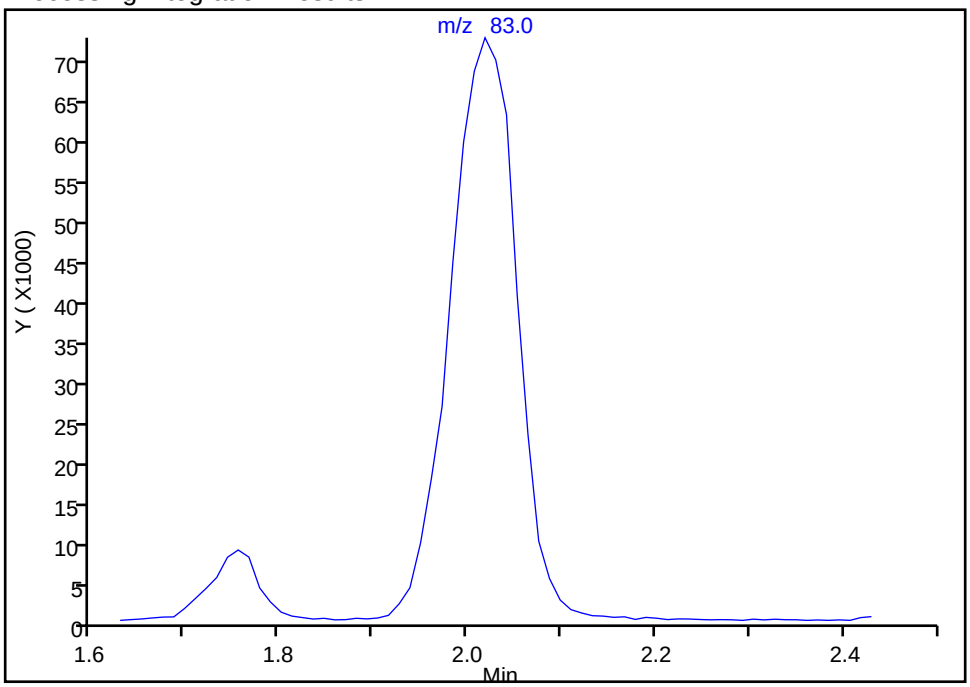
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Injection Date: 04-Oct-2022 13:58:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

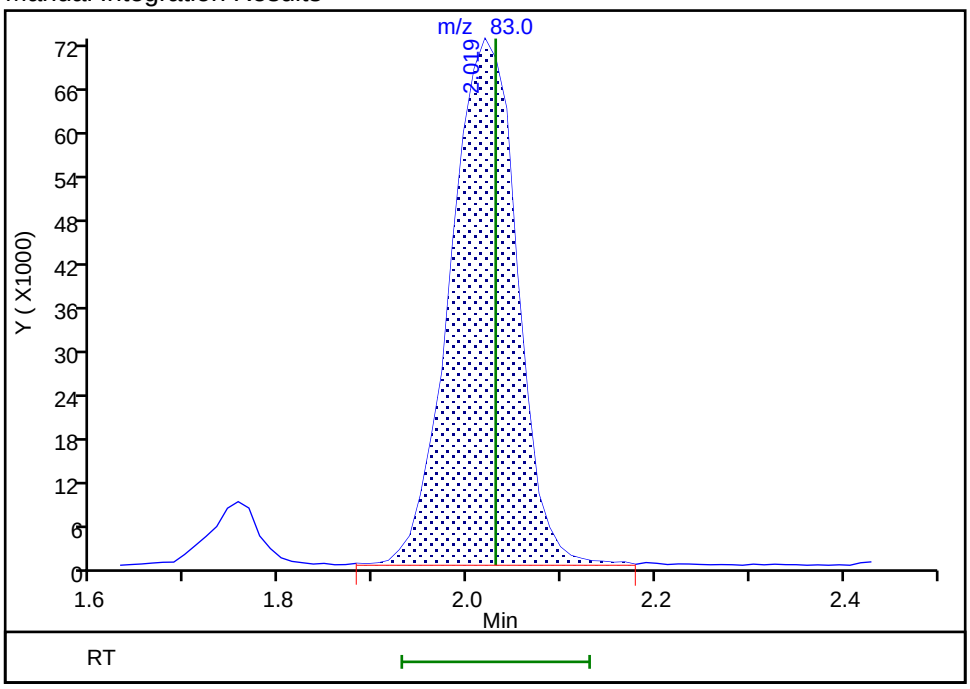
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 359033
Amount: 45.073518
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:35:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

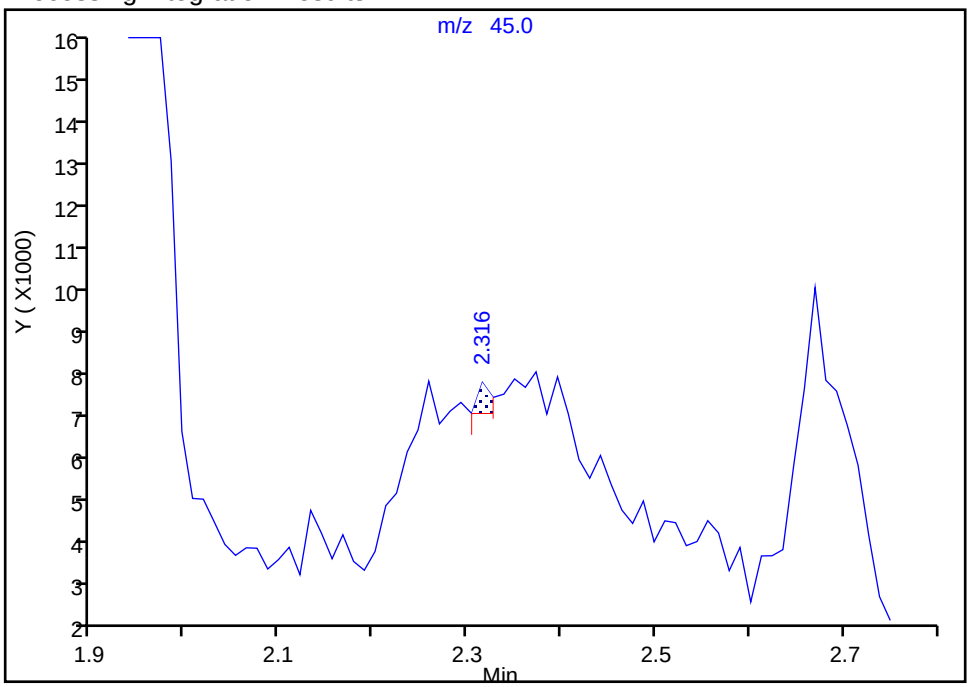
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Injection Date: 04-Oct-2022 13:58:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

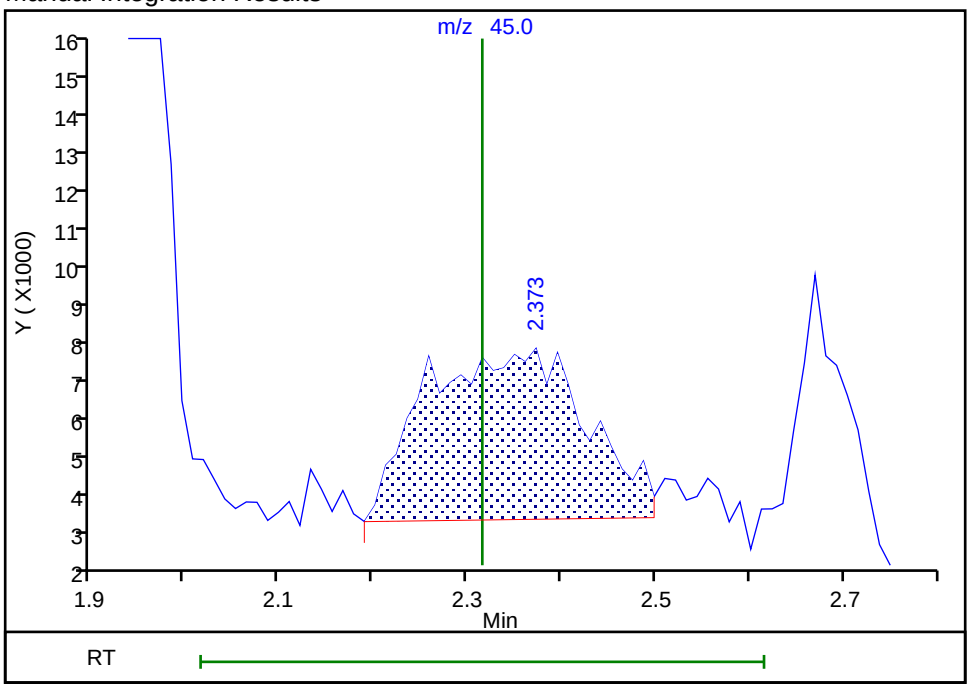
Processing Integration Results

RT: 2.32
Area: 707
Amount: 6.704994
Amount Units: ug/l



Manual Integration Results

RT: 2.37
Area: 51042
Amount: 393.5874
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:32:10
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

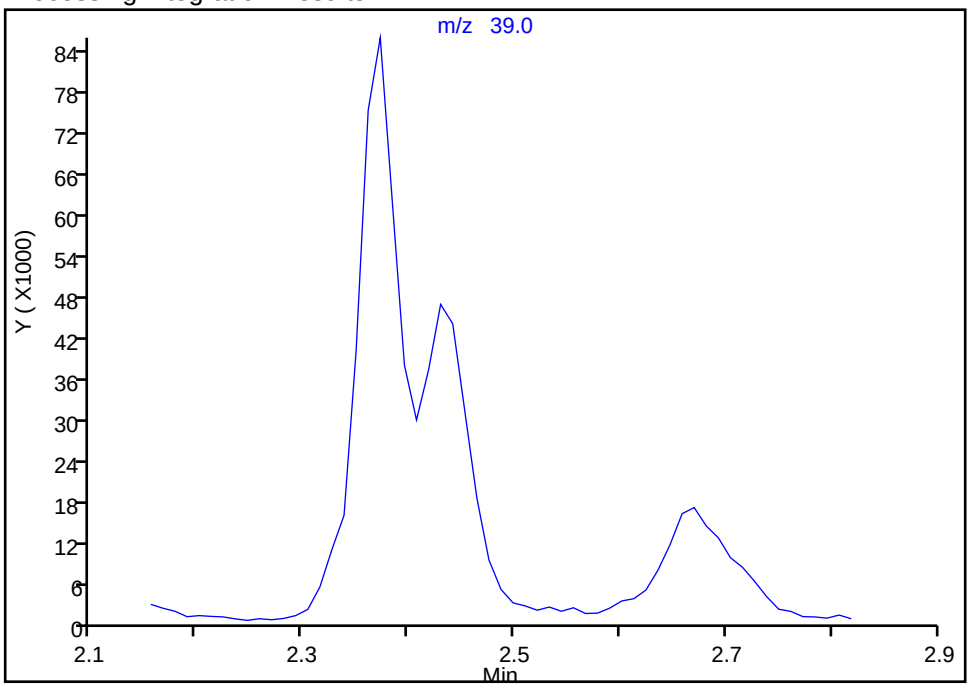
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Injection Date: 04-Oct-2022 13:58:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

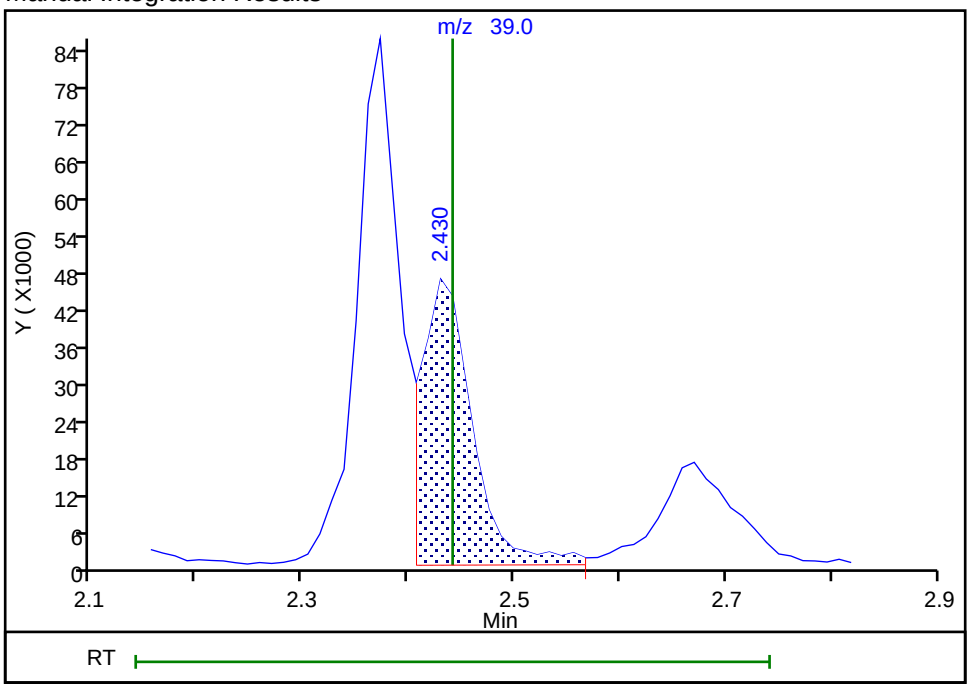
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 157948
Amount: 560.4228
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:35:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

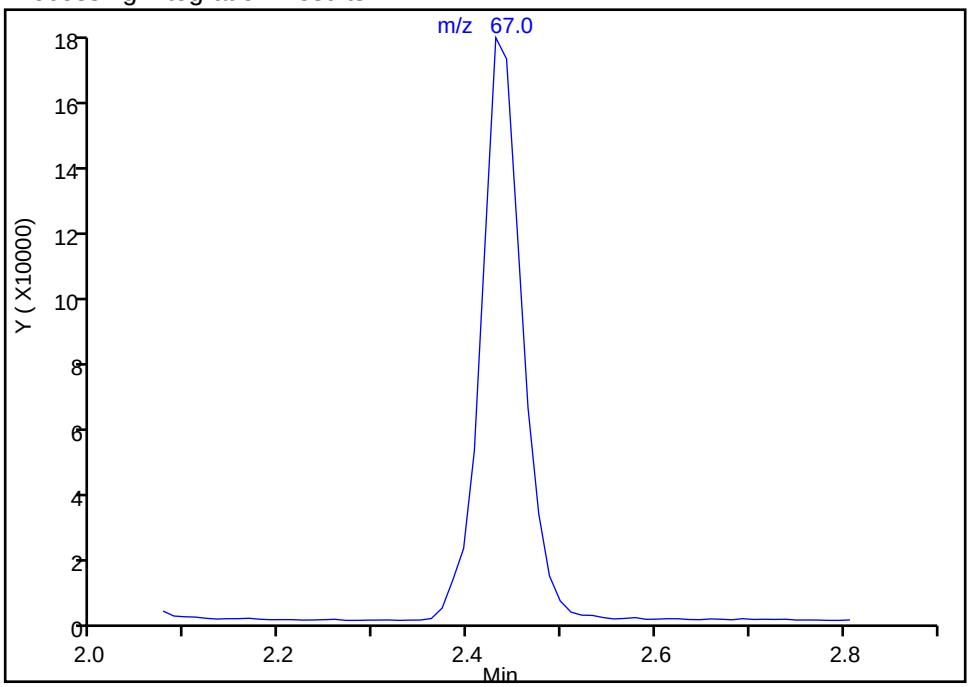
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38865.D
Injection Date: 04-Oct-2022 13:58:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 Cyclopentene, CAS: 142-29-0

Signal: 1

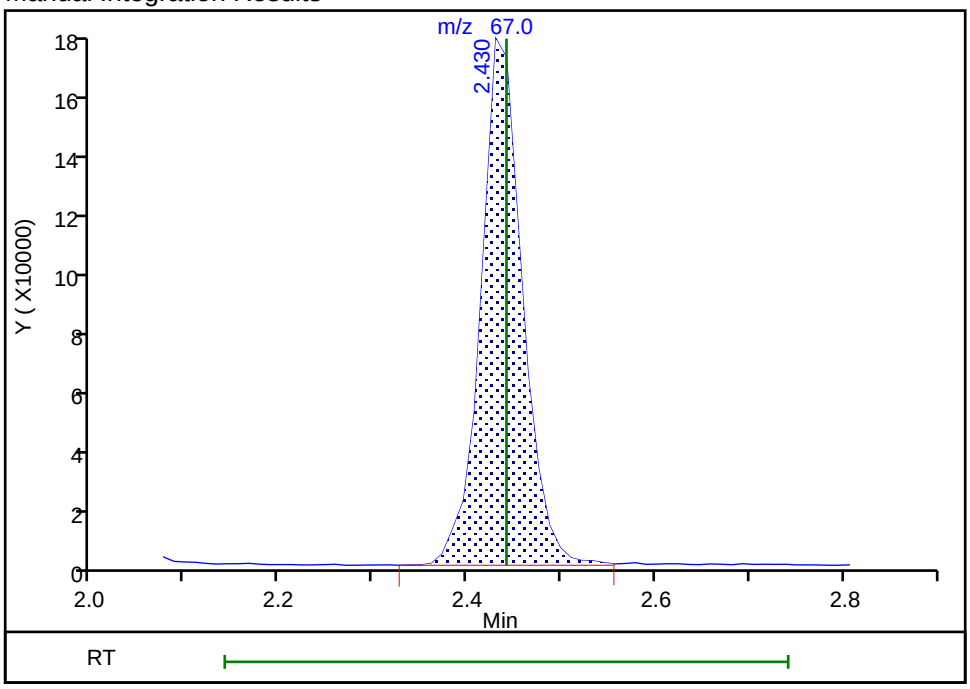
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 539875
Amount: 53.470591
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:35:21
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

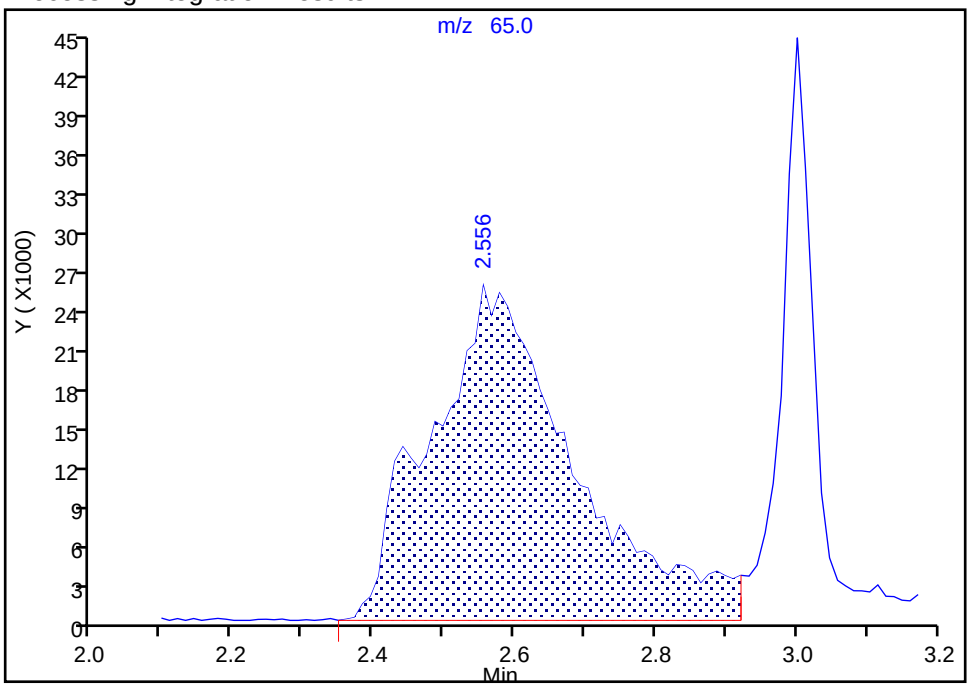
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38865.D
Injection Date: 04-Oct-2022 13:58:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

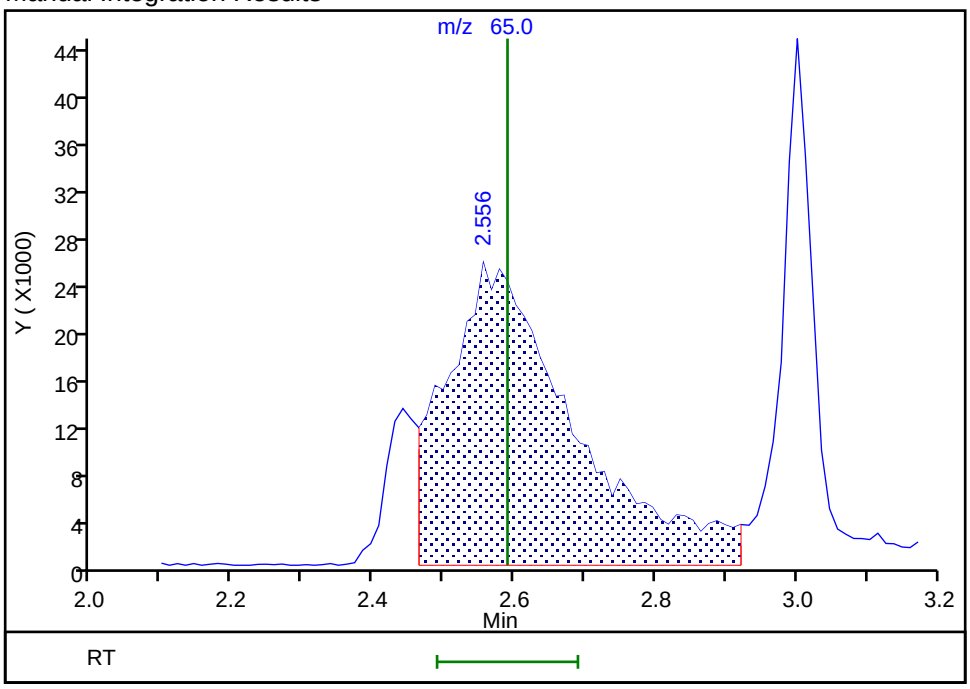
Processing Integration Results

RT: 2.56
Area: 364880
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.56
Area: 328182
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:31:21
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

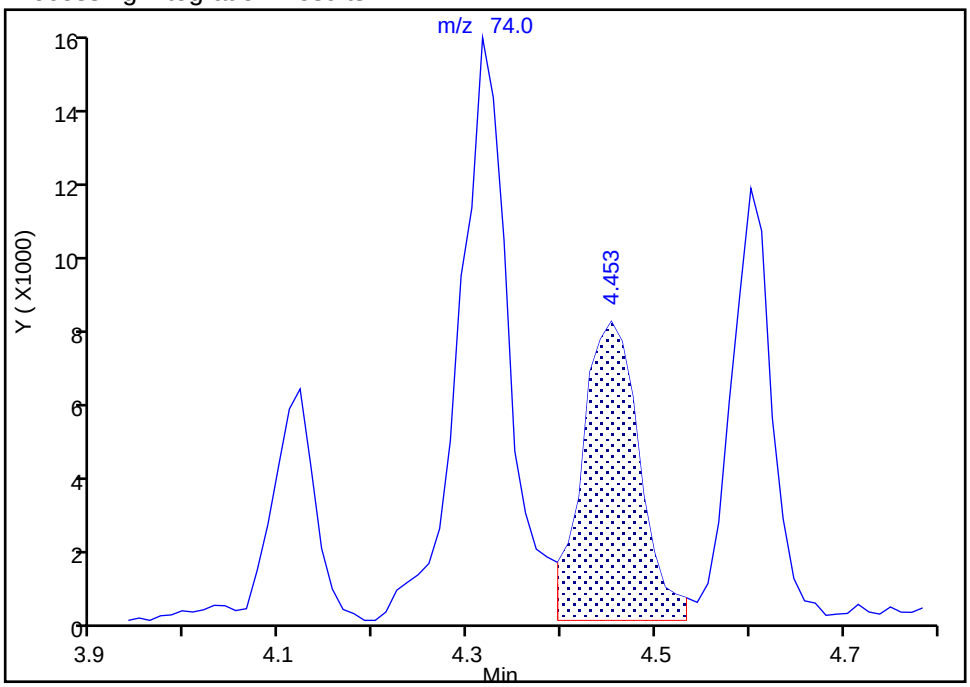
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Injection Date: 04-Oct-2022 13:58:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

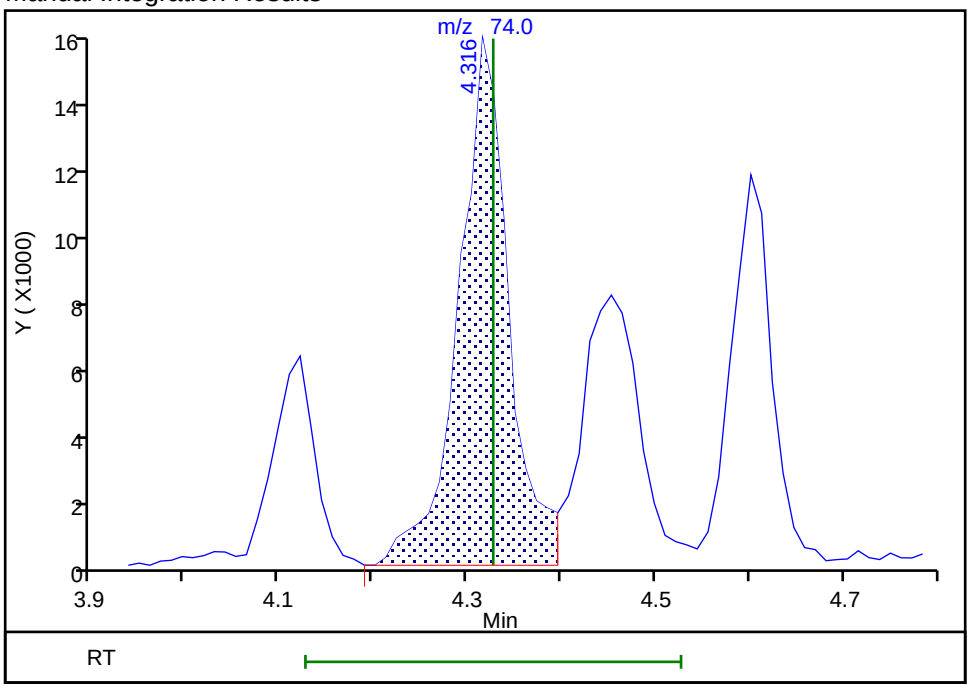
Processing Integration Results

RT: 4.45
Area: 34891
Amount: 762.1801
Amount Units: ug/l



Manual Integration Results

RT: 4.32
Area: 59137
Amount: 1187.4046
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:35:42
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

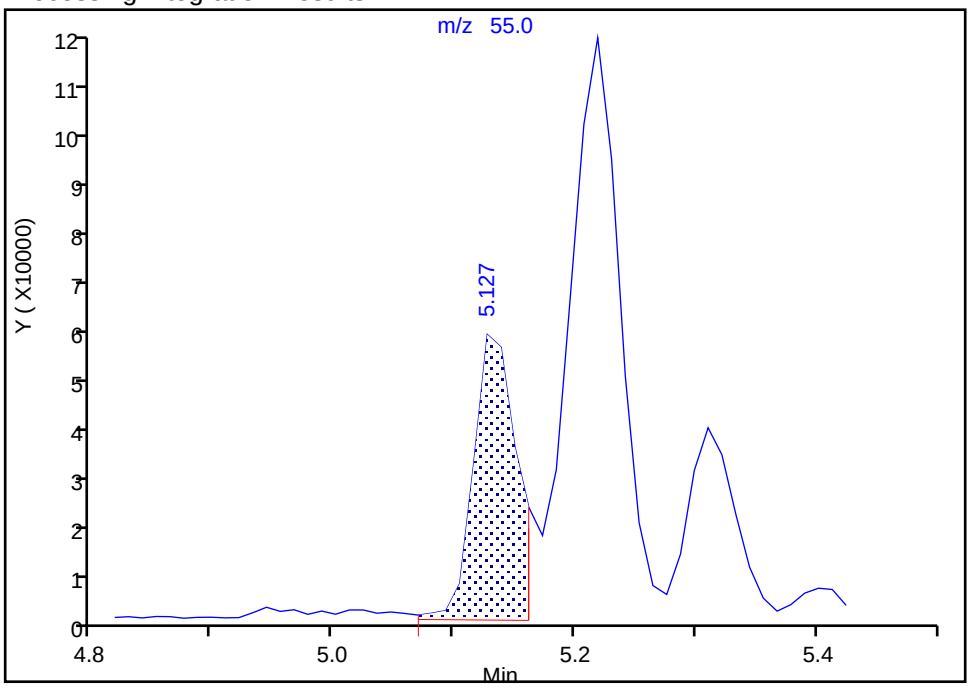
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38865.D
Injection Date: 04-Oct-2022 13:58:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

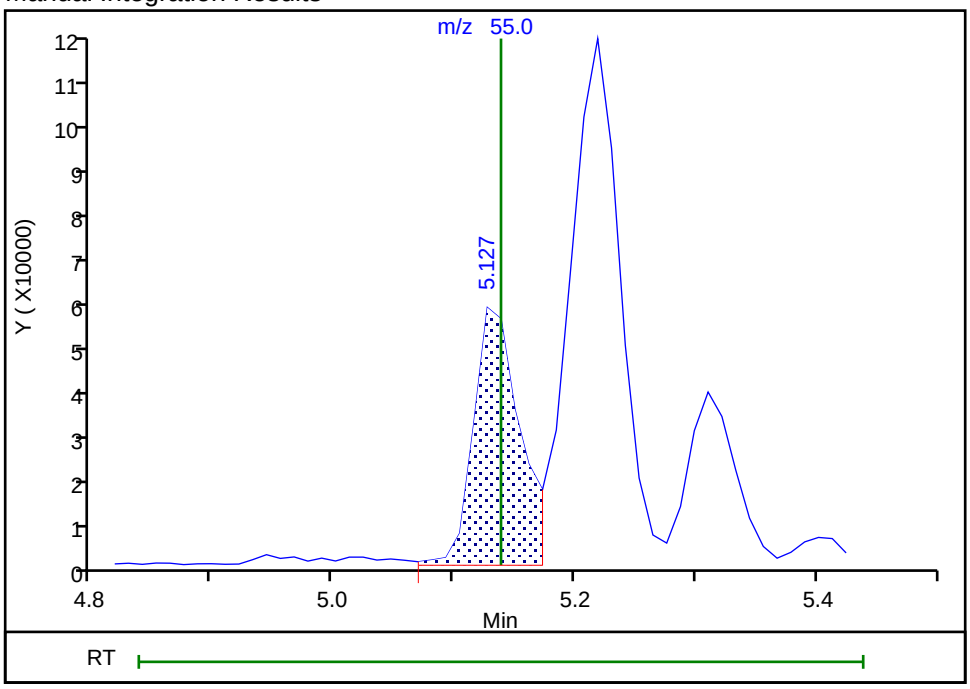
Processing Integration Results

RT: 5.13
Area: 136599
Amount: 38.970900
Amount Units: ug/l



Manual Integration Results

RT: 5.13
Area: 146226
Amount: 41.359007
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 13:12:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38866.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 04-Oct-2022 14:21:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0151264-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2022 16:24:09 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: RD6L Date: 04-Oct-2022 14:40:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.058	1.070	-0.012	70	197417	NC	NC	a
3 1,1-Difluoroethane	65	1.127	1.138	-0.011	97	596754	NC	NC	
2 Chlorotrifluoroethene	116	1.138	1.150	-0.012	72	659023	200.0	180.3	
5 Chlorodifluoromethane	67	1.161	1.161	0.000	96	268932	200.0	198.0	
4 Dichlorodifluoromethane	85	1.161	1.173	-0.012	97	1792973	200.0	171.7	
6 Chloromethane	50	1.287	1.298	-0.011	99	1657039	200.0	171.1	M
7 Butadiene	54	1.355	1.356	-0.001	95	1055298	200.0	175.1	
8 Vinyl chloride	62	1.355	1.367	-0.012	98	1251063	200.0	178.6	
9 Bromomethane	94	1.573	1.573	0.000	99	1110329	200.0	164.3	
10 Chloroethane	64	1.607	1.618	-0.011	99	784609	200.0	169.4	
11 Dichlorofluoromethane	67	1.756	1.767	-0.011	99	2394028	200.0	187.4	
12 Trichlorofluoromethane	101	1.801	1.813	-0.012	98	1961619	200.0	183.3	
13 Pentane	72	1.801	1.824	-0.023	97	367741	400.0	321.9	
15 Ethyl ether	59	1.950	1.961	-0.011	95	704417	200.0	175.2	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	96	833673	200.0	184.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.984	1.984	0.000	91	1082466	200.0	179.1	
14 Ethanol	46	1.950	2.007	-0.057	75	172944	8000.0	7861.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	96	1676042	200.0	178.6	a
19 Acrolein	56	2.041	2.053	-0.012	92	317575	500.0	446.7	
21 1,1-Dichloroethene	96	2.110	2.121	-0.011	97	888518	200.0	187.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.144	2.156	-0.012	96	1129361	200.0	192.0	
22 Acetone	43	2.156	2.167	-0.011	86	1541630	1000.0	1014.9	
23 Iodomethane	142	2.224	2.236	-0.012	98	1770150	200.0	186.1	
25 Carbon disulfide	76	2.270	2.281	-0.011	99	3016376	200.0	182.7	
24 Isopropyl alcohol	45	2.384	2.316	0.068	24	343456	2000.0	2102.7	M
26 3-Chloro-1-propene	39	2.373	2.373	0.000	91	1063947	200.0	172.7	
27 Methyl acetate	43	2.384	2.396	-0.012	98	1043404	400.0	422.5	
28 Cyclopentene	67	2.430	2.441	-0.011	92	2185512	200.0	183.8	
29 Acetonitrile	39	2.430	2.441	-0.011	26	645976	2000.0	1819.7	a
31 Methylene Chloride	84	2.464	2.464	0.000	88	1045956	200.0	171.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.567	2.590	-0.023	47	413357	1000.0	1000.0	Ma
35 Acrylonitrile	53	2.647	2.658	-0.011	94	3047192	2000.0	1871.0	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	93	986090	200.0	184.4	
33 Methyl tert-butyl ether	73	2.670	2.681	-0.011	96	2755573	200.0	186.3	
32 2-Methyl-2-propanol	59	2.658	2.681	-0.023	93	1199320	2000.0	2204.5	
36 Hexane	43	2.887	2.899	-0.011	91	670656	200.0	175.8	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	99	1636626	200.0	190.8	
39 Vinyl acetate	86	3.047	3.047	0.000	99	293986	400.0	446.9	
37 Isopropyl ether	45	3.070	3.070	0.000	85	2584254	200.0	182.7	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	91	914588	200.0	191.9	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	89	1211364	200.0	186.1	
* 42 2-Butanone-d5	46	3.470	3.470	0.000	93	358307	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	99	1118028	200.0	189.2	
43 2,2-Dichloropropane	79	3.516	3.516	0.000	95	506822	200.0	190.1	
46 2-Butanone (MEK)	72	3.516	3.527	-0.011	99	584504	1000.0	1017.2	
45 Ethyl acetate	70	3.573	3.550	0.023	96	167018	400.0	404.1	
48 Propionitrile	54	3.573	3.573	0.000	96	1214276	2000.0	1762.0	
47 Methyl acrylate	55	3.596	3.573	0.023	98	815207	200.0	212.9	
51 Methacrylonitrile	67	3.710	3.710	0.000	88	3568822	2000.0	1974.6	
50 Chlorobromomethane	128	3.710	3.710	0.000	55	568069	200.0	194.2	
49 Tetrahydrofuran	72	3.767	3.779	-0.012	78	266504	400.0	336.2	
52 Chloroform	83	3.790	3.790	0.000	99	1731259	200.0	190.7	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	95	221369	50.0	48.3	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	98	1479630	200.0	198.4	
53 Cyclohexane	84	4.030	4.030	0.000	87	1674294	200.0	187.3	
57 1,1-Dichloropropene	75	4.121	4.121	0.000	98	1271025	200.0	193.0	
56 Carbon tetrachloride	117	4.133	4.133	0.000	97	1016997	200.0	221.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	227361	50.0	49.2	
58 Isobutyl alcohol	74	4.327	4.327	0.000	97	314316	5000.0	5010.7	
60 Benzene	78	4.316	4.327	-0.011	95	3954601	200.0	203.9	
64 1,2-Dichloroethane	62	4.339	4.339	0.000	98	1238139	200.0	193.7	
62 Isopropyl acetate	61	4.419	4.419	0.000	91	329785	200.0	209.5	a
59 Isooctane	57	4.419	4.419	0.000	95	4135958	200.0	218.1	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	95	3082733	200.0	197.9	
* 66 Fluorobenzene	96	4.602	4.602	0.000	98	871186	50.0	50.0	
65 n-Heptane	43	4.613	4.613	0.000	87	1267752	200.0	189.9	
68 n-Butanol	56	5.002	4.944	0.058	88	412729	5000.0	5535.6	
69 Trichloroethene	95	5.002	5.002	0.000	98	955984	200.0	193.1	
70 Ethyl acrylate	55	5.139	5.139	0.000	98	889411	200.0	204.0	
71 Methylcyclohexane	83	5.219	5.219	0.000	92	1950892	200.0	193.1	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	90	944146	200.0	204.9	
77 Dibromomethane	93	5.367	5.379	-0.012	95	586758	200.0	203.1	
75 1,4-Dioxane	88	5.402	5.402	0.000	37	231781	4000.0	3637.5	
74 Methyl methacrylate	69	5.402	5.402	0.000	81	1049915	400.0	463.9	
* 73 1,4-Dioxane-d8	96	5.367	5.424	-0.057	68	48169	1000.0	1000.0	
76 n-Propyl acetate	43	5.482	5.482	0.000	98	916066	200.0	202.2	
78 Dichlorobromomethane	83	5.573	5.562	0.011	100	1168060	200.0	231.0	
79 2-Nitropropane	41	5.847	5.836	0.011	94	141730	400.0	400.2	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	91	68376	200.5	199.9	
80 Epichlorohydrin	57	6.007	6.007	0.000	99	1525301	4000.0	4049.8	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	92	1355725	200.0	223.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.350	6.350	0.000	95	4177098	1000.0	1004.5	

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	6.453	6.453	0.000	100	854019	50.0	51.0	
84 Toluene	91	6.545	6.533	0.012	93	4108960	200.0	205.0	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	97	1121940	200.0	227.7	
86 Ethyl methacrylate	69	7.025	7.025	0.000	86	965630	200.0	203.5	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	630083	200.0	204.9	
88 Tetrachloroethene	166	7.265	7.265	0.000	94	846635	200.0	200.1	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	91	1194012	200.0	201.9	
90 2-Hexanone	43	7.482	7.482	0.000	95	2099120	1000.0	999.1	
92 Chlorodibromomethane	129	7.619	7.619	0.000	97	673249	200.0	220.2	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	801032	200.0	202.9	
93 Ethylene Dibromide	107	7.756	7.756	0.000	98	726820	200.0	204.6	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	84	547067	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	96	2423372	200.0	197.6	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	94	921735	200.0	222.7	
96 Ethylbenzene	106	8.693	8.682	0.011	98	1412133	200.0	199.5	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	1725453	200.0	195.4	
100 o-Xylene	106	9.345	9.345	0.000	94	1954920	200.0	200.4	
101 Styrene	104	9.368	9.368	0.000	96	2774594	200.0	199.7	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	479581	200.0	203.3	
103 Bromoform	173	9.551	9.551	0.000	94	352173	200.0	217.9	
102 Amyl acetate (mixed isomers)	43	9.653	9.653	0.000	92	726773	200.0	203.9	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	5327641	200.0	212.3	
$ 105 4-Bromofluorobenzene	174	9.928	9.916	0.012	92	209151	50.0	49.3	
106 Bromobenzene	156	10.053	10.054	-0.001	96	956932	200.0	192.0	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	98	1136213	200.0	210.0	
109 1,2,3-Trichloropropane	110	10.134	10.122	0.012	98	290079	200.0	186.0	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	80	213230	200.0	215.5	M
108 N-Propylbenzene	91	10.202	10.202	0.000	99	5676847	200.0	210.7	
111 2-Chlorotoluene	91	10.271	10.271	0.000	97	3235930	200.0	201.9	
112 4-Ethyltoluene	105	10.328	10.316	0.012	99	4428839	200.0	199.6	
114 4-Chlorotoluene	91	10.374	10.374	0.000	99	3414783	200.0	203.1	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	92	4631451	200.0	221.2	
115 Butyl Methacrylate	87	10.522	10.522	0.000	87	820776	200.0	203.1	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	3861583	200.0	229.6	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	98	4562702	200.0	208.0	
118 sec-Butylbenzene	105	10.888	10.876	0.012	99	6397877	200.0	236.7	
120 1,3-Dichlorobenzene	146	10.956	10.956	0.000	96	1889650	200.0	193.1	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	69	289482	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	98	5371024	200.0	232.1	
122 1,4-Dichlorobenzene	146	11.036	11.036	0.000	95	1902117	200.0	190.7	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	4923252	200.0	212.1	
124 Benzyl chloride	91	11.162	11.162	0.000	99	1329731	200.0	215.0	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	4233365	200.0	203.4	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	95	2069021	200.0	194.9	
126 p-Diethylbenzene	119	11.345	11.345	0.000	93	2550541	200.0	200.9	
127 n-Butylbenzene	92	11.356	11.356	0.000	98	2613236	200.0	198.9	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	5219752	200.0	222.1	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	95	241520	200.0	204.4	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	97	1581348	200.0	191.6	
132 1,2,4-Trichlorobenzene	180	12.579	12.579	0.000	94	1536555	200.0	187.9	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	86	658472	200.0	217.6	
134 Naphthalene	128	12.751	12.751	0.000	99	4391404	200.0	196.5	

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	12.922	12.922	0.000	96	1589396	200.0	194.4	
S 136 1,2-Dichloroethene, Total	100				0		400.0	373.6	
S 137 Xylenes, Total	100				0		400.0	395.9	
S 139 Total BTEX	1				0		1000.0	1004.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00425	Amount Added:	2.00	Units: uL		
MIX I Hi_00155	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00128	Amount Added:	2.00	Units: uL		
Ethanol mix_00069	Amount Added:	2.00	Units: uL		
8FreonHi_00049	Amount Added:	2.00	Units: uL		
ACROLEIN W_00144	Amount Added:	5.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 06-Oct-2022 16:24:10 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38866.D

Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9 Operator ID:

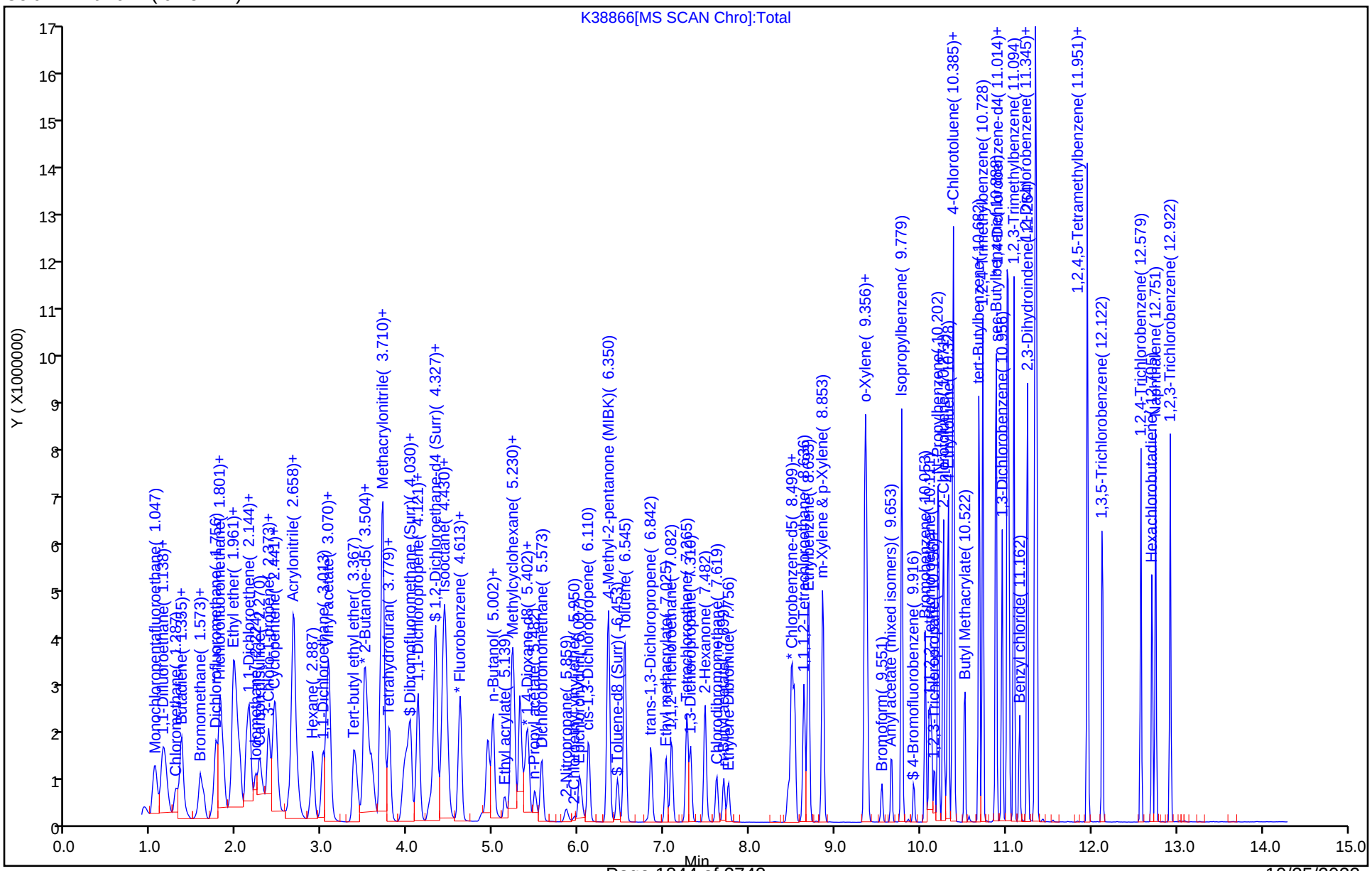
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

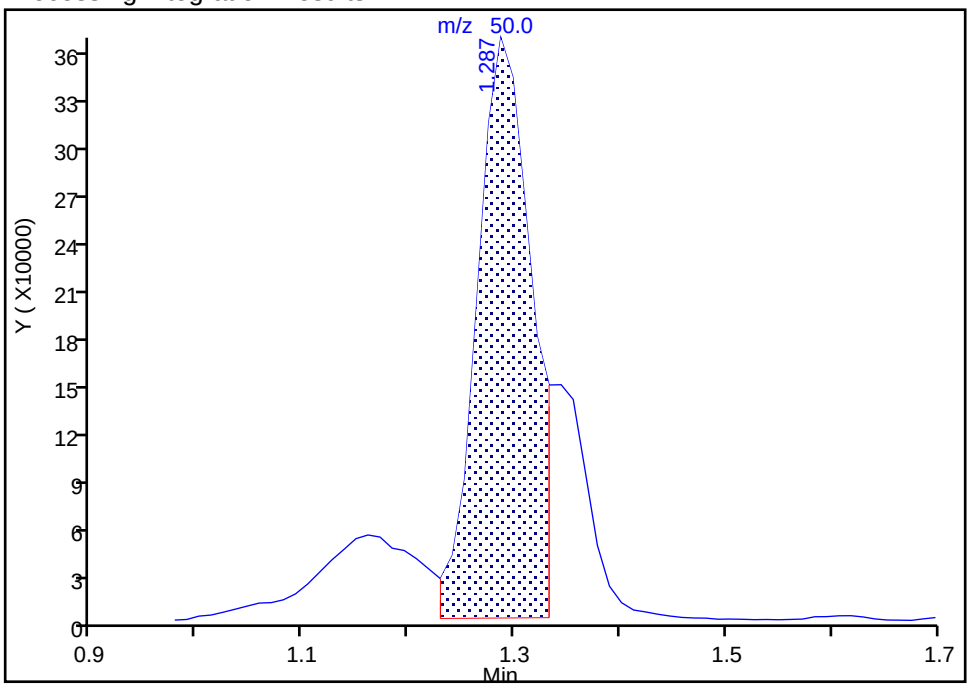
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38866.D
Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

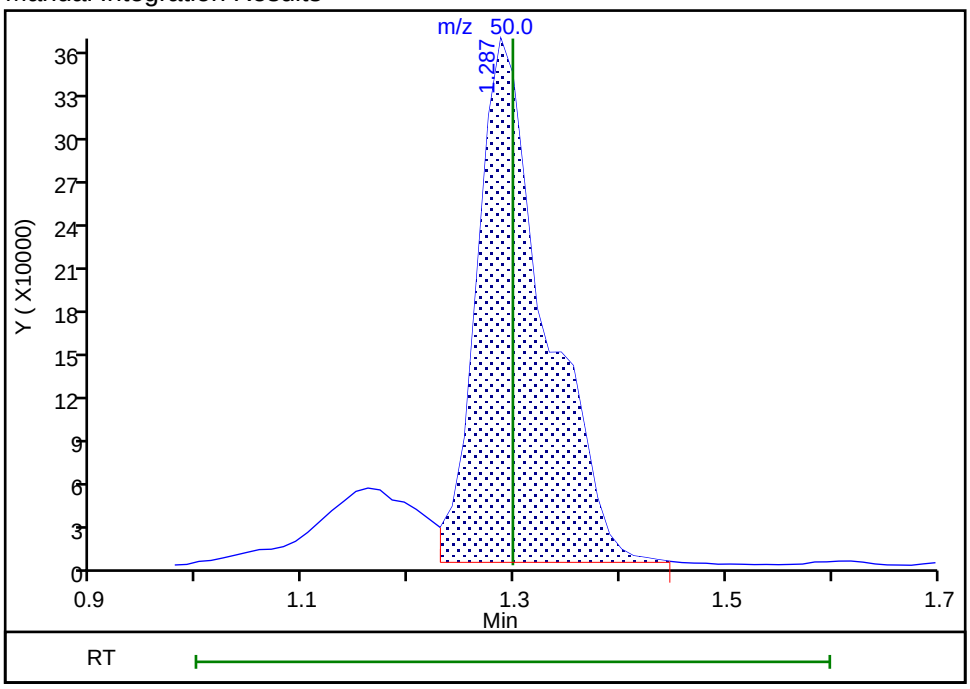
Processing Integration Results

RT: 1.29
Area: 1344762
Amount: 189.1660
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 1657039
Amount: 171.0966
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:37:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

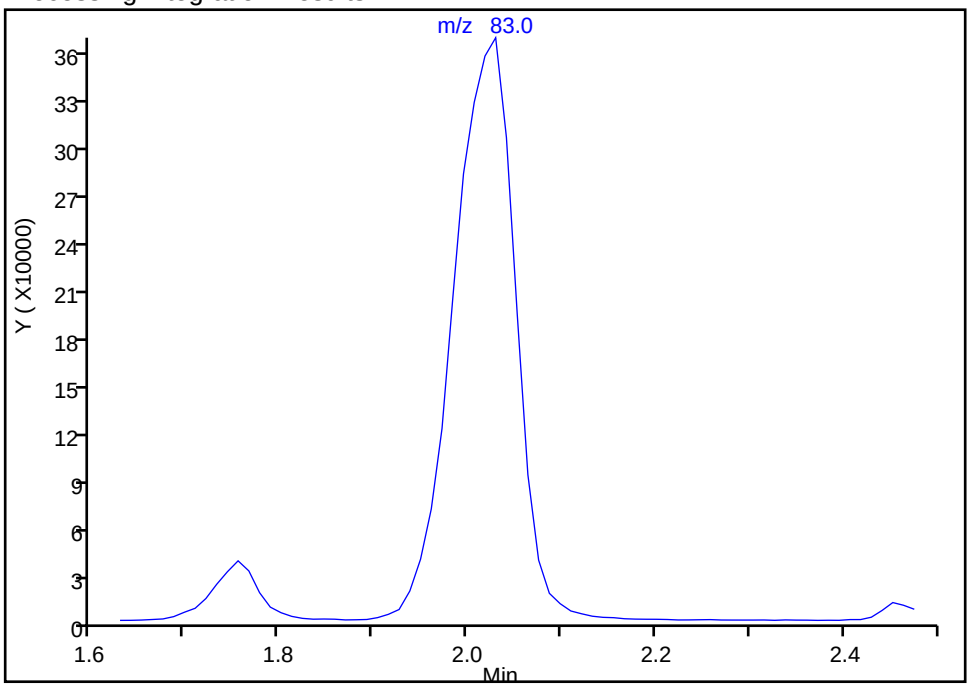
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38866.D
Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

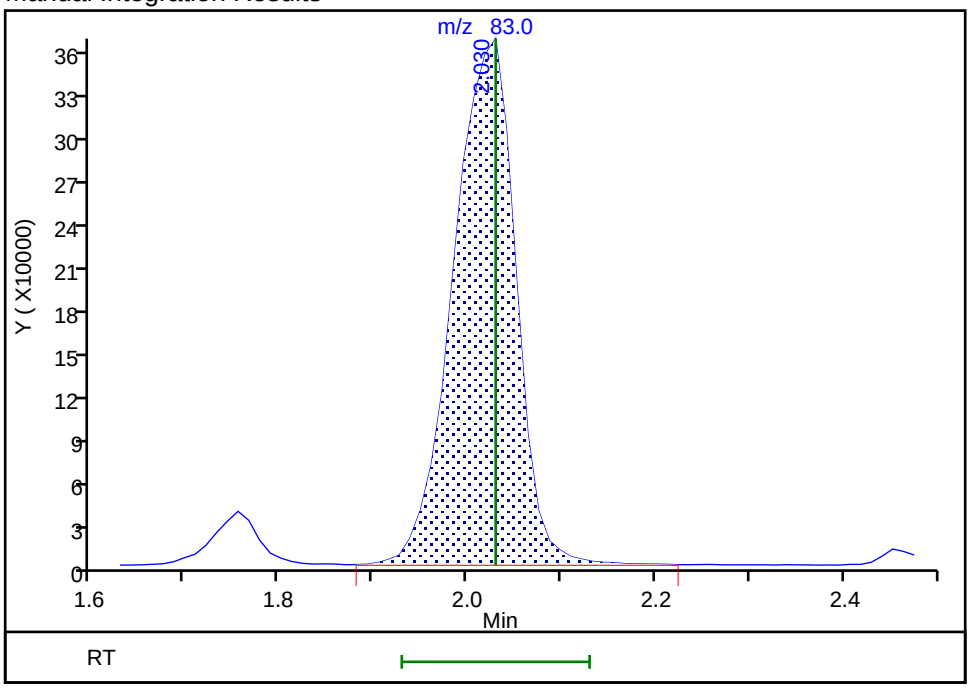
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 1676042
Amount: 178.6373
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:37:36
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

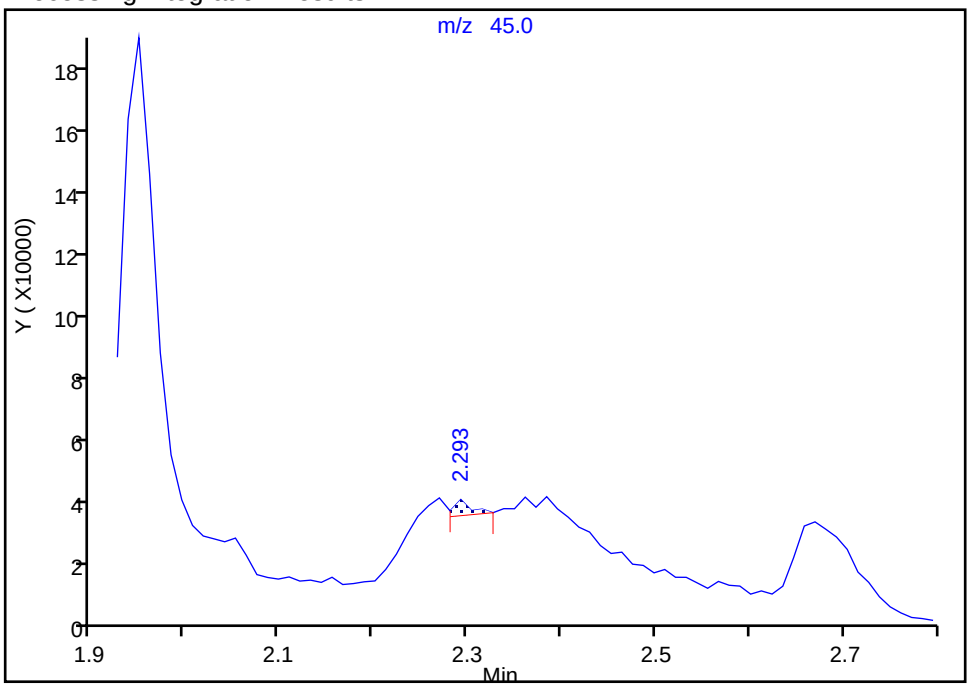
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Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

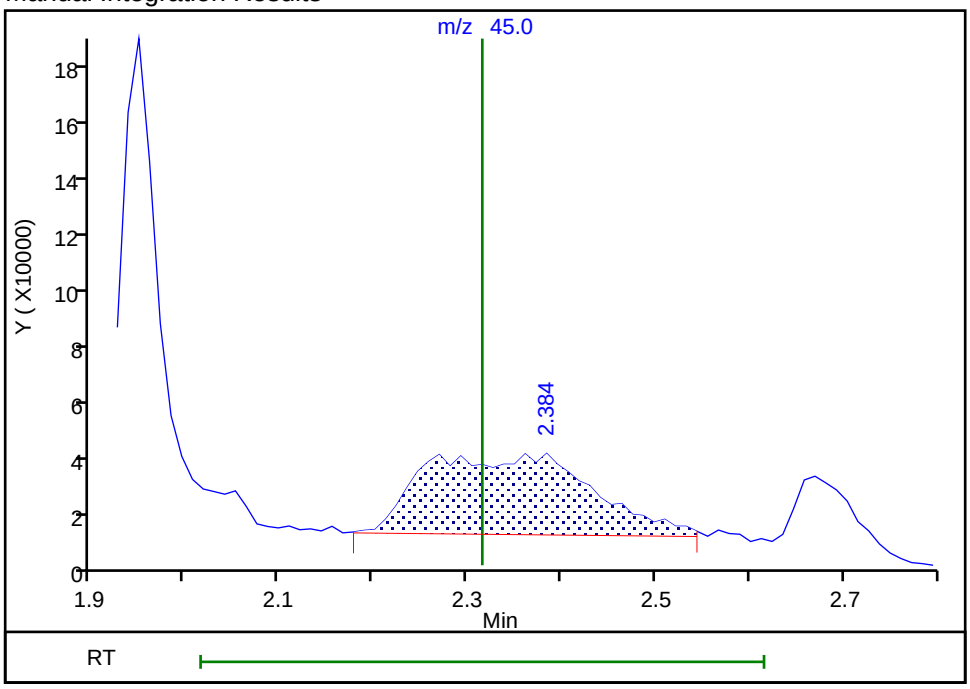
Processing Integration Results

RT: 2.29
Area: 6492
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.38
Area: 343456
Amount: 2102.6845
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:29:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

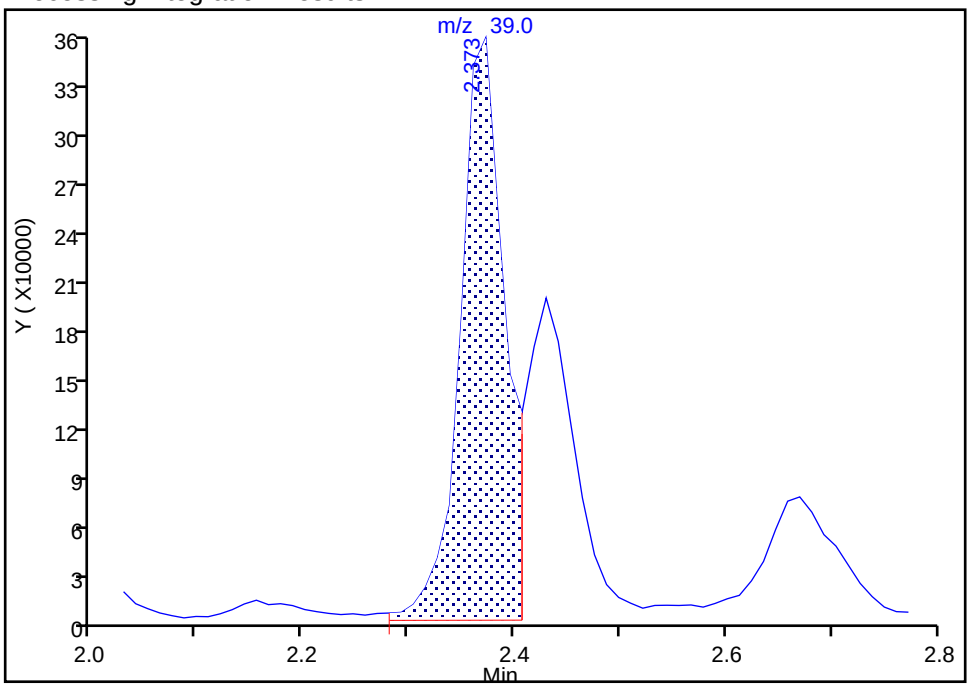
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38866.D
Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

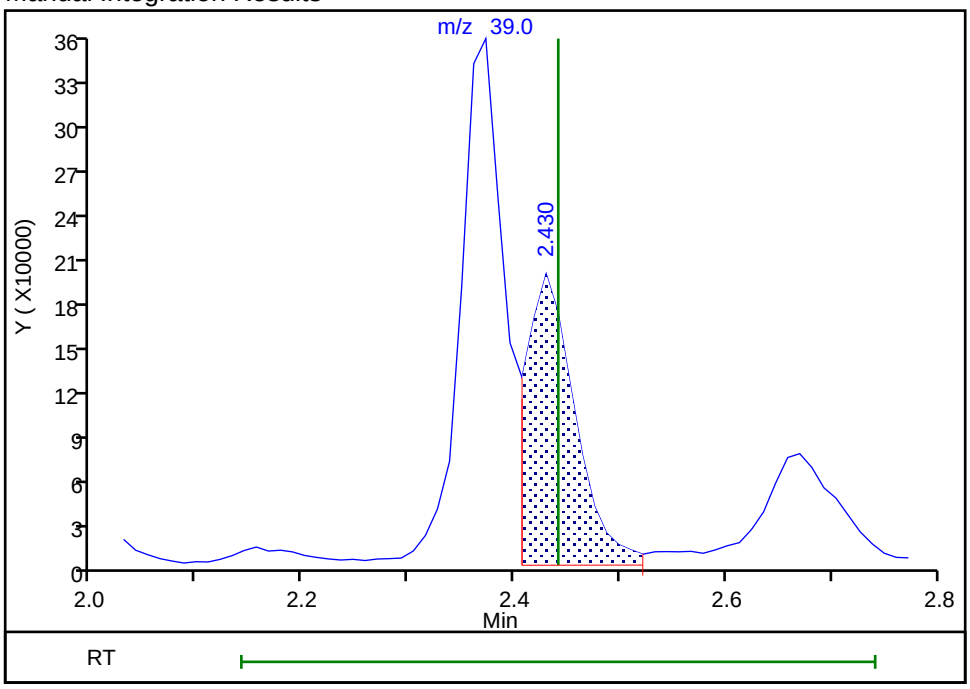
Processing Integration Results

RT: 2.37
Area: 1056837
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.43
Area: 645976
Amount: 1819.7323
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:38:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

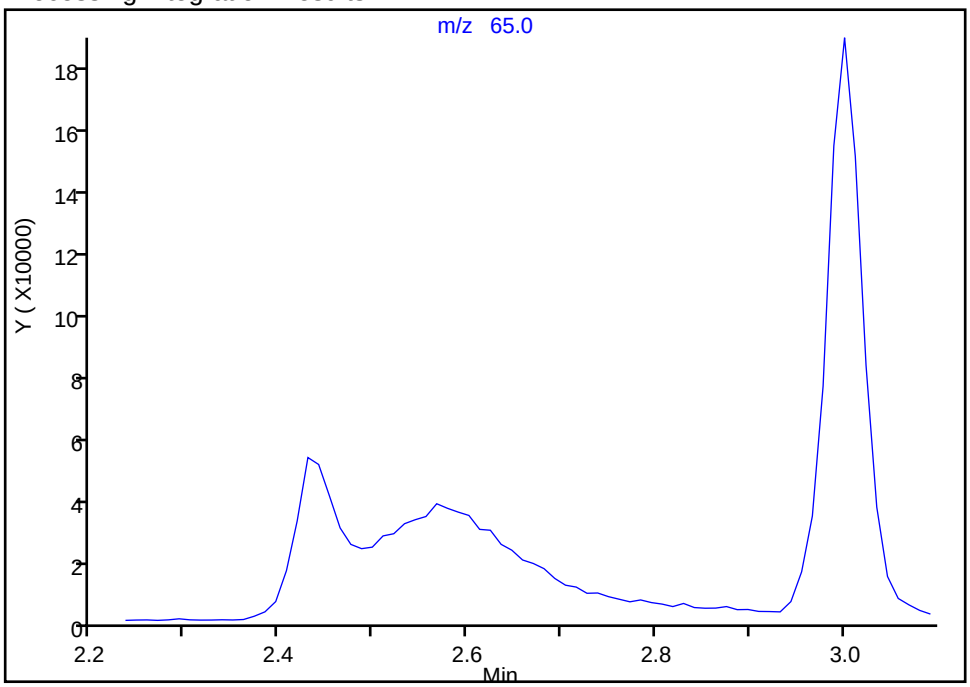
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Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

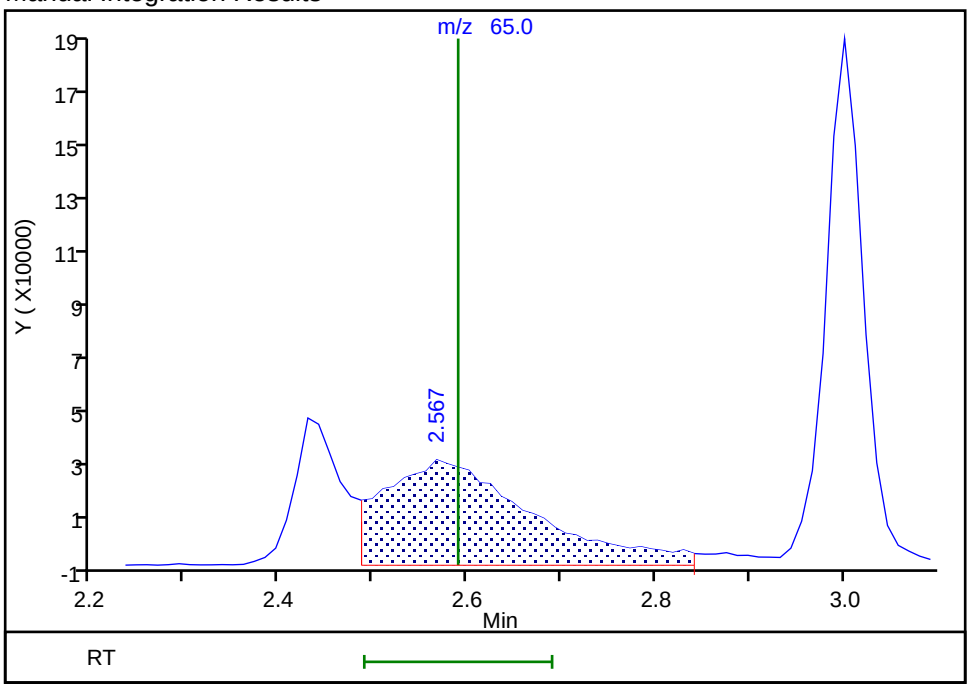
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.57
Area: 413357
Amount: 1000.0000
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:39:06
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

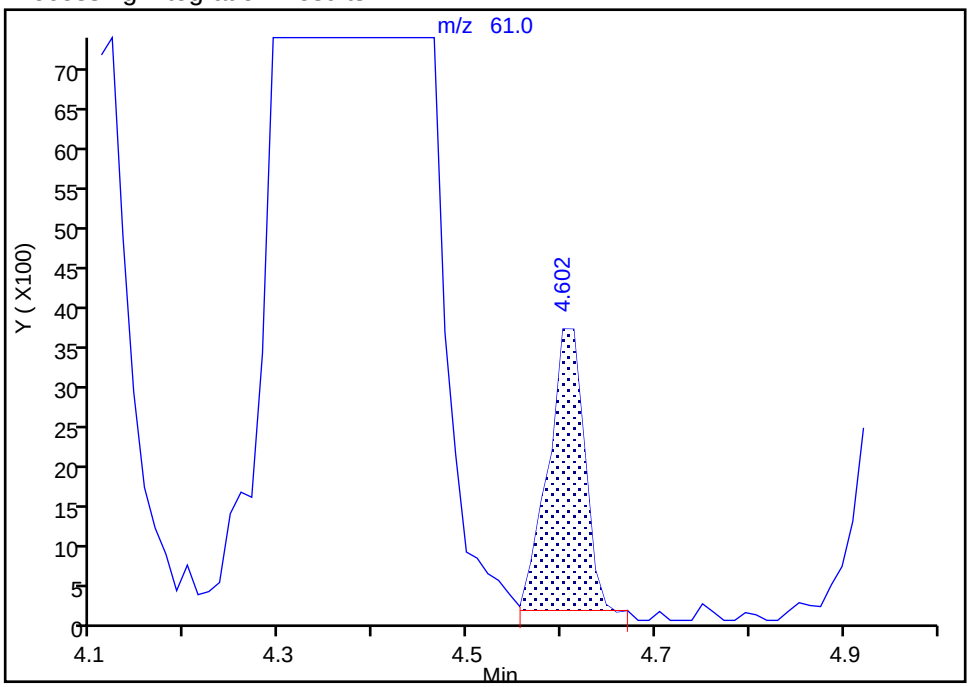
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38866.D
Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

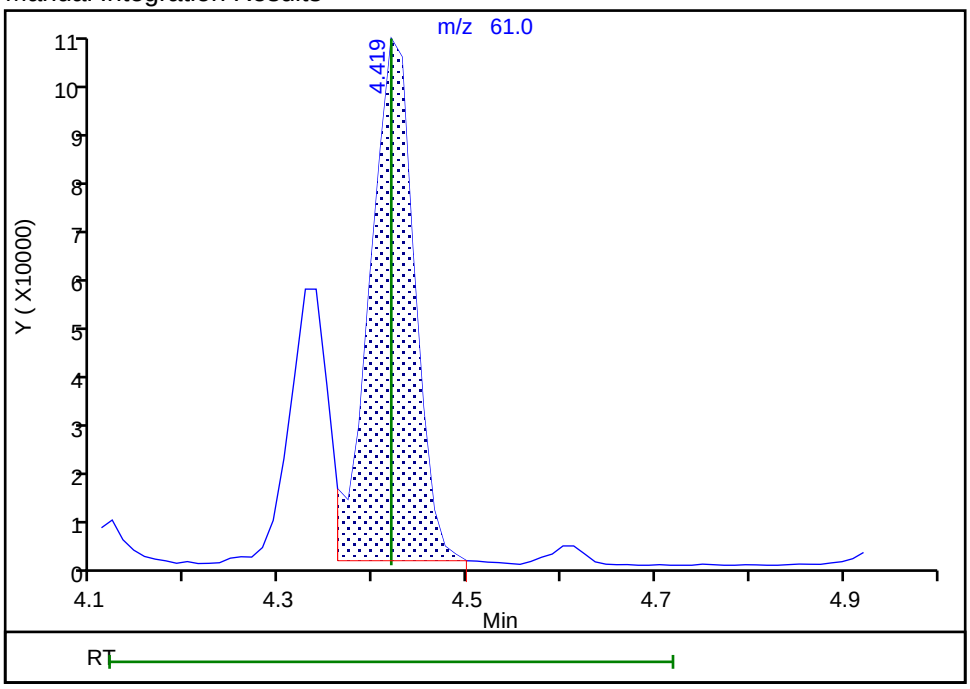
Processing Integration Results

RT: 4.60
Area: 9446
Amount: 7.228154
Amount Units: ug/l



Manual Integration Results

RT: 4.42
Area: 329785
Amount: 209.5492
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:39:27
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

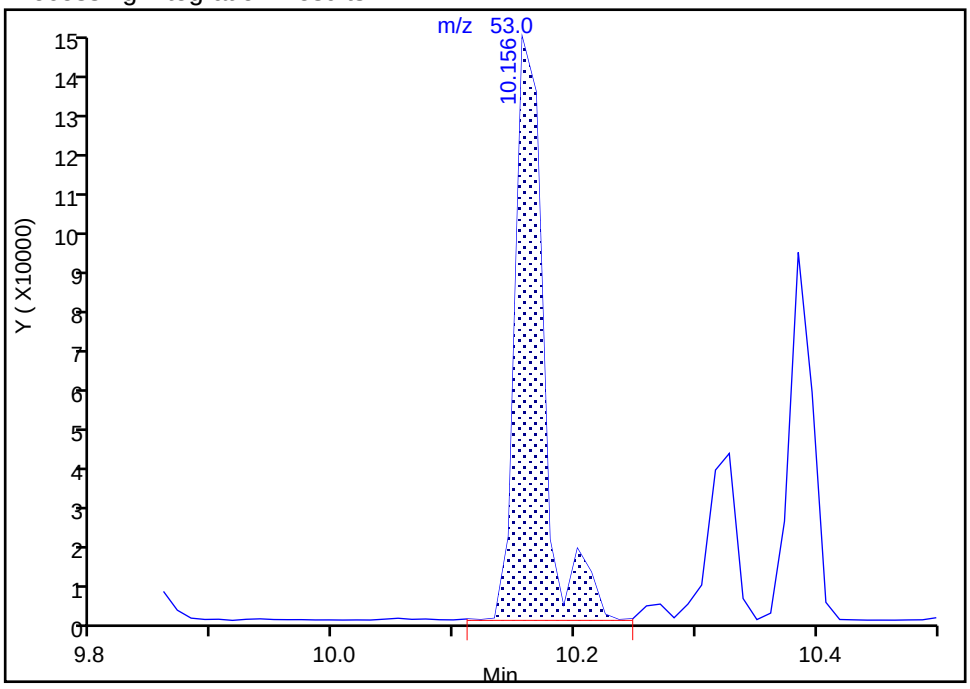
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38866.D
Injection Date: 04-Oct-2022 14:21:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

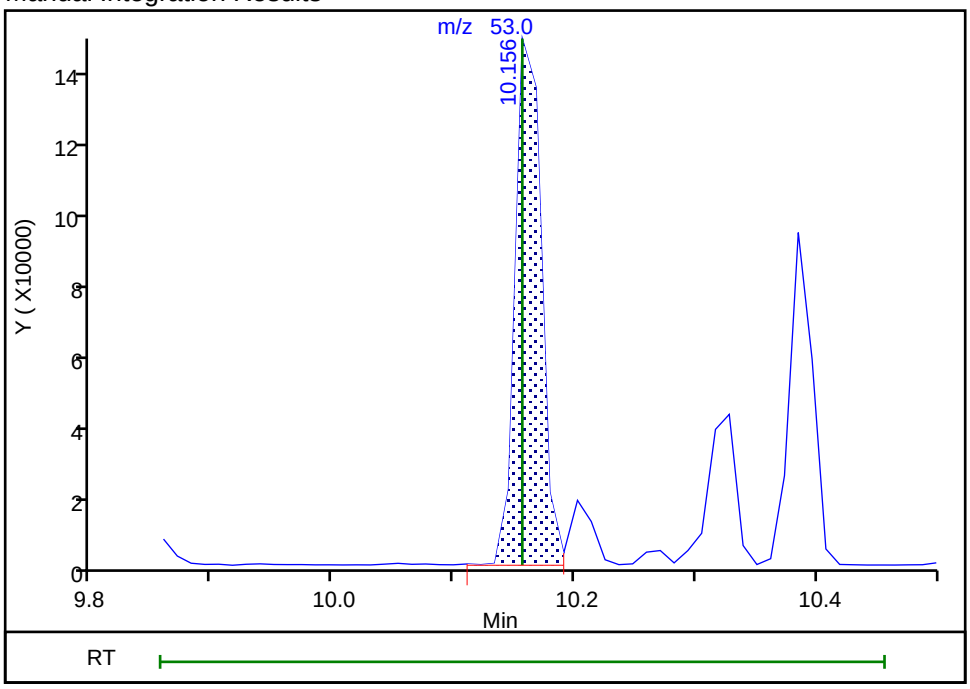
Processing Integration Results

RT: 10.16
Area: 234398
Amount: 220.1925
Amount Units: ug/l



Manual Integration Results

RT: 10.16
Area: 213230
Amount: 215.5319
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:29:57
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 04-Oct-2022 14:43:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0151264-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2022 16:24:15 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: W9CM Date: 06-Oct-2022 15:28:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.081	1.070	0.011	73	532173	NC	NC	a
3 1,1-Difluoroethane	65	1.138	1.138	0.000	96	1680076	NC	NC	
2 Chlorotrifluoroethene	116	1.150	1.150	0.000	68	1797991	500.0	415.6	
5 Chlorodifluoromethane	67	1.172	1.161	0.011	96	749431	500.0	500.3	
4 Dichlorodifluoromethane	85	1.172	1.173	-0.001	98	4945526	500.0	400.1	
6 Chloromethane	50	1.298	1.298	0.000	99	4601776	500.0	401.4	M
7 Butadiene	54	1.367	1.356	0.011	94	3019556	500.0	423.2	
8 Vinyl chloride	62	1.367	1.367	0.000	97	3351510	500.0	404.2	
9 Bromomethane	94	1.584	1.573	0.011	98	2985660	500.0	373.2	
10 Chloroethane	64	1.618	1.618	0.000	100	2243400	500.0	409.2	
11 Dichlorofluoromethane	67	1.767	1.767	0.000	99	6748670	500.0	446.3	
12 Trichlorofluoromethane	101	1.824	1.813	0.011	98	5504140	500.0	434.5	
13 Pentane	72	1.813	1.824	-0.011	96	1153715	1000.0	865.9	
15 Ethyl ether	59	1.961	1.961	0.000	95	1980695	500.0	416.3	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	83	2478253	500.0	463.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.995	1.984	0.011	91	3042364	500.0	425.1	
14 Ethanol	46	1.961	2.007	-0.046	69	499417	20000	19463	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.041	2.030	0.011	95	4740704	500.0	426.8	a
19 Acrolein	56	2.053	2.053	0.000	94	450252	600.0	542.9	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	98	2620467	500.0	466.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.155	2.156	-0.001	95	3313009	500.0	475.7	
22 Acetone	43	2.167	2.167	0.000	87	4580024	2500.0	2536.4	
23 Iodomethane	142	2.235	2.236	-0.001	97	5055163	500.0	449.0	
25 Carbon disulfide	76	2.281	2.281	0.000	99	8771123	500.0	448.7	
24 Isopropyl alcohol	45	2.384	2.316	0.068	27	1245317	5000.0	6536.5	M
26 3-Chloro-1-propene	39	2.373	2.373	0.000	91	3176288	500.0	435.7	
27 Methyl acetate	43	2.395	2.396	-0.001	98	3089928	1000.0	1072.8	
28 Cyclopentene	67	2.441	2.441	0.000	96	6711193	500.0	476.7	
29 Acetonitrile	39	2.441	2.441	0.000	73	1963120	5000.0	4741.3	a
31 Methylene Chloride	84	2.475	2.464	0.011	88	2951987	500.0	407.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.601	2.590	0.011	40	482132	1000.0	1000.0	
35 Acrylonitrile	53	2.658	2.658	0.000	94	8824057	5000.0	4577.0	
34 trans-1,2-Dichloroethene	96	2.681	2.670	0.011	94	2862634	500.0	452.2	
33 Methyl tert-butyl ether	73	2.681	2.681	0.000	96	7830353	500.0	447.3	
32 2-Methyl-2-propanol	59	2.658	2.681	-0.023	94	3651613	5000.0	5754.6	
36 Hexane	43	2.898	2.899	0.000	91	1967526	500.0	435.7	
38 1,1-Dichloroethane	63	3.013	3.001	0.012	99	4723353	500.0	465.2	
39 Vinyl acetate	86	3.058	3.047	0.011	100	919195	1000.0	1197.9	
37 Isopropyl ether	45	3.081	3.070	0.011	84	7643384	500.0	456.4	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	91	2735767	500.0	485.0	
41 Tert-butyl ethyl ether	87	3.378	3.379	-0.001	89	3493264	500.0	453.3	
* 42 2-Butanone-d5	46	3.481	3.470	0.011	87	426673	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.504	3.493	0.011	99	3219787	500.0	460.3	
43 2,2-Dichloropropane	79	3.527	3.516	0.011	95	1520715	500.0	481.7	
46 2-Butanone (MEK)	72	3.527	3.527	0.000	99	1763356	2500.0	2582.7	
45 Ethyl acetate	70	3.584	3.550	0.034	99	500228	1000.0	1016.5	
48 Propionitrile	54	3.584	3.573	0.011	94	3586366	5000.0	4461.6	
47 Methyl acrylate	55	3.607	3.573	0.034	99	2603496	500.0	574.4	
51 Methacrylonitrile	67	3.721	3.710	0.011	88	11080921	5000.0	5179.1	
50 Chlorobromomethane	128	3.721	3.710	0.011	53	1613459	500.0	465.9	
49 Tetrahydrofuran	72	3.778	3.779	-0.001	88	762094	1000.0	807.4	
52 Chloroform	83	3.790	3.790	0.000	99	5014687	500.0	466.7	
$ 55 Dibromofluoromethane (Surr)	113	3.938	3.939	-0.001	95	253641	50.0	46.7	
54 1,1,1-Trichloroethane	97	3.984	3.973	0.011	98	4445625	500.0	503.6	
53 Cyclohexane	84	4.041	4.030	0.011	88	4837889	500.0	457.1	
57 1,1-Dichloropropene	75	4.121	4.121	0.000	98	3808499	500.0	488.6	
56 Carbon tetrachloride	117	4.133	4.133	0.000	97	3478229	500.0	640.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.270	4.259	0.011	0	258551	50.0	47.3	
58 Isobutyl alcohol	74	4.327	4.327	0.000	95	964028	12500	13176	
60 Benzene	78	4.327	4.327	0.000	95	11870846	500.0	497.0	
64 1,2-Dichloroethane	62	4.339	4.339	0.000	97	3723239	500.0	492.1	
62 Isopropyl acetate	61	4.430	4.419	0.011	89	1019529	500.0	547.2	
59 Isooctane	57	4.430	4.419	0.011	89	12810430	500.0	570.5	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	94	9595633	500.0	520.3	
* 66 Fluorobenzene	96	4.613	4.602	0.011	99	1031295	50.0	50.0	
65 n-Heptane	43	4.624	4.613	0.011	88	3607320	500.0	456.6	
68 n-Butanol	56	5.001	4.944	0.057	87	1797157	12500	20666	
69 Trichloroethene	95	5.001	5.002	-0.001	98	2927015	500.0	499.3	
70 Ethyl acrylate	55	5.150	5.139	0.011	97	2787569	500.0	499.5	
71 Methylcyclohexane	83	5.230	5.219	0.011	93	5842331	500.0	488.6	
72 1,2-Dichloropropane	63	5.253	5.242	0.011	89	2781974	500.0	510.1	
77 Dibromomethane	93	5.379	5.379	0.000	95	1731423	500.0	506.2	
75 1,4-Dioxane	88	5.481	5.402	0.079	28	625200	10000	8101.5	a
74 Methyl methacrylate	69	5.413	5.402	0.011	83	3434238	1000.0	1281.9	
* 73 1,4-Dioxane-d8	96	5.379	5.424	-0.045	27	58338	1000.0	1000.0	
76 n-Propyl acetate	43	5.504	5.482	0.022	98	2974809	500.0	499.7	
78 Dichlorobromomethane	83	5.573	5.562	0.011	99	3751637	500.0	626.8	
79 2-Nitropropane	41	5.859	5.836	0.023	93	494549	1000.0	1000.0	
67 2-Chloroethyl vinyl ether	63	5.962	5.950	0.012	93	322810	501.2	501.2	
80 Epichlorohydrin	57	6.030	6.007	0.023	99	4823537	10000	10755	
81 cis-1,3-Dichloropropene	75	6.122	6.110	0.012	92	4451519	500.0	594.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.362	6.350	0.012	96	12797930	2500.0	2584.4	

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	6.464	6.453	0.011	99	1048477	50.0	50.8	
84 Toluene	91	6.544	6.533	0.011	93	13093341	500.0	530.3	
85 trans-1,3-Dichloropropene	75	6.853	6.842	0.011	97	3617743	500.0	596.1	
86 Ethyl methacrylate	69	7.024	7.025	-0.001	87	3201664	500.0	499.6	
87 1,1,2-Trichloroethane	83	7.093	7.082	0.011	95	1919970	500.0	507.0	
88 Tetrachloroethene	166	7.276	7.265	0.011	94	2693940	500.0	517.1	
89 1,3-Dichloropropane	76	7.322	7.310	0.012	92	3623828	500.0	497.4	
90 2-Hexanone	43	7.482	7.482	0.000	95	7011440	2500.0	2500.1	
92 Chlorodibromomethane	129	7.619	7.619	0.000	98	2472100	500.0	486.7	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	2851833	500.0	499.7	
93 Ethylene Dibromide	107	7.756	7.756	0.000	98	2185379	500.0	499.4	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	83	673798	50.0	50.0	
95 Chlorobenzene	112	8.499	8.488	0.011	96	7891063	500.0	522.4	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	95	3007085	500.0	482.8	
96 Ethylbenzene	106	8.693	8.682	0.011	98	4446694	500.0	510.0	
98 m-Xylene & p-Xylene	106	8.865	8.853	0.012	0	5490700	500.0	504.9	
100 o-Xylene	106	9.356	9.345	0.011	94	6304276	500.0	524.8	
101 Styrene	104	9.368	9.368	0.000	95	9109700	500.0	532.3	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	1835867	500.0	499.7	
103 Bromoform	173	9.550	9.551	-0.001	94	1353003	500.0	489.8	
102 Amyl acetate (mixed isomers)	43	9.665	9.653	0.012	92	2997870	500.0	499.7	
104 Isopropylbenzene	105	9.779	9.779	0.000	97	14578786	500.0	471.6	e
$ 105 4-Bromofluorobenzene	174	9.928	9.916	0.012	88	257005	50.0	49.2	
106 Bromobenzene	156	10.065	10.054	0.011	98	3041499	500.0	487.6	
107 1,1,2,2-Tetrachloroethane	83	10.111	10.099	0.012	98	3475674	500.0	513.2	
109 1,2,3-Trichloropropane	110	10.133	10.122	0.011	98	873540	500.0	447.5	
110 trans-1,4-Dichloro-2-butene	53	10.168	10.156	0.012	93	664431	500.0	536.6	M
108 N-Propylbenzene	91	10.213	10.202	0.011	95	14033421	500.0	416.1	e
111 2-Chlorotoluene	91	10.271	10.271	0.000	96	10709514	500.0	534.0	e
112 4-Ethyltoluene	105	10.328	10.316	0.012	95	12780826	500.0	460.2	e
114 4-Chlorotoluene	91	10.385	10.374	0.011	99	11631626	500.0	552.7	
113 1,3,5-Trimethylbenzene	105	10.396	10.385	0.011	97	12464878	500.0	475.7	e
115 Butyl Methacrylate	87	10.522	10.522	0.000	87	3576807	500.0	499.7	
116 tert-Butylbenzene	119	10.693	10.682	0.011	92	11945456	500.0	567.6	e
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	98	12764944	500.0	464.9	e
118 sec-Butylbenzene	105	10.888	10.876	0.012	89	13657546	500.0	403.7	e
120 1,3-Dichlorobenzene	146	10.956	10.956	0.000	95	6154809	500.0	502.5	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.014	-0.001	57	362287	50.0	50.0	
119 4-Isopropyltoluene	119	11.025	11.014	0.011	96	12655234	500.0	437.1	e
122 1,4-Dichlorobenzene	146	11.036	11.036	0.000	94	6215100	500.0	497.9	
123 1,2,3-Trimethylbenzene	105	11.093	11.094	-0.001	96	13106747	500.0	451.3	e
124 Benzyl chloride	91	11.162	11.162	0.000	99	5481469	500.0	490.5	
125 2,3-Dihydroindene	117	11.253	11.254	-0.001	90	11037042	500.0	423.7	e
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	85	6410972	500.0	482.5	
126 p-Diethylbenzene	119	11.345	11.345	0.000	91	8511024	500.0	535.7	
127 n-Butylbenzene	92	11.368	11.356	0.012	95	8418547	500.0	512.0	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	96	12467533	500.0	423.8	e
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	95	817930	500.0	499.5	
131 1,3,5-Trichlorobenzene	180	12.134	12.122	0.012	97	5241318	500.0	507.5	
132 1,2,4-Trichlorobenzene	180	12.579	12.579	0.000	93	5104857	500.0	498.8	
133 Hexachlorobutadiene	225	12.716	12.705	0.011	92	2198473	500.0	580.4	
134 Naphthalene	128	12.751	12.751	0.000	96	11175127	500.0	399.5	e

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	12.922	12.922	0.000	95	4921451	500.0	481.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	912.6	
S 137 Xylenes, Total	100				0		1000.0	1029.7	
S 139 Total BTEX	1				0		2500.0	2567.0	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GAS Hi_00425	Amount Added:	5.00	Units: uL	
MIX I Hi_00155	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	5.00	Units: uL	
Ethanol mix_00069	Amount Added:	5.00	Units: uL	
8FreonHi_00049	Amount Added:	5.00	Units: uL	
ACROLEIN W_00144	Amount Added:	6.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Oct-2022 16:24:16 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Injection Date: 04-Oct-2022 14:43:30 Instrument ID: CVOAMS9 Operator ID:

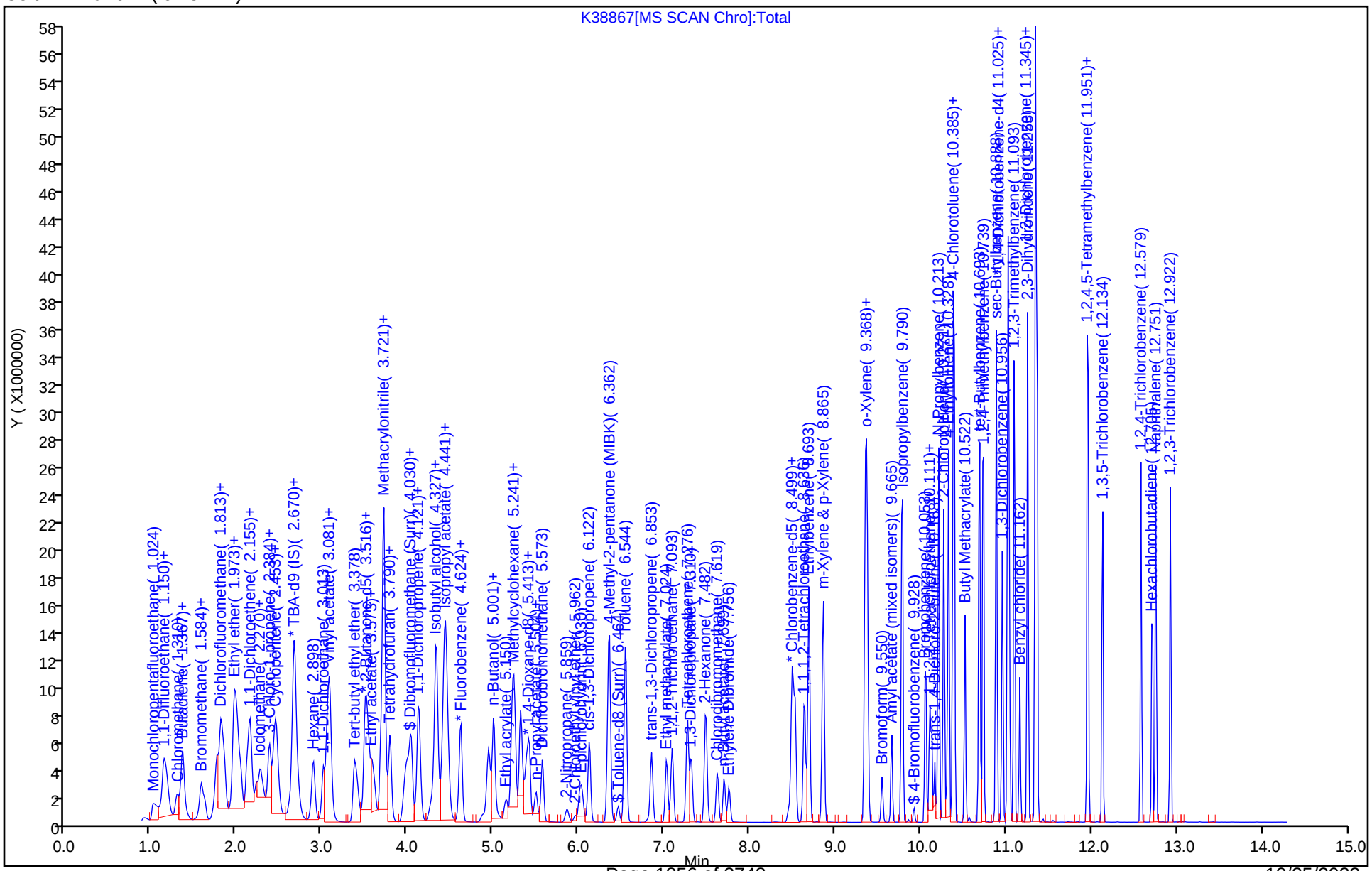
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

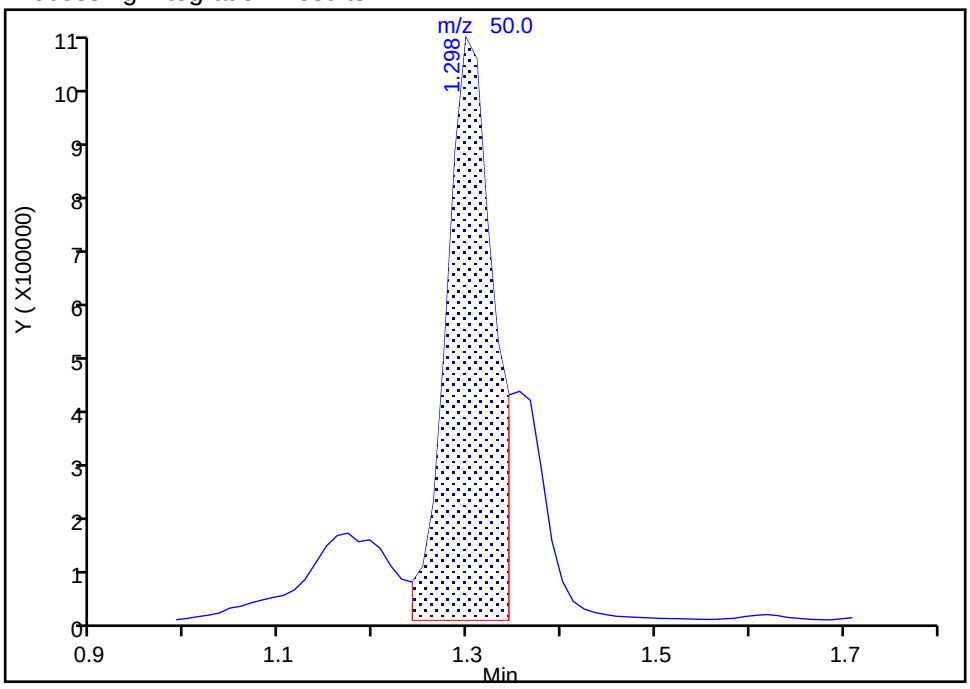
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Injection Date: 04-Oct-2022 14:43:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

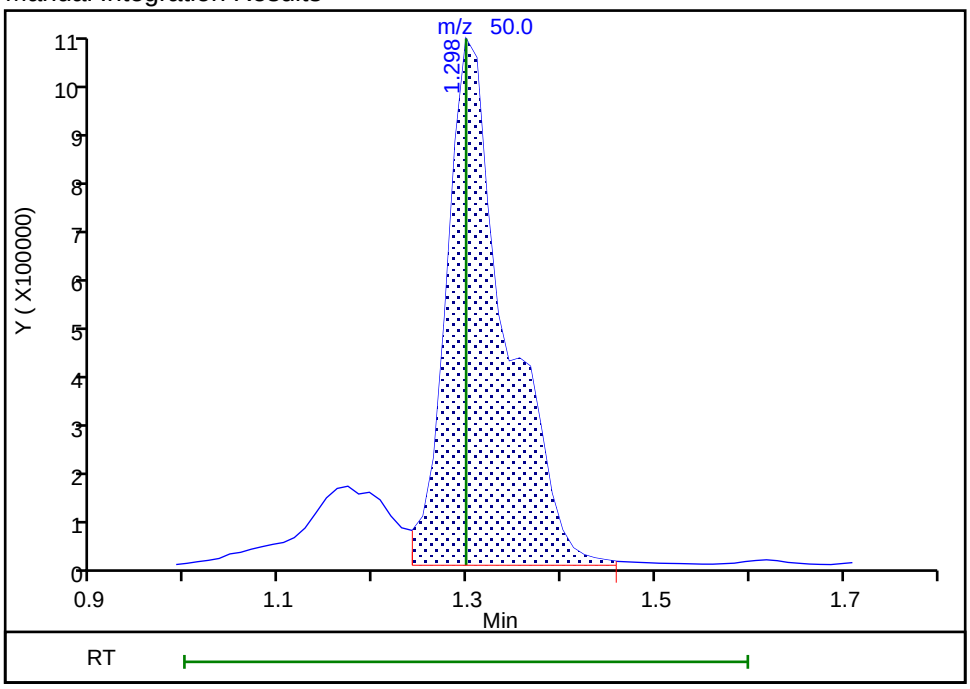
Processing Integration Results

RT: 1.30
Area: 3659441
Amount: 501.4348
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 4601776
Amount: 401.3859
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:58:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

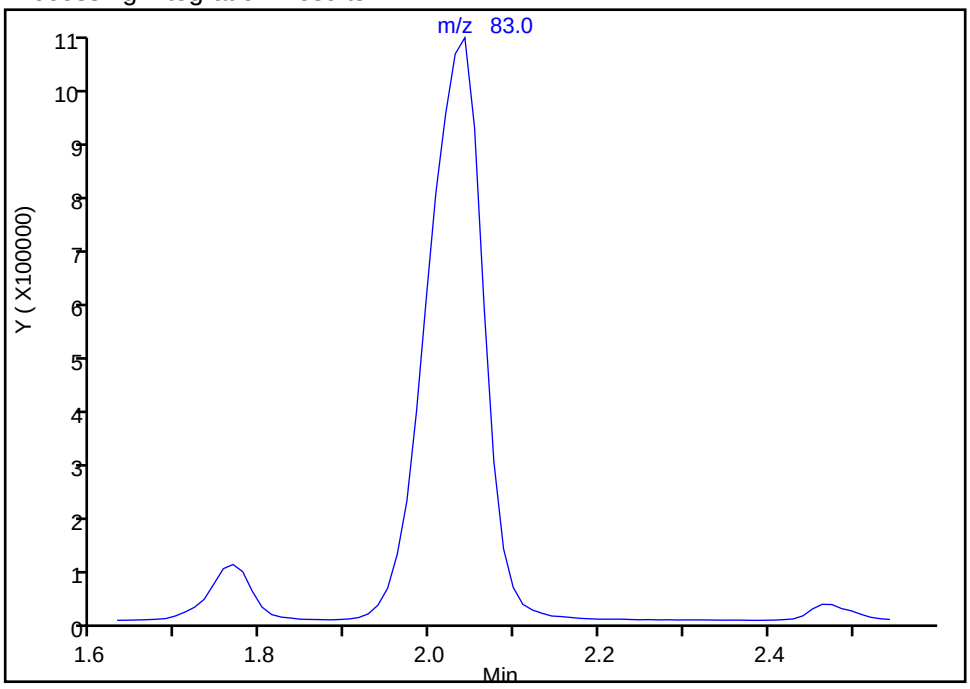
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Injection Date: 04-Oct-2022 14:43:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

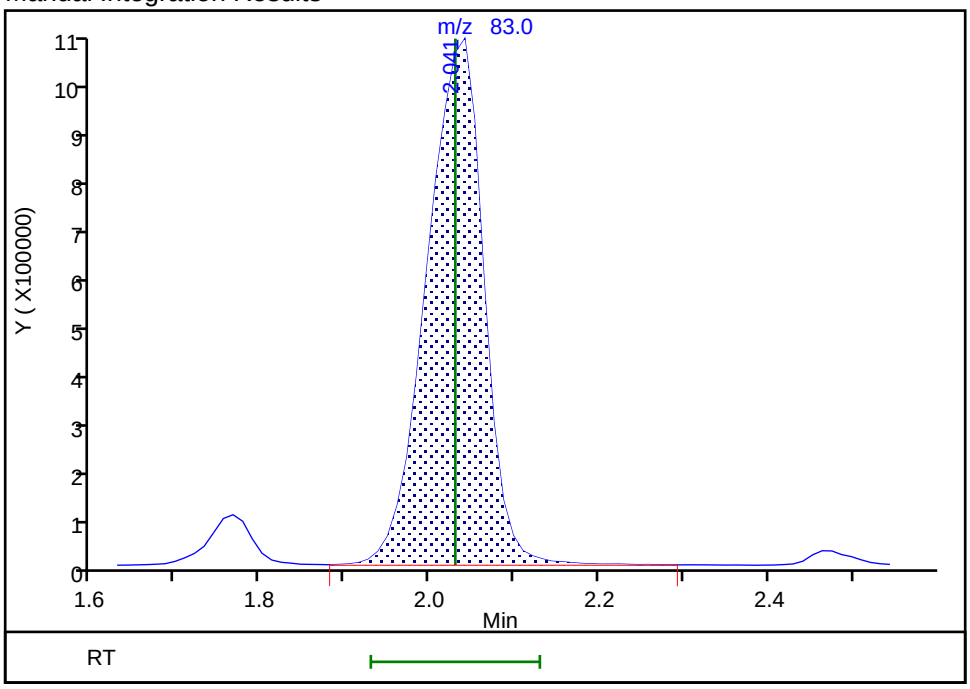
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.04
Area: 4740704
Amount: 426.8330
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:40:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

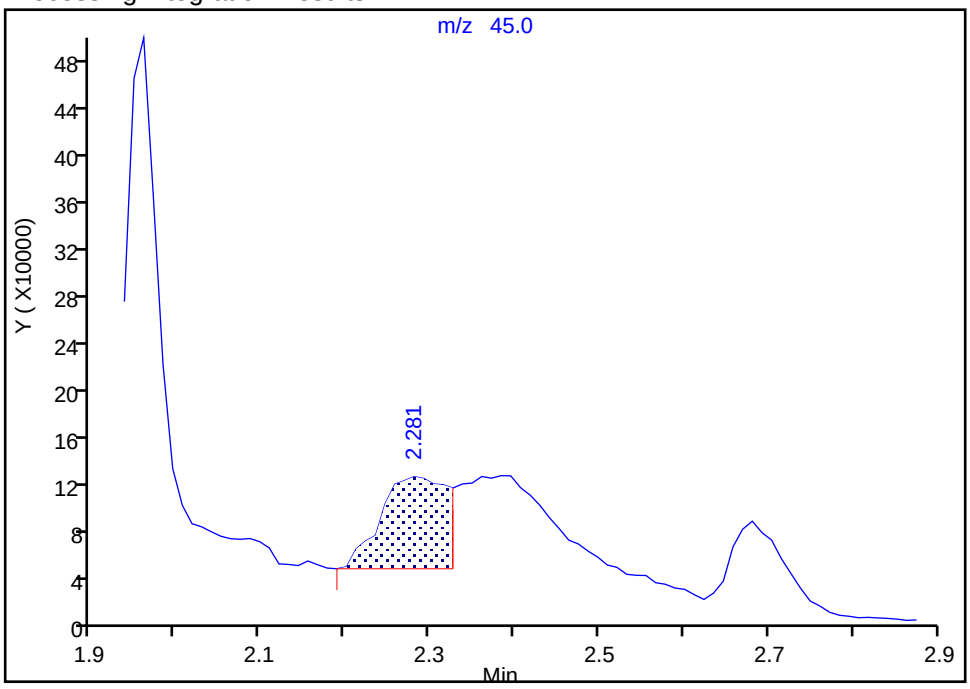
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Injection Date: 04-Oct-2022 14:43:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

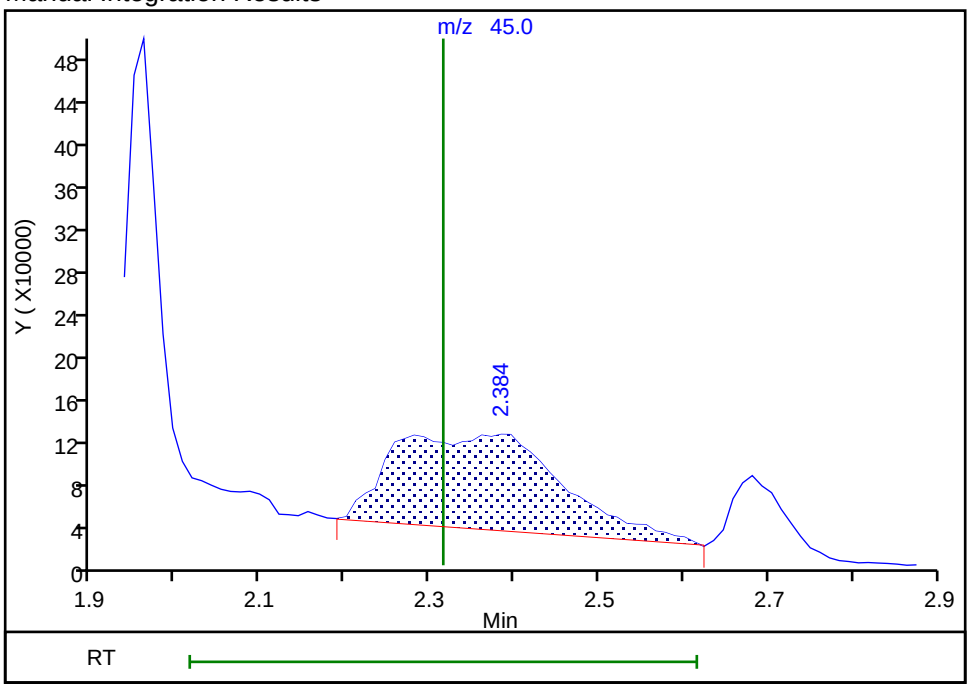
Processing Integration Results

RT: 2.28
Area: 440184
Amount: 2760.3456
Amount Units: ug/l



Manual Integration Results

RT: 2.38
Area: 1245317
Amount: 6536.4548
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:26:56
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

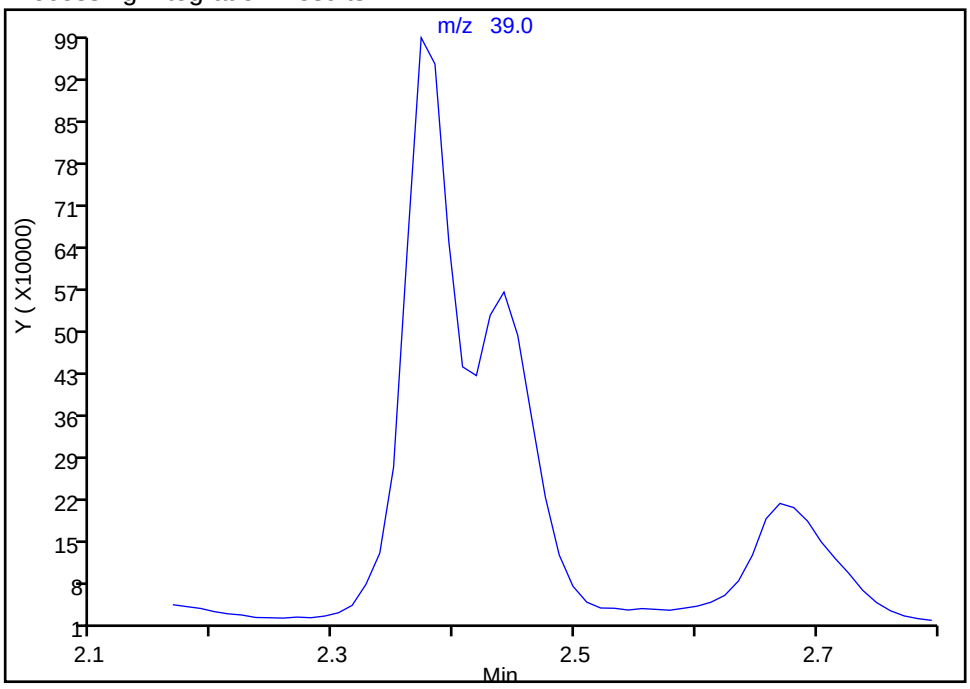
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Injection Date: 04-Oct-2022 14:43:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

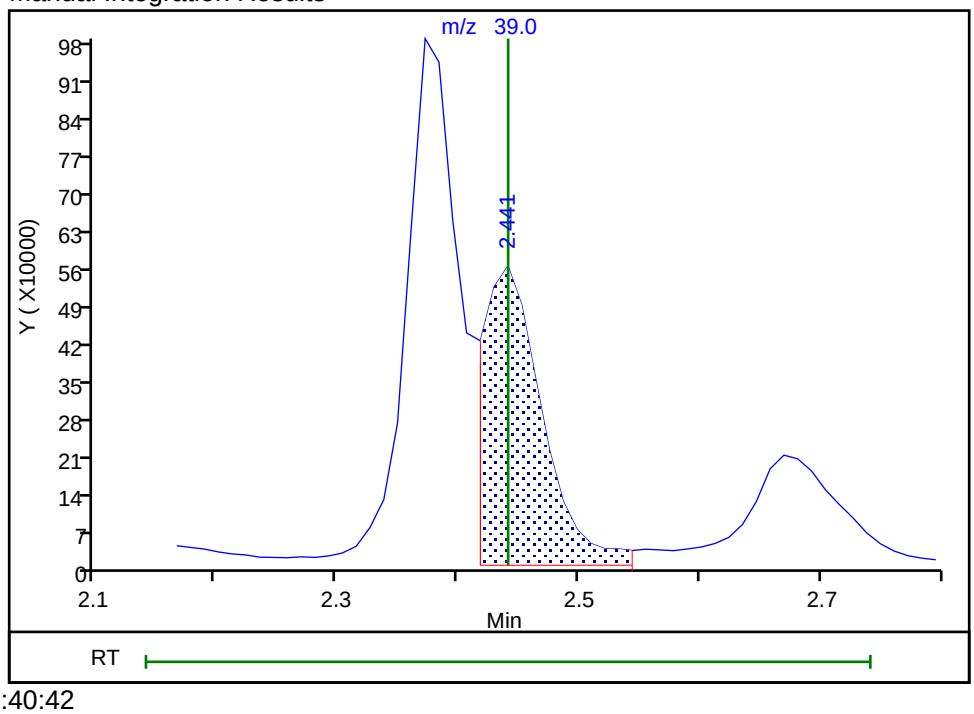
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 1963120
Amount: 4741.2986
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:40:42
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

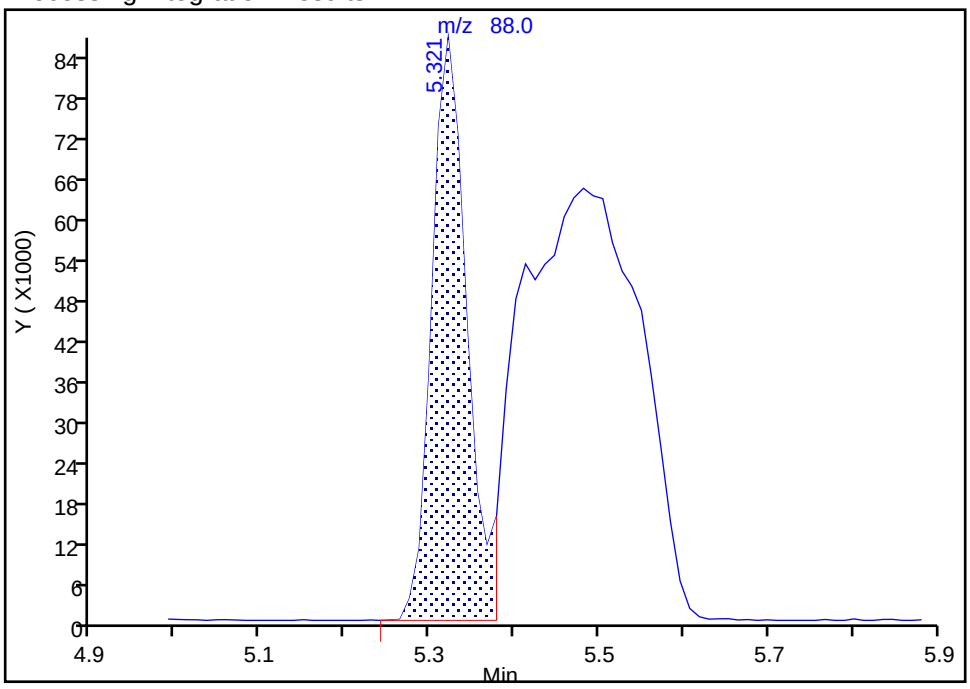
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Injection Date: 04-Oct-2022 14:43:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

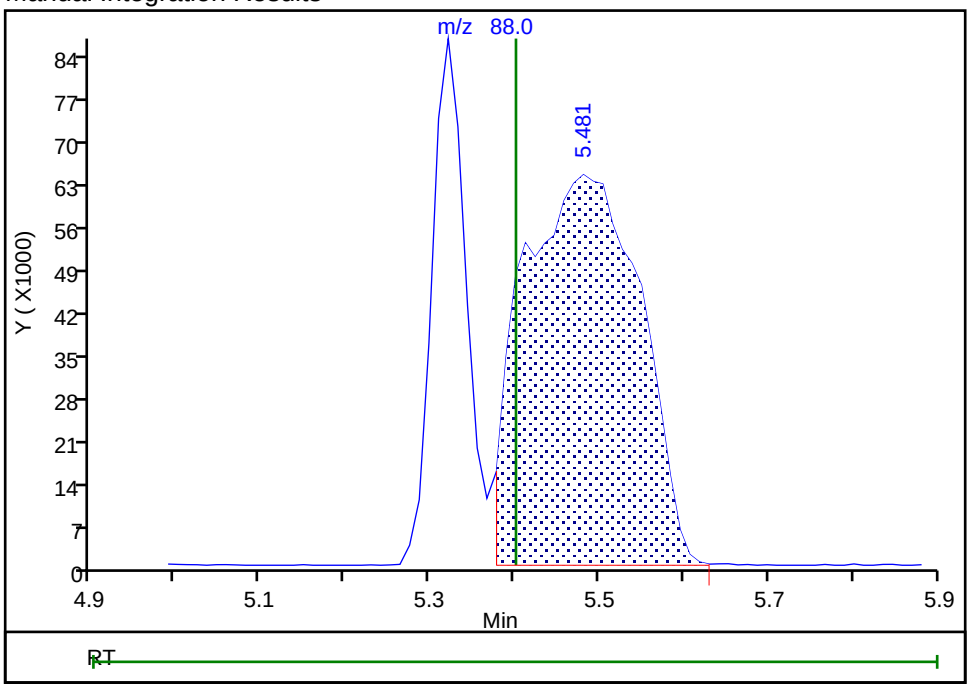
Processing Integration Results

RT: 5.32
Area: 255011
Amount: 3943.4703
Amount Units: ug/l



Manual Integration Results

RT: 5.48
Area: 625200
Amount: 8101.4696
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 12:41:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

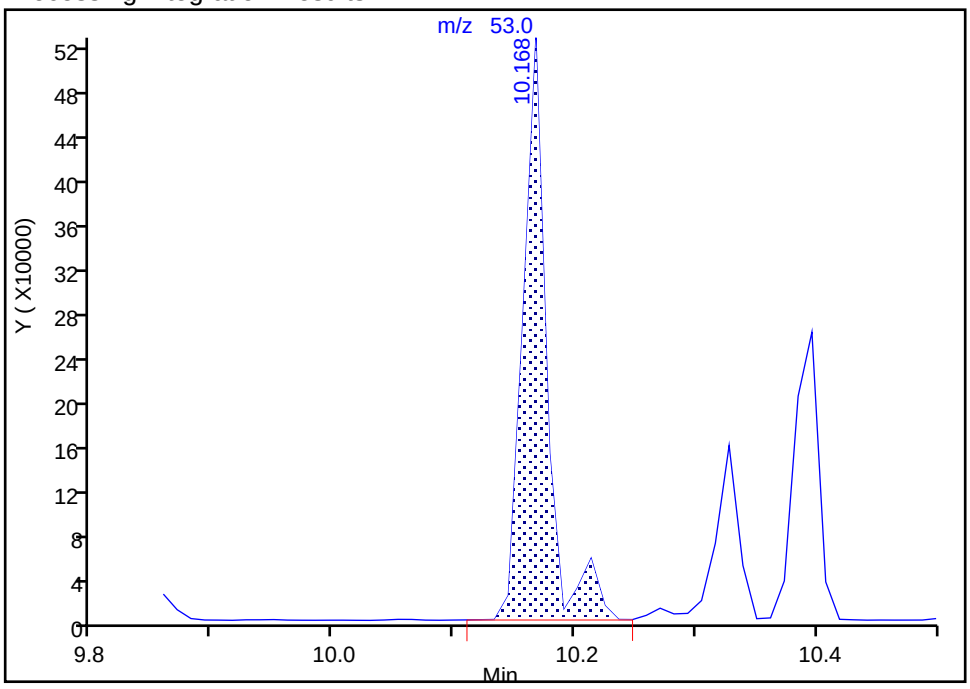
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Injection Date: 04-Oct-2022 14:43:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

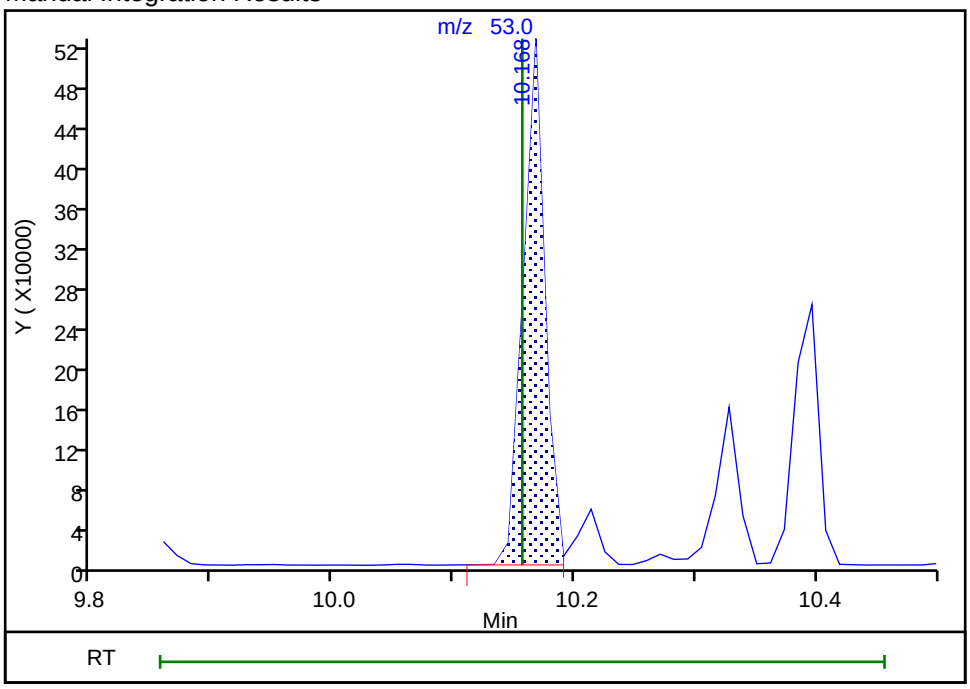
Processing Integration Results

RT: 10.17
Area: 732102
Amount: 540.3776
Amount Units: ug/l



Manual Integration Results

RT: 10.17
Area: 664431
Amount: 536.6386
Amount Units: ug/l



Reviewer: W9CM, 06-Oct-2022 15:28:04
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

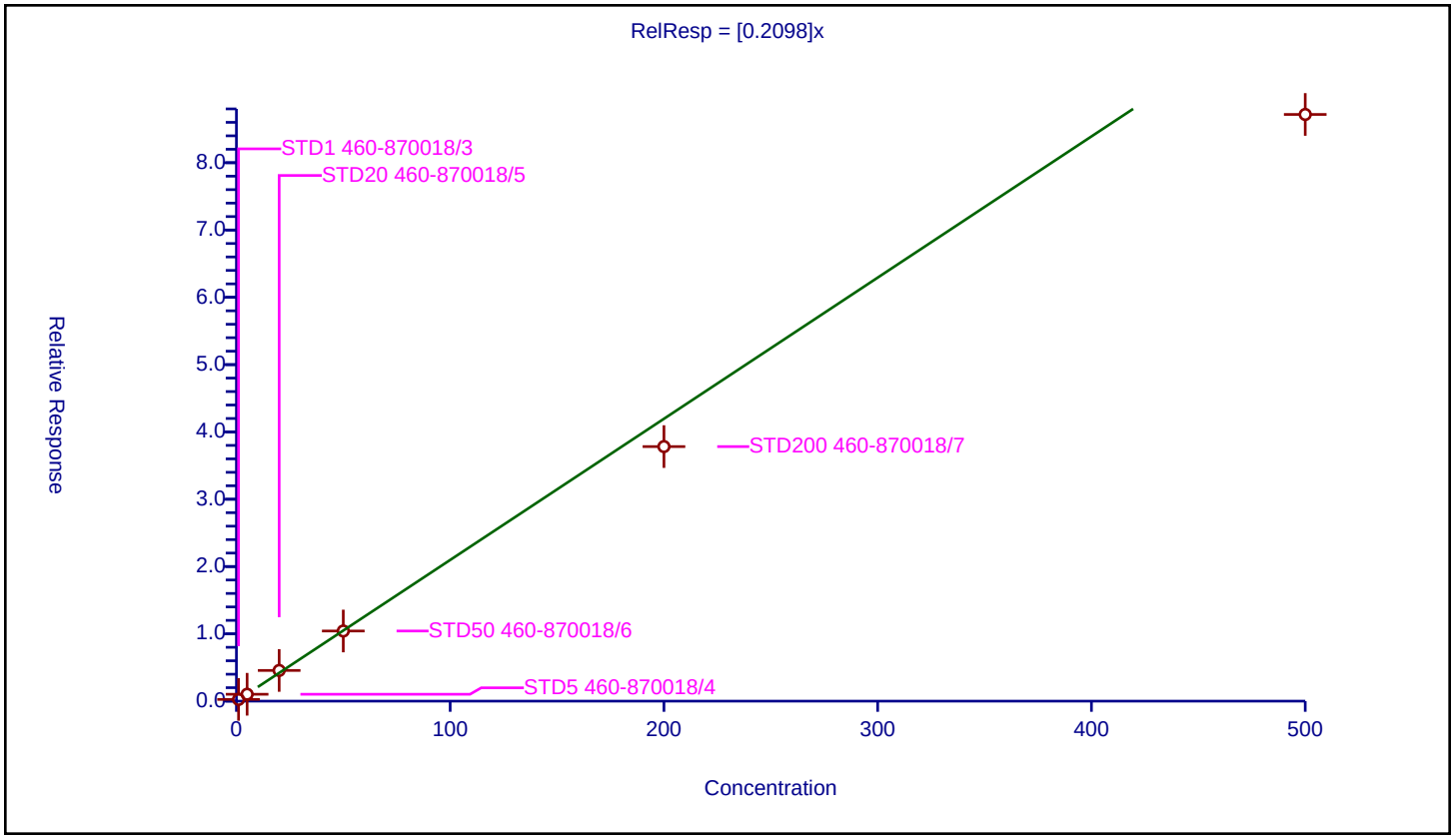
Curve Coefficients

Intercept:	0
Slope:	0.2098

Error Coefficients

Standard Error:	860000
Relative Standard Error:	13.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.253685	50.0	633068.0	0.253685	Y
2	STD5 460-870018/4	5.0	1.024616	50.0	652537.0	0.204923	Y
3	STD20 460-870018/5	20.0	4.56165	50.0	700525.0	0.228083	Y
4	STD50 460-870018/6	50.0	10.422864	50.0	739624.0	0.208457	Y
5	STD200 460-870018/7	200.0	37.823324	50.0	871186.0	0.189117	Y
6	STD500 460-870018/8	500.0	87.171517	50.0	1031295.0	0.174343	Y



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

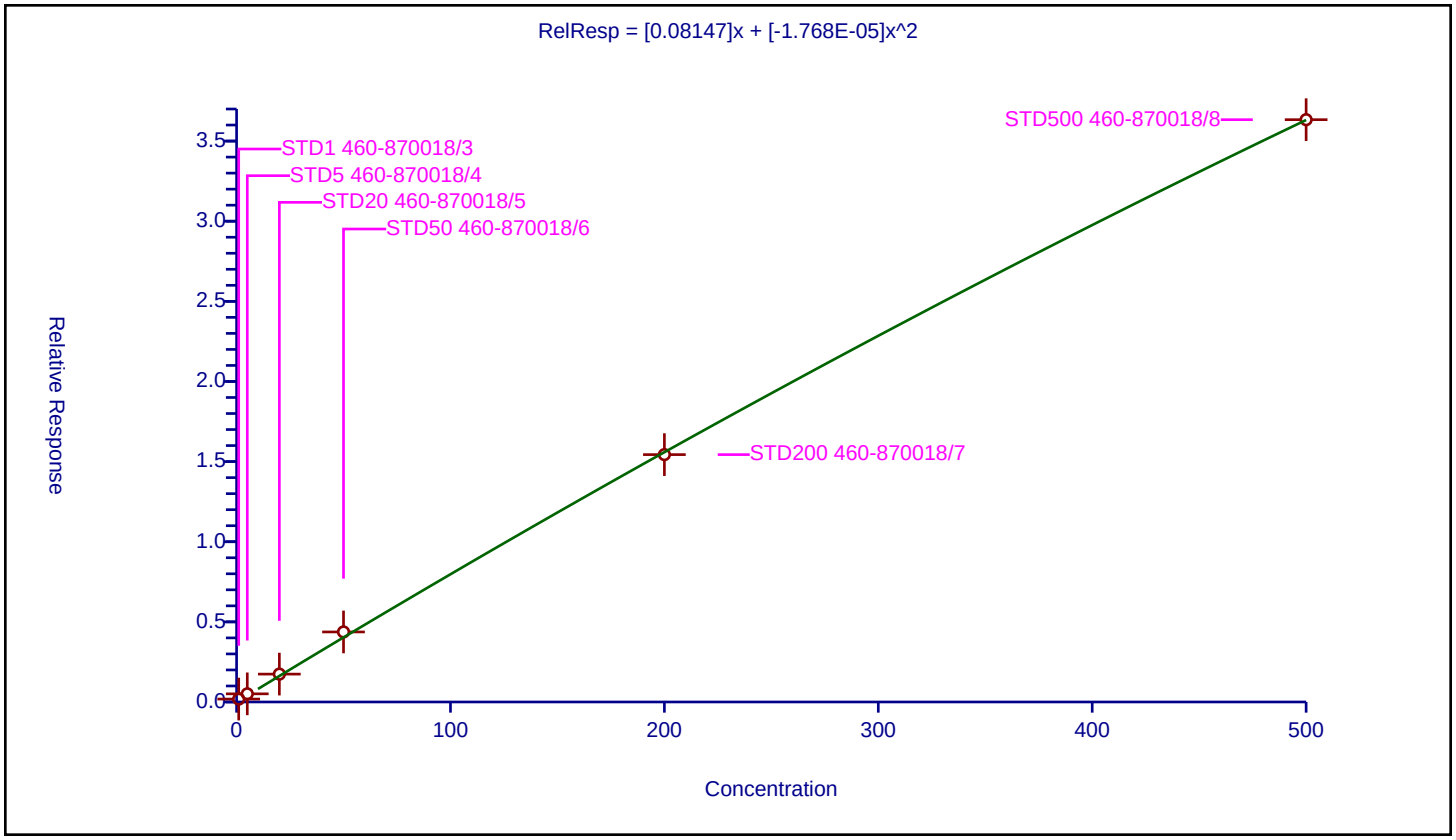
Curve Coefficients

Intercept:	0
Slope:	0.08147
Second Order:	-1.768E-05

Error Coefficients

Standard Error:	400000
Relative Standard Error:	63.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.182445	50.0	633068.0	0.182445	Y
2	STD5 460-870018/4	5.0	0.508783	50.0	652537.0	0.101757	Y
3	STD20 460-870018/5	20.0	1.739838	50.0	700525.0	0.086992	Y
4	STD50 460-870018/6	50.0	4.370464	50.0	739624.0	0.087409	Y
5	STD200 460-870018/7	200.0	15.434821	50.0	871186.0	0.077174	Y
6	STD500 460-870018/8	500.0	36.334463	50.0	1031295.0	0.072669	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

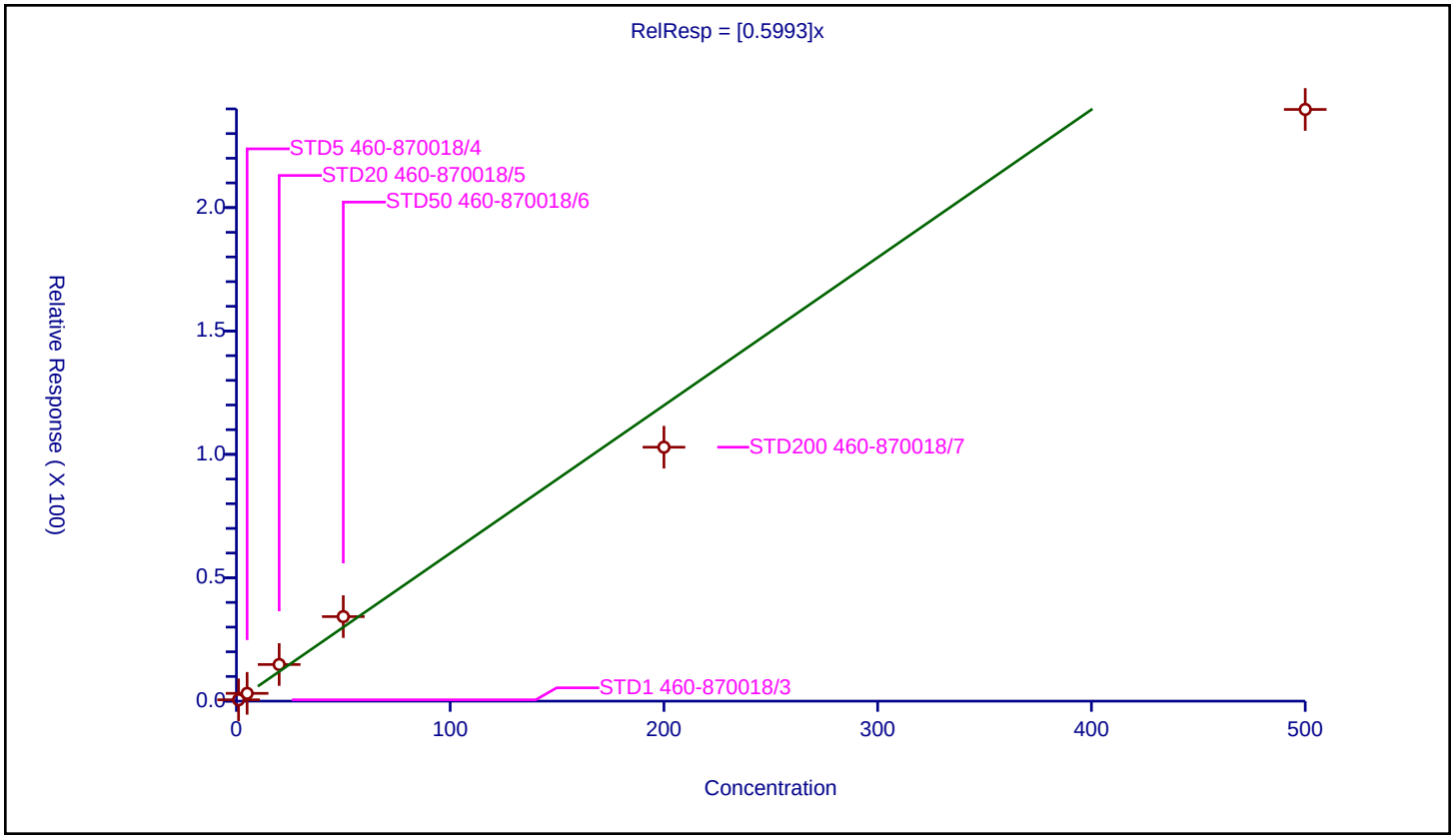
Curve Coefficients

Intercept:	0
Slope:	0.5993

Error Coefficients

Standard Error:	2370000
Relative Standard Error:	17.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.543386	50.0	633068.0	0.543386	Y
2	STD5 460-870018/4	5.0	3.154764	50.0	652537.0	0.630953	Y
3	STD20 460-870018/5	20.0	14.846008	50.0	700525.0	0.7423	Y
4	STD50 460-870018/6	50.0	34.248348	50.0	739624.0	0.684967	Y
5	STD200 460-870018/7	200.0	102.904144	50.0	871186.0	0.514521	Y
6	STD500 460-870018/8	500.0	239.772616	50.0	1031295.0	0.479545	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

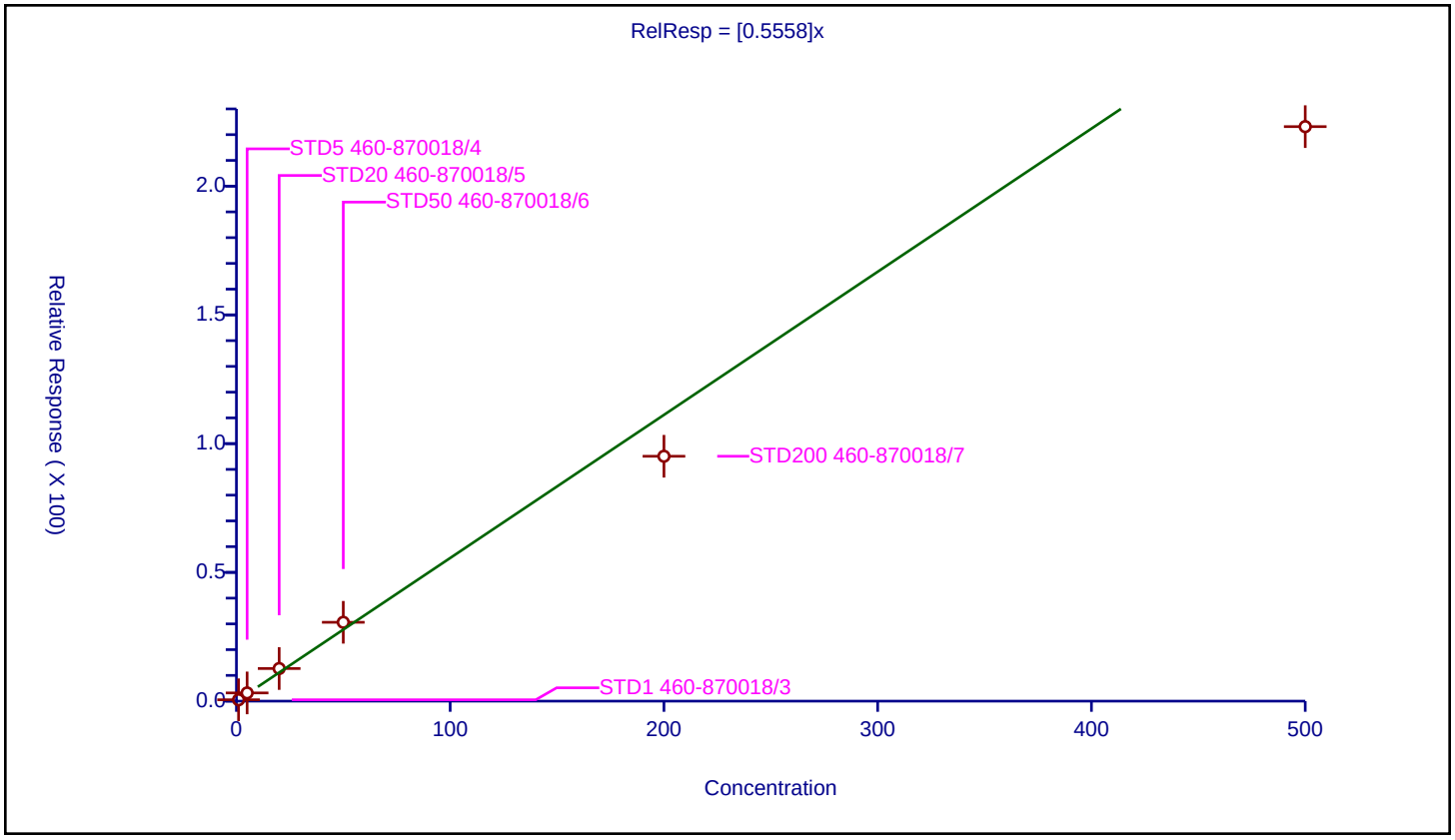
Curve Coefficients

Intercept:	0
Slope:	0.5558

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	15.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.529169	50.0	633068.0	0.529169	Y
2	STD5 460-870018/4	5.0	3.193612	50.0	652537.0	0.638722	Y
3	STD20 460-870018/5	20.0	12.661932	50.0	700525.0	0.633097	Y
4	STD50 460-870018/6	50.0	30.61657	50.0	739624.0	0.612331	Y
5	STD200 460-870018/7	200.0	95.102481	50.0	871186.0	0.475512	Y
6	STD500 460-870018/8	500.0	223.106677	50.0	1031295.0	0.446213	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

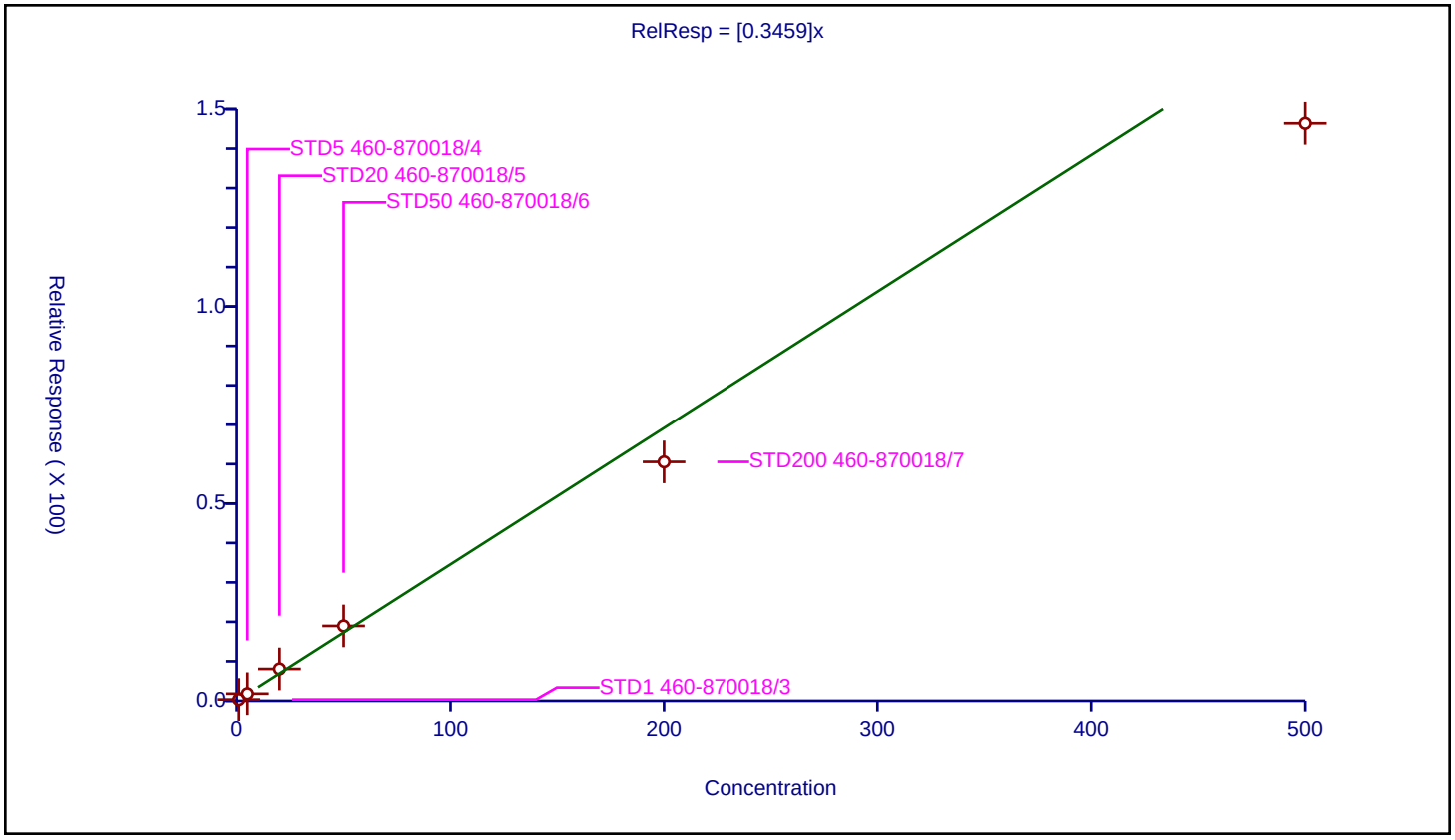
Curve Coefficients

Intercept:	0
Slope:	0.3459

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	12.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.336536	50.0	633068.0	0.336536	Y
2	STD5 460-870018/4	5.0	1.80143	50.0	652537.0	0.360286	Y
3	STD20 460-870018/5	20.0	8.07266	50.0	700525.0	0.403633	Y
4	STD50 460-870018/6	50.0	18.969503	50.0	739624.0	0.37939	Y
5	STD200 460-870018/7	200.0	60.566745	50.0	871186.0	0.302834	Y
6	STD500 460-870018/8	500.0	146.396327	50.0	1031295.0	0.292793	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

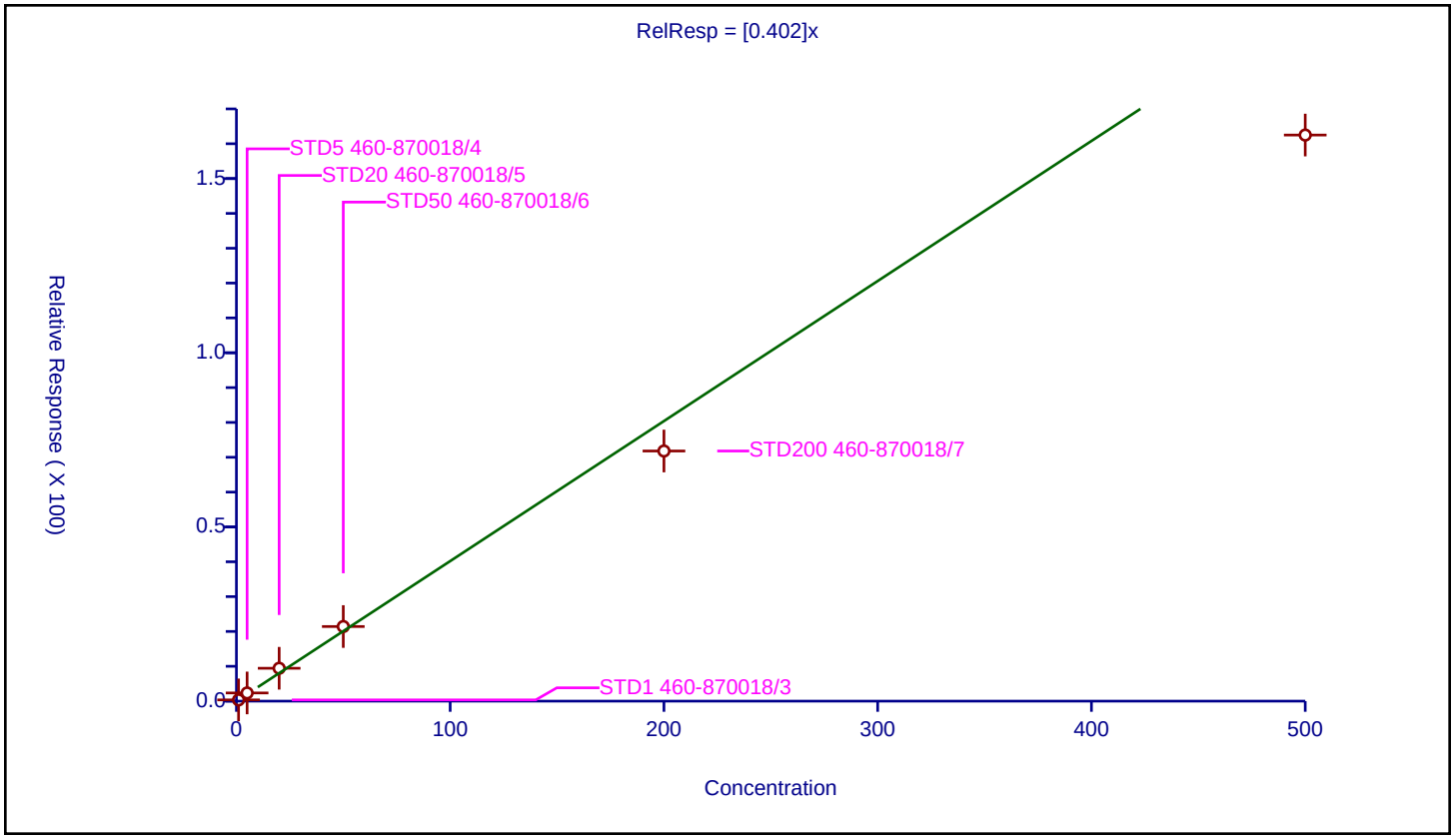
Curve Coefficients

Intercept:	0
Slope:	0.402

Error Coefficients

Standard Error:	1610000
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	STD1 460-870018/3	1.0	0.358018	50.0	633068.0	0.358018	Y
2	STD5 460-870018/4	5.0	2.348296	50.0	652537.0	0.469659	Y
3	STD20 460-870018/5	20.0	9.436922	50.0	700525.0	0.471846	Y
4	STD50 460-870018/6	50.0	21.416963	50.0	739624.0	0.428339	Y
5	STD200 460-870018/7	200.0	71.80229	50.0	871186.0	0.359011	Y
6	STD500 460-870018/8	500.0	162.490364	50.0	1031295.0	0.324981	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

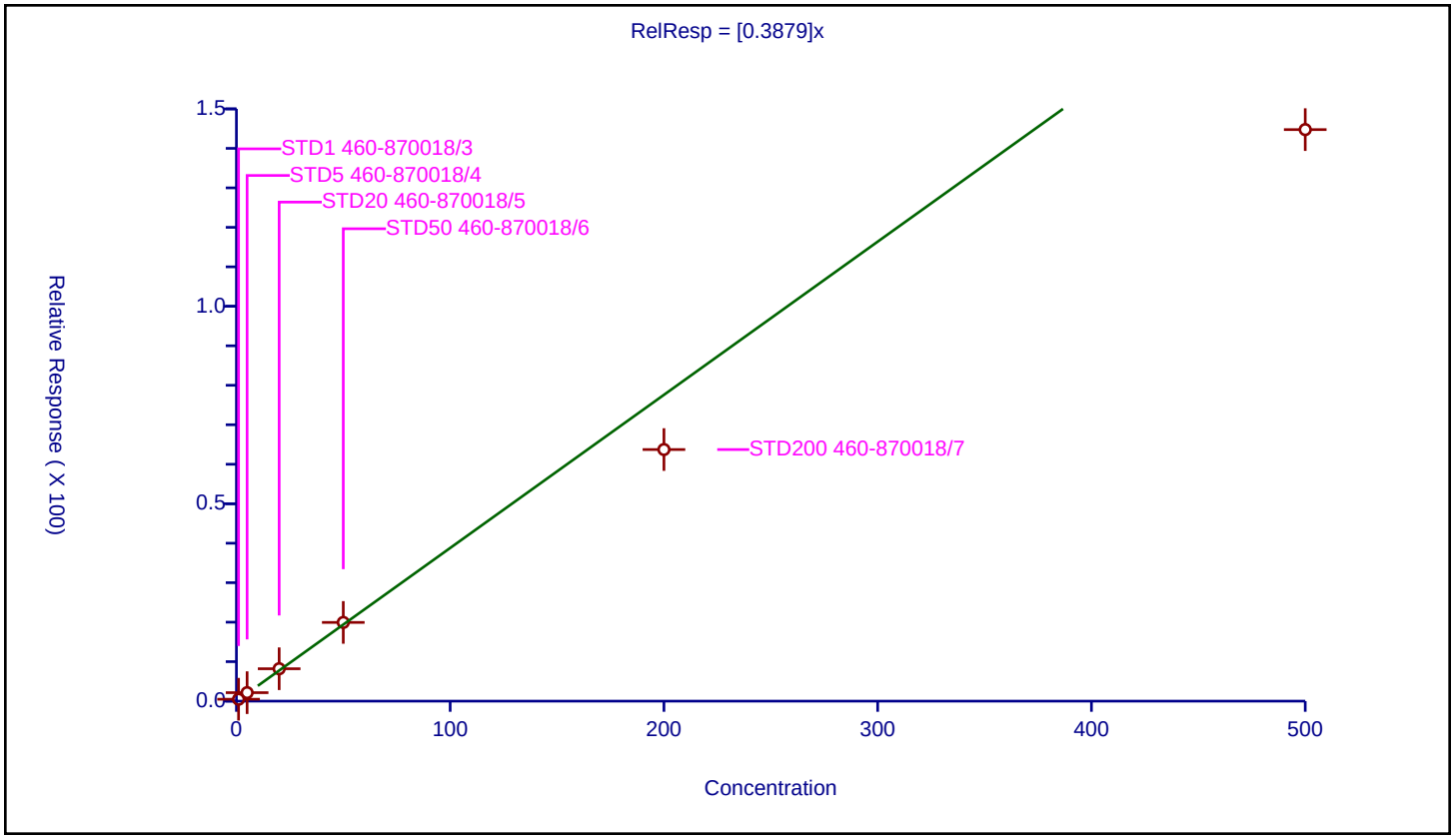
Curve Coefficients

Intercept:	0
Slope:	0.3879

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	18.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.480517	50.0	633068.0	0.480517	Y
2	STD5 460-870018/4	5.0	2.149074	50.0	652537.0	0.429815	Y
3	STD20 460-870018/5	20.0	8.20506	50.0	700525.0	0.410253	Y
4	STD50 460-870018/6	50.0	19.934724	50.0	739624.0	0.398694	Y
5	STD200 460-870018/7	200.0	63.72514	50.0	871186.0	0.318626	Y
6	STD500 460-870018/8	500.0	144.752956	50.0	1031295.0	0.289506	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

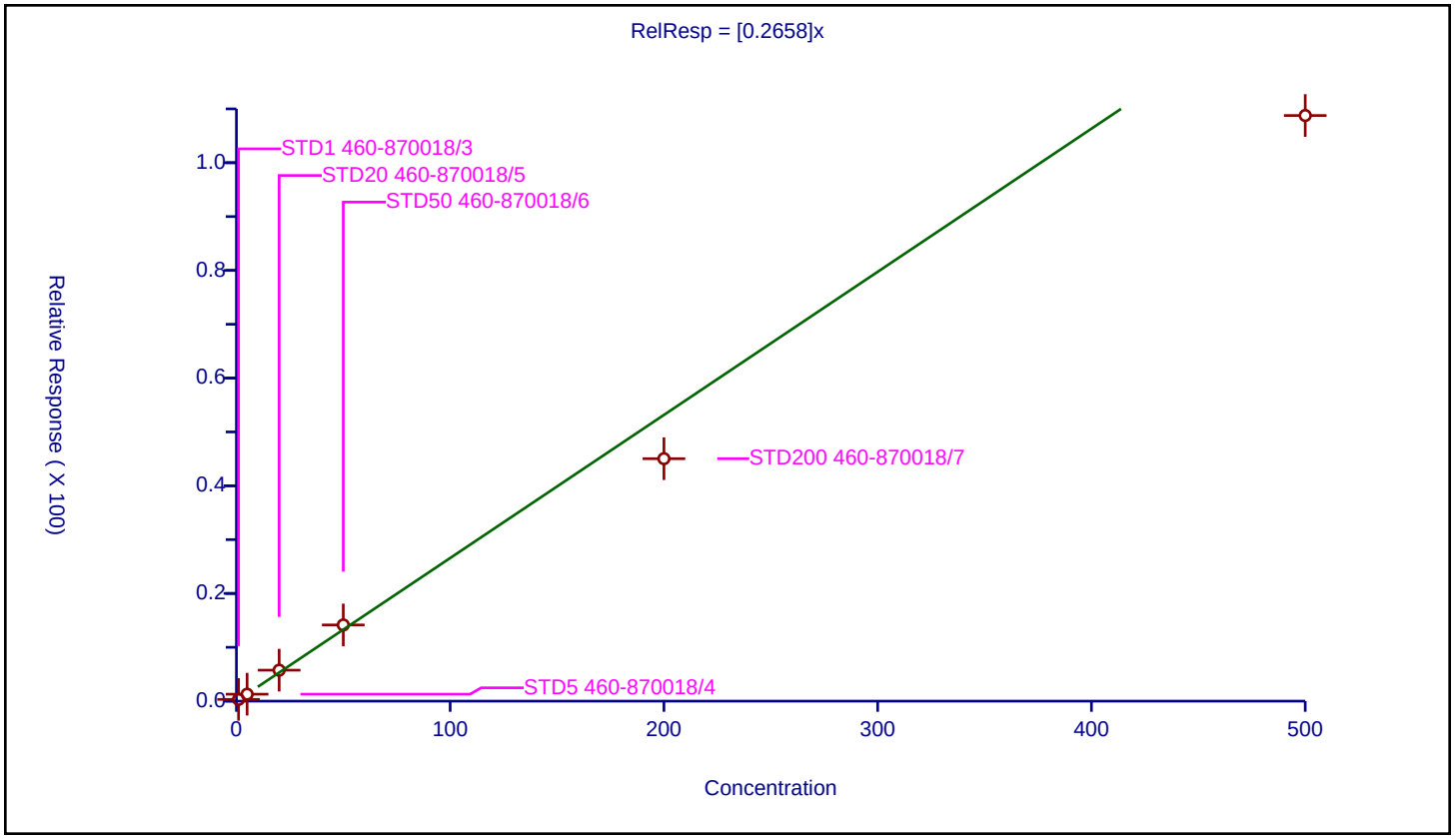
Curve Coefficients

Intercept:	0
Slope:	0.2658

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	15.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.324373	50.0	633068.0	0.324373	Y
2	STD5 460-870018/4	5.0	1.286287	50.0	652537.0	0.257257	Y
3	STD20 460-870018/5	20.0	5.751329	50.0	700525.0	0.287566	Y
4	STD50 460-870018/6	50.0	14.14827	50.0	739624.0	0.282965	Y
5	STD200 460-870018/7	200.0	45.031084	50.0	871186.0	0.225155	Y
6	STD500 460-870018/8	500.0	108.766163	50.0	1031295.0	0.217532	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

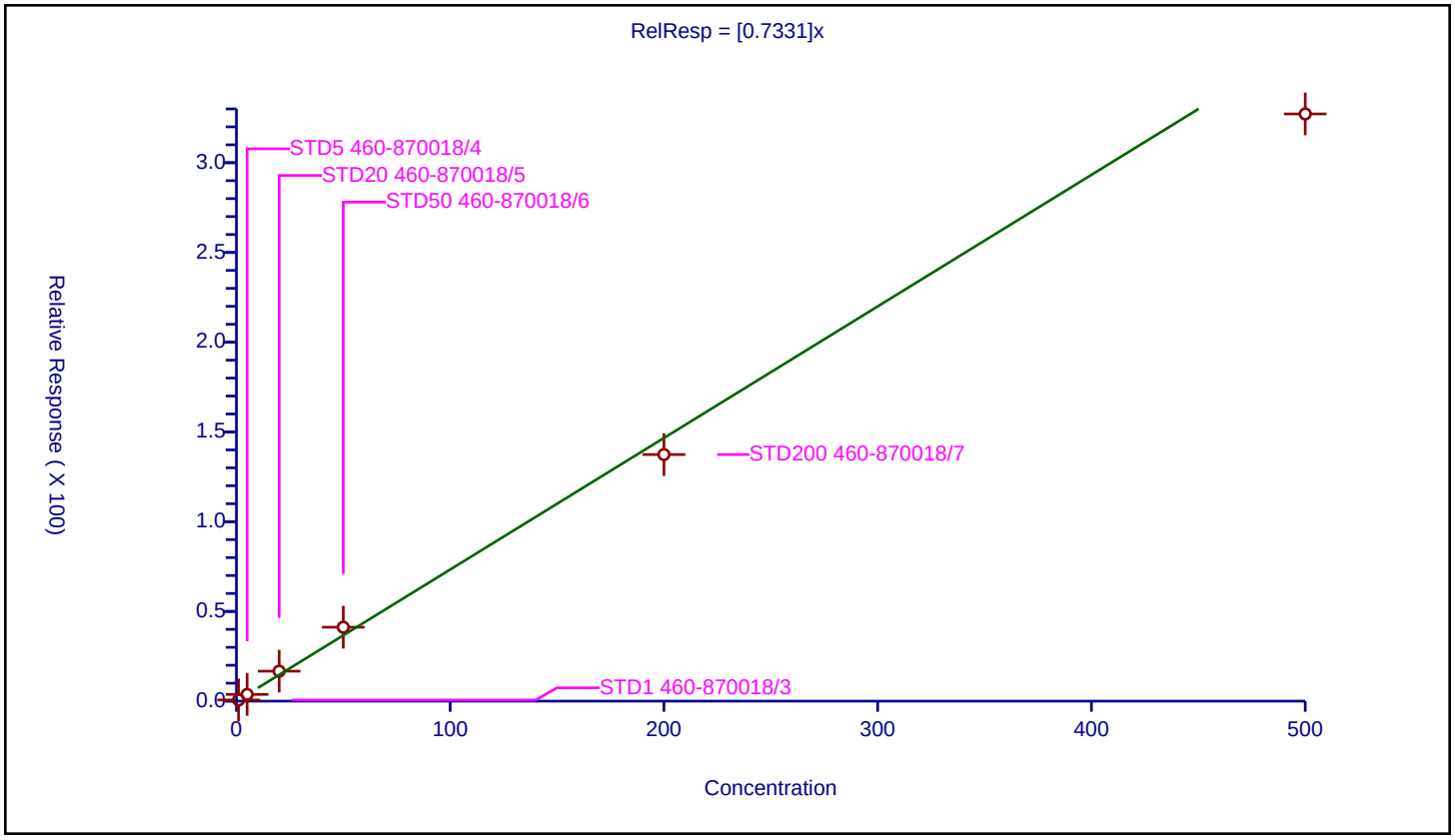
Curve Coefficients

Intercept:	0
Slope:	0.7331

Error Coefficients

Standard Error:	3220000
Relative Standard Error:	11.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.650404	50.0	633068.0	0.650404	Y
2	STD5 460-870018/4	5.0	3.741167	50.0	652537.0	0.748233	Y
3	STD20 460-870018/5	20.0	16.700403	50.0	700525.0	0.83502	Y
4	STD50 460-870018/6	50.0	41.187414	50.0	739624.0	0.823748	Y
5	STD200 460-870018/7	200.0	137.400509	50.0	871186.0	0.687003	Y
6	STD500 460-870018/8	500.0	327.193965	50.0	1031295.0	0.654388	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

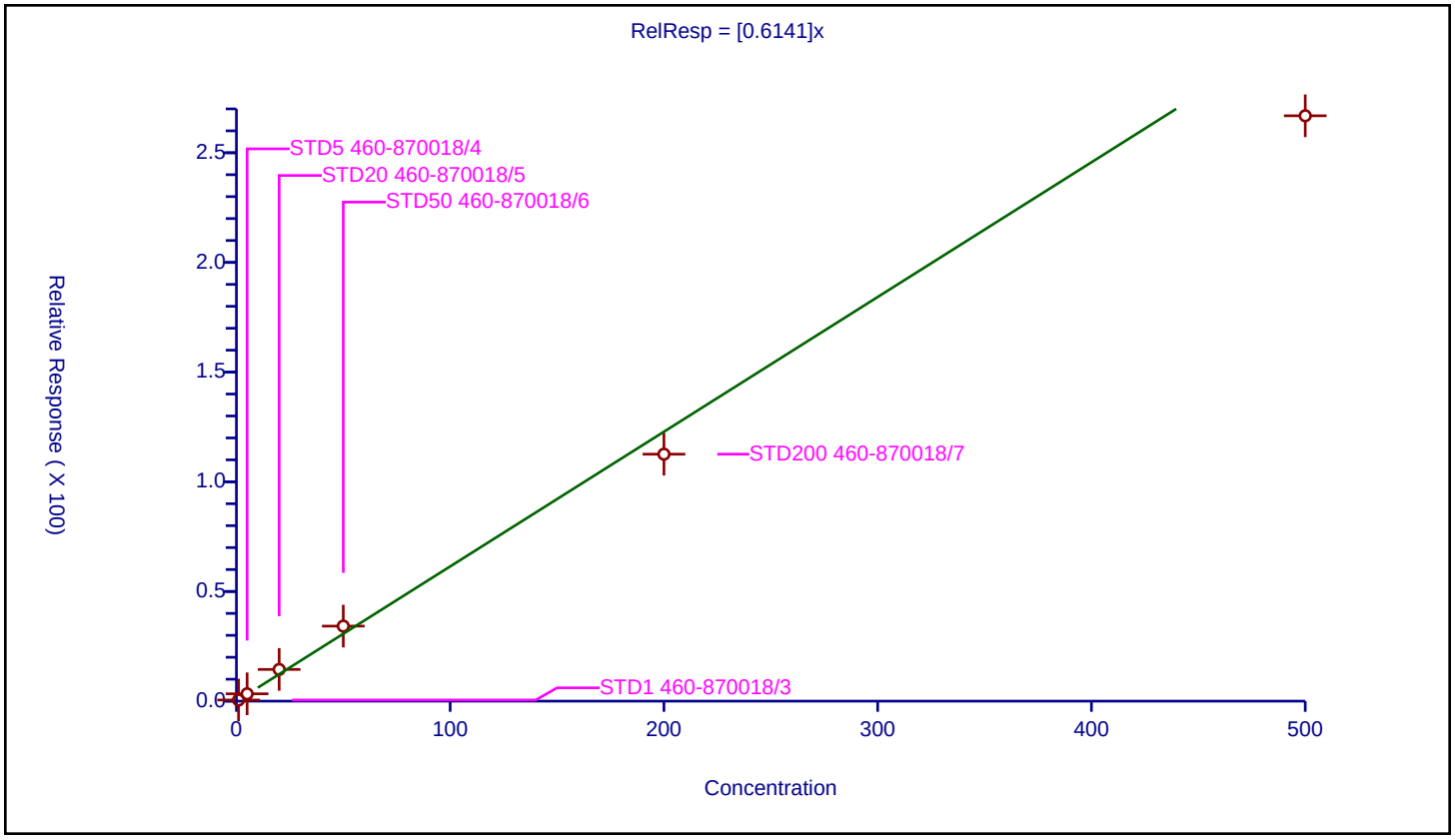
Curve Coefficients

Intercept:	0
Slope:	0.6141

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	14.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.512267	50.0	633068.0	0.512267	Y
2	STD5 460-870018/4	5.0	3.344255	50.0	652537.0	0.668851	Y
3	STD20 460-870018/5	20.0	14.453588	50.0	700525.0	0.722679	Y
4	STD50 460-870018/6	50.0	34.216305	50.0	739624.0	0.684326	Y
5	STD200 460-870018/7	200.0	112.583249	50.0	871186.0	0.562916	Y
6	STD500 460-870018/8	500.0	266.855749	50.0	1031295.0	0.533711	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

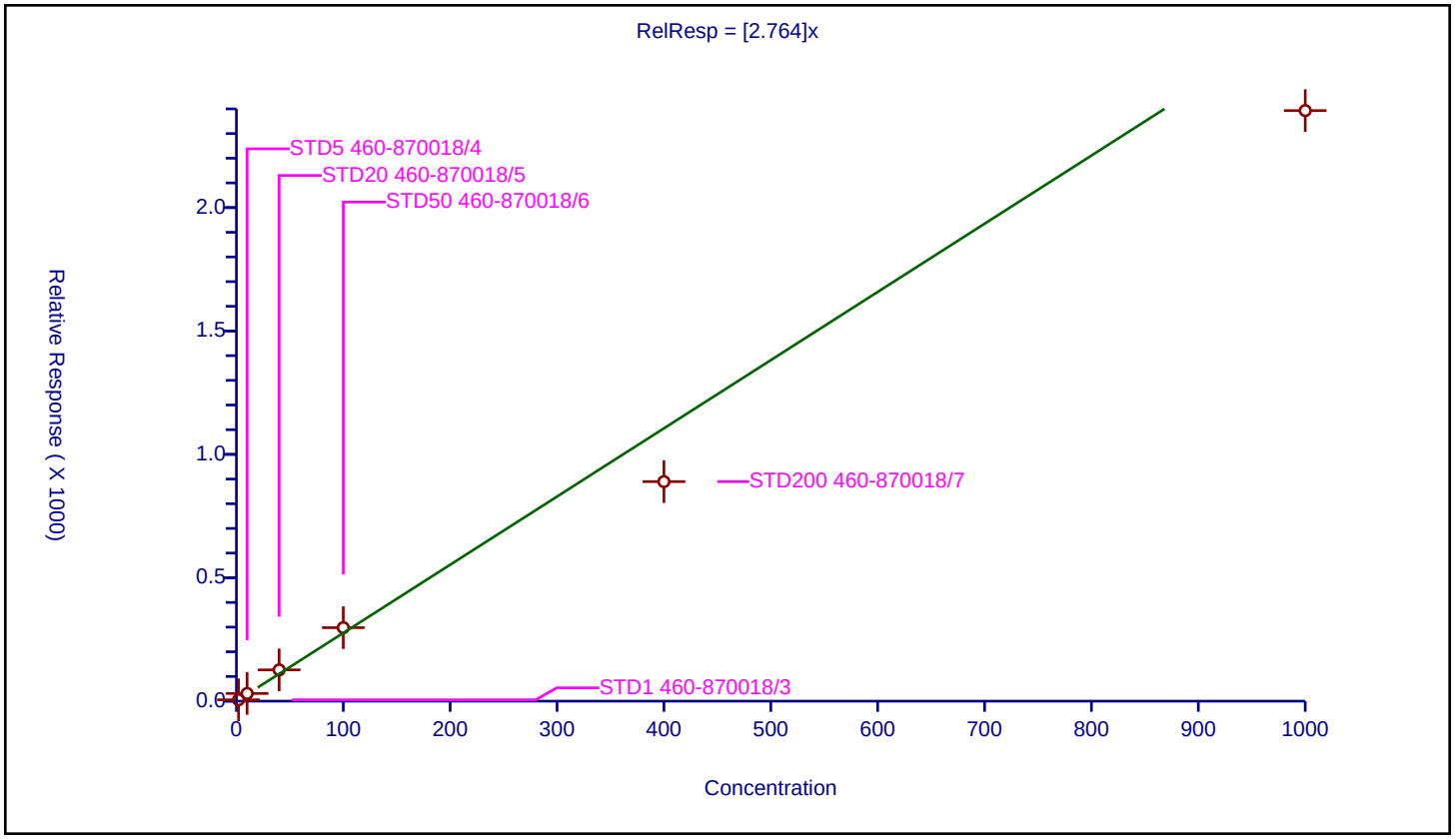
Curve Coefficients

Intercept:	0
Slope:	2.764

Error Coefficients

Standard Error:	542000
Relative Standard Error:	14.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	2.0	5.407835	1000.0	295867.0	2.703918	Y
2	STD5 460-870018/4	10.0	31.164122	1000.0	279103.0	3.116412	Y
3	STD20 460-870018/5	40.0	126.685977	1000.0	303459.0	3.167149	Y
4	STD50 460-870018/6	100.0	297.761608	1000.0	328182.0	2.977616	Y
5	STD200 460-870018/7	400.0	889.645028	1000.0	413357.0	2.224113	Y
6	STD500 460-870018/8	1000.0	2392.944256	1000.0	482132.0	2.392944	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

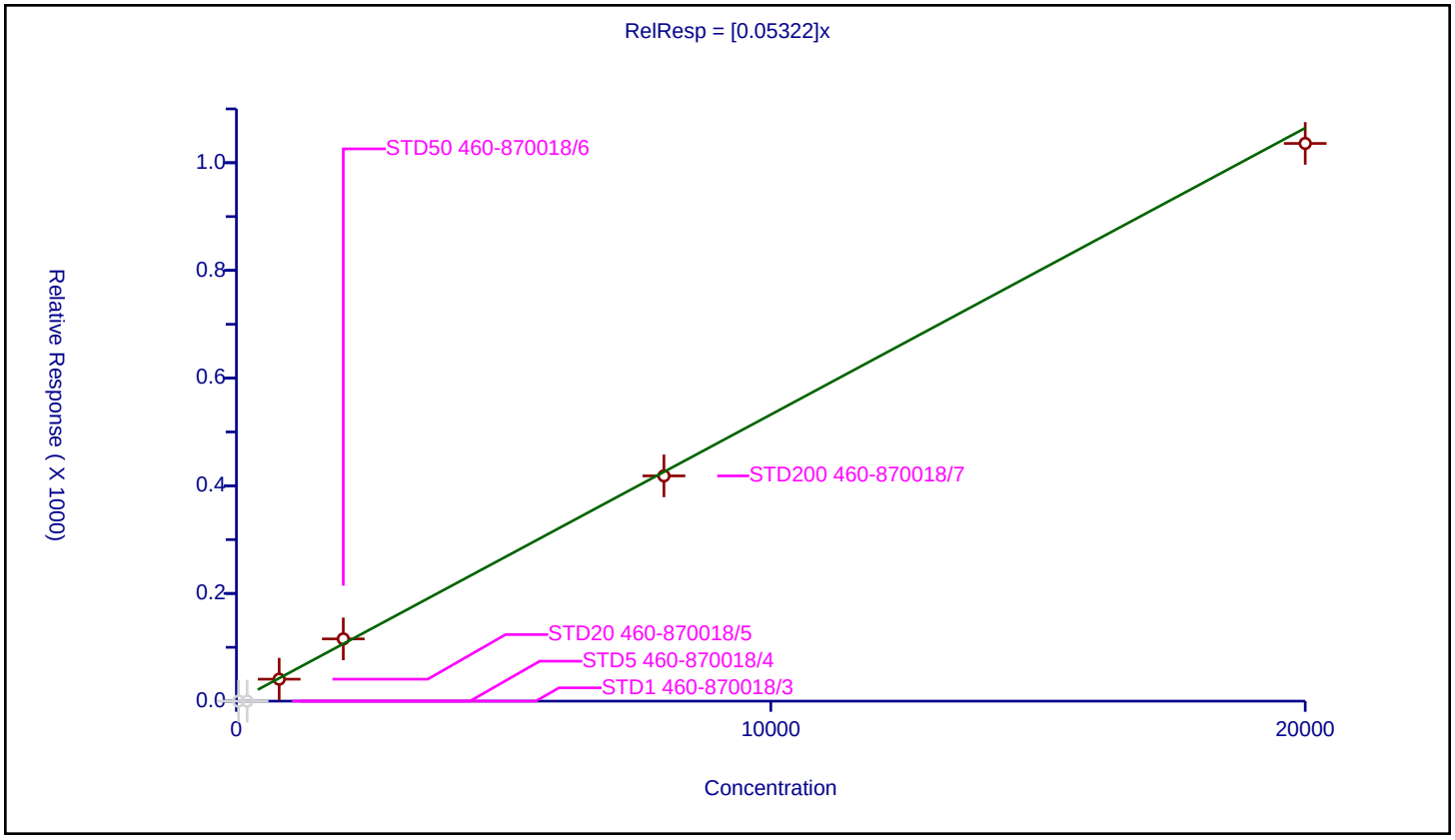
Curve Coefficients

Intercept:	0
Slope:	0.05322

Error Coefficients

Standard Error:	305000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	40.0	0.0	1000.0	295867.0	0.0	N
2	STD5 460-870018/4	200.0	0.0	1000.0	279103.0	0.0	N
3	STD20 460-870018/5	800.0	40.809467	1000.0	303459.0	0.051012	Y
4	STD50 460-870018/6	2000.0	115.570019	1000.0	328182.0	0.057785	Y
5	STD200 460-870018/7	8000.0	418.388947	1000.0	413357.0	0.052299	Y
6	STD500 460-870018/8	20000.0	1035.851178	1000.0	482132.0	0.051793	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

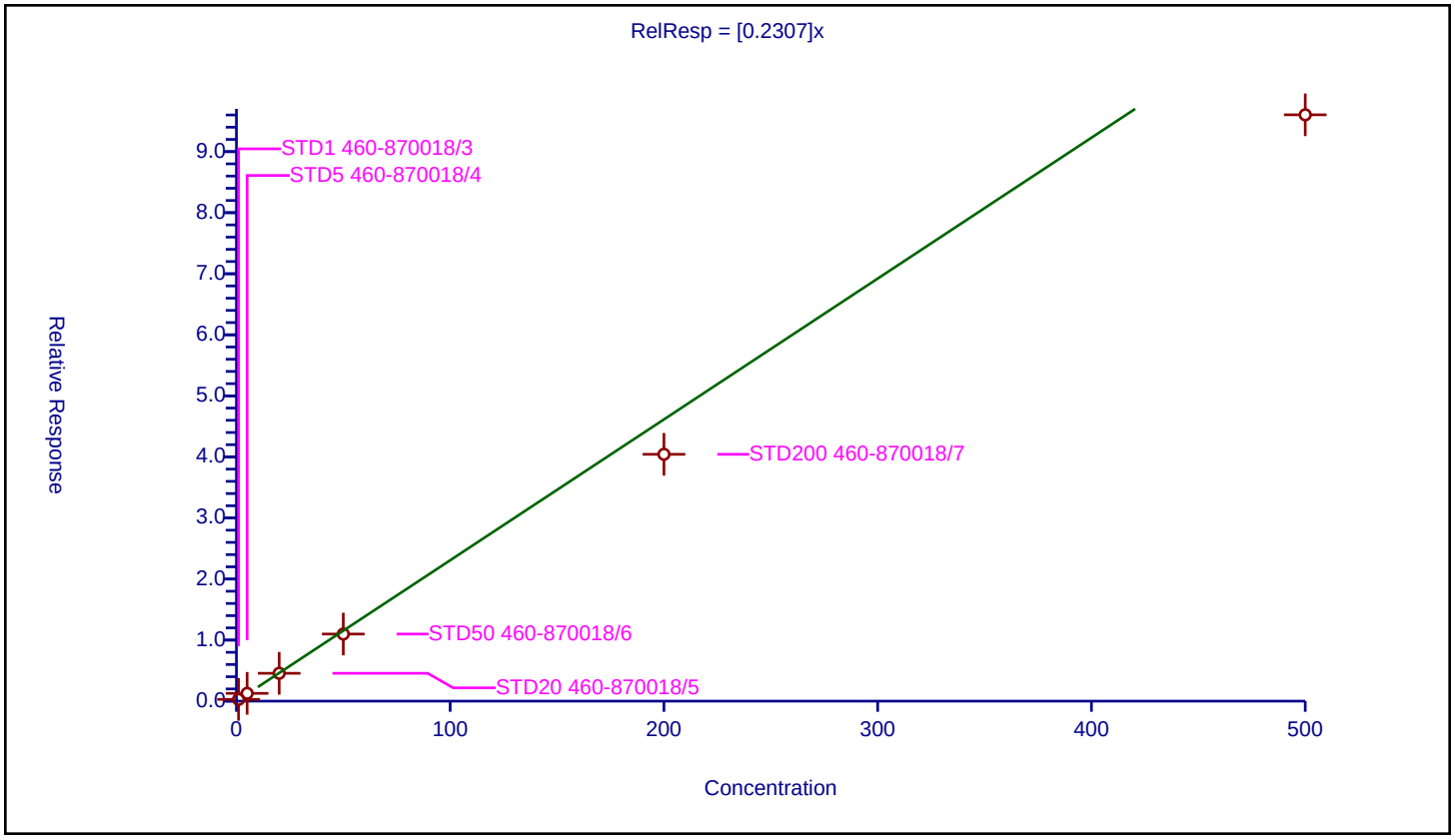
Curve Coefficients

Intercept:	0
Slope:	0.2307

Error Coefficients

Standard Error:	943000
Relative Standard Error:	15.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.286936	50.0	633068.0	0.286936	Y
2	STD5 460-870018/4	5.0	1.276096	50.0	652537.0	0.255219	Y
3	STD20 460-870018/5	20.0	4.560294	50.0	700525.0	0.228015	Y
4	STD50 460-870018/6	50.0	10.991598	50.0	739624.0	0.219832	Y
5	STD200 460-870018/7	200.0	40.428623	50.0	871186.0	0.202143	Y
6	STD500 460-870018/8	500.0	96.029507	50.0	1031295.0	0.192059	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

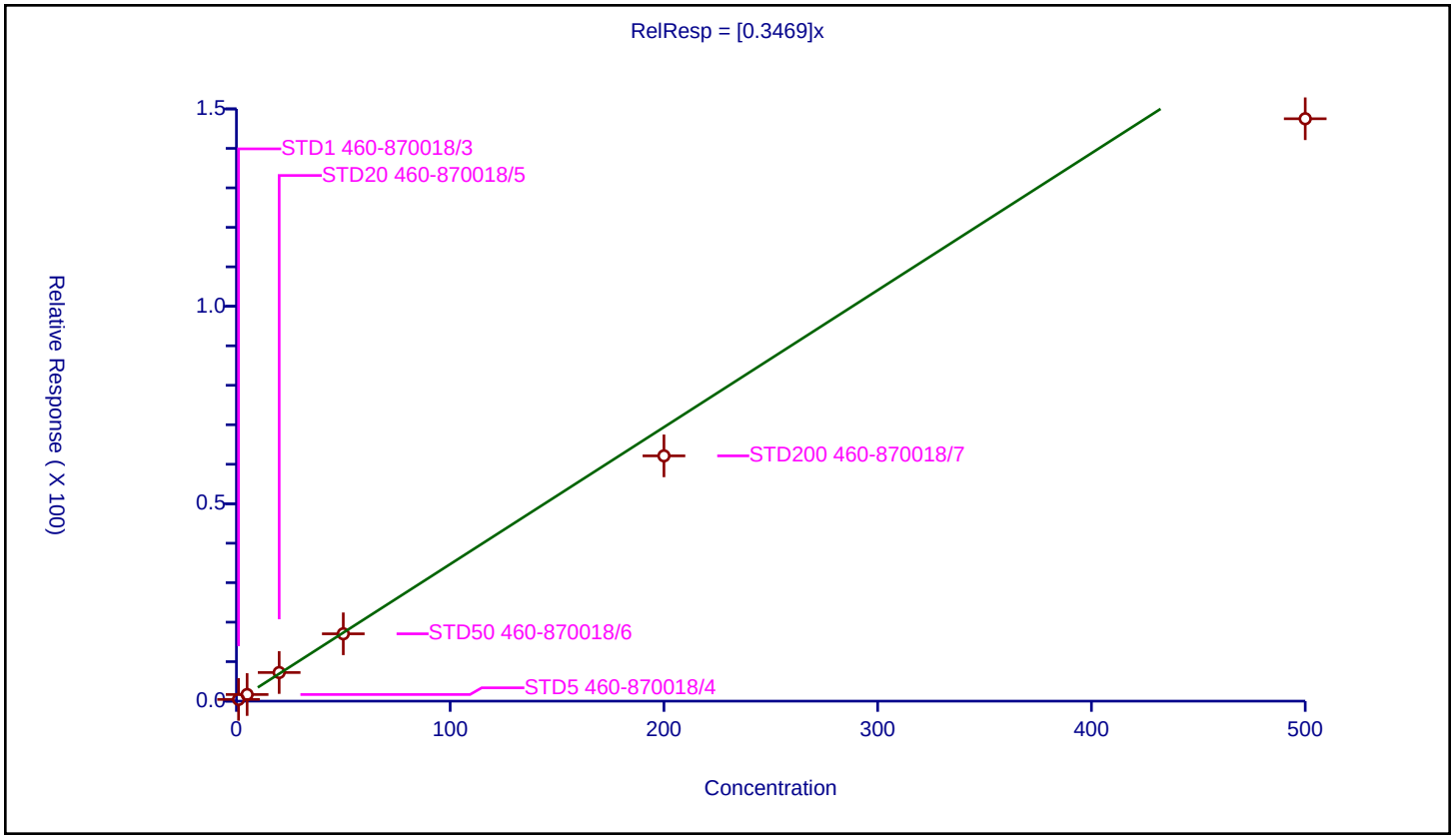
Curve Coefficients

Intercept:	0
Slope:	0.3469

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	14.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.437473	50.0	633068.0	0.437473	Y
2	STD5 460-870018/4	5.0	1.675307	50.0	652537.0	0.335061	Y
3	STD20 460-870018/5	20.0	7.247422	50.0	700525.0	0.362371	Y
4	STD50 460-870018/6	50.0	17.056707	50.0	739624.0	0.341134	Y
5	STD200 460-870018/7	200.0	62.125998	50.0	871186.0	0.31063	Y
6	STD500 460-870018/8	500.0	147.502121	50.0	1031295.0	0.295004	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

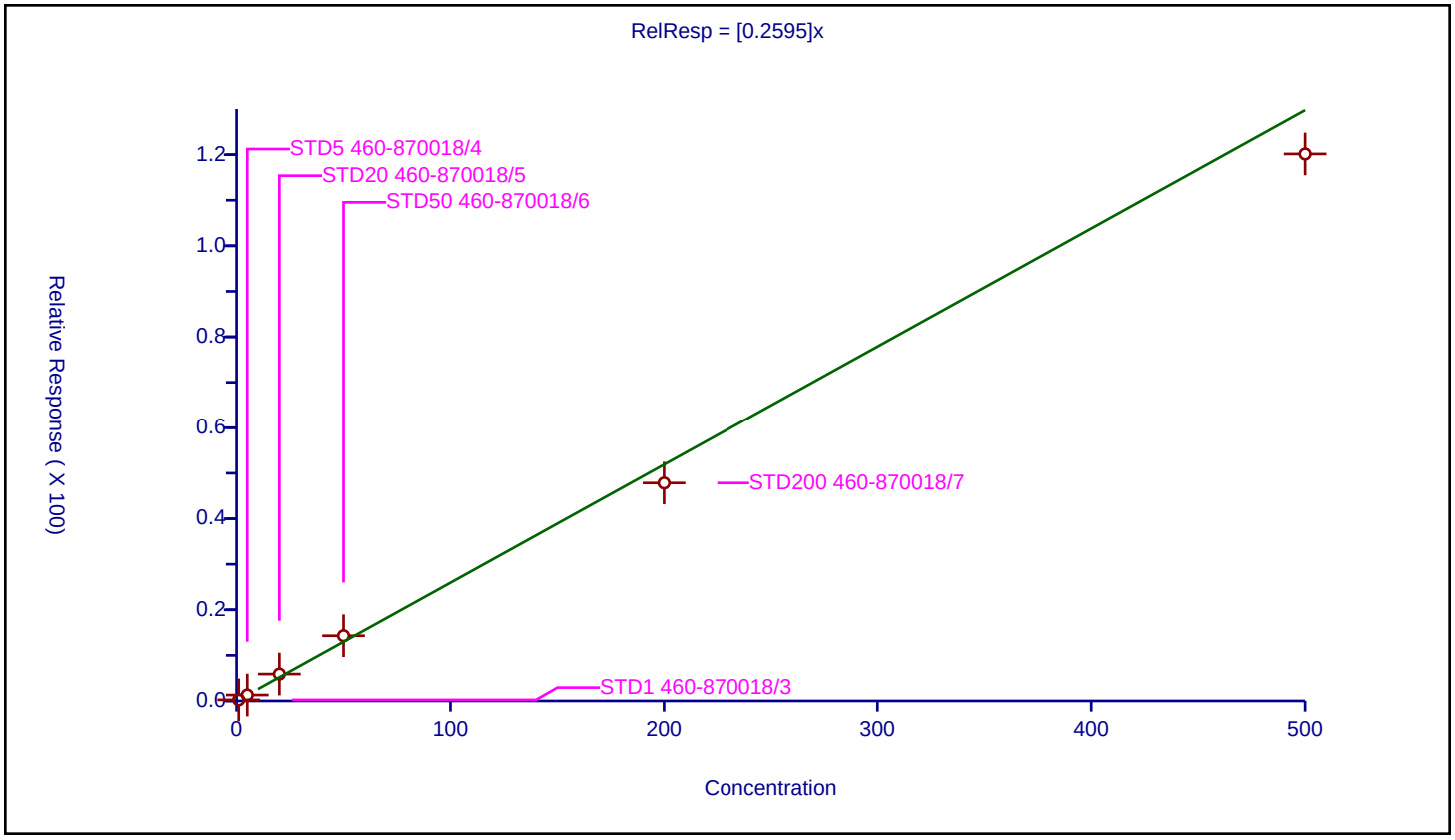
Curve Coefficients

Intercept:	0
Slope:	0.2595

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	9.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.236389	50.0	633068.0	0.236389	Y
2	STD5 460-870018/4	5.0	1.301689	50.0	652537.0	0.260338	Y
3	STD20 460-870018/5	20.0	5.894936	50.0	700525.0	0.294747	Y
4	STD50 460-870018/6	50.0	14.30105	50.0	739624.0	0.286021	Y
5	STD200 460-870018/7	200.0	47.847015	50.0	871186.0	0.239235	Y
6	STD500 460-870018/8	500.0	120.152478	50.0	1031295.0	0.240305	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

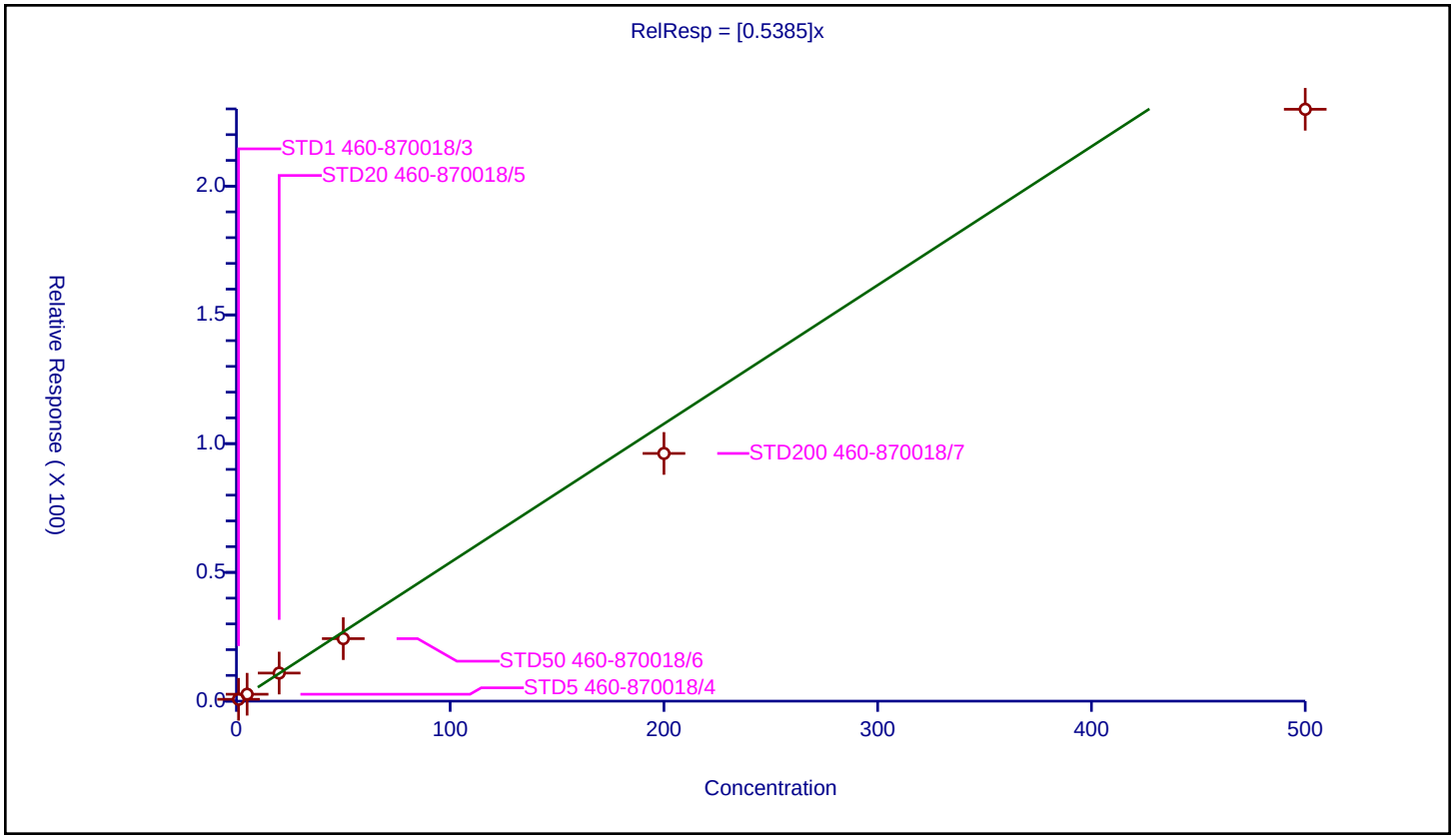
Curve Coefficients

Intercept:	0
Slope:	0.5385

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	17.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.723382	50.0	633068.0	0.723382	Y
2	STD5 460-870018/4	5.0	2.680614	50.0	652537.0	0.536123	Y
3	STD20 460-870018/5	20.0	10.90632	50.0	700525.0	0.545316	Y
4	STD50 460-870018/6	50.0	24.271319	50.0	739624.0	0.485426	Y
5	STD200 460-870018/7	200.0	96.193121	50.0	871186.0	0.480966	Y
6	STD500 460-870018/8	500.0	229.842286	50.0	1031295.0	0.459685	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

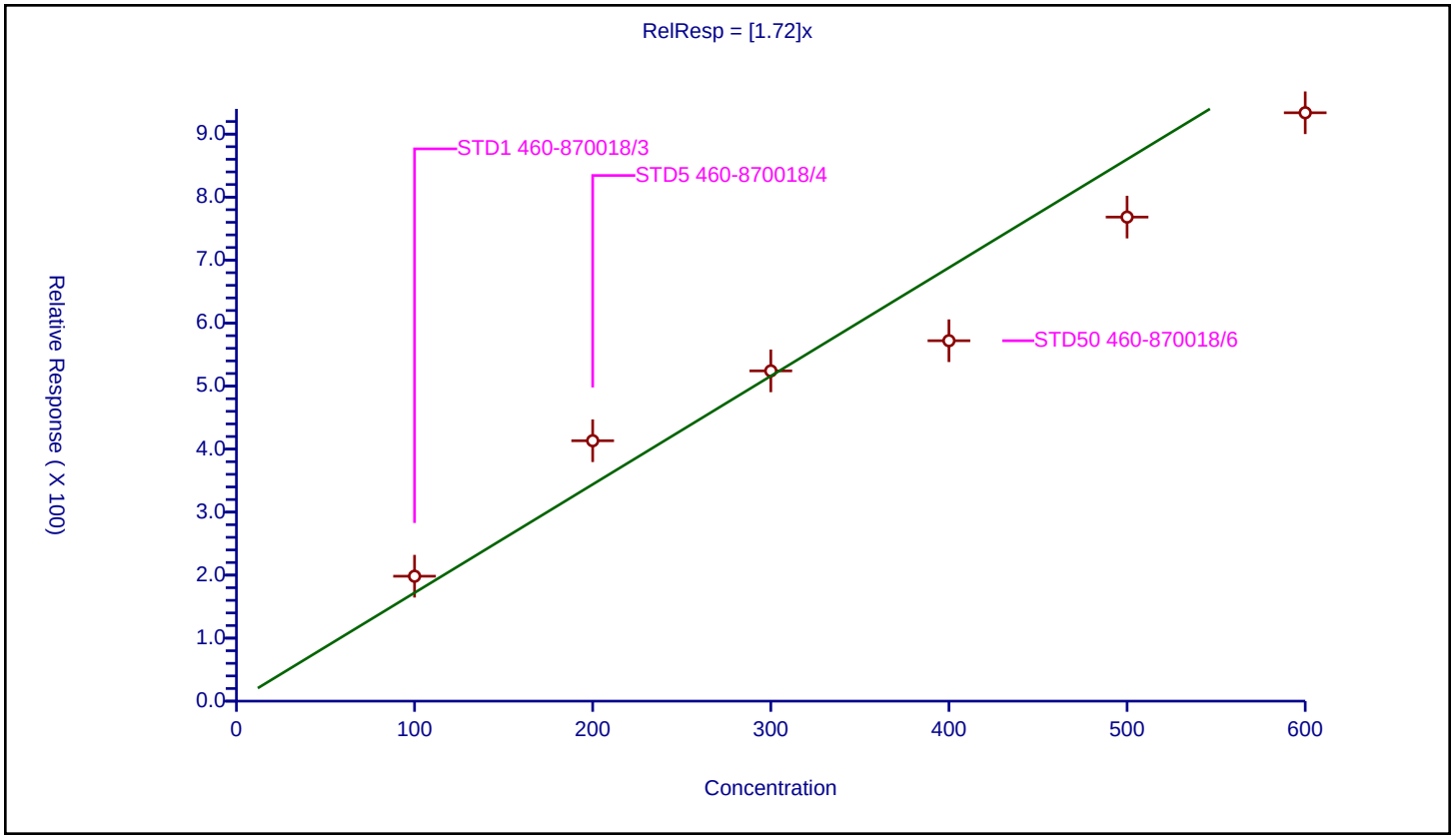
Curve Coefficients

Intercept:	0
Slope:	1.72

Error Coefficients

Standard Error:	275000
Relative Standard Error:	15.0
Correlation Coefficient:	0.923
Coefficient of Determination (Adjusted):	0.923

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	100.0	198.29518	1000.0	295867.0	1.982952	Y
2	STD5 460-870018/4	200.0	413.334862	1000.0	279103.0	2.066674	Y
3	STD20 460-870018/5	300.0	524.182839	1000.0	303459.0	1.747276	Y
4	STD50 460-870018/6	400.0	572.069766	1000.0	328182.0	1.430174	Y
5	STD200 460-870018/7	500.0	768.282623	1000.0	413357.0	1.536565	Y
6	STD500 460-870018/8	600.0	933.87703	1000.0	482132.0	1.556462	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

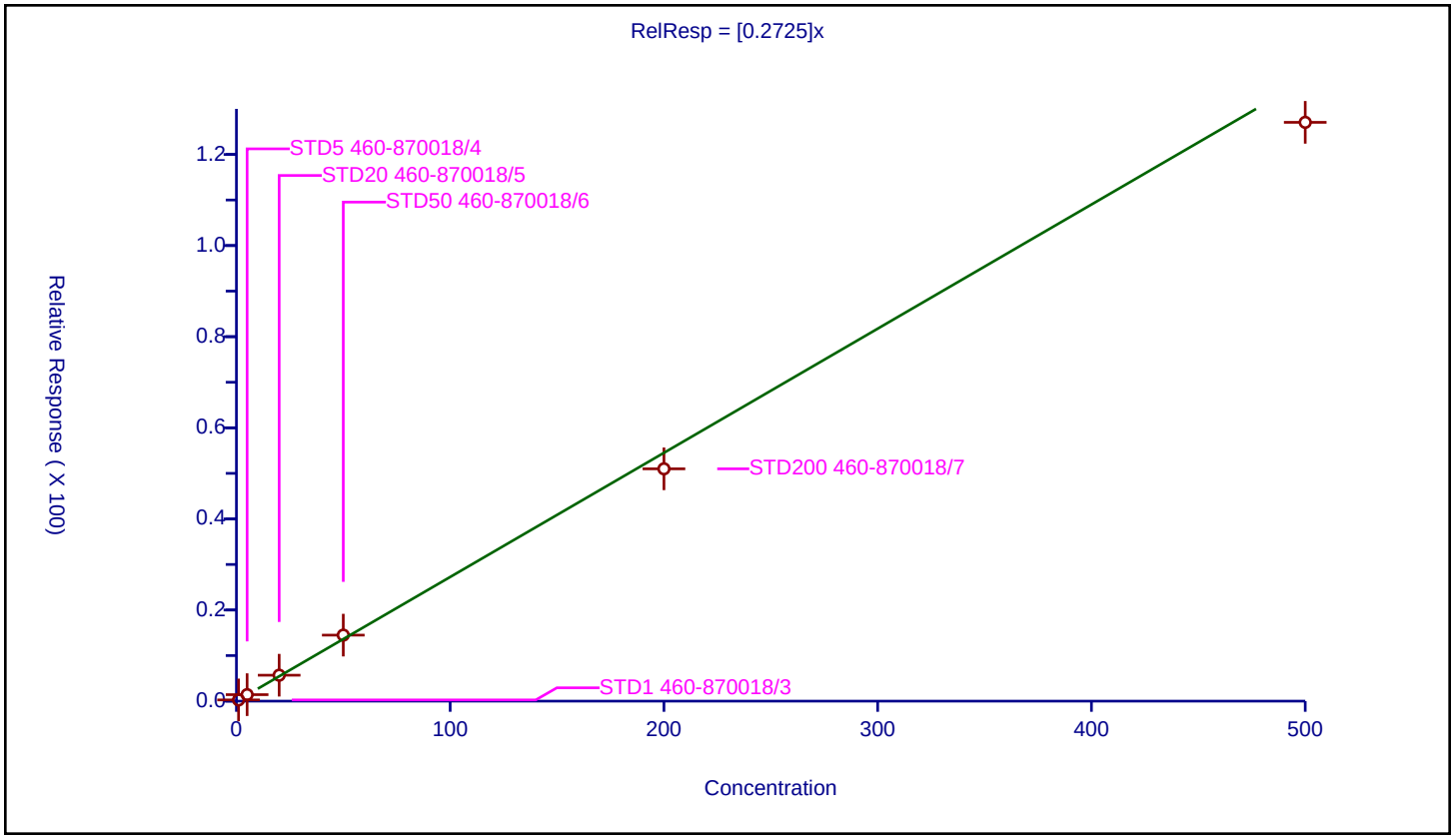
Curve Coefficients

Intercept:	0
Slope:	0.2725

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.266954	50.0	633068.0	0.266954	Y
2	STD5 460-870018/4	5.0	1.423597	50.0	652537.0	0.284719	Y
3	STD20 460-870018/5	20.0	5.692445	50.0	700525.0	0.284622	Y
4	STD50 460-870018/6	50.0	14.490944	50.0	739624.0	0.289819	Y
5	STD200 460-870018/7	200.0	50.994736	50.0	871186.0	0.254974	Y
6	STD500 460-870018/8	500.0	127.047402	50.0	1031295.0	0.254095	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

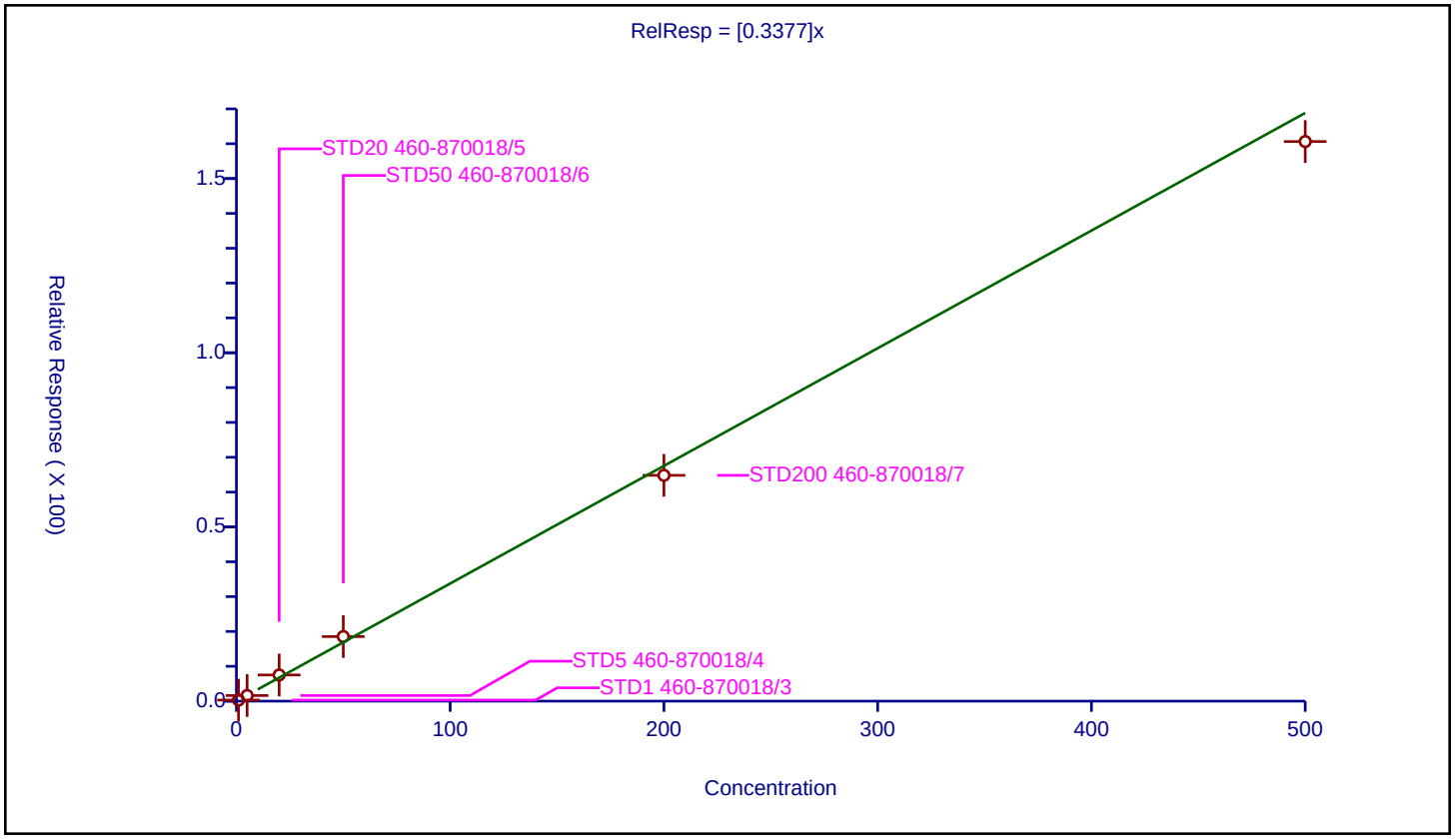
Curve Coefficients

Intercept:	0
Slope:	0.3377

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.312368	50.0	633068.0	0.312368	Y
2	STD5 460-870018/4	5.0	1.610483	50.0	652537.0	0.322097	Y
3	STD20 460-870018/5	20.0	7.508654	50.0	700525.0	0.375433	Y
4	STD50 460-870018/6	50.0	18.538068	50.0	739624.0	0.370761	Y
5	STD200 460-870018/7	200.0	64.817444	50.0	871186.0	0.324087	Y
6	STD500 460-870018/8	500.0	160.62373	50.0	1031295.0	0.321247	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

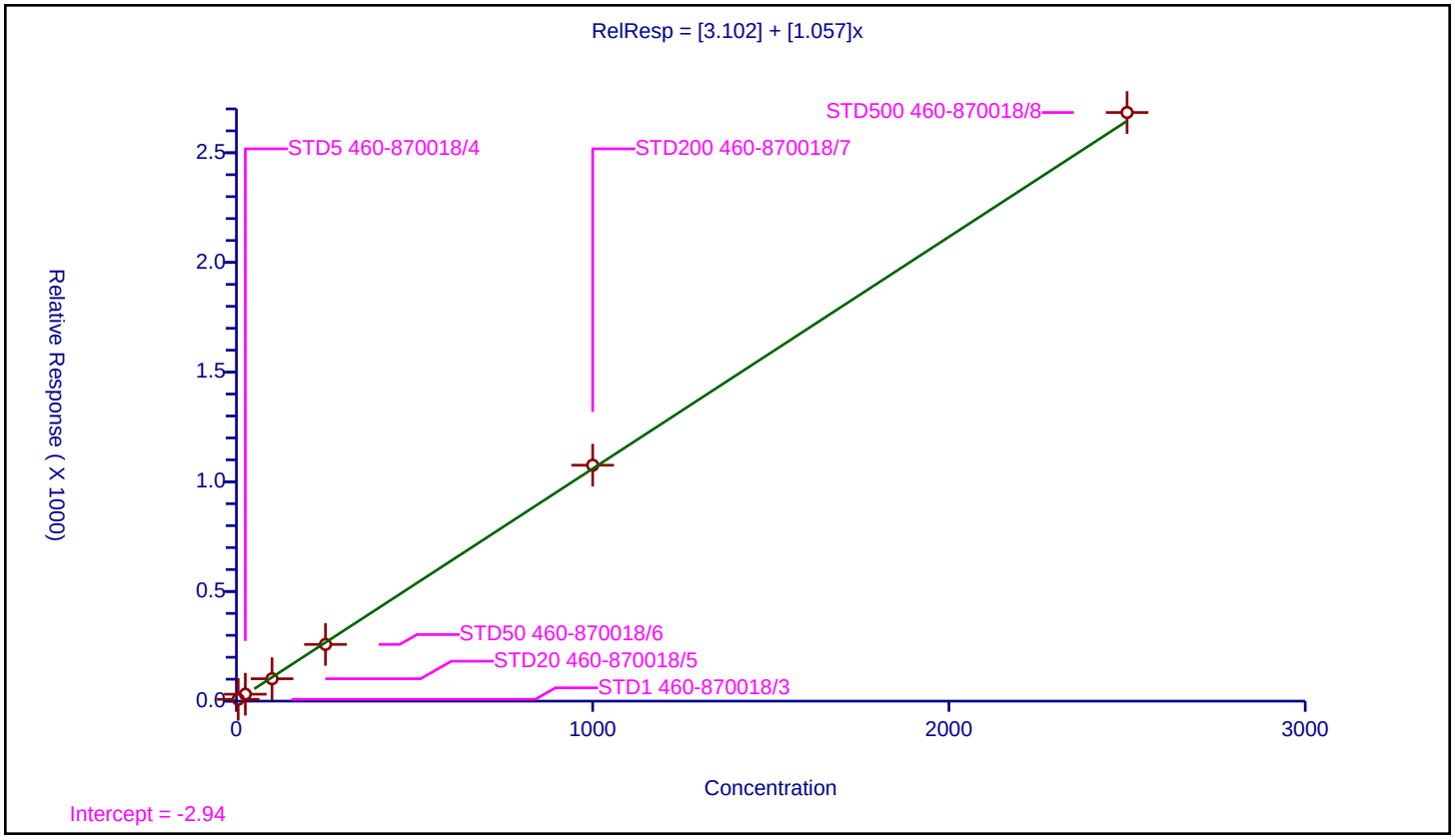
Curve Coefficients

Intercept:	3.102
Slope:	1.057

Error Coefficients

Standard Error:	2420000
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	STD1 460-870018/3	5.0	8.321038	250.0	241286.0	1.664208	Y
2	STD5 460-870018/4	25.0	31.63449	250.0	241635.0	1.26538	Y
3	STD20 460-870018/5	100.0	102.017128	250.0	267286.0	1.020171	Y
4	STD50 460-870018/6	250.0	258.524878	250.0	297189.0	1.0341	Y
5	STD200 460-870018/7	1000.0	1075.634861	250.0	358307.0	1.075635	Y
6	STD500 460-870018/8	2500.0	2683.567978	250.0	426673.0	1.073427	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

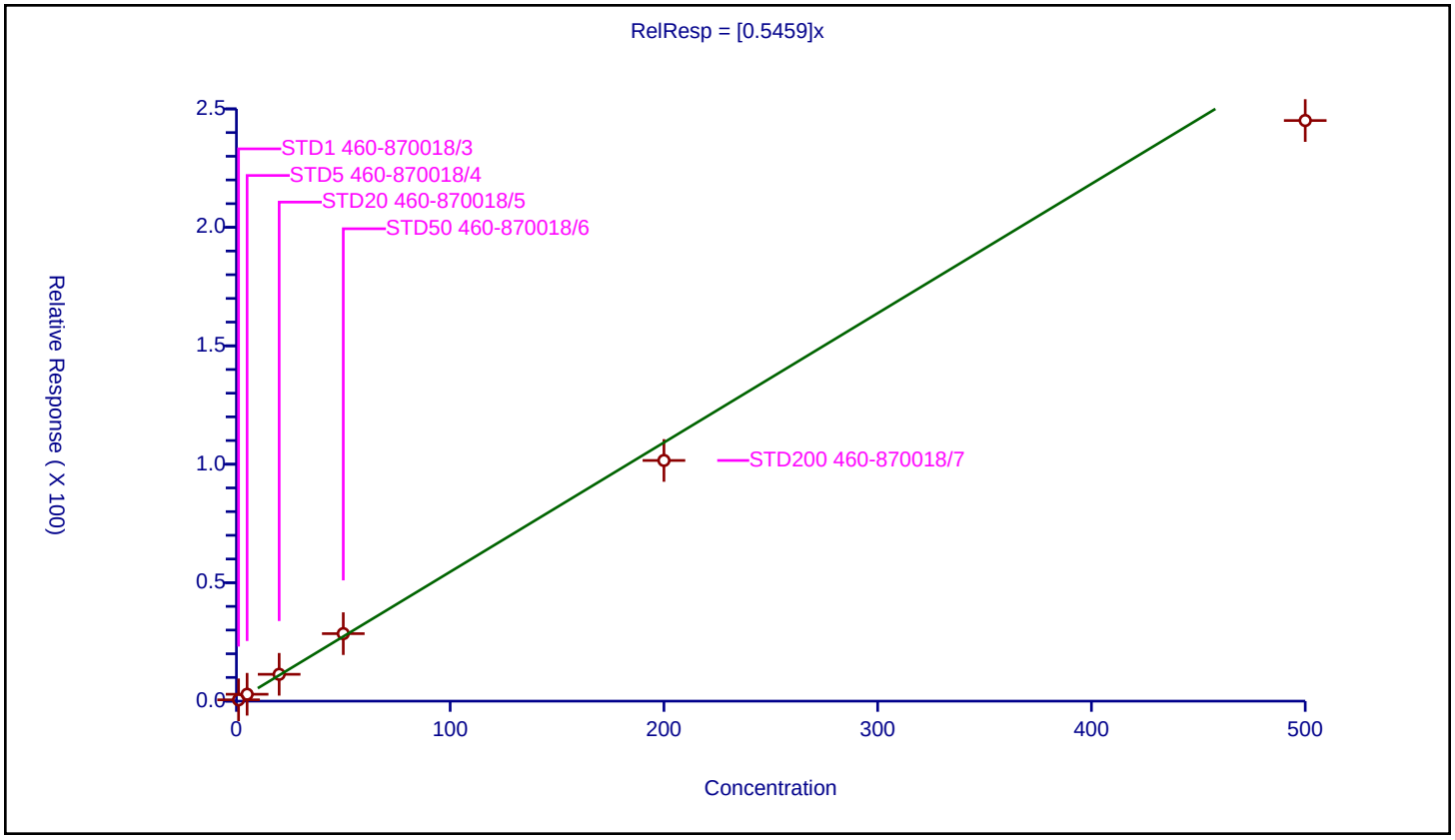
Curve Coefficients

Intercept:	0
Slope:	0.5459

Error Coefficients

Standard Error:	2400000
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	STD1 460-870018/3	1.0	0.559656	50.0	633068.0	0.559656	Y
2	STD5 460-870018/4	5.0	2.906578	50.0	652537.0	0.581316	Y
3	STD20 460-870018/5	20.0	11.322865	50.0	700525.0	0.566143	Y
4	STD50 460-870018/6	50.0	28.497115	50.0	739624.0	0.569942	Y
5	STD200 460-870018/7	200.0	101.594263	50.0	871186.0	0.507971	Y
6	STD500 460-870018/8	500.0	245.088117	50.0	1031295.0	0.490176	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

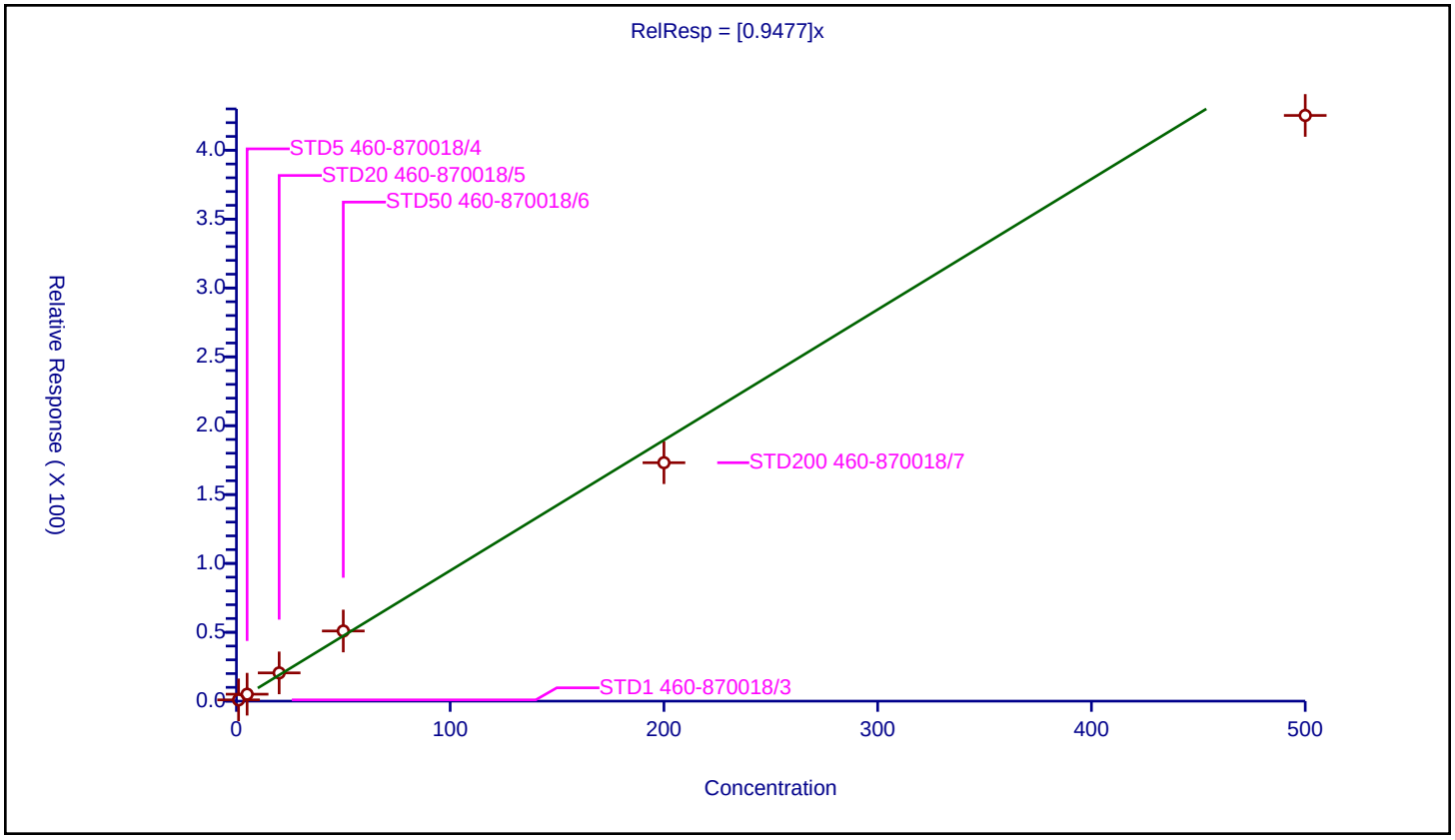
Curve Coefficients

Intercept:	0
Slope:	0.9477

Error Coefficients

Standard Error:	4160000
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	STD1 460-870018/3	1.0	0.916963	50.0	633068.0	0.916963	Y
2	STD5 460-870018/4	5.0	5.046381	50.0	652537.0	1.009276	Y
3	STD20 460-870018/5	20.0	20.503051	50.0	700525.0	1.025153	Y
4	STD50 460-870018/6	50.0	50.930811	50.0	739624.0	1.018616	Y
5	STD200 460-870018/7	200.0	173.118944	50.0	871186.0	0.865595	Y
6	STD500 460-870018/8	500.0	425.248013	50.0	1031295.0	0.850496	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

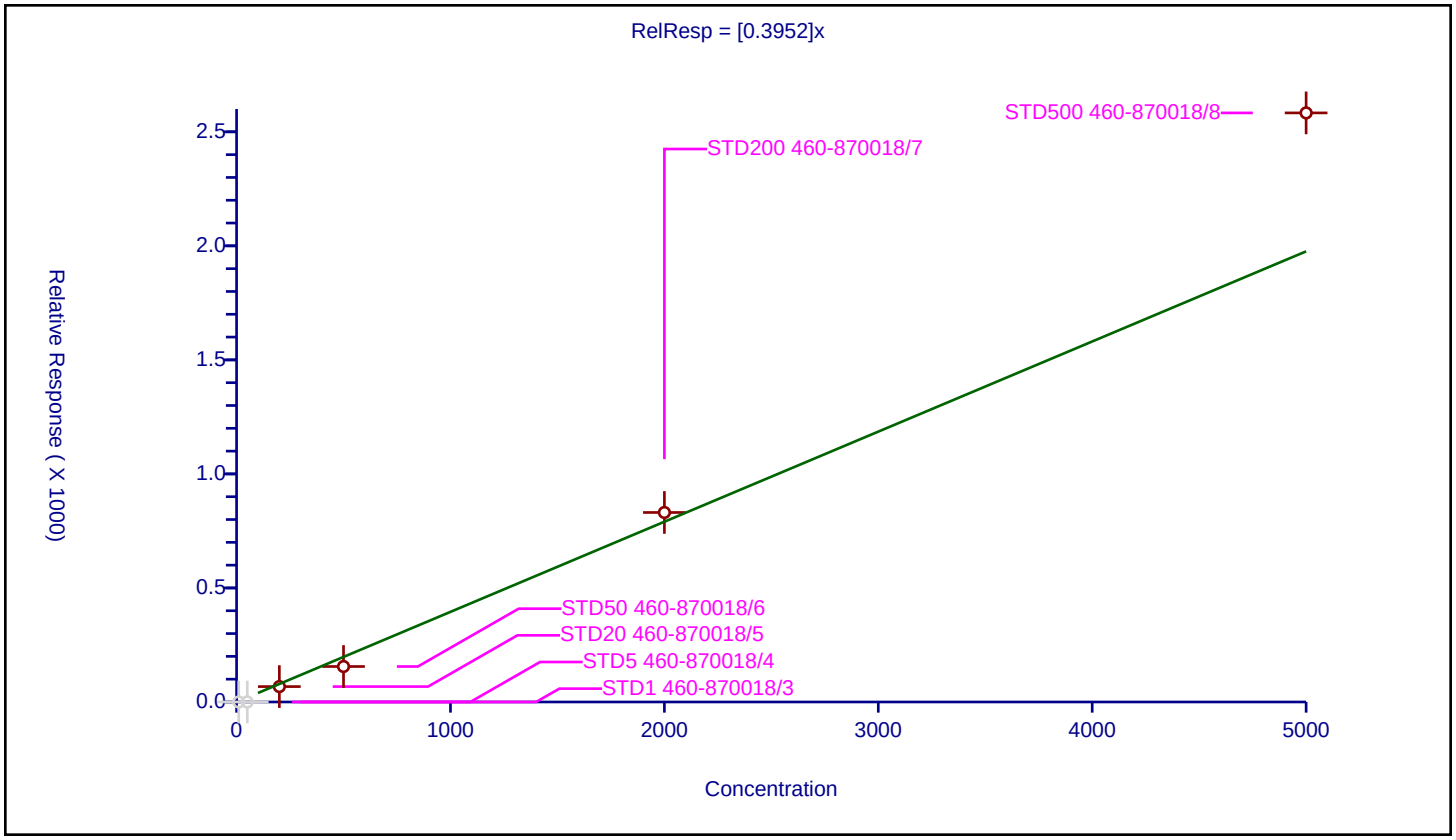
Curve Coefficients

Intercept:	0
Slope:	0.3952

Error Coefficients

Standard Error:	745000
Relative Standard Error:	23.4
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.939

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	10.0	0.0	1000.0	295867.0	0.0	N
2	STD5 460-870018/4	50.0	0.0	1000.0	279103.0	0.0	N
3	STD20 460-870018/5	200.0	67.508296	1000.0	303459.0	0.337541	Y
4	STD50 460-870018/6	500.0	155.529554	1000.0	328182.0	0.311059	Y
5	STD200 460-870018/7	2000.0	830.89436	1000.0	413357.0	0.415447	Y
6	STD500 460-870018/8	5000.0	2582.937868	1000.0	482132.0	0.516588	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

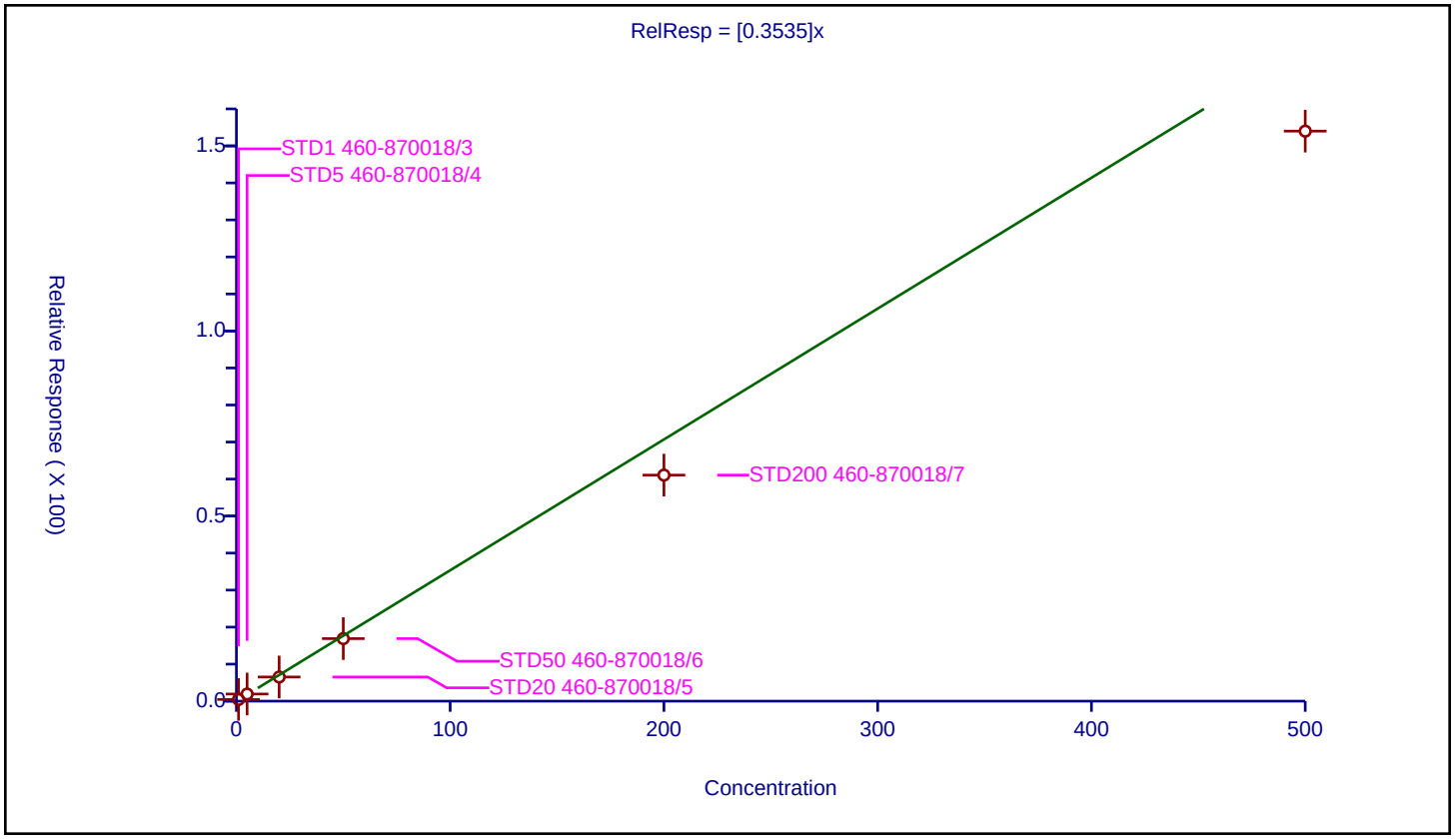
Curve Coefficients

Intercept:	0
Slope:	0.3535

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	16.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.459034	50.0	633068.0	0.459034	Y
2	STD5 460-870018/4	5.0	1.922266	50.0	652537.0	0.384453	Y
3	STD20 460-870018/5	20.0	6.525178	50.0	700525.0	0.326259	Y
4	STD50 460-870018/6	50.0	16.892164	50.0	739624.0	0.337843	Y
5	STD200 460-870018/7	200.0	61.063137	50.0	871186.0	0.305316	Y
6	STD500 460-870018/8	500.0	153.995123	50.0	1031295.0	0.30799	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

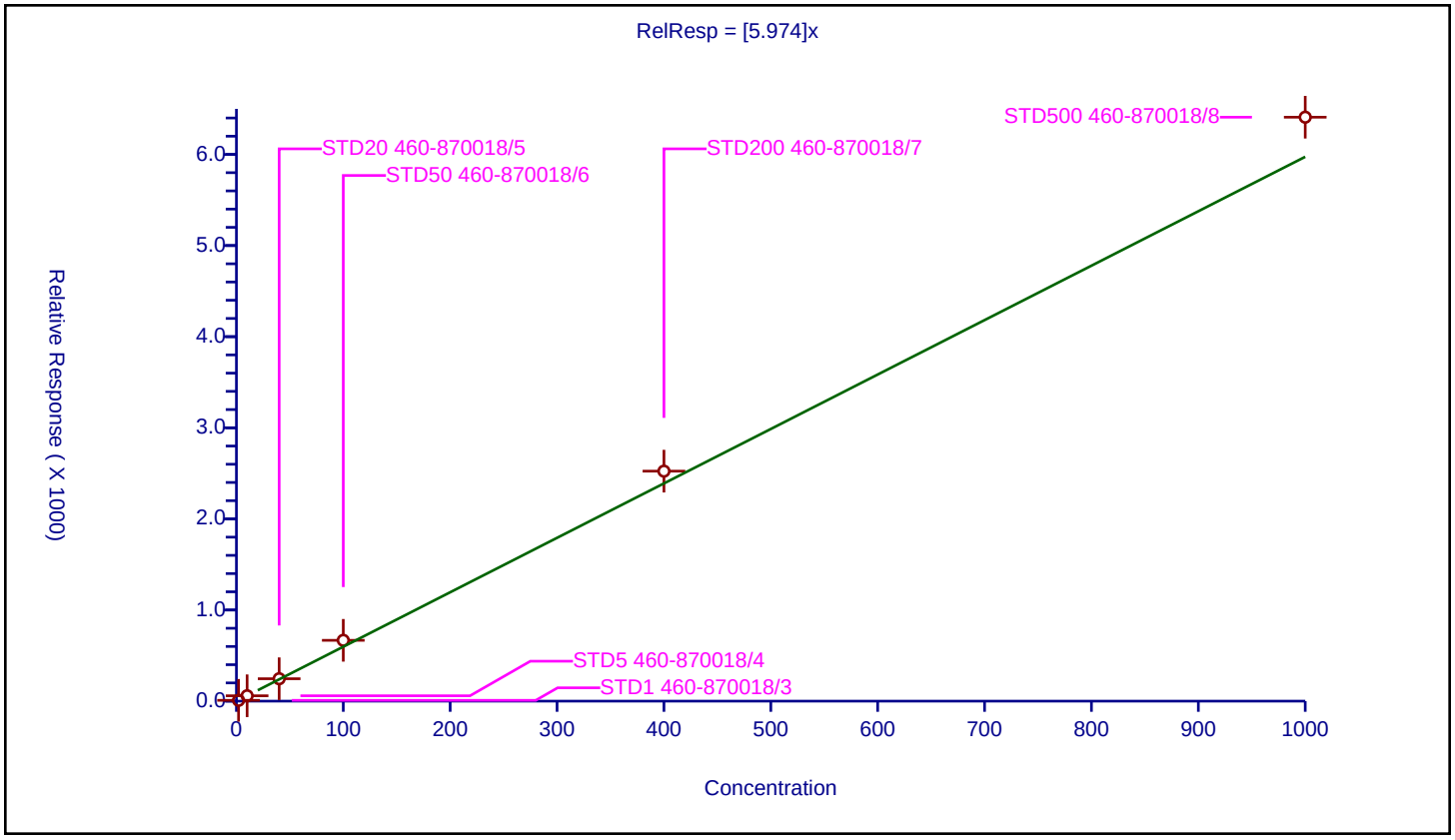
Curve Coefficients

Intercept:	0
Slope:	5.974

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	13.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	2.0	8.818151	1000.0	295867.0	4.409076	Y
2	STD5 460-870018/4	10.0	58.870739	1000.0	279103.0	5.887074	Y
3	STD20 460-870018/5	40.0	246.118916	1000.0	303459.0	6.152973	Y
4	STD50 460-870018/6	100.0	667.580794	1000.0	328182.0	6.675808	Y
5	STD200 460-870018/7	400.0	2524.219984	1000.0	413357.0	6.31055	Y
6	STD500 460-870018/8	1000.0	6408.883874	1000.0	482132.0	6.408884	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

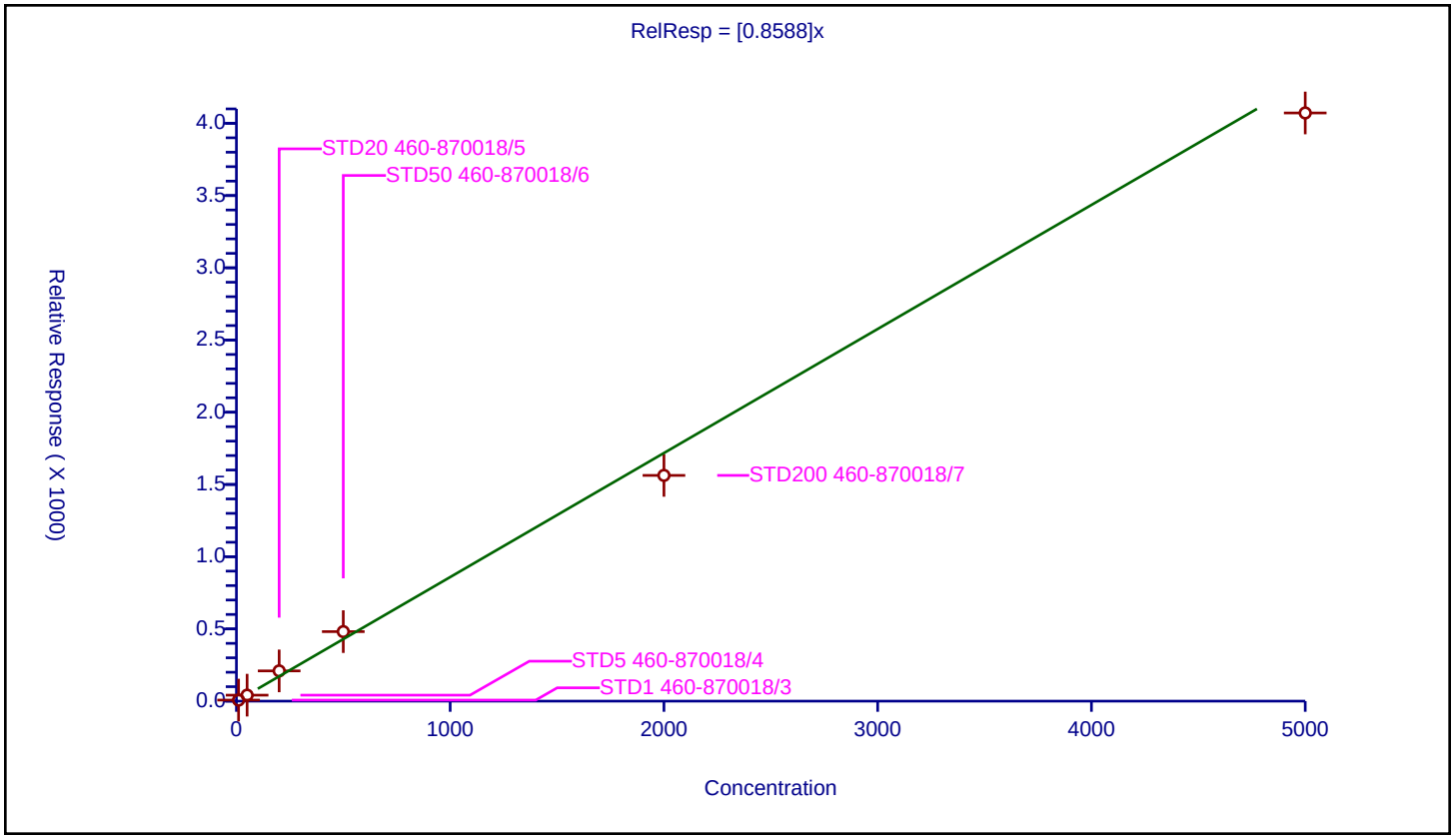
Curve Coefficients

Intercept:	0
Slope:	0.8588

Error Coefficients

Standard Error:	925000
Relative Standard Error:	14.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	10.0	7.20932	1000.0	295867.0	0.720932	Y
2	STD5 460-870018/4	50.0	41.310914	1000.0	279103.0	0.826218	Y
3	STD20 460-870018/5	200.0	209.451689	1000.0	303459.0	1.047258	Y
4	STD50 460-870018/6	500.0	481.281728	1000.0	328182.0	0.962563	Y
5	STD200 460-870018/7	2000.0	1562.755681	1000.0	413357.0	0.781378	Y
6	STD500 460-870018/8	5000.0	4071.747986	1000.0	482132.0	0.81435	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

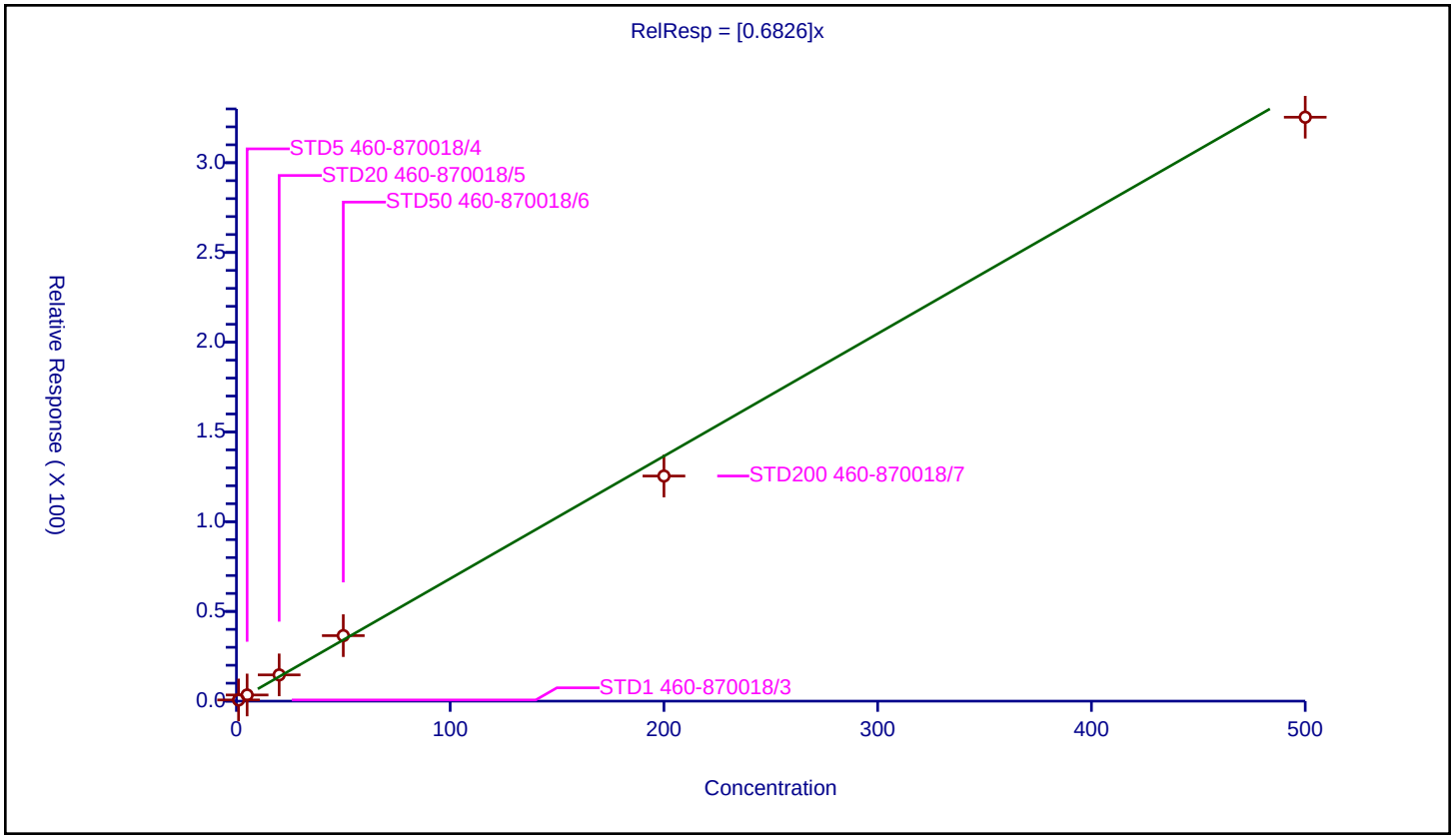
Curve Coefficients

Intercept:	0
Slope:	0.6826

Error Coefficients

Standard Error:	3170000
Relative Standard Error:	6.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.667464	50.0	633068.0	0.667464	Y
2	STD5 460-870018/4	5.0	3.442334	50.0	652537.0	0.688467	Y
3	STD20 460-870018/5	20.0	14.630884	50.0	700525.0	0.731544	Y
4	STD50 460-870018/6	50.0	36.496585	50.0	739624.0	0.729932	Y
5	STD200 460-870018/7	200.0	125.433145	50.0	871186.0	0.627166	Y
6	STD500 460-870018/8	500.0	325.376977	50.0	1031295.0	0.650754	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

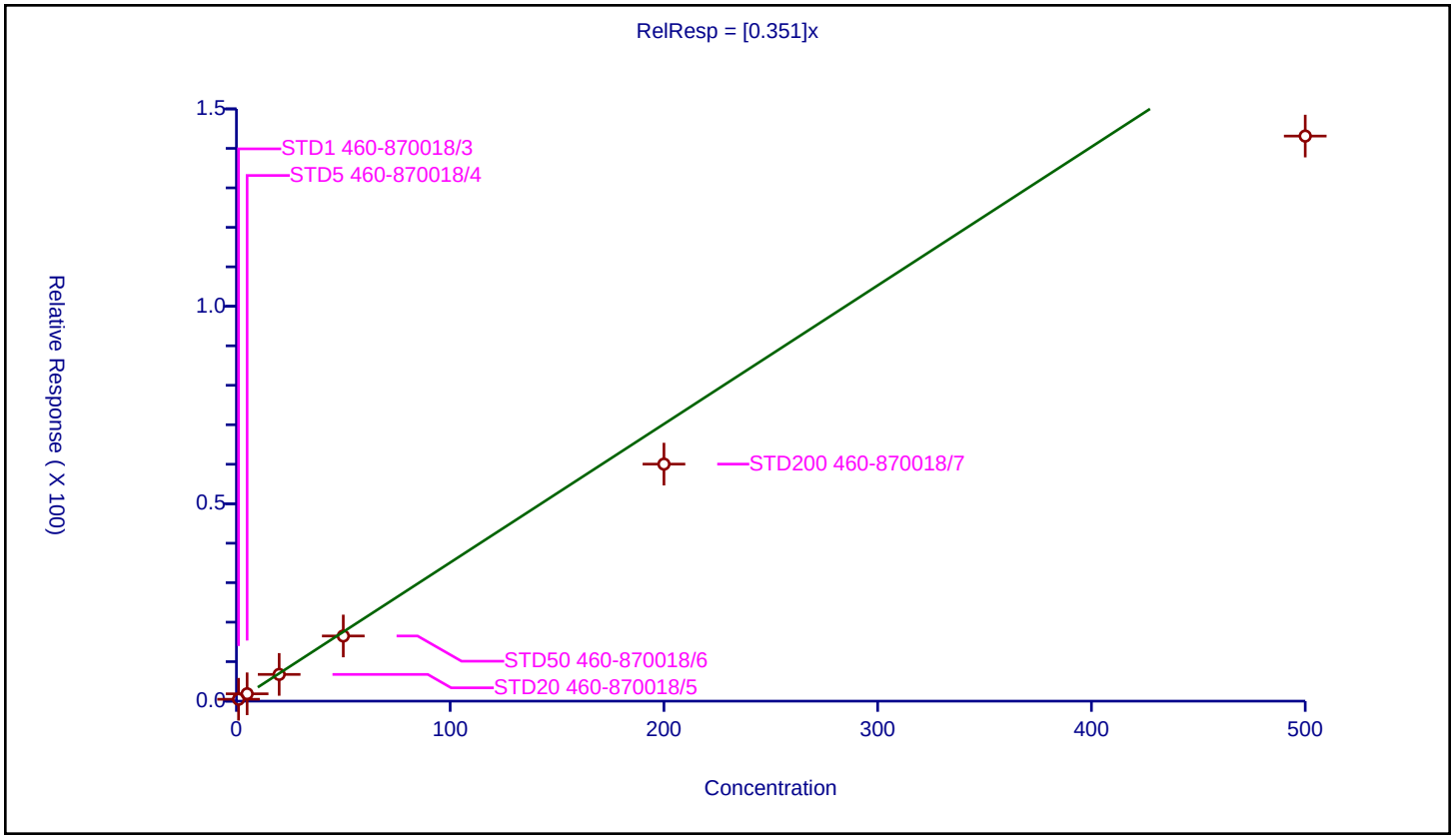
Curve Coefficients

Intercept:	0
Slope:	0.351

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	19.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.945

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.478543	50.0	633068.0	0.478543	Y
2	STD5 460-870018/4	5.0	1.861734	50.0	652537.0	0.372347	Y
3	STD20 460-870018/5	20.0	6.768995	50.0	700525.0	0.33845	Y
4	STD50 460-870018/6	50.0	16.501019	50.0	739624.0	0.33002	Y
5	STD200 460-870018/7	200.0	60.030579	50.0	871186.0	0.300153	Y
6	STD500 460-870018/8	500.0	143.120397	50.0	1031295.0	0.286241	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

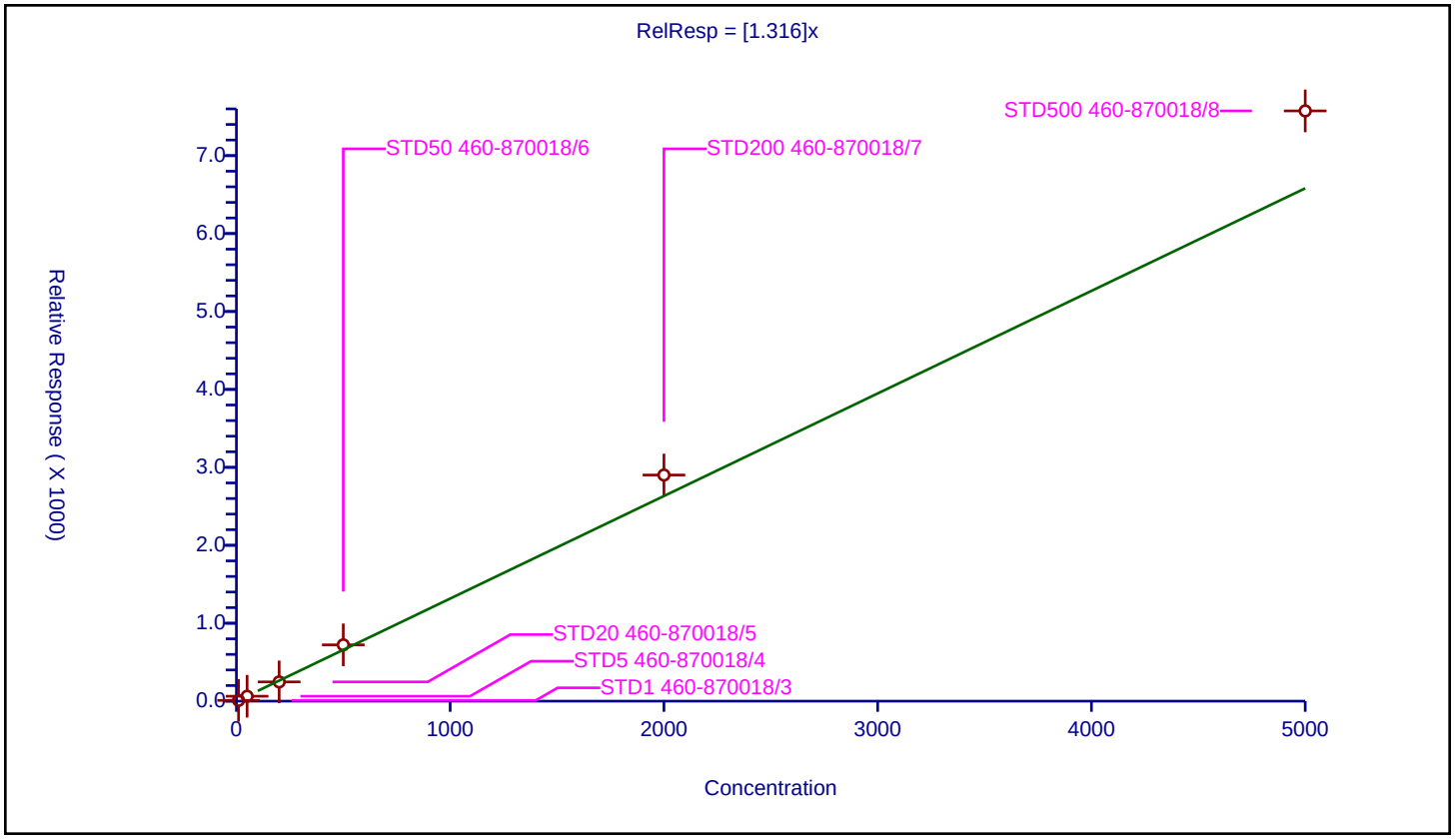
Curve Coefficients

Intercept:	0
Slope:	1.316

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	14.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	10.0	9.906478	1000.0	295867.0	0.990648	Y
2	STD5 460-870018/4	50.0	63.026911	1000.0	279103.0	1.260538	Y
3	STD20 460-870018/5	200.0	247.028429	1000.0	303459.0	1.235142	Y
4	STD50 460-870018/6	500.0	722.507633	1000.0	328182.0	1.445015	Y
5	STD200 460-870018/7	2000.0	2901.414516	1000.0	413357.0	1.450707	Y
6	STD500 460-870018/8	5000.0	7573.886405	1000.0	482132.0	1.514777	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

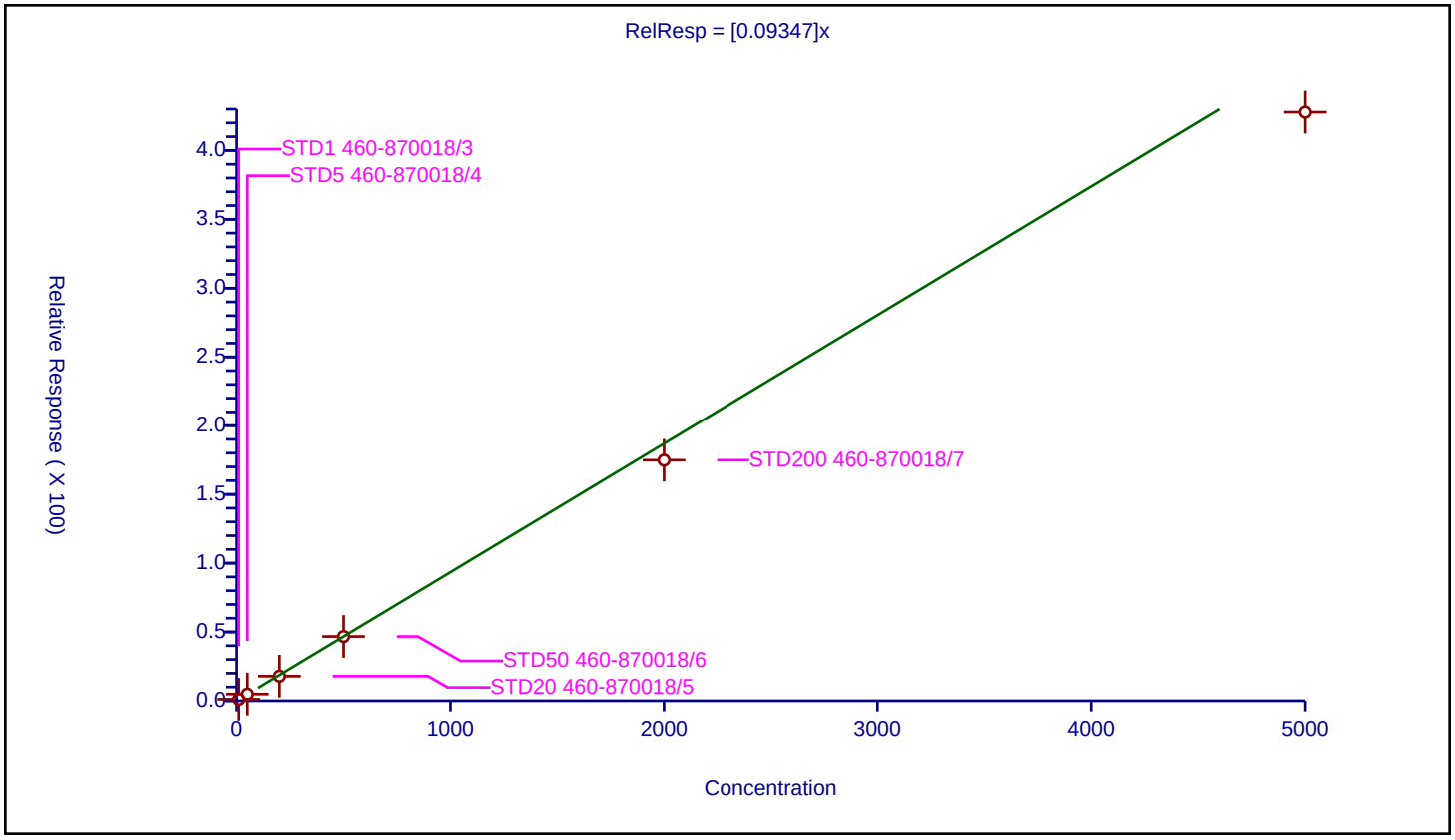
Curve Coefficients

Intercept:	0
Slope:	0.09347

Error Coefficients

Standard Error:	4190000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	10.0	1.083059	50.0	633068.0	0.108306	Y
2	STD5 460-870018/4	50.0	4.838193	50.0	652537.0	0.096764	Y
3	STD20 460-870018/5	200.0	17.867599	50.0	700525.0	0.089338	Y
4	STD50 460-870018/6	500.0	46.705961	50.0	739624.0	0.093412	Y
5	STD200 460-870018/7	2000.0	174.887567	50.0	871186.0	0.087444	Y
6	STD500 460-870018/8	5000.0	427.814398	50.0	1031295.0	0.085563	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

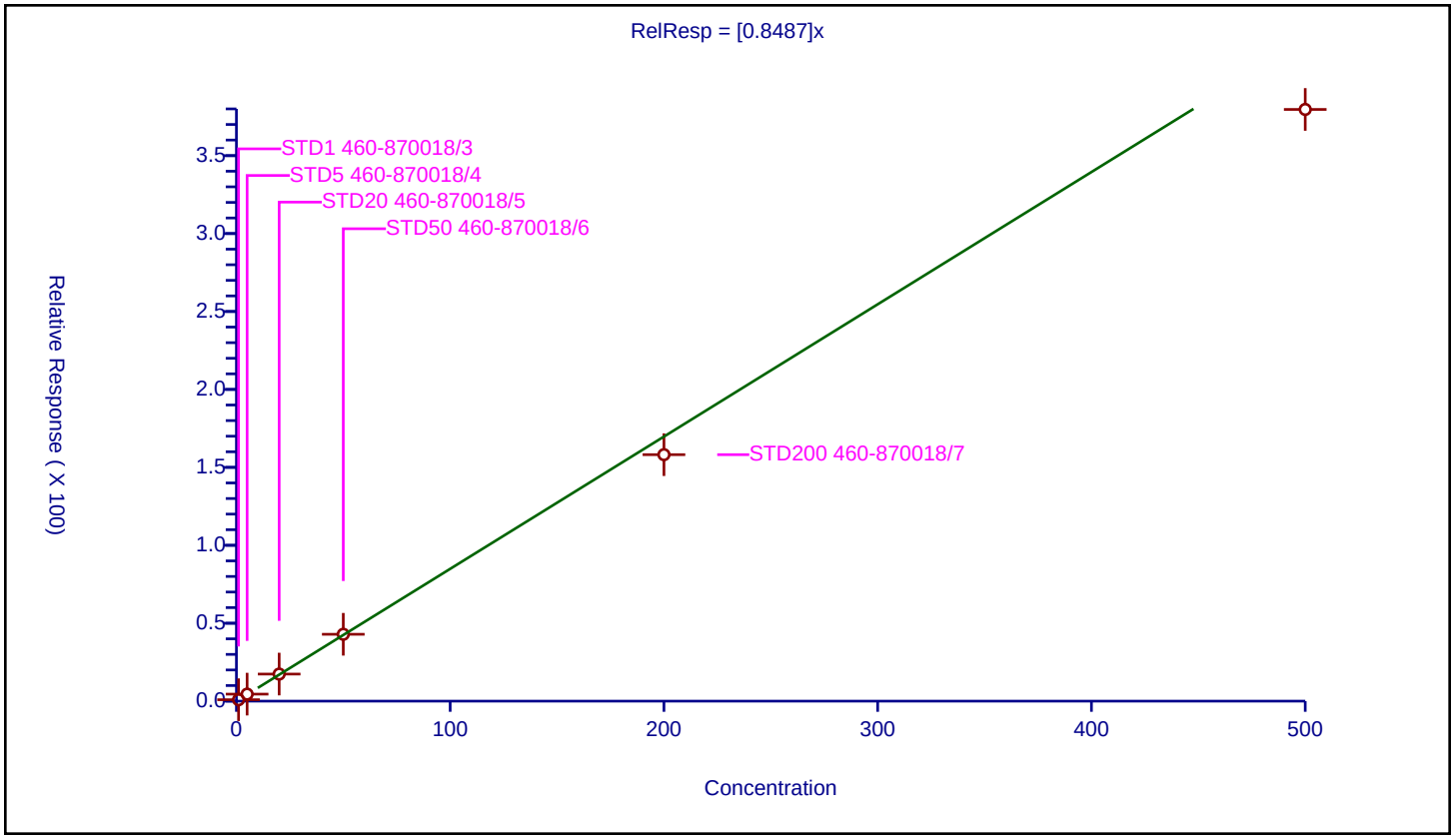
Curve Coefficients

Intercept:	0
Slope:	0.8487

Error Coefficients

Standard Error:	3720000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.916805	50.0	633068.0	0.916805	Y
2	STD5 460-870018/4	5.0	4.494688	50.0	652537.0	0.898938	Y
3	STD20 460-870018/5	20.0	17.368045	50.0	700525.0	0.868402	Y
4	STD50 460-870018/6	50.0	42.904773	50.0	739624.0	0.858095	Y
5	STD200 460-870018/7	200.0	158.15067	50.0	871186.0	0.790753	Y
6	STD500 460-870018/8	500.0	379.636913	50.0	1031295.0	0.759274	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

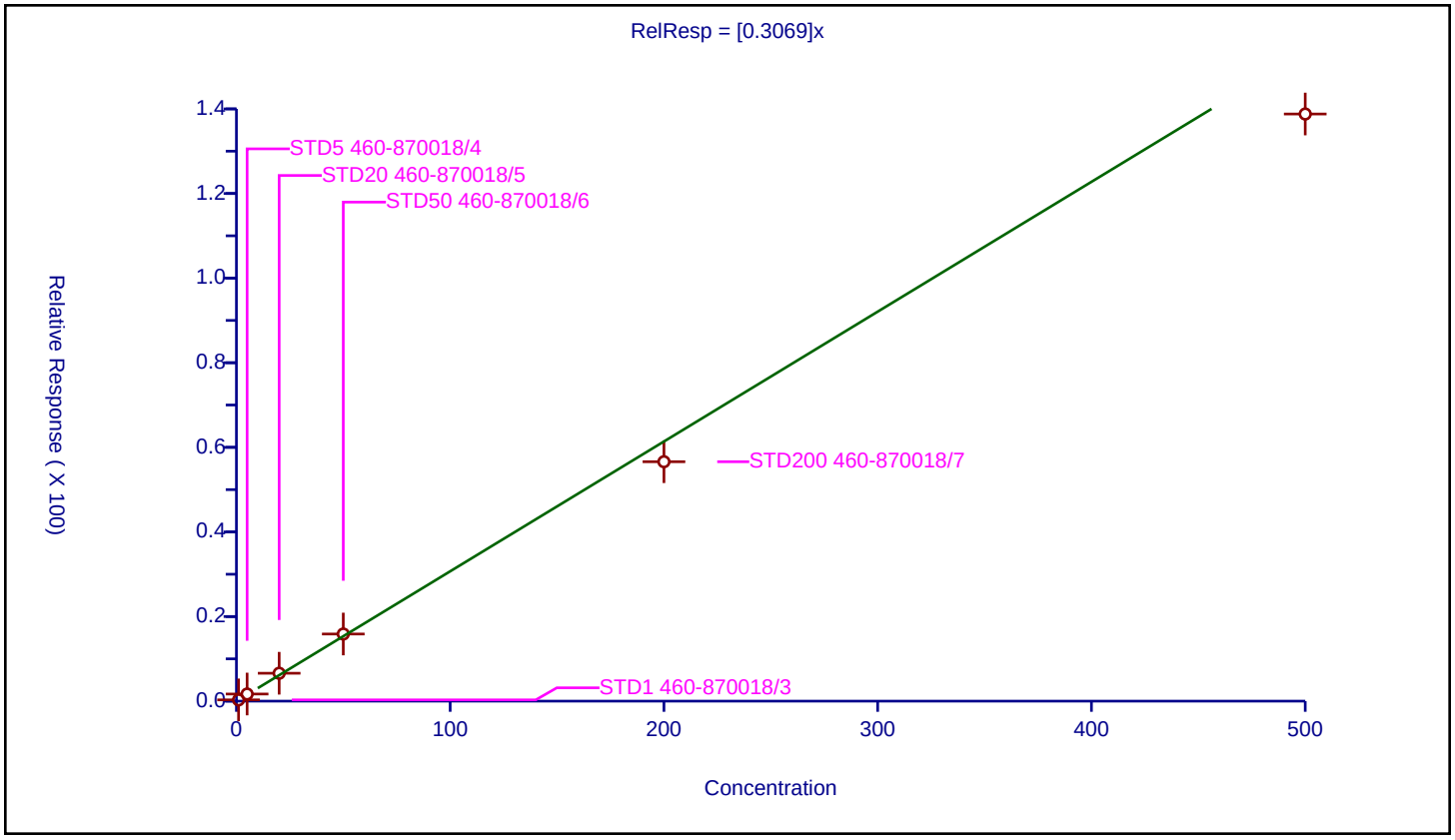
Curve Coefficients

Intercept:	0
Slope:	0.3069

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.297203	50.0	633068.0	0.297203	Y
2	STD5 460-870018/4	5.0	1.682127	50.0	652537.0	0.336425	Y
3	STD20 460-870018/5	20.0	6.594411	50.0	700525.0	0.329721	Y
4	STD50 460-870018/6	50.0	15.871443	50.0	739624.0	0.317429	Y
5	STD200 460-870018/7	200.0	56.594688	50.0	871186.0	0.282973	Y
6	STD500 460-870018/8	500.0	138.78832	50.0	1031295.0	0.277577	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

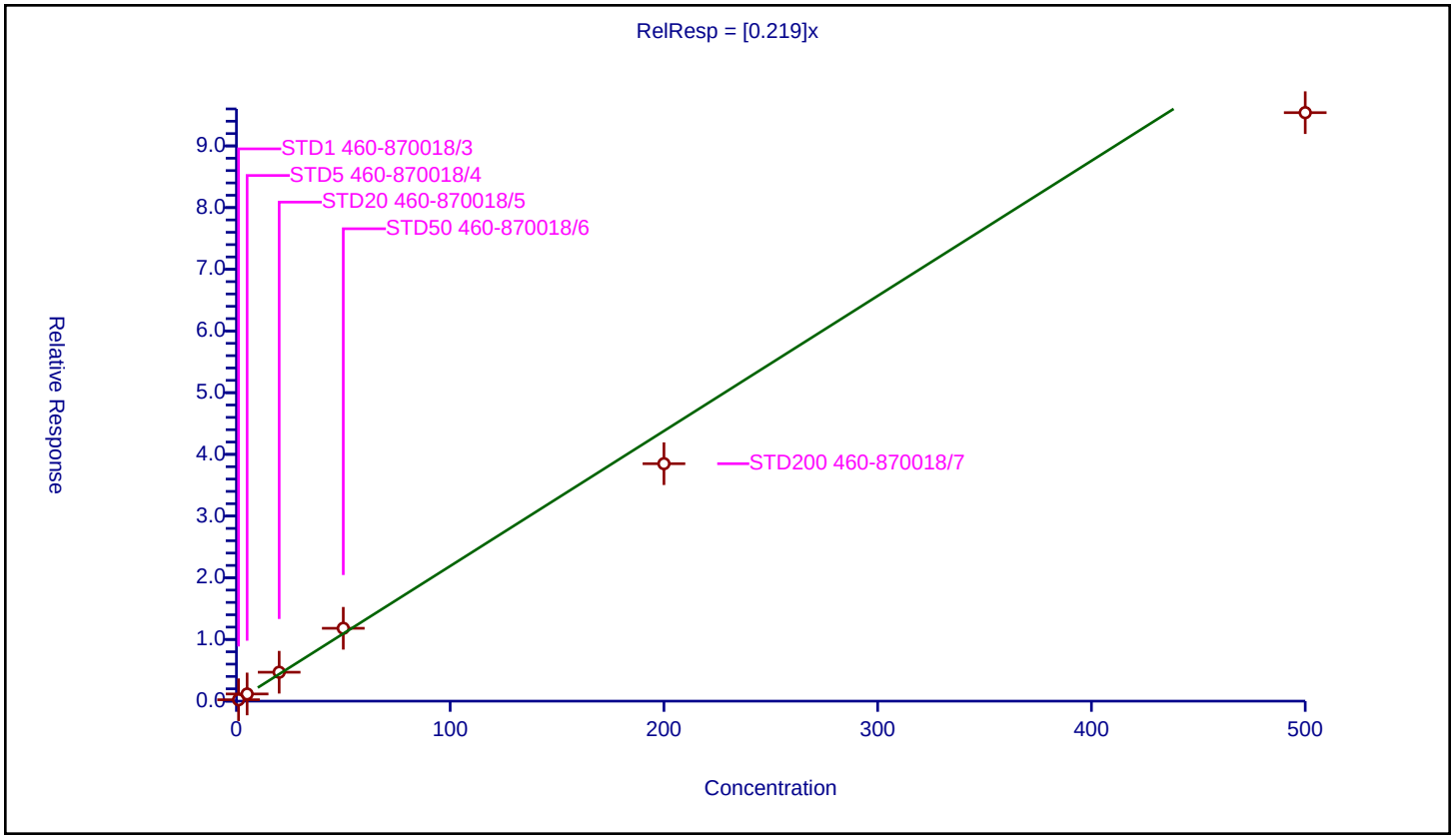
Curve Coefficients

Intercept:	0
Slope:	0.219

Error Coefficients

Standard Error:	933000
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	STD1 460-870018/3	1.0	0.227701	50.0	633068.0	0.227701	Y
2	STD5 460-870018/4	5.0	1.162156	50.0	652537.0	0.232431	Y
3	STD20 460-870018/5	20.0	4.684344	50.0	700525.0	0.234217	Y
4	STD50 460-870018/6	50.0	11.807621	50.0	739624.0	0.236152	Y
5	STD200 460-870018/7	200.0	38.490977	50.0	871186.0	0.192455	Y
6	STD500 460-870018/8	500.0	95.391037	50.0	1031295.0	0.190782	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

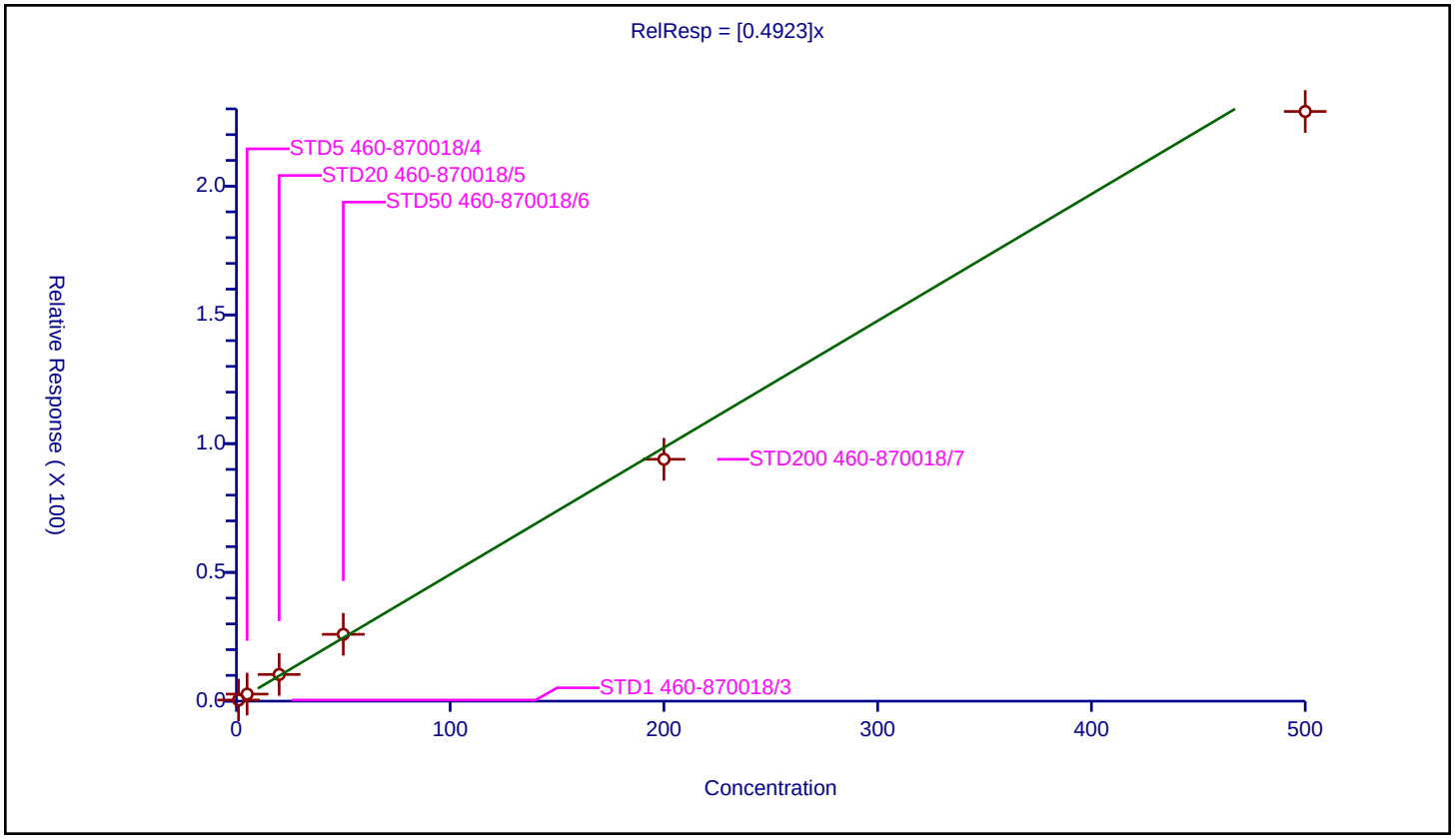
Curve Coefficients

Intercept:	0
Slope:	0.4923

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	8.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.441659	50.0	633068.0	0.441659	Y
2	STD5 460-870018/4	5.0	2.737239	50.0	652537.0	0.547448	Y
3	STD20 460-870018/5	20.0	10.360515	50.0	700525.0	0.518026	Y
4	STD50 460-870018/6	50.0	25.946224	50.0	739624.0	0.518924	Y
5	STD200 460-870018/7	200.0	93.930917	50.0	871186.0	0.469655	Y
6	STD500 460-870018/8	500.0	229.001062	50.0	1031295.0	0.458002	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

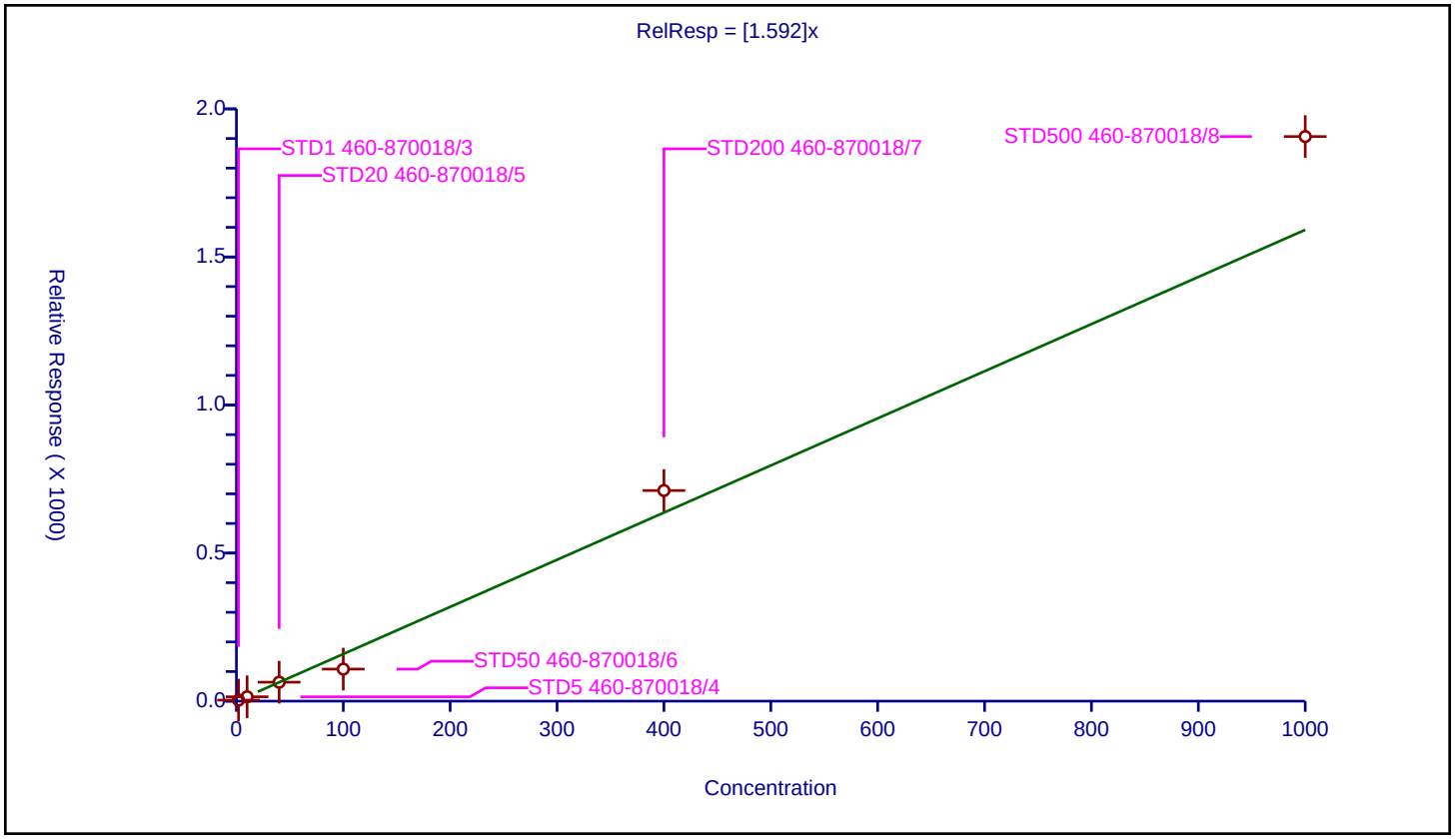
Curve Coefficients

Intercept:	0
Slope:	1.592

Error Coefficients

Standard Error:	431000
Relative Standard Error:	18.3
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	2.0	3.423836	1000.0	295867.0	1.711918	Y
2	STD5 460-870018/4	10.0	14.711415	1000.0	279103.0	1.471141	Y
3	STD20 460-870018/5	40.0	63.962512	1000.0	303459.0	1.599063	Y
4	STD50 460-870018/6	100.0	108.253957	1000.0	328182.0	1.08254	Y
5	STD200 460-870018/7	400.0	711.215729	1000.0	413357.0	1.778039	Y
6	STD500 460-870018/8	1000.0	1906.521451	1000.0	482132.0	1.906521	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

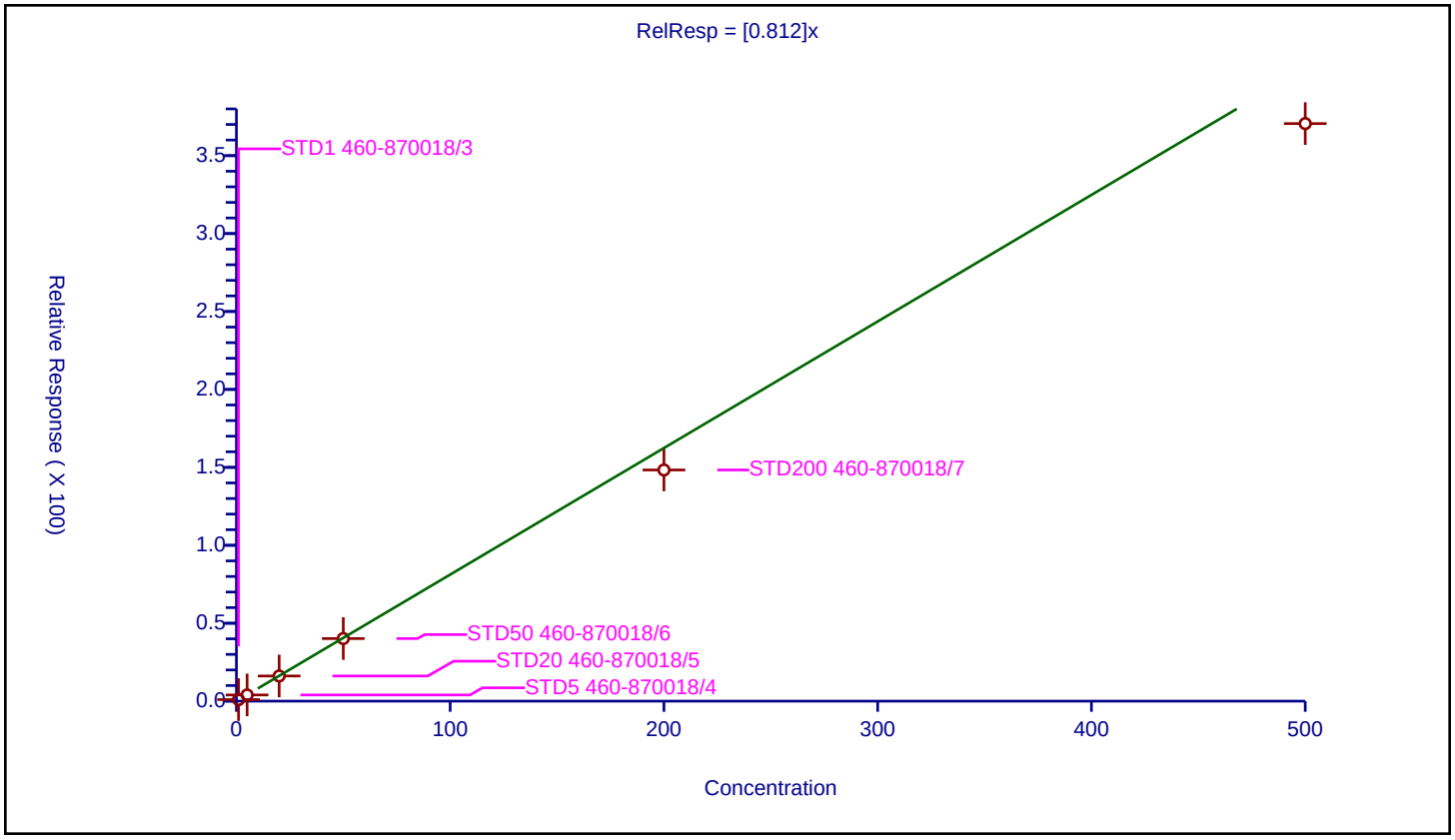
Curve Coefficients

Intercept:	0
Slope:	0.812

Error Coefficients

Standard Error:	3620000
Relative Standard Error:	11.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.982912	50.0	633068.0	0.982912	Y
2	STD5 460-870018/4	5.0	3.980541	50.0	652537.0	0.796108	Y
3	STD20 460-870018/5	20.0	16.147175	50.0	700525.0	0.807359	Y
4	STD50 460-870018/6	50.0	40.146818	50.0	739624.0	0.802936	Y
5	STD200 460-870018/7	200.0	148.318155	50.0	871186.0	0.741591	Y
6	STD500 460-870018/8	500.0	370.572145	50.0	1031295.0	0.741144	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

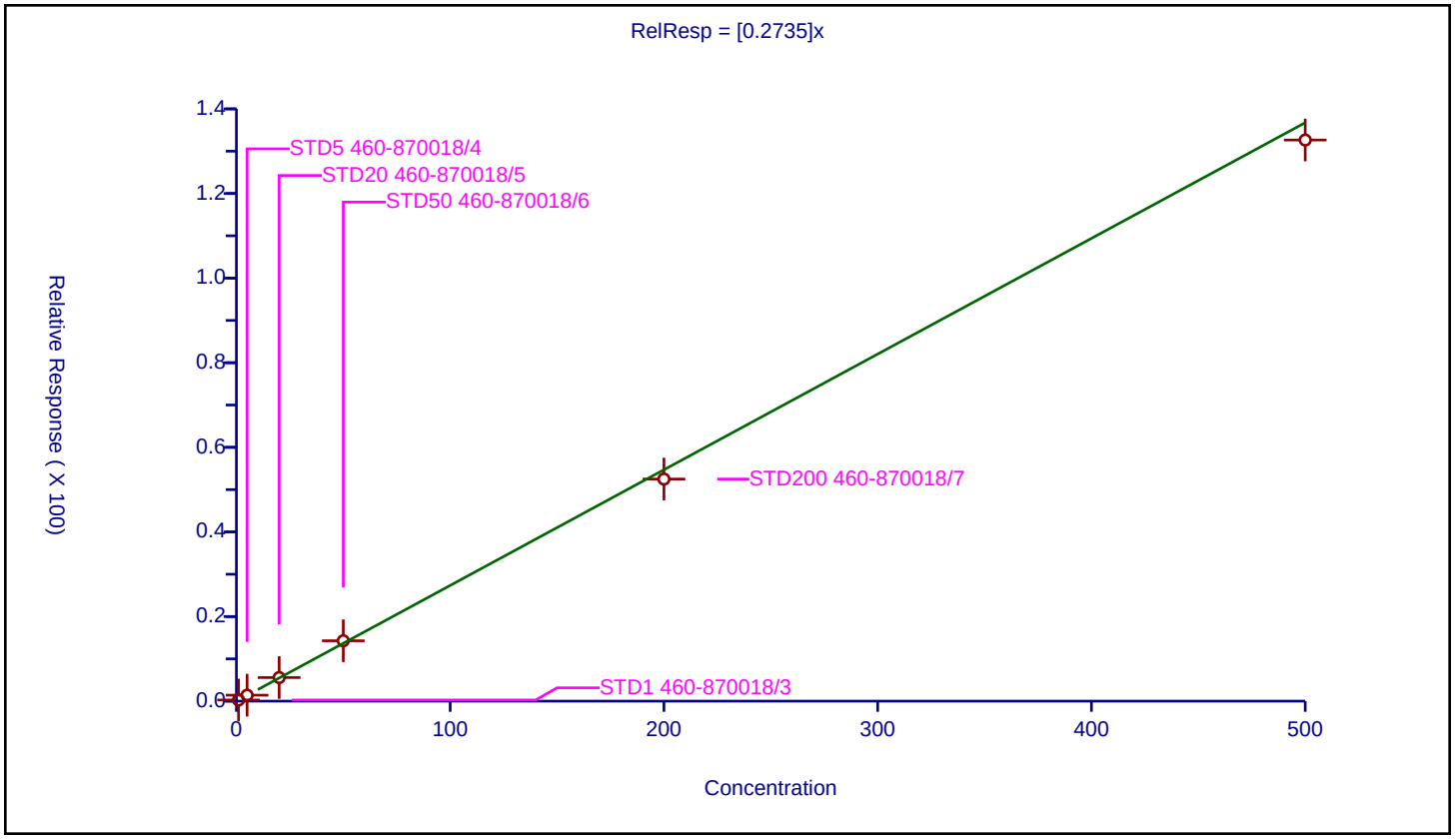
Curve Coefficients

Intercept:	0
Slope:	0.2735

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	3.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.26727	50.0	633068.0	0.26727	Y
2	STD5 460-870018/4	5.0	1.408426	50.0	652537.0	0.281685	Y
3	STD20 460-870018/5	20.0	5.574391	50.0	700525.0	0.27872	Y
4	STD50 460-870018/6	50.0	14.272657	50.0	739624.0	0.285453	Y
5	STD200 460-870018/7	200.0	52.490972	50.0	871186.0	0.262455	Y
6	STD500 460-870018/8	500.0	132.637461	50.0	1031295.0	0.265275	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

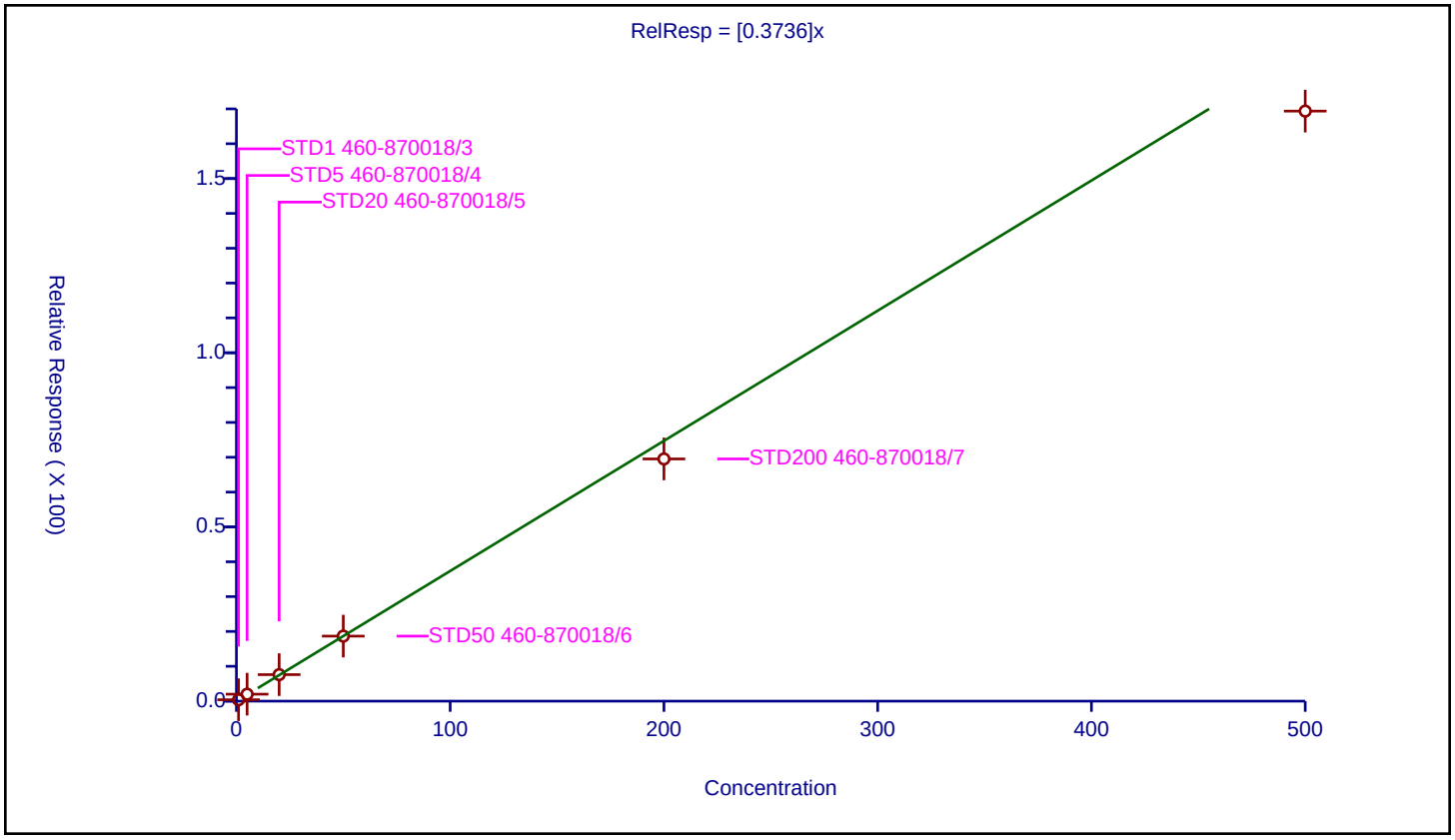
Curve Coefficients

Intercept:	0
Slope:	0.3736

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	7.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.4013	50.0	633068.0	0.4013	Y
2	STD5 460-870018/4	5.0	2.000423	50.0	652537.0	0.400085	Y
3	STD20 460-870018/5	20.0	7.610721	50.0	700525.0	0.380536	Y
4	STD50 460-870018/6	50.0	18.662658	50.0	739624.0	0.373253	Y
5	STD200 460-870018/7	200.0	69.523845	50.0	871186.0	0.347619	Y
6	STD500 460-870018/8	500.0	169.362985	50.0	1031295.0	0.338726	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

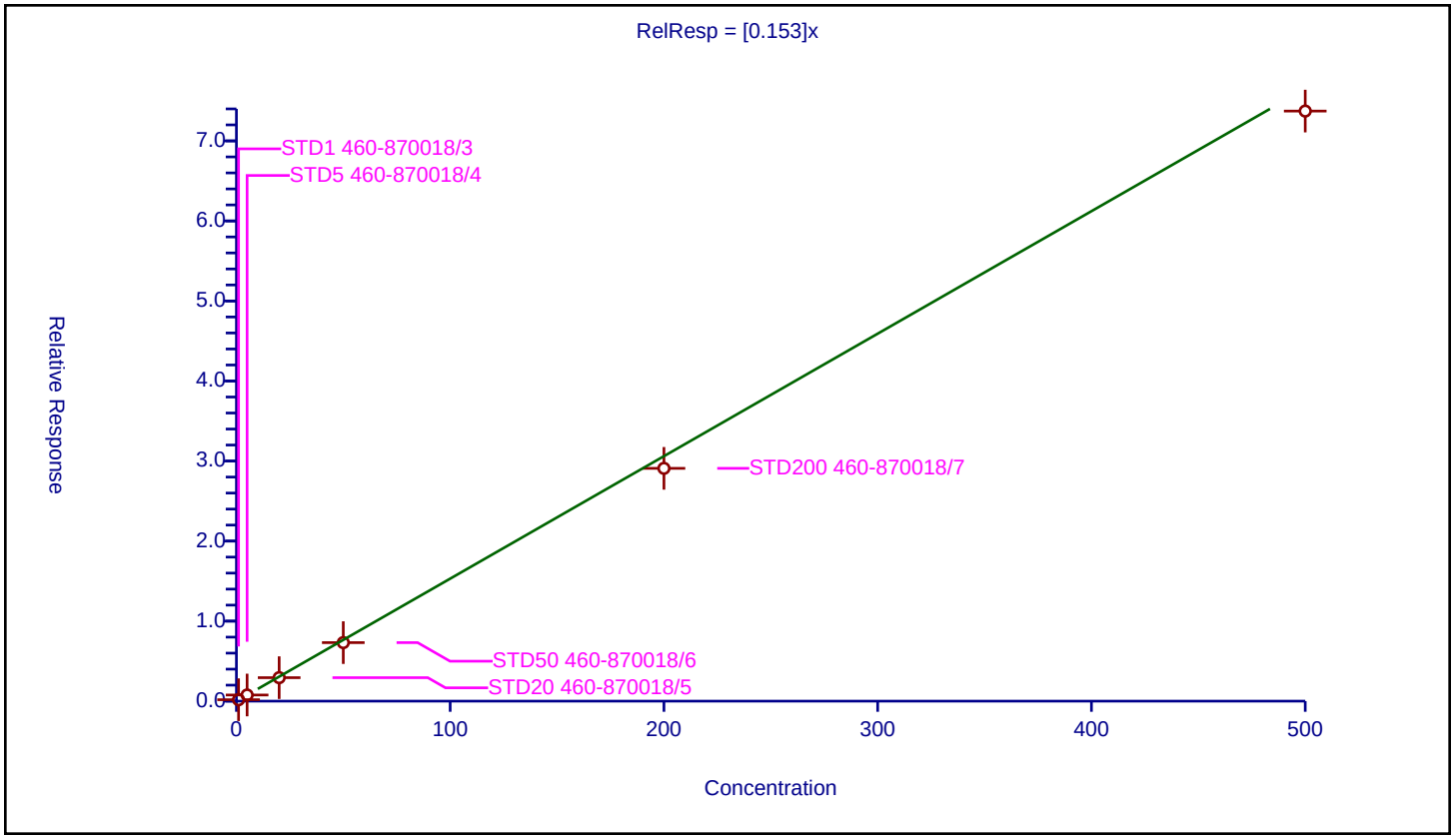
Curve Coefficients

Intercept:	0
Slope:	0.153

Error Coefficients

Standard Error:	719000
Relative Standard Error:	8.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.178891	50.0	633068.0	0.178891	Y
2	STD5 460-870018/4	5.0	0.767696	50.0	652537.0	0.153539	Y
3	STD20 460-870018/5	20.0	2.933229	50.0	700525.0	0.146661	Y
4	STD50 460-870018/6	50.0	7.313987	50.0	739624.0	0.14628	Y
5	STD200 460-870018/7	200.0	29.088048	50.0	871186.0	0.14544	Y
6	STD500 460-870018/8	500.0	73.728419	50.0	1031295.0	0.147457	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

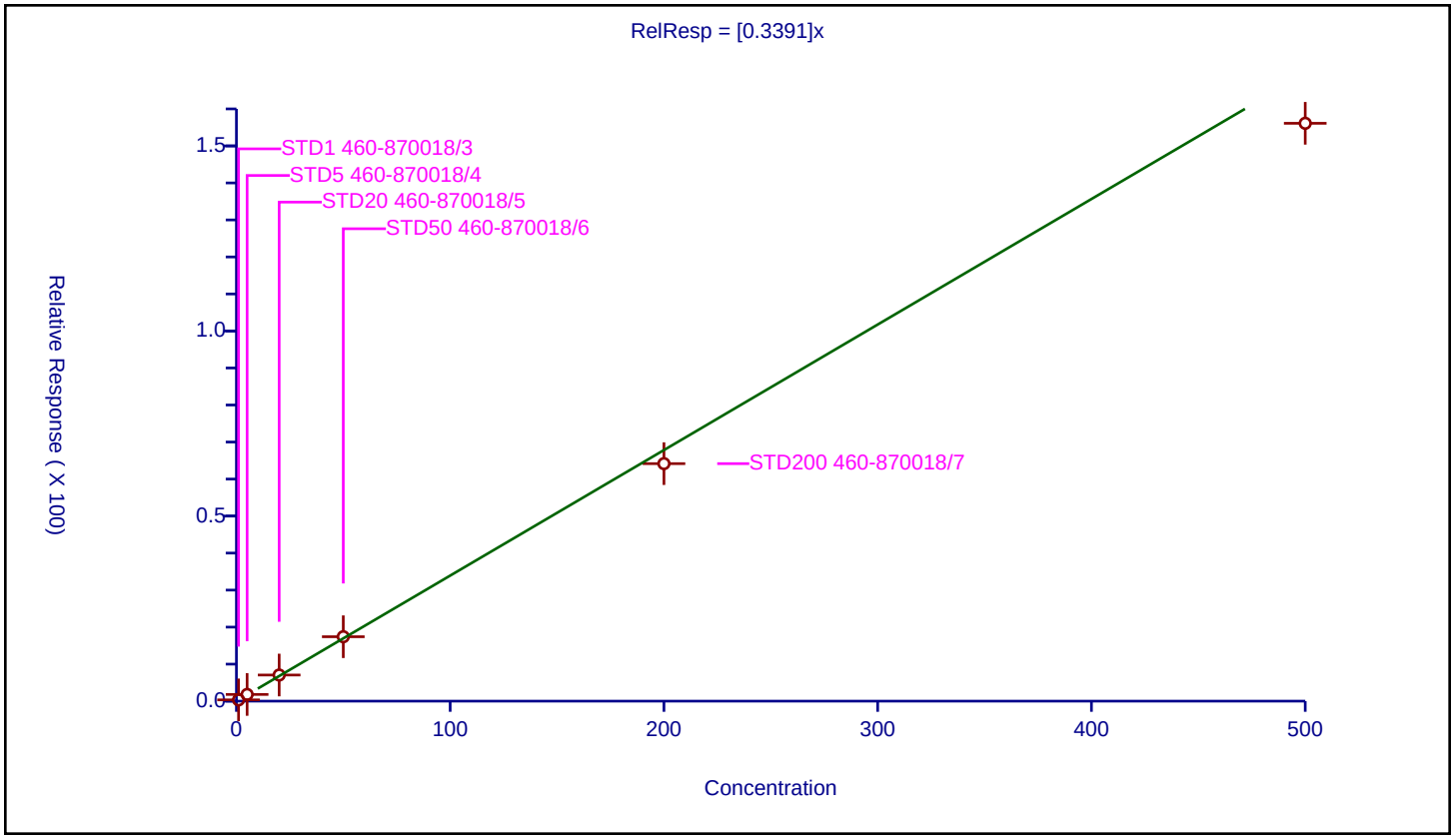
Curve Coefficients

Intercept:	0
Slope:	0.3391

Error Coefficients

Standard Error:	1530000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.339537	50.0	633068.0	0.339537	Y
2	STD5 460-870018/4	5.0	1.806871	50.0	652537.0	0.361374	Y
3	STD20 460-870018/5	20.0	7.053353	50.0	700525.0	0.352668	Y
4	STD50 460-870018/6	50.0	17.405533	50.0	739624.0	0.348111	Y
5	STD200 460-870018/7	200.0	64.167009	50.0	871186.0	0.320835	Y
6	STD500 460-870018/8	500.0	156.104073	50.0	1031295.0	0.312208	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

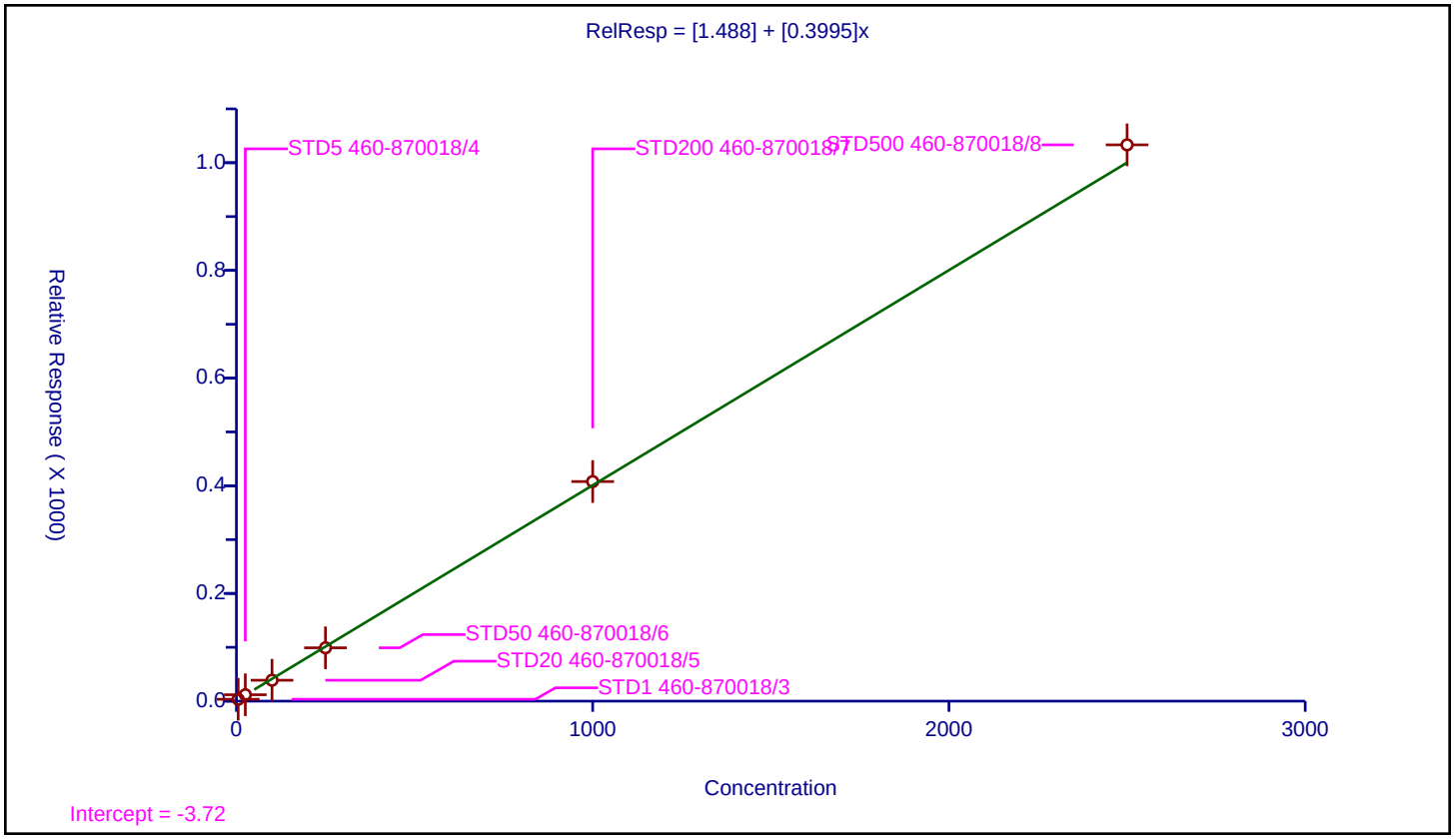
Curve Coefficients

Intercept:	1.488
Slope:	0.3995

Error Coefficients

Standard Error:	930000
Relative Standard Error:	4.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	5.0	3.475129	250.0	241286.0	0.695026	Y
2	STD5 460-870018/4	25.0	11.896042	250.0	241635.0	0.475842	Y
3	STD20 460-870018/5	100.0	38.867543	250.0	267286.0	0.388675	Y
4	STD50 460-870018/6	250.0	99.035462	250.0	297189.0	0.396142	Y
5	STD200 460-870018/7	1000.0	407.823459	250.0	358307.0	0.407823	Y
6	STD500 460-870018/8	2500.0	1033.20107	250.0	426673.0	0.41328	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

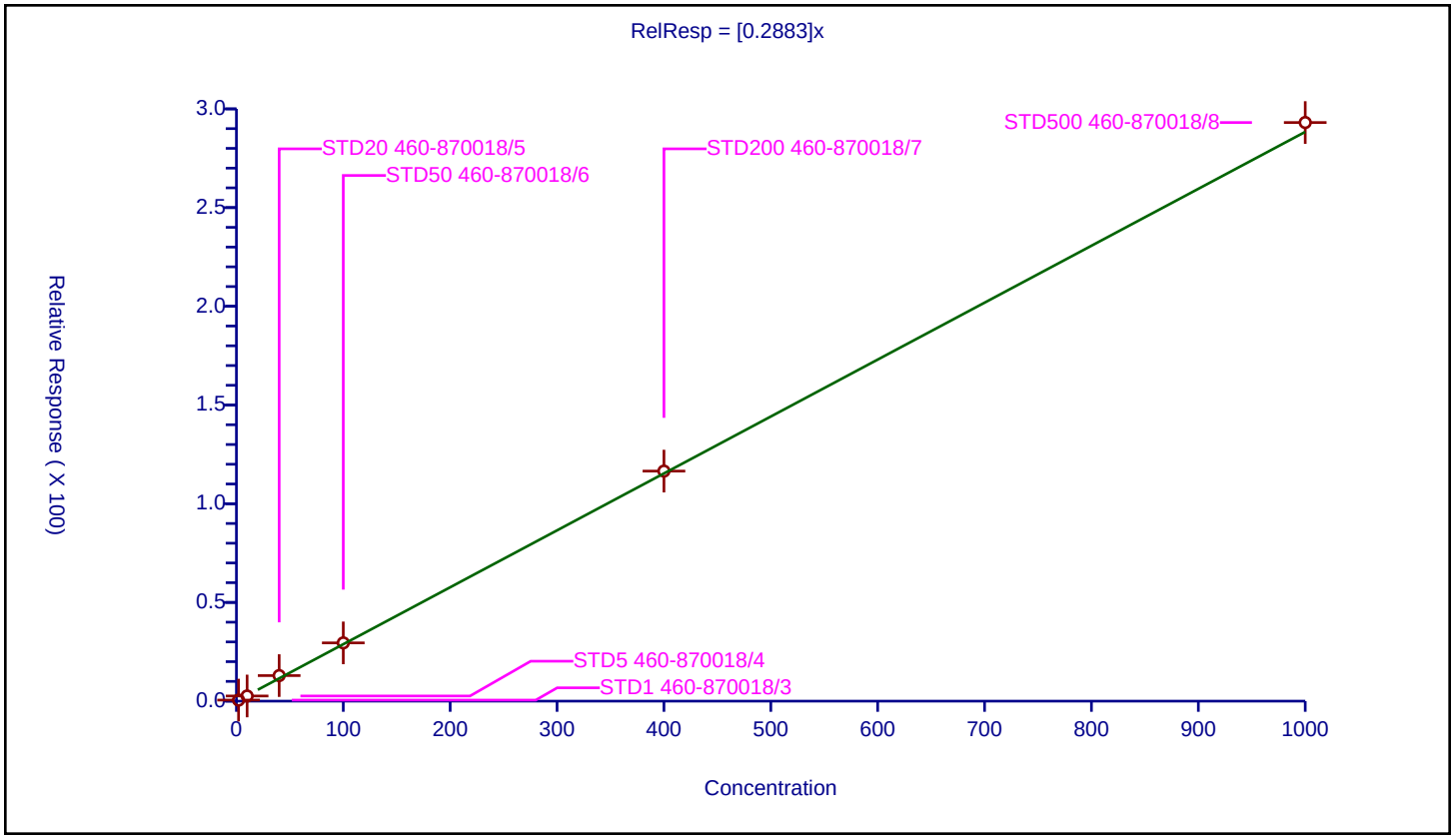
Curve Coefficients

Intercept:	0
Slope:	0.2883

Error Coefficients

Standard Error:	236000
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	STD1 460-870018/3	2.0	0.530491	250.0	241286.0	0.265245	Y
2	STD5 460-870018/4	10.0	2.61655	250.0	241635.0	0.261655	Y
3	STD20 460-870018/5	40.0	12.944935	250.0	267286.0	0.323623	Y
4	STD50 460-870018/6	100.0	29.512364	250.0	297189.0	0.295124	Y
5	STD200 460-870018/7	400.0	116.53275	250.0	358307.0	0.291332	Y
6	STD500 460-870018/8	1000.0	293.097993	250.0	426673.0	0.293098	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

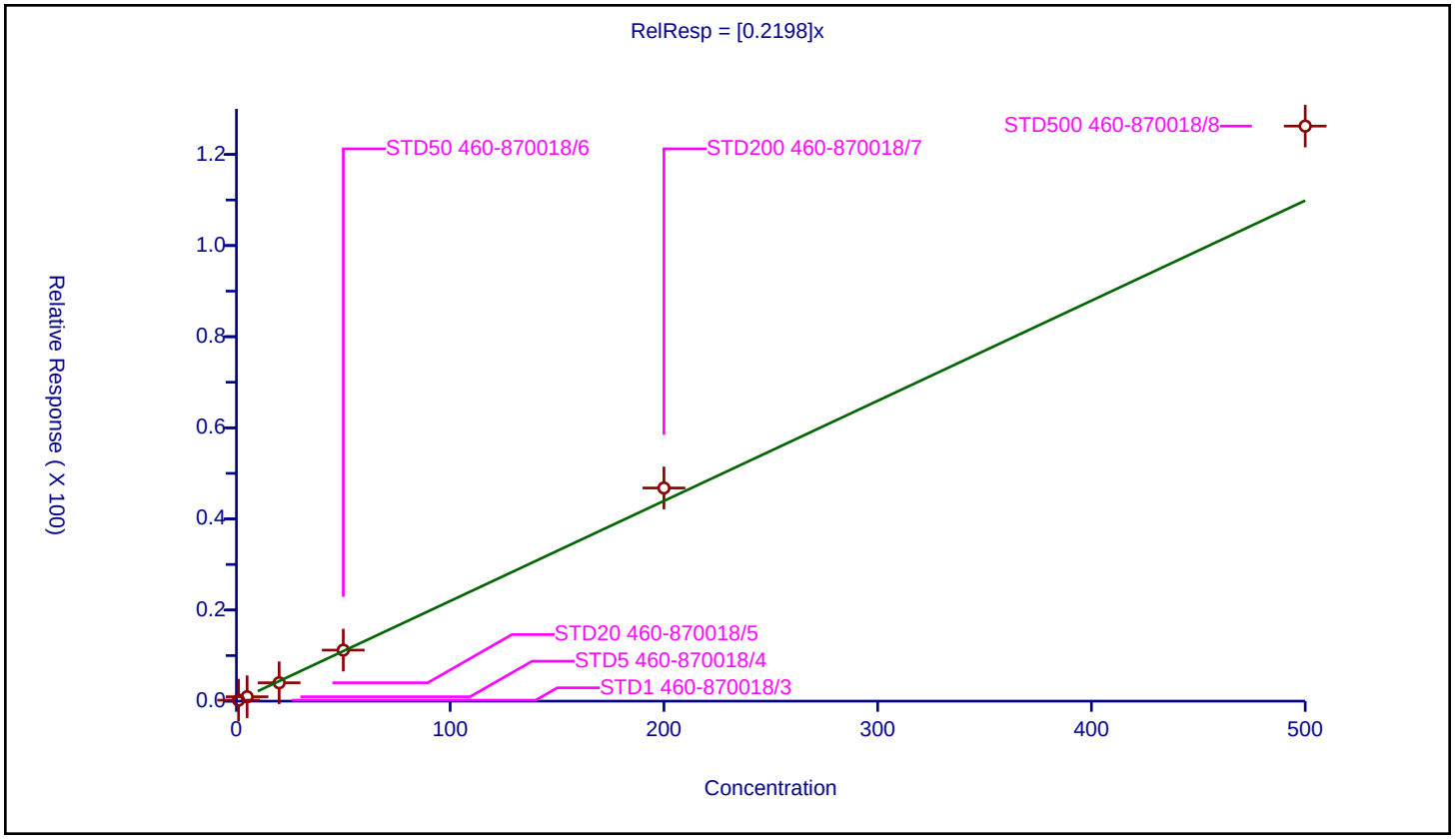
Curve Coefficients

Intercept:	0
Slope:	0.2198

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	10.0
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.214827	50.0	633068.0	0.214827	Y
2	STD5 460-870018/4	5.0	0.959869	50.0	652537.0	0.191974	Y
3	STD20 460-870018/5	20.0	4.028193	50.0	700525.0	0.20141	Y
4	STD50 460-870018/6	50.0	11.198122	50.0	739624.0	0.223962	Y
5	STD200 460-870018/7	200.0	46.787196	50.0	871186.0	0.233936	Y
6	STD500 460-870018/8	500.0	126.224601	50.0	1031295.0	0.252449	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

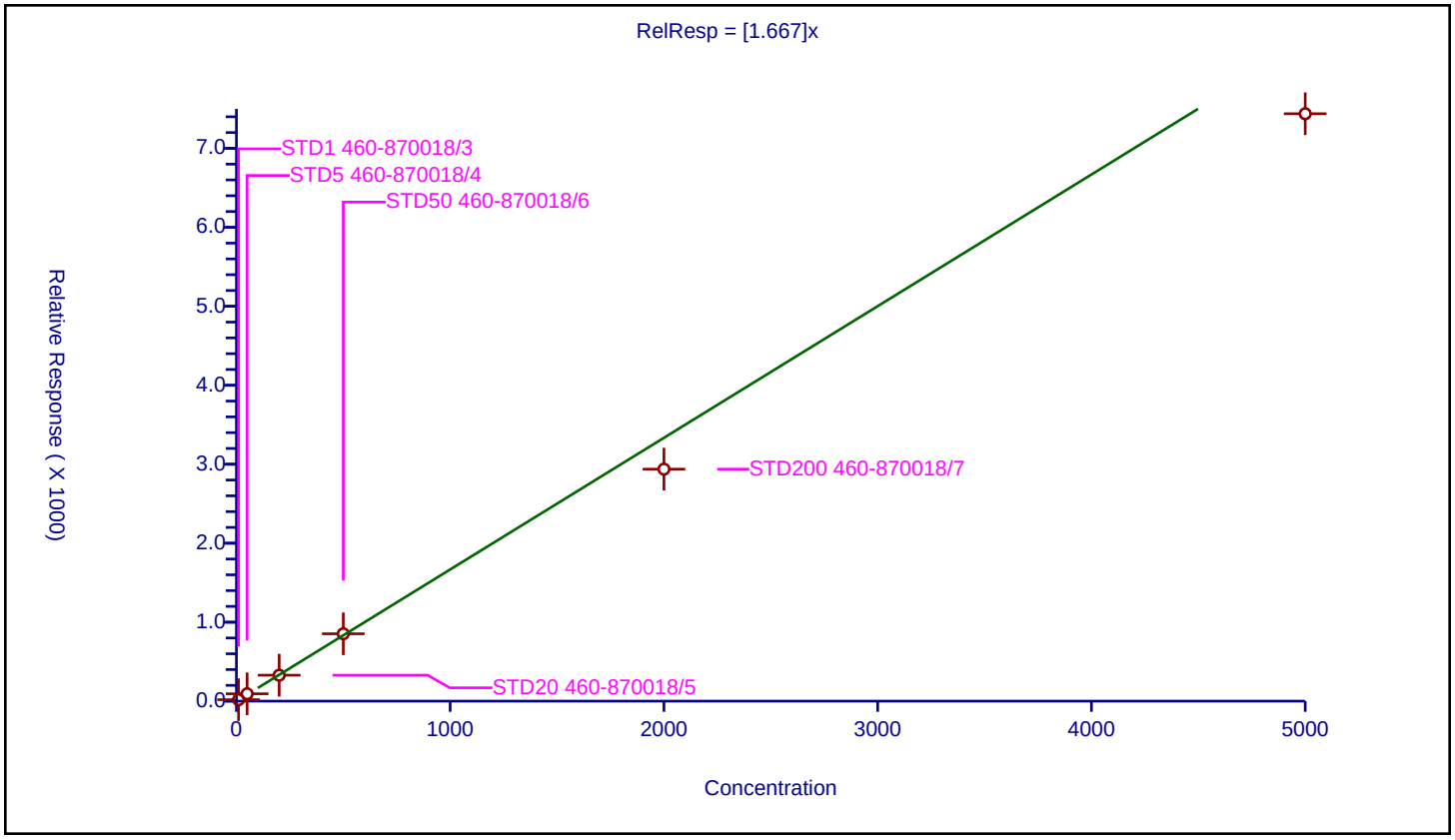
Curve Coefficients

Intercept:	0
Slope:	1.667

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	10.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	10.0	18.322422	1000.0	295867.0	1.832242	Y
2	STD5 460-870018/4	50.0	93.34905	1000.0	279103.0	1.866981	Y
3	STD20 460-870018/5	200.0	328.248627	1000.0	303459.0	1.641243	Y
4	STD50 460-870018/6	500.0	853.200358	1000.0	328182.0	1.706401	Y
5	STD200 460-870018/7	2000.0	2937.596315	1000.0	413357.0	1.468798	Y
6	STD500 460-870018/8	5000.0	7438.556246	1000.0	482132.0	1.487711	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

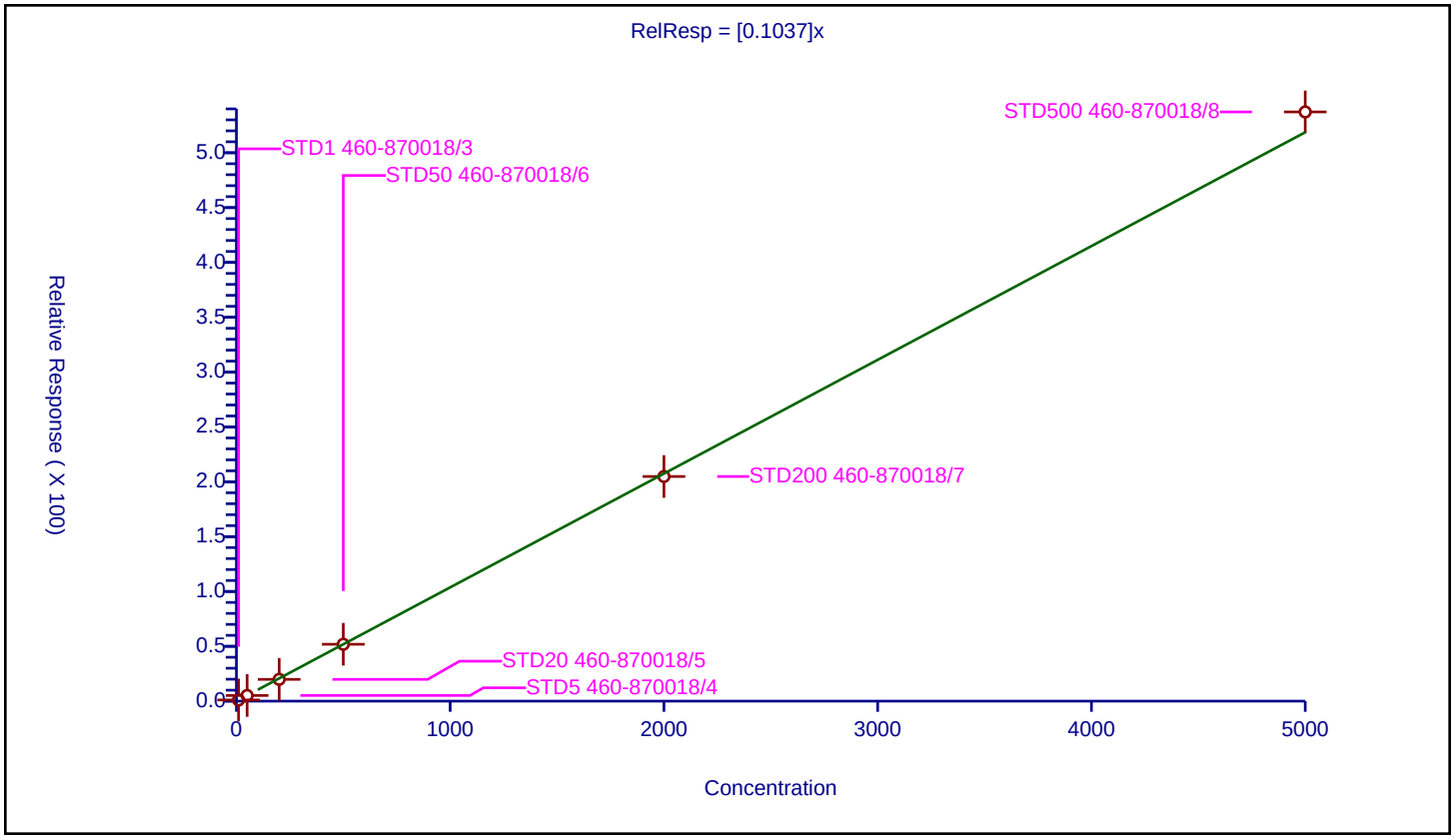
Curve Coefficients

Intercept:	0
Slope:	0.1037

Error Coefficients

Standard Error:	5220000
Relative Standard Error:	2.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	10.0	1.064657	50.0	633068.0	0.106466	Y
2	STD5 460-870018/4	50.0	5.152965	50.0	652537.0	0.103059	Y
3	STD20 460-870018/5	200.0	19.853253	50.0	700525.0	0.099266	Y
4	STD50 460-870018/6	500.0	51.86534	50.0	739624.0	0.103731	Y
5	STD200 460-870018/7	2000.0	204.825491	50.0	871186.0	0.102413	Y
6	STD500 460-870018/8	5000.0	537.233333	50.0	1031295.0	0.107447	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

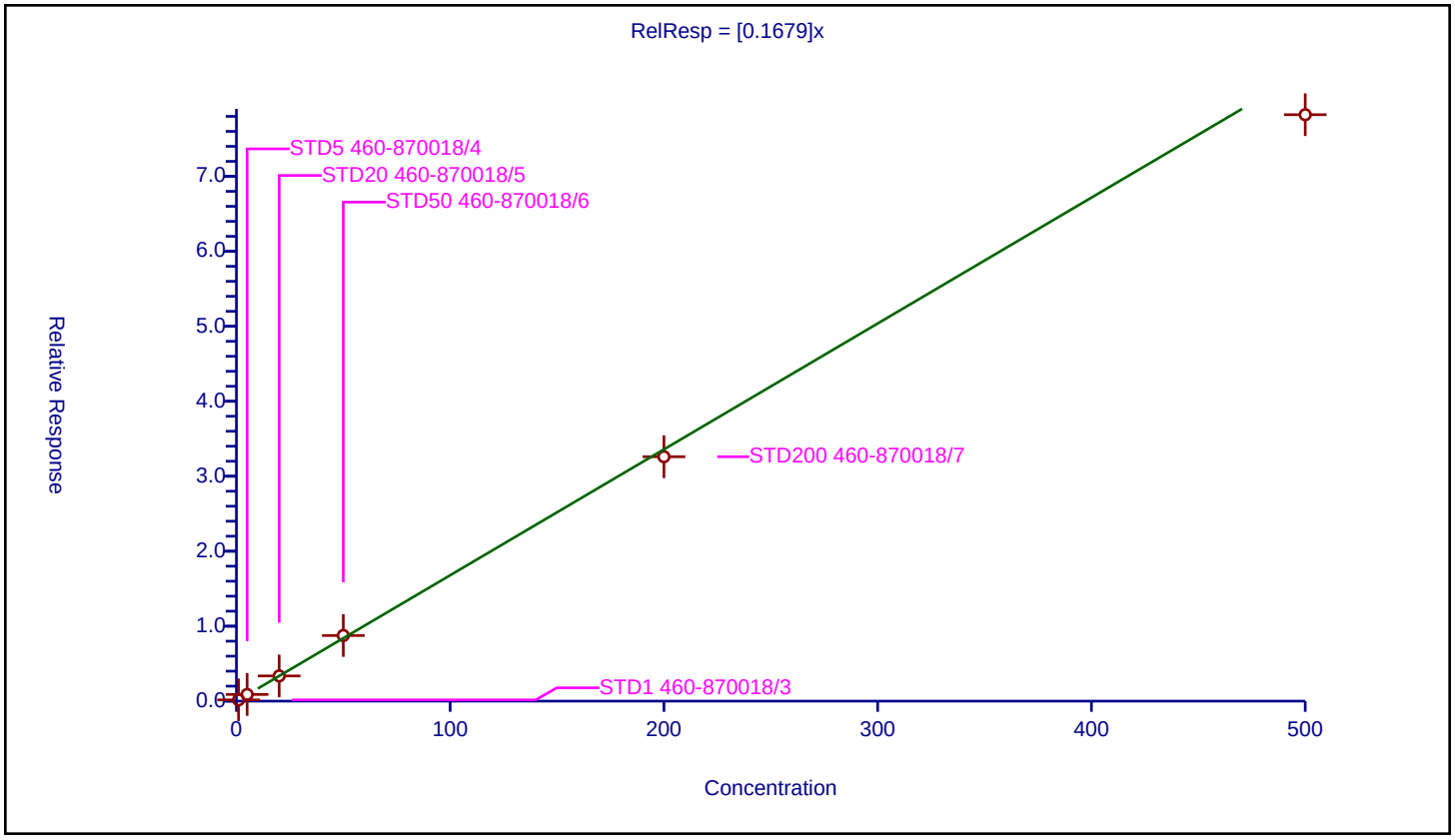
Curve Coefficients

Intercept:	0
Slope:	0.1679

Error Coefficients

Standard Error:	767000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.166649	50.0	633068.0	0.166649	Y
2	STD5 460-870018/4	5.0	0.890677	50.0	652537.0	0.178135	Y
3	STD20 460-870018/5	20.0	3.363763	50.0	700525.0	0.168188	Y
4	STD50 460-870018/6	50.0	8.753637	50.0	739624.0	0.175073	Y
5	STD200 460-870018/7	200.0	32.603198	50.0	871186.0	0.163016	Y
6	STD500 460-870018/8	500.0	78.224902	50.0	1031295.0	0.15645	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

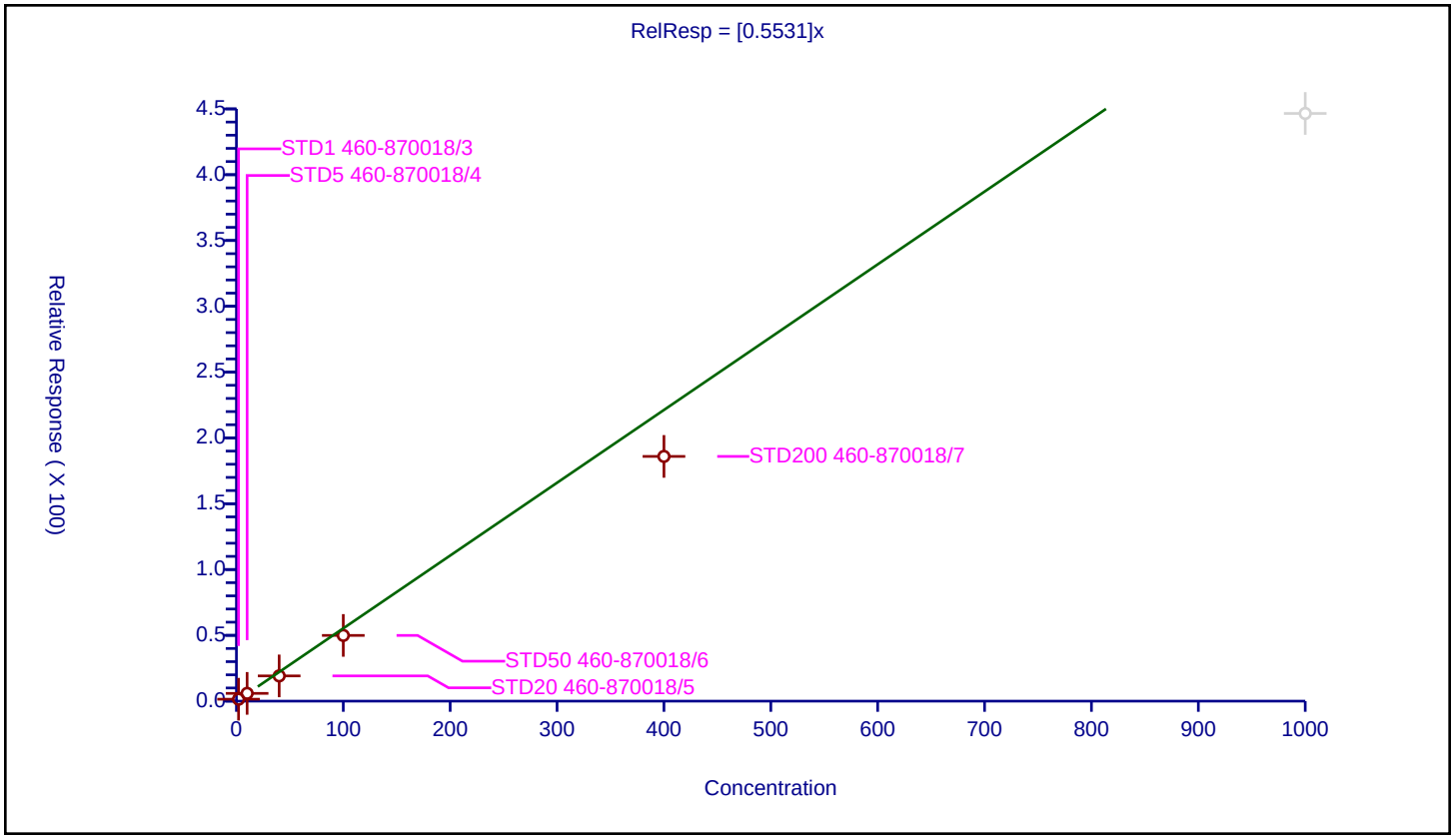
Curve Coefficients

Intercept:	0
Slope:	0.5531

Error Coefficients

Standard Error:	137000
Relative Standard Error:	20.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.941

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	2.0	1.461958	250.0	241286.0	0.730979	Y
2	STD5 460-870018/4	10.0	5.907671	250.0	241635.0	0.590767	Y
3	STD20 460-870018/5	40.0	19.180765	250.0	267286.0	0.479519	Y
4	STD50 460-870018/6	100.0	49.926982	250.0	297189.0	0.49927	Y
5	STD200 460-870018/7	400.0	185.946688	250.0	358307.0	0.464867	Y
6	STD500 460-870018/8	1000.0	446.532825	250.0	426673.0	0.446533	N



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

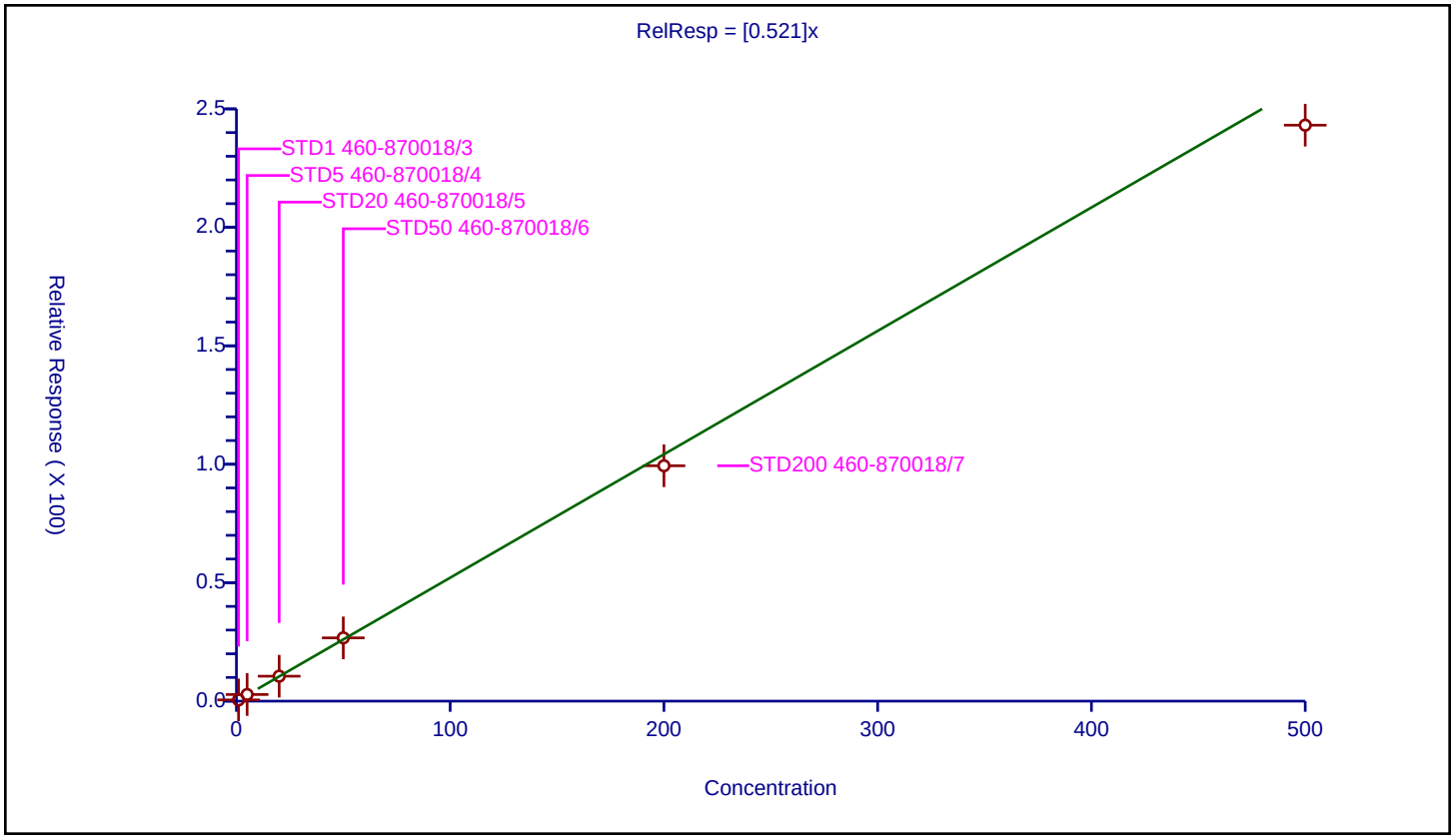
Curve Coefficients

Intercept:	0
Slope:	0.521

Error Coefficients

Standard Error:	2380000
Relative Standard Error:	5.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.522456	50.0	633068.0	0.522456	Y
2	STD5 460-870018/4	5.0	2.798692	50.0	652537.0	0.559738	Y
3	STD20 460-870018/5	20.0	10.529389	50.0	700525.0	0.526469	Y
4	STD50 460-870018/6	50.0	26.703095	50.0	739624.0	0.534062	Y
5	STD200 460-870018/7	200.0	99.362191	50.0	871186.0	0.496811	Y
6	STD500 460-870018/8	500.0	243.12573	50.0	1031295.0	0.486251	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

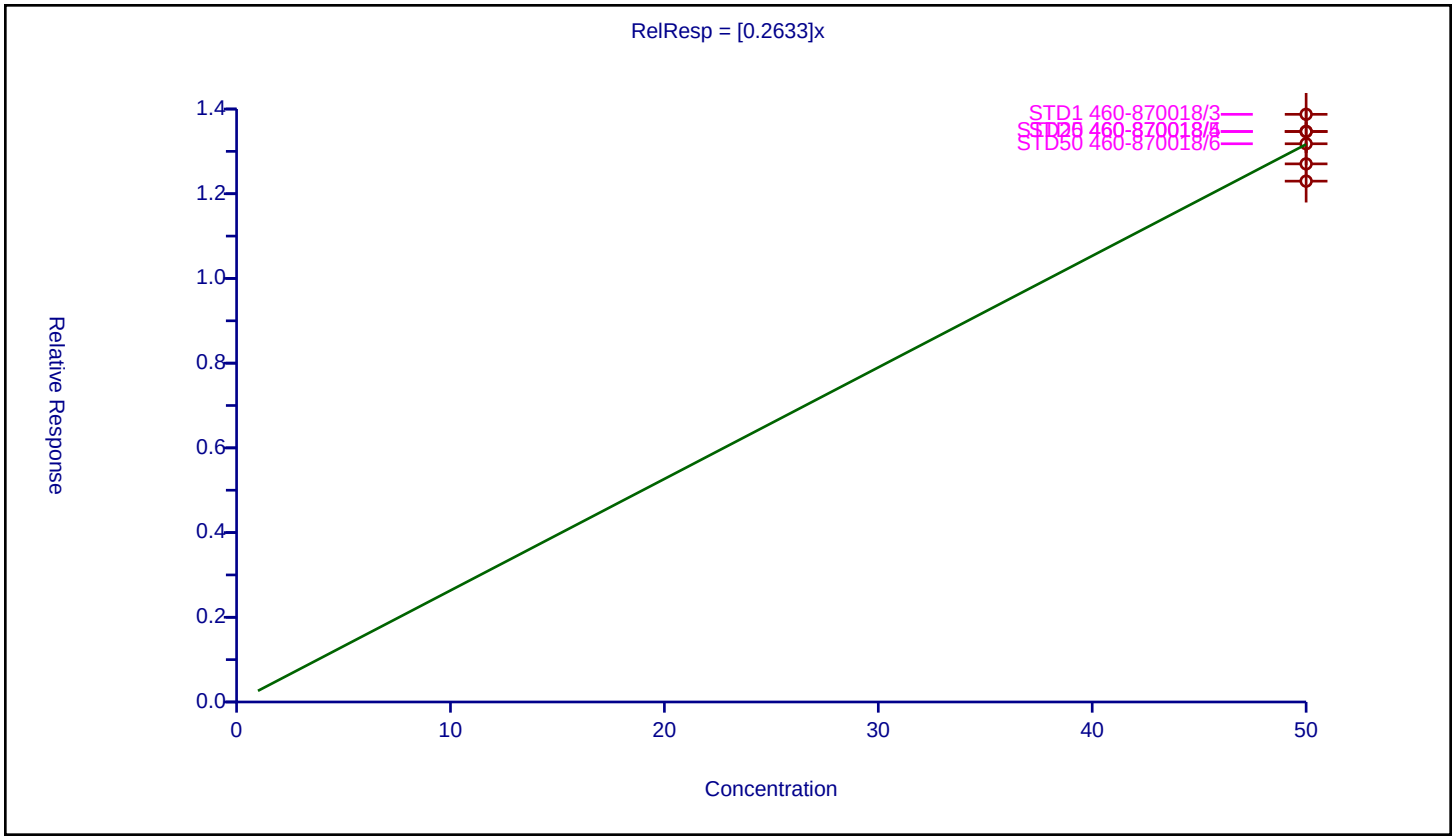
Curve Coefficients

Intercept:	0
Slope:	0.2633

Error Coefficients

Standard Error:	223000
Relative Standard Error:	4.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	50.0	13.874813	50.0	633068.0	0.277496	Y
2	STD5 460-870018/4	50.0	13.467819	50.0	652537.0	0.269356	Y
3	STD20 460-870018/5	50.0	13.470469	50.0	700525.0	0.269409	Y
4	STD50 460-870018/6	50.0	13.179399	50.0	739624.0	0.263588	Y
5	STD200 460-870018/7	50.0	12.705037	50.0	871186.0	0.254101	Y
6	STD500 460-870018/8	50.0	12.297209	50.0	1031295.0	0.245944	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

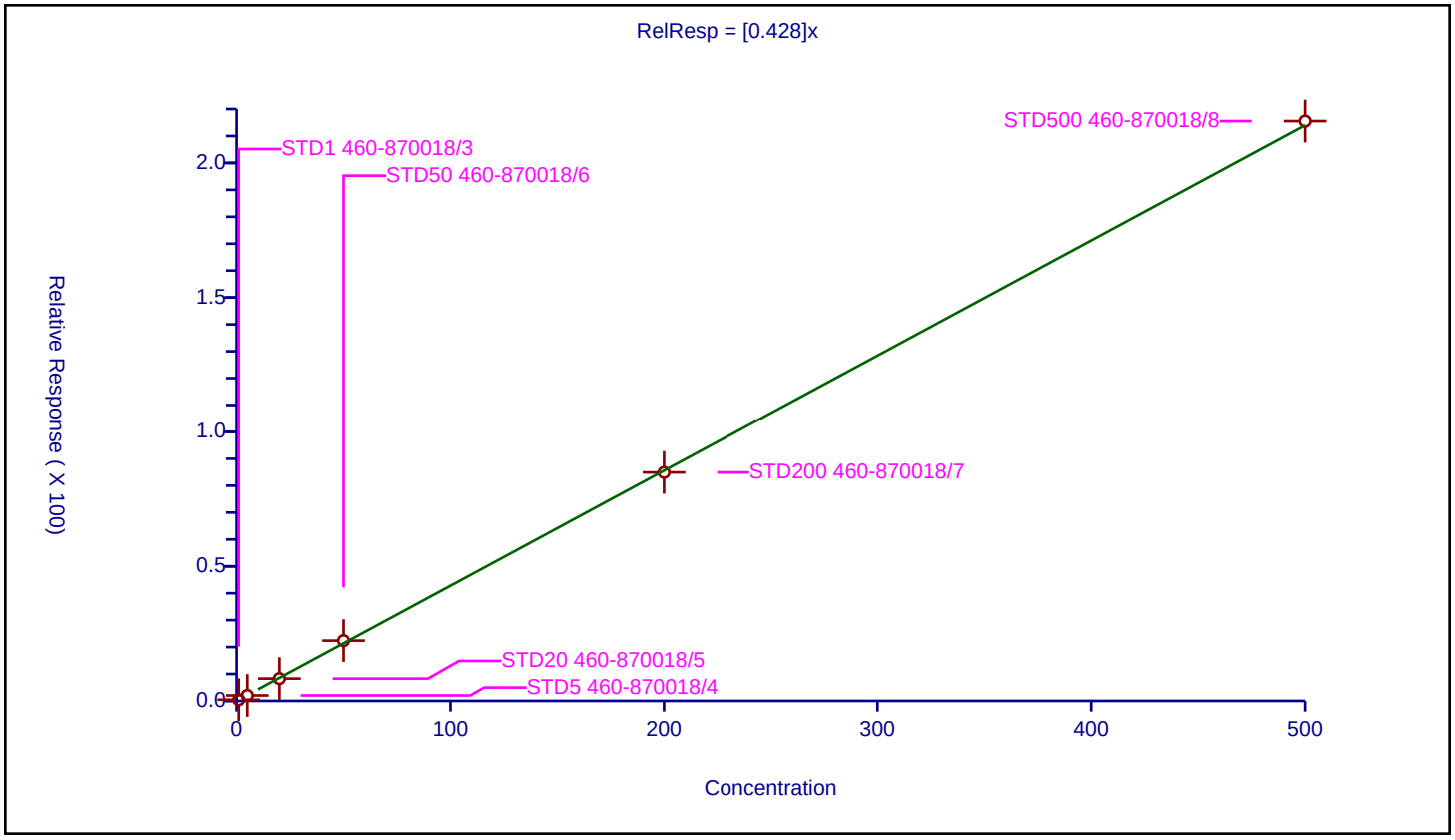
Curve Coefficients

Intercept:	0
Slope:	0.428

Error Coefficients

Standard Error:	2100000
Relative Standard Error:	3.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.444028	50.0	633068.0	0.444028	Y
2	STD5 460-870018/4	5.0	2.029617	50.0	652537.0	0.405923	Y
3	STD20 460-870018/5	20.0	8.286714	50.0	700525.0	0.414336	Y
4	STD50 460-870018/6	50.0	22.390566	50.0	739624.0	0.447811	Y
5	STD200 460-870018/7	200.0	84.920442	50.0	871186.0	0.424602	Y
6	STD500 460-870018/8	500.0	215.536049	50.0	1031295.0	0.431072	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

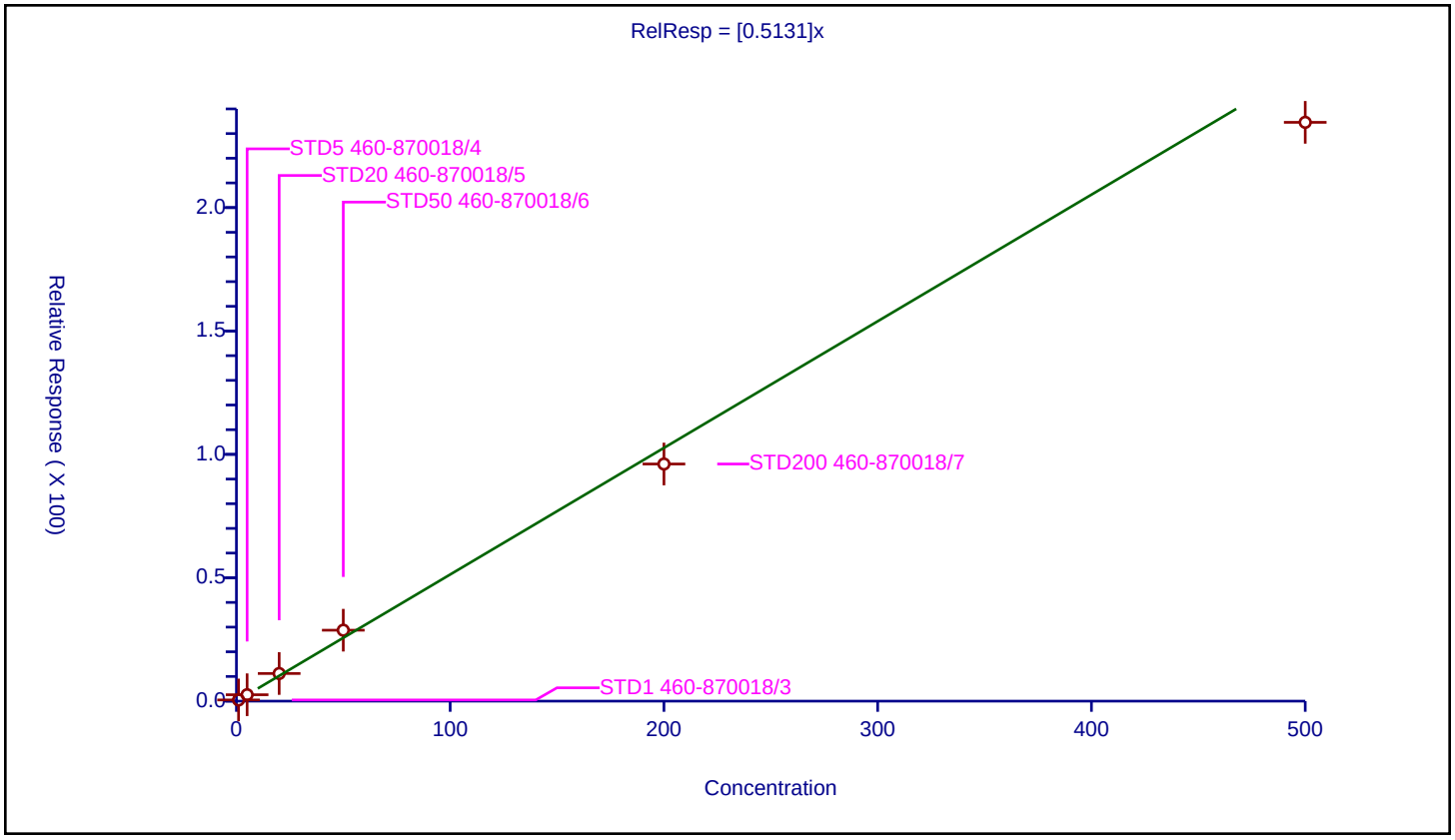
Curve Coefficients

Intercept:	0
Slope:	0.5131

Error Coefficients

Standard Error:	2300000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.475225	50.0	633068.0	0.475225	Y
2	STD5 460-870018/4	5.0	2.596634	50.0	652537.0	0.519327	Y
3	STD20 460-870018/5	20.0	11.19282	50.0	700525.0	0.559641	Y
4	STD50 460-870018/6	50.0	28.74589	50.0	739624.0	0.574918	Y
5	STD200 460-870018/7	200.0	96.092798	50.0	871186.0	0.480464	Y
6	STD500 460-870018/8	500.0	234.55408	50.0	1031295.0	0.469108	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

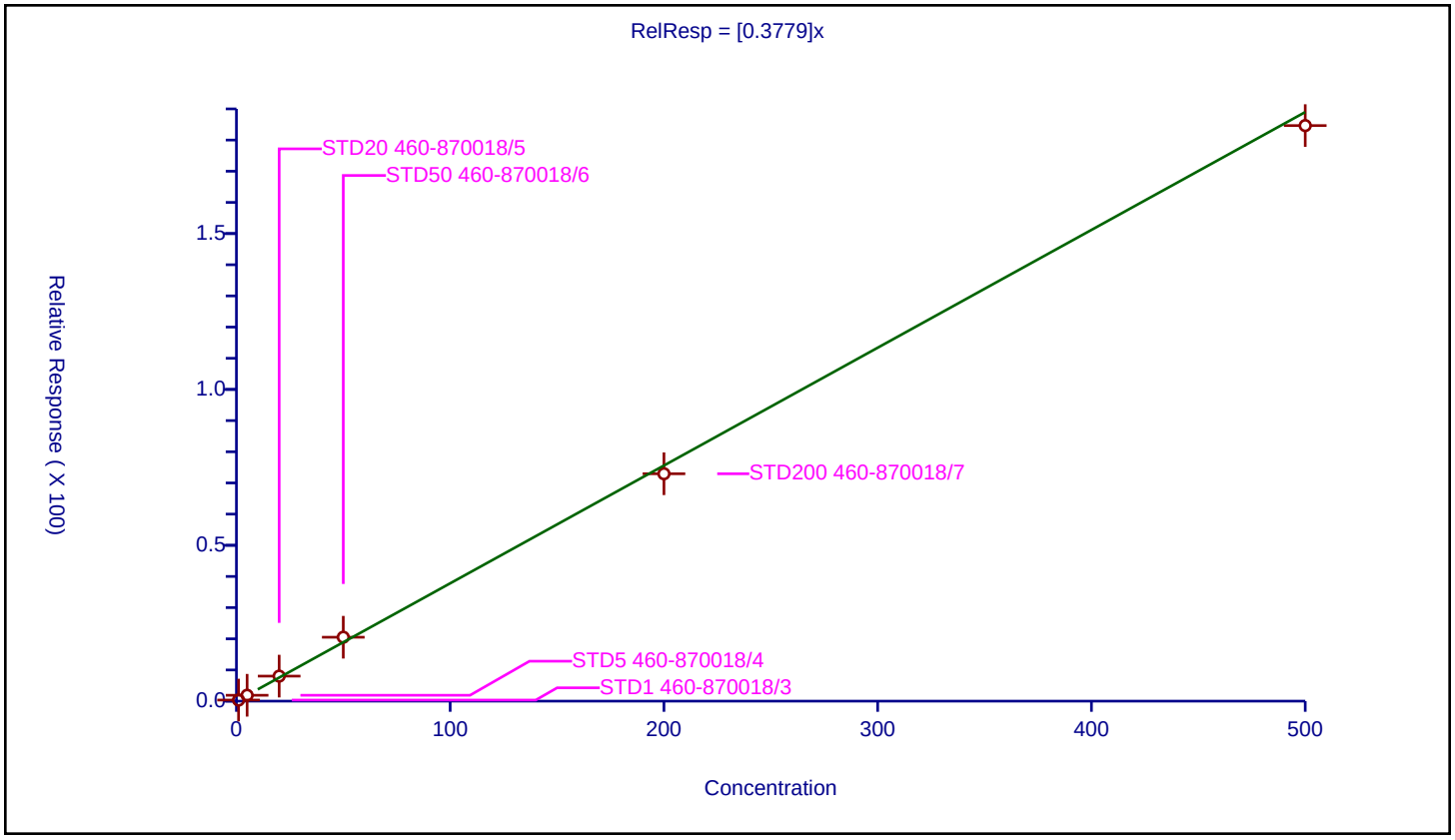
Curve Coefficients

Intercept:	0
Slope:	0.3779

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	6.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.345303	50.0	633068.0	0.345303	Y
2	STD5 460-870018/4	5.0	1.884031	50.0	652537.0	0.376806	Y
3	STD20 460-870018/5	20.0	8.027622	50.0	700525.0	0.401381	Y
4	STD50 460-870018/6	50.0	20.505216	50.0	739624.0	0.410104	Y
5	STD200 460-870018/7	200.0	72.94797	50.0	871186.0	0.36474	Y
6	STD500 460-870018/8	500.0	184.64644	50.0	1031295.0	0.369293	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

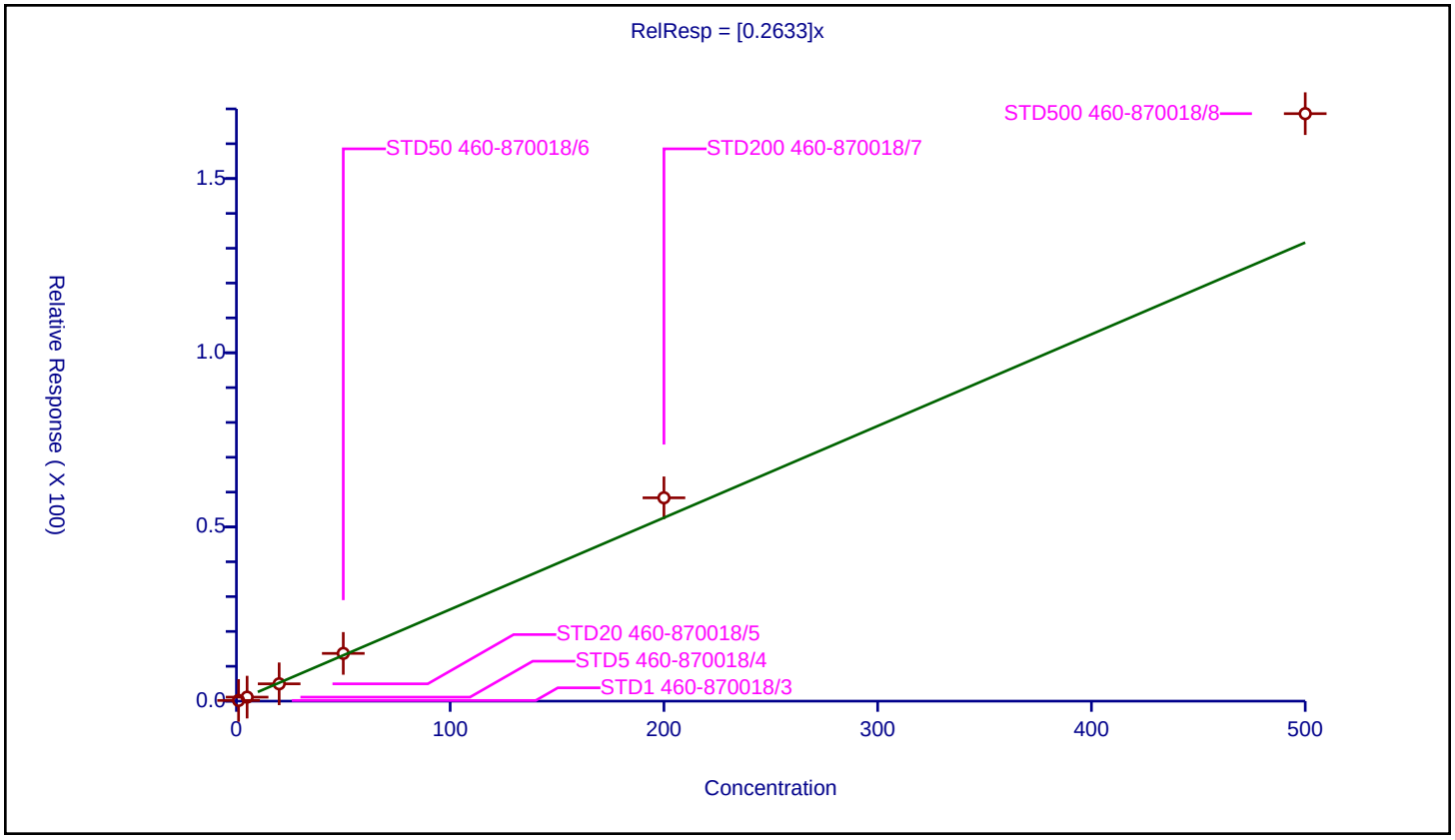
Curve Coefficients

Intercept:	0
Slope:	0.2633

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	18.7
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.197293	50.0	633068.0	0.197293	Y
2	STD5 460-870018/4	5.0	1.151046	50.0	652537.0	0.230209	Y
3	STD20 460-870018/5	20.0	4.976054	50.0	700525.0	0.248803	Y
4	STD50 460-870018/6	50.0	13.706627	50.0	739624.0	0.274133	Y
5	STD200 460-870018/7	200.0	58.368534	50.0	871186.0	0.291843	Y
6	STD500 460-870018/8	500.0	168.634047	50.0	1031295.0	0.337268	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

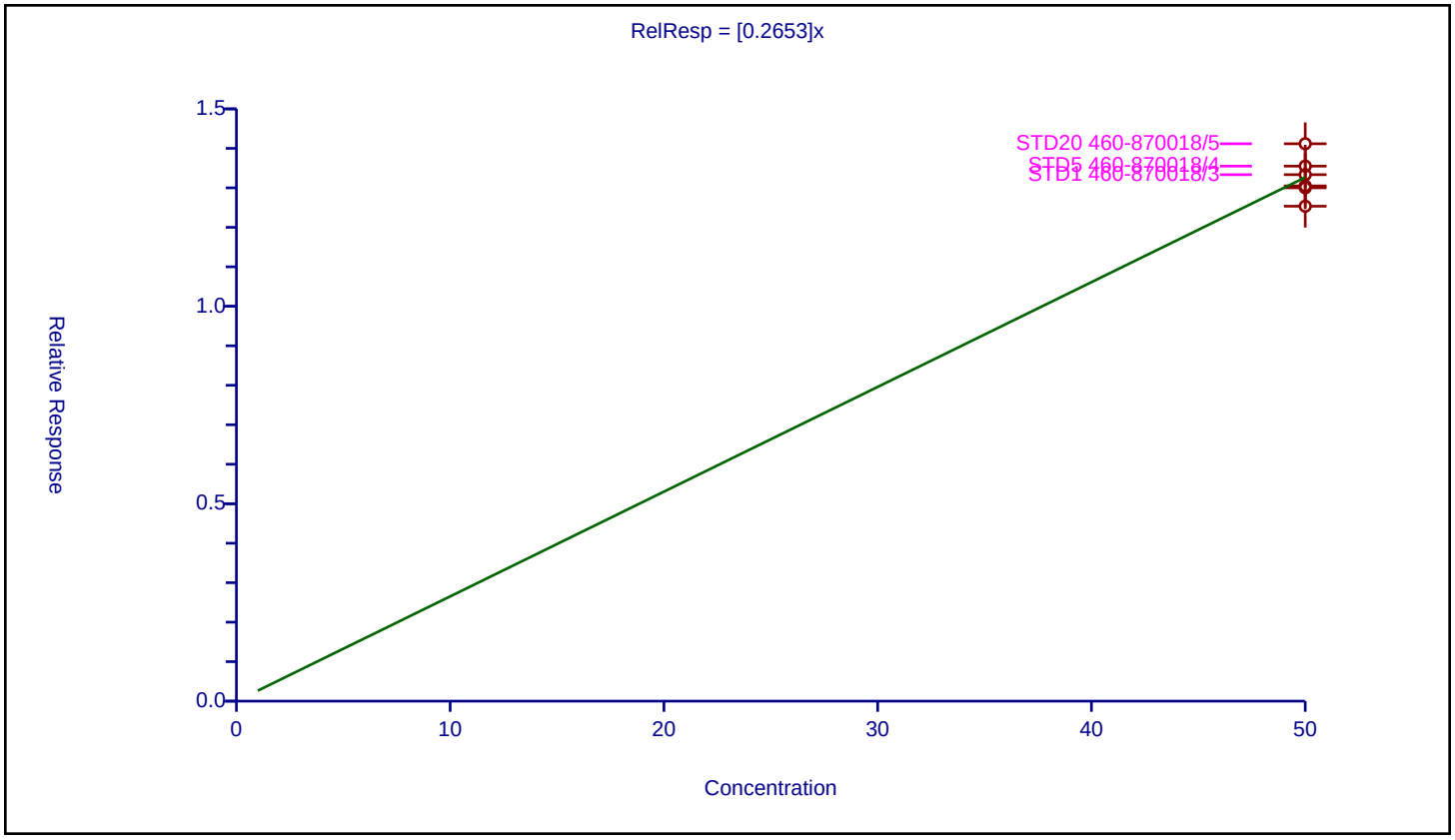
Curve Coefficients

Intercept:	0
Slope:	0.2653

Error Coefficients

Standard Error:	226000
Relative Standard Error:	4.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	50.0	13.333797	50.0	633068.0	0.266676	Y
2	STD5 460-870018/4	50.0	13.550113	50.0	652537.0	0.271002	Y
3	STD20 460-870018/5	50.0	14.117055	50.0	700525.0	0.282341	Y
4	STD50 460-870018/6	50.0	13.001065	50.0	739624.0	0.260021	Y
5	STD200 460-870018/7	50.0	13.048936	50.0	871186.0	0.260979	Y
6	STD500 460-870018/8	50.0	12.535259	50.0	1031295.0	0.250705	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

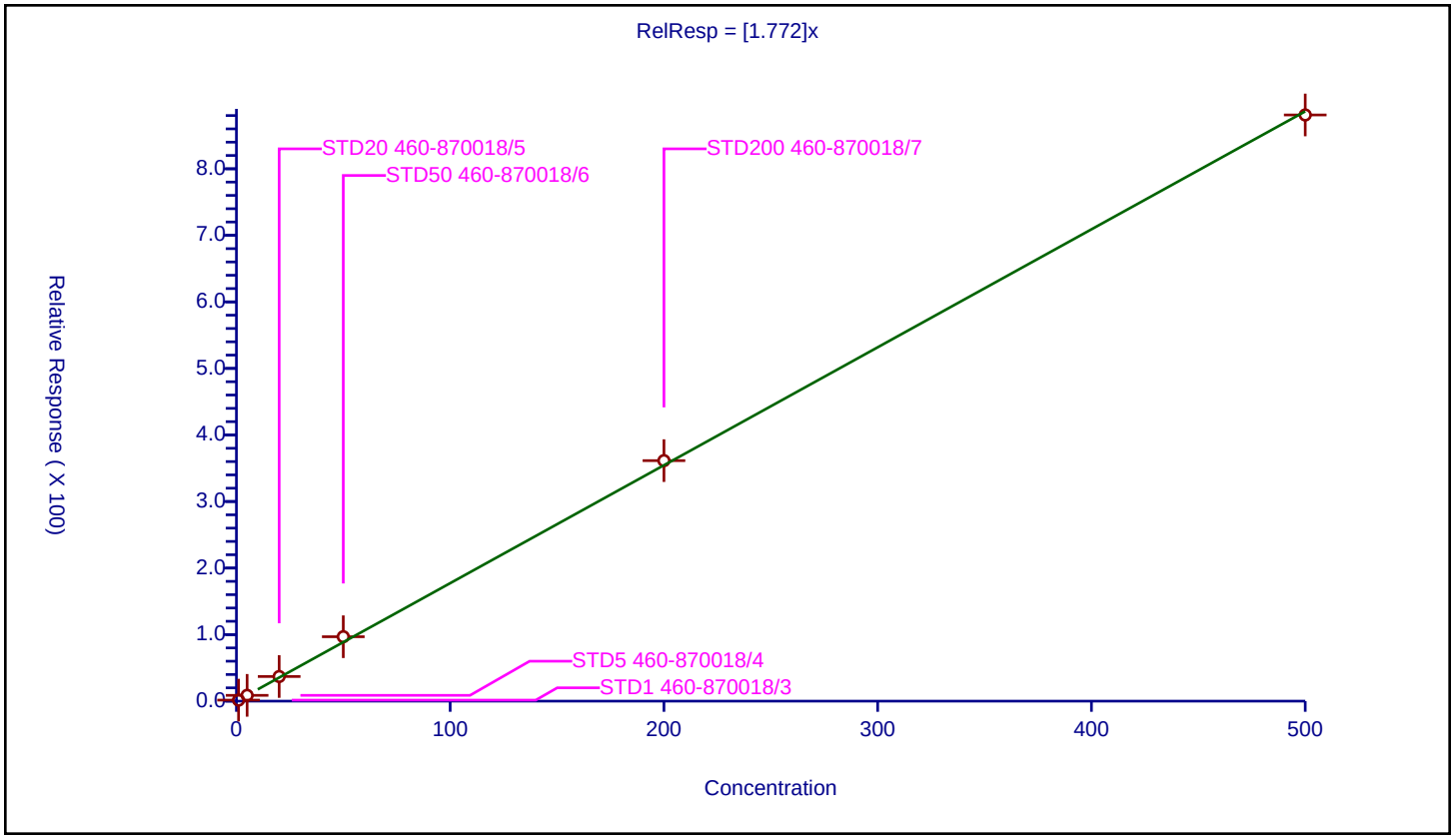
Curve Coefficients

Intercept:	0
Slope:	1.772

Error Coefficients

Standard Error:	5610000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.539451	50.0	418136.0	1.539451	Y
2	STD5 460-870018/4	5.0	8.700449	50.0	425524.0	1.74009	Y
3	STD20 460-870018/5	20.0	37.010608	50.0	442973.0	1.85053	Y
4	STD50 460-870018/6	50.0	96.795268	50.0	464251.0	1.935905	Y
5	STD200 460-870018/7	200.0	361.436625	50.0	547067.0	1.807183	Y
6	STD500 460-870018/8	500.0	880.890564	50.0	673798.0	1.761781	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

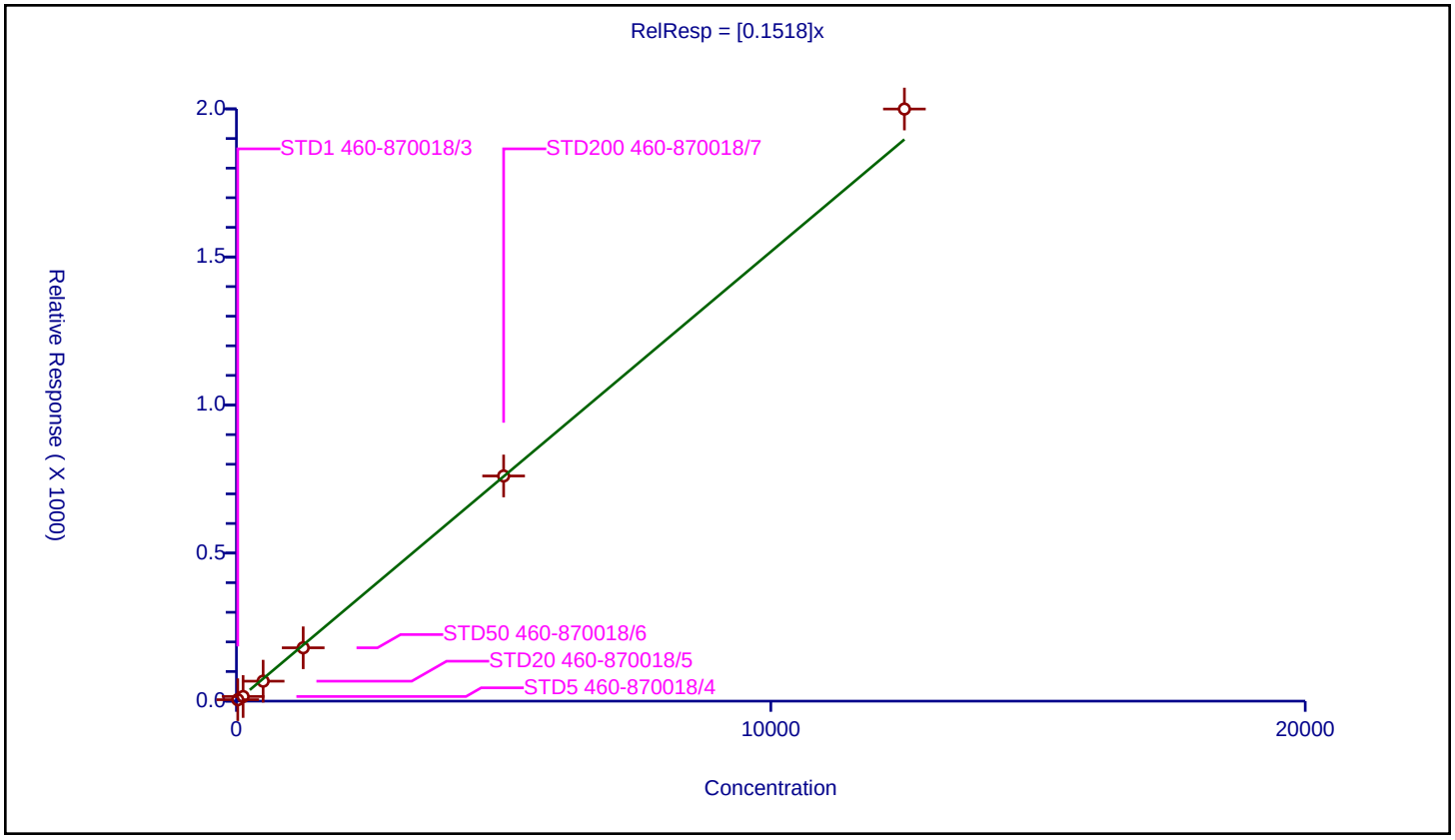
Curve Coefficients

Intercept:	0
Slope:	0.1518

Error Coefficients

Standard Error:	453000
Relative Standard Error:	16.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	25.0	4.860292	1000.0	295867.0	0.194412	Y
2	STD5 460-870018/4	125.0	15.628639	1000.0	279103.0	0.125029	Y
3	STD20 460-870018/5	500.0	67.44898	1000.0	303459.0	0.134898	Y
4	STD50 460-870018/6	1250.0	180.195745	1000.0	328182.0	0.144157	Y
5	STD200 460-870018/7	5000.0	760.398397	1000.0	413357.0	0.15208	Y
6	STD500 460-870018/8	12500.0	1999.510507	1000.0	482132.0	0.159961	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

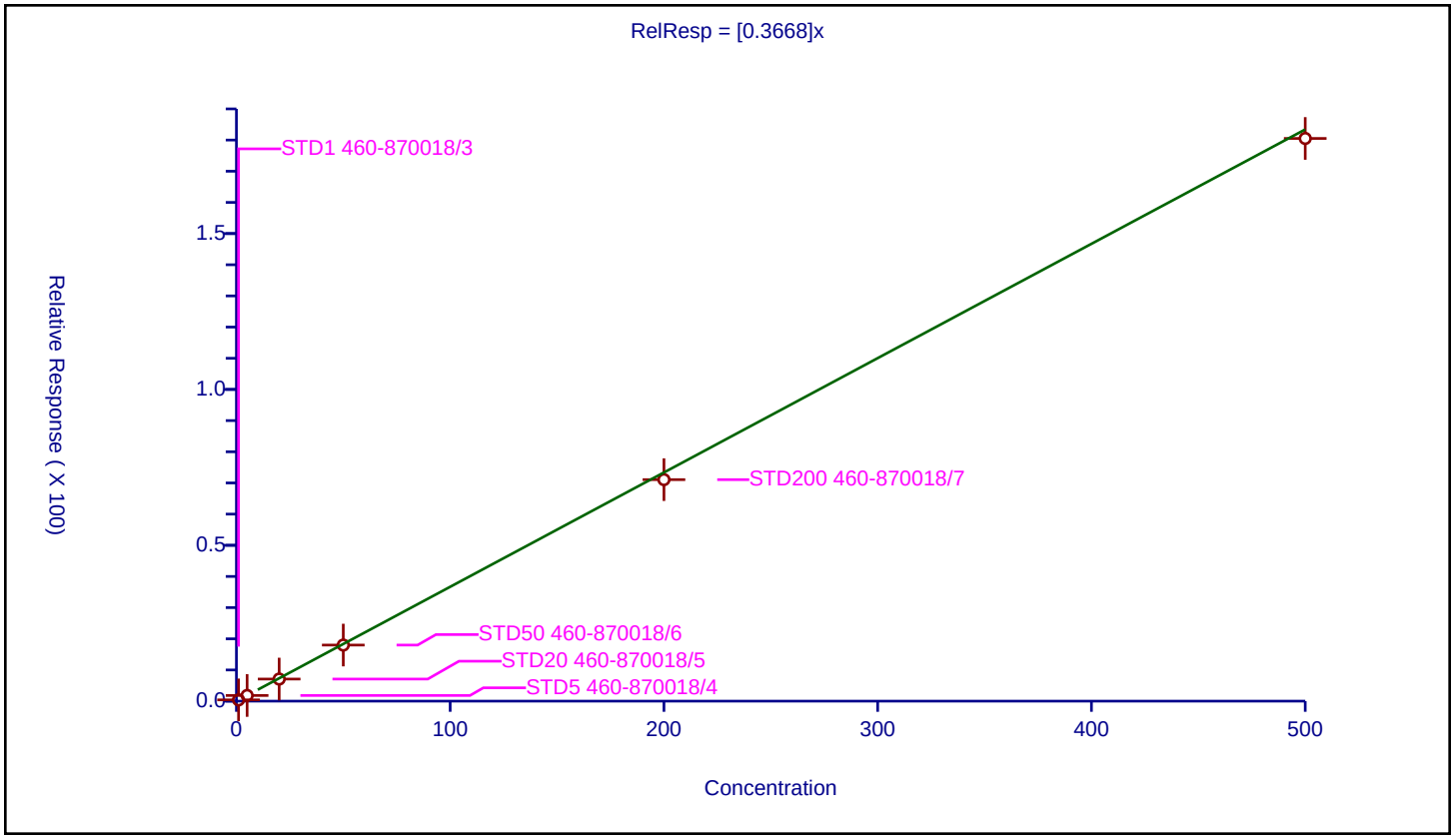
Curve Coefficients

Intercept:	0
Slope:	0.3668

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	5.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.40667	50.0	633068.0	0.40667	Y
2	STD5 460-870018/4	5.0	1.818594	50.0	652537.0	0.363719	Y
3	STD20 460-870018/5	20.0	7.084115	50.0	700525.0	0.354206	Y
4	STD50 460-870018/6	50.0	17.990222	50.0	739624.0	0.359804	Y
5	STD200 460-870018/7	200.0	71.060543	50.0	871186.0	0.355303	Y
6	STD500 460-870018/8	500.0	180.512802	50.0	1031295.0	0.361026	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

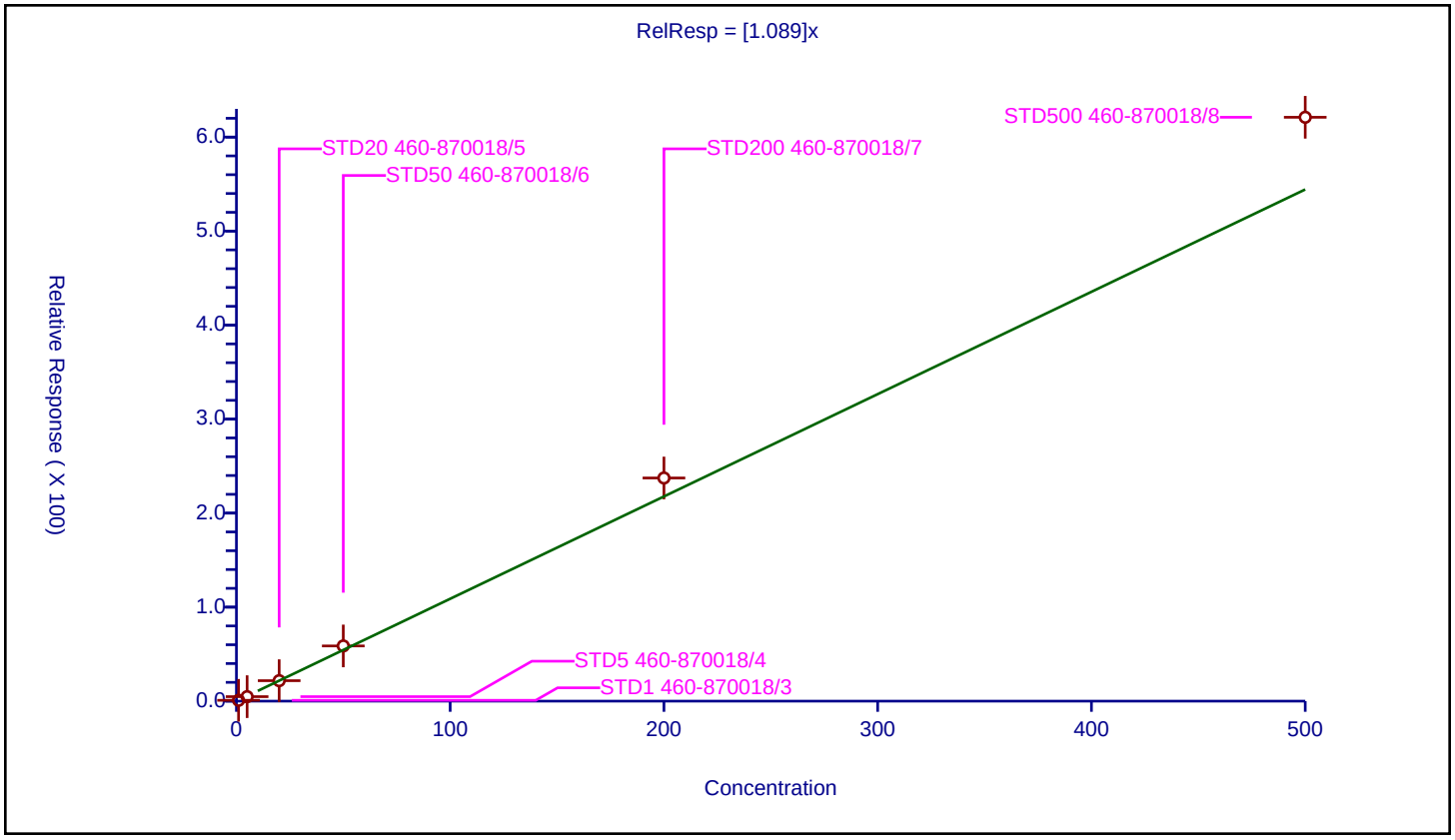
Curve Coefficients

Intercept:	0
Slope:	1.089

Error Coefficients

Standard Error:	6030000
Relative Standard Error:	13.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.883791	50.0	633068.0	0.883791	Y
2	STD5 460-870018/4	5.0	4.774059	50.0	652537.0	0.954812	Y
3	STD20 460-870018/5	20.0	21.784876	50.0	700525.0	1.089244	Y
4	STD50 460-870018/6	50.0	58.728083	50.0	739624.0	1.174562	Y
5	STD200 460-870018/7	200.0	237.375141	50.0	871186.0	1.186876	Y
6	STD500 460-870018/8	500.0	621.084656	50.0	1031295.0	1.242169	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

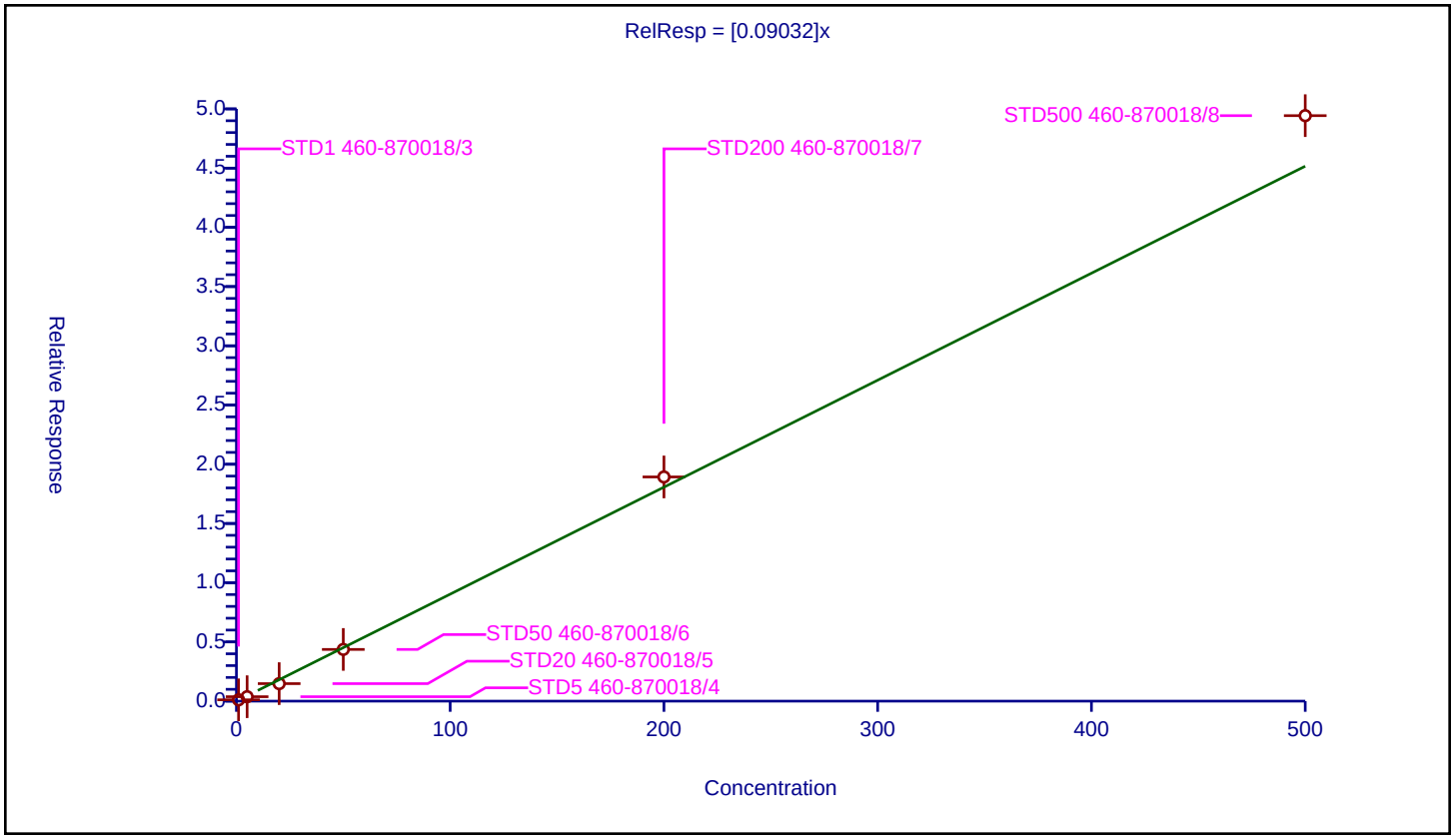
Curve Coefficients

Intercept:	0
Slope:	0.09032

Error Coefficients

Standard Error:	480000
Relative Standard Error:	16.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.112152	50.0	633068.0	0.112152	Y
2	STD5 460-870018/4	5.0	0.375304	50.0	652537.0	0.075061	Y
3	STD20 460-870018/5	20.0	1.478106	50.0	700525.0	0.073905	Y
4	STD50 460-870018/6	50.0	4.366543	50.0	739624.0	0.087331	Y
5	STD200 460-870018/7	200.0	18.927359	50.0	871186.0	0.094637	Y
6	STD500 460-870018/8	500.0	49.429552	50.0	1031295.0	0.098859	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

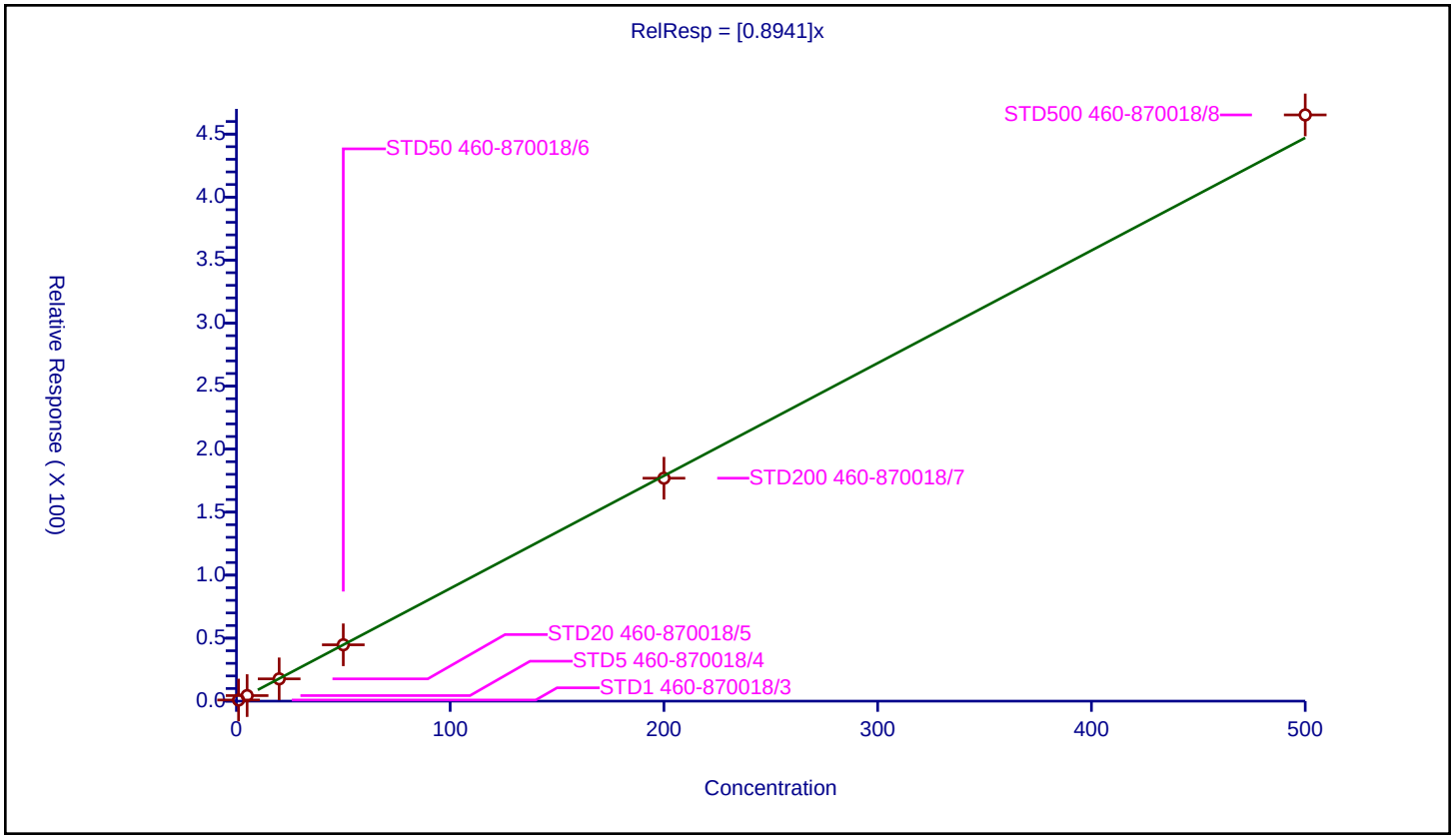
Curve Coefficients

Intercept:	0
Slope:	0.8941

Error Coefficients

Standard Error:	4520000
Relative Standard Error:	2.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.892163	50.0	633068.0	0.892163	Y
2	STD5 460-870018/4	5.0	4.397682	50.0	652537.0	0.879536	Y
3	STD20 460-870018/5	20.0	17.673531	50.0	700525.0	0.883677	Y
4	STD50 460-870018/6	50.0	44.710556	50.0	739624.0	0.894211	Y
5	STD200 460-870018/7	200.0	176.927373	50.0	871186.0	0.884637	Y
6	STD500 460-870018/8	500.0	465.222512	50.0	1031295.0	0.930445	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

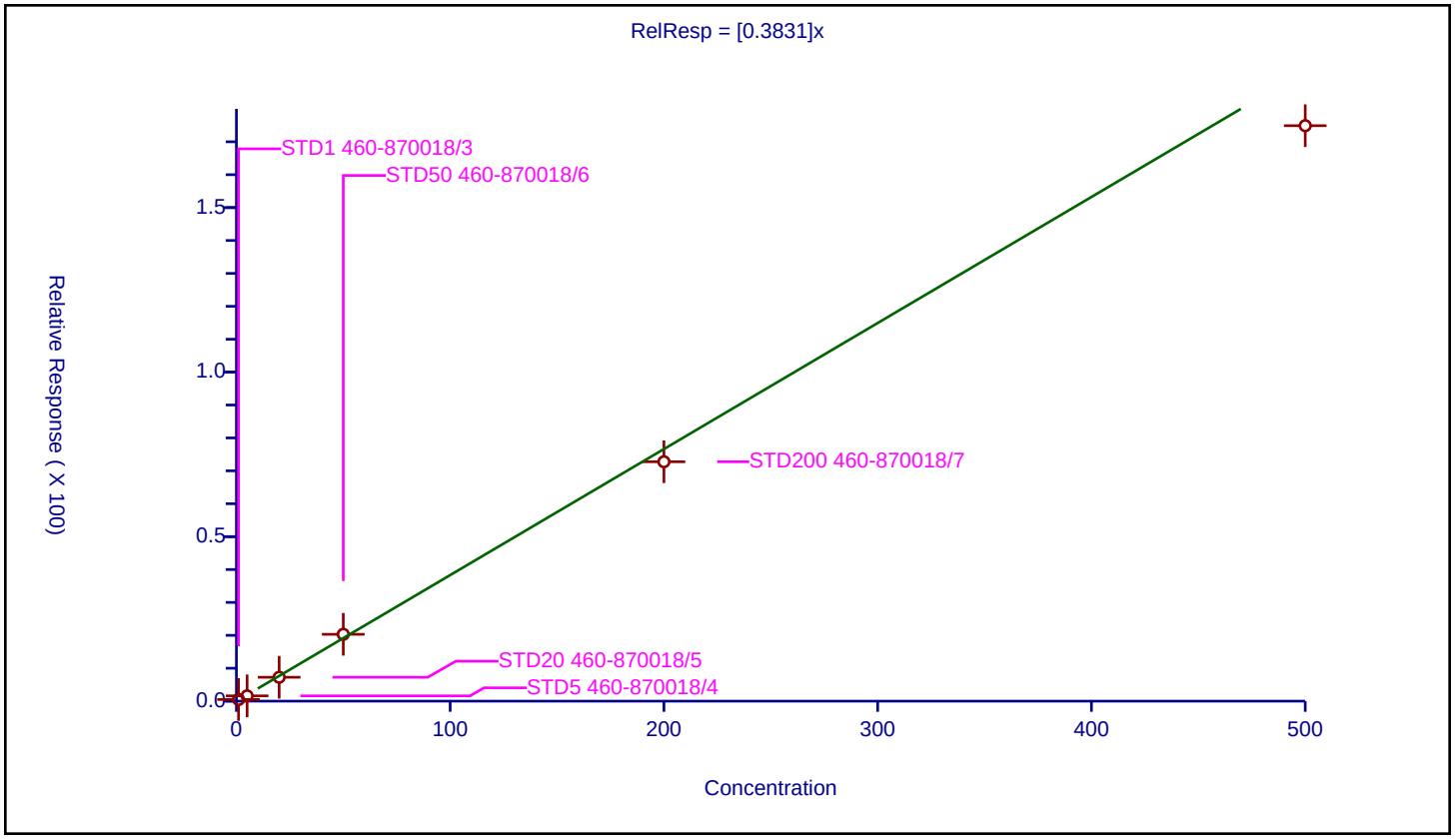
Curve Coefficients

Intercept:	0
Slope:	0.3831

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	16.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.494734	50.0	633068.0	0.494734	Y
2	STD5 460-870018/4	5.0	1.605196	50.0	652537.0	0.321039	Y
3	STD20 460-870018/5	20.0	7.253988	50.0	700525.0	0.362699	Y
4	STD50 460-870018/6	50.0	20.317756	50.0	739624.0	0.406355	Y
5	STD200 460-870018/7	200.0	72.760122	50.0	871186.0	0.363801	Y
6	STD500 460-870018/8	500.0	174.892732	50.0	1031295.0	0.349785	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

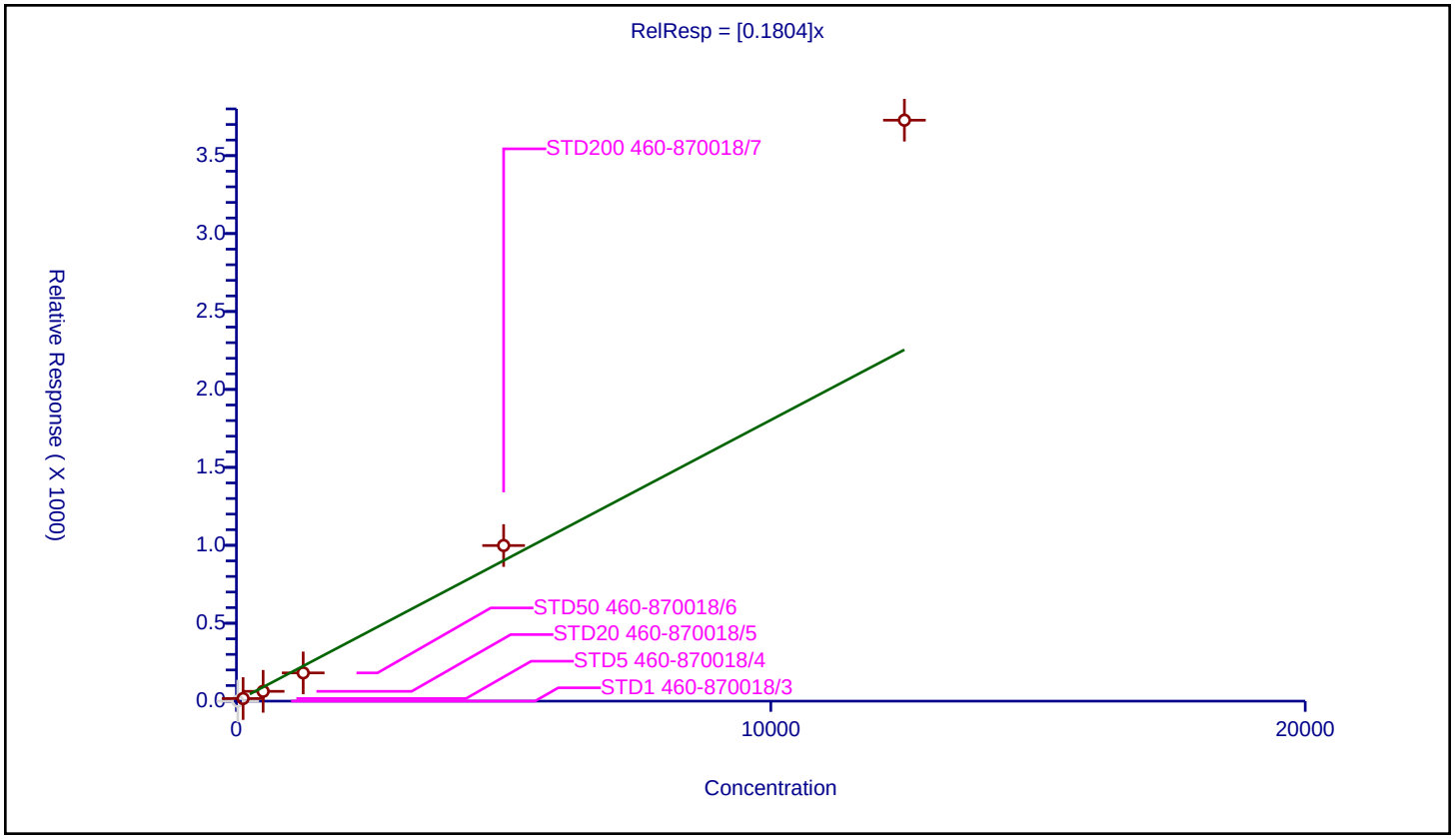
Curve Coefficients

Intercept:	0
Slope:	0.1804

Error Coefficients

Standard Error:	921000
Relative Standard Error:	39.9
Correlation Coefficient:	0.974
Coefficient of Determination (Adjusted):	0.863

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	25.0	0.0	1000.0	295867.0	0.0	N
2	STD5 460-870018/4	125.0	16.631853	1000.0	279103.0	0.133055	Y
3	STD20 460-870018/5	500.0	62.934367	1000.0	303459.0	0.125869	Y
4	STD50 460-870018/6	1250.0	181.31098	1000.0	328182.0	0.145049	Y
5	STD200 460-870018/7	5000.0	998.480732	1000.0	413357.0	0.199696	Y
6	STD500 460-870018/8	12500.0	3727.520679	1000.0	482132.0	0.298202	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

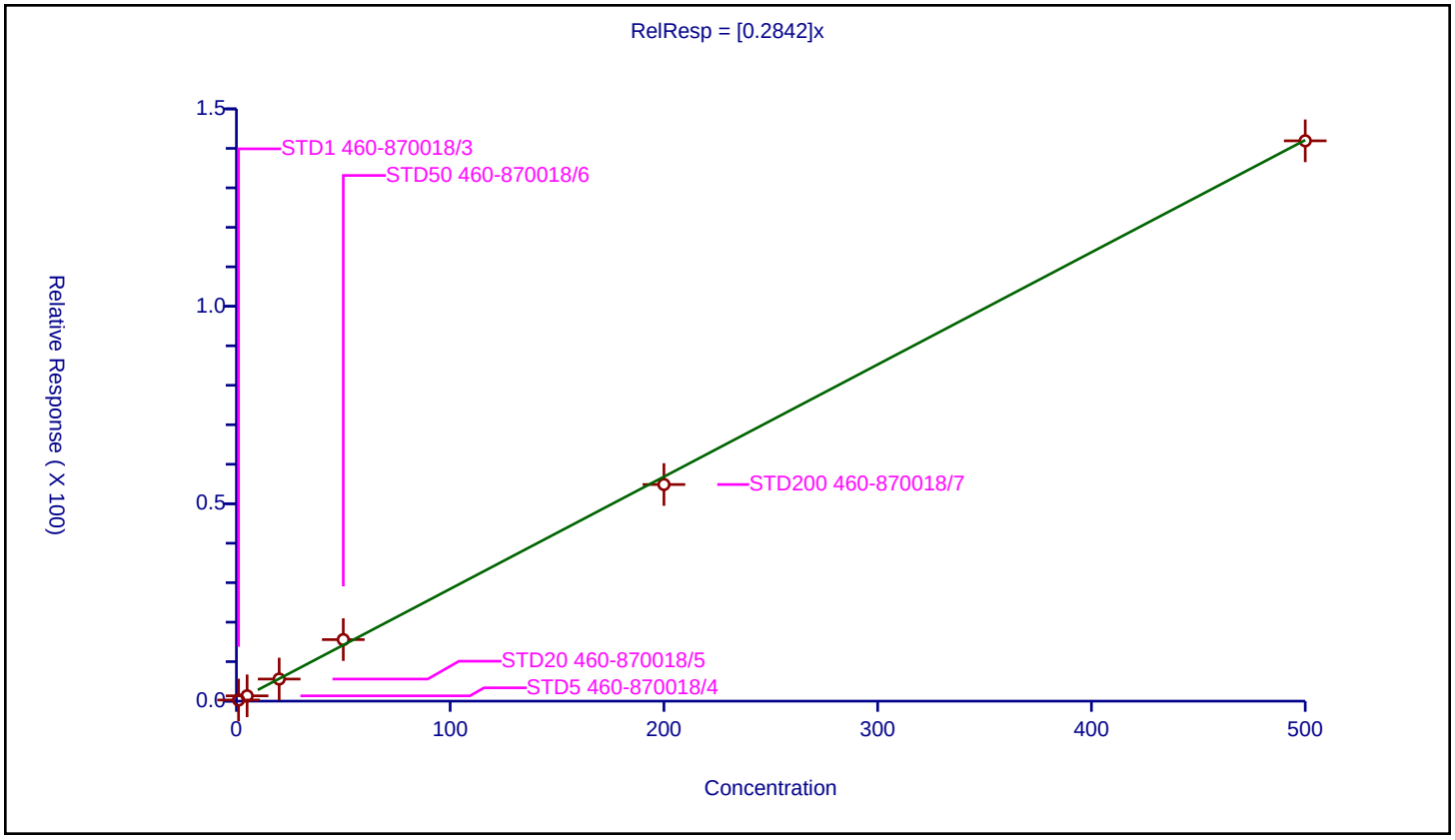
Curve Coefficients

Intercept:	0
Slope:	0.2842

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	5.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.28662	50.0	633068.0	0.28662	Y
2	STD5 460-870018/4	5.0	1.344751	50.0	652537.0	0.26895	Y
3	STD20 460-870018/5	20.0	5.596231	50.0	700525.0	0.279812	Y
4	STD50 460-870018/6	50.0	15.583391	50.0	739624.0	0.311668	Y
5	STD200 460-870018/7	200.0	54.866814	50.0	871186.0	0.274334	Y
6	STD500 460-870018/8	500.0	141.909686	50.0	1031295.0	0.283819	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

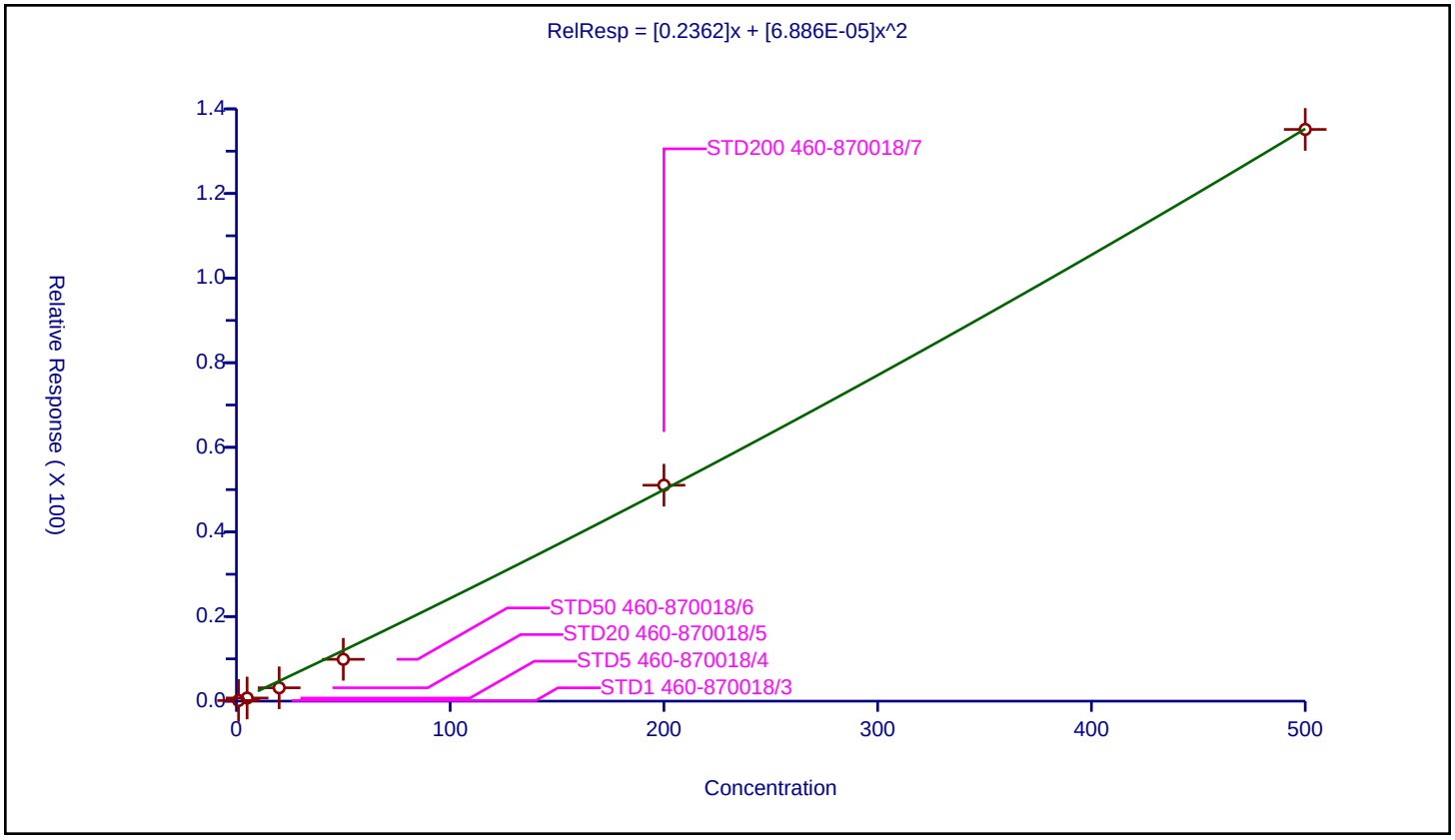
Curve Coefficients

Intercept:	0
Slope:	0.2362
Second Order:	6.886E-05

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	33.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.142244	50.0	633068.0	0.142244	Y
2	STD5 460-870018/4	5.0	0.739345	50.0	652537.0	0.147869	Y
3	STD20 460-870018/5	20.0	3.158131	50.0	700525.0	0.157907	Y
4	STD50 460-870018/6	50.0	9.885158	50.0	739624.0	0.197703	Y
5	STD200 460-870018/7	200.0	51.045988	50.0	871186.0	0.25523	Y
6	STD500 460-870018/8	500.0	135.148963	50.0	1031295.0	0.270298	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

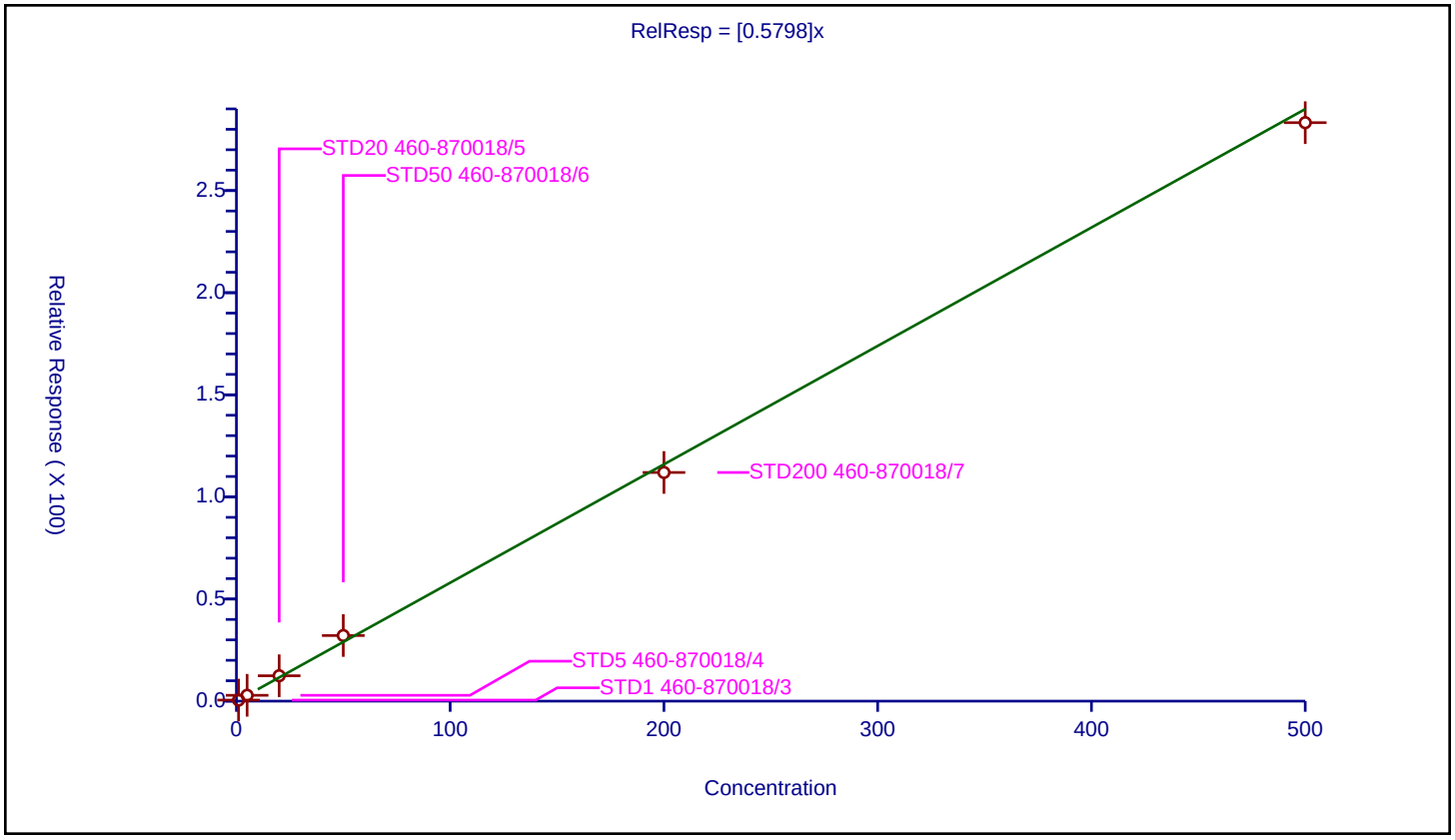
Curve Coefficients

Intercept:	0
Slope:	0.5798

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	7.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.516453	50.0	633068.0	0.516453	Y
2	STD5 460-870018/4	5.0	2.858688	50.0	652537.0	0.571738	Y
3	STD20 460-870018/5	20.0	12.430177	50.0	700525.0	0.621509	Y
4	STD50 460-870018/6	50.0	32.127878	50.0	739624.0	0.642558	Y
5	STD200 460-870018/7	200.0	111.967594	50.0	871186.0	0.559838	Y
6	STD500 460-870018/8	500.0	283.252173	50.0	1031295.0	0.566504	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

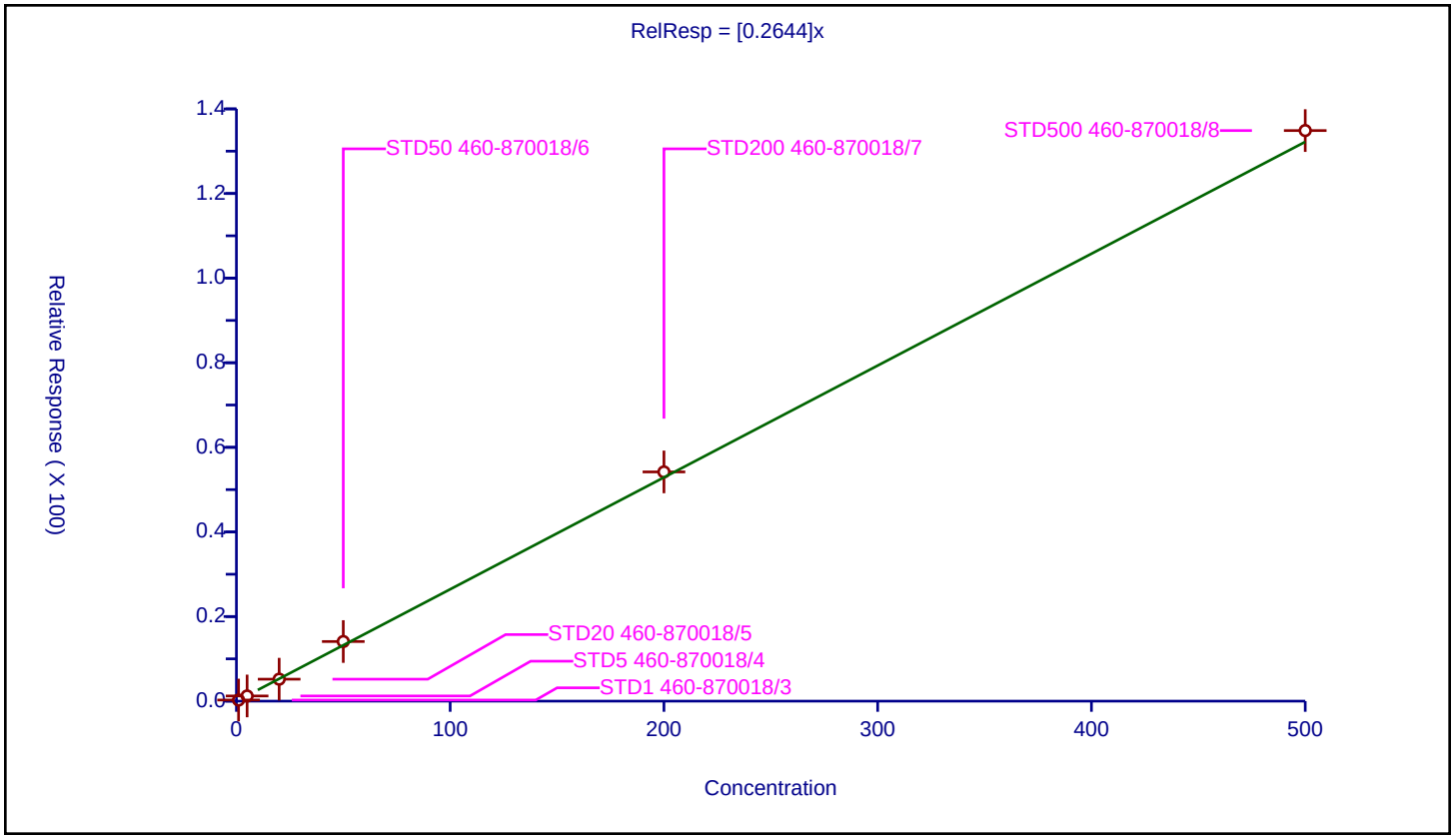
Curve Coefficients

Intercept:	0
Slope:	0.2644

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.258977	50.0	633068.0	0.258977	Y
2	STD5 460-870018/4	5.0	1.227057	50.0	652537.0	0.245411	Y
3	STD20 460-870018/5	20.0	5.191035	50.0	700525.0	0.259552	Y
4	STD50 460-870018/6	50.0	14.09189	50.0	739624.0	0.281838	Y
5	STD200 460-870018/7	200.0	54.187395	50.0	871186.0	0.270937	Y
6	STD500 460-870018/8	500.0	134.877702	50.0	1031295.0	0.269755	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

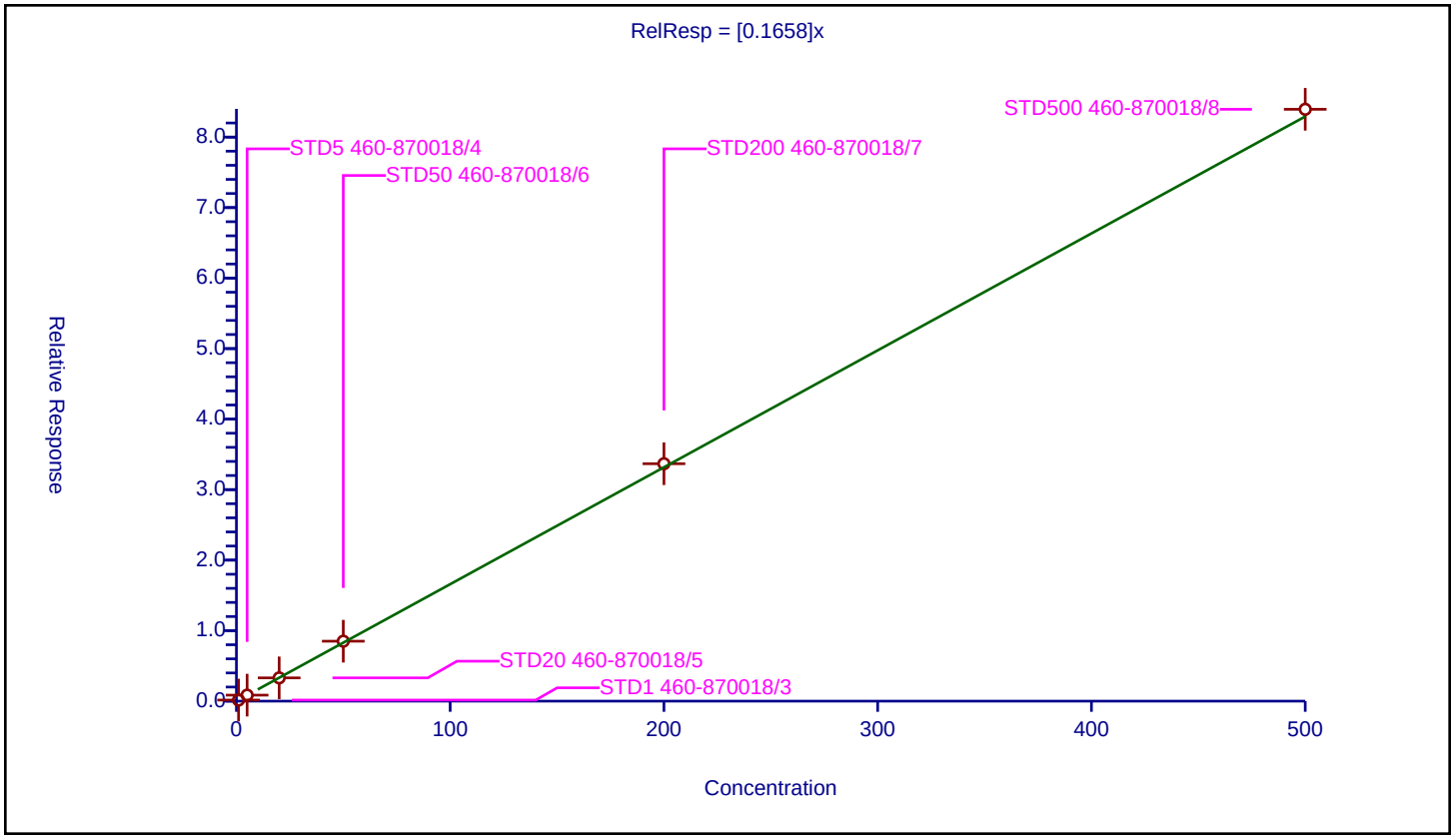
Curve Coefficients

Intercept:	0
Slope:	0.1658

Error Coefficients

Standard Error:	820000
Relative Standard Error:	3.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.153301	50.0	633068.0	0.153301	Y
2	STD5 460-870018/4	5.0	0.852442	50.0	652537.0	0.170488	Y
3	STD20 460-870018/5	20.0	3.299597	50.0	700525.0	0.16498	Y
4	STD50 460-870018/6	50.0	8.499859	50.0	739624.0	0.169997	Y
5	STD200 460-870018/7	200.0	33.675817	50.0	871186.0	0.168379	Y
6	STD500 460-870018/8	500.0	83.944119	50.0	1031295.0	0.167888	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

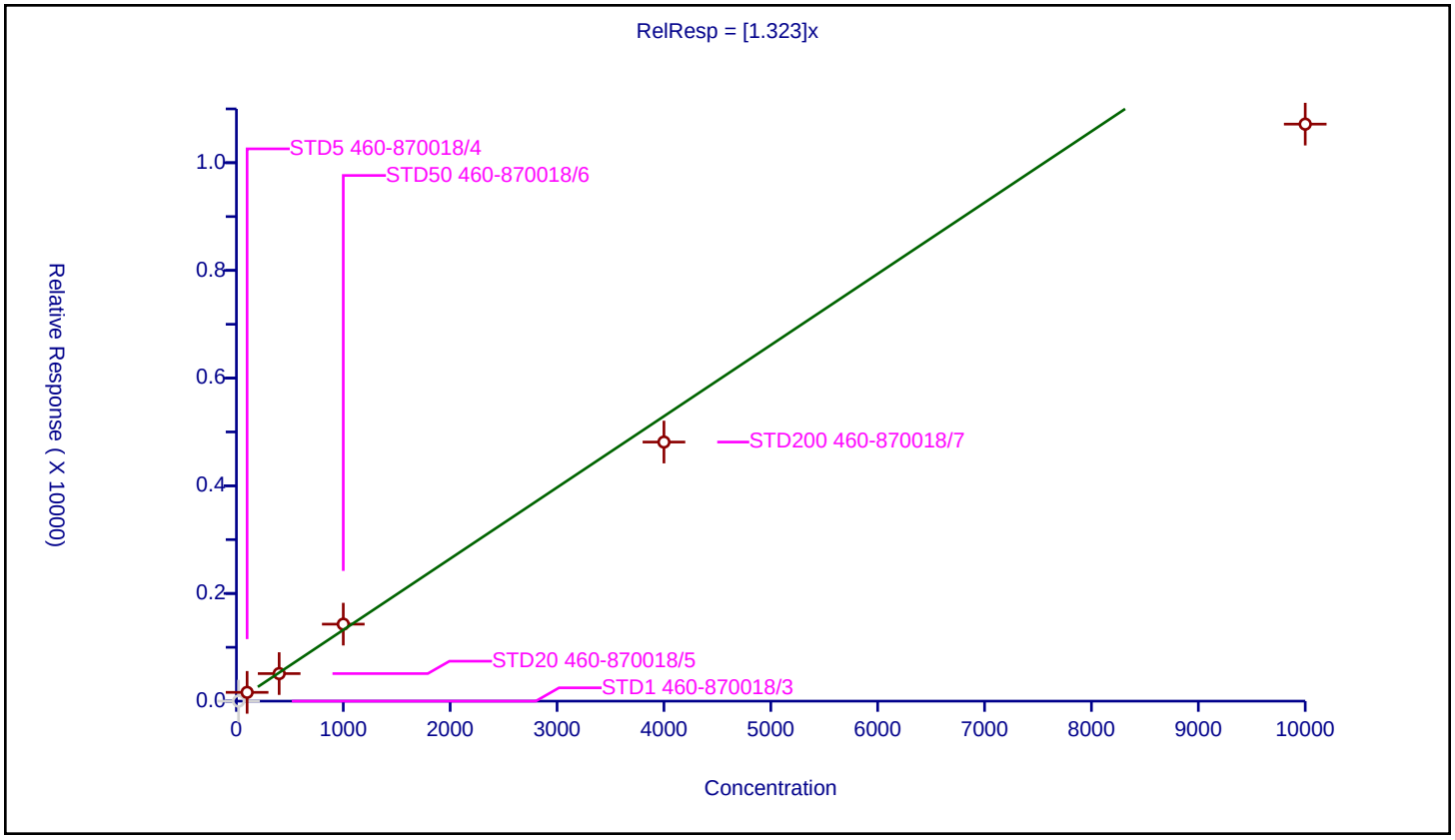
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Standard Error:	327000
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	20.0	0.0	1000.0	36361.0	0.0	N
2	STD5 460-870018/4	100.0	163.035678	1000.0	34839.0	1.630357	Y
3	STD20 460-870018/5	400.0	511.776006	1000.0	38001.0	1.27944	Y
4	STD50 460-870018/6	1000.0	1429.703958	1000.0	36076.0	1.429704	Y
5	STD200 460-870018/7	4000.0	4811.829185	1000.0	48169.0	1.202957	Y
6	STD500 460-870018/8	10000.0	10716.856937	1000.0	58338.0	1.071686	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

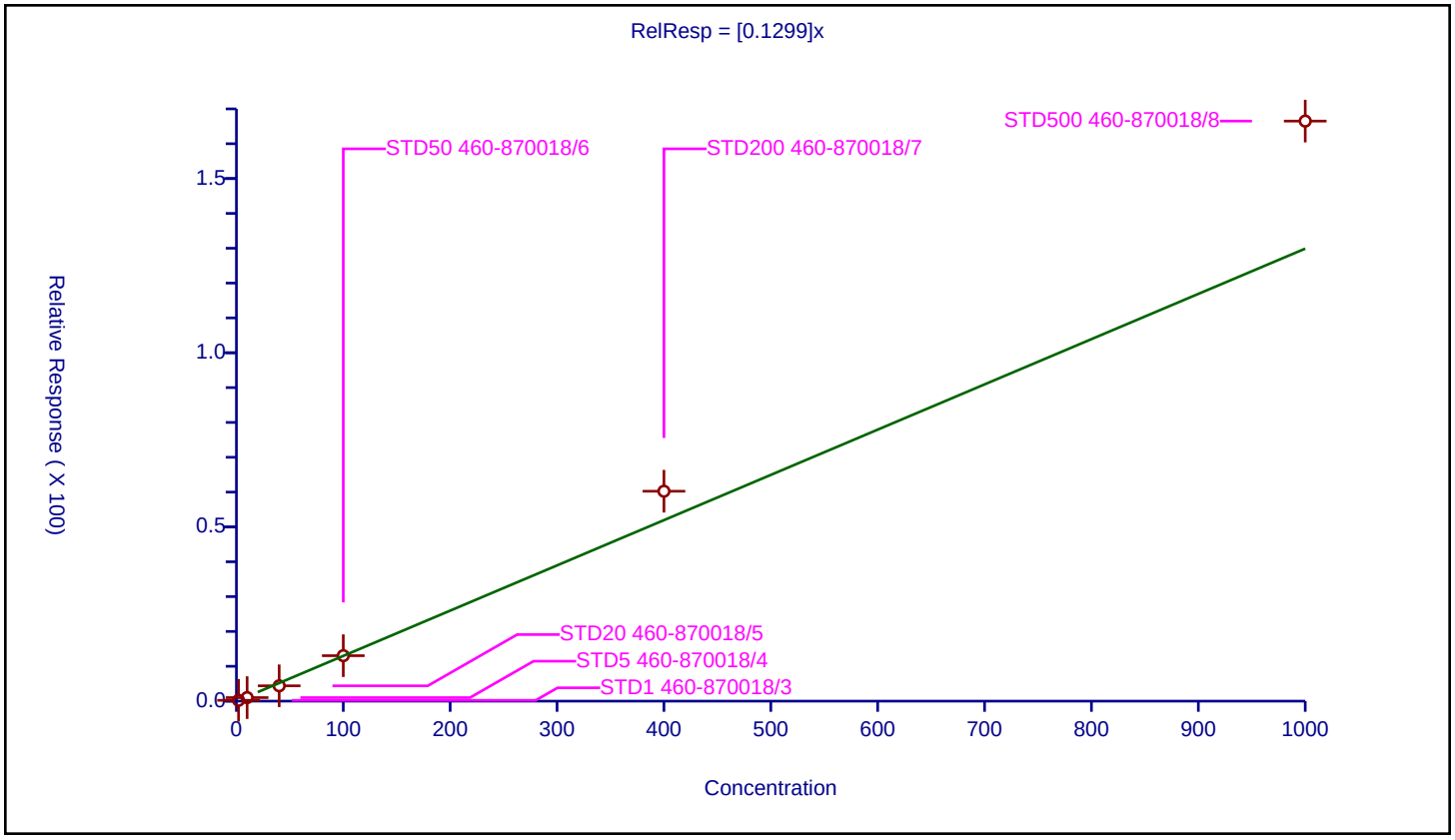
Curve Coefficients

Intercept:	0
Slope:	0.1299

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	19.1
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	2.0	0.240338	50.0	633068.0	0.120169	Y
2	STD5 460-870018/4	10.0	1.015345	50.0	652537.0	0.101534	Y
3	STD20 460-870018/5	40.0	4.399058	50.0	700525.0	0.109976	Y
4	STD50 460-870018/6	100.0	13.04717	50.0	739624.0	0.130472	Y
5	STD200 460-870018/7	400.0	60.257798	50.0	871186.0	0.150644	Y
6	STD500 460-870018/8	1000.0	166.501244	50.0	1031295.0	0.166501	Y



Calibration / n-Propyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

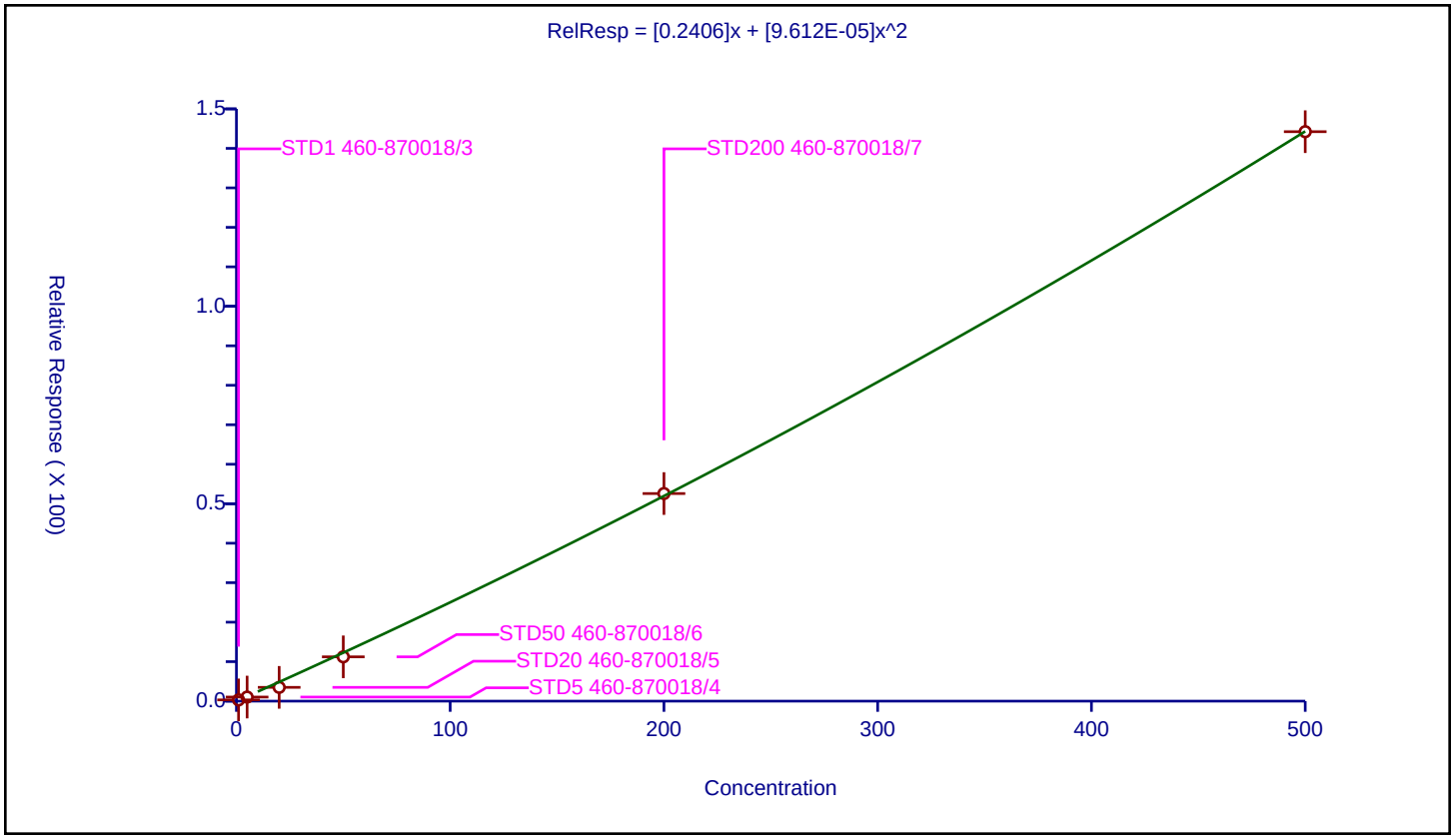
Curve Coefficients

Intercept:	0
Slope:	0.2406
Second Order:	9.612E-05

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	21.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.311341	50.0	633068.0	0.311341	Y
2	STD5 460-870018/4	5.0	1.03542	50.0	652537.0	0.207084	Y
3	STD20 460-870018/5	20.0	3.48817	50.0	700525.0	0.174408	Y
4	STD50 460-870018/6	50.0	11.220025	50.0	739624.0	0.224401	Y
5	STD200 460-870018/7	200.0	52.575799	50.0	871186.0	0.262879	Y
6	STD500 460-870018/8	500.0	144.22687	50.0	1031295.0	0.288454	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

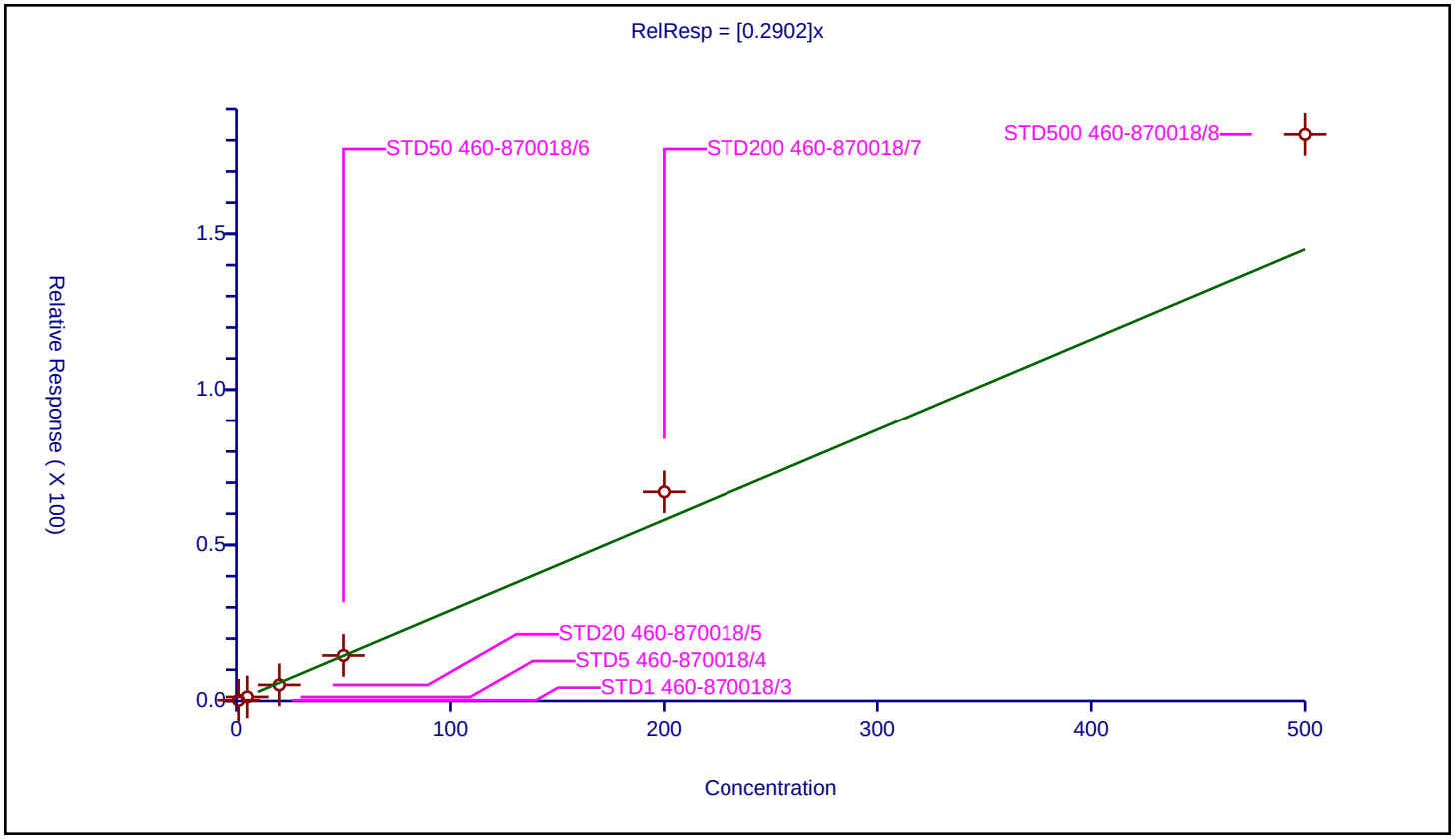
Curve Coefficients

Intercept:	0
Slope:	0.2902

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	17.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.233229	50.0	633068.0	0.233229	Y
2	STD5 460-870018/4	5.0	1.297398	50.0	652537.0	0.25948	Y
3	STD20 460-870018/5	20.0	5.151279	50.0	700525.0	0.257564	Y
4	STD50 460-870018/6	50.0	14.58748	50.0	739624.0	0.29175	Y
5	STD200 460-870018/7	200.0	67.038497	50.0	871186.0	0.335192	Y
6	STD500 460-870018/8	500.0	181.889615	50.0	1031295.0	0.363779	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

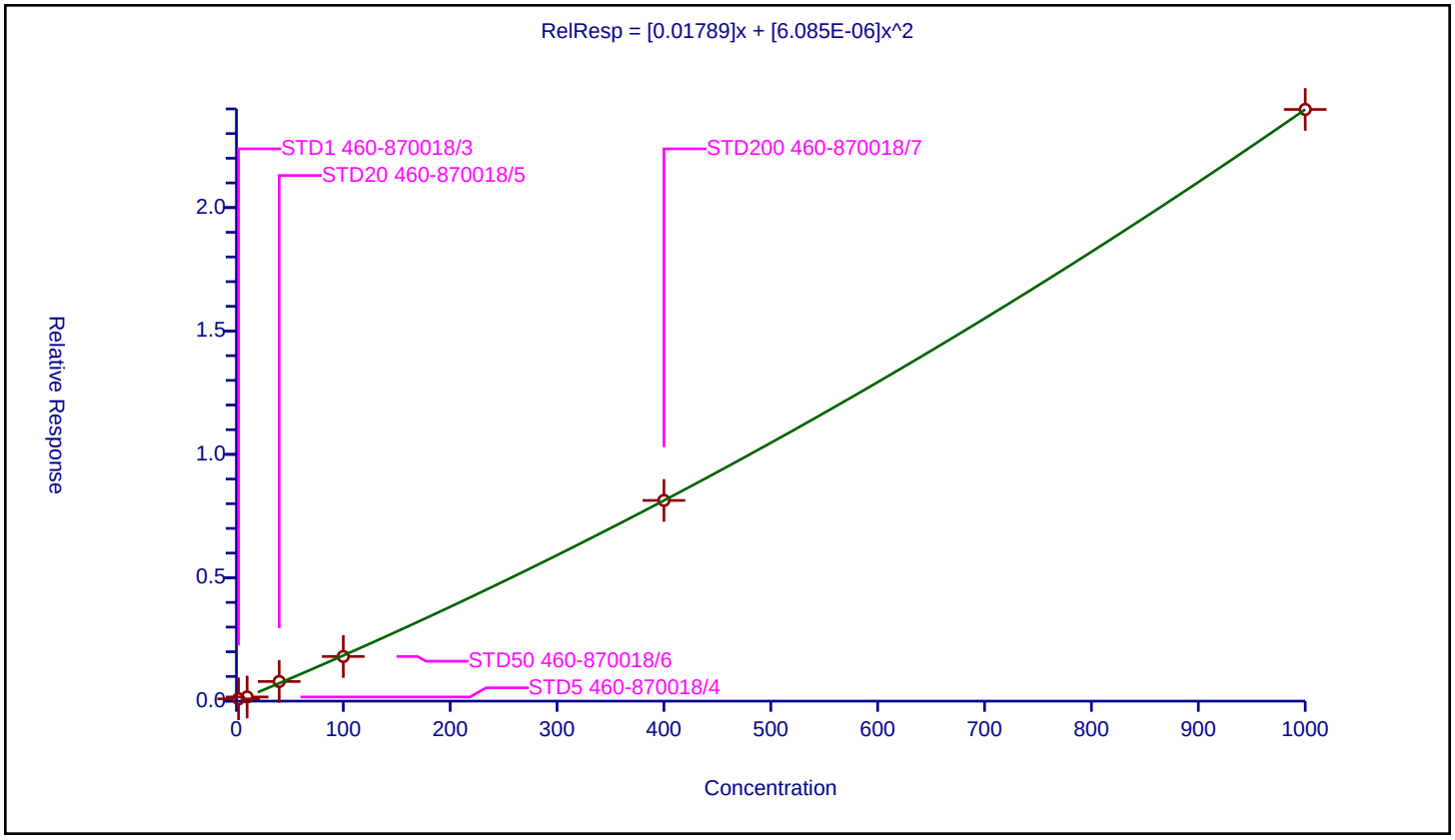
Curve Coefficients

Intercept:	0
Slope:	0.01789
Second Order:	6.085E-06

Error Coefficients

Standard Error:	258000
Relative Standard Error:	79.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	2.0	0.092328	50.0	633068.0	0.046164	Y
2	STD5 460-870018/4	10.0	0.168649	50.0	652537.0	0.016865	Y
3	STD20 460-870018/5	40.0	0.79626	50.0	700525.0	0.019906	Y
4	STD50 460-870018/6	100.0	1.809501	50.0	739624.0	0.018095	Y
5	STD200 460-870018/7	400.0	8.134313	50.0	871186.0	0.020336	Y
6	STD500 460-870018/8	1000.0	23.977087	50.0	1031295.0	0.023977	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

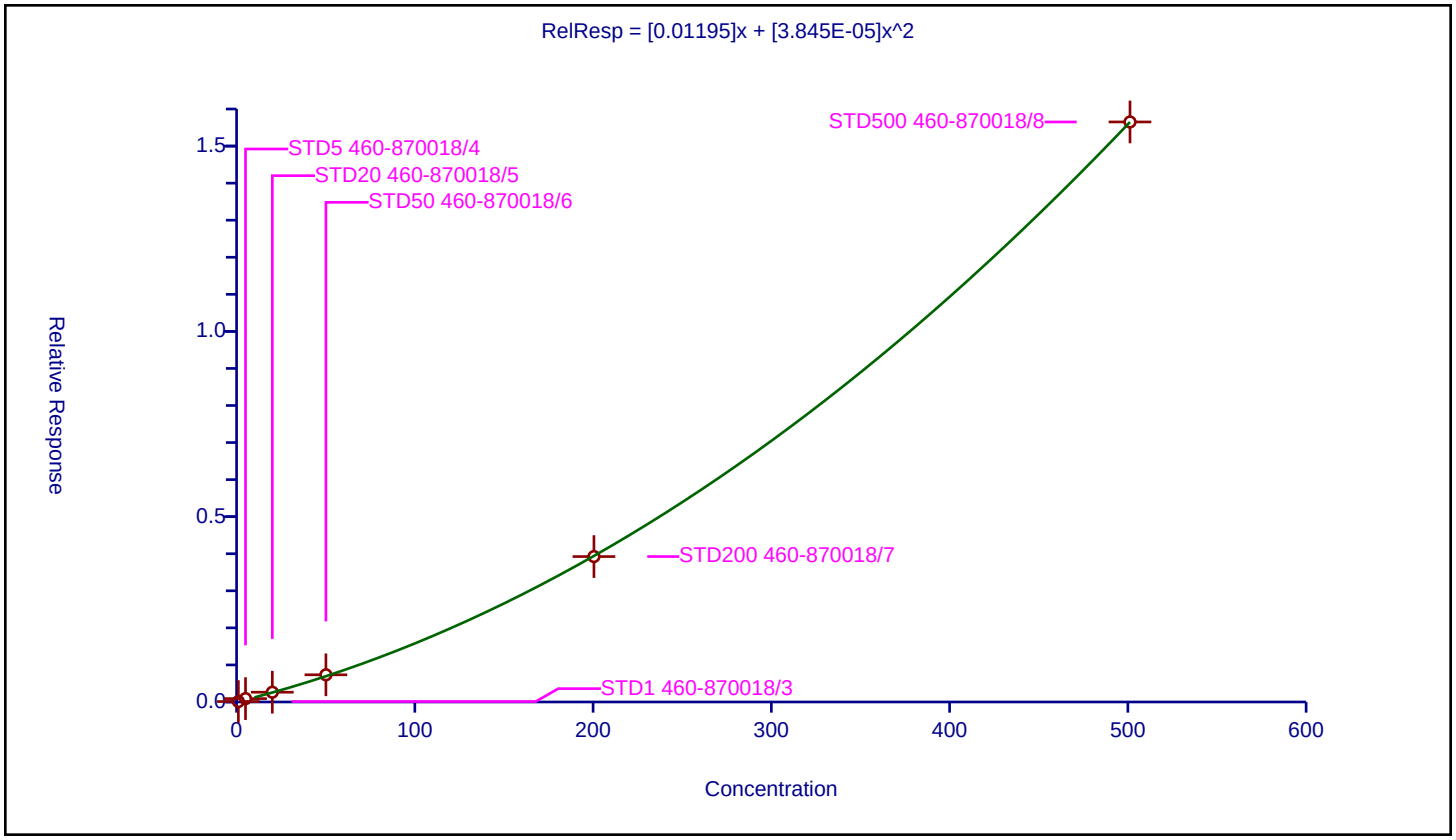
Curve Coefficients

Intercept:	0
Slope:	0.01195
Second Order:	3.845E-05

Error Coefficients

Standard Error:	165000
Relative Standard Error:	24.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0024	0.012005	50.0	633068.0	0.011976	Y
2	STD5 460-870018/4	5.012	0.090953	50.0	652537.0	0.018147	Y
3	STD20 460-870018/5	20.048	0.263731	50.0	700525.0	0.013155	Y
4	STD50 460-870018/6	50.12	0.733819	50.0	739624.0	0.014641	Y
5	STD200 460-870018/7	200.48	3.924305	50.0	871186.0	0.019575	Y
6	STD500 460-870018/8	501.2	15.650711	50.0	1031295.0	0.031226	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

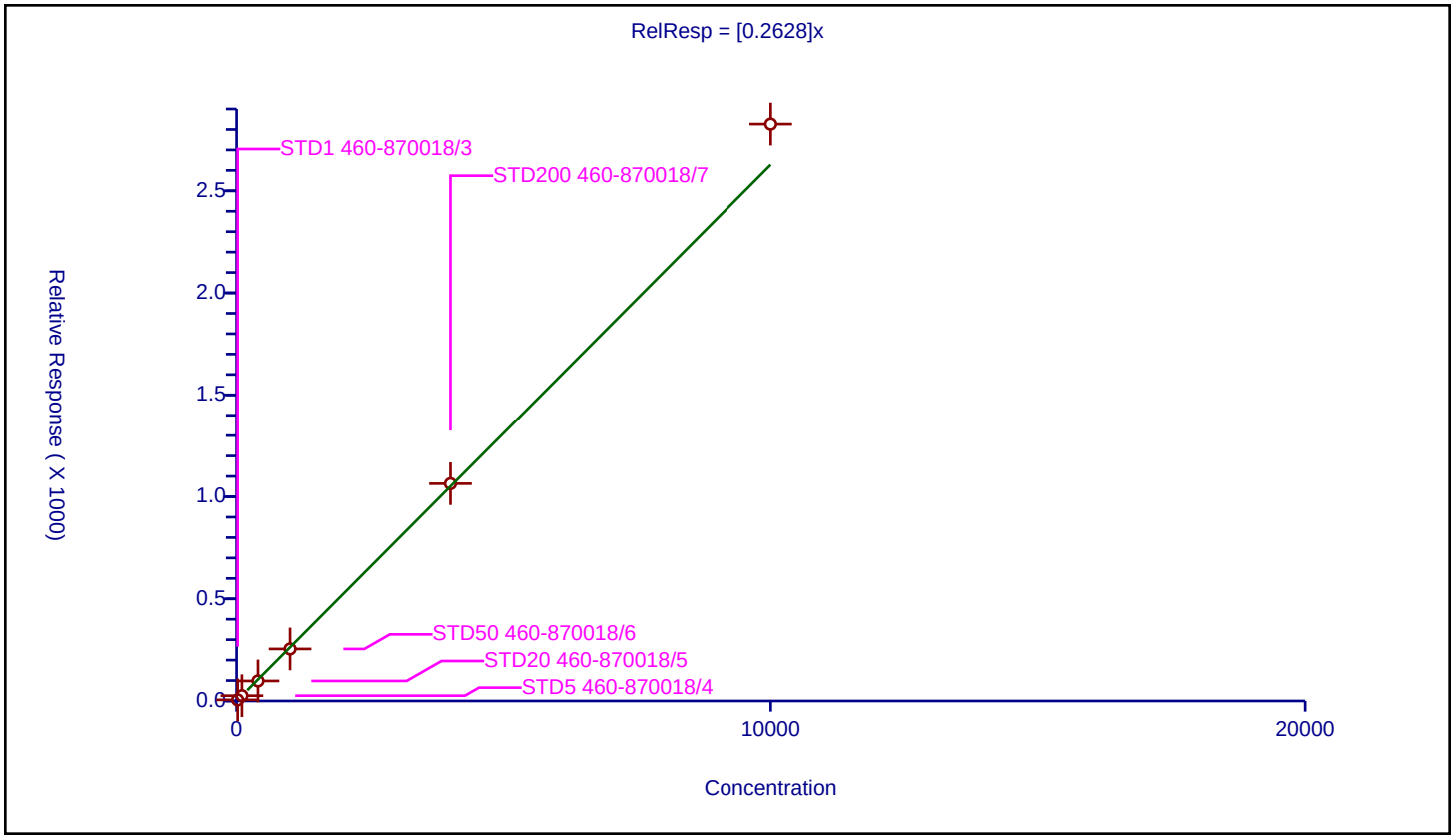
Curve Coefficients

Intercept:	0
Slope:	0.2628

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	5.0
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	20.000035	5.394014	250.0	241286.0	0.2697	Y
2	STD5 460-870018/4	100.000173	25.880978	250.0	241635.0	0.258809	Y
3	STD20 460-870018/5	400.000692	97.949388	250.0	267286.0	0.244873	Y
4	STD50 460-870018/6	1000.00173	254.682206	250.0	297189.0	0.254682	Y
5	STD200 460-870018/7	4000.00692	1064.241698	250.0	358307.0	0.26606	Y
6	STD500 460-870018/8	10000.0173	2826.249259	250.0	426673.0	0.282624	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

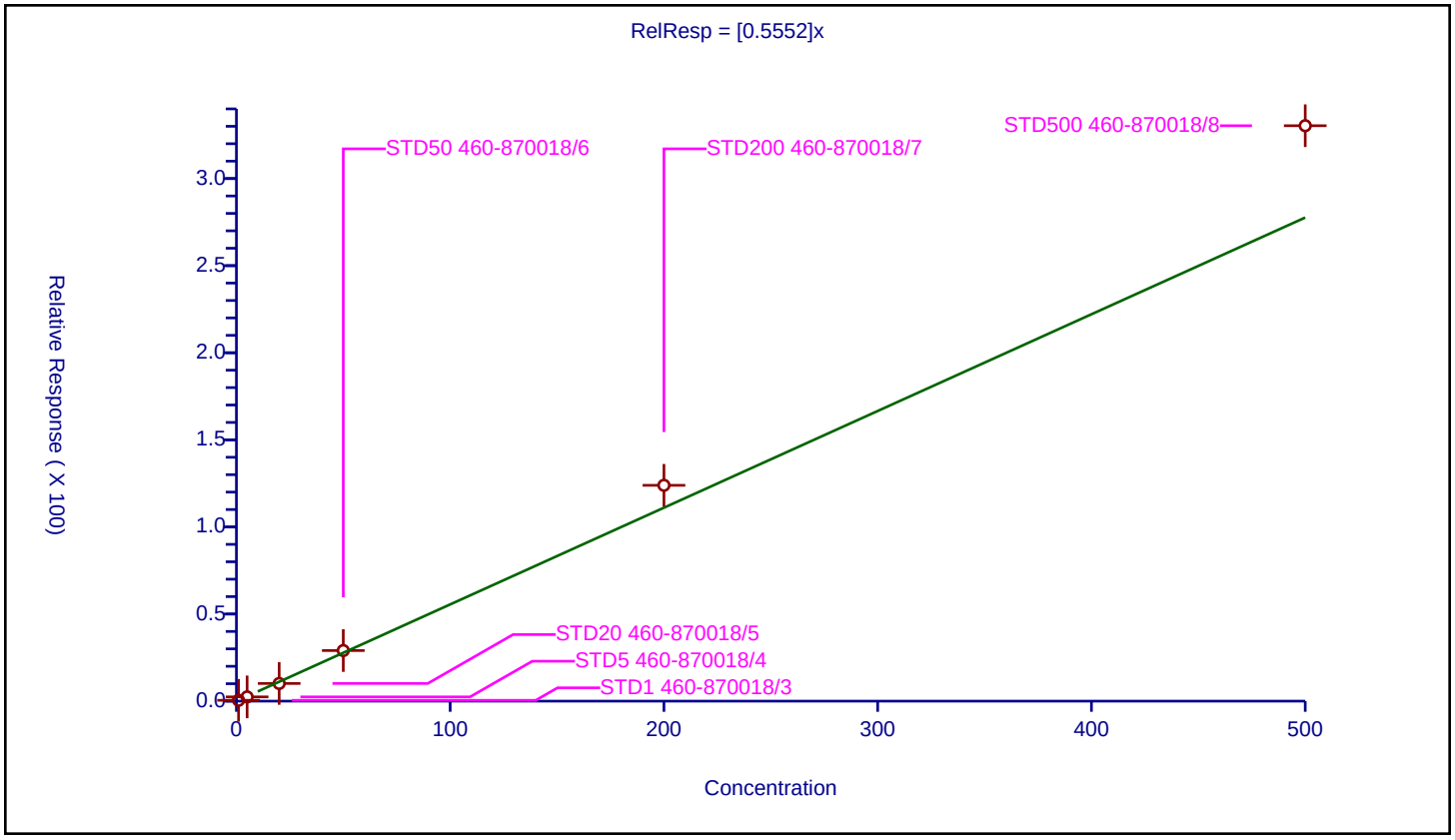
Curve Coefficients

Intercept:	0
Slope:	0.5552

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	13.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.476878	50.0	418136.0	0.476878	Y
2	STD5 460-870018/4	5.0	2.43159	50.0	425524.0	0.486318	Y
3	STD20 460-870018/5	20.0	10.14362	50.0	442973.0	0.507181	Y
4	STD50 460-870018/6	50.0	29.041941	50.0	464251.0	0.580839	Y
5	STD200 460-870018/7	200.0	123.908497	50.0	547067.0	0.619542	Y
6	STD500 460-870018/8	500.0	330.330381	50.0	673798.0	0.660661	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

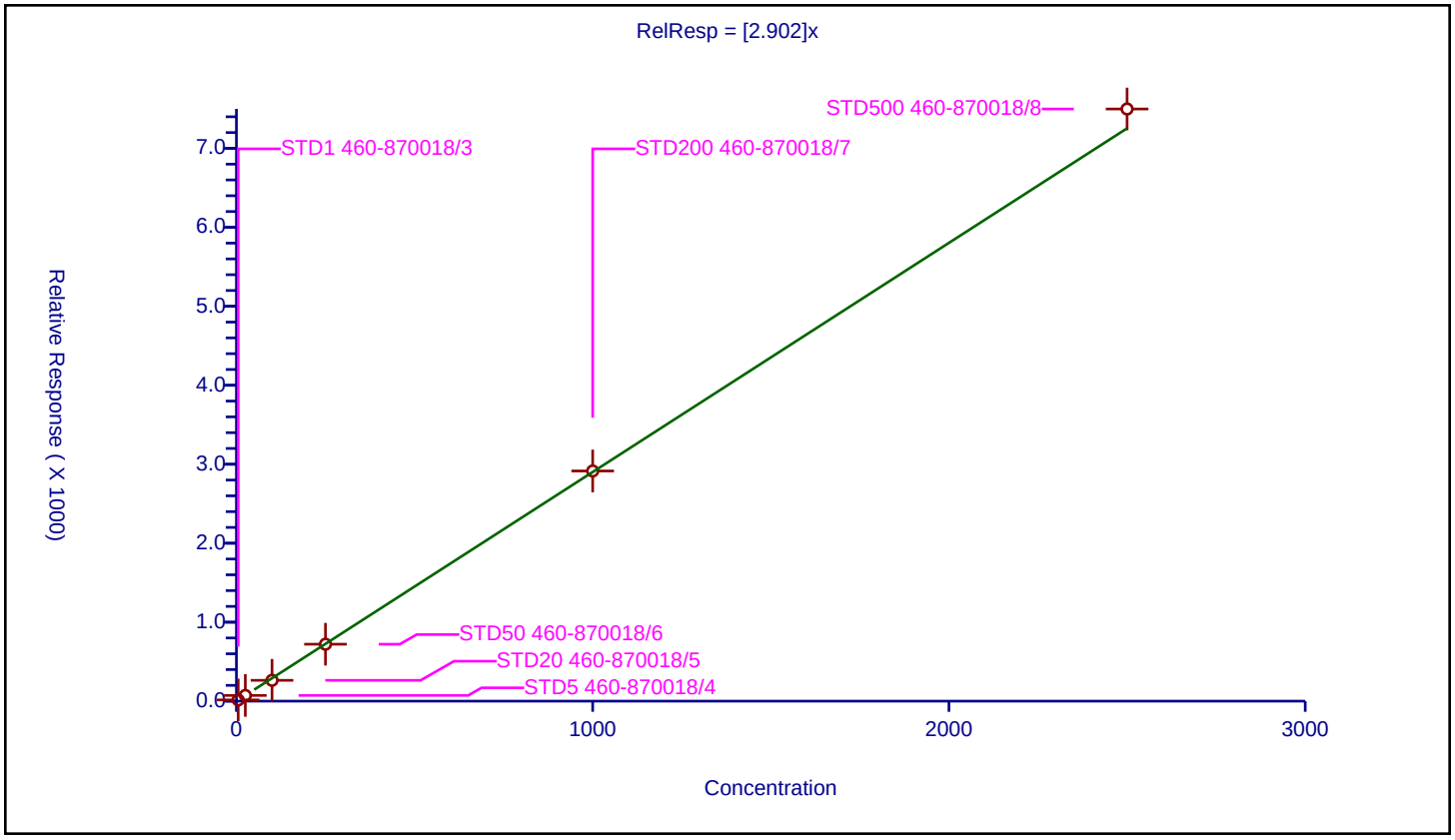
Curve Coefficients

Intercept:	0
Slope:	2.902

Error Coefficients

Standard Error:	6030000
Relative Standard Error:	5.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	5.0	15.433966	250.0	241286.0	3.086793	Y
2	STD5 460-870018/4	25.0	72.21429	250.0	241635.0	2.888572	Y
3	STD20 460-870018/5	100.0	263.61463	250.0	267286.0	2.636146	Y
4	STD50 460-870018/6	250.0	720.948622	250.0	297189.0	2.883794	Y
5	STD200 460-870018/7	1000.0	2914.468598	250.0	358307.0	2.914469	Y
6	STD500 460-870018/8	2500.0	7498.675801	250.0	426673.0	2.99947	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

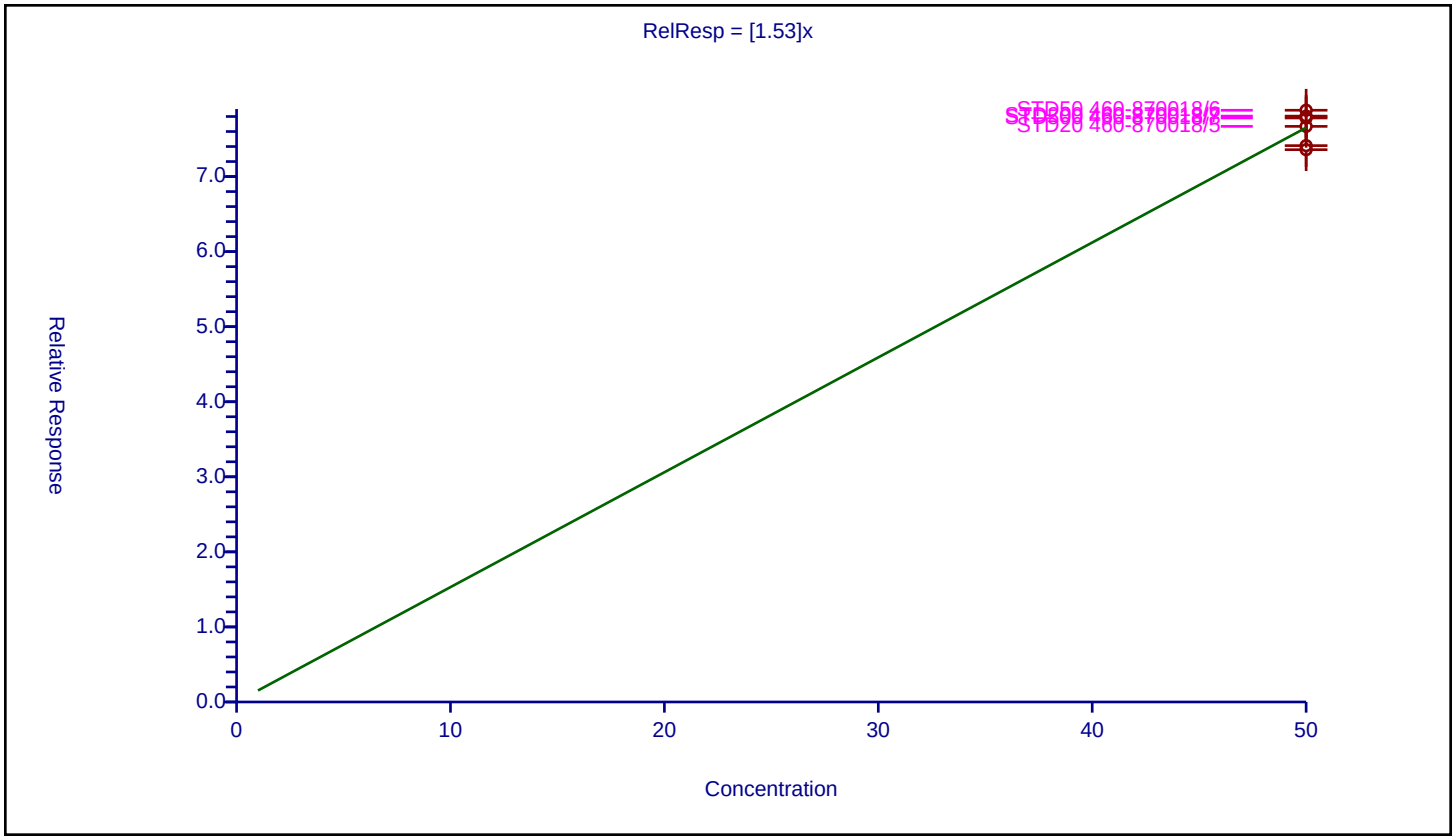
Curve Coefficients

Intercept:	0
Slope:	1.53

Error Coefficients

Standard Error:	849000
Relative Standard Error:	2.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	50.0	73.583595	50.0	418136.0	1.471672	Y
2	STD5 460-870018/4	50.0	74.121789	50.0	425524.0	1.482436	Y
3	STD20 460-870018/5	50.0	76.687744	50.0	442973.0	1.533755	Y
4	STD50 460-870018/6	50.0	78.836018	50.0	464251.0	1.57672	Y
5	STD200 460-870018/7	50.0	78.054333	50.0	547067.0	1.561087	Y
6	STD500 460-870018/8	50.0	77.803511	50.0	673798.0	1.55607	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

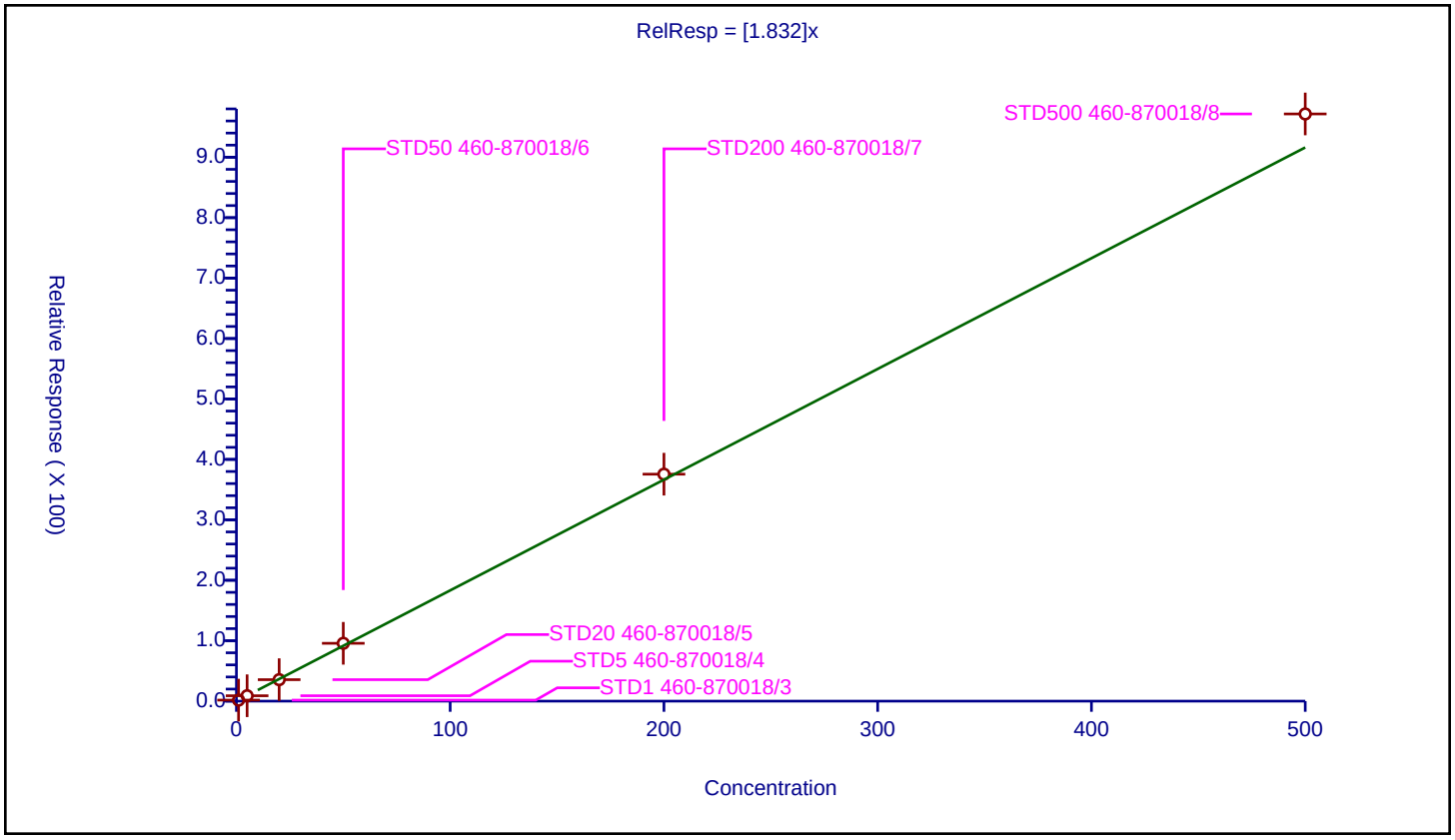
Curve Coefficients

Intercept:	0
Slope:	1.832

Error Coefficients

Standard Error:	6150000
Relative Standard Error:	5.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.697056	50.0	418136.0	1.697056	Y
2	STD5 460-870018/4	5.0	8.923233	50.0	425524.0	1.784647	Y
3	STD20 460-870018/5	20.0	35.5358	50.0	442973.0	1.77679	Y
4	STD50 460-870018/6	50.0	95.70254	50.0	464251.0	1.914051	Y
5	STD200 460-870018/7	200.0	375.544495	50.0	547067.0	1.877722	Y
6	STD500 460-870018/8	500.0	971.607292	50.0	673798.0	1.943215	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

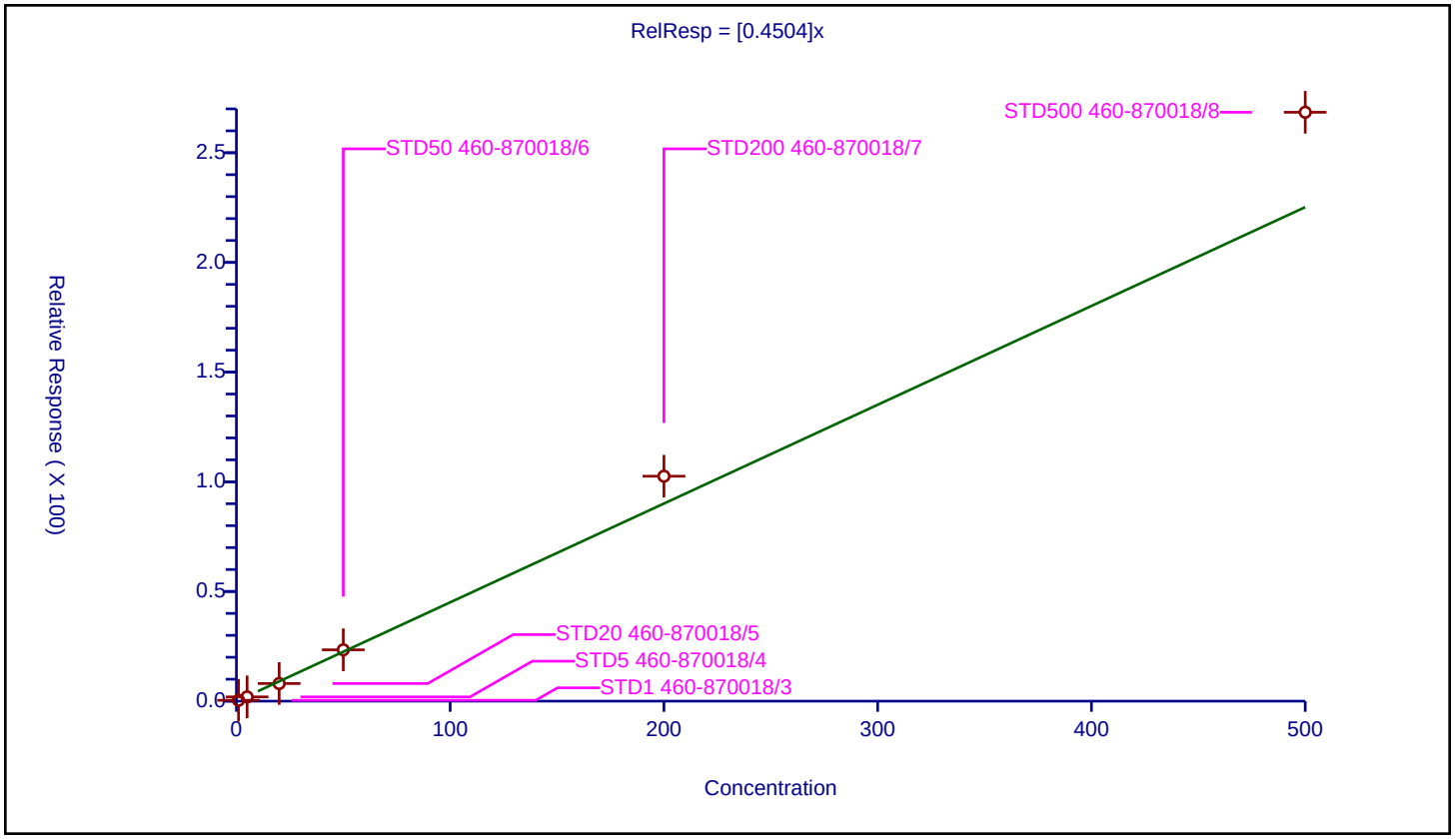
Curve Coefficients

Intercept:	0
Slope:	0.4504

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	14.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.396043	50.0	418136.0	0.396043	Y
2	STD5 460-870018/4	5.0	1.936084	50.0	425524.0	0.387217	Y
3	STD20 460-870018/5	20.0	8.026223	50.0	442973.0	0.401311	Y
4	STD50 460-870018/6	50.0	23.407273	50.0	464251.0	0.468145	Y
5	STD200 460-870018/7	200.0	102.541371	50.0	547067.0	0.512707	Y
6	STD500 460-870018/8	500.0	268.459019	50.0	673798.0	0.536918	Y



Calibration / Ethyl methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

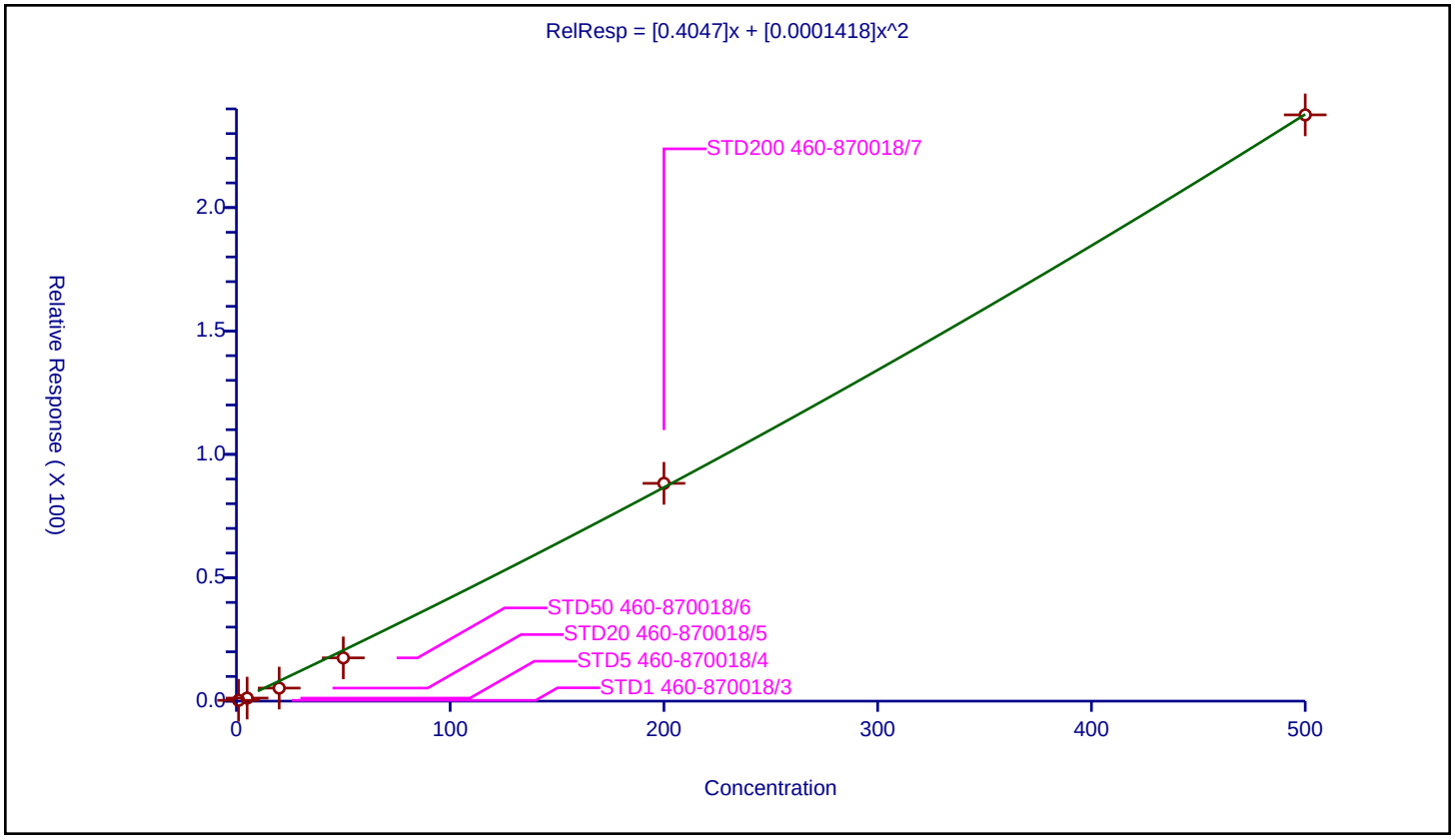
Curve Coefficients

Intercept:	0
Slope:	0.4047
Second Order:	0.0001418

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	28.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.325731	50.0	418136.0	0.325731	Y
2	STD5 460-870018/4	5.0	1.235065	50.0	425524.0	0.247013	Y
3	STD20 460-870018/5	20.0	5.2896	50.0	442973.0	0.26448	Y
4	STD50 460-870018/6	50.0	17.533726	50.0	464251.0	0.350675	Y
5	STD200 460-870018/7	200.0	88.255186	50.0	547067.0	0.441276	Y
6	STD500 460-870018/8	500.0	237.583371	50.0	673798.0	0.475167	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

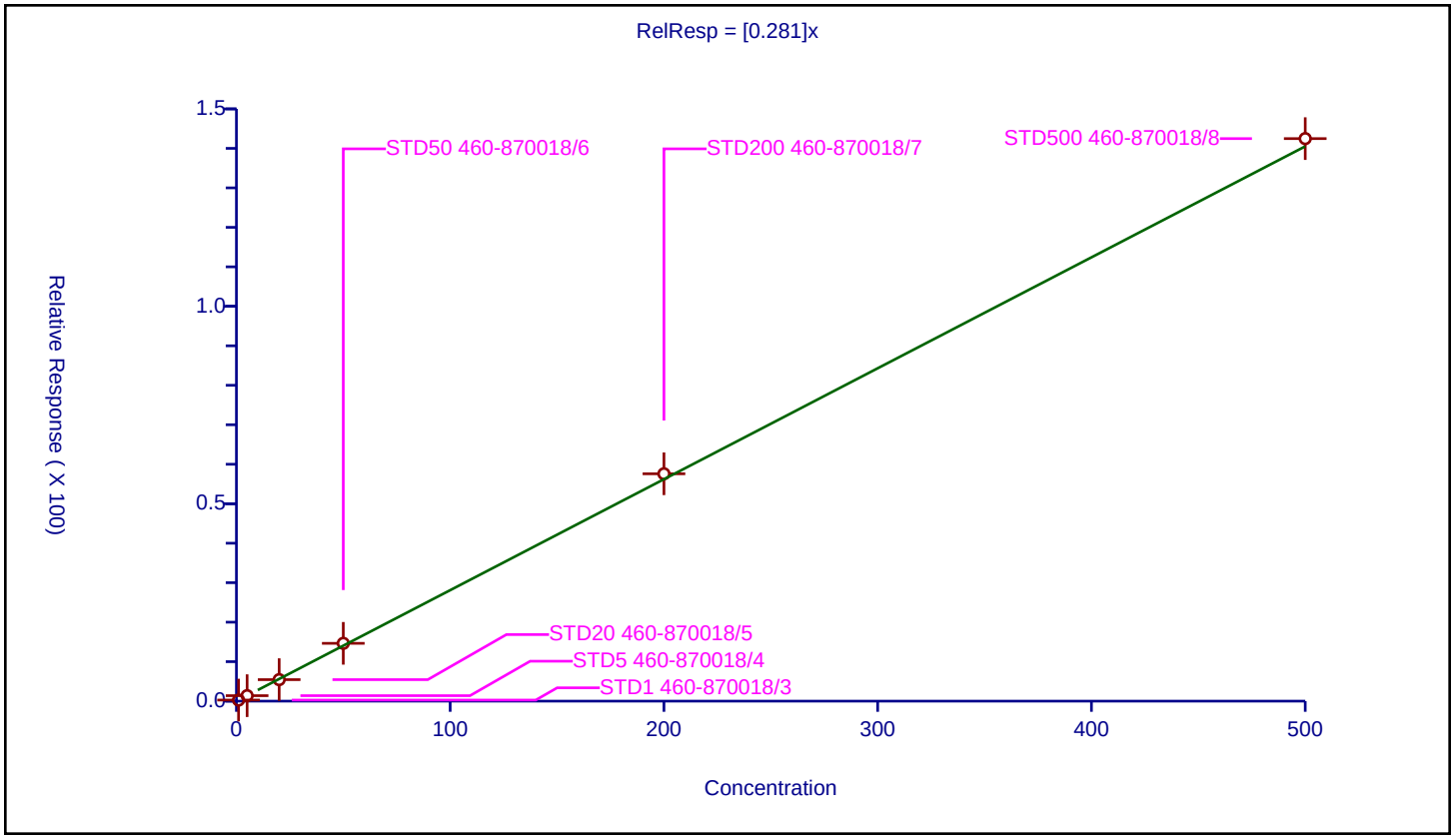
Curve Coefficients

Intercept:	0
Slope:	0.281

Error Coefficients

Standard Error:	906000
Relative Standard Error:	3.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.270845	50.0	418136.0	0.270845	Y
2	STD5 460-870018/4	5.0	1.386291	50.0	425524.0	0.277258	Y
3	STD20 460-870018/5	20.0	5.443898	50.0	442973.0	0.272195	Y
4	STD50 460-870018/6	50.0	14.642618	50.0	464251.0	0.292852	Y
5	STD200 460-870018/7	200.0	57.58737	50.0	547067.0	0.287937	Y
6	STD500 460-870018/8	500.0	142.473709	50.0	673798.0	0.284947	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

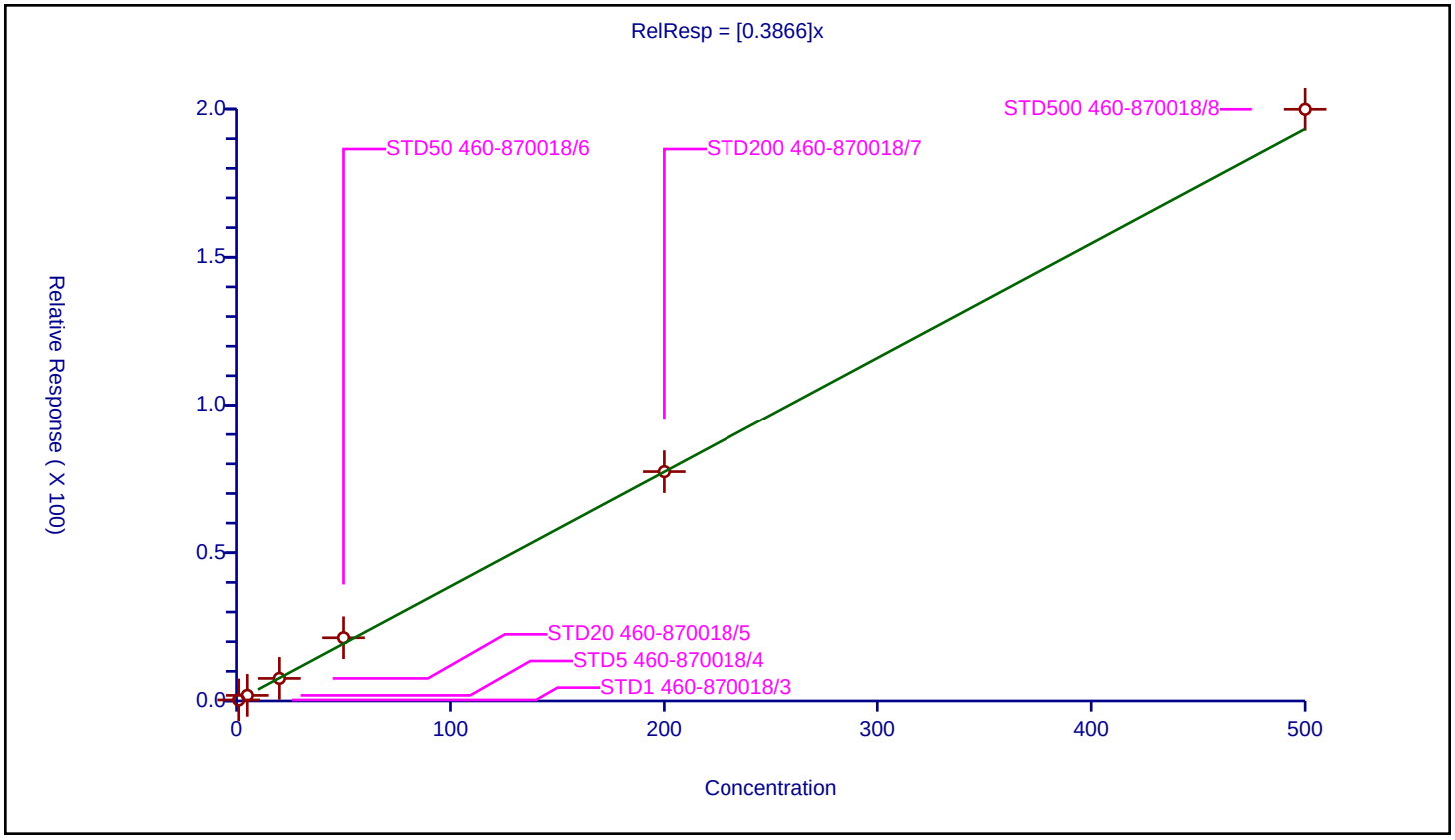
Curve Coefficients

Intercept:	0
Slope:	0.3866

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	6.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.349767	50.0	418136.0	0.349767	Y
2	STD5 460-870018/4	5.0	1.880152	50.0	425524.0	0.37603	Y
3	STD20 460-870018/5	20.0	7.616717	50.0	442973.0	0.380836	Y
4	STD50 460-870018/6	50.0	21.316378	50.0	464251.0	0.426328	Y
5	STD200 460-870018/7	200.0	77.379462	50.0	547067.0	0.386897	Y
6	STD500 460-870018/8	500.0	199.907094	50.0	673798.0	0.399814	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

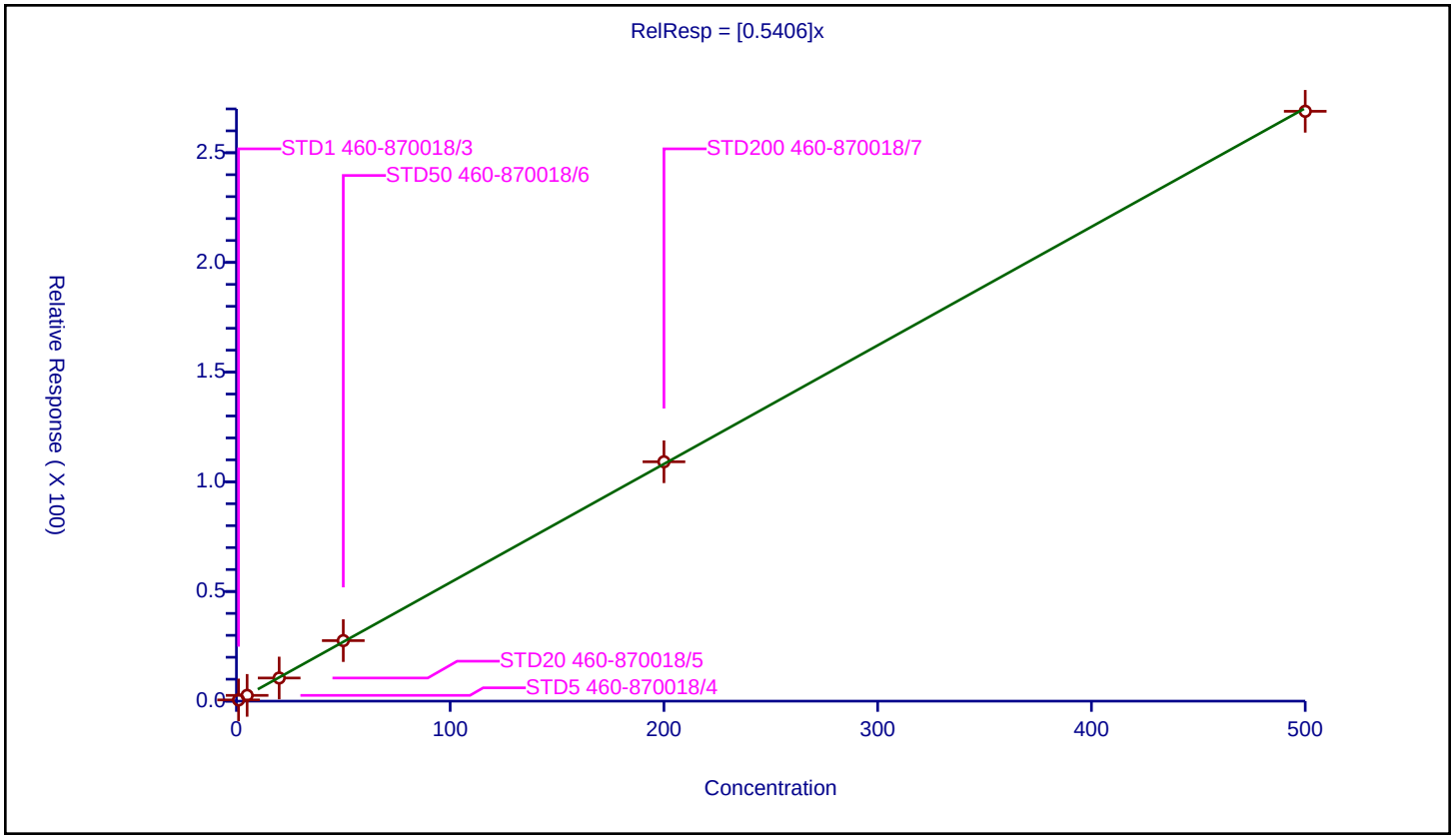
Curve Coefficients

Intercept:	0
Slope:	0.5406

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	2.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.555441	50.0	418136.0	0.555441	Y
2	STD5 460-870018/4	5.0	2.627349	50.0	425524.0	0.52547	Y
3	STD20 460-870018/5	20.0	10.548386	50.0	442973.0	0.527419	Y
4	STD50 460-870018/6	50.0	27.598864	50.0	464251.0	0.551977	Y
5	STD200 460-870018/7	200.0	109.128498	50.0	547067.0	0.545642	Y
6	STD500 460-870018/8	500.0	268.910564	50.0	673798.0	0.537821	Y



Calibration / 2-Hexanone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

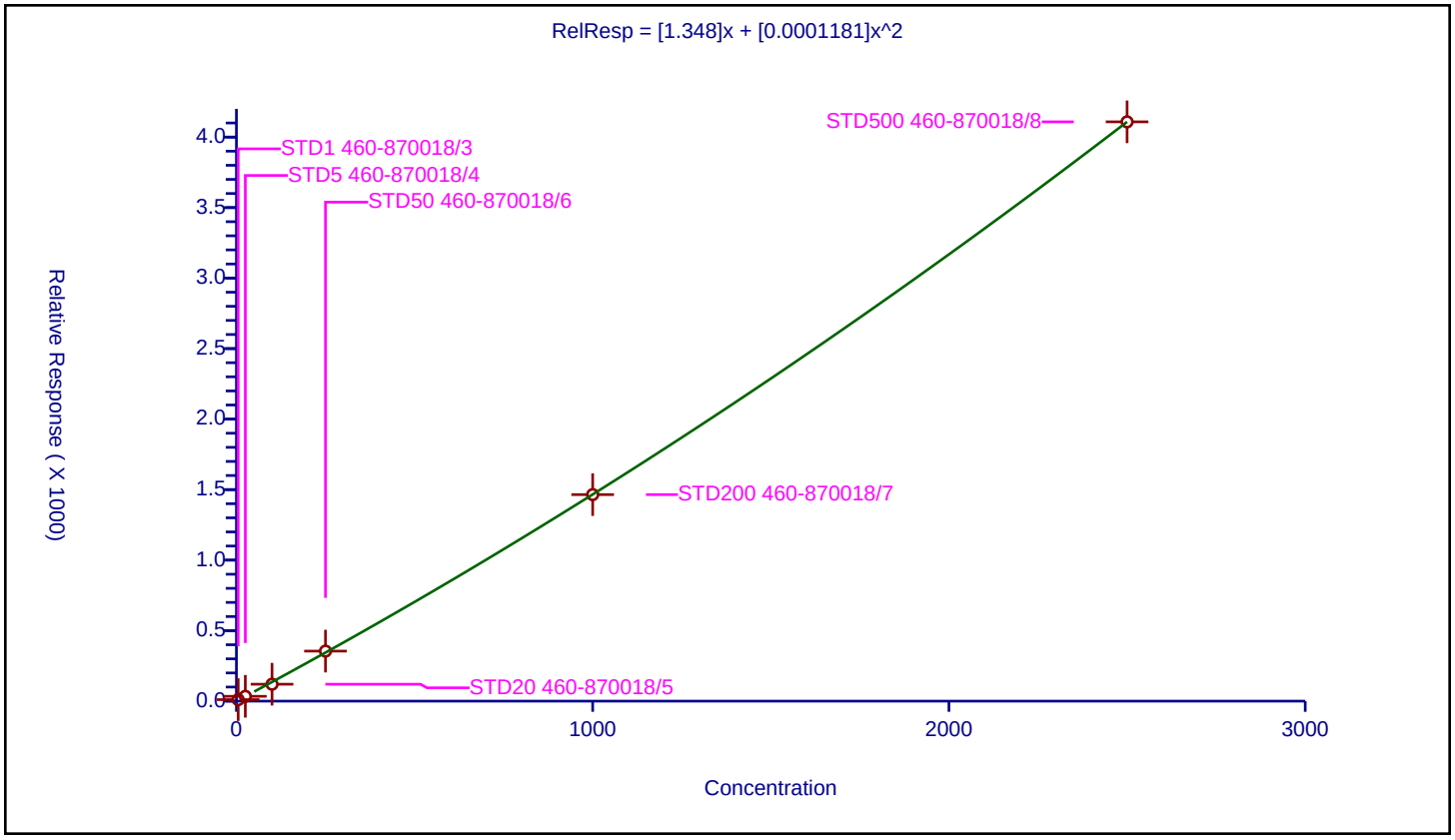
Curve Coefficients

Intercept:	0
Slope:	1.348
Second Order:	0.0001181

Error Coefficients

Standard Error:	3660000
Relative Standard Error:	29.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	5.0	10.618105	250.0	241286.0	2.123621	Y
2	STD5 460-870018/4	25.0	34.330705	250.0	241635.0	1.373228	Y
3	STD20 460-870018/5	100.0	120.011897	250.0	267286.0	1.200119	Y
4	STD50 460-870018/6	250.0	354.823866	250.0	297189.0	1.419295	Y
5	STD200 460-870018/7	1000.0	1464.609957	250.0	358307.0	1.46461	Y
6	STD500 460-870018/8	2500.0	4108.204644	250.0	426673.0	1.643282	Y



Calibration / Chlorodibromomethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

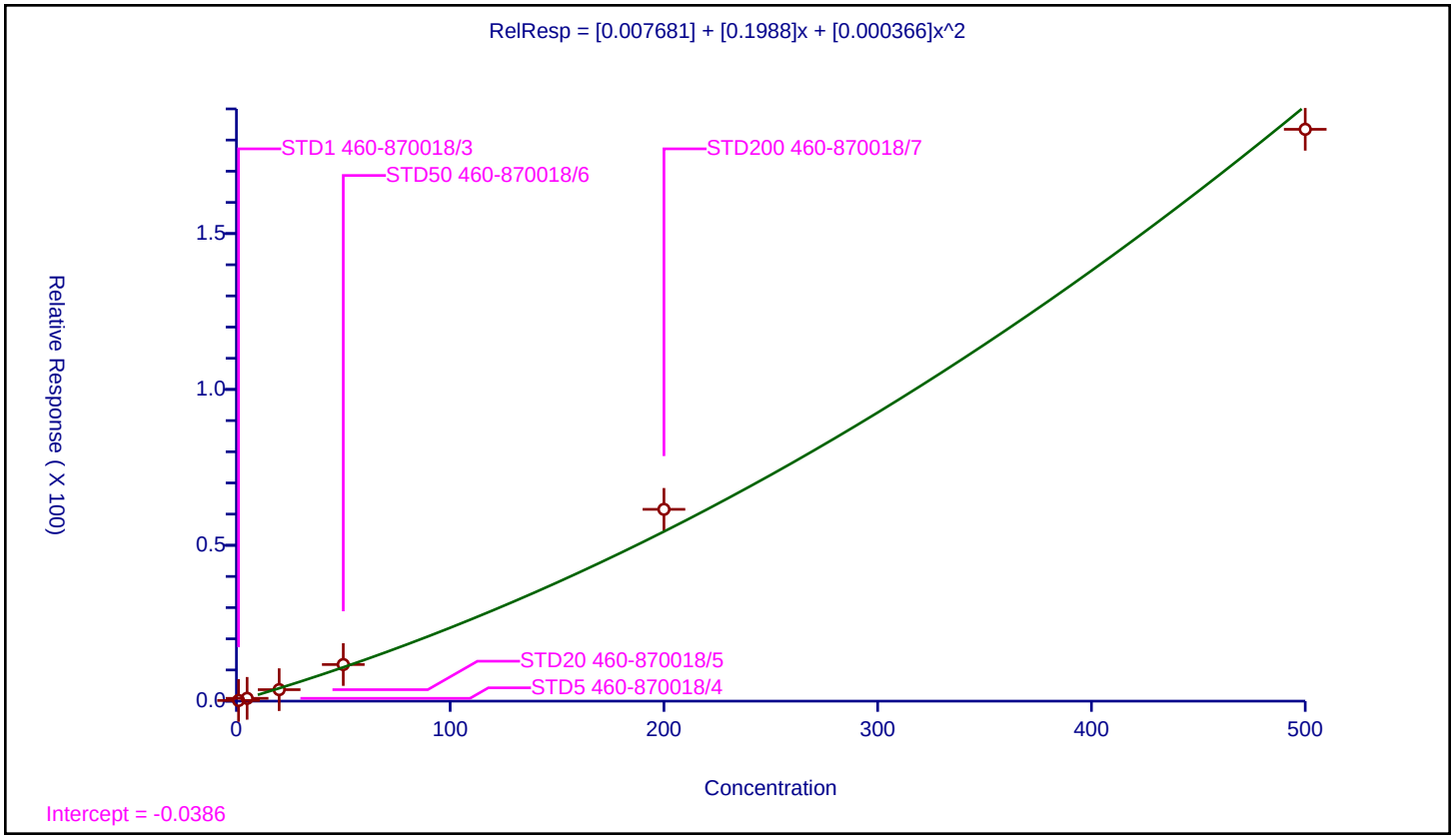
Curve Coefficients

Intercept:	0.007681
Slope:	0.1988
Second Order:	0.000366

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	11.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.211654	50.0	418136.0	0.211654	Y
2	STD5 460-870018/4	5.0	0.905472	50.0	425524.0	0.181094	Y
3	STD20 460-870018/5	20.0	3.687584	50.0	442973.0	0.184379	Y
4	STD50 460-870018/6	50.0	11.745586	50.0	464251.0	0.234912	Y
5	STD200 460-870018/7	200.0	61.532591	50.0	547067.0	0.307663	Y
6	STD500 460-870018/8	500.0	183.445187	50.0	673798.0	0.36689	Y



Calibration / n-Butyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

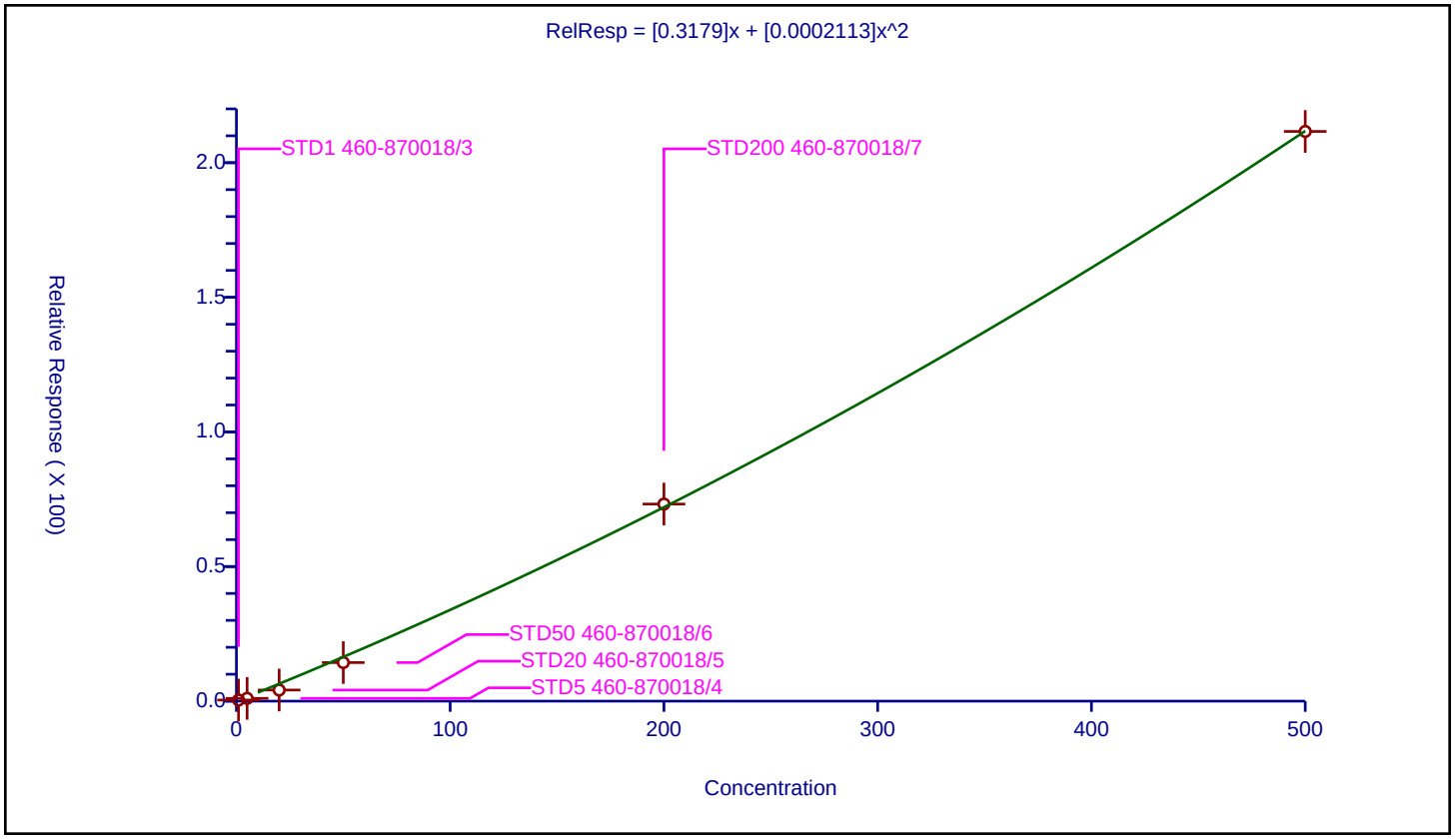
Curve Coefficients

Intercept:	0
Slope:	0.3179
Second Order:	0.0002113

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	29.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.410991	50.0	418136.0	0.410991	Y
2	STD5 460-870018/4	5.0	1.034489	50.0	425524.0	0.206898	Y
3	STD20 460-870018/5	20.0	4.129597	50.0	442973.0	0.20648	Y
4	STD50 460-870018/6	50.0	14.333733	50.0	464251.0	0.286675	Y
5	STD200 460-870018/7	200.0	73.211508	50.0	547067.0	0.366058	Y
6	STD500 460-870018/8	500.0	211.623736	50.0	673798.0	0.423247	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

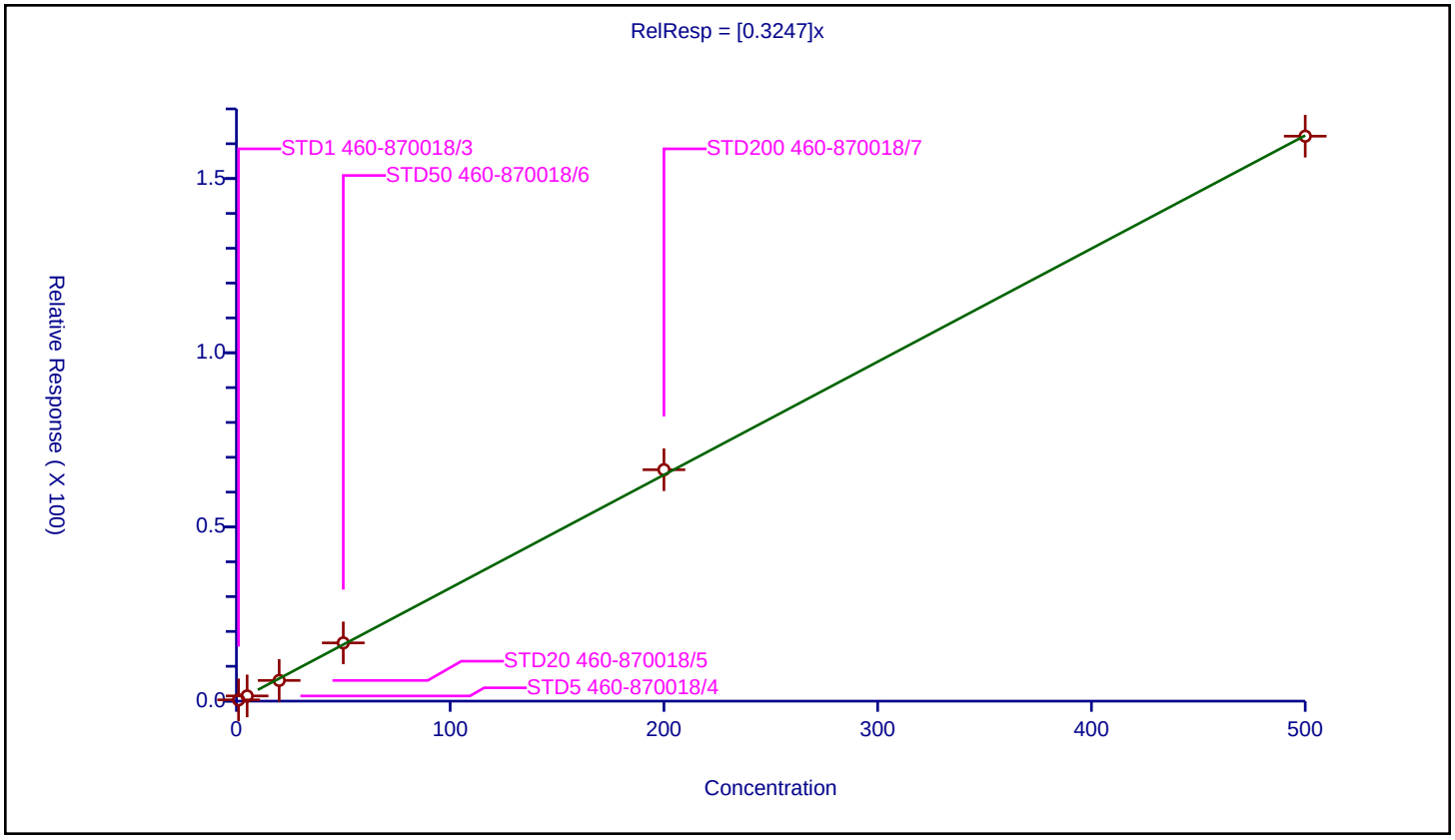
Curve Coefficients

Intercept:	0
Slope:	0.3247

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	7.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.361366	50.0	418136.0	0.361366	Y
2	STD5 460-870018/4	5.0	1.49545	50.0	425524.0	0.29909	Y
3	STD20 460-870018/5	20.0	5.941559	50.0	442973.0	0.297078	Y
4	STD50 460-870018/6	50.0	16.718542	50.0	464251.0	0.334371	Y
5	STD200 460-870018/7	200.0	66.428792	50.0	547067.0	0.332144	Y
6	STD500 460-870018/8	500.0	162.168706	50.0	673798.0	0.324337	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

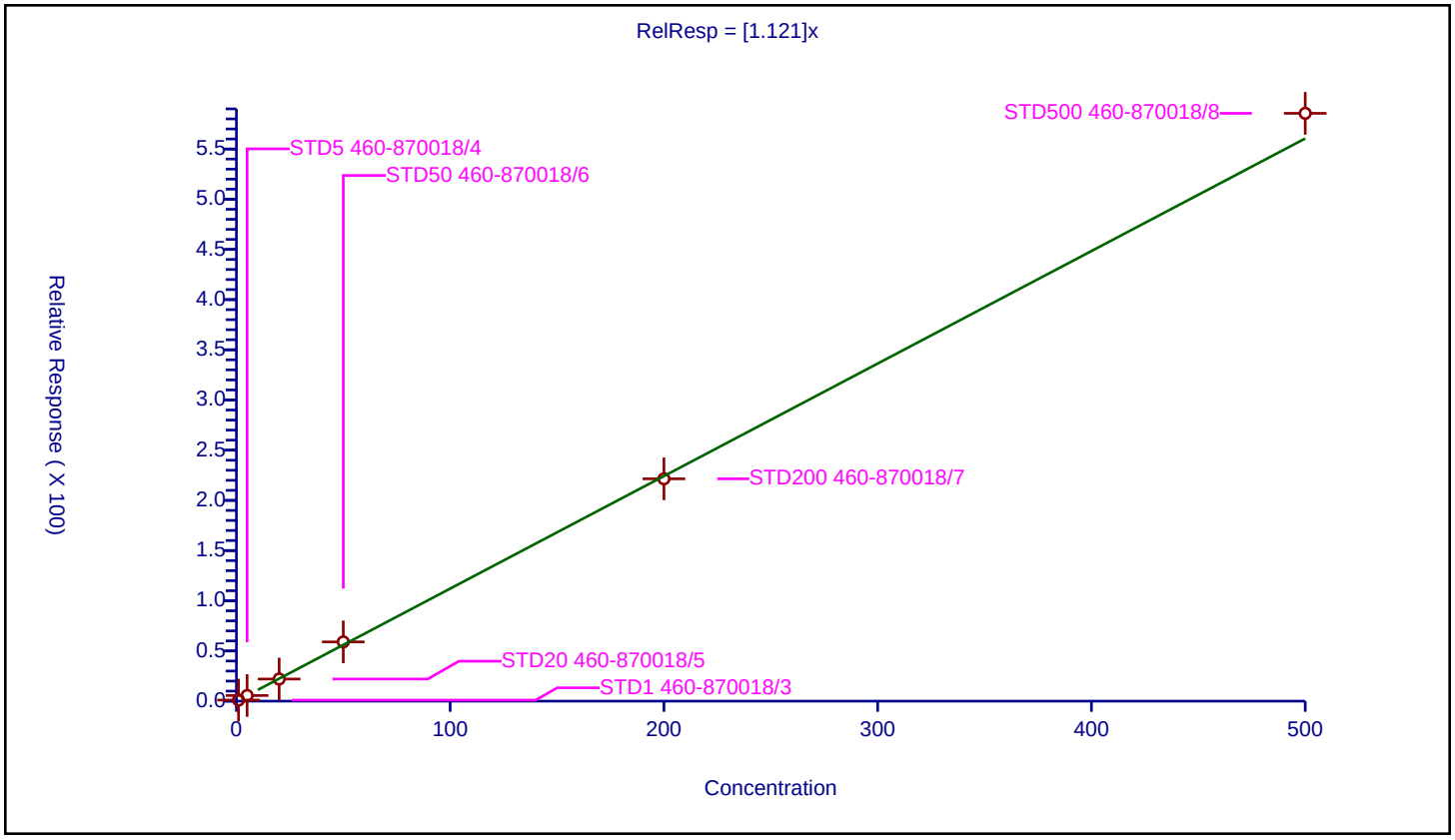
Curve Coefficients

Intercept:	0
Slope:	1.121

Error Coefficients

Standard Error:	3700000
Relative Standard Error:	4.5
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.041766	50.0	418136.0	1.041766	Y
2	STD5 460-870018/4	5.0	5.617897	50.0	425524.0	1.123579	Y
3	STD20 460-870018/5	20.0	22.033849	50.0	442973.0	1.101692	Y
4	STD50 460-870018/6	50.0	59.011074	50.0	464251.0	1.180221	Y
5	STD200 460-870018/7	200.0	221.487679	50.0	547067.0	1.107438	Y
6	STD500 460-870018/8	500.0	585.565926	50.0	673798.0	1.171132	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

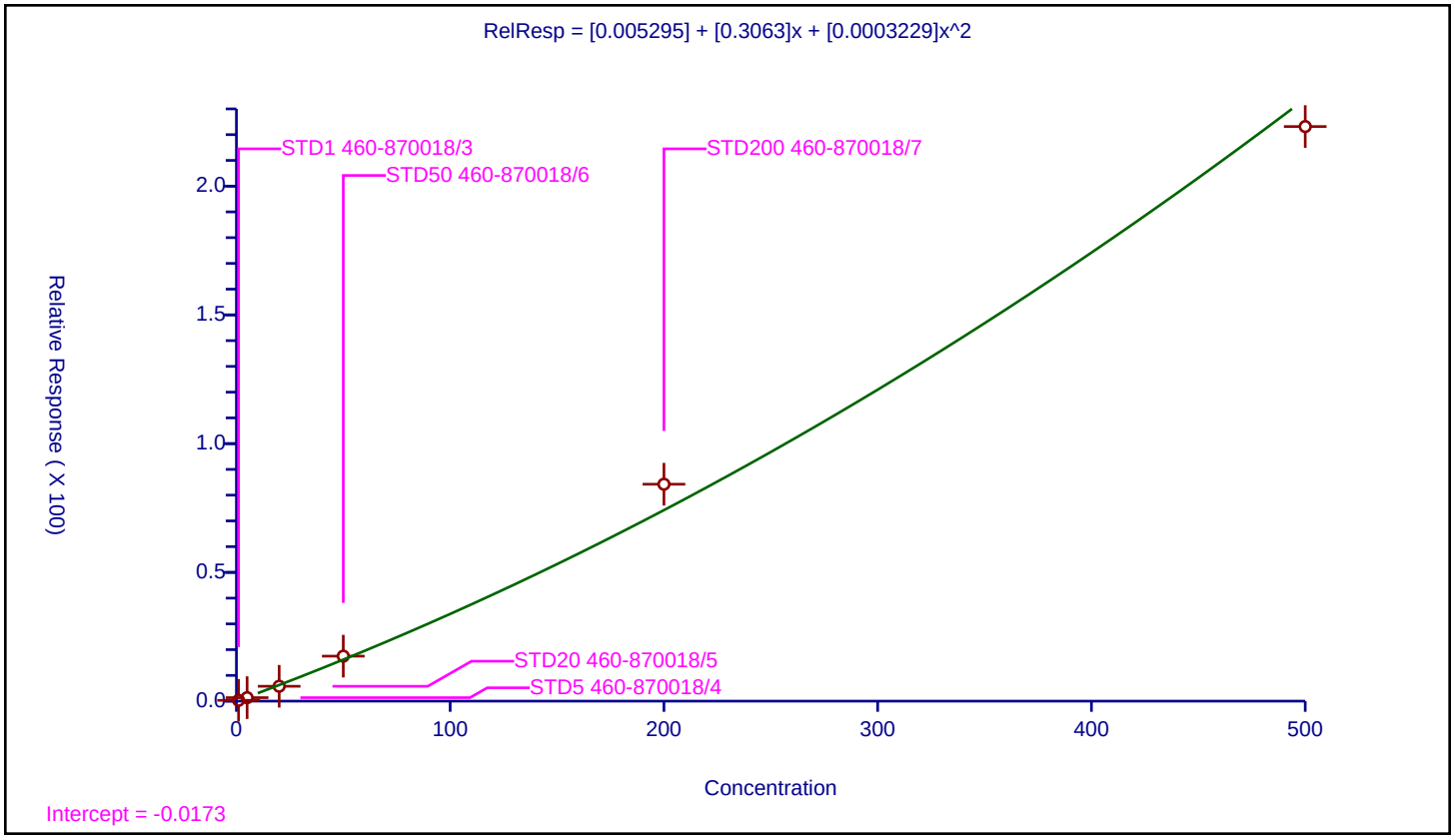
Curve Coefficients

Intercept:	0.005295
Slope:	0.3063
Second Order:	0.0003229

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.32035	50.0	418136.0	0.32035	Y
2	STD5 460-870018/4	5.0	1.345283	50.0	425524.0	0.269057	Y
3	STD20 460-870018/5	20.0	5.774505	50.0	442973.0	0.288725	Y
4	STD50 460-870018/6	50.0	17.470614	50.0	464251.0	0.349412	Y
5	STD200 460-870018/7	200.0	84.243338	50.0	547067.0	0.421217	Y
6	STD500 460-870018/8	500.0	223.144399	50.0	673798.0	0.446289	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

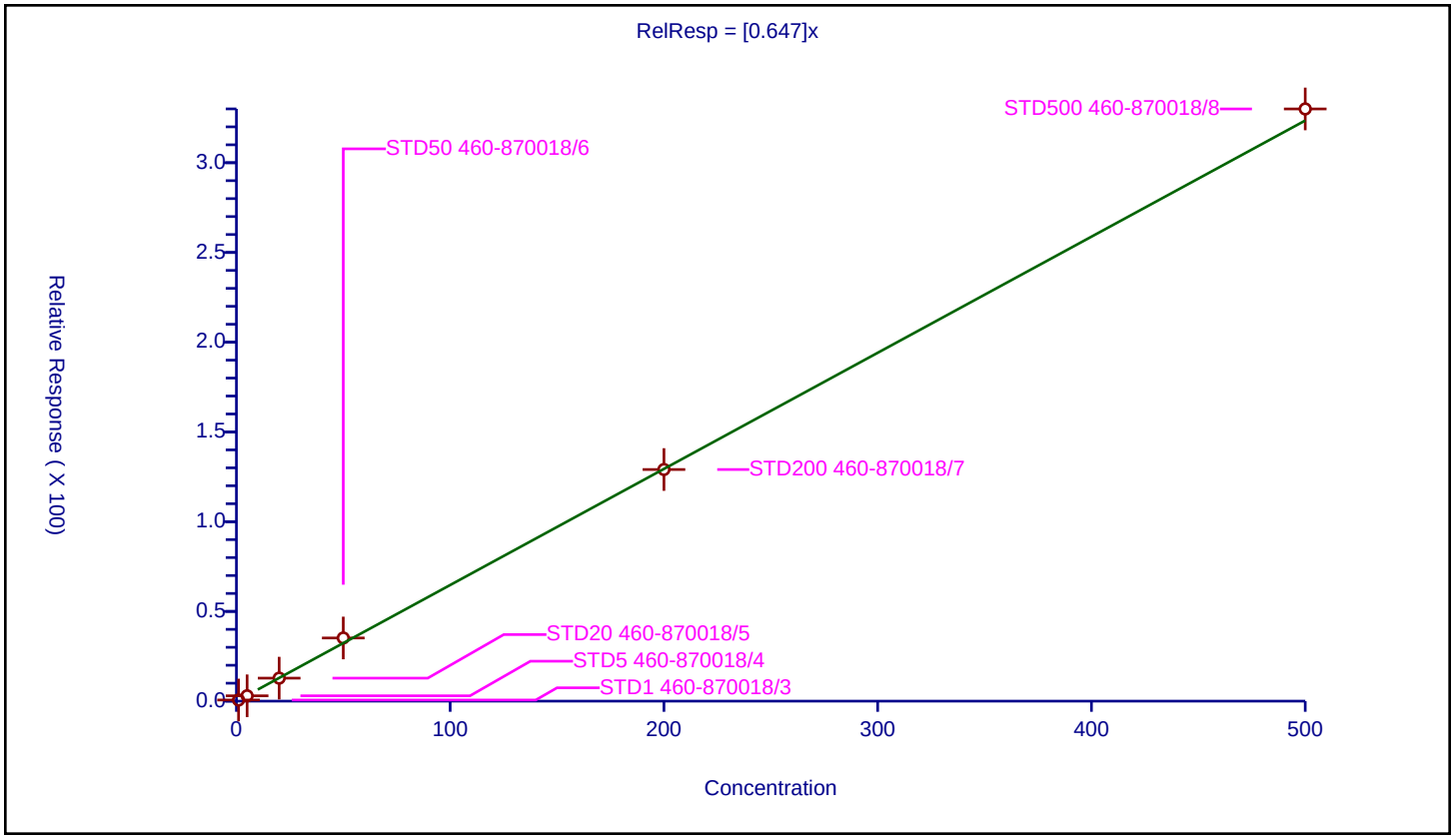
Curve Coefficients

Intercept:	0
Slope:	0.647

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	5.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.636874	50.0	418136.0	0.636874	Y
2	STD5 460-870018/4	5.0	2.976095	50.0	425524.0	0.595219	Y
3	STD20 460-870018/5	20.0	12.814099	50.0	442973.0	0.640705	Y
4	STD50 460-870018/6	50.0	35.192708	50.0	464251.0	0.703854	Y
5	STD200 460-870018/7	200.0	129.06399	50.0	547067.0	0.64532	Y
6	STD500 460-870018/8	500.0	329.972336	50.0	673798.0	0.659945	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

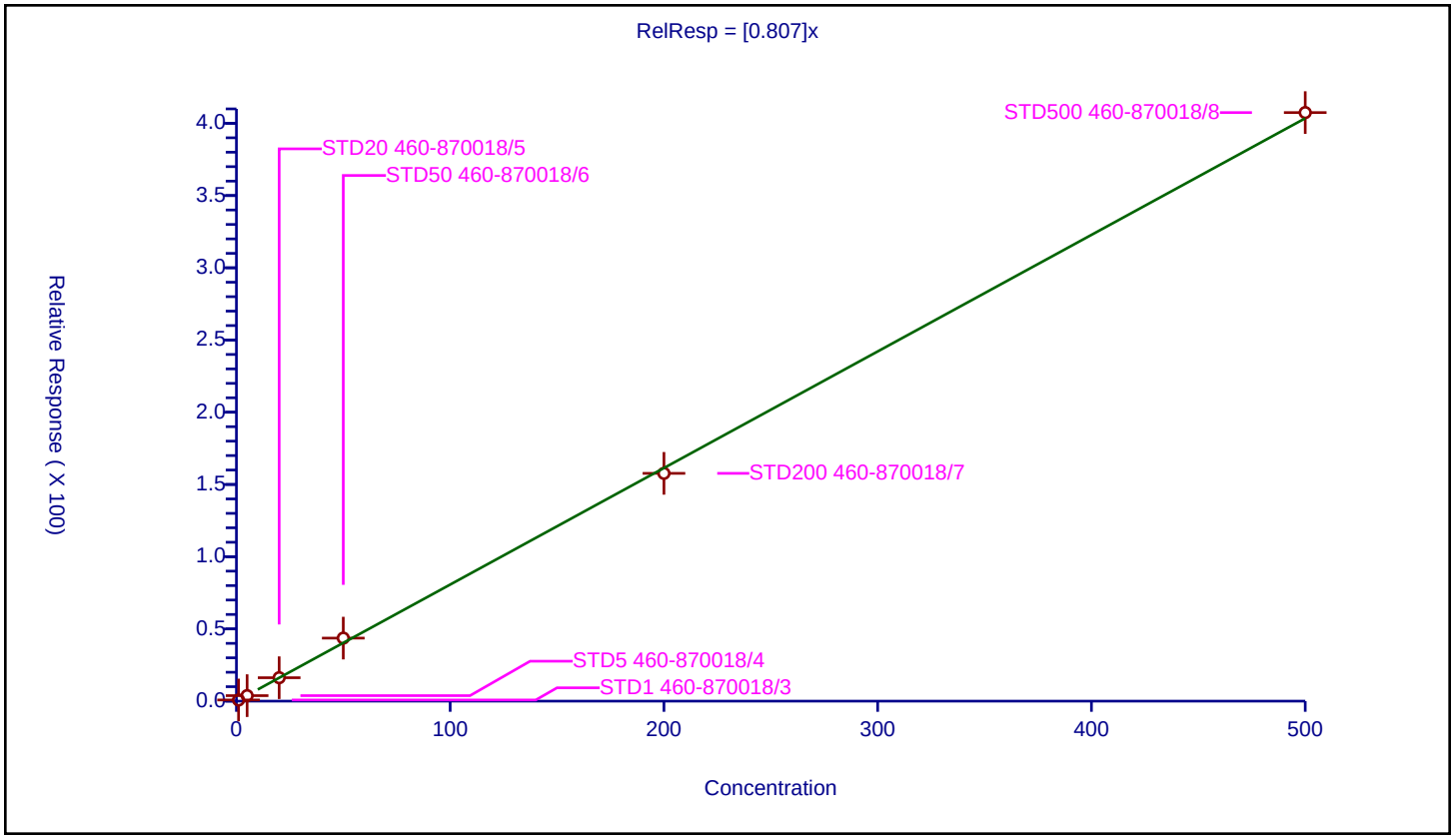
Curve Coefficients

Intercept:	0
Slope:	0.807

Error Coefficients

Standard Error:	2580000
Relative Standard Error:	4.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.793402	50.0	418136.0	0.793402	Y
2	STD5 460-870018/4	5.0	3.807423	50.0	425524.0	0.761485	Y
3	STD20 460-870018/5	20.0	16.216451	50.0	442973.0	0.810823	Y
4	STD50 460-870018/6	50.0	43.632108	50.0	464251.0	0.872642	Y
5	STD200 460-870018/7	200.0	157.700337	50.0	547067.0	0.788502	Y
6	STD500 460-870018/8	500.0	407.444071	50.0	673798.0	0.814888	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

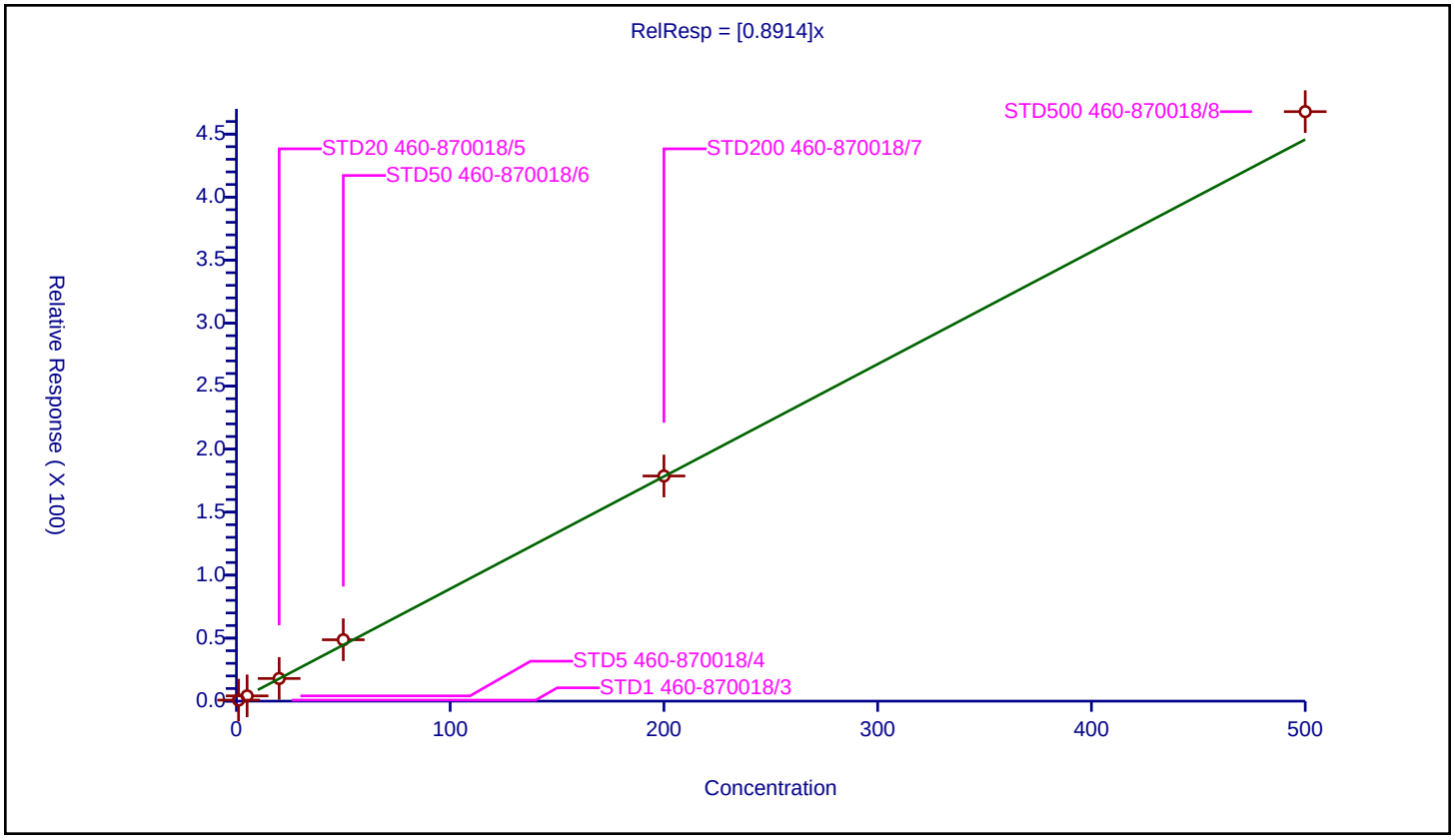
Curve Coefficients

Intercept:	0
Slope:	0.8914

Error Coefficients

Standard Error:	2960000
Relative Standard Error:	6.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.812654	50.0	418136.0	0.812654	Y
2	STD5 460-870018/4	5.0	4.171915	50.0	425524.0	0.834383	Y
3	STD20 460-870018/5	20.0	17.971411	50.0	442973.0	0.898571	Y
4	STD50 460-870018/6	50.0	48.703611	50.0	464251.0	0.974072	Y
5	STD200 460-870018/7	200.0	178.672813	50.0	547067.0	0.893364	Y
6	STD500 460-870018/8	500.0	467.816467	50.0	673798.0	0.935633	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

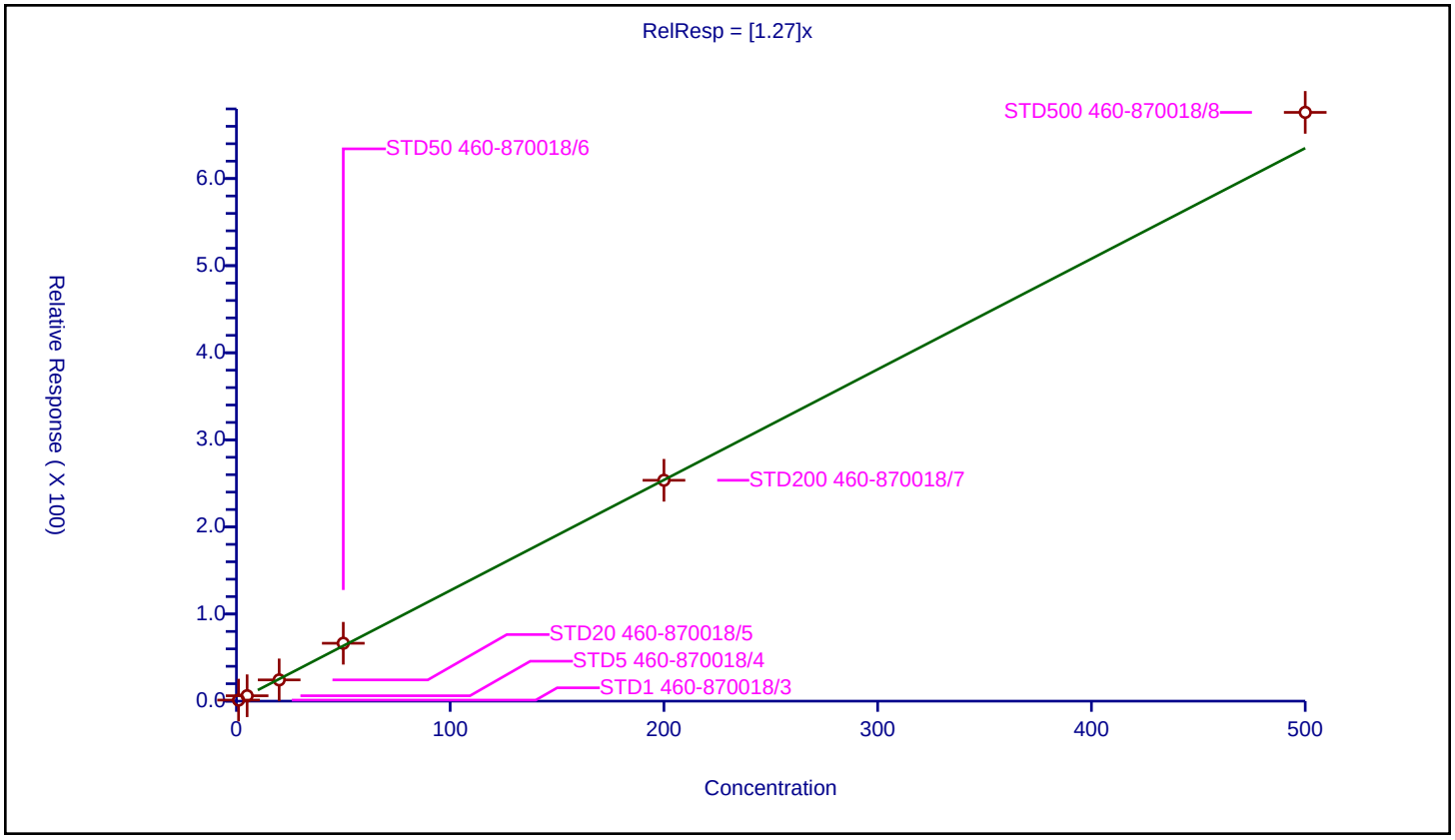
Curve Coefficients

Intercept:	0
Slope:	1.27

Error Coefficients

Standard Error:	4270000
Relative Standard Error:	4.6
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.210133	50.0	418136.0	1.210133	Y
2	STD5 460-870018/4	5.0	6.19918	50.0	425524.0	1.239836	Y
3	STD20 460-870018/5	20.0	24.396972	50.0	442973.0	1.219849	Y
4	STD50 460-870018/6	50.0	66.4662	50.0	464251.0	1.329324	Y
5	STD200 460-870018/7	200.0	253.588135	50.0	547067.0	1.267941	Y
6	STD500 460-870018/8	500.0	675.996367	50.0	673798.0	1.351993	Y



Calibration / n-Butyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

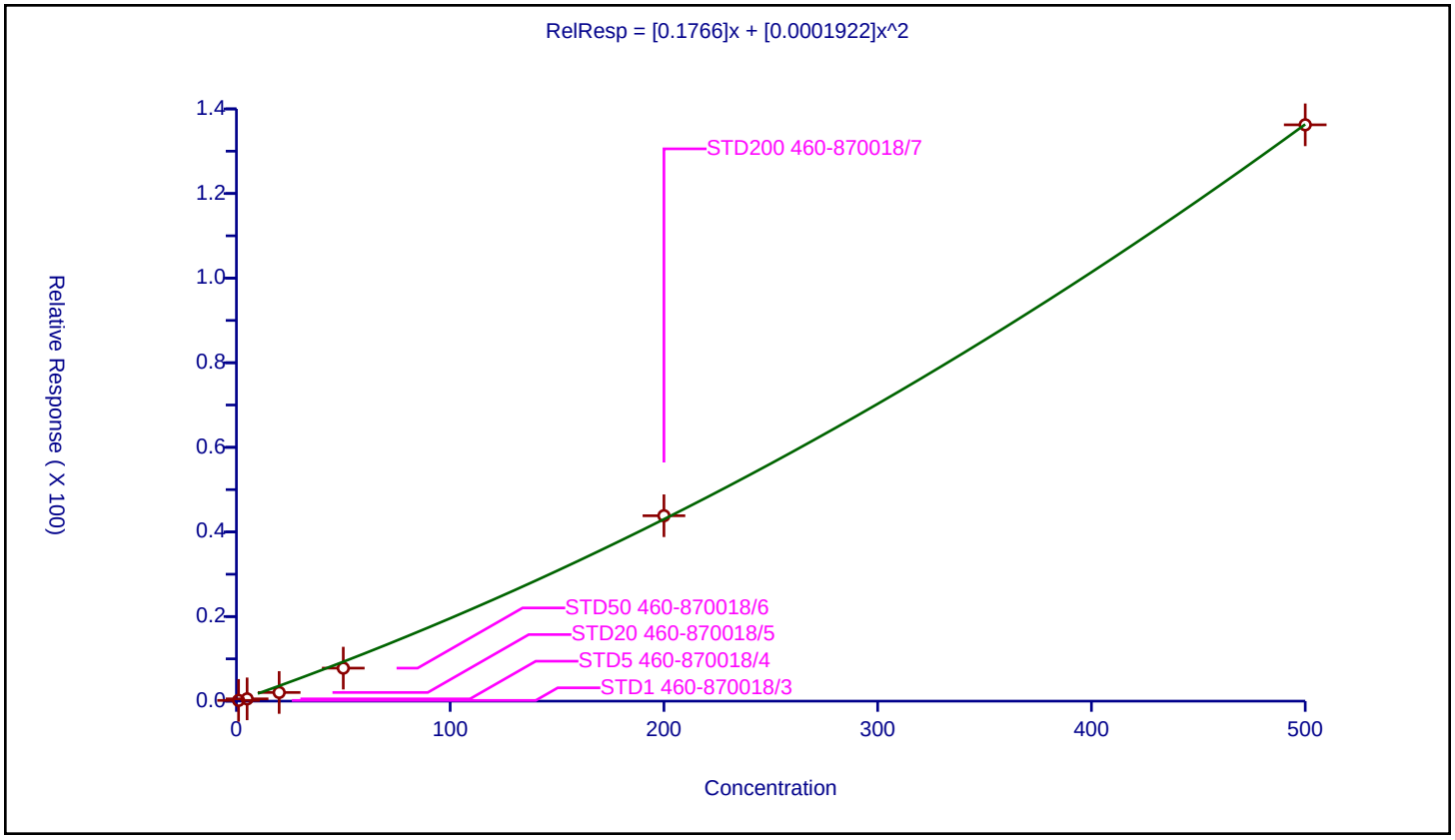
Curve Coefficients

Intercept:	0
Slope:	0.1766
Second Order:	0.0001922

Error Coefficients

Standard Error:	949000
Relative Standard Error:	30.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.170997	50.0	418136.0	0.170997	Y
2	STD5 460-870018/4	5.0	0.53581	50.0	425524.0	0.107162	Y
3	STD20 460-870018/5	20.0	2.049222	50.0	442973.0	0.102461	Y
4	STD50 460-870018/6	50.0	7.806122	50.0	464251.0	0.156122	Y
5	STD200 460-870018/7	200.0	43.832017	50.0	547067.0	0.21916	Y
6	STD500 460-870018/8	500.0	136.232743	50.0	673798.0	0.272465	Y



Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

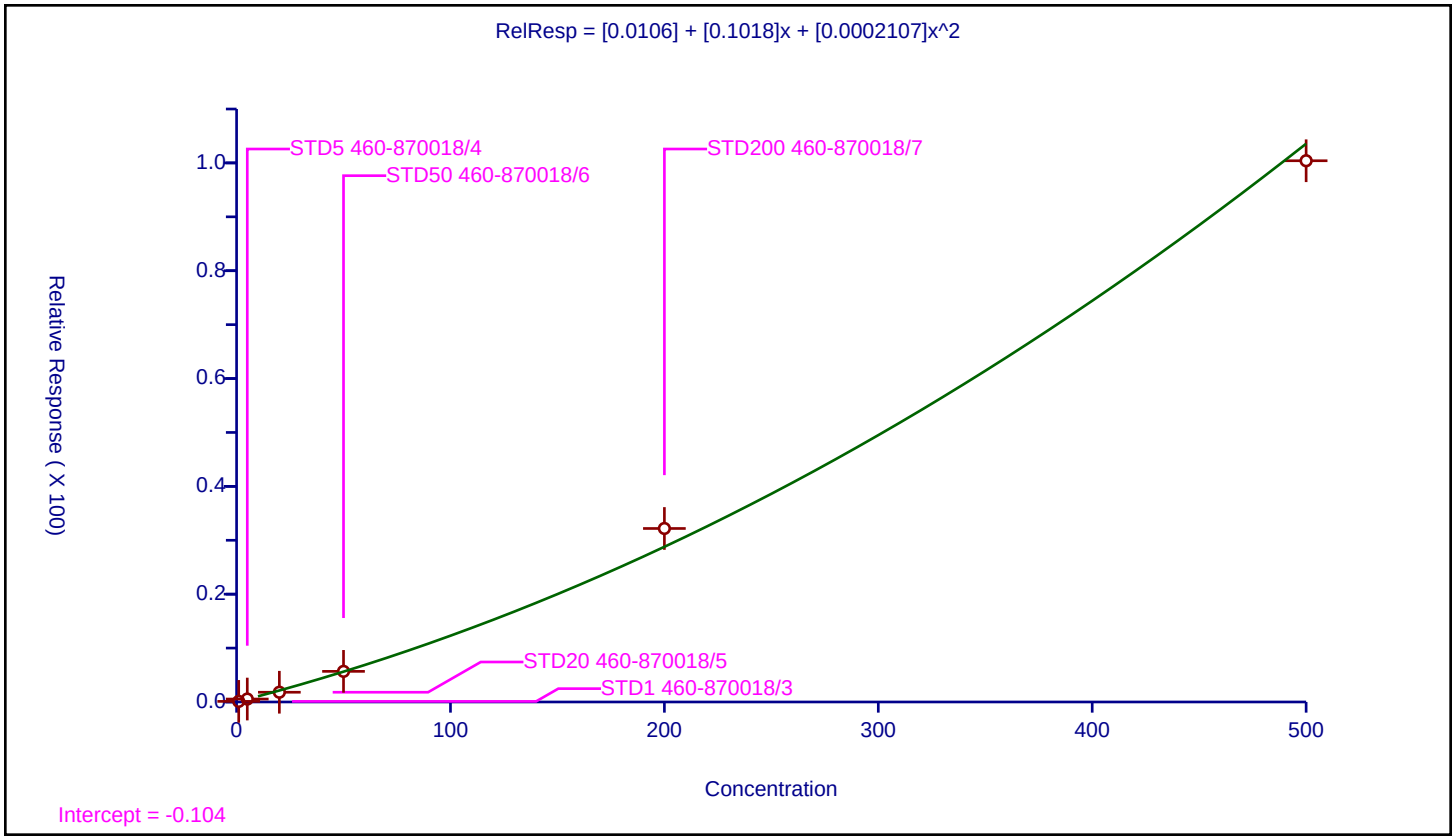
Curve Coefficients

Intercept:	0.0106
Slope:	0.1018
Second Order:	0.0002107

Error Coefficients

Standard Error:	808000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.112404	50.0	418136.0	0.112404	Y
2	STD5 460-870018/4	5.0	0.546385	50.0	425524.0	0.109277	Y
3	STD20 460-870018/5	20.0	1.809591	50.0	442973.0	0.09048	Y
4	STD50 460-870018/6	50.0	5.68281	50.0	464251.0	0.113656	Y
5	STD200 460-870018/7	200.0	32.187374	50.0	547067.0	0.160937	Y
6	STD500 460-870018/8	500.0	100.401233	50.0	673798.0	0.200802	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

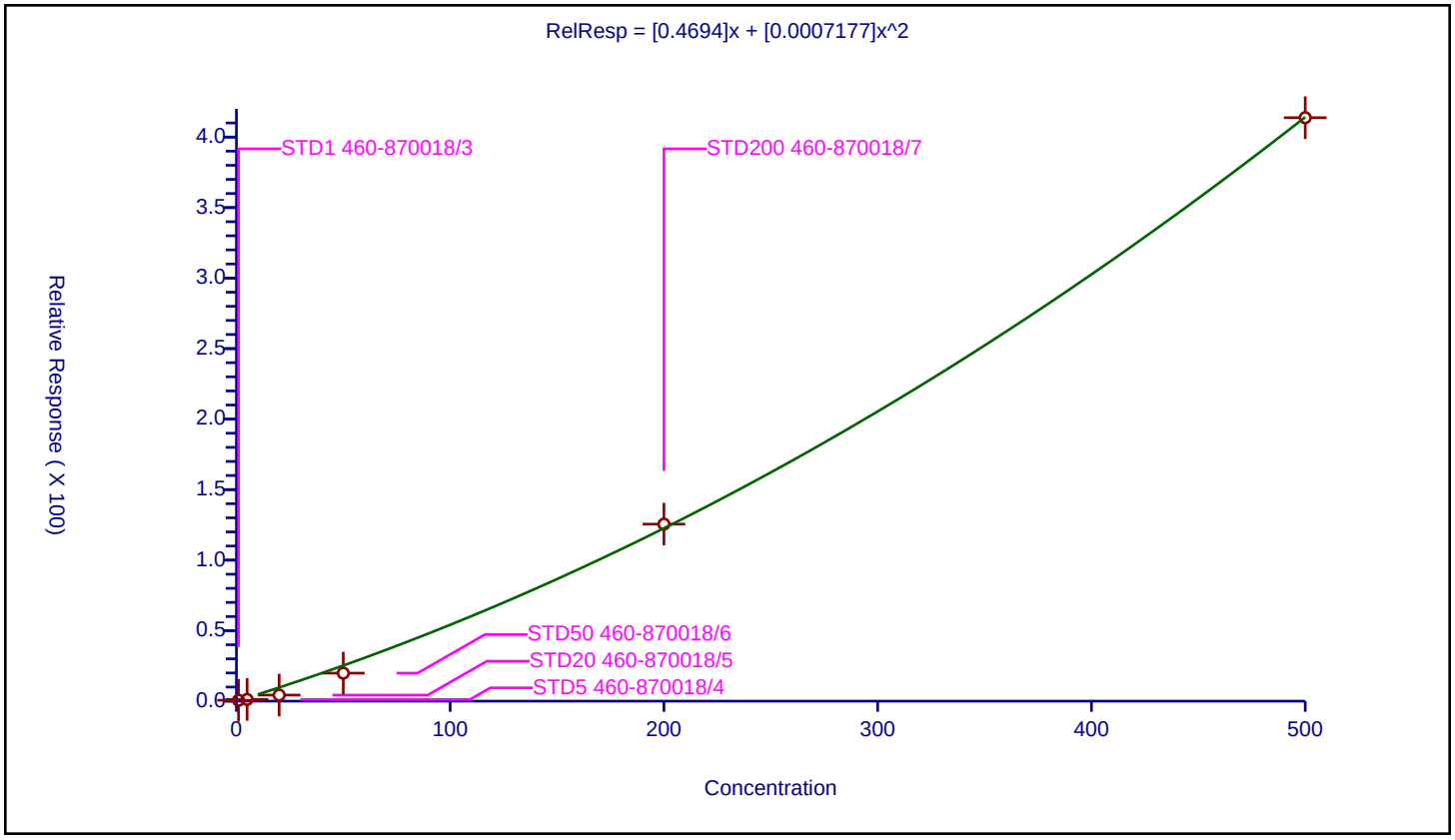
Curve Coefficients

Intercept:	0
Slope:	0.4694
Second Order:	0.0007177

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	41.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.62961	50.0	224663.0	0.62961	Y
2	STD5 460-870018/4	5.0	1.201901	50.0	230385.0	0.24038	Y
3	STD20 460-870018/5	20.0	4.313561	50.0	239060.0	0.215678	Y
4	STD50 460-870018/6	50.0	19.850996	50.0	254423.0	0.39702	Y
5	STD200 460-870018/7	200.0	125.529912	50.0	289482.0	0.62765	Y
6	STD500 460-870018/8	500.0	413.74242	50.0	362287.0	0.827485	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

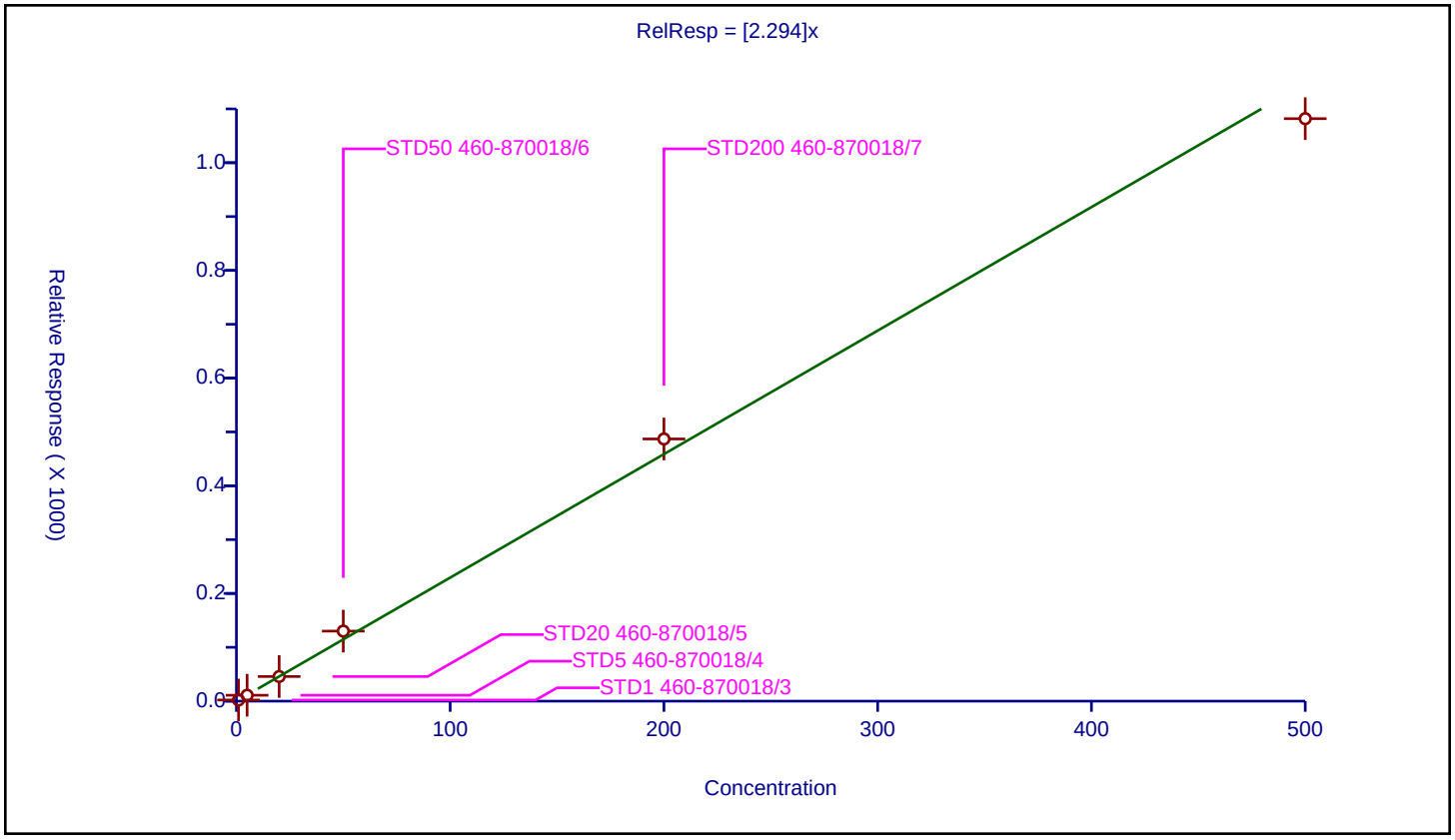
Curve Coefficients

Intercept:	0
Slope:	2.294

Error Coefficients

Standard Error:	6960000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	2.082815	50.0	418136.0	2.082815	Y
2	STD5 460-870018/4	5.0	10.974587	50.0	425524.0	2.194917	Y
3	STD20 460-870018/5	20.0	45.719039	50.0	442973.0	2.285952	Y
4	STD50 460-870018/6	50.0	130.080603	50.0	464251.0	2.601612	Y
5	STD200 460-870018/7	200.0	486.927652	50.0	547067.0	2.434638	Y
6	STD500 460-870018/8	500.0	1081.836544	50.0	673798.0	2.163673	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

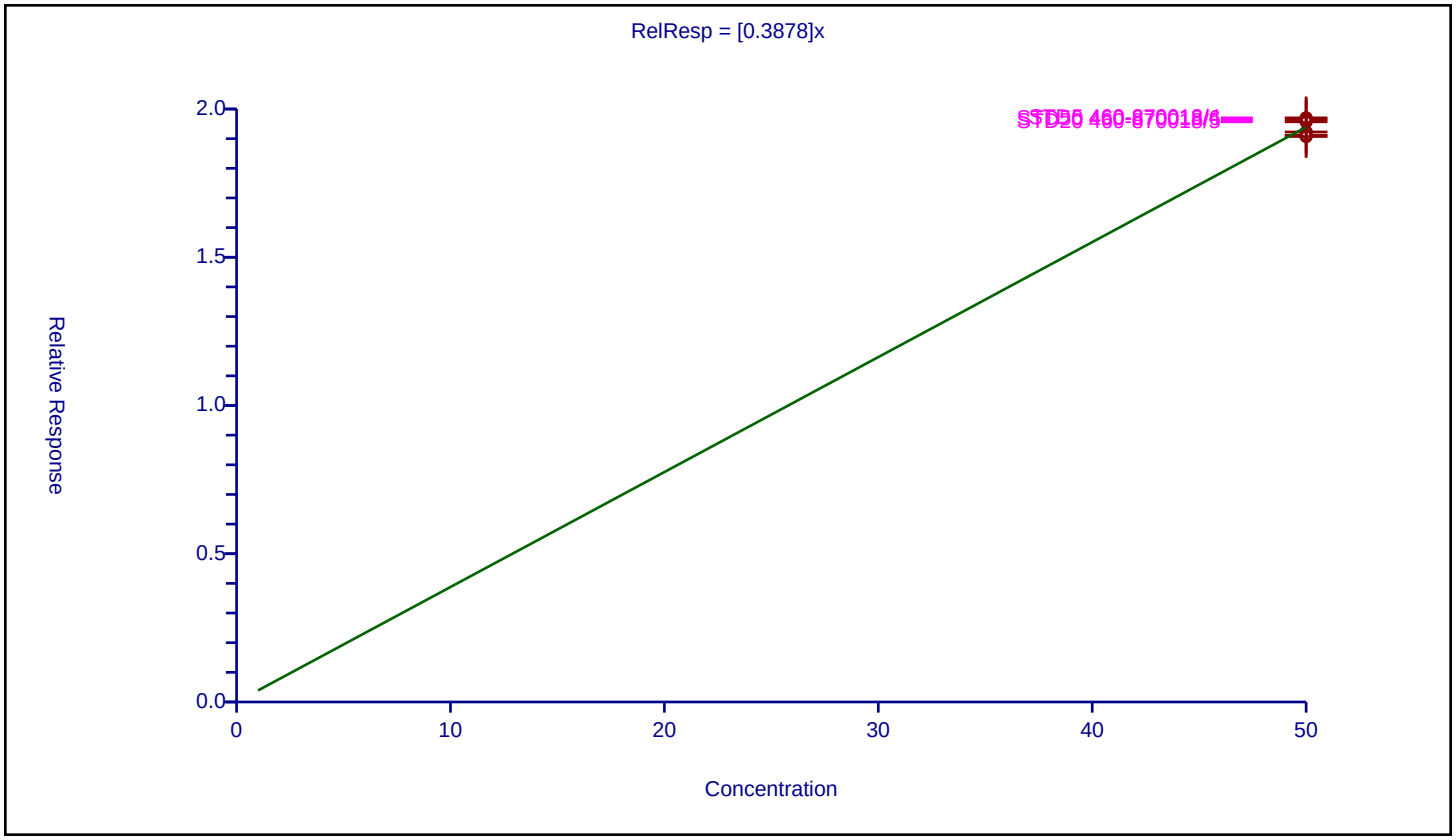
Curve Coefficients

Intercept:	0
Slope:	0.3878

Error Coefficients

Standard Error:	213000
Relative Standard Error:	1.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	50.0	19.2264	50.0	418136.0	0.384528	Y
2	STD5 460-870018/4	50.0	19.701121	50.0	425524.0	0.394022	Y
3	STD20 460-870018/5	50.0	19.568687	50.0	442973.0	0.391374	Y
4	STD50 460-870018/6	50.0	19.642607	50.0	464251.0	0.392852	Y
5	STD200 460-870018/7	50.0	19.115666	50.0	547067.0	0.382313	Y
6	STD500 460-870018/8	50.0	19.071369	50.0	673798.0	0.381427	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

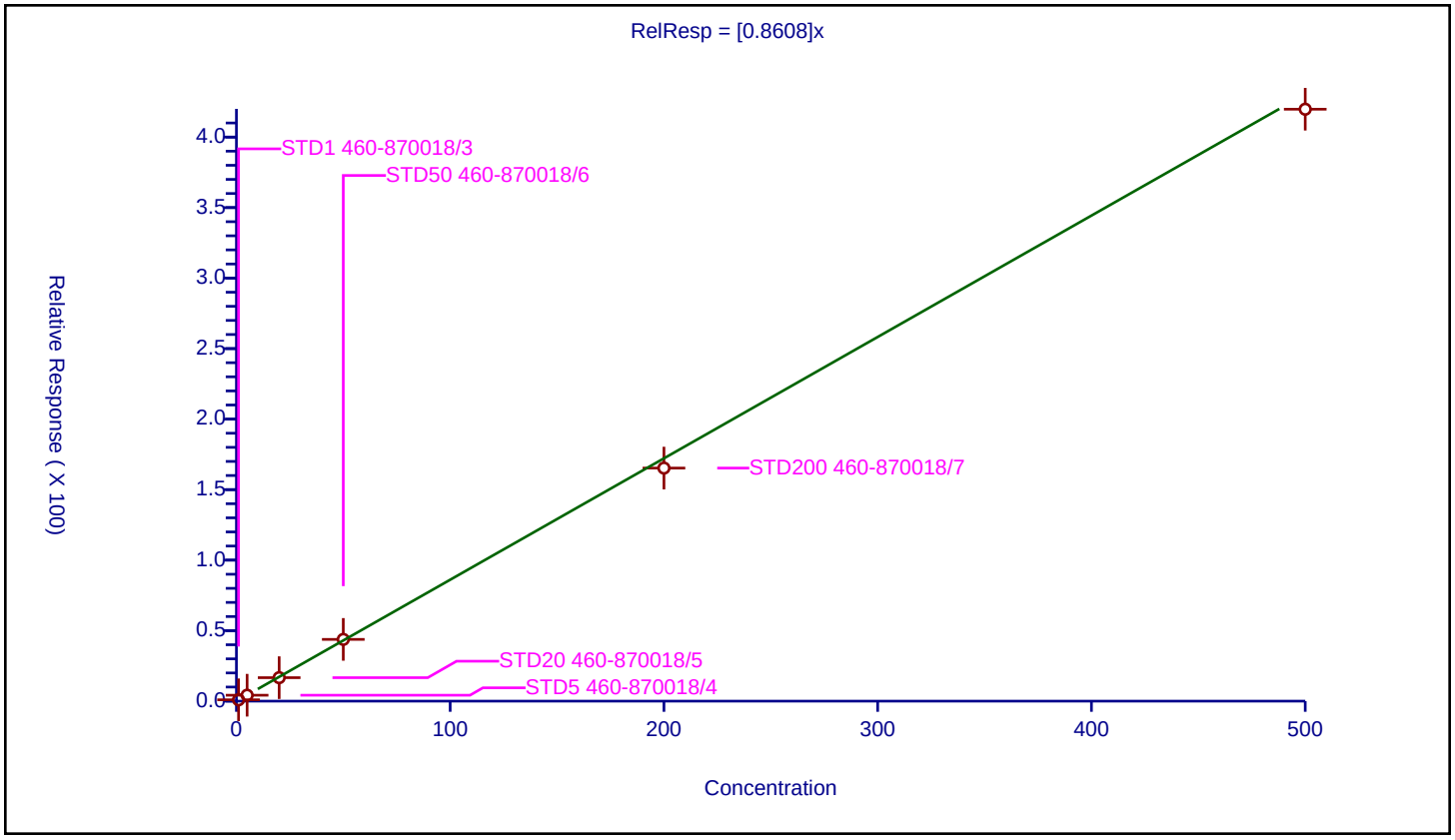
Curve Coefficients

Intercept:	0
Slope:	0.8608

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	5.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.952538	50.0	224663.0	0.952538	Y
2	STD5 460-870018/4	5.0	4.193632	50.0	230385.0	0.838726	Y
3	STD20 460-870018/5	20.0	16.640801	50.0	239060.0	0.83204	Y
4	STD50 460-870018/6	50.0	43.78869	50.0	254423.0	0.875774	Y
5	STD200 460-870018/7	200.0	165.283506	50.0	289482.0	0.826418	Y
6	STD500 460-870018/8	500.0	419.763751	50.0	362287.0	0.839528	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

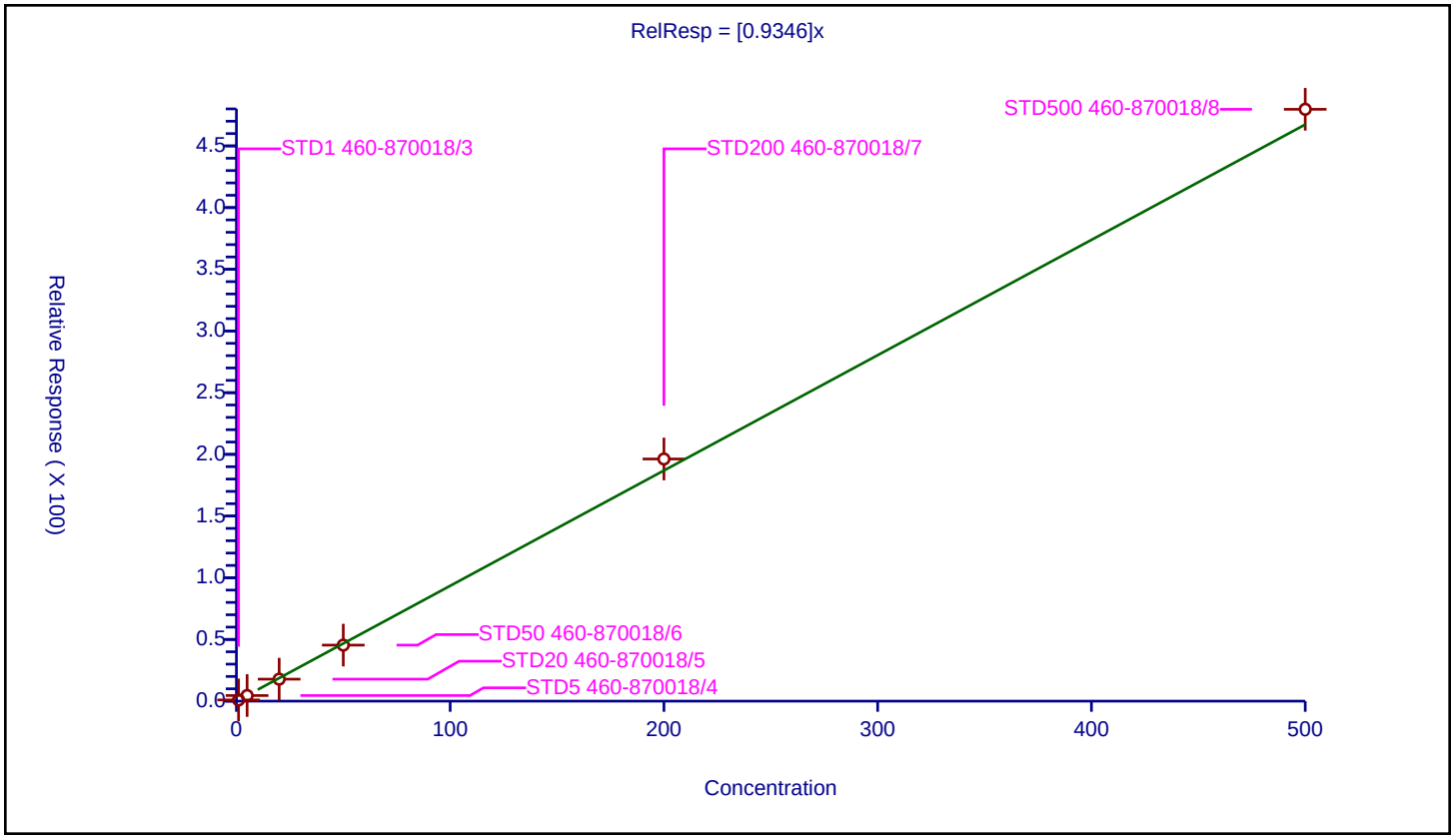
Curve Coefficients

Intercept:	0
Slope:	0.9346

Error Coefficients

Standard Error:	1640000
Relative Standard Error:	3.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.958769	50.0	224663.0	0.958769	Y
2	STD5 460-870018/4	5.0	4.543916	50.0	230385.0	0.908783	Y
3	STD20 460-870018/5	20.0	17.827533	50.0	239060.0	0.891377	Y
4	STD50 460-870018/6	50.0	45.405093	50.0	254423.0	0.908102	Y
5	STD200 460-870018/7	200.0	196.249335	50.0	289482.0	0.981247	Y
6	STD500 460-870018/8	500.0	479.685167	50.0	362287.0	0.95937	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

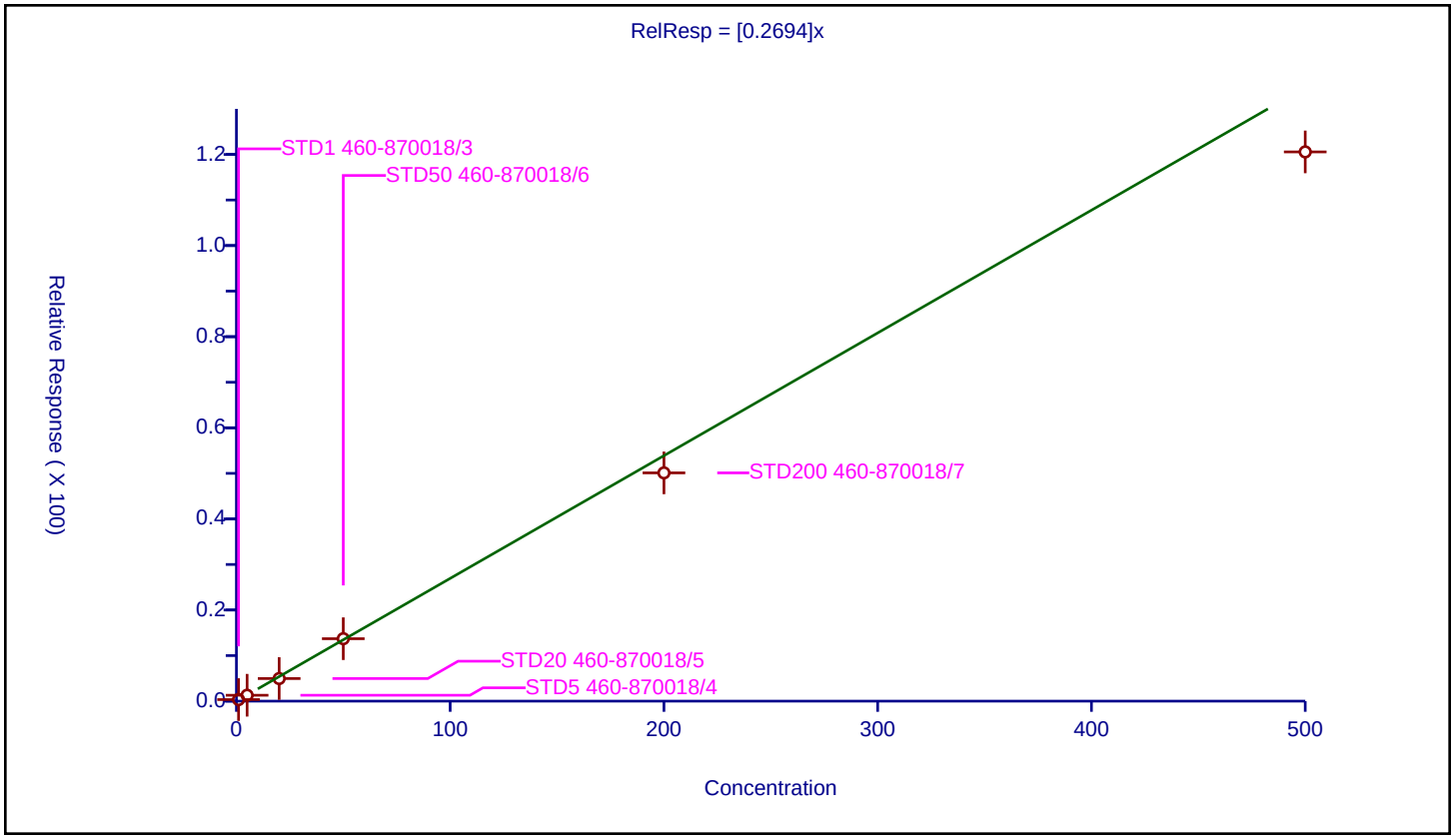
Curve Coefficients

Intercept:	0
Slope:	0.2694

Error Coefficients

Standard Error:	413000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.343848	50.0	224663.0	0.343848	Y
2	STD5 460-870018/4	5.0	1.294355	50.0	230385.0	0.258871	Y
3	STD20 460-870018/5	20.0	4.958169	50.0	239060.0	0.247908	Y
4	STD50 460-870018/6	50.0	13.708863	50.0	254423.0	0.274177	Y
5	STD200 460-870018/7	200.0	50.103115	50.0	289482.0	0.250516	Y
6	STD500 460-870018/8	500.0	120.559115	50.0	362287.0	0.241118	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

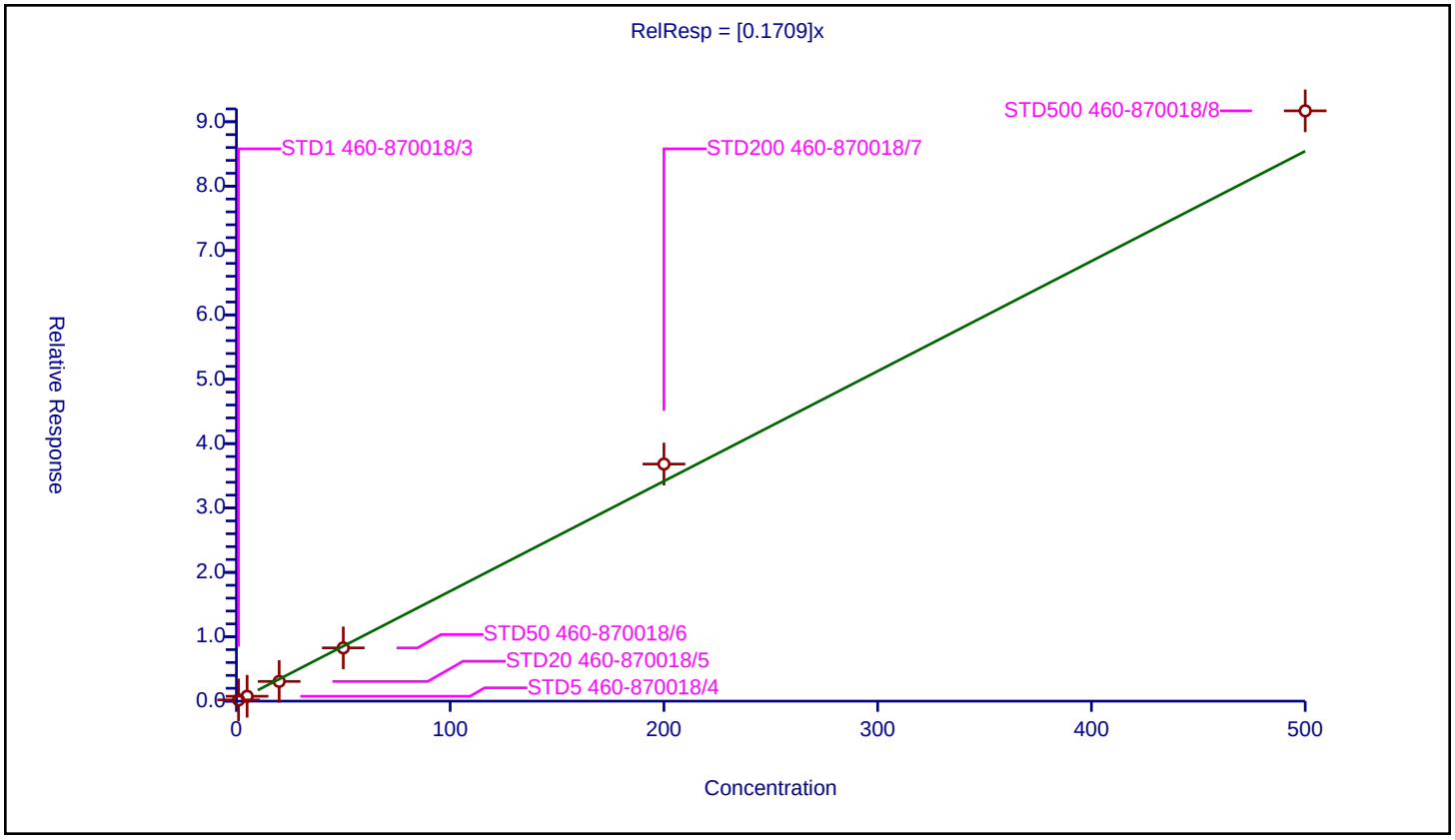
Curve Coefficients

Intercept:	0
Slope:	0.1709

Error Coefficients

Standard Error:	313000
Relative Standard Error:	9.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.187169	50.0	224663.0	0.187169	Y
2	STD5 460-870018/4	5.0	0.760032	50.0	230385.0	0.152006	Y
3	STD20 460-870018/5	20.0	3.062202	50.0	239060.0	0.15311	Y
4	STD50 460-870018/6	50.0	8.271658	50.0	254423.0	0.165433	Y
5	STD200 460-870018/7	200.0	36.829578	50.0	289482.0	0.184148	Y
6	STD500 460-870018/8	500.0	91.699537	50.0	362287.0	0.183399	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

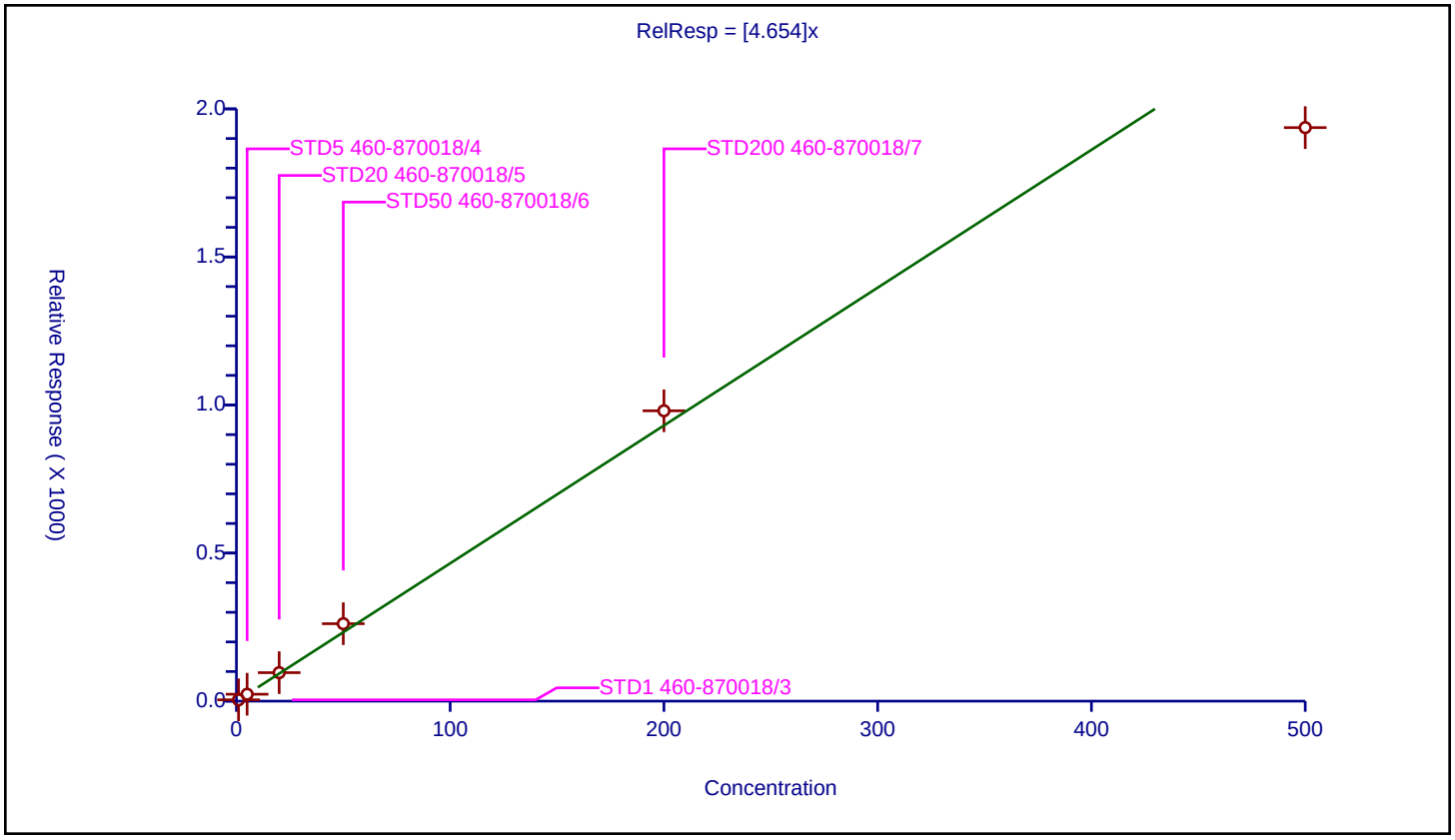
Curve Coefficients

Intercept:	0
Slope:	4.654

Error Coefficients

Standard Error:	6800000
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	STD1 460-870018/3	1.0	4.44577	50.0	224663.0	4.44577	Y
2	STD5 460-870018/4	5.0	23.328993	50.0	230385.0	4.665799	Y
3	STD20 460-870018/5	20.0	96.150757	50.0	239060.0	4.807538	Y
4	STD50 460-870018/6	50.0	261.474198	50.0	254423.0	5.229484	Y
5	STD200 460-870018/7	200.0	980.518132	50.0	289482.0	4.902591	Y
6	STD500 460-870018/8	500.0	1936.782302	50.0	362287.0	3.873565	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

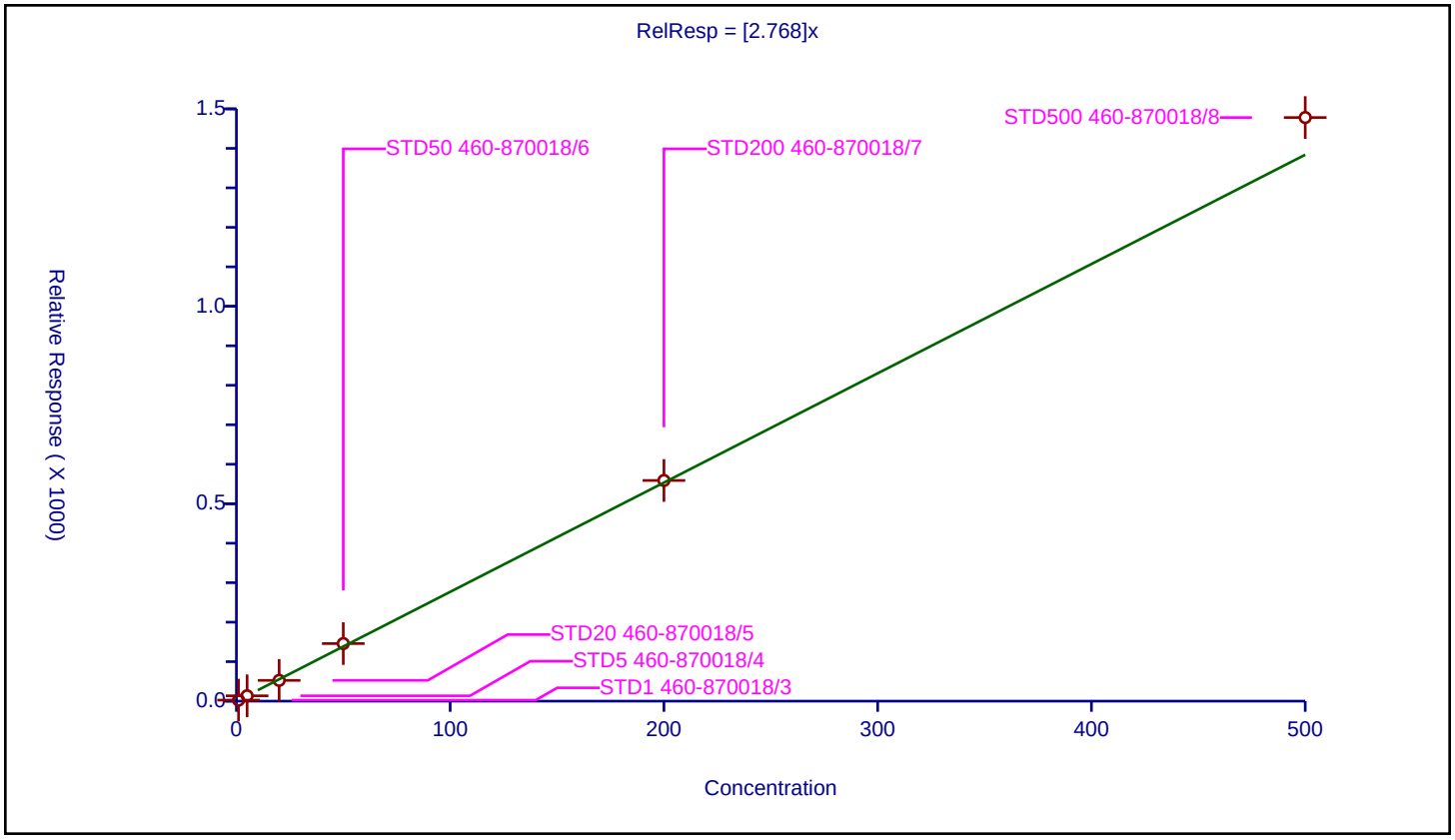
Curve Coefficients

Intercept:	0
Slope:	2.768

Error Coefficients

Standard Error:	5010000
Relative Standard Error:	5.3
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	2.601007	50.0	224663.0	2.601007	Y
2	STD5 460-870018/4	5.0	13.539944	50.0	230385.0	2.707989	Y
3	STD20 460-870018/5	20.0	52.589308	50.0	239060.0	2.629465	Y
4	STD50 460-870018/6	50.0	145.835479	50.0	254423.0	2.91671	Y
5	STD200 460-870018/7	200.0	558.917307	50.0	289482.0	2.794587	Y
6	STD500 460-870018/8	500.0	1478.042822	50.0	362287.0	2.956086	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

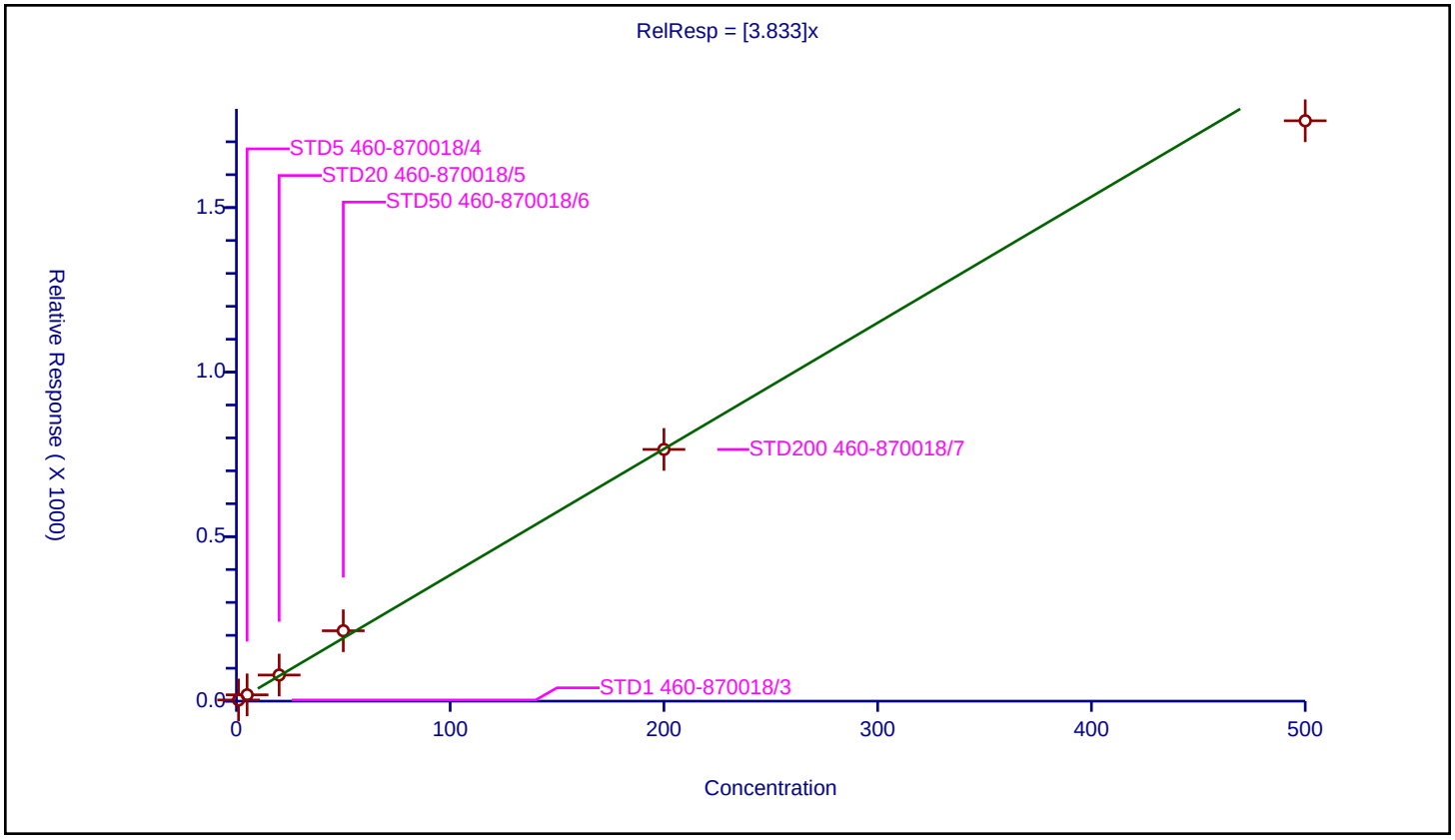
Curve Coefficients

Intercept:	0
Slope:	3.833

Error Coefficients

Standard Error:	6070000
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	STD1 460-870018/3	1.0	3.553322	50.0	224663.0	3.553322	Y
2	STD5 460-870018/4	5.0	19.212405	50.0	230385.0	3.842481	Y
3	STD20 460-870018/5	20.0	79.396595	50.0	239060.0	3.96983	Y
4	STD50 460-870018/6	50.0	213.937812	50.0	254423.0	4.278756	Y
5	STD200 460-870018/7	200.0	764.959307	50.0	289482.0	3.824797	Y
6	STD500 460-870018/8	500.0	1763.909	50.0	362287.0	3.527818	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

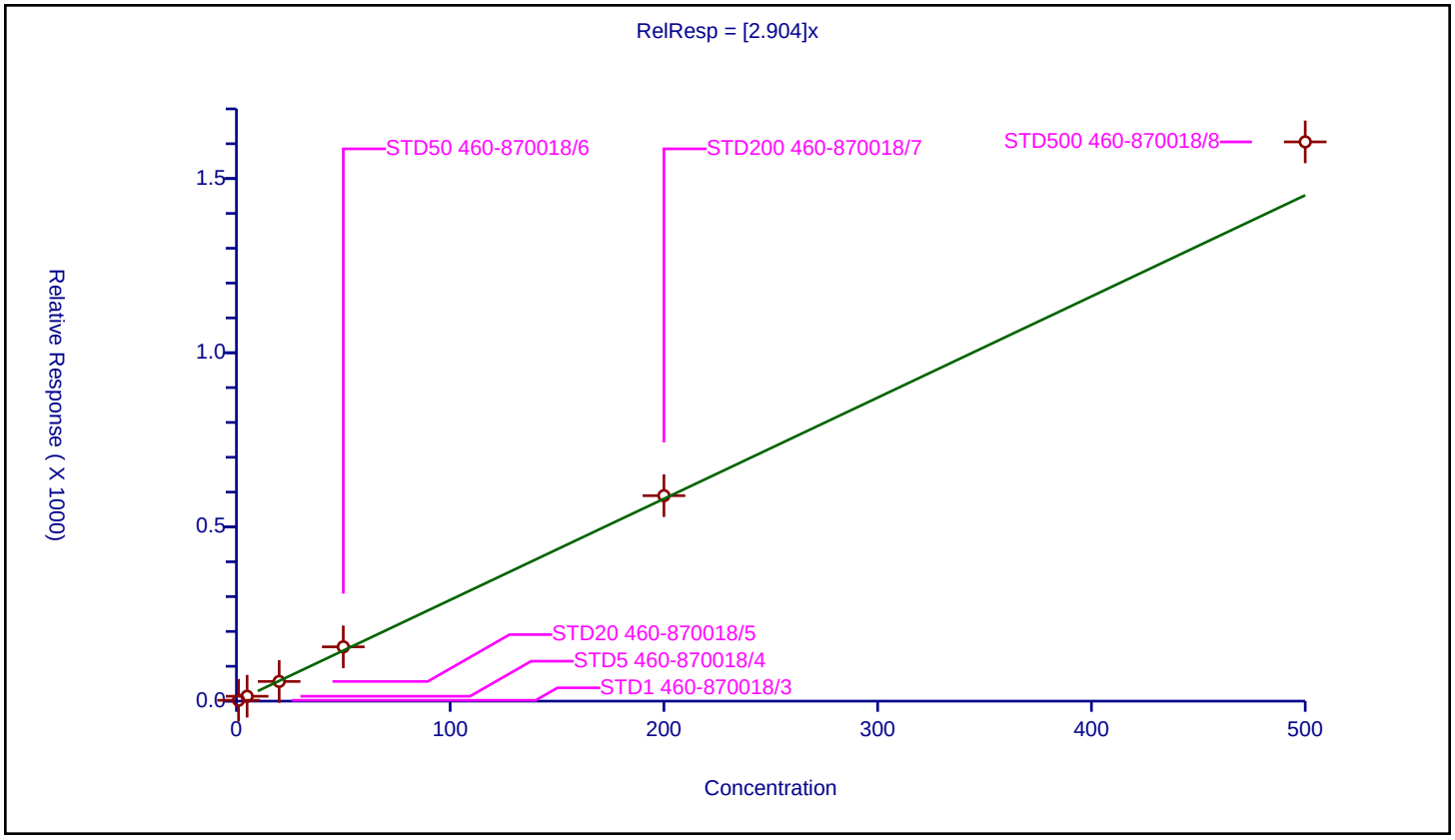
Curve Coefficients

Intercept:	0
Slope:	2.904

Error Coefficients

Standard Error:	5430000
Relative Standard Error:	8.6
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	2.510649	50.0	224663.0	2.510649	Y
2	STD5 460-870018/4	5.0	14.061462	50.0	230385.0	2.812292	Y
3	STD20 460-870018/5	20.0	56.523467	50.0	239060.0	2.826173	Y
4	STD50 460-870018/6	50.0	155.85521	50.0	254423.0	3.117104	Y
5	STD200 460-870018/7	200.0	589.809211	50.0	289482.0	2.949046	Y
6	STD500 460-870018/8	500.0	1605.305462	50.0	362287.0	3.210611	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

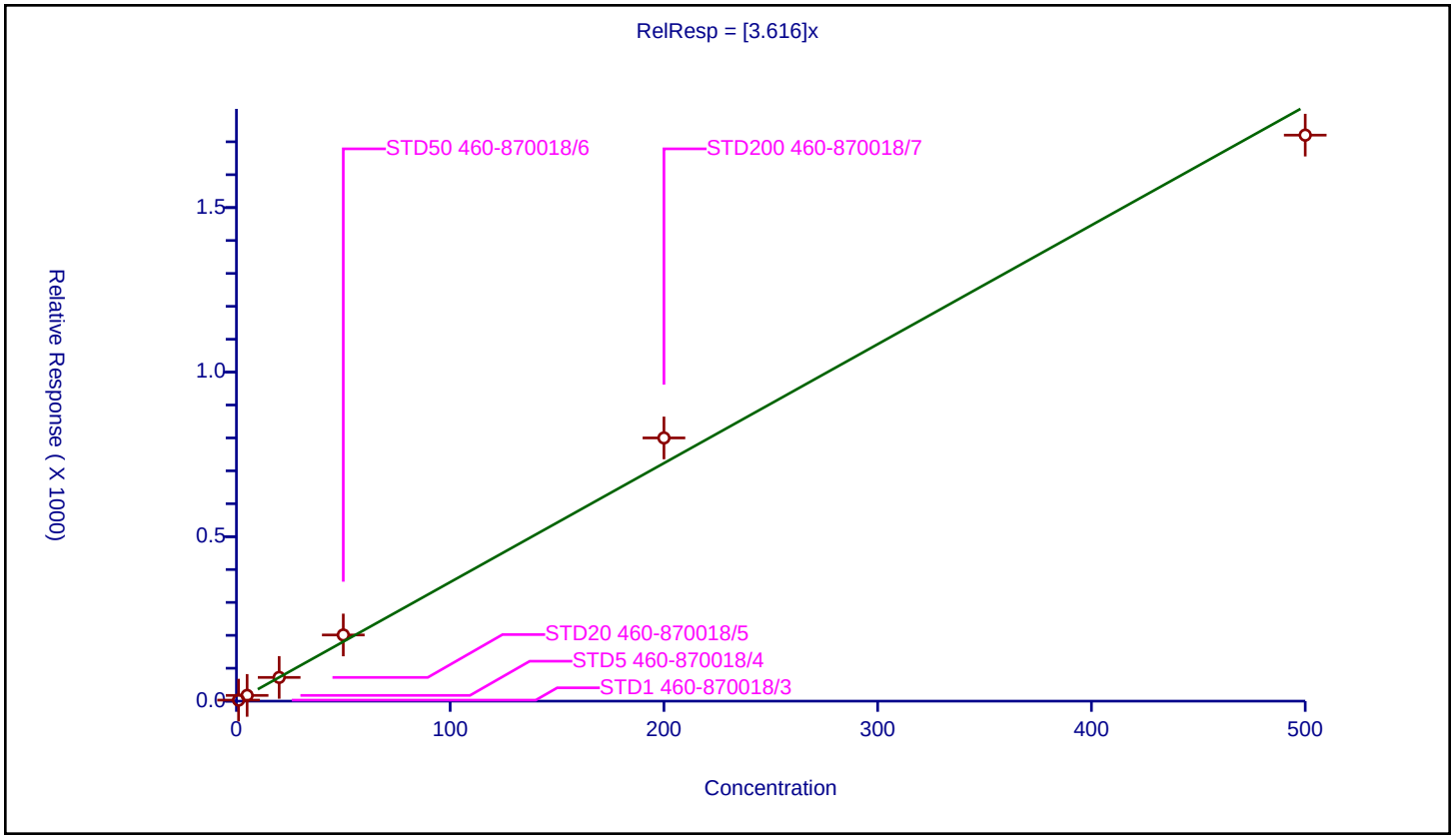
Curve Coefficients

Intercept:	0
Slope:	3.616

Error Coefficients

Standard Error:	5970000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	3.1456	50.0	224663.0	3.1456	Y
2	STD5 460-870018/4	5.0	17.412158	50.0	230385.0	3.482432	Y
3	STD20 460-870018/5	20.0	72.116414	50.0	239060.0	3.605821	Y
4	STD50 460-870018/6	50.0	201.114286	50.0	254423.0	4.022286	Y
5	STD200 460-870018/7	200.0	799.954919	50.0	289482.0	3.999775	Y
6	STD500 460-870018/8	500.0	1720.304344	50.0	362287.0	3.440609	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

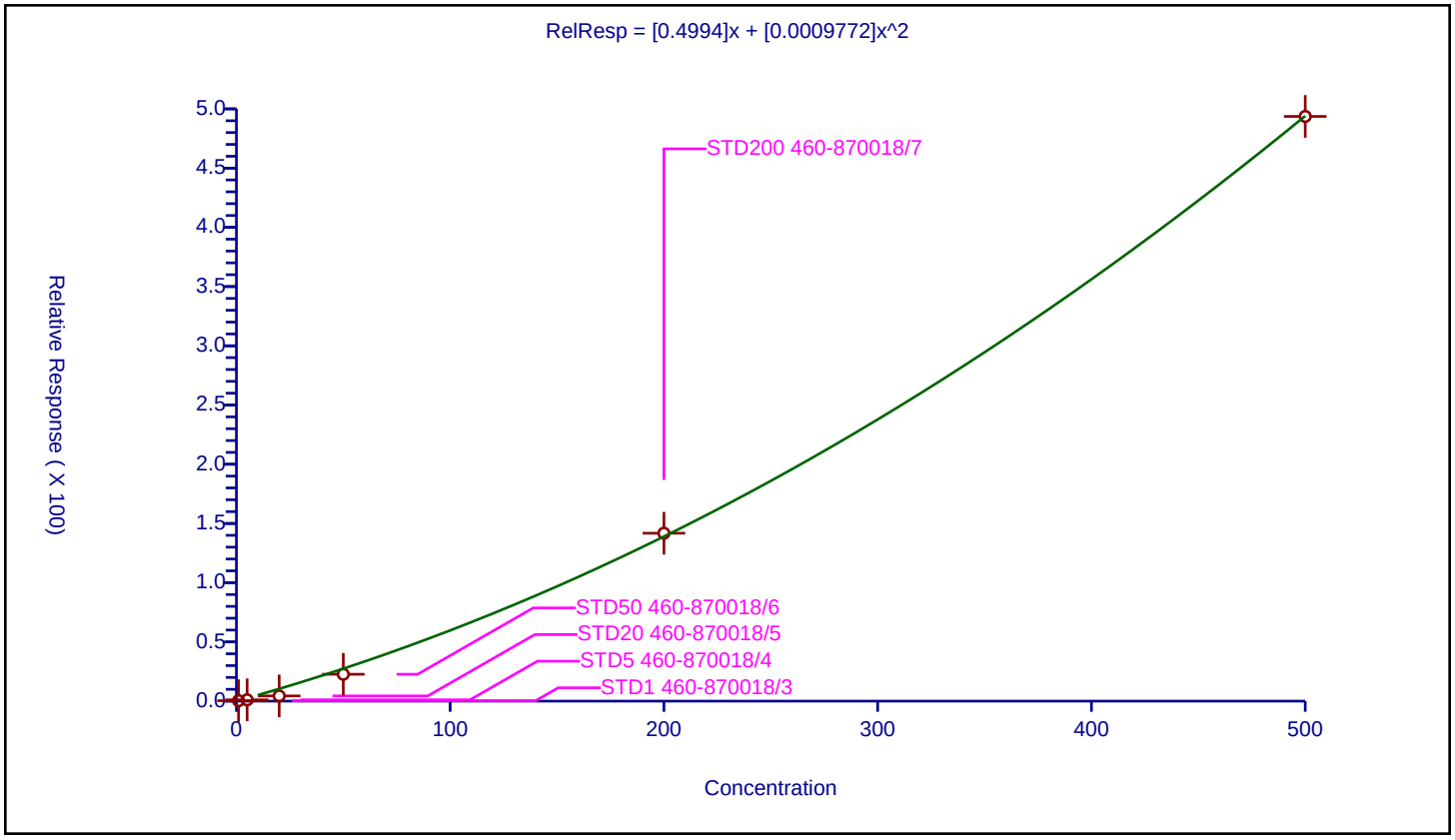
Curve Coefficients

Intercept:	0
Slope:	0.4994
Second Order:	0.0009772

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	42.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.372113	50.0	224663.0	0.372113	Y
2	STD5 460-870018/4	5.0	1.104456	50.0	230385.0	0.220891	Y
3	STD20 460-870018/5	20.0	4.394713	50.0	239060.0	0.219736	Y
4	STD50 460-870018/6	50.0	22.692917	50.0	254423.0	0.453858	Y
5	STD200 460-870018/7	200.0	141.766327	50.0	289482.0	0.708832	Y
6	STD500 460-870018/8	500.0	493.642747	50.0	362287.0	0.987285	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

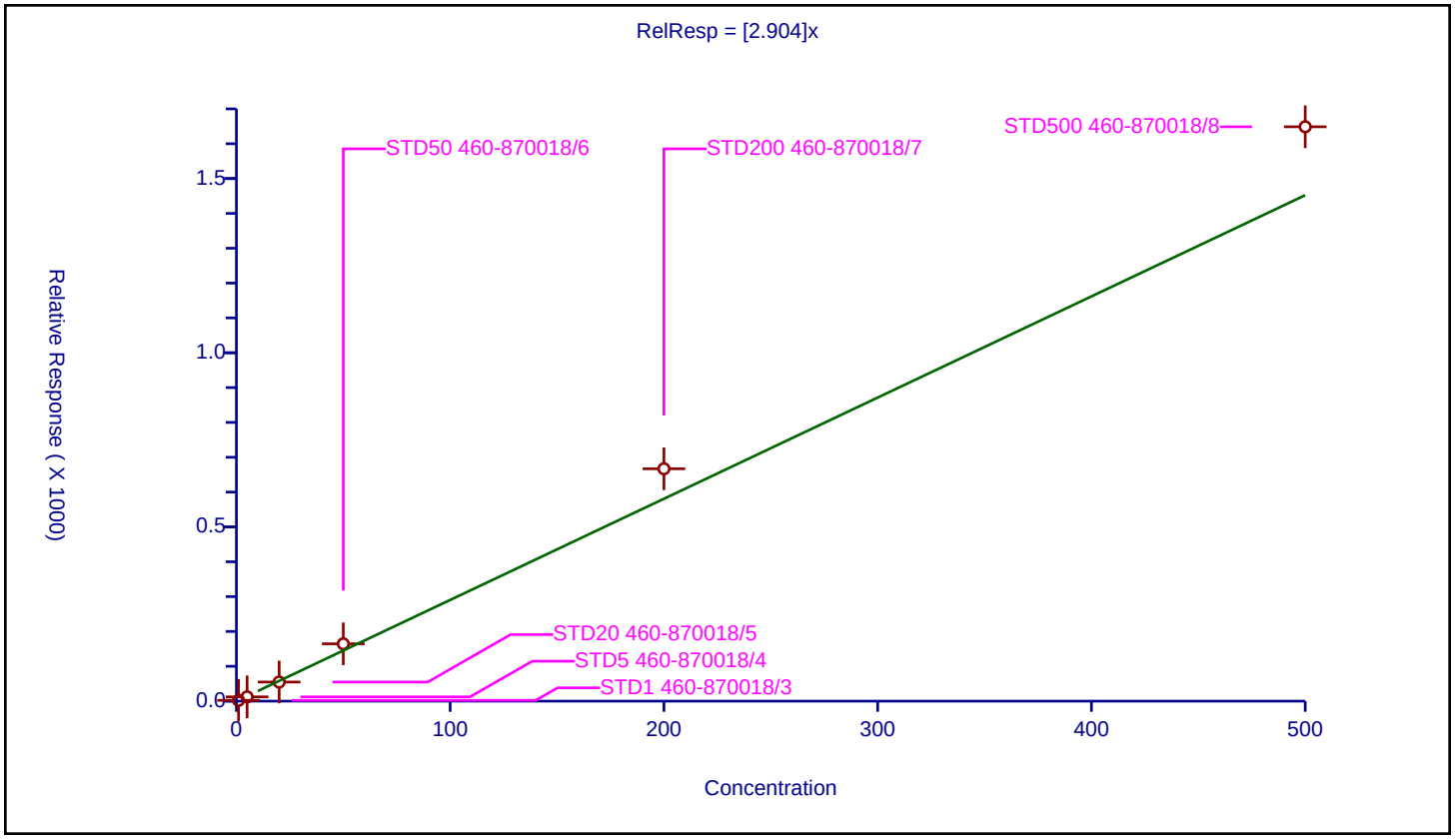
Curve Coefficients

Intercept:	0
Slope:	2.904

Error Coefficients

Standard Error:	5630000
Relative Standard Error:	16.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	2.308569	50.0	224663.0	2.308569	Y
2	STD5 460-870018/4	5.0	12.259045	50.0	230385.0	2.451809	Y
3	STD20 460-870018/5	20.0	54.858822	50.0	239060.0	2.742941	Y
4	STD50 460-870018/6	50.0	164.553519	50.0	254423.0	3.29107	Y
5	STD200 460-870018/7	200.0	666.981539	50.0	289482.0	3.334908	Y
6	STD500 460-870018/8	500.0	1648.617809	50.0	362287.0	3.297236	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

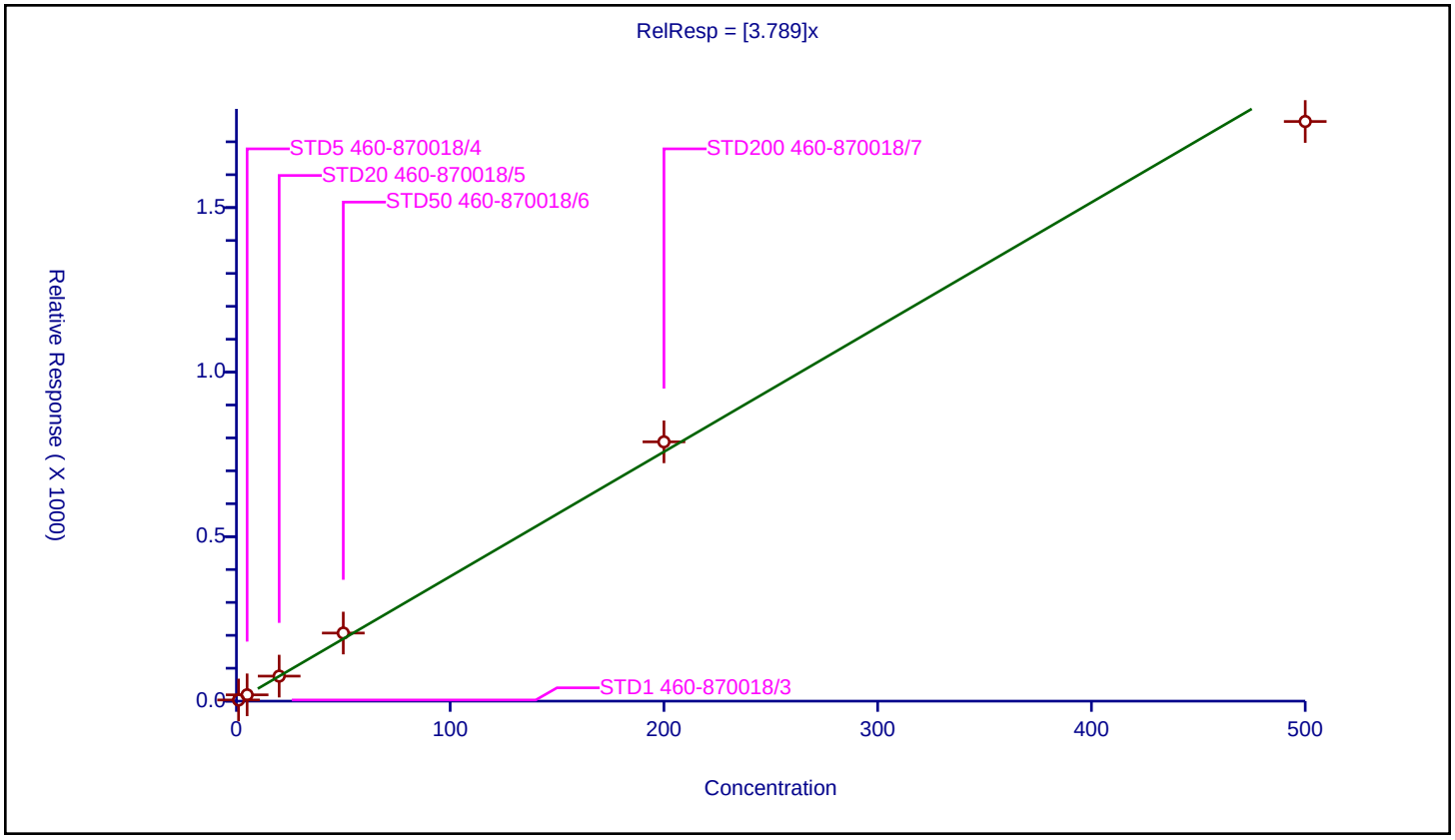
Curve Coefficients

Intercept:	0
Slope:	3.789

Error Coefficients

Standard Error:	6080000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	3.50347	50.0	224663.0	3.50347	Y
2	STD5 460-870018/4	5.0	19.141437	50.0	230385.0	3.828287	Y
3	STD20 460-870018/5	20.0	76.035305	50.0	239060.0	3.801765	Y
4	STD50 460-870018/6	50.0	206.966351	50.0	254423.0	4.139327	Y
5	STD200 460-870018/7	200.0	788.080433	50.0	289482.0	3.940402	Y
6	STD500 460-870018/8	500.0	1761.717092	50.0	362287.0	3.523434	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

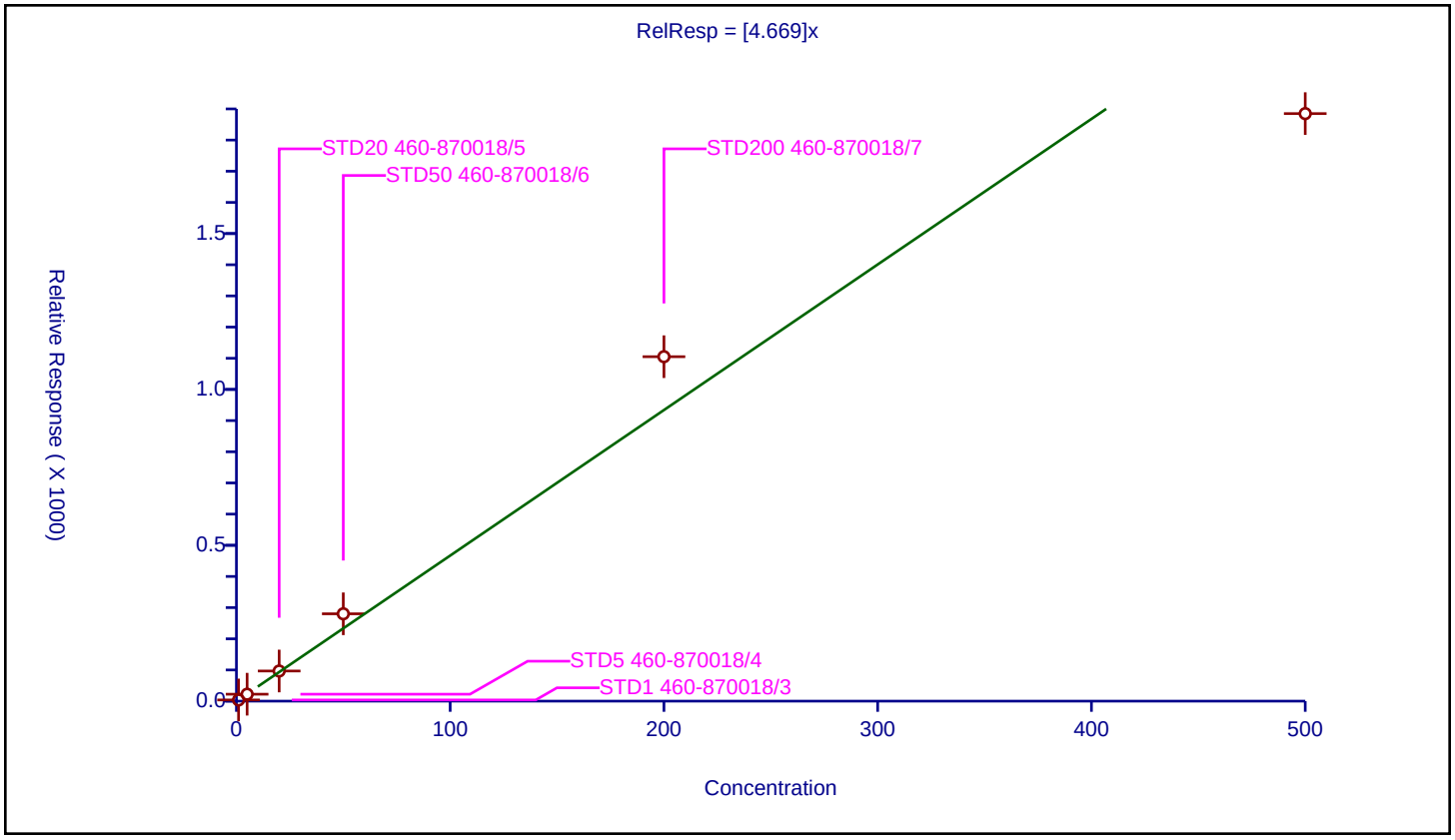
Curve Coefficients

Intercept:	0
Slope:	4.669

Error Coefficients

Standard Error:	6780000
Relative Standard Error:	17.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	3.838416	50.0	224663.0	3.838416	Y
2	STD5 460-870018/4	5.0	22.221065	50.0	230385.0	4.444213	Y
3	STD20 460-870018/5	20.0	96.68305	50.0	239060.0	4.834153	Y
4	STD50 460-870018/6	50.0	280.19558	50.0	254423.0	5.603912	Y
5	STD200 460-870018/7	200.0	1105.0561	50.0	289482.0	5.525281	Y
6	STD500 460-870018/8	500.0	1884.906994	50.0	362287.0	3.769814	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

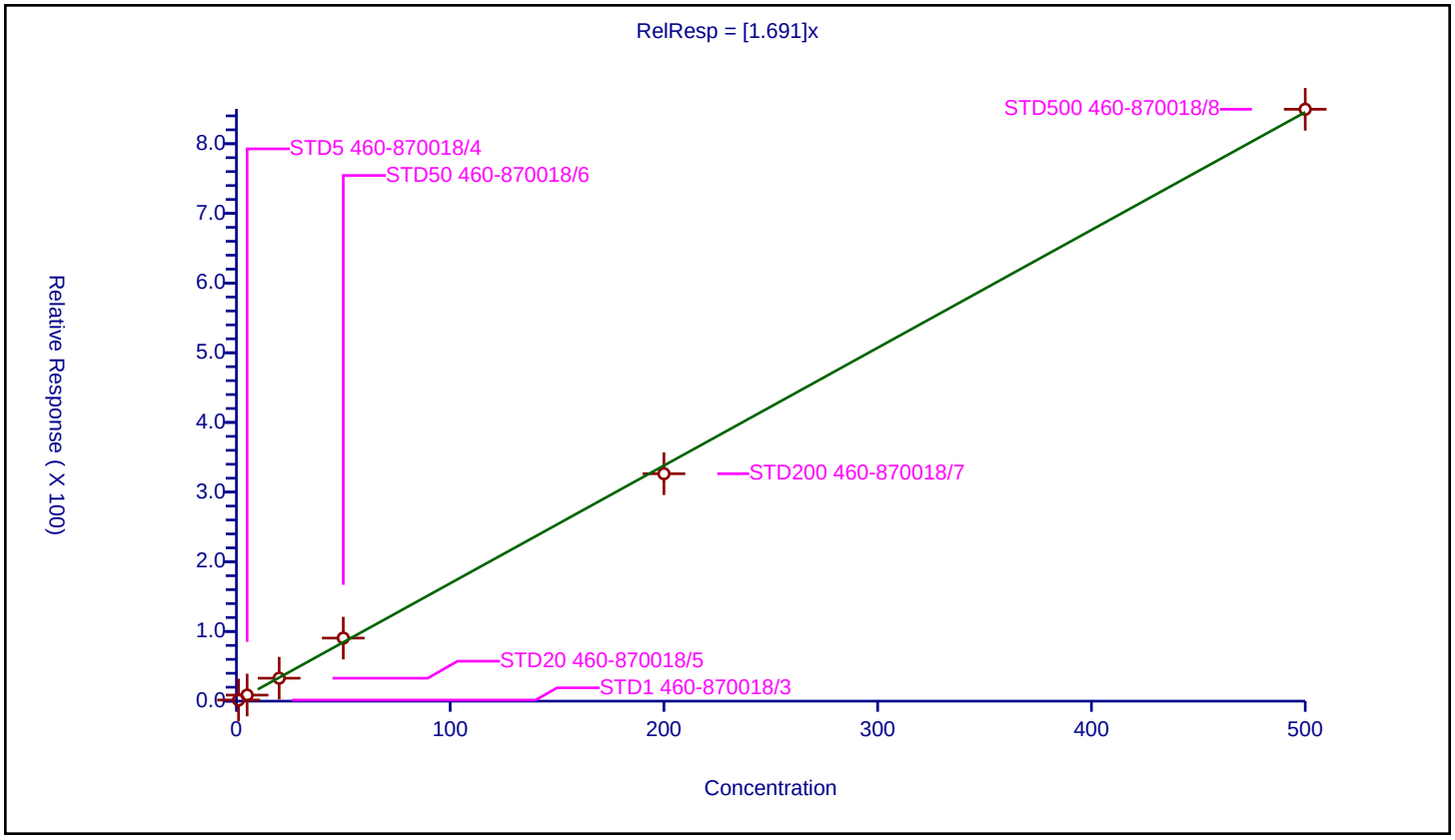
Curve Coefficients

Intercept:	0
Slope:	1.691

Error Coefficients

Standard Error:	2890000
Relative Standard Error:	4.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.613528	50.0	224663.0	1.613528	Y
2	STD5 460-870018/4	5.0	8.709117	50.0	230385.0	1.741823	Y
3	STD20 460-870018/5	20.0	32.939848	50.0	239060.0	1.646992	Y
4	STD50 460-870018/6	50.0	90.504396	50.0	254423.0	1.810088	Y
5	STD200 460-870018/7	200.0	326.384715	50.0	289482.0	1.631924	Y
6	STD500 460-870018/8	500.0	849.438291	50.0	362287.0	1.698877	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

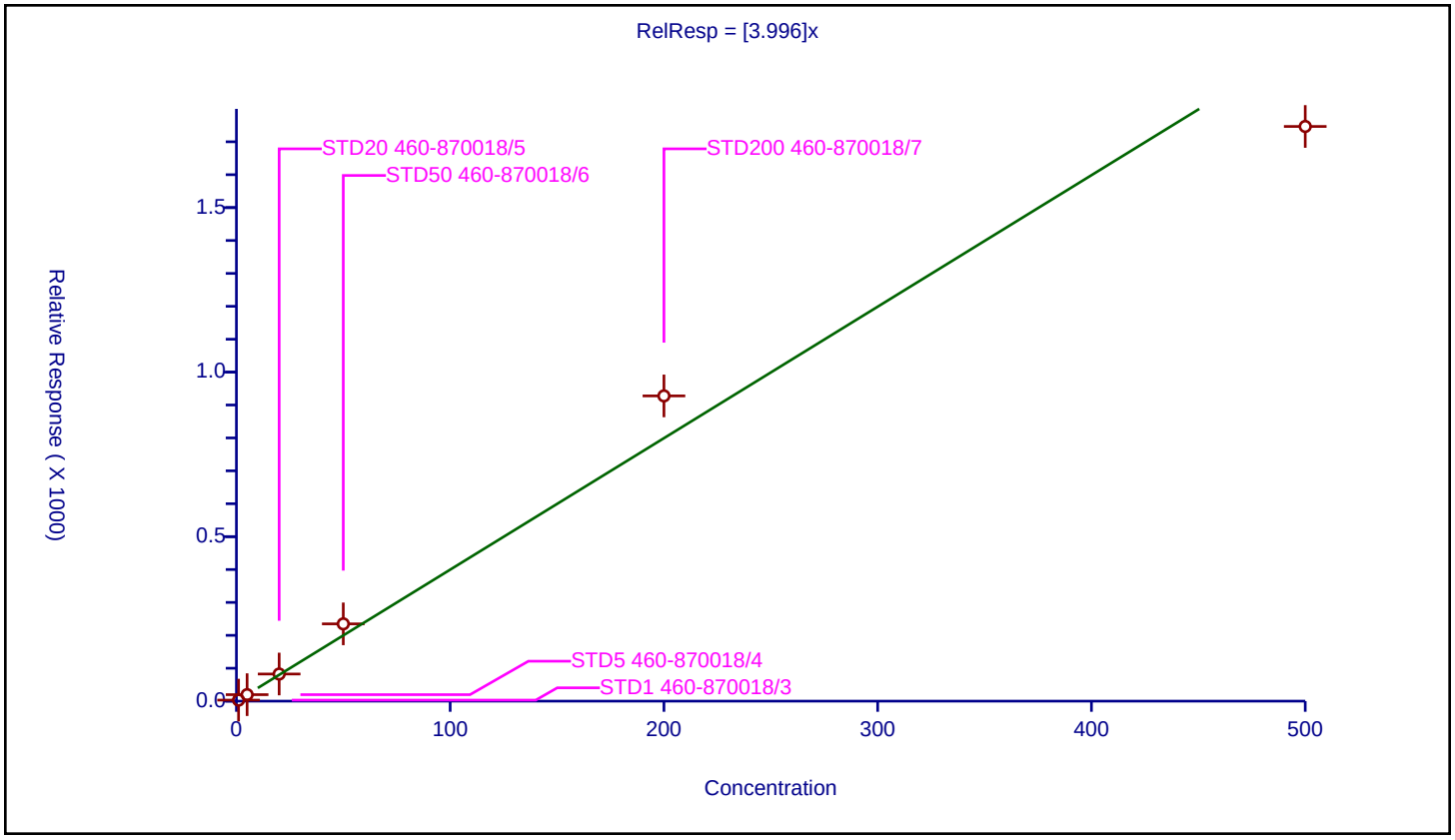
Curve Coefficients

Intercept:	0
Slope:	3.996

Error Coefficients

Standard Error:	6170000
Relative Standard Error:	15.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	3.078611	50.0	224663.0	3.078611	Y
2	STD5 460-870018/4	5.0	19.740434	50.0	230385.0	3.948087	Y
3	STD20 460-870018/5	20.0	82.430352	50.0	239060.0	4.121518	Y
4	STD50 460-870018/6	50.0	234.843155	50.0	254423.0	4.696863	Y
5	STD200 460-870018/7	200.0	927.695677	50.0	289482.0	4.638478	Y
6	STD500 460-870018/8	500.0	1746.575781	50.0	362287.0	3.493152	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

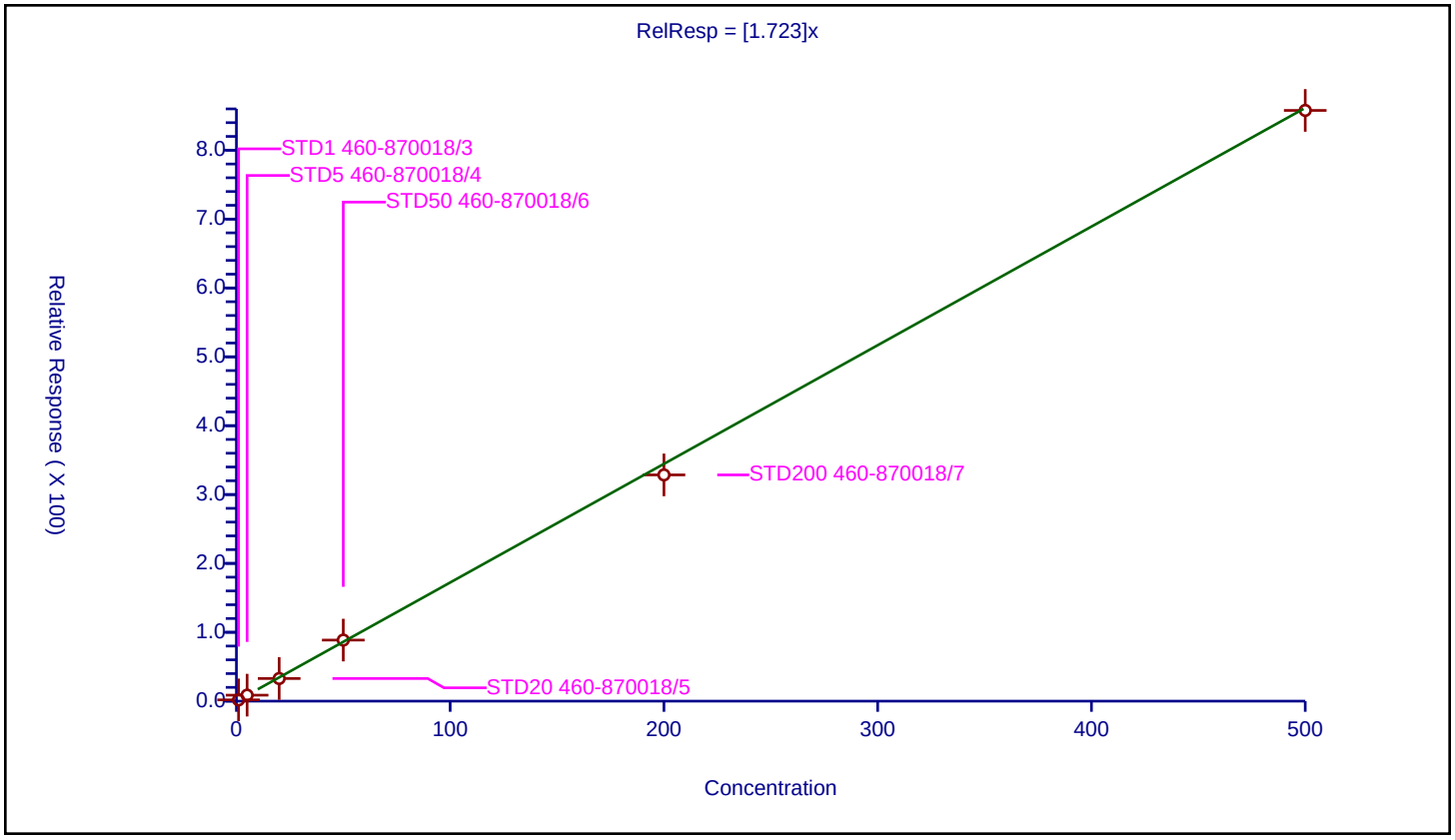
Curve Coefficients

Intercept:	0
Slope:	1.723

Error Coefficients

Standard Error:	2910000
Relative Standard Error:	4.1
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.822285	50.0	224663.0	1.822285	Y
2	STD5 460-870018/4	5.0	8.697615	50.0	230385.0	1.739523	Y
3	STD20 460-870018/5	20.0	32.861625	50.0	239060.0	1.643081	Y
4	STD50 460-870018/6	50.0	88.666905	50.0	254423.0	1.773338	Y
5	STD200 460-870018/7	200.0	328.538044	50.0	289482.0	1.64269	Y
6	STD500 460-870018/8	500.0	857.75918	50.0	362287.0	1.715518	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

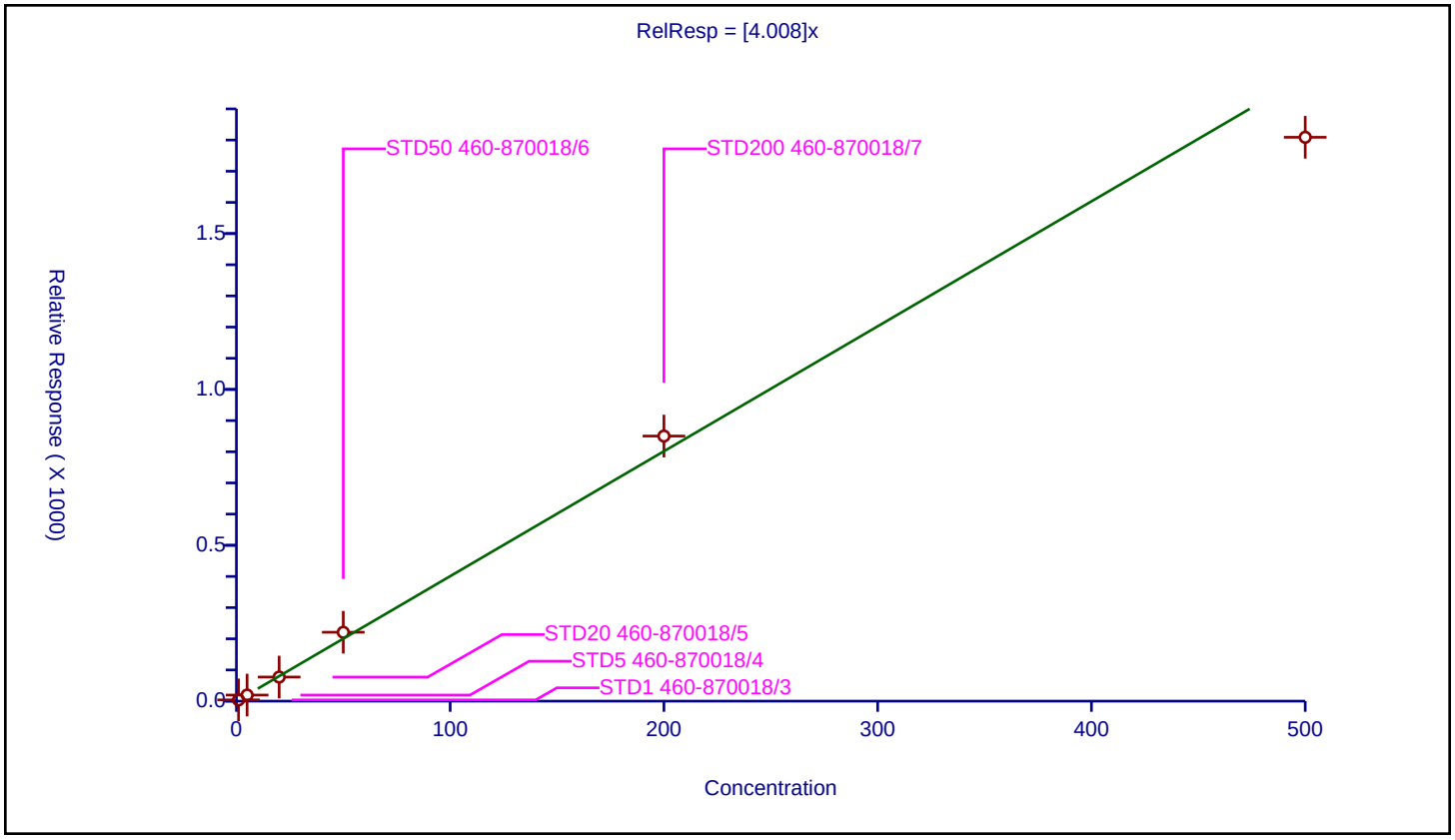
Curve Coefficients

Intercept:	0
Slope:	4.008

Error Coefficients

Standard Error:	6280000
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	STD1 460-870018/3	1.0	3.999546	50.0	224663.0	3.999546	Y
2	STD5 460-870018/4	5.0	19.498665	50.0	230385.0	3.899733	Y
3	STD20 460-870018/5	20.0	77.245043	50.0	239060.0	3.862252	Y
4	STD50 460-870018/6	50.0	220.960762	50.0	254423.0	4.419215	Y
5	STD200 460-870018/7	200.0	850.355463	50.0	289482.0	4.251777	Y
6	STD500 460-870018/8	500.0	1808.890051	50.0	362287.0	3.61778	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

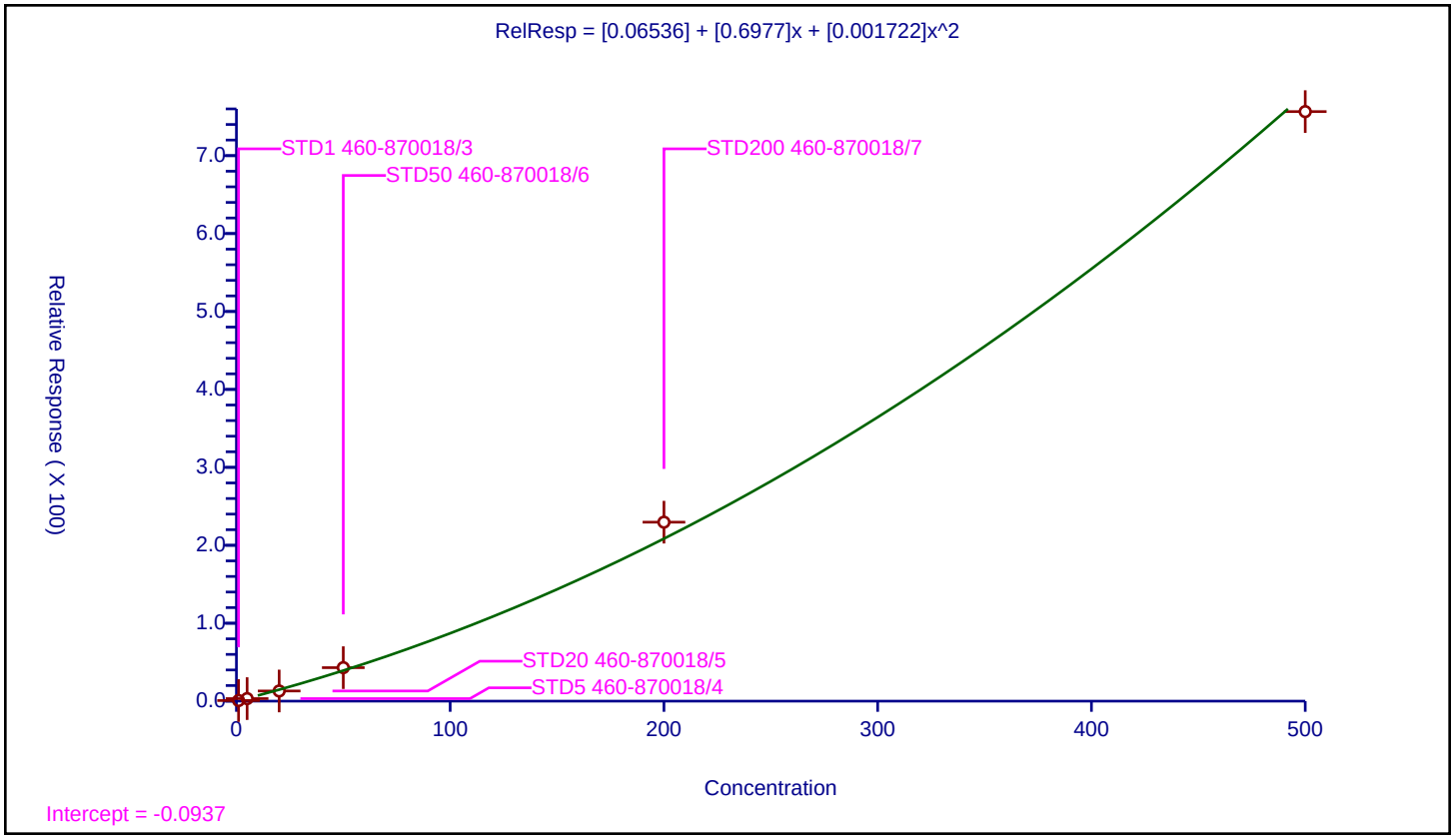
Curve Coefficients

Intercept:	0.06536
Slope:	0.6977
Second Order:	0.001722

Error Coefficients

Standard Error:	3260000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.78028	50.0	224663.0	0.78028	Y
2	STD5 460-870018/4	5.0	3.267791	50.0	230385.0	0.653558	Y
3	STD20 460-870018/5	20.0	13.027273	50.0	239060.0	0.651364	Y
4	STD50 460-870018/6	50.0	42.978033	50.0	254423.0	0.859561	Y
5	STD200 460-870018/7	200.0	229.674211	50.0	289482.0	1.148371	Y
6	STD500 460-870018/8	500.0	756.509204	50.0	362287.0	1.513018	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

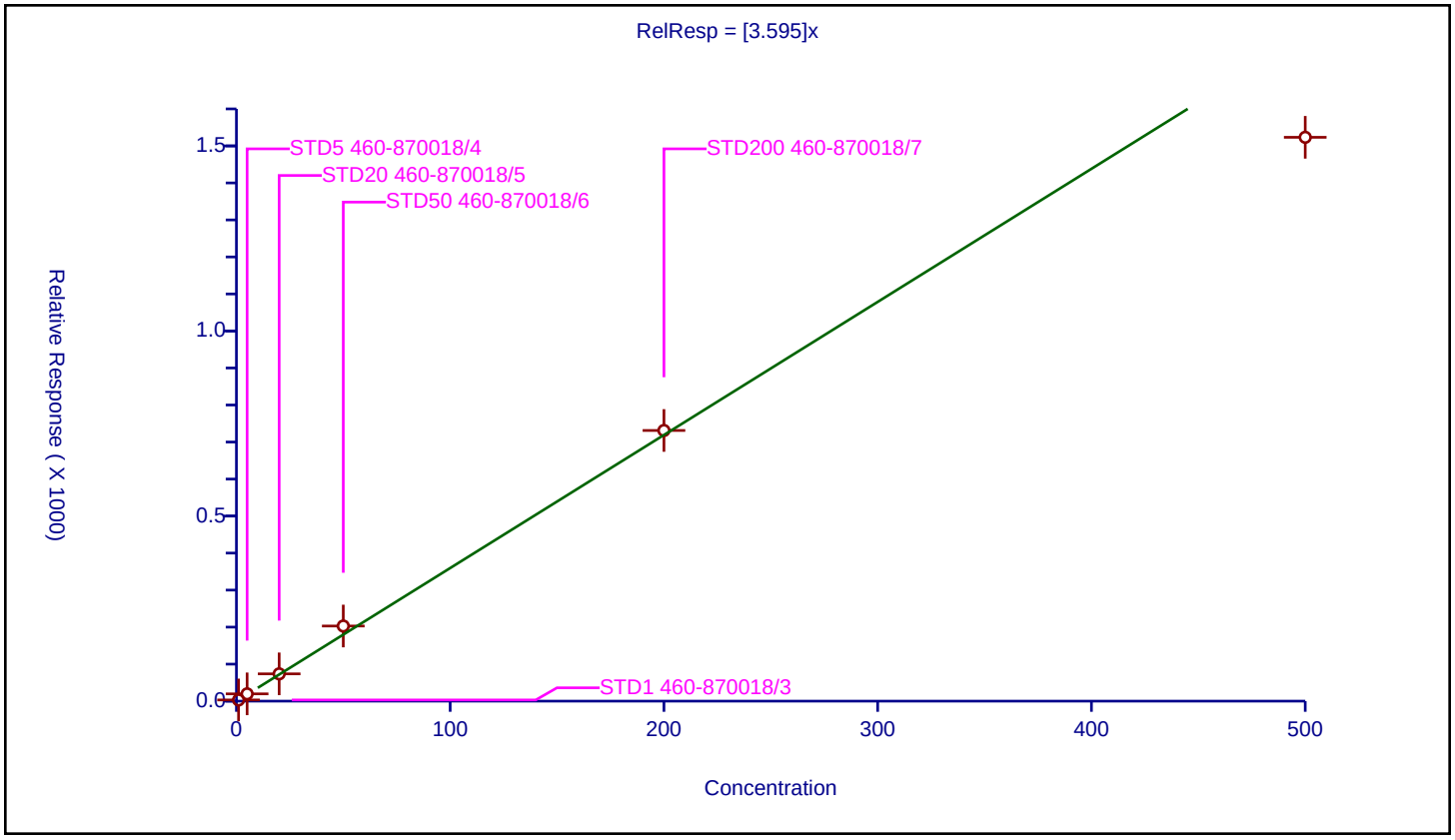
Curve Coefficients

Intercept:	0
Slope:	3.595

Error Coefficients

Standard Error:	5310000
Relative Standard Error:	11.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	3.183435	50.0	224663.0	3.183435	Y
2	STD5 460-870018/4	5.0	19.703757	50.0	230385.0	3.940751	Y
3	STD20 460-870018/5	20.0	73.718104	50.0	239060.0	3.685905	Y
4	STD50 460-870018/6	50.0	202.953546	50.0	254423.0	4.059071	Y
5	STD200 460-870018/7	200.0	731.196586	50.0	289482.0	3.655983	Y
6	STD500 460-870018/8	500.0	1523.245659	50.0	362287.0	3.046491	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

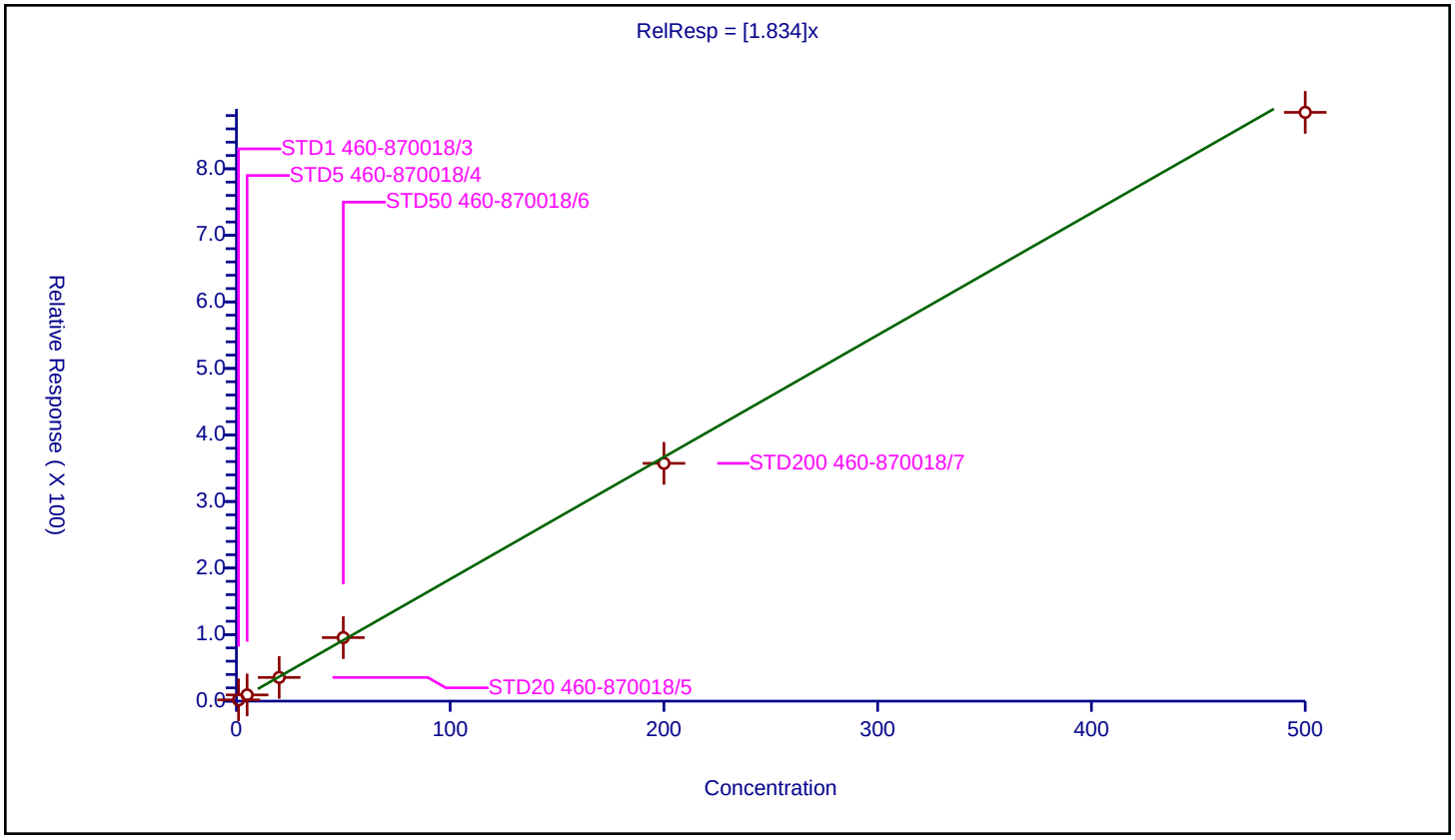
Curve Coefficients

Intercept:	0
Slope:	1.834

Error Coefficients

Standard Error:	3020000
Relative Standard Error:	3.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.888829	50.0	224663.0	1.888829	Y
2	STD5 460-870018/4	5.0	9.339584	50.0	230385.0	1.867917	Y
3	STD20 460-870018/5	20.0	35.587091	50.0	239060.0	1.779355	Y
4	STD50 460-870018/6	50.0	95.483506	50.0	254423.0	1.90967	Y
5	STD200 460-870018/7	200.0	357.366088	50.0	289482.0	1.78683	Y
6	STD500 460-870018/8	500.0	884.791892	50.0	362287.0	1.769584	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

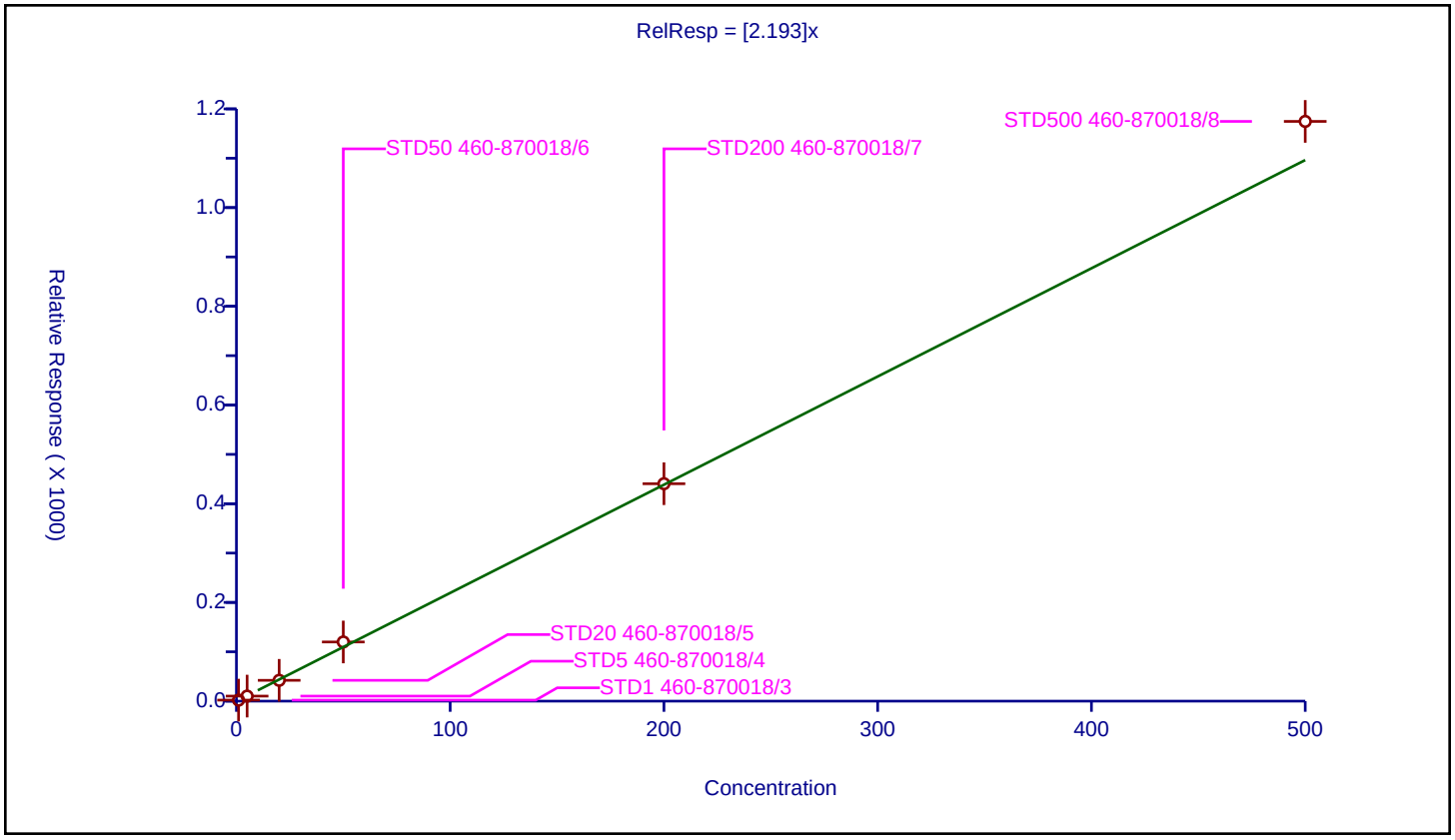
Curve Coefficients

Intercept:	0
Slope:	2.193

Error Coefficients

Standard Error:	3980000
Relative Standard Error:	6.9
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	2.055968	50.0	224663.0	2.055968	Y
2	STD5 460-870018/4	5.0	10.204874	50.0	230385.0	2.040975	Y
3	STD20 460-870018/5	20.0	42.162637	50.0	239060.0	2.108132	Y
4	STD50 460-870018/6	50.0	119.909953	50.0	254423.0	2.398199	Y
5	STD200 460-870018/7	200.0	440.535336	50.0	289482.0	2.202677	Y
6	STD500 460-870018/8	500.0	1174.624538	50.0	362287.0	2.349249	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

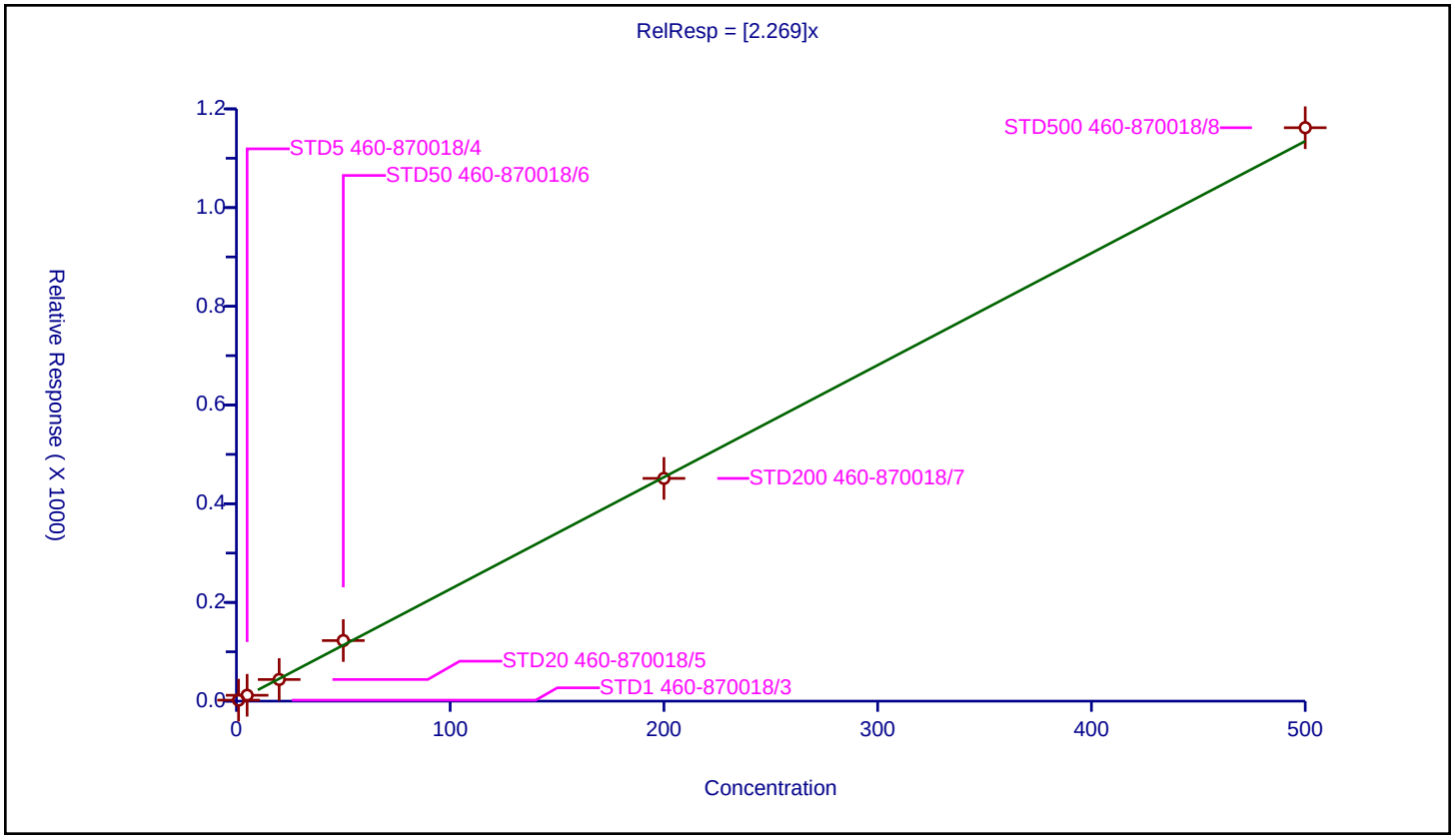
Curve Coefficients

Intercept:	0
Slope:	2.269

Error Coefficients

Standard Error:	3950000
Relative Standard Error:	7.1
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	2.001442	50.0	224663.0	2.001442	Y
2	STD5 460-870018/4	5.0	11.923302	50.0	230385.0	2.38466	Y
3	STD20 460-870018/5	20.0	43.867439	50.0	239060.0	2.193372	Y
4	STD50 460-870018/6	50.0	122.754822	50.0	254423.0	2.455096	Y
5	STD200 460-870018/7	200.0	451.364161	50.0	289482.0	2.256821	Y
6	STD500 460-870018/8	500.0	1161.86159	50.0	362287.0	2.323723	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

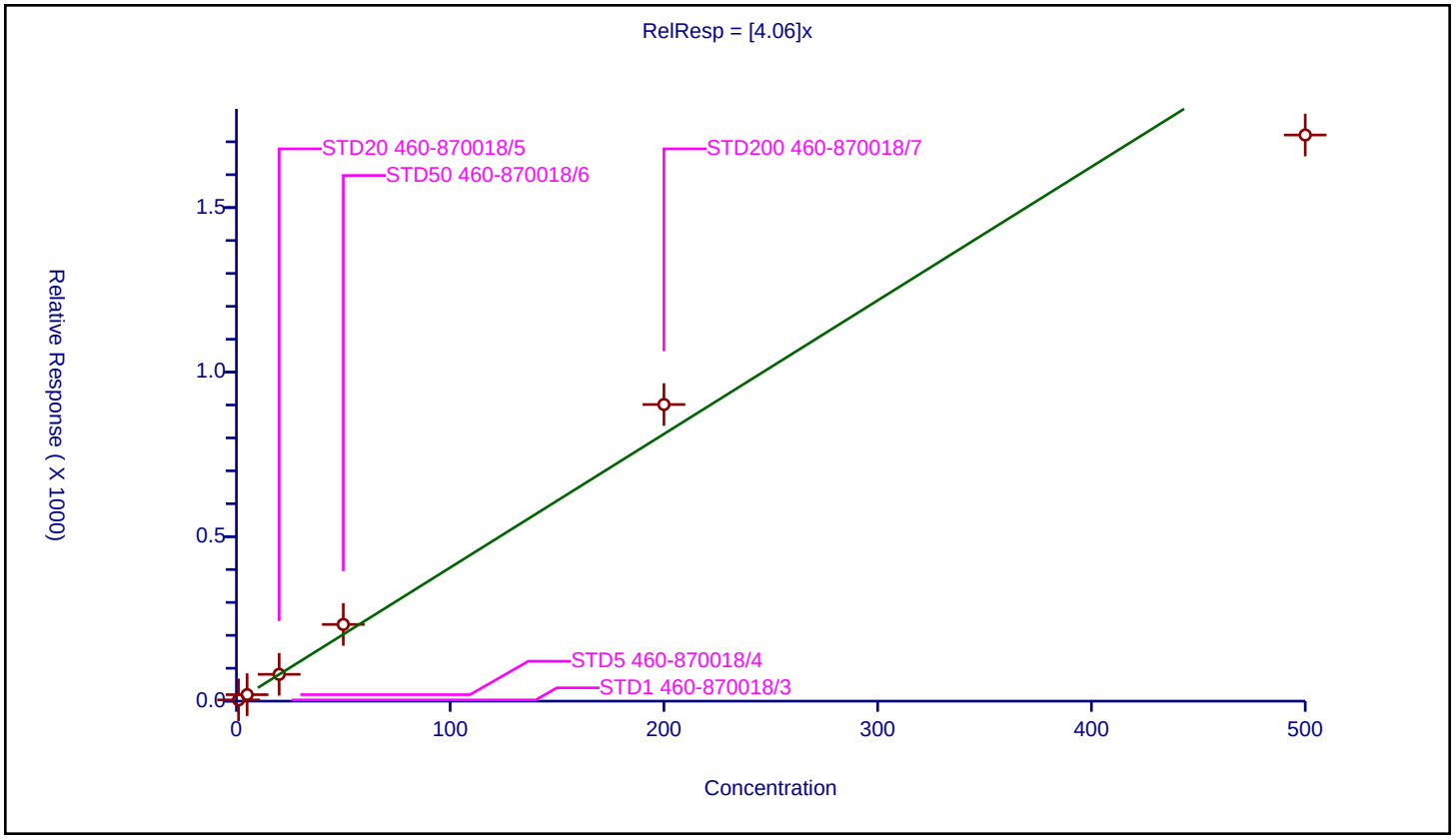
Curve Coefficients

Intercept:	0
Slope:	4.06

Error Coefficients

Standard Error:	6070000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	3.72558	50.0	224663.0	3.72558	Y
2	STD5 460-870018/4	5.0	19.733707	50.0	230385.0	3.946741	Y
3	STD20 460-870018/5	20.0	81.506944	50.0	239060.0	4.075347	Y
4	STD50 460-870018/6	50.0	233.133993	50.0	254423.0	4.66268	Y
5	STD200 460-870018/7	200.0	901.567628	50.0	289482.0	4.507838	Y
6	STD500 460-870018/8	500.0	1720.670767	50.0	362287.0	3.441342	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

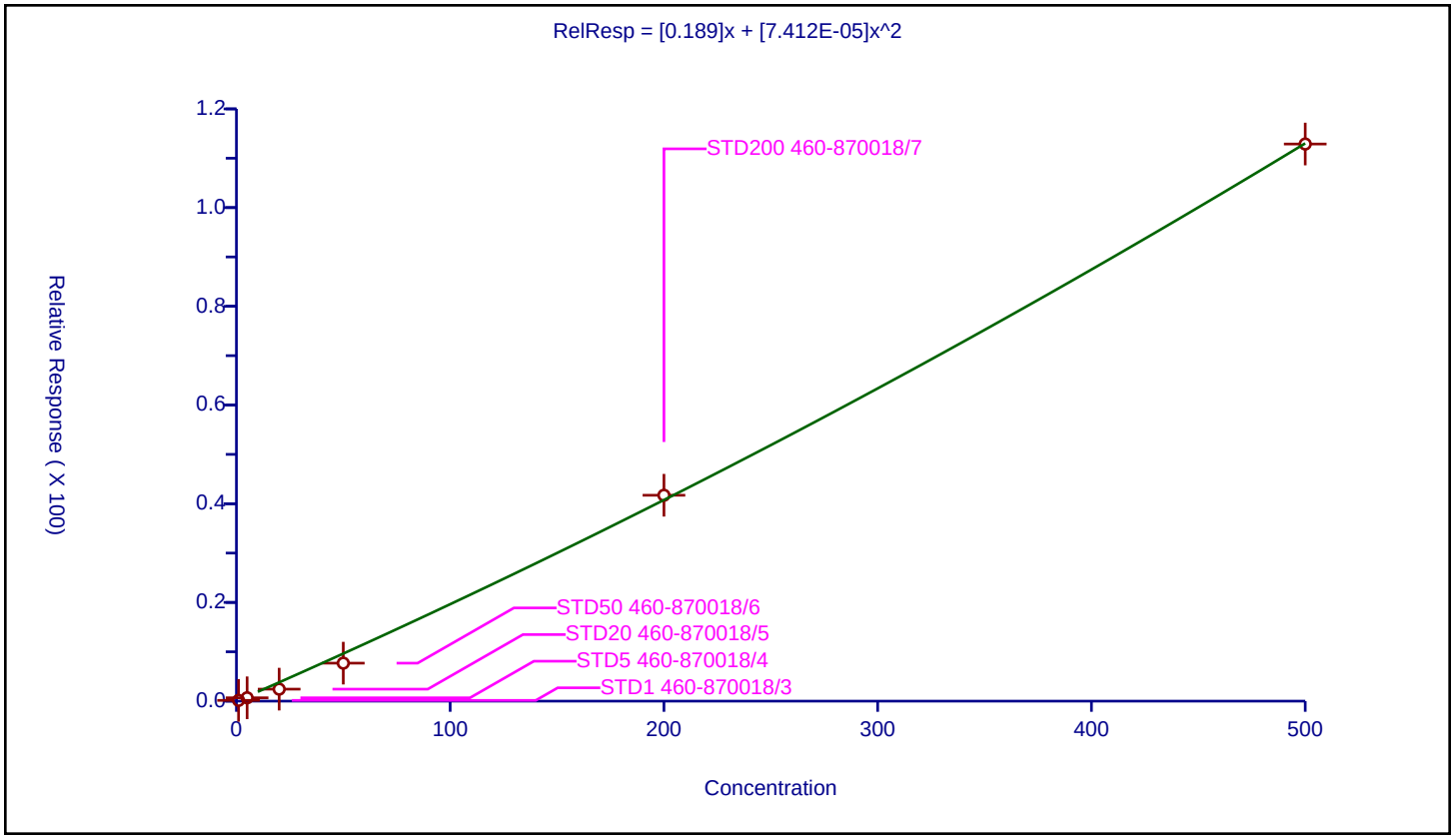
Curve Coefficients

Intercept:	0
Slope:	0.189
Second Order:	7.412E-05

Error Coefficients

Standard Error:	427000
Relative Standard Error:	26.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.154676	50.0	224663.0	0.154676	Y
2	STD5 460-870018/4	5.0	0.678647	50.0	230385.0	0.135729	Y
3	STD20 460-870018/5	20.0	2.431816	50.0	239060.0	0.121591	Y
4	STD50 460-870018/6	50.0	7.699776	50.0	254423.0	0.153996	Y
5	STD200 460-870018/7	200.0	41.715893	50.0	289482.0	0.208579	Y
6	STD500 460-870018/8	500.0	112.88426	50.0	362287.0	0.225769	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

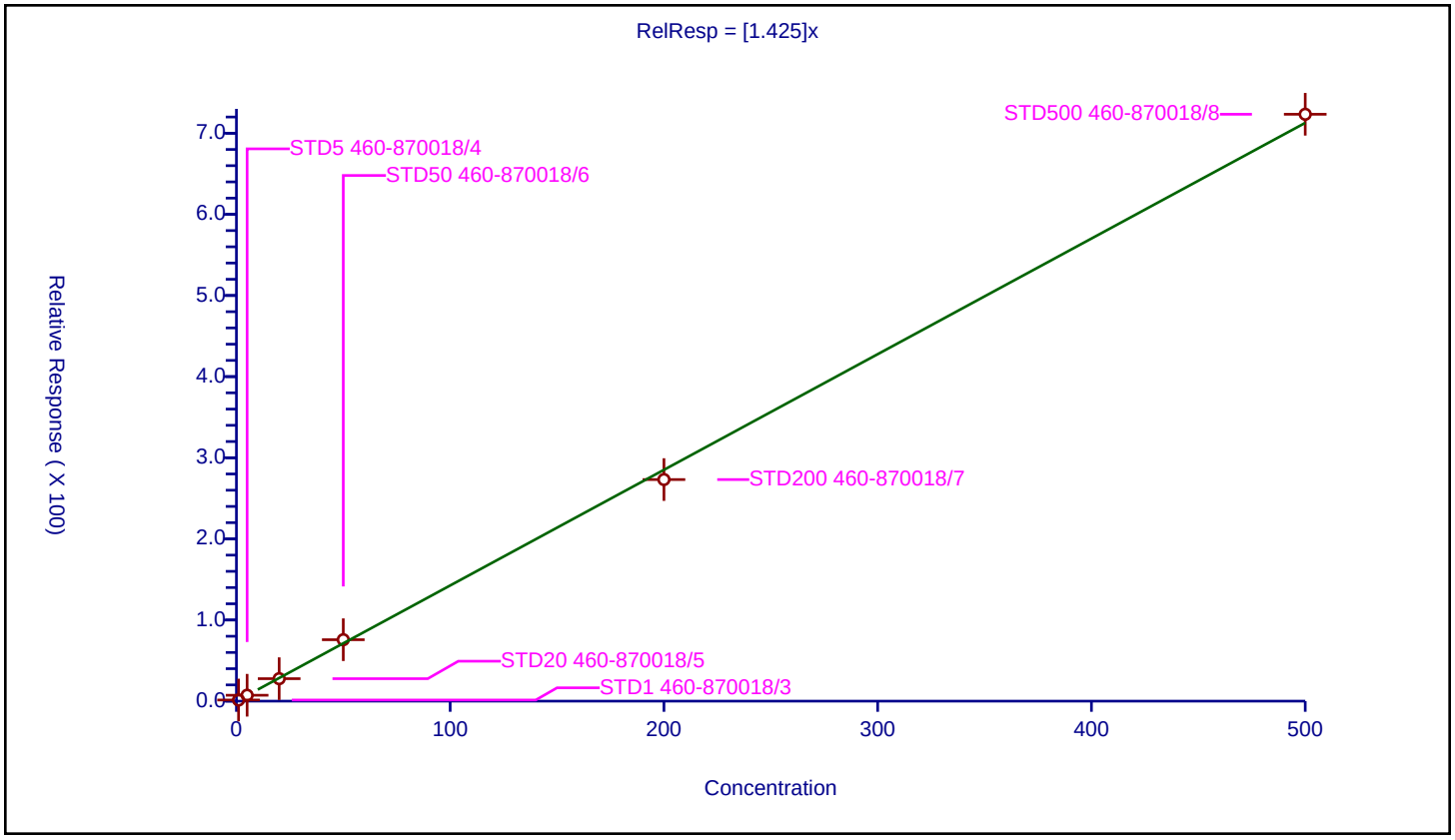
Curve Coefficients

Intercept:	0
Slope:	1.425

Error Coefficients

Standard Error:	2450000
Relative Standard Error:	3.9
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.388079	50.0	224663.0	1.388079	Y
2	STD5 460-870018/4	5.0	7.269571	50.0	230385.0	1.453914	Y
3	STD20 460-870018/5	20.0	27.683427	50.0	239060.0	1.384171	Y
4	STD50 460-870018/6	50.0	75.710922	50.0	254423.0	1.514218	Y
5	STD200 460-870018/7	200.0	273.134081	50.0	289482.0	1.36567	Y
6	STD500 460-870018/8	500.0	723.365453	50.0	362287.0	1.446731	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

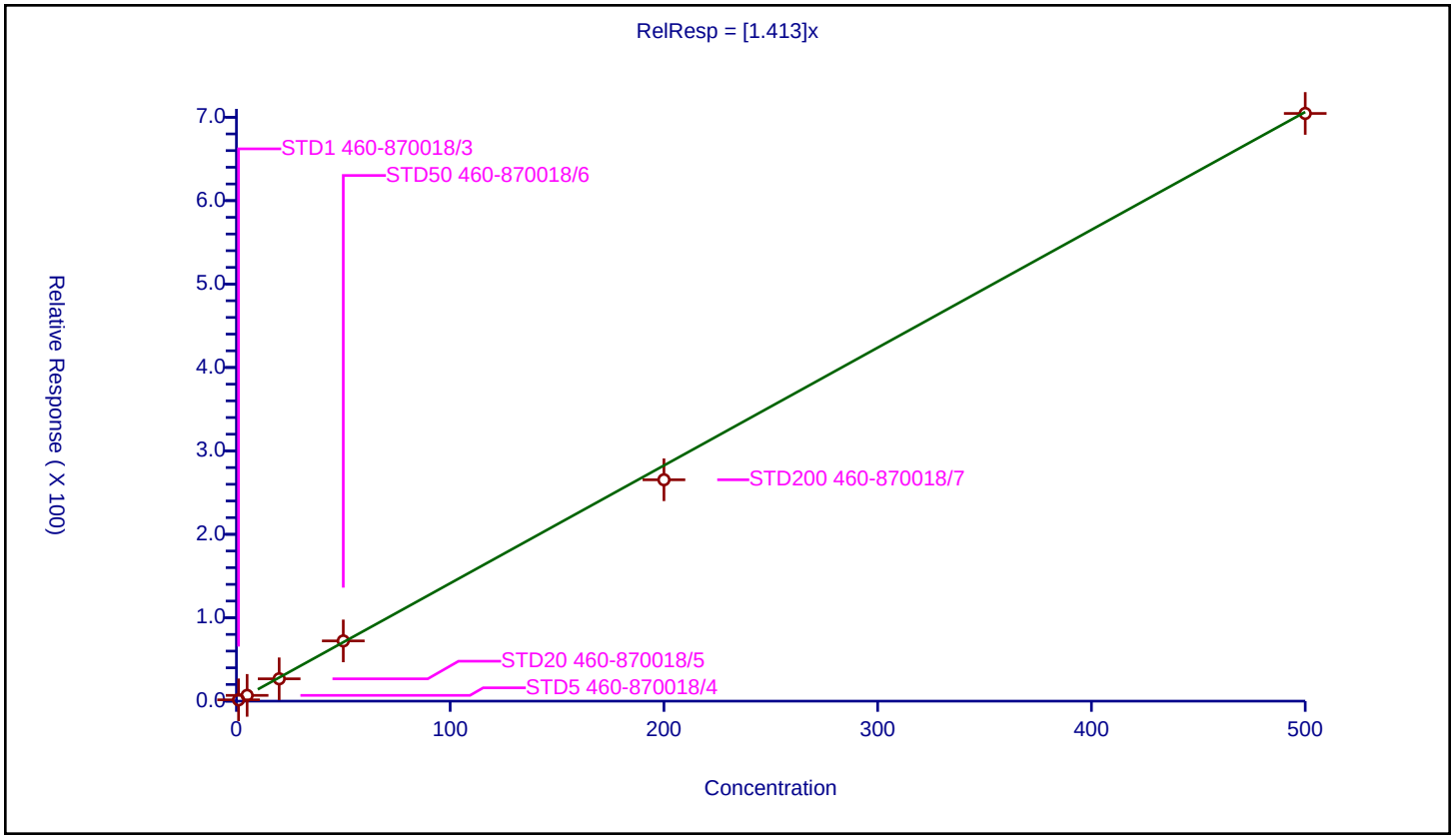
Curve Coefficients

Intercept:	0
Slope:	1.413

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	6.4
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.574135	50.0	224663.0	1.574135	Y
2	STD5 460-870018/4	5.0	6.912125	50.0	230385.0	1.382425	Y
3	STD20 460-870018/5	20.0	26.774032	50.0	239060.0	1.338702	Y
4	STD50 460-870018/6	50.0	72.206522	50.0	254423.0	1.44413	Y
5	STD200 460-870018/7	200.0	265.39733	50.0	289482.0	1.326987	Y
6	STD500 460-870018/8	500.0	704.53218	50.0	362287.0	1.409064	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

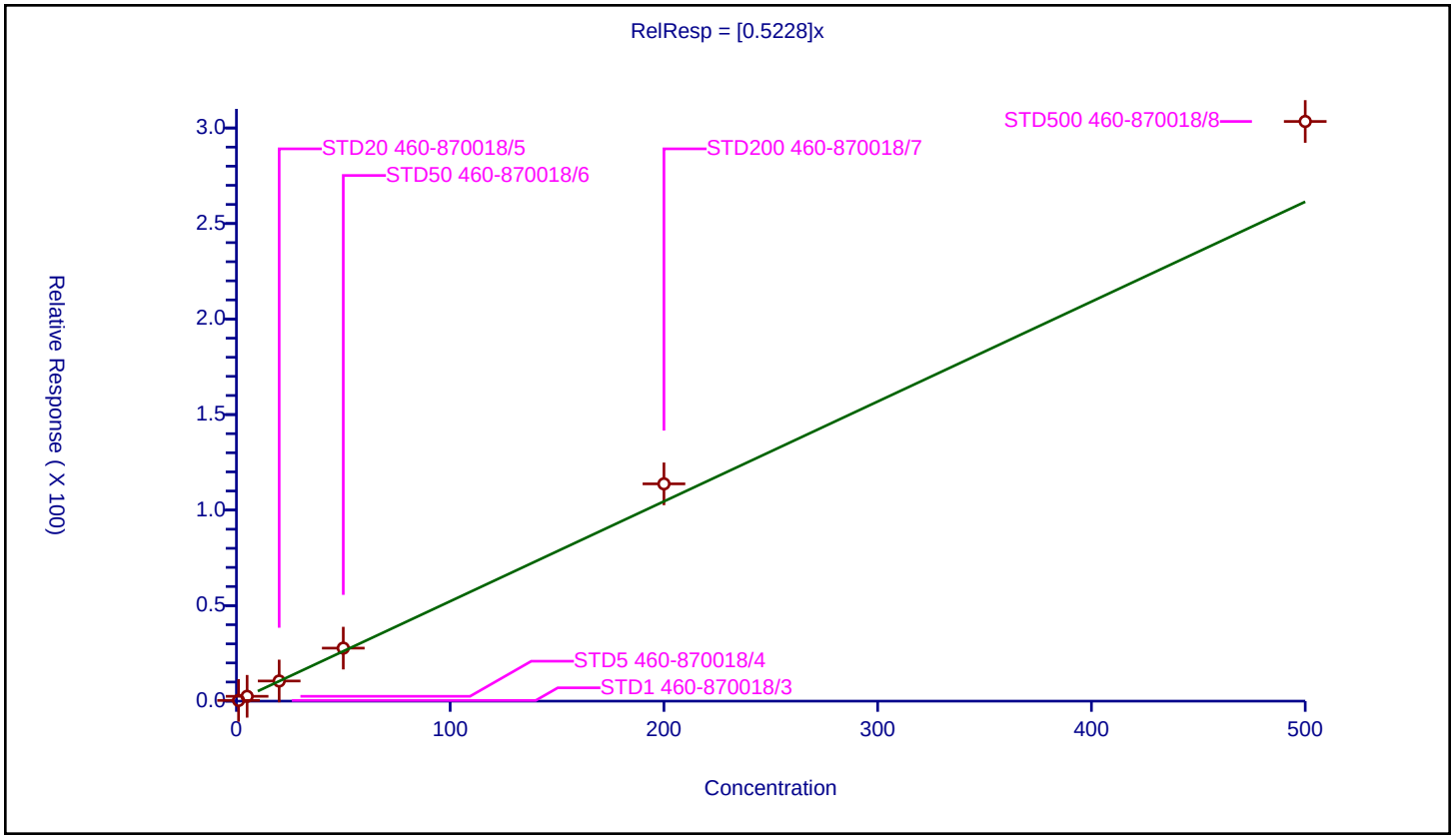
Curve Coefficients

Intercept:	0
Slope:	0.5228

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	15.5
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	0.372781	50.0	224663.0	0.372781	Y
2	STD5 460-870018/4	5.0	2.52881	50.0	230385.0	0.505762	Y
3	STD20 460-870018/5	20.0	10.552581	50.0	239060.0	0.527629	Y
4	STD50 460-870018/6	50.0	27.752798	50.0	254423.0	0.555056	Y
5	STD200 460-870018/7	200.0	113.732805	50.0	289482.0	0.568664	Y
6	STD500 460-870018/8	500.0	303.415938	50.0	362287.0	0.606832	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

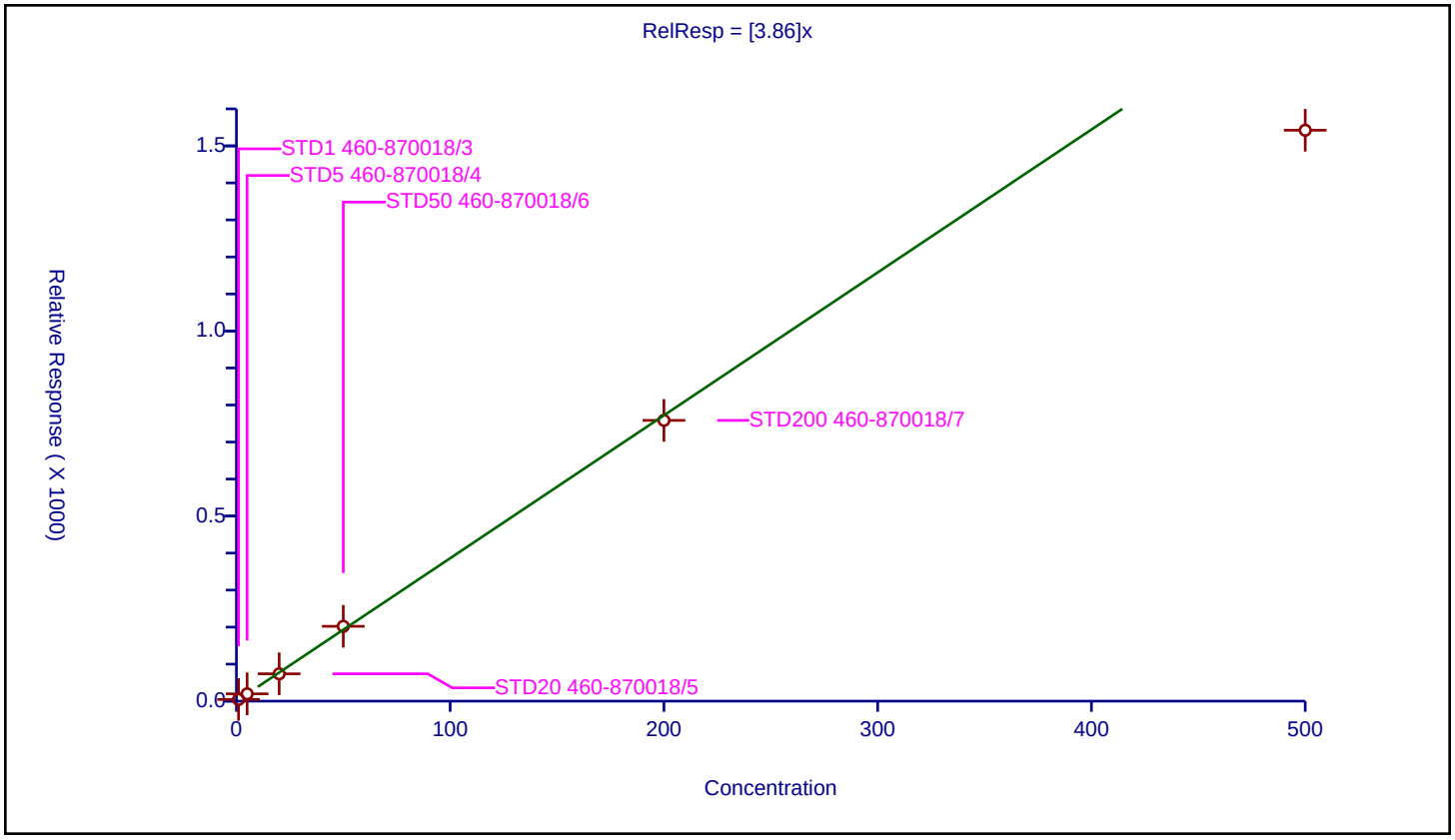
Curve Coefficients

Intercept:	0
Slope:	3.86

Error Coefficients

Standard Error:	5390000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	4.601114	50.0	224663.0	4.601114	Y
2	STD5 460-870018/4	5.0	19.74369	50.0	230385.0	3.948738	Y
3	STD20 460-870018/5	20.0	73.864929	50.0	239060.0	3.693246	Y
4	STD50 460-870018/6	50.0	202.140333	50.0	254423.0	4.042807	Y
5	STD200 460-870018/7	200.0	758.493447	50.0	289482.0	3.792467	Y
6	STD500 460-870018/8	500.0	1542.303064	50.0	362287.0	3.084606	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

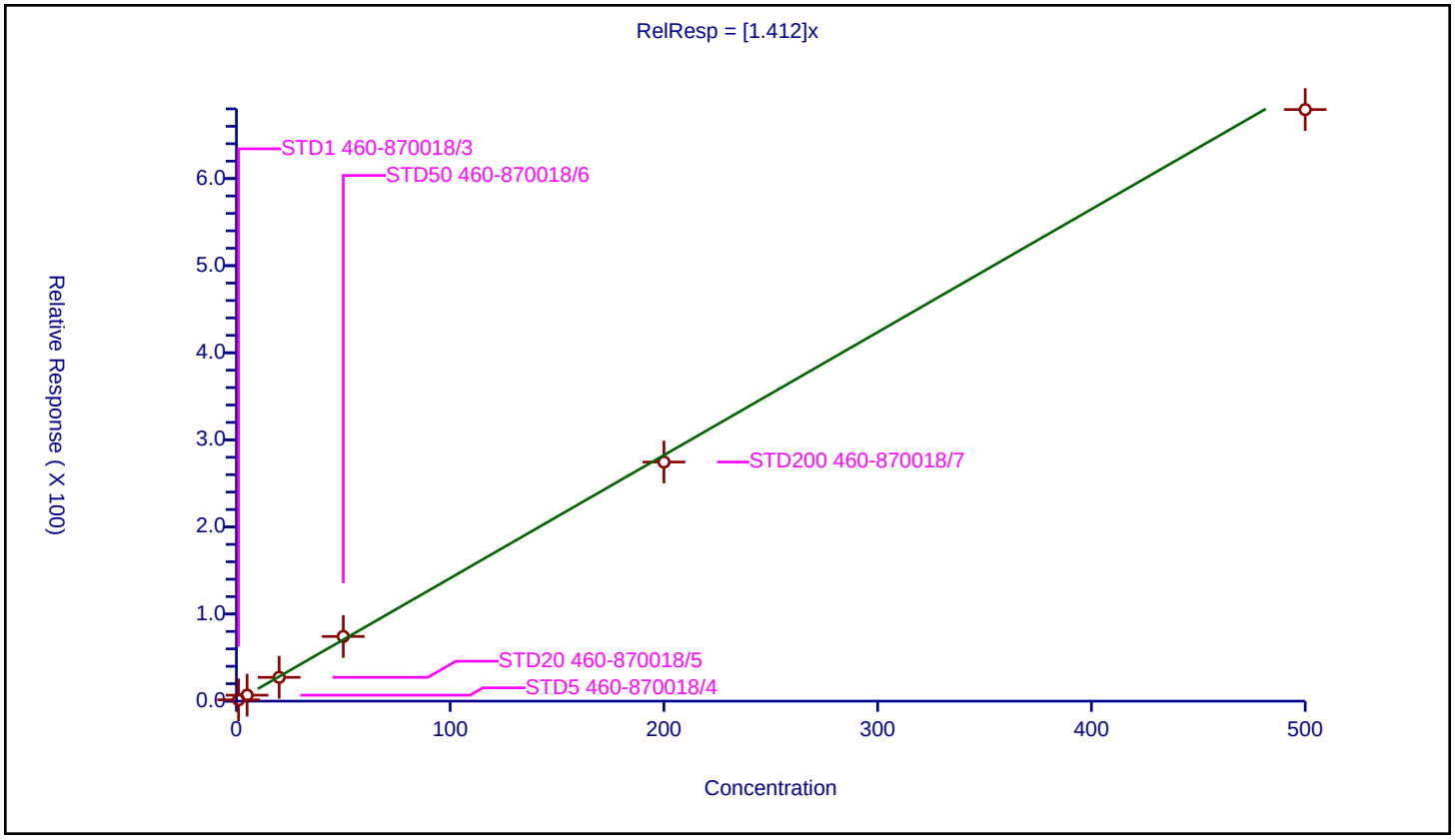
Curve Coefficients

Intercept:	0
Slope:	1.412

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	5.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-870018/3	1.0	1.525173	50.0	224663.0	1.525173	Y
2	STD5 460-870018/4	5.0	6.826616	50.0	230385.0	1.365323	Y
3	STD20 460-870018/5	20.0	27.312599	50.0	239060.0	1.36563	Y
4	STD50 460-870018/6	50.0	74.261957	50.0	254423.0	1.485239	Y
5	STD200 460-870018/7	200.0	274.52415	50.0	289482.0	1.372621	Y
6	STD500 460-870018/8	500.0	679.219928	50.0	362287.0	1.35844	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869787/17 Calibration Date: 10/04/2022 03:05

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82155.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	1.964	1.267		12.9	20.0	-35.5*	30.0
Dichlorodifluoromethane	Lin2		0.3444	0.1000	21.5	20.0	7.7	30.0
Chlorodifluoromethane	Ave	0.0589	0.0538		18.3	20.0	-8.7	30.0
Chloromethane	Lin2		0.2664	0.1000	19.8	20.0	-1.2	30.0
Vinyl chloride	Ave	0.2838	0.2895	0.1000	20.4	20.0	2.0	30.0
Butadiene	Ave	0.2488	0.2109		17.0	20.0	-15.2	30.0
Bromomethane	Ave	0.2052	0.2505	0.1000	24.4	20.0	22.1	30.0
Chloroethane	Ave	0.1852	0.1707	0.1000	18.4	20.0	-7.9	30.0
Dichlorofluoromethane	Ave	0.4936	0.4502		18.2	20.0	-8.8	30.0
Trichlorofluoromethane	Ave	0.4444	0.4360	0.1000	19.6	20.0	-1.9	30.0
Pentane	Ave	0.0462	0.0489		42.4	40.0	5.9	30.0
Ethanol	Ave	0.0889	0.0880		791	800	-1.1	30.0
Ethyl ether	Ave	0.1677	0.1475		17.6	20.0	-12.1	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2528	0.2405		19.0	20.0	-4.9	30.0
2-Methyl-1,3-butadiene	Ave	0.2028	0.2024		20.0	20.0	-0.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3436	0.3091		18.0	20.0	-10.0	30.0
Acrolein	Ave	1.393	1.045		30.1	40.1	-24.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2320	0.2132	0.1000	18.4	20.0	-8.1	30.0
1,1-Dichloroethene	Ave	0.2355	0.2234	0.1000	19.0	20.0	-5.1	30.0
Acetone	Ave	0.2509	0.2003	0.0500	79.8	100	-20.2	30.0
Iodomethane	Ave	0.4088	0.3310		16.2	20.0	-19.0	30.0
Carbon disulfide	Ave	0.7805	0.7428	0.1000	19.0	20.0	-4.8	30.0
Isopropyl alcohol	Ave	0.6084	0.4852		159	200	-20.3	30.0
3-Chloro-1-propene	Ave	0.1631	0.1561		19.1	20.0	-4.3	30.0
Acetonitrile	QuaF		0.6609		209	200	4.6	30.0
Methyl acetate	Ave	5.988	4.881	0.1000	32.6	40.0	-18.5	30.0
Cyclopentene	Ave	0.5469	0.4970		18.2	20.0	-9.1	30.0
Methylene Chloride	Ave	0.2924	0.2761	0.1000	18.9	20.0	-5.6	30.0
2-Methyl-2-propanol	Ave	1.196	1.056		177	200	-11.7	30.0
Acrylonitrile	Ave	0.0577	0.0469		163	200	-18.6	30.0
trans-1,2-Dichloroethene	Ave	0.2656	0.2377	0.1000	17.9	20.0	-10.5	30.0
Methyl tert-butyl ether	Ave	0.6405	0.5817	0.1000	18.2	20.0	-9.2	30.0
Hexane	Ave	0.1749	0.1812		20.7	20.0	3.6	30.0
1,1-Dichloroethane	Ave	0.4440	0.3944	0.2000	17.8	20.0	-11.2	30.0
Vinyl acetate	Ave	0.2796	0.8088		116	40.0	189.3*	30.0
2-Chloro-1,3-butadiene	Ave	0.2484	0.2416		19.5	20.0	-2.7	30.0
Isopropyl ether	Ave	0.6739	0.6385		18.9	20.0	-5.3	30.0
Tert-butyl ethyl ether	Ave	0.7262	0.6793		18.7	20.0	-6.5	30.0
2,2-Dichloropropane	Ave	0.0737	0.0919		24.9	20.0	24.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869787/17 Calibration Date: 10/04/2022 03:05

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82155.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
cis-1,2-Dichloroethene	Ave	0.2945	0.2591	0.1000	17.6	20.0	-12.0	30.0
2-Butanone (MEK)	Ave	0.3604	0.3368	0.0500	93.5	100	-6.5	30.0
Propionitrile	Ave	1.606	1.620		202	200	0.9	30.0
Ethyl acetate	Ave	0.3475	0.3660		42.1	40.0	5.3	30.0
Methyl acrylate	Ave	0.1610	0.1333		16.6	20.0	-17.2	30.0
Methacrylonitrile	Ave	0.0695	0.0593		171	200	-14.7	30.0
Chlorobromomethane	Ave	0.1557	0.1409		18.1	20.0	-9.5	30.0
Tetrahydrofuran	Ave	0.7298	0.6671		36.6	40.0	-8.6	30.0
Chloroform	Ave	0.4541	0.4052	0.2000	17.8	20.0	-10.8	30.0
1,1,1-Trichloroethane	Ave	0.4251	0.3916	0.1000	18.4	20.0	-7.9	30.0
Cyclohexane	Ave	0.3137	0.2946	0.1000	18.8	20.0	-6.1	30.0
1,1-Dichloropropene	Ave	0.3427	0.3218		18.8	20.0	-6.1	30.0
Carbon tetrachloride	Ave	0.3528	0.3166	0.1000	17.9	20.0	-10.3	30.0
Isobutyl alcohol	Ave	0.4079	0.3496		429	500	-14.3	30.0
Benzene	Ave	1.266	1.217	0.5000	19.2	20.0	-3.9	30.0
1,2-Dichloroethane	Ave	0.3345	0.2951	0.1000	17.6	20.0	-11.8	30.0
Isooctane	Ave	0.3706	0.3713		20.0	20.0	0.2	30.0
Isopropyl acetate	Ave	0.0719	0.0682		19.0	20.0	-5.1	30.0
Tert-amyl methyl ether	Ave	0.7326	0.6782		18.5	20.0	-7.4	30.0
n-Heptane	Ave	0.1199	0.1304		21.8	20.0	8.8	30.0
Trichloroethene	Ave	0.3060	0.2643	0.2000	17.3	20.0	-13.6	30.0
n-Butanol	Ave	0.3044	0.2053		337	500	-32.5*	30.0
Ethyl acrylate	Lin2		0.3840		18.7	20.0	-6.5	30.0
Methylcyclohexane	Ave	0.2662	0.2566	0.1000	19.3	20.0	-3.6	30.0
1,2-Dichloropropane	Ave	0.2516	0.2308	0.1000	18.3	20.0	-8.3	30.0
Dibromomethane	Ave	0.1616	0.1424		17.6	20.0	-11.9	30.0
1,4-Dioxane	Ave	1.076	1.038		386	400	-3.5	30.0
Methyl methacrylate	Ave	0.0640	0.0651		40.7	40.0	1.7	30.0
n-Propyl acetate	Ave	0.2232	0.2139		19.2	20.0	-4.2	30.0
Bromodichloromethane	Ave	0.3387	0.2974	0.2000	17.6	20.0	-12.2	30.0
2-Nitropropane	QuaF		0.0391		32.2	40.0	-19.5	30.0
2-Chloroethyl vinyl ether	QuaF		0.1160		14.4	20.0	-27.8	30.0
Epichlorohydrin	QuaF		0.3520		22.8	20.0	13.9	30.0
cis-1,3-Dichloropropene	Ave	0.5064	0.4779	0.2000	18.9	20.0	-5.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.900	3.177	0.0500	110	100	9.5	30.0
Toluene	Ave	1.449	1.357	0.4000	18.7	20.0	-6.4	30.0
trans-1,3-Dichloropropene	Ave	0.4358	0.4440	0.1000	20.4	20.0	1.9	30.0
Ethyl methacrylate	Ave	0.3671	0.3403		18.5	20.0	-7.3	30.0
1,1,2-Trichloroethane	Ave	0.2368	0.2126	0.1000	18.0	20.0	-10.2	30.0
Tetrachloroethene	Ave	0.3354	0.3306	0.2000	19.7	20.0	-1.4	30.0
1,3-Dichloropropane	Ave	0.4838	0.4534		18.7	20.0	-6.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869787/17 Calibration Date: 10/04/2022 03:05

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82155.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-Hexanone	QuaF		2.028	0.0500	98.6	100	-1.4	30.0
Dibromochloromethane	Ave	0.3179	0.3034	0.1000	19.1	20.0	-4.5	30.0
Ethylene Dibromide	Ave	0.3101	0.2946	0.1000	19.0	20.0	-5.0	30.0
n-Butyl acetate	Ave	0.3385	0.3336		19.7	20.0	-1.5	30.0
Chlorobenzene	Ave	1.053	0.9517	0.5000	18.1	20.0	-9.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3338	0.3213		19.3	20.0	-3.7	30.0
Ethylbenzene	Ave	0.4844	0.4813	0.1000	19.9	20.0	-0.6	30.0
m-Xylene & p-Xylene	Ave	0.6059	0.5797	0.1000	19.1	20.0	-4.3	30.0
o-Xylene	Ave	0.6126	0.5630	0.3000	18.4	20.0	-8.1	30.0
Styrene	Ave	1.008	0.9349	0.3000	18.6	20.0	-7.2	30.0
n-Butyl acrylate	Ave	0.2132	0.1960		18.4	20.0	-8.1	30.0
Bromoform	Ave	0.2048	0.1808	0.1000	17.7	20.0	-11.7	30.0
Amyl acetate (mixed isomers)	Ave	0.7230	0.6823		18.9	20.0	-5.6	30.0
Isopropylbenzene	Ave	1.280	1.238	0.1000	19.3	20.0	-3.3	30.0
Bromobenzene	Ave	0.7507	0.7538		20.1	20.0	0.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5928	0.6418	0.3000	21.7	20.0	8.3	30.0
1,2,3-Trichloropropane	Ave	0.5217	0.4604		17.7	20.0	-11.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2181	0.2201		20.2	20.0	0.9	30.0
N-Propylbenzene	Ave	2.234	2.323		20.8	20.0	4.0	30.0
2-Chlorotoluene	Ave	1.899	1.712		18.0	20.0	-9.8	30.0
4-Ethyltoluene	Ave	2.158	2.075		19.2	20.0	-3.9	30.0
4-Chlorotoluene	Ave	1.585	1.517		19.1	20.0	-4.3	30.0
1,3,5-Trimethylbenzene	Ave	1.833	1.797		19.6	20.0	-2.0	30.0
Butyl Methacrylate	Ave	0.6708	0.6800		20.3	20.0	1.4	30.0
tert-Butylbenzene	Ave	1.441	1.359		18.9	20.0	-5.7	30.0
1,2,4-Trimethylbenzene	Ave	1.892	1.845		19.5	20.0	-2.5	30.0
sec-Butylbenzene	Ave	1.837	1.728		18.8	20.0	-5.9	30.0
1,3-Dichlorobenzene	Ave	1.242	1.245	0.6000	20.0	20.0	0.2	30.0
1,4-Dichlorobenzene	Ave	1.338	1.279	0.5000	19.1	20.0	-4.4	30.0
4-Isopropyltoluene	Ave	1.564	1.518		19.4	20.0	-3.0	30.0
1,2,3-Trimethylbenzene	Ave	2.104	2.063		19.6	20.0	-2.0	30.0
Benzyl chloride	Ave	0.1890	0.3027		32.0	20.0	60.1*	30.0
Indan	Ave	2.289	2.208		19.3	20.0	-3.5	30.0
1,2-Dichlorobenzene	Ave	1.251	1.269	0.4000	20.3	20.0	1.4	30.0
p-Diethylbenzene	Ave	0.8372	0.9817		23.5	20.0	17.3	30.0
n-Butylbenzene	Ave	0.6592	0.6855		20.8	20.0	4.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1451	0.1289	0.0500	17.8	20.0	-11.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.683	1.706		20.3	20.0	1.4	30.0
1,3,5-Trichlorobenzene	Ave	0.6288	0.6904		22.0	20.0	9.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5712	0.5989	0.2000	21.0	20.0	4.8	30.0
Hexachlorobutadiene	Ave	0.1987	0.2138		21.5	20.0	7.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869787/17 Calibration Date: 10/04/2022 03:05

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82155.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
Naphthalene	Ave	1.620	1.715		21.2	20.0	5.9	30.0
1,2,3-Trichlorobenzene	Ave	0.5244	0.5281		20.1	20.0	0.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2532	0.2254		44.5	50.0	-11.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2526	0.2187		43.3	50.0	-13.4	30.0
Toluene-d8 (Surr)	Ave	1.257	1.188		47.2	50.0	-5.5	30.0
Bromofluorobenzene	Ave	0.3871	0.3716		48.0	50.0	-4.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82155.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 04-Oct-2022 03:05:30 ALS Bottle#: 37 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0151211-017
Operator ID: Instrument ID: CVOAMS12
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Oct-2022 17:18:26 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: W9CM Date: 04-Oct-2022 17:14:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	87	13899	20.0	12.9	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	75707	20.0	21.5	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	96	11829	20.0	18.3	M
6 Chloromethane	50	0.959	0.970	-0.011	81	58558	20.0	19.8	
7 Vinyl chloride	62	0.981	0.981	0.000	97	63636	20.0	20.4	
8 Butadiene	54	0.993	0.993	0.000	93	46365	20.0	17.0	
9 Bromomethane	94	1.141	1.141	0.000	97	55077	20.0	24.4	
10 Chloroethane	64	1.187	1.187	0.000	99	37516	20.0	18.4	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	98967	20.0	18.2	
12 Trichlorofluoromethane	101	1.312	1.313	-0.001	98	95851	20.0	19.6	
13 Pentane	57	1.358	1.358	0.000	95	21505	40.0	42.4	
14 Ethanol	46	1.415	1.415	0.000	69	9078	800.0	791.4	
15 Ethyl ether	59	1.461	1.461	0.000	90	32419	20.0	17.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	91	52869	20.0	19.0	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	44504	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.507	0.000	96	67955	20.0	18.0	
19 Acrolein	56	1.529	1.529	0.000	88	5401	40.1	30.1	
20 1,1-Dichloroethene	96	1.586	1.587	-0.001	95	49117	20.0	19.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.587	-0.001	98	46869	20.0	18.4	
22 Acetone	58	1.609	1.609	0.000	87	10990	100.0	79.8	
23 Iodomethane	142	1.666	1.666	0.000	98	72772	20.0	16.2	
25 Carbon disulfide	76	1.701	1.701	0.000	99	163295	20.0	19.0	
24 Isopropyl alcohol	45	1.701	1.701	0.000	27	12519	200.0	159.5	
26 Acetonitrile	38	1.781	1.781	0.000	79	17051	200.0	209.3	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	95	34326	20.0	19.1	
28 Methyl acetate	43	1.803	1.803	0.000	96	25186	40.0	32.6	
29 Cyclopentene	67	1.838	1.838	0.000	97	109268	20.0	18.2	
30 Methylene Chloride	84	1.860	1.861	-0.001	85	60703	20.0	18.9	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	100	129008	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	27251	200.0	176.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.997	1.998	-0.001	94	103114	200.0	162.7	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	91	52249	20.0	17.9	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	95	127873	20.0	18.2	
36 Hexane	57	2.214	2.214	0.000	90	39840	20.0	20.7	
37 1,1-Dichloroethane	63	2.283	2.294	-0.011	99	86698	20.0	17.8	
38 Vinyl acetate	86	2.340	2.340	0.000	99	17750	40.0	115.7	
39 Isopropyl ether	45	2.351	2.351	0.000	82	140367	20.0	18.9	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	75	53105	20.0	19.5	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	149331	20.0	18.7	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	137165	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	86	20199	20.0	24.9	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	96	56956	20.0	17.6	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	18479	100.0	93.5	
42 Propionitrile	54	2.751	2.751	0.000	94	41798	200.0	201.7	
47 Ethyl acetate	70	2.774	2.774	0.000	99	8033	40.0	42.1	
48 Methyl acrylate	55	2.808	2.797	0.011	99	29313	20.0	16.6	
50 Methacrylonitrile	67	2.865	2.865	0.000	89	130318	200.0	170.6	
49 Chlorobromomethane	128	2.877	2.877	0.000	66	30970	20.0	18.1	
51 Tetrahydrofuran	42	2.922	2.922	0.000	93	14641	40.0	36.6	
52 Chloroform	83	2.945	2.945	0.000	98	89076	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	123887	50.0	44.5	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	97	86095	20.0	18.4	
55 Cyclohexane	84	3.139	3.139	0.000	86	64769	20.0	18.8	
56 Carbon tetrachloride	117	3.231	3.231	-0.001	97	69596	20.0	17.9	
57 1,1-Dichloropropene	75	3.231	3.231	-0.001	96	70755	20.0	18.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	120203	50.0	43.3	
61 Isobutyl alcohol	43	3.379	3.368	0.011	96	22552	500.0	428.6	
59 Benzene	78	3.402	3.402	0.000	95	212476	20.0	19.2	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	97	64867	20.0	17.6	
62 Isooctane	57	3.505	3.505	0.000	96	81620	20.0	20.0	
63 Isopropyl acetate	61	3.516	3.516	0.000	95	14986	20.0	19.0	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	91	149103	20.0	18.5	
* 65 Fluorobenzene	96	3.653	3.664	-0.011	99	549604	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	90	28677	20.0	21.8	
67 Trichloroethene	95	4.018	4.007	0.011	96	58108	20.0	17.3	
68 n-Butanol	56	4.053	4.018	0.035	82	13245	500.0	337.3	
69 Ethyl acrylate	55	4.190	4.167	0.023	94	84421	20.0	18.7	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	56416	20.0	19.3	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	89	50736	20.0	18.3	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	30006	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	94	31307	20.0	17.6	
74 1,4-Dioxane	88	4.384	4.384	0.000	92	12455	400.0	385.8	
75 Methyl methacrylate	100	4.406	4.395	0.011	82	28623	40.0	40.7	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	47033	20.0	19.2	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	65385	20.0	17.6	
78 2-Nitropropane	41	4.783	4.772	0.011	99	17179	40.0	32.2	
79 2-Chloroethyl vinyl ether	63	4.909	4.897	0.012	93	25505	20.0	14.4	
80 Epichlorohydrin	57	4.909	4.932	-0.023	43	3863	20.0	22.8	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	92	83458	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	95	174289	100.0	109.5	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	518572	50.0	47.2	
84 Toluene	91	5.423	5.423	0.000	93	236959	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.731	5.719	0.012	96	77533	20.0	20.4	
86 Ethyl methacrylate	69	5.913	5.902	0.011	86	59422	20.0	18.5	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	37124	20.0	18.0	
88 Tetrachloroethene	166	6.096	6.096	0.000	95	57732	20.0	19.7	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	79183	20.0	18.7	
90 2-Hexanone	43	6.324	6.325	-0.001	94	111262	100.0	98.6	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	52991	20.0	19.1	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	51449	20.0	19.0	
92 n-Butyl acetate	43	6.564	6.553	0.011	98	58255	20.0	19.7	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	436592	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	98	166199	20.0	18.1	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	56113	20.0	19.3	
97 Ethylbenzene	106	7.466	7.466	0.000	97	84054	20.0	19.9	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	101229	20.0	19.1	
99 o-Xylene	106	8.220	8.220	0.000	95	98326	20.0	18.4	
100 Styrene	104	8.254	8.254	0.000	96	163271	20.0	18.6	
101 n-Butyl acrylate	73	8.334	8.323	0.011	97	34232	20.0	18.4	
102 Bromoform	173	8.471	8.460	0.011	96	31572	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	8.722	8.711	0.011	93	64458	20.0	18.9	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	216179	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	162236	50.0	48.0	
106 Bromobenzene	156	9.202	9.190	0.012	93	71213	20.0	20.1	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	60635	20.0	21.7	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	96	43499	20.0	17.7	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	92	20794	20.0	20.2	
110 N-Propylbenzene	91	9.487	9.476	0.011	100	219425	20.0	20.8	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	161763	20.0	18.0	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	196003	20.0	19.2	
113 4-Chlorotoluene	91	9.738	9.727	0.011	96	143304	20.0	19.1	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	169736	20.0	19.6	
115 Butyl Methacrylate	87	10.092	10.092	0.000	88	64245	20.0	20.3	
116 tert-Butylbenzene	119	10.298	10.298	0.000	95	128368	20.0	18.9	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	174346	20.0	19.5	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	163297	20.0	18.8	
119 1,3-Dichlorobenzene	146	10.766	10.754	0.012	97	117588	20.0	20.0	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	236188	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	120851	20.0	19.1	
122 4-Isopropyltoluene	119	10.960	10.948	0.012	98	143376	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	11.063	11.051	0.011	98	194881	20.0	19.6	
124 Benzyl chloride	126	11.177	11.165	0.012	99	28601	20.0	32.0	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	208625	20.0	19.3	
126 1,2-Dichlorobenzene	146	11.439	11.428	0.011	97	119905	20.0	20.3	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	92745	20.0	23.5	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	64765	20.0	20.8	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.204	0.012	92	12182	20.0	17.8	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	161173	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	12.387	12.376	0.011	98	65222	20.0	22.0	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	56581	20.0	21.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	94	20196	20.0	21.5	
134 Naphthalene	128	12.946	12.946	0.000	99	162061	20.0	21.2	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	97	49890	20.0	20.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	35.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	37.5	
S 139 Total BTEX	1				0		100.0	95.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

GAS C SP_00482	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00142	Amount Added:	4.00	Units: uL	
8260 SP_00159	Amount Added:	20.00	Units: uL	
8FreonsSS_00050	Amount Added:	20.00	Units: uL	
8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2022 17:18:29 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82155.d

Injection Date: 04-Oct-2022 03:05:30 Instrument ID: CVOAMS12 Operator ID:

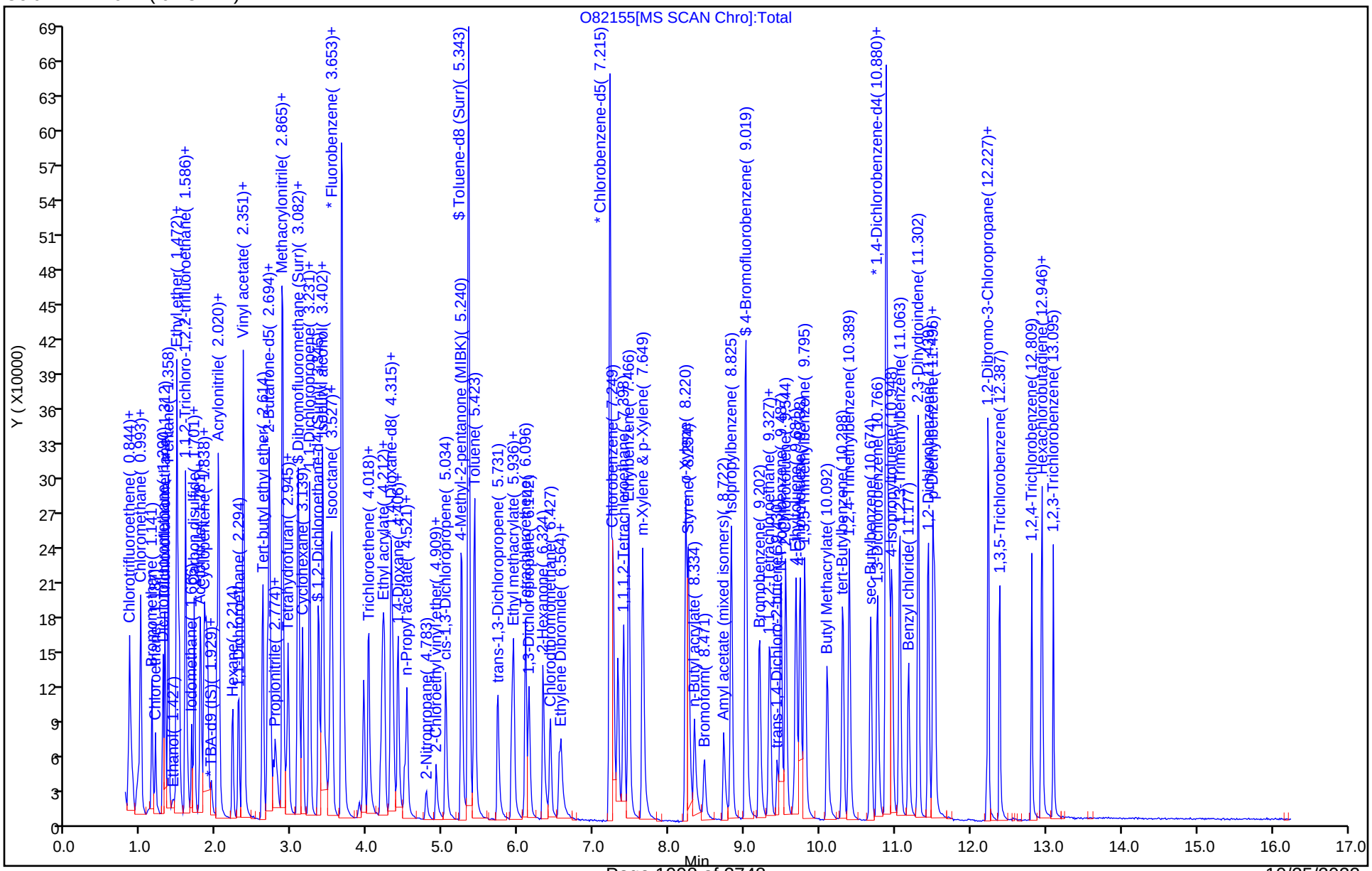
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 37

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

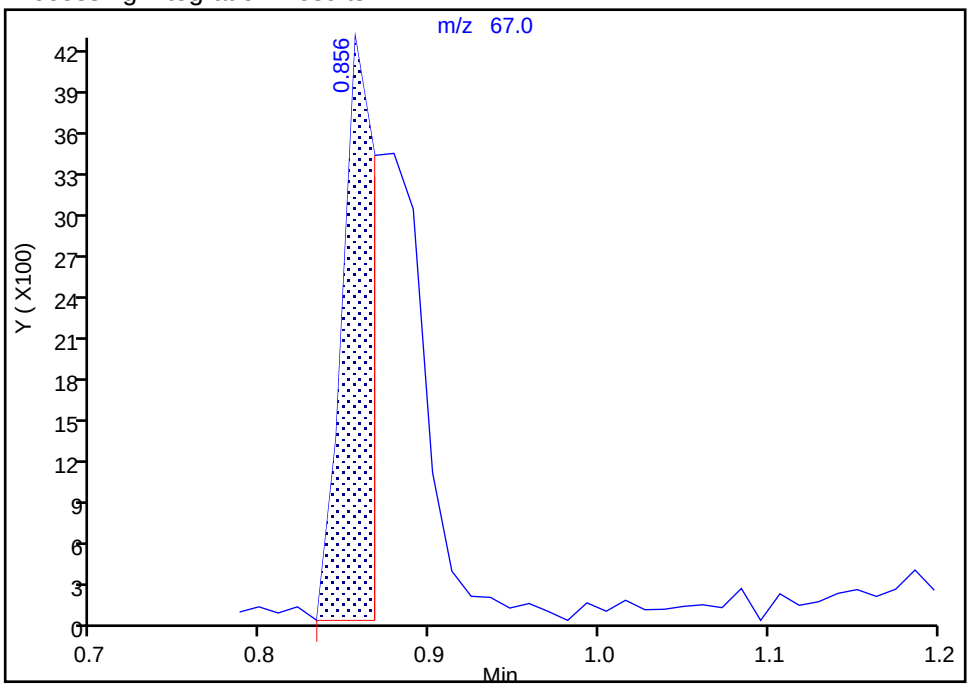
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Injection Date: 04-Oct-2022 03:05:30 Instrument ID: CVOAMS12
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 37 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

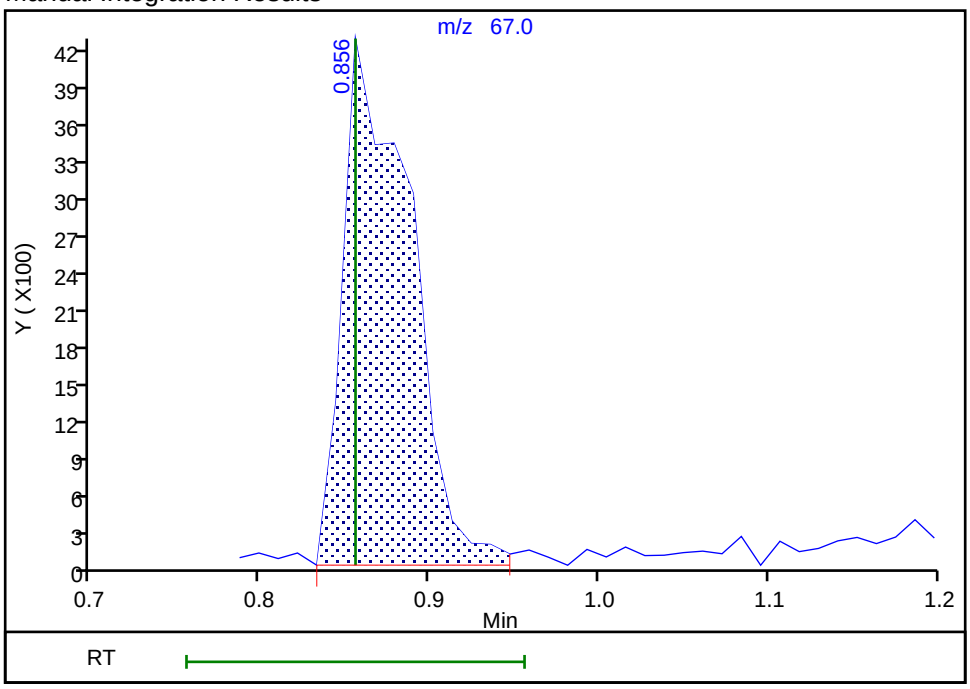
Processing Integration Results

RT: 0.86
Area: 6155
Amount: 9.504822
Amount Units: ug/l



Manual Integration Results

RT: 0.86
Area: 11829
Amount: 18.266862
Amount Units: ug/l



Reviewer: W9CM, 04-Oct-2022 17:13:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-871835/2 Calibration Date: 10/13/2022 22:12

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82695.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	1.964	2.690		27.4	20.0	37.0*	20.0
Dichlorodifluoromethane	Lin2		0.3313	0.1000	20.7	20.0	3.5	20.0
Chlorodifluoromethane	Ave	0.0589	0.0564		19.2	20.0	-4.2	20.0
Chloromethane	Lin2		0.2850	0.1000	21.2	20.0	5.9	20.0
Vinyl chloride	Ave	0.2838	0.2918	0.1000	20.6	20.0	2.8	20.0
Butadiene	Ave	0.2488	0.2263		18.2	20.0	-9.0	20.0
Bromomethane	Ave	0.2052	0.2326	0.1000	22.7	20.0	13.3	50.0
Chloroethane	Ave	0.1852	0.2016	0.1000	21.8	20.0	8.9	50.0
Dichlorofluoromethane	Ave	0.4936	0.5382		21.8	20.0	9.0	20.0
Trichlorofluoromethane	Ave	0.4444	0.4505	0.1000	20.3	20.0	1.4	20.0
Pentane	Ave	0.0462	0.0445		38.6	40.0	-3.6	20.0
Ethanol	Ave	0.0889	0.0923		831	800	3.8	50.0
Ethyl ether	Ave	0.1677	0.1650		19.7	20.0	-1.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2528	0.2490		19.7	20.0	-1.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2028	0.2070		20.4	20.0	2.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3436	0.3292		19.2	20.0	-4.2	20.0
Acrolein	Ave	1.393	1.322		38.0	40.0	-5.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2320	0.2255	0.1000	19.4	20.0	-2.8	20.0
1,1-Dichloroethene	Ave	0.2355	0.2313	0.1000	19.6	20.0	-1.8	20.0
Acetone	Ave	0.2509	0.2376	0.0500	94.7	100	-5.3	50.0
Iodomethane	Ave	0.4088	0.5310		26.0	20.0	29.9*	20.0
Carbon disulfide	Ave	0.7805	0.8270	0.1000	21.2	20.0	6.0	50.0
Isopropyl alcohol	Ave	0.6084	0.4996		164	200	-17.9	50.0
3-Chloro-1-propene	Ave	0.1631	0.1636		20.1	20.0	0.3	20.0
Acetonitrile	QuaF		0.7278		231	200	15.4	20.0
Methyl acetate	Ave	5.988	5.171	0.1000	34.5	40.0	-13.6	20.0
Cyclopentene	Ave	0.5469	0.4769		17.4	20.0	-12.8	20.0
Methylene Chloride	Ave	0.2924	0.3192	0.1000	21.8	20.0	9.1	20.0
2-Methyl-2-propanol	Ave	1.196	1.190		199	200	-0.5	50.0
Acrylonitrile	Ave	0.0577	0.0498		173	200	-13.6	20.0
trans-1,2-Dichloroethene	Ave	0.2656	0.2535	0.1000	19.1	20.0	-4.6	20.0
Methyl tert-butyl ether	Ave	0.6405	0.6048	0.1000	18.9	20.0	-5.6	20.0
Hexane	Ave	0.1749	0.1878		21.5	20.0	7.4	20.0
1,1-Dichloroethane	Ave	0.4440	0.4247	0.2000	19.1	20.0	-4.3	20.0
Vinyl acetate	Ave	0.2796	0.8913		128	40.0	218.8*	20.0
2-Chloro-1,3-butadiene	Ave	0.2484	0.2534		20.4	20.0	2.0	20.0
Isopropyl ether	Ave	0.6739	0.6614		19.6	20.0	-1.9	20.0
Tert-butyl ethyl ether	Ave	0.7262	0.7217		19.9	20.0	-0.6	20.0
2,2-Dichloropropane	Ave	0.0737	0.0997		27.0	20.0	35.2*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-871835/2 Calibration Date: 10/13/2022 22:12

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82695.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
cis-1,2-Dichloroethene	Ave	0.2945	0.2833	0.1000	19.2	20.0	-3.8	20.0
2-Butanone (MEK)	Ave	0.3604	0.3991	0.0500	111	100	10.7	50.0
Propionitrile	Ave	1.606	1.691		211	200	5.3	20.0
Ethyl acetate	Ave	0.3475	0.3611		41.6	40.0	3.9	20.0
Methyl acrylate	Ave	0.1610	0.1414		17.6	20.0	-12.1	20.0
Methacrylonitrile	Ave	0.0695	0.0605		174	200	-12.9	20.0
Chlorobromomethane	Ave	0.1557	0.1602		20.6	20.0	2.9	20.0
Tetrahydrofuran	Ave	0.7298	0.7253		39.8	40.0	-0.6	20.0
Chloroform	Ave	0.4541	0.4537	0.2000	20.0	20.0	-0.1	20.0
1,1,1-Trichloroethane	Ave	0.4251	0.4310	0.1000	20.3	20.0	1.4	20.0
Cyclohexane	Ave	0.3137	0.3138	0.1000	20.0	20.0	0.0	50.0
1,1-Dichloropropene	Ave	0.3427	0.3719		21.7	20.0	8.5	20.0
Carbon tetrachloride	Ave	0.3528	0.3380	0.1000	19.2	20.0	-4.2	20.0
Isobutyl alcohol	Ave	0.4079	0.4071		499	500	-0.2	50.0
Benzene	Ave	1.266	1.270	0.5000	20.1	20.0	0.3	20.0
1,2-Dichloroethane	Ave	0.3345	0.3142	0.1000	18.8	20.0	-6.1	20.0
Isooctane	Ave	0.3706	0.3834		20.7	20.0	3.4	20.0
Isopropyl acetate	Ave	0.0719	0.0663		18.5	20.0	-7.7	20.0
Tert-amyl methyl ether	Ave	0.7326	0.7318		20.0	20.0	-0.1	20.0
n-Heptane	Ave	0.1199	0.1340		22.4	20.0	11.8	20.0
Trichloroethene	Ave	0.3060	0.2969	0.2000	19.4	20.0	-3.0	20.0
n-Butanol	Ave	0.3044	0.2232		367	500	-26.7	50.0
Ethyl acrylate	Lin2		0.4059		19.7	20.0	-1.3	20.0
Methylcyclohexane	Ave	0.2662	0.2872	0.1000	21.6	20.0	7.9	50.0
1,2-Dichloropropane	Ave	0.2516	0.2558	0.1000	20.3	20.0	1.7	20.0
Dibromomethane	Ave	0.1616	0.1580		19.6	20.0	-2.2	20.0
1,4-Dioxane	Ave	1.076	1.086		404	400	1.0	50.0
Methyl methacrylate	Ave	0.0640	0.0680		42.5	40.0	6.2	20.0
n-Propyl acetate	Ave	0.2232	0.2300		20.6	20.0	3.0	20.0
Bromodichloromethane	Ave	0.3387	0.3253	0.2000	19.2	20.0	-4.0	20.0
2-Nitropropane	QuaF		0.0256		21.2	40.0	-47.0*	20.0
2-Chloroethyl vinyl ether	QuaF		0.1463		18.2	20.0	-9.0	20.0
Epichlorohydrin	QuaF		0.3710		481	400	20.2*	20.0
cis-1,3-Dichloropropene	Ave	0.5064	0.4824	0.2000	19.1	20.0	-4.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.900	3.524	0.0500	122	100	21.5	50.0
Toluene	Ave	1.449	1.485	0.4000	20.5	20.0	2.5	20.0
trans-1,3-Dichloropropene	Ave	0.4358	0.4293	0.1000	19.7	20.0	-1.5	50.0
Ethyl methacrylate	Ave	0.3671	0.3361		18.3	20.0	-8.5	20.0
1,1,2-Trichloroethane	Ave	0.2368	0.2247	0.1000	19.0	20.0	-5.1	20.0
Tetrachloroethene	Ave	0.3354	0.3384	0.2000	20.2	20.0	0.9	20.0
1,3-Dichloropropane	Ave	0.4838	0.4805		19.9	20.0	-0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-871835/2 Calibration Date: 10/13/2022 22:12

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82695.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-Hexanone	QuaF		2.361	0.0500	115	100	14.9	50.0
Dibromochloromethane	Ave	0.3179	0.2895	0.1000	18.2	20.0	-8.9	50.0
Ethylene Dibromide	Ave	0.3101	0.3006	0.1000	19.4	20.0	-3.1	20.0
n-Butyl acetate	Ave	0.3385	0.2940		17.4	20.0	-13.2	20.0
Chlorobenzene	Ave	1.053	1.004	0.5000	19.1	20.0	-4.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3338	0.3043		18.2	20.0	-8.8	20.0
Ethylbenzene	Ave	0.4844	0.4921	0.1000	20.3	20.0	1.6	20.0
m-Xylene & p-Xylene	Ave	0.6059	0.6223	0.1000	20.5	20.0	2.7	20.0
o-Xylene	Ave	0.6126	0.6168	0.3000	20.1	20.0	0.7	20.0
Styrene	Ave	1.008	0.996	0.3000	19.8	20.0	-1.1	20.0
n-Butyl acrylate	Ave	0.2132	0.1822		17.1	20.0	-14.6	20.0
Bromoform	Ave	0.2048	0.1608	0.1000	15.7	20.0	-21.5*	20.0
Amyl acetate (mixed isomers)	Ave	0.7230	0.6234		17.2	20.0	-13.8	20.0
Isopropylbenzene	Ave	1.280	1.295	0.1000	20.2	20.0	1.2	20.0
Bromobenzene	Ave	0.7507	0.8012		21.3	20.0	6.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5928	0.6180	0.3000	20.8	20.0	4.2	20.0
1,2,3-Trichloropropane	Ave	0.5217	0.4936		18.9	20.0	-5.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2181	0.2152		19.7	20.0	-1.3	20.0
N-Propylbenzene	Ave	2.234	2.473		22.1	20.0	10.7	20.0
2-Chlorotoluene	Ave	1.899	1.814		19.1	20.0	-4.5	20.0
4-Ethyltoluene	Ave	2.158	2.159		20.0	20.0	0.0	20.0
4-Chlorotoluene	Ave	1.585	1.624		20.5	20.0	2.5	20.0
1,3,5-Trimethylbenzene	Ave	1.833	1.902		20.8	20.0	3.8	20.0
Butyl Methacrylate	Ave	0.6708	0.6342		18.9	20.0	-5.4	20.0
tert-Butylbenzene	Ave	1.441	1.407		19.5	20.0	-2.3	20.0
1,2,4-Trimethylbenzene	Ave	1.892	1.948		20.6	20.0	2.9	20.0
sec-Butylbenzene	Ave	1.837	1.785		19.4	20.0	-2.9	20.0
1,3-Dichlorobenzene	Ave	1.242	1.273	0.6000	20.5	20.0	2.5	20.0
1,4-Dichlorobenzene	Ave	1.338	1.324	0.5000	19.8	20.0	-1.1	20.0
4-Isopropyltoluene	Ave	1.564	1.590		20.3	20.0	1.6	20.0
1,2,3-Trimethylbenzene	Ave	2.104	2.094		19.9	20.0	-0.5	20.0
Benzyl chloride	Ave	0.1890	0.2216		23.4	20.0	17.2	50.0
Indan	Ave	2.289	2.241		19.6	20.0	-2.1	20.0
1,2-Dichlorobenzene	Ave	1.251	1.265	0.4000	20.2	20.0	1.1	20.0
p-Diethylbenzene	Ave	0.8372	0.8562		20.5	20.0	2.3	20.0
n-Butylbenzene	Ave	0.6592	0.7346		22.3	20.0	11.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1451	0.1284	0.0500	17.7	20.0	-11.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.683	1.751		20.8	20.0	4.0	20.0
1,3,5-Trichlorobenzene	Ave	0.6288	0.6389		20.3	20.0	1.6	20.0
1,2,4-Trichlorobenzene	Ave	0.5712	0.5853	0.2000	20.5	20.0	2.5	20.0
Hexachlorobutadiene	Ave	0.1987	0.1973		19.9	20.0	-0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-871835/2 Calibration Date: 10/13/2022 22:12

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82695.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
Naphthalene	Ave	1.620	1.803		22.3	20.0	11.3	50.0
1,2,3-Trichlorobenzene	Ave	0.5244	0.5144		19.6	20.0	-1.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2532	0.2392		47.2	50.0	-5.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2526	0.2305		45.6	50.0	-8.7	20.0
Toluene-d8 (Surr)	Ave	1.257	1.204		47.9	50.0	-4.2	20.0
Bromofluorobenzene	Ave	0.3871	0.3760		48.6	50.0	-2.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82695.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 13-Oct-2022 22:12:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151704-002
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 22:30:04 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: HVW2 Date: 13-Oct-2022 22:30:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	85	25361	20.0	27.4	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	67575	20.0	20.7	
5 Chlorodifluoromethane	67	0.867	0.867	0.000	97	11513	20.0	19.2	
6 Chloromethane	50	0.959	0.959	0.000	99	58144	20.0	21.2	
7 Vinyl chloride	62	0.981	0.981	0.000	98	59521	20.0	20.6	
8 Butadiene	54	0.993	0.993	0.000	93	46168	20.0	18.2	
9 Bromomethane	94	1.141	1.141	0.000	99	47444	20.0	22.7	
10 Chloroethane	64	1.187	1.187	0.000	99	41123	20.0	21.8	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	109792	20.0	21.8	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	98	91891	20.0	20.3	
13 Pentane	57	1.358	1.358	0.000	94	18161	40.0	38.6	
14 Ethanol	46	1.415	1.415	0.000	96	8113	800.0	830.5	
15 Ethyl ether	59	1.461	1.461	0.000	93	33651	20.0	19.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	93	50801	20.0	19.7	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	42234	20.0	20.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.507	0.000	94	67146	20.0	19.2	
19 Acrolein	56	1.529	1.529	0.000	90	5810	40.0	38.0	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	95	47175	20.0	19.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	97	45992	20.0	19.4	
22 Acetone	58	1.609	1.609	0.000	87	11200	100.0	94.7	
23 Iodomethane	142	1.666	1.666	0.000	98	108319	20.0	26.0	
25 Carbon disulfide	76	1.701	1.701	0.000	99	168702	20.0	21.2	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	10978	200.0	164.2	
26 Acetonitrile	38	1.781	1.781	0.000	95	15992	200.0	230.8	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	94	33366	20.0	20.1	
28 Methyl acetate	43	1.803	1.803	0.000	95	22725	40.0	34.5	
29 Cyclopentene	67	1.838	1.838	0.000	93	97285	20.0	17.4	
30 Methylene Chloride	84	1.861	1.861	0.000	84	65102	20.0	21.8	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	109867	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	26153	200.0	199.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.998	1.998	0.000	94	101636	200.0	172.8	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	90	51707	20.0	19.1	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	123360	20.0	18.9	
36 Hexane	57	2.214	2.214	0.000	90	38317	20.0	21.5	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	99	86630	20.0	19.1	
38 Vinyl acetate	86	2.340	2.340	0.000	99	16806	40.0	127.5	
39 Isopropyl ether	45	2.351	2.351	0.000	81	134923	20.0	19.6	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	75	51685	20.0	20.4	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	92	147219	20.0	19.9	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	98	117854	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	87	20336	20.0	27.0	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	96	57793	20.0	19.2	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	18813	100.0	110.7	
42 Propionitrile	54	2.751	2.751	0.000	96	37150	200.0	210.5	
47 Ethyl acetate	70	2.785	2.785	0.000	99	6809	40.0	41.6	
48 Methyl acrylate	55	2.808	2.808	0.000	63	28851	20.0	17.6	
50 Methacrylonitrile	67	2.865	2.865	0.000	87	123505	200.0	174.3	
49 Chlorobromomethane	128	2.877	2.877	0.000	70	32680	20.0	20.6	
51 Tetrahydrofuran	42	2.922	2.922	0.000	89	13677	40.0	39.8	
52 Chloroform	83	2.945	2.945	0.000	99	92541	20.0	20.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	121989	50.0	47.2	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	97	87922	20.0	20.3	
55 Cyclohexane	84	3.139	3.139	0.000	84	64005	20.0	20.0	
56 Carbon tetrachloride	117	3.231	3.231	0.000	98	68943	20.0	19.2	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	97	75862	20.0	21.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	117554	50.0	45.6	
61 Isobutyl alcohol	43	3.379	3.379	0.000	98	22365	500.0	499.1	
59 Benzene	78	3.402	3.402	0.000	96	229796	20.0	20.1	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	97	64083	20.0	18.8	
62 Isooctane	57	3.505	3.505	0.000	97	78207	20.0	20.7	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	13534	20.0	18.5	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	95	149276	20.0	20.0	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	509957	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	88	27342	20.0	22.4	
67 Trichloroethene	95	4.007	4.007	0.000	96	60562	20.0	19.4	
68 n-Butanol	56	4.053	4.053	0.000	85	12262	500.0	366.6	
69 Ethyl acrylate	55	4.190	4.190	0.000	98	82794	20.0	19.7	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	58591	20.0	21.6	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	92	52188	20.0	20.3	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	29510	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	32229	20.0	19.6	
74 1,4-Dioxane	88	4.395	4.395	0.000	84	12822	400.0	403.9	
75 Methyl methacrylate	100	4.406	4.406	0.000	79	27728	40.0	42.5	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	46920	20.0	20.6	
77 Dichlorobromomethane	83	4.521	4.521	0.000	98	66347	20.0	19.2	
78 2-Nitropropane	41	4.783	4.783	0.000	98	10461	40.0	21.2	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	90	29909	20.0	18.2	
80 Epichlorohydrin	57	4.932	4.932	0.000	98	69967	400.0	480.9	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	90	87287	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	166129	100.0	121.5	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	544763	50.0	47.9	
84 Toluene	91	5.423	5.423	0.000	92	268727	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
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	97	77677	20.0	19.7	
86 Ethyl methacrylate	69	5.914	5.914	0.000	86	60818	20.0	18.3	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	95	40659	20.0	19.0	
88 Tetrachloroethene	166	6.096	6.096	0.000	97	61229	20.0	20.2	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	90	86943	20.0	19.9	
90 2-Hexanone	43	6.325	6.325	0.000	94	111319	100.0	114.9	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	52381	20.0	18.2	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	54386	20.0	19.4	
92 n-Butyl acetate	43	6.564	6.564	0.000	96	53196	20.0	17.4	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	452387	50.0	50.0	
95 Chlorobenzene	112	7.261	7.261	0.000	98	181630	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	96	55066	20.0	18.2	
97 Ethylbenzene	106	7.466	7.466	0.000	97	89040	20.0	20.3	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	112600	20.0	20.5	
99 o-Xylene	106	8.220	8.220	0.000	95	111607	20.0	20.1	
100 Styrene	104	8.254	8.254	0.000	96	180319	20.0	19.8	
101 n-Butyl acrylate	73	8.334	8.334	0.000	97	32963	20.0	17.1	
102 Bromoform	173	8.471	8.471	0.000	95	29089	20.0	15.7	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	92	59939	20.0	17.2	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	234354	20.0	20.2	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	170110	50.0	48.6	
106 Bromobenzene	156	9.202	9.202	0.000	92	77037	20.0	21.3	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	95	59416	20.0	20.8	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	95	47457	20.0	18.9	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	91	20695	20.0	19.7	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	237760	20.0	22.1	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	174404	20.0	19.1	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	207550	20.0	20.0	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	156191	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	182878	20.0	20.8	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	60981	20.0	18.9	
116 tert-Butylbenzene	119	10.298	10.298	0.000	95	135311	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	187317	20.0	20.6	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	171618	20.0	19.4	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	96	122414	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	240373	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	127287	20.0	19.8	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	152867	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	97	201323	20.0	19.9	
124 Benzyl chloride	126	11.177	11.177	0.000	99	21305	20.0	23.4	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	215449	20.0	19.6	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	96	121668	20.0	20.2	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	82320	20.0	20.5	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	70628	20.0	22.3	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	92	12347	20.0	17.7	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	168389	20.0	20.8	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	61431	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	95	56273	20.0	20.5	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	95	18966	20.0	19.9	
134 Naphthalene	128	12.946	12.946	0.000	99	173344	20.0	22.3	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	49462	20.0	19.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	40.7	
S 139 Total BTEX	1				0		100.0	101.5	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00497	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00231	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Oct-2022 22:30:05 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82695.d

Injection Date: 13-Oct-2022 22:12:30 Instrument ID: CVOAMS12 Operator ID:

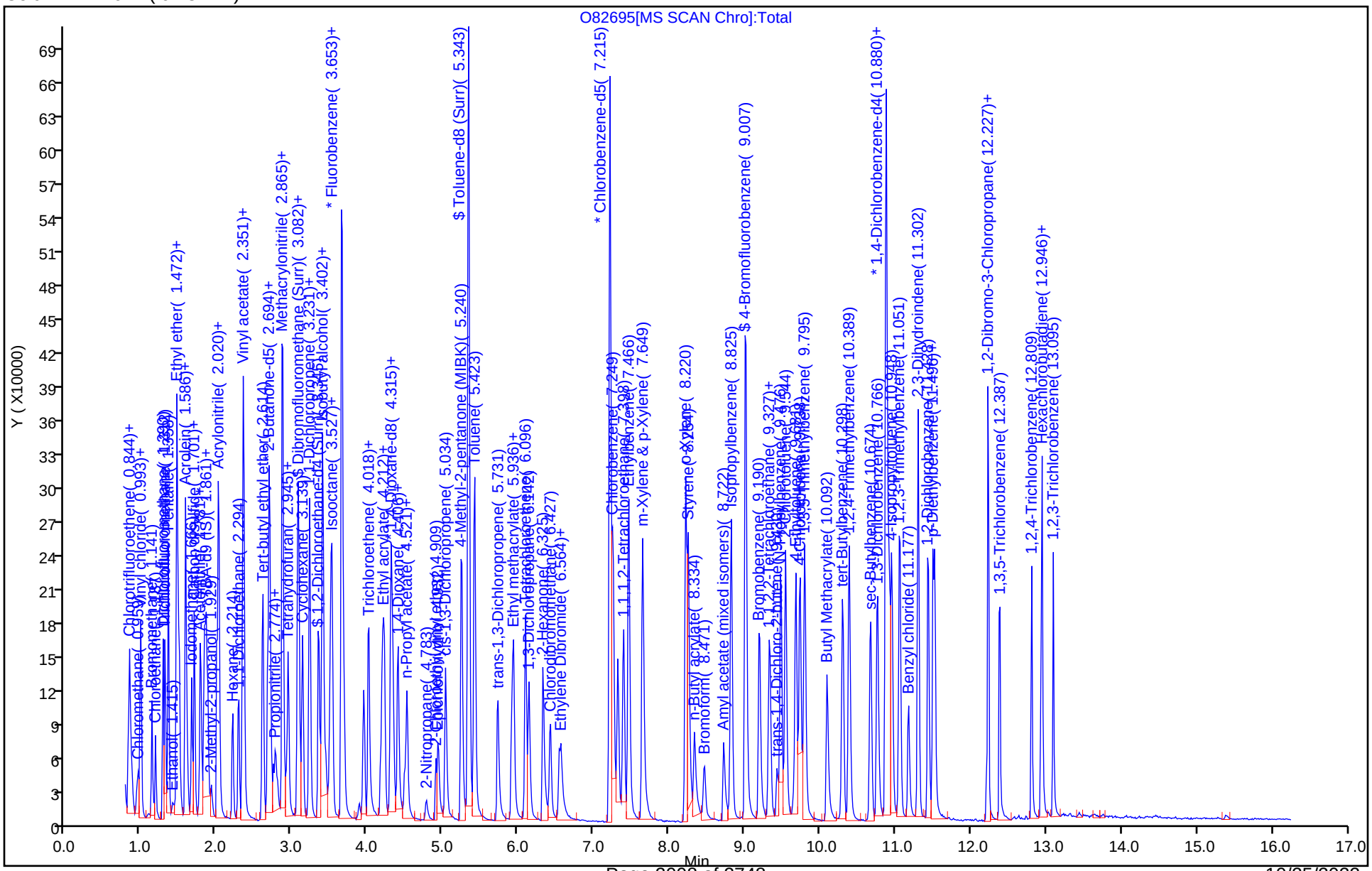
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_12 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.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872551/2 | Calibration Date: 10/18/2022 08:25

Instrument ID: CVOAMS12 | Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) | Calib End Date: 10/03/2022 23:44

Lab File ID: O82878.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	1.964	2.753		28.0	20.0	40.2*	20.0
Dichlorodifluoromethane	Lin2		0.4066	0.1000	25.5	20.0	27.6*	20.0
Chlorodifluoromethane	Ave	0.0589	0.0605		20.5	20.0	2.7	20.0
Chloromethane	Lin2		0.3057	0.1000	22.8	20.0	13.8	20.0
Vinyl chloride	Ave	0.2838	0.2874	0.1000	20.3	20.0	1.3	20.0
Butadiene	Ave	0.2488	0.2207		17.7	20.0	-11.3	20.0
Bromomethane	Ave	0.2052	0.2516	0.1000	24.5	20.0	22.6	50.0
Chloroethane	Ave	0.1852	0.2069	0.1000	22.3	20.0	11.7	50.0
Dichlorofluoromethane	Ave	0.4936	0.5505		22.3	20.0	11.5	20.0
Trichlorofluoromethane	Ave	0.4444	0.4366	0.1000	19.6	20.0	-1.8	20.0
Pentane	Ave	0.0462	0.0486		42.1	40.0	5.3	20.0
Ethanol	Ave	0.0889	0.1027		924	800	15.5	50.0
Ethyl ether	Ave	0.1677	0.1507		18.0	20.0	-10.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2528	0.2362		18.7	20.0	-6.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2028	0.1993		19.7	20.0	-1.7	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3436	0.3030		17.6	20.0	-11.8	20.0
Acrolein	Ave	1.393	1.361		39.1	40.0	-2.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2320	0.2413	0.1000	20.8	20.0	4.0	20.0
1,1-Dichloroethene	Ave	0.2355	0.2285	0.1000	19.4	20.0	-3.0	20.0
Acetone	Ave	0.2509	0.1967	0.0500	78.4	100	-21.6	50.0
Iodomethane	Ave	0.4088	0.4971		24.3	20.0	21.6*	20.0
Carbon disulfide	Ave	0.7805	0.8602	0.1000	22.0	20.0	10.2	50.0
Isopropyl alcohol	Ave	0.6084	0.4691		154	200	-22.9	50.0
3-Chloro-1-propene	Ave	0.1631	0.1648		20.2	20.0	1.0	20.0
Acetonitrile	QuaF		0.7238		230	200	14.8	20.0
Methyl acetate	Ave	5.988	4.531	0.1000	30.3	40.0	-24.3*	20.0
Cyclopentene	Ave	0.5469	0.4721		17.3	20.0	-13.7	20.0
Methylene Chloride	Ave	0.2924	0.3423	0.1000	23.4	20.0	17.1	20.0
2-Methyl-2-propanol	Ave	1.196	1.051		176	200	-12.1	50.0
Acrylonitrile	Ave	0.0577	0.0494		171	200	-14.4	20.0
trans-1,2-Dichloroethene	Ave	0.2656	0.2456	0.1000	18.5	20.0	-7.5	20.0
Methyl tert-butyl ether	Ave	0.6405	0.6132	0.1000	19.1	20.0	-4.3	20.0
Hexane	Ave	0.1749	0.2051		23.5	20.0	17.3	20.0
1,1-Dichloroethane	Ave	0.4440	0.4186	0.2000	18.9	20.0	-5.7	20.0
Vinyl acetate	Ave	0.2796	0.8951		128	40.0	220.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.2484	0.2643		21.3	20.0	6.4	20.0
Isopropyl ether	Ave	0.6739	0.6999		20.8	20.0	3.9	20.0
Tert-butyl ethyl ether	Ave	0.7262	0.7510		20.7	20.0	3.4	20.0
2,2-Dichloropropane	Ave	0.0737	0.1001		27.1	20.0	35.7*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872551/2 Calibration Date: 10/18/2022 08:25

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82878.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
cis-1,2-Dichloroethene	Ave	0.2945	0.2698	0.1000	18.3	20.0	-8.4	20.0
2-Butanone (MEK)	Ave	0.3604	0.4043	0.0500	112	100	12.2	50.0
Propionitrile	Ave	1.606	1.782		222	200	10.9	20.0
Ethyl acetate	Ave	0.3475	0.3878		44.6	40.0	11.6	20.0
Methyl acrylate	Ave	0.1610	0.1405		17.5	20.0	-12.7	20.0
Methacrylonitrile	Ave	0.0695	0.0589		170	200	-15.2	20.0
Chlorobromomethane	Ave	0.1557	0.1592		20.5	20.0	2.3	20.0
Tetrahydrofuran	Ave	0.7298	0.5837		32.0	40.0	-20.0	20.0
Chloroform	Ave	0.4541	0.4430	0.2000	19.5	20.0	-2.4	20.0
1,1,1-Trichloroethane	Ave	0.4251	0.4259	0.1000	20.0	20.0	0.2	20.0
Cyclohexane	Ave	0.3137	0.3428	0.1000	21.9	20.0	9.3	50.0
1,1-Dichloropropene	Ave	0.3427	0.3813		22.3	20.0	11.3	20.0
Carbon tetrachloride	Ave	0.3528	0.3334	0.1000	18.9	20.0	-5.5	20.0
Isobutyl alcohol	Ave	0.4079	0.3738		458	500	-8.3	50.0
Benzene	Ave	1.266	1.232	0.5000	19.5	20.0	-2.7	20.0
1,2-Dichloroethane	Ave	0.3345	0.3072	0.1000	18.4	20.0	-8.2	20.0
Isooctane	Ave	0.3706	0.4211		22.7	20.0	13.6	20.0
Isopropyl acetate	Ave	0.0719	0.0686		19.1	20.0	-4.6	20.0
Tert-amyl methyl ether	Ave	0.7326	0.7666		20.9	20.0	4.6	20.0
n-Heptane	Ave	0.1199	0.1440		24.0	20.0	20.1*	20.0
Trichloroethene	Ave	0.3060	0.3028	0.2000	19.8	20.0	-1.0	20.0
n-Butanol	Ave	0.3044	0.2095		344	500	-31.2	50.0
Ethyl acrylate	Lin2		0.4309		20.9	20.0	4.6	20.0
Methylcyclohexane	Ave	0.2662	0.3179	0.1000	23.9	20.0	19.4	50.0
1,2-Dichloropropane	Ave	0.2516	0.2628	0.1000	20.9	20.0	4.5	20.0
Dibromomethane	Ave	0.1616	0.1495		18.5	20.0	-7.4	20.0
1,4-Dioxane	Ave	1.076	1.082		402	400	0.6	50.0
Methyl methacrylate	Ave	0.0640	0.0722		45.1	40.0	12.9	20.0
n-Propyl acetate	Ave	0.2232	0.2345		21.0	20.0	5.0	20.0
Bromodichloromethane	Ave	0.3387	0.3326	0.2000	19.6	20.0	-1.8	20.0
2-Nitropropane	QuaF		0.0283		23.4	40.0	-41.6*	20.0
2-Chloroethyl vinyl ether	QuaF		0.1453		18.1	20.0	-9.6	20.0
Epichlorohydrin	QuaF		0.4113		533	400	33.3*	20.0
cis-1,3-Dichloropropene	Ave	0.5064	0.4580	0.2000	18.1	20.0	-9.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.900	3.809	0.0500	131	100	31.4	50.0
Toluene	Ave	1.449	1.439	0.4000	19.9	20.0	-0.7	20.0
trans-1,3-Dichloropropene	Ave	0.4358	0.4059	0.1000	18.6	20.0	-6.8	50.0
Ethyl methacrylate	Ave	0.3671	0.3304		18.0	20.0	-10.0	20.0
1,1,2-Trichloroethane	Ave	0.2368	0.2184	0.1000	18.4	20.0	-7.8	20.0
Tetrachloroethene	Ave	0.3354	0.3167	0.2000	18.9	20.0	-5.6	20.0
1,3-Dichloropropane	Ave	0.4838	0.4491		18.6	20.0	-7.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872551/2 Calibration Date: 10/18/2022 08:25

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82878.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-Hexanone	QuaF		2.508	0.0500	122	100	22.1	50.0
Dibromochloromethane	Ave	0.3179	0.2699	0.1000	17.0	20.0	-15.1	50.0
Ethylene Dibromide	Ave	0.3101	0.2902	0.1000	18.7	20.0	-6.4	20.0
n-Butyl acetate	Ave	0.3385	0.2877		17.0	20.0	-15.0	20.0
Chlorobenzene	Ave	1.053	0.9653	0.5000	18.3	20.0	-8.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3338	0.2862		17.2	20.0	-14.2	20.0
Ethylbenzene	Ave	0.4844	0.4772	0.1000	19.7	20.0	-1.5	20.0
m-Xylene & p-Xylene	Ave	0.6059	0.5986	0.1000	19.8	20.0	-1.2	20.0
o-Xylene	Ave	0.6126	0.5810	0.3000	19.0	20.0	-5.1	20.0
Styrene	Ave	1.008	0.9640	0.3000	19.1	20.0	-4.4	20.0
n-Butyl acrylate	Ave	0.2132	0.1678		15.7	20.0	-21.3*	20.0
Bromoform	Ave	0.2048	0.1471	0.1000	14.4	20.0	-28.2*	20.0
Amyl acetate (mixed isomers)	Ave	0.7230	0.5662		15.7	20.0	-21.7*	20.0
Isopropylbenzene	Ave	1.280	1.228	0.1000	19.2	20.0	-4.0	20.0
Bromobenzene	Ave	0.7507	0.7421		19.8	20.0	-1.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5928	0.6210	0.3000	21.0	20.0	4.8	20.0
1,2,3-Trichloropropane	Ave	0.5217	0.4836		18.5	20.0	-7.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2181	0.1895		17.4	20.0	-13.1	20.0
N-Propylbenzene	Ave	2.234	2.316		20.7	20.0	3.7	20.0
2-Chlorotoluene	Ave	1.899	1.726		18.2	20.0	-9.1	20.0
4-Ethyltoluene	Ave	2.158	2.006		18.6	20.0	-7.0	20.0
4-Chlorotoluene	Ave	1.585	1.447		18.3	20.0	-8.7	20.0
1,3,5-Trimethylbenzene	Ave	1.833	1.726		18.8	20.0	-5.8	20.0
Butyl Methacrylate	Ave	0.6708	0.5852		17.4	20.0	-12.8	20.0
tert-Butylbenzene	Ave	1.441	1.358		18.9	20.0	-5.7	20.0
1,2,4-Trimethylbenzene	Ave	1.892	1.802		19.0	20.0	-4.8	20.0
sec-Butylbenzene	Ave	1.837	1.719		18.7	20.0	-6.5	20.0
1,3-Dichlorobenzene	Ave	1.242	1.168	0.6000	18.8	20.0	-5.9	20.0
1,4-Dichlorobenzene	Ave	1.338	1.243	0.5000	18.6	20.0	-7.1	20.0
4-Isopropyltoluene	Ave	1.564	1.521		19.4	20.0	-2.8	20.0
1,2,3-Trimethylbenzene	Ave	2.104	1.962		18.6	20.0	-6.8	20.0
Benzyl chloride	Ave	0.1890	0.2092		22.1	20.0	10.6	50.0
Indan	Ave	2.289	2.151		18.8	20.0	-6.0	20.0
1,2-Dichlorobenzene	Ave	1.251	1.208	0.4000	19.3	20.0	-3.4	20.0
p-Diethylbenzene	Ave	0.8372	0.8057		19.2	20.0	-3.8	20.0
n-Butylbenzene	Ave	0.6592	0.7048		21.4	20.0	6.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1451	0.1052	0.0500	14.5	20.0	-27.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.683	1.560		18.5	20.0	-7.3	20.0
1,3,5-Trichlorobenzene	Ave	0.6288	0.5813		18.5	20.0	-7.5	20.0
1,2,4-Trichlorobenzene	Ave	0.5712	0.5148	0.2000	18.0	20.0	-9.9	20.0
Hexachlorobutadiene	Ave	0.1987	0.1797		18.1	20.0	-9.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872551/2 Calibration Date: 10/18/2022 08:25

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82878.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
Naphthalene	Ave	1.620	1.616		20.0	20.0	-0.2	50.0
1,2,3-Trichlorobenzene	Ave	0.5244	0.4483		17.1	20.0	-14.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2532	0.2178		43.0	50.0	-14.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2526	0.2055		40.7	50.0	-18.6	20.0
Toluene-d8 (Surr)	Ave	1.257	1.071		42.6	50.0	-14.8	20.0
Bromofluorobenzene	Ave	0.3871	0.3099		40.0	50.0	-20.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82878.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 18-Oct-2022 08:25:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151895-002
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 11:48:28 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 11:48:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	86	22972	20.0	28.0	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	75268	20.0	25.5	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	11202	20.0	20.5	
6 Chloromethane	50	0.958	0.958	0.000	99	56593	20.0	22.8	
7 Vinyl chloride	62	0.981	0.981	0.000	98	53211	20.0	20.3	
8 Butadiene	54	0.993	0.993	0.000	94	40861	20.0	17.7	
9 Bromomethane	94	1.141	1.141	0.000	98	46585	20.0	24.5	
10 Chloroethane	64	1.187	1.187	0.000	99	38310	20.0	22.3	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	101920	20.0	22.3	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	97	80823	20.0	19.6	
13 Pentane	57	1.358	1.358	0.000	95	18013	40.0	42.1	
14 Ethanol	46	1.415	1.415	0.000	95	7806	800.0	924.4	
15 Ethyl ether	59	1.461	1.461	0.000	92	27905	20.0	18.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	92	43737	20.0	18.7	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	92	36902	20.0	19.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.506	0.000	95	56092	20.0	17.6	
19 Acrolein	56	1.529	1.529	0.000	27	5172	40.0	39.1	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	96	42312	20.0	19.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	98	44665	20.0	20.8	
22 Acetone	58	1.609	1.609	0.000	87	8208	100.0	78.4	
23 Iodomethane	142	1.666	1.666	0.000	98	92032	20.0	24.3	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	8911	200.0	154.2	
25 Carbon disulfide	76	1.701	1.701	0.000	99	159258	20.0	22.0	
27 3-Chloro-1-propene	76	1.780	1.780	0.000	92	30505	20.0	20.2	
26 Acetonitrile	38	1.780	1.780	0.000	80	13749	200.0	229.5	
28 Methyl acetate	43	1.803	1.803	0.000	96	17213	40.0	30.3	
29 Cyclopentene	67	1.838	1.838	0.000	95	87403	20.0	17.3	
30 Methylene Chloride	84	1.860	1.860	0.000	84	63376	20.0	23.4	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	94979	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	19973	200.0	175.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.997	1.997	0.000	95	91368	200.0	171.2	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	90	45468	20.0	18.5	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	113518	20.0	19.1	
36 Hexane	57	2.214	2.214	0.000	89	37970	20.0	23.5	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	99	77489	20.0	18.9	
38 Vinyl acetate	86	2.340	2.340	0.000	99	14938	40.0	128.1	
39 Isopropyl ether	45	2.351	2.351	0.000	81	129581	20.0	20.8	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	73	48930	20.0	21.3	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	93	139033	20.0	20.7	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	98	104299	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	94	18531	20.0	27.1	
45 cis-1,2-Dichloroethene	96	2.705	2.705	0.000	98	49953	20.0	18.3	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	16866	100.0	112.2	
42 Propionitrile	54	2.751	2.751	0.000	93	33853	200.0	221.9	
47 Ethyl acetate	70	2.785	2.785	0.000	99	6472	40.0	44.6	
48 Methyl acrylate	55	2.808	2.808	0.000	99	26006	20.0	17.5	
50 Methacrylonitrile	67	2.865	2.865	0.000	87	109134	200.0	169.7	
49 Chlorobromomethane	128	2.876	2.876	0.000	73	29476	20.0	20.5	
51 Tetrahydrofuran	42	2.922	2.922	0.000	77	9740	40.0	32.0	
52 Chloroform	83	2.945	2.945	0.000	99	82012	20.0	19.5	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	100813	50.0	43.0	
54 1,1,1-Trichloroethane	97	3.093	3.093	0.000	97	78853	20.0	20.0	
55 Cyclohexane	84	3.139	3.139	0.000	85	63470	20.0	21.9	
56 Carbon tetrachloride	117	3.230	3.230	0.000	97	61727	20.0	18.9	
57 1,1-Dichloropropene	75	3.230	3.230	0.000	97	70593	20.0	22.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	95135	50.0	40.7	
61 Isobutyl alcohol	43	3.379	3.379	0.000	97	17752	500.0	458.3	
59 Benzene	78	3.402	3.402	0.000	96	219497	20.0	19.5	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	56873	20.0	18.4	
62 Isooctane	57	3.504	3.504	0.000	95	77954	20.0	22.7	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	12692	20.0	19.1	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	141924	20.0	20.9	
* 65 Fluorobenzene	96	3.664	3.664	0.000	99	462837	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	86	26660	20.0	24.0	
67 Trichloroethene	95	4.007	4.007	0.000	95	56066	20.0	19.8	
68 n-Butanol	56	4.052	4.052	0.000	89	9948	500.0	344.1	
69 Ethyl acrylate	55	4.189	4.189	0.000	99	79783	20.0	20.9	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	58846	20.0	23.9	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	90	48652	20.0	20.9	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	29454	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	95	27686	20.0	18.5	
74 1,4-Dioxane	88	4.383	4.383	0.000	89	12749	400.0	402.3	
75 Methyl methacrylate	100	4.406	4.406	0.000	81	26747	40.0	45.1	
76 n-Propyl acetate	43	4.486	4.486	0.000	95	43411	20.0	21.0	
77 Dichlorobromomethane	83	4.520	4.520	0.000	98	61583	20.0	19.6	
78 2-Nitropropane	41	4.772	4.772	0.000	98	10474	40.0	23.4	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	92	26973	20.0	18.1	
80 Epichlorohydrin	57	4.943	4.943	0.000	98	68631	400.0	533.1	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	90	81620	20.0	18.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	158929	100.0	131.4	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	477113	50.0	42.6	
84 Toluene	91	5.422	5.422	0.000	93	256404	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
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	96	72336	20.0	18.6	
86 Ethyl methacrylate	69	5.913	5.913	0.000	86	58884	20.0	18.0	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	95	38917	20.0	18.4	
88 Tetrachloroethene	166	6.096	6.096	0.000	96	56444	20.0	18.9	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	80033	20.0	18.6	
90 2-Hexanone	43	6.324	6.324	0.000	92	104636	100.0	122.1	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	48100	20.0	17.0	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	51722	20.0	18.7	
92 n-Butyl acetate	43	6.564	6.564	0.000	98	51266	20.0	17.0	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	445500	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	98	172012	20.0	18.3	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	51007	20.0	17.2	
97 Ethylbenzene	106	7.466	7.466	0.000	97	85030	20.0	19.7	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	106670	20.0	19.8	
99 o-Xylene	106	8.220	8.220	0.000	94	103540	20.0	19.0	
100 Styrene	104	8.254	8.254	0.000	96	171777	20.0	19.1	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	29907	20.0	15.7	
102 Bromoform	173	8.471	8.471	0.000	95	26217	20.0	14.4	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	53721	20.0	15.7	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	218890	20.0	19.2	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	138042	50.0	40.0	
106 Bromobenzene	156	9.201	9.201	0.000	92	70410	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	58920	20.0	21.0	
108 1,2,3-Trichloropropane	75	9.338	9.338	0.000	97	45879	20.0	18.5	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	91	17982	20.0	17.4	
110 N-Propylbenzene	91	9.475	9.475	0.000	100	219732	20.0	20.7	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	163757	20.0	18.2	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	190314	20.0	18.6	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	137295	20.0	18.3	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	163756	20.0	18.8	
115 Butyl Methacrylate	87	10.092	10.092	0.000	86	55517	20.0	17.4	
116 tert-Butylbenzene	119	10.297	10.297	0.000	95	128884	20.0	18.9	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	171006	20.0	19.0	
118 sec-Butylbenzene	105	10.674	10.674	0.000	98	163044	20.0	18.7	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	96	110807	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	237184	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	95	117916	20.0	18.6	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	144295	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	186128	20.0	18.6	
124 Benzyl chloride	126	11.177	11.177	0.000	99	19845	20.0	22.1	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	204101	20.0	18.8	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	96	114632	20.0	19.3	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	76436	20.0	19.2	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	66864	20.0	21.4	
129 1,2-Dibromo-3-Chloropropane	157	12.215	12.215	0.000	95	9984	20.0	14.5	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	148046	20.0	18.5	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	98	55152	20.0	18.5	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	48841	20.0	18.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	94	17046	20.0	18.1	
134 Naphthalene	128	12.946	12.946	0.000	99	153322	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	42529	20.0	17.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	38.7	
S 139 Total BTEX	1				0		100.0	97.7	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 11:48:29 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82878.d

Injection Date: 18-Oct-2022 08:25:30 Instrument ID: CVOAMS12 Operator ID:

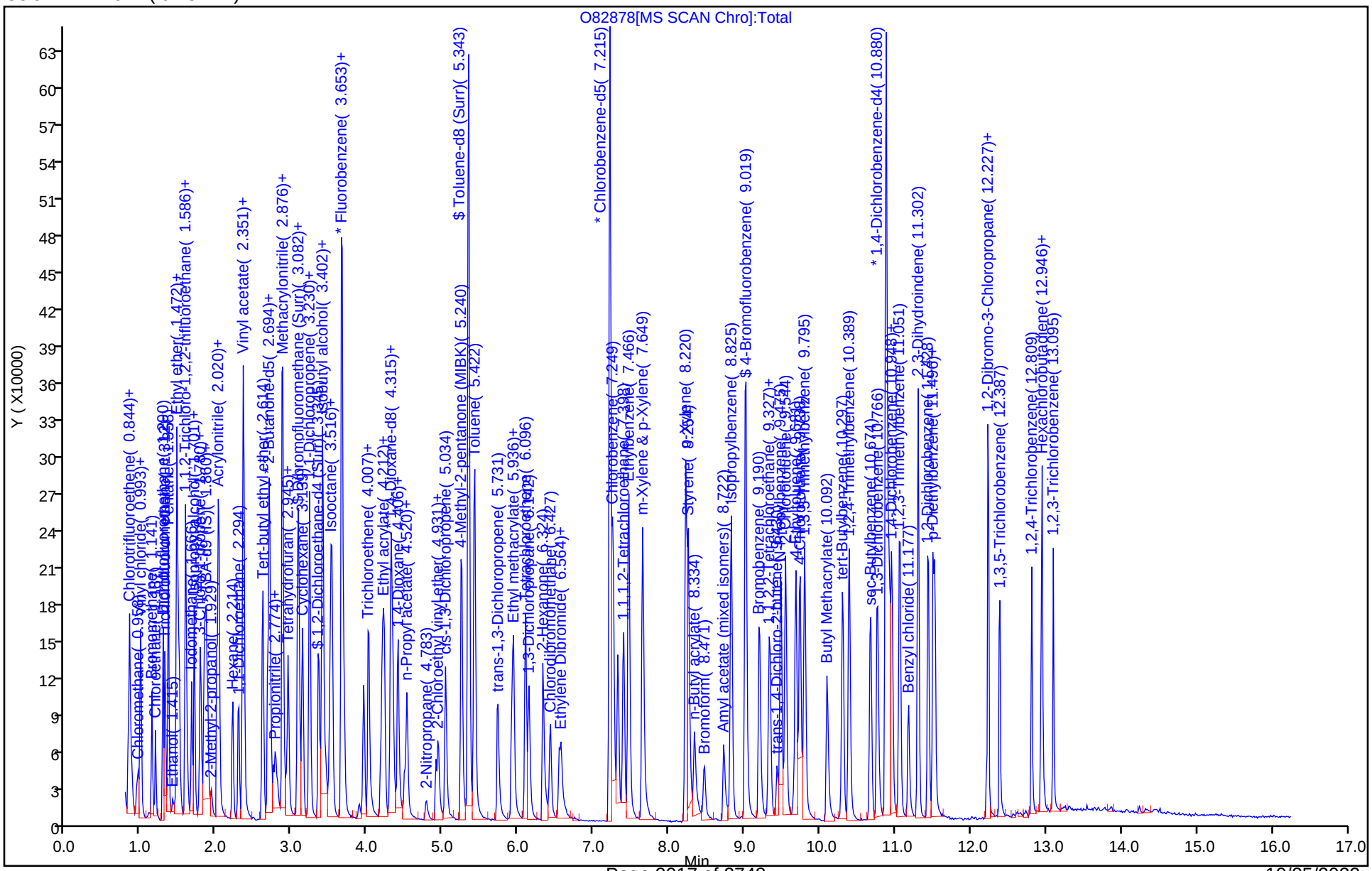
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_12 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.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872711/3 Calibration Date: 10/18/2022 21:36

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82910.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	1.964	2.115		21.5	20.0	7.7	20.0
Dichlorodifluoromethane	Lin2		0.3432	0.1000	21.5	20.0	7.3	20.0
Chlorodifluoromethane	Ave	0.0589	0.0514		17.5	20.0	-12.7	20.0
Chloromethane	Lin2		0.2698	0.1000	20.0	20.0	0.1	20.0
Vinyl chloride	Ave	0.2838	0.2721	0.1000	19.2	20.0	-4.1	20.0
Butadiene	Ave	0.2488	0.2195		17.6	20.0	-11.8	20.0
Bromomethane	Ave	0.2052	0.1920	0.1000	18.7	20.0	-6.5	50.0
Chloroethane	Ave	0.1852	0.1952	0.1000	21.1	20.0	5.4	50.0
Dichlorofluoromethane	Ave	0.4936	0.5044		20.4	20.0	2.2	20.0
Trichlorofluoromethane	Ave	0.4444	0.3732	0.1000	16.8	20.0	-16.0	20.0
Pentane	Ave	0.0462	0.0482		41.7	40.0	4.4	20.0
Ethanol	Ave	0.0889	0.1136		1020	800	27.8	50.0
Ethyl ether	Ave	0.1677	0.1660		19.8	20.0	-1.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2528	0.2244		17.8	20.0	-11.2	20.0
2-Methyl-1,3-butadiene	Ave	0.2028	0.2173		21.4	20.0	7.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3436	0.3080		17.9	20.0	-10.4	20.0
Acrolein	Ave	1.393	1.341		38.5	40.0	-3.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2320	0.2304	0.1000	19.9	20.0	-0.7	20.0
1,1-Dichloroethene	Ave	0.2355	0.2209	0.1000	18.8	20.0	-6.2	20.0
Acetone	Ave	0.2509	0.2153	0.0500	85.8	100	-14.2	50.0
Iodomethane	Ave	0.4088	0.5270		25.8	20.0	28.9*	20.0
Carbon disulfide	Ave	0.7805	0.8832	0.1000	22.6	20.0	13.2	50.0
Isopropyl alcohol	Ave	0.6084	0.5764		189	200	-5.3	50.0
3-Chloro-1-propene	Ave	0.1631	0.1720		21.1	20.0	5.4	20.0
Acetonitrile	QuaF		0.7032		223	200	11.4	20.0
Methyl acetate	Ave	5.988	5.261	0.1000	35.1	40.0	-12.1	20.0
Cyclopentene	Ave	0.5469	0.5001		18.3	20.0	-8.6	20.0
Methylene Chloride	Ave	0.2924	0.3423	0.1000	23.4	20.0	17.1	20.0
2-Methyl-2-propanol	Ave	1.196	1.130		189	200	-5.5	50.0
Acrylonitrile	Ave	0.0577	0.0572		198	200	-0.8	20.0
trans-1,2-Dichloroethene	Ave	0.2656	0.2487	0.1000	18.7	20.0	-6.4	20.0
Methyl tert-butyl ether	Ave	0.6405	0.6468	0.1000	20.2	20.0	1.0	20.0
Hexane	Ave	0.1749	0.2090		23.9	20.0	19.5	20.0
1,1-Dichloroethane	Ave	0.4440	0.4303	0.2000	19.4	20.0	-3.1	20.0
Vinyl acetate	Ave	0.2796	0.8356		120	40.0	198.9*	20.0
2-Chloro-1,3-butadiene	Ave	0.2484	0.2696		21.7	20.0	8.6	20.0
Isopropyl ether	Ave	0.6739	0.7461		22.1	20.0	10.7	20.0
Tert-butyl ethyl ether	Ave	0.7262	0.8179		22.5	20.0	12.6	20.0
2,2-Dichloropropane	Ave	0.0737	0.1009		27.4	20.0	36.8*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872711/3 Calibration Date: 10/18/2022 21:36

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82910.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
cis-1,2-Dichloroethene	Ave	0.2945	0.2807	0.1000	19.1	20.0	-4.7	20.0
2-Butanone (MEK)	Ave	0.3604	0.3774	0.0500	105	100	4.7	50.0
Propionitrile	Ave	1.606	1.933		241	200	20.4*	20.0
Ethyl acetate	Ave	0.3475	0.3825		44.0	40.0	10.1	20.0
Methyl acrylate	Ave	0.1610	0.1536		19.1	20.0	-4.6	20.0
Methacrylonitrile	Ave	0.0695	0.0625		180	200	-10.0	20.0
Chlorobromomethane	Ave	0.1557	0.1523		19.6	20.0	-2.1	20.0
Tetrahydrofuran	Ave	0.7298	0.6493		35.6	40.0	-11.0	20.0
Chloroform	Ave	0.4541	0.4446	0.2000	19.6	20.0	-2.1	20.0
1,1,1-Trichloroethane	Ave	0.4251	0.4169	0.1000	19.6	20.0	-1.9	20.0
Cyclohexane	Ave	0.3137	0.3364	0.1000	21.5	20.0	7.3	50.0
1,1-Dichloropropene	Ave	0.3427	0.3862		22.5	20.0	12.7	20.0
Carbon tetrachloride	Ave	0.3528	0.3240	0.1000	18.4	20.0	-8.2	20.0
Isobutyl alcohol	Ave	0.4079	0.4073		499	500	-0.1	50.0
Benzene	Ave	1.266	1.259	0.5000	19.9	20.0	-0.5	20.0
1,2-Dichloroethane	Ave	0.3345	0.3310	0.1000	19.8	20.0	-1.0	20.0
Isooctane	Ave	0.3706	0.4465		24.1	20.0	20.5*	20.0
Isopropyl acetate	Ave	0.0719	0.0765		21.3	20.0	6.5	20.0
Tert-amyl methyl ether	Ave	0.7326	0.7687		21.0	20.0	4.9	20.0
n-Heptane	Ave	0.1199	0.1546		25.8	20.0	29.0*	20.0
Trichloroethene	Ave	0.3060	0.2994	0.2000	19.6	20.0	-2.2	20.0
n-Butanol	Ave	0.3044	0.2311		380	500	-24.1	50.0
Ethyl acrylate	Lin2		0.4453		21.6	20.0	8.0	20.0
Methylcyclohexane	Ave	0.2662	0.3098	0.1000	23.3	20.0	16.4	50.0
1,2-Dichloropropane	Ave	0.2516	0.2662	0.1000	21.2	20.0	5.8	20.0
Dibromomethane	Ave	0.1616	0.1463		18.1	20.0	-9.4	20.0
1,4-Dioxane	Ave	1.076	1.079		401	400	0.3	50.0
Methyl methacrylate	Ave	0.0640	0.0678		42.4	40.0	6.0	20.0
n-Propyl acetate	Ave	0.2232	0.2170		19.4	20.0	-2.8	20.0
Bromodichloromethane	Ave	0.3387	0.3081	0.2000	18.2	20.0	-9.0	20.0
2-Nitropropane	QuaF		0.0279		23.0	40.0	-42.5*	20.0
2-Chloroethyl vinyl ether	QuaF		0.1455		18.1	20.0	-9.5	20.0
Epichlorohydrin	QuaF		0.3776		489	400	22.3*	20.0
cis-1,3-Dichloropropene	Ave	0.5064	0.4915	0.2000	19.4	20.0	-2.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.900	3.784	0.0500	130	100	30.5	50.0
Toluene	Ave	1.449	1.443	0.4000	19.9	20.0	-0.4	20.0
trans-1,3-Dichloropropene	Ave	0.4358	0.4177	0.1000	19.2	20.0	-4.1	50.0
Ethyl methacrylate	Ave	0.3671	0.3308		18.0	20.0	-9.9	20.0
1,1,2-Trichloroethane	Ave	0.2368	0.2006	0.1000	16.9	20.0	-15.3	20.0
Tetrachloroethene	Ave	0.3354	0.2915	0.2000	17.4	20.0	-13.1	20.0
1,3-Dichloropropane	Ave	0.4838	0.4285		17.7	20.0	-11.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872711/3 Calibration Date: 10/18/2022 21:36

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82910.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-Hexanone	QuaF		2.154	0.0500	105	100	4.8	50.0
Dibromochloromethane	Ave	0.3179	0.2492	0.1000	15.7	20.0	-21.6	50.0
Ethylene Dibromide	Ave	0.3101	0.2750	0.1000	17.7	20.0	-11.3	20.0
n-Butyl acetate	Ave	0.3385	0.2704		16.0	20.0	-20.1*	20.0
Chlorobenzene	Ave	1.053	0.9923	0.5000	18.9	20.0	-5.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3338	0.2889		17.3	20.0	-13.5	20.0
Ethylbenzene	Ave	0.4844	0.4667	0.1000	19.3	20.0	-3.7	20.0
m-Xylene & p-Xylene	Ave	0.6059	0.5569	0.1000	18.4	20.0	-8.1	20.0
o-Xylene	Ave	0.6126	0.5529	0.3000	18.1	20.0	-9.7	20.0
Styrene	Ave	1.008	0.9146	0.3000	18.1	20.0	-9.3	20.0
n-Butyl acrylate	Ave	0.2132	0.1745		16.4	20.0	-18.2	20.0
Bromoform	Ave	0.2048	0.1397	0.1000	13.6	20.0	-31.8*	20.0
Amyl acetate (mixed isomers)	Ave	0.7230	0.6754		18.7	20.0	-6.6	20.0
Isopropylbenzene	Ave	1.280	1.150	0.1000	18.0	20.0	-10.1	20.0
Bromobenzene	Ave	0.7507	0.8136		21.7	20.0	8.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5928	0.7377	0.3000	24.9	20.0	24.5*	20.0
1,2,3-Trichloropropane	Ave	0.5217	0.5641		21.6	20.0	8.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2181	0.2257		20.7	20.0	3.5	20.0
N-Propylbenzene	Ave	2.234	2.500		22.4	20.0	11.9	20.0
2-Chlorotoluene	Ave	1.899	2.151		22.7	20.0	13.3	20.0
4-Ethyltoluene	Ave	2.158	2.251		20.9	20.0	4.3	20.0
4-Chlorotoluene	Ave	1.585	1.643		20.7	20.0	3.7	20.0
1,3,5-Trimethylbenzene	Ave	1.833	1.803		19.7	20.0	-1.7	20.0
Butyl Methacrylate	Ave	0.6708	0.6479		19.3	20.0	-3.4	20.0
tert-Butylbenzene	Ave	1.441	1.426		19.8	20.0	-1.0	20.0
1,2,4-Trimethylbenzene	Ave	1.892	1.898		20.1	20.0	0.3	20.0
sec-Butylbenzene	Ave	1.837	1.828		19.9	20.0	-0.5	20.0
1,3-Dichlorobenzene	Ave	1.242	1.247	0.6000	20.1	20.0	0.4	20.0
1,4-Dichlorobenzene	Ave	1.338	1.277	0.5000	19.1	20.0	-4.5	20.0
4-Isopropyltoluene	Ave	1.564	1.562		20.0	20.0	-0.1	20.0
1,2,3-Trimethylbenzene	Ave	2.104	2.043		19.4	20.0	-2.9	20.0
Benzyl chloride	Ave	0.1890	0.2311		24.5	20.0	22.3	50.0
Indan	Ave	2.289	2.181		19.1	20.0	-4.7	20.0
1,2-Dichlorobenzene	Ave	1.251	1.318	0.4000	21.1	20.0	5.3	20.0
p-Diethylbenzene	Ave	0.8372	0.9244		22.1	20.0	10.4	20.0
n-Butylbenzene	Ave	0.6592	0.8045		24.4	20.0	22.0*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1451	0.1327	0.0500	18.3	20.0	-8.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.683	1.794		21.3	20.0	6.6	20.0
1,3,5-Trichlorobenzene	Ave	0.6288	0.6431		20.5	20.0	2.3	20.0
1,2,4-Trichlorobenzene	Ave	0.5712	0.5958	0.2000	20.9	20.0	4.3	20.0
Hexachlorobutadiene	Ave	0.1987	0.1957		19.7	20.0	-1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872711/3 Calibration Date: 10/18/2022 21:36

Instrument ID: CVOAMS12 Calib Start Date: 10/03/2022 21:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/03/2022 23:44

Lab File ID: O82910.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
Naphthalene	Ave	1.620	2.026		25.0	20.0	25.1	50.0
1,2,3-Trichlorobenzene	Ave	0.5244	0.5473		20.9	20.0	4.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2532	0.2373		46.9	50.0	-6.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2526	0.2320		45.9	50.0	-8.2	20.0
Toluene-d8 (Surr)	Ave	1.257	1.179		46.9	50.0	-6.2	20.0
Bromofluorobenzene	Ave	0.3871	0.3195		41.3	50.0	-17.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82910.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 18-Oct-2022 21:36:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151922-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 10:54:09 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 19-Oct-2022 02:15:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	83	25135	20.0	21.5	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	79722	20.0	21.5	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	96	11940	20.0	17.5	
6 Chloromethane	50	0.959	0.959	0.000	99	62683	20.0	20.0	
7 Vinyl chloride	62	0.981	0.981	0.000	98	63211	20.0	19.2	
8 Butadiene	54	0.993	0.993	0.000	95	50980	20.0	17.6	
9 Bromomethane	94	1.141	1.141	0.000	98	44590	20.0	18.7	
10 Chloroethane	64	1.187	1.187	0.000	99	45352	20.0	21.1	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	117158	20.0	20.4	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	98	86685	20.0	16.8	
13 Pentane	57	1.358	1.358	0.000	97	22391	40.0	41.7	
14 Ethanol	46	1.415	1.415	0.000	95	11621	800.0	1022.6	
15 Ethyl ether	59	1.461	1.461	0.000	88	38558	20.0	19.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	89	52128	20.0	17.8	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	50469	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	95	71539	20.0	17.9	
19 Acrolein	56	1.529	1.529	0.000	28	6857	40.0	38.5	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	95	51308	20.0	18.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	96	53527	20.0	19.9	
22 Acetone	58	1.609	1.609	0.000	87	12792	100.0	85.8	
23 Iodomethane	142	1.666	1.666	0.000	98	122420	20.0	25.8	
24 Isopropyl alcohol	45	1.701	1.701	0.000	27	14736	200.0	189.5	
25 Carbon disulfide	76	1.701	1.701	0.000	99	205162	20.0	22.6	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	94	39948	20.0	21.1	
26 Acetonitrile	38	1.781	1.781	0.000	81	17976	200.0	222.9	
28 Methyl acetate	43	1.803	1.803	0.000	98	26898	40.0	35.1	
29 Cyclopentene	67	1.838	1.838	0.000	94	116162	20.0	18.3	
30 Methylene Chloride	84	1.861	1.861	0.000	85	79521	20.0	23.4	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	127818	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	28875	200.0	188.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.998	1.998	0.000	96	132854	200.0	198.4	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	91	57776	20.0	18.7	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	150243	20.0	20.2	
36 Hexane	57	2.214	2.214	0.000	91	48538	20.0	23.9	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	99954	20.0	19.4	
38 Vinyl acetate	86	2.340	2.340	0.000	99	19858	40.0	119.5	
39 Isopropyl ether	45	2.351	2.351	0.000	82	173308	20.0	22.1	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	72	62636	20.0	21.7	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	90	189989	20.0	22.5	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	148537	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	85	23431	20.0	27.4	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	96	65194	20.0	19.1	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	98	22424	100.0	104.7	
42 Propionitrile	54	2.751	2.751	0.000	97	49421	200.0	240.7	
47 Ethyl acetate	70	2.774	2.774	0.000	99	9091	40.0	44.0	
48 Methyl acrylate	55	2.808	2.808	0.000	99	35677	20.0	19.1	
50 Methacrylonitrile	67	2.865	2.865	0.000	89	145248	200.0	180.0	
49 Chlorobromomethane	128	2.877	2.877	0.000	78	35387	20.0	19.6	
51 Tetrahydrofuran	42	2.922	2.922	0.000	76	15431	40.0	35.6	
52 Chloroform	83	2.945	2.945	0.000	100	103281	20.0	19.6	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	137825	50.0	46.9	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	97	96851	20.0	19.6	
55 Cyclohexane	84	3.139	3.139	0.000	87	78143	20.0	21.5	
56 Carbon tetrachloride	117	3.231	3.231	0.000	97	75274	20.0	18.4	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	98	89702	20.0	22.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	134710	50.0	45.9	
61 Isobutyl alcohol	43	3.379	3.379	0.000	98	26028	500.0	499.3	
59 Benzene	78	3.402	3.402	0.000	95	271181	20.0	19.9	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	99	76897	20.0	19.8	
62 Isooctane	57	3.505	3.505	0.000	95	103729	20.0	24.1	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	17771	20.0	21.3	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	178573	20.0	21.0	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	580729	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	87	35921	20.0	25.8	
67 Trichloroethene	95	4.007	4.007	0.000	97	69541	20.0	19.6	
68 n-Butanol	56	4.041	4.041	0.000	77	14771	500.0	379.6	
69 Ethyl acrylate	55	4.190	4.190	0.000	93	103440	20.0	21.6	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	71961	20.0	23.3	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	61833	20.0	21.2	
* 72 1,4-Dioxane-d8	96	4.327	4.327	0.000	0	33737	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	33994	20.0	18.1	
74 1,4-Dioxane	88	4.395	4.395	0.000	28	14564	400.0	401.3	
75 Methyl methacrylate	100	4.406	4.406	0.000	78	31516	40.0	42.4	
76 n-Propyl acetate	43	4.486	4.486	0.000	96	50399	20.0	19.4	
77 Dichlorobromomethane	83	4.521	4.521	0.000	97	71559	20.0	18.2	
78 2-Nitropropane	41	4.772	4.772	0.000	97	12944	40.0	23.0	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	94	33876	20.0	18.1	
80 Epichlorohydrin	57	4.943	4.943	0.000	99	89736	400.0	489.4	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	90	105825	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	224802	100.0	130.5	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	634591	50.0	46.9	
84 Toluene	91	5.423	5.423	0.000	93	310649	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
85 trans-1,3-Dichloropropene	75	5.719	5.719	0.000	96	89944	20.0	19.2	
86 Ethyl methacrylate	69	5.914	5.914	0.000	87	71235	20.0	18.0	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	43185	20.0	16.9	
88 Tetrachloroethene	166	6.096	6.096	0.000	94	62767	20.0	17.4	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	92259	20.0	17.7	
90 2-Hexanone	43	6.325	6.325	0.000	94	127983	100.0	104.8	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	53651	20.0	15.7	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	59222	20.0	17.7	
92 n-Butyl acetate	43	6.564	6.564	0.000	98	58220	20.0	16.0	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	538301	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	97	213672	20.0	18.9	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	93	62199	20.0	17.3	
97 Ethylbenzene	106	7.466	7.466	0.000	97	100491	20.0	19.3	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	119915	20.0	18.4	
99 o-Xylene	106	8.220	8.220	0.000	95	119061	20.0	18.1	
100 Styrene	104	8.254	8.254	0.000	97	196924	20.0	18.1	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	37565	20.0	16.4	
102 Bromoform	173	8.459	8.459	0.000	95	30088	20.0	13.6	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	69820	20.0	18.7	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	247620	20.0	18.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	171961	50.0	41.3	
106 Bromobenzene	156	9.190	9.190	0.000	98	84104	20.0	21.7	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	76262	20.0	24.9	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	96	58309	20.0	21.6	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	91	23328	20.0	20.7	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	258418	20.0	22.4	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	222338	20.0	22.7	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	232675	20.0	20.9	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	169878	20.0	20.7	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	186331	20.0	19.7	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	66975	20.0	19.3	
116 tert-Butylbenzene	119	10.298	10.298	0.000	95	147460	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	196167	20.0	20.1	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	188928	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	97	128889	20.0	20.1	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	258433	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	132049	20.0	19.1	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	161491	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	211194	20.0	19.4	
124 Benzyl chloride	126	11.177	11.177	0.000	99	23894	20.0	24.5	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	225431	20.0	19.1	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	97	136215	20.0	21.1	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	95555	20.0	22.1	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	83165	20.0	24.4	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	95	13719	20.0	18.3	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	185410	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	66481	20.0	20.5	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	61593	20.0	20.9	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	94	20228	20.0	19.7	
134 Naphthalene	128	12.946	12.946	0.000	99	209442	20.0	25.0	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	97	56576	20.0	20.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	36.4	
S 139 Total BTEX	1				0		100.0	95.5	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Oct-2022 10:54:10 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82910.d

Injection Date: 18-Oct-2022 21:36:30 Instrument ID: CVOAMS12 Operator ID:

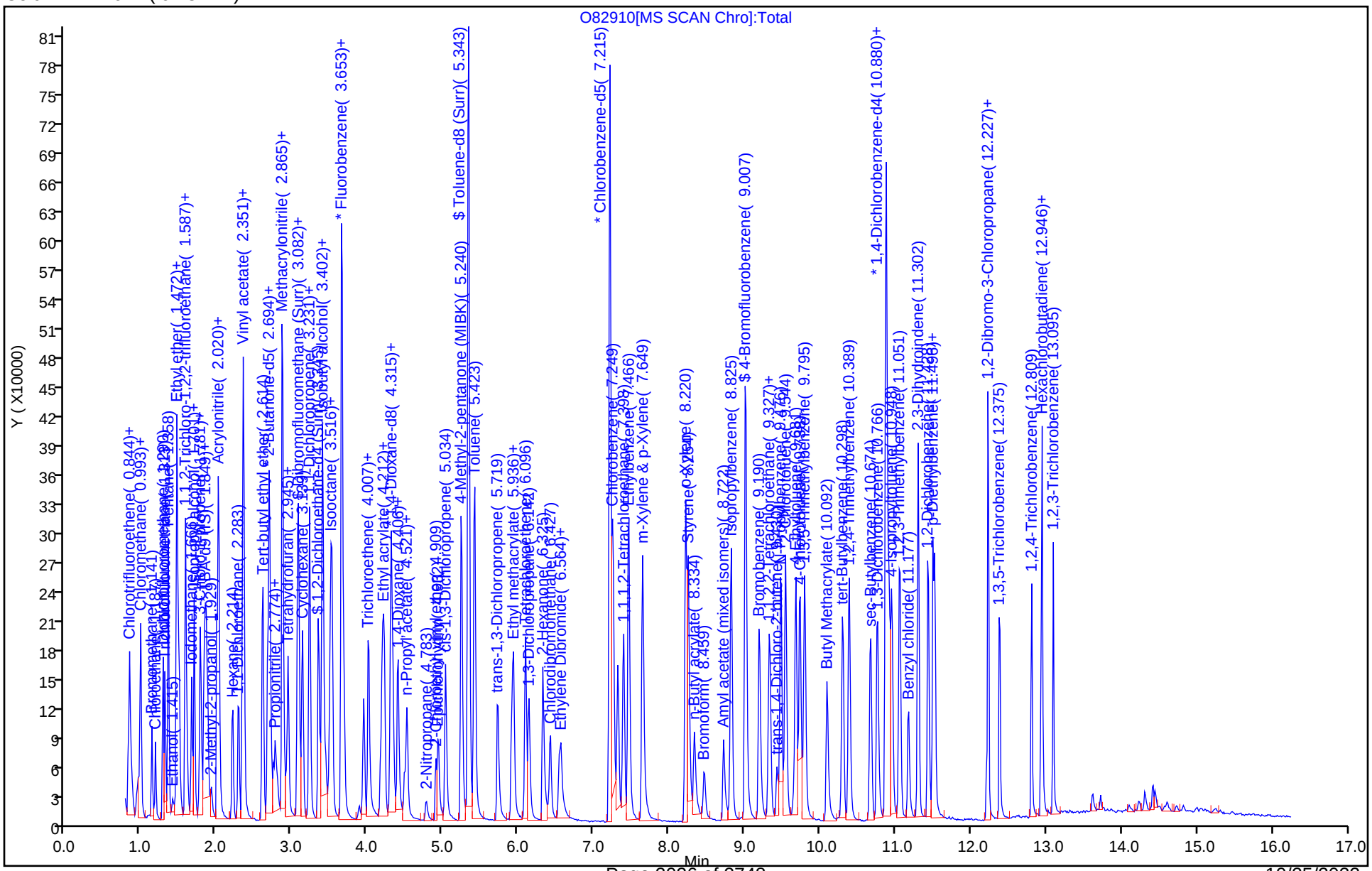
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 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.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-873073/17 Calibration Date: 10/20/2022 19:44

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83001.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	2.562	1.280		9.99	20.0	-50.1*	30.0
Dichlorodifluoromethane	Ave	0.3441	0.2824	0.1000	16.4	20.0	-17.9	30.0
Chlorodifluoromethane	Ave	0.0570	0.0457		16.0	20.0	-19.8	30.0
Chloromethane	Ave	0.2633	0.2199	0.1000	16.7	20.0	-16.5	30.0
Vinyl chloride	Ave	0.2388	0.2422	0.1000	20.3	20.0	1.4	30.0
Butadiene	Ave	0.1835	0.1568		17.1	20.0	-14.5	30.0
Bromomethane	QuaF		0.2220	0.1000	22.9	20.0	14.6	30.0
Chloroethane	Ave	0.1676	0.1527	0.1000	18.2	20.0	-8.9	30.0
Dichlorofluoromethane	Ave	0.4356	0.4019		18.5	20.0	-7.7	30.0
Trichlorofluoromethane	Ave	0.3379	0.3252	0.1000	19.2	20.0	-3.8	30.0
Pentane	Ave	0.0417	0.0395		37.9	40.0	-5.2	30.0
Ethanol	Ave	0.0878	0.0937		854	800	6.8	30.0
Ethyl ether	Ave	0.1398	0.1144		16.4	20.0	-18.2	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1998	0.1733		17.3	20.0	-13.3	30.0
2-Methyl-1,3-butadiene	Ave	0.1803	0.1868		20.7	20.0	3.6	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.2876	0.2487		17.3	20.0	-13.5	30.0
Acrolein	QuaF		1.368		27.4	40.1	-31.6*	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2020	0.1836	0.1000	18.2	20.0	-9.1	30.0
1,1-Dichloroethene	Ave	0.1974	0.1801	0.1000	18.2	20.0	-8.8	30.0
Acetone	Ave	0.2244	0.1946	0.0500	86.7	100	-13.3	30.0
Iodomethane	Ave	0.4049	0.2925		14.4	20.0	-27.8	30.0
Carbon disulfide	Ave	0.7506	0.7238	0.1000	19.3	20.0	-3.6	30.0
Isopropyl alcohol	Ave	0.6343	0.5167		163	200	-18.5	30.0
3-Chloro-1-propene	Ave	0.1433	0.1281		17.9	20.0	-10.6	30.0
Acetonitrile	Ave	0.6933	0.7941		229	200	14.6	30.0
Methyl acetate	Qua2		5.032	0.1000	40.1	40.0	0.2	30.0
Cyclopentene	Ave	0.3949	0.4035		20.4	20.0	2.2	30.0
Methylene Chloride	Ave	0.2762	0.2769	0.1000	20.1	20.0	0.3	30.0
2-Methyl-2-propanol	Ave	1.194	1.074		180	200	-10.1	30.0
Acrylonitrile	QuaF		0.0400		166	200	-16.8	30.0
trans-1,2-Dichloroethene	Ave	0.2254	0.1984	0.1000	17.6	20.0	-12.0	30.0
Methyl tert-butyl ether	Ave	0.5538	0.5023	0.1000	18.1	20.0	-9.3	30.0
Hexane	Ave	0.1811	0.1652		18.2	20.0	-8.8	30.0
1,1-Dichloroethane	Ave	0.3972	0.3458	0.2000	17.4	20.0	-12.9	30.0
Vinyl acetate	Ave	0.7771	0.7738		39.8	40.0	-0.4	30.0
2-Chloro-1,3-butadiene	Ave	0.2266	0.2287		20.2	20.0	0.9	30.0
Isopropyl ether	Ave	0.6118	0.6047		19.8	20.0	-1.2	30.0
Tert-butyl ethyl ether	Ave	0.6643	0.6544		19.7	20.0	-1.5	30.0
2,2-Dichloropropane	Ave	0.0843	0.0690		16.4	20.0	-18.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-873073/17 Calibration Date: 10/20/2022 19:44

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83001.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
cis-1,2-Dichloroethene	Ave	0.2435	0.2097	0.1000	17.2	20.0	-13.9	30.0
2-Butanone (MEK)	Ave	0.3545	0.3371	0.0500	95.1	100	-4.9	30.0
Propionitrile	Lin2		1.869		197	200	-1.3	30.0
Ethyl acetate	Ave	0.3424	0.3381		39.5	40.0	-1.3	30.0
Methyl acrylate	Ave	0.1323	0.1191		18.0	20.0	-10.0	30.0
Methacrylonitrile	Ave	0.0519	0.0511		197	200	-1.4	30.0
Chlorobromomethane	Ave	0.1203	0.1149		19.1	20.0	-4.5	30.0
Tetrahydrofuran	Ave	0.6427	0.6360		39.6	40.0	-1.0	30.0
Chloroform	Ave	0.4005	0.3546	0.2000	17.7	20.0	-11.5	30.0
1,1,1-Trichloroethane	Ave	0.3818	0.3541	0.1000	18.5	20.0	-7.3	30.0
Cyclohexane	Ave	0.2900	0.2851	0.1000	19.7	20.0	-1.7	30.0
1,1-Dichloropropene	Ave	0.3313	0.3118		18.8	20.0	-5.9	30.0
Carbon tetrachloride	Ave	0.2830	0.2690	0.1000	19.0	20.0	-4.9	30.0
Isobutyl alcohol	Ave	0.4517	0.4182		463	500	-7.4	30.0
Benzene	Ave	1.287	1.280	0.5000	19.9	20.0	-0.6	30.0
1,2-Dichloroethane	Ave	0.2894	0.2556	0.1000	17.7	20.0	-11.7	30.0
Isooctane	Ave	0.3753	0.3627		19.3	20.0	-3.3	30.0
Isopropyl acetate	Ave	0.0593	0.0660		22.3	20.0	11.3	30.0
Tert-amyl methyl ether	Ave	0.6439	0.6497		20.2	20.0	0.9	30.0
n-Heptane	Ave	0.1245	0.1228		19.7	20.0	-1.4	30.0
Trichloroethene	Ave	0.2559	0.2384	0.2000	18.6	20.0	-6.9	30.0
n-Butanol	Ave	0.3201	0.2065		323	500	-35.5*	30.0
Ethyl acrylate	Lin2		0.3668		19.1	20.0	-4.5	30.0
Methylcyclohexane	Ave	0.2573	0.2567	0.1000	20.0	20.0	-0.2	30.0
1,2-Dichloropropane	Ave	0.2286	0.2239	0.1000	19.6	20.0	-2.1	30.0
Dibromomethane	Ave	0.1312	0.1217		18.6	20.0	-7.2	30.0
1,4-Dioxane	Ave	1.069	1.161		434	400	8.6	30.0
Methyl methacrylate	Ave	0.0549	0.0591		43.1	40.0	7.7	30.0
n-Propyl acetate	Lin2		0.1953		18.5	20.0	-7.5	30.0
Dichlorobromomethane	Ave	0.2975	0.2757	0.2000	18.5	20.0	-7.3	30.0
2-Nitropropane	Qua2		0.0250		38.2	40.0	-4.6	30.0
2-Chloroethyl vinyl ether	QuaF		0.0932		14.5	20.0	-27.4	30.0
Epichlorohydrin	Ave	0.3491	0.4114		23.6	20.0	17.8	30.0
cis-1,3-Dichloropropene	Ave	0.4929	0.4420	0.2000	17.9	20.0	-10.3	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.941	3.424	0.0500	116	100	16.4	30.0
Toluene	Ave	1.429	1.455	0.4000	20.4	20.0	1.8	30.0
trans-1,3-Dichloropropene	Ave	0.4151	0.4151	0.1000	20.0	20.0	0.0	30.0
Ethyl methacrylate	Ave	0.3240	0.3389		20.9	20.0	4.6	30.0
1,1,2-Trichloroethane	Ave	0.2206	0.2168	0.1000	19.7	20.0	-1.7	30.0
Tetrachloroethene	Ave	0.2762	0.2862	0.2000	20.7	20.0	3.6	30.0
1,3-Dichloropropane	Ave	0.4637	0.4619		19.9	20.0	-0.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-873073/17 Calibration Date: 10/20/2022 19:44

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83001.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-Hexanone	QuaF		2.226	0.0500	113	100	13.5	30.0
Chlorodibromomethane	Ave	0.2812	0.2583	0.1000	18.4	20.0	-8.1	30.0
Ethylene Dibromide	Ave	0.2844	0.2689	0.1000	18.9	20.0	-5.4	30.0
n-Butyl acetate	Lin2		0.3069		19.6	20.0	-2.0	30.0
Chlorobenzene	Ave	0.9454	0.9531	0.5000	20.2	20.0	0.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2781	0.2794		20.1	20.0	0.5	30.0
Ethylbenzene	Ave	0.4662	0.4737	0.1000	20.3	20.0	1.6	30.0
m-Xylene & p-Xylene	Ave	0.5582	0.5848	0.1000	21.0	20.0	4.8	30.0
o-Xylene	Ave	0.5783	0.5608	0.3000	19.4	20.0	-3.0	30.0
Styrene	Ave	0.9102	0.9271	0.3000	20.4	20.0	1.9	30.0
n-Butyl acrylate	Ave	0.1849	0.1699		18.4	20.0	-8.1	30.0
Bromoform	Qua2		0.1366	0.1000	19.6	20.0	-2.0	30.0
Amyl acetate (mixed isomers)	Ave	0.7213	0.6668		18.5	20.0	-7.6	30.0
Isopropylbenzene	Ave	1.190	1.213	0.1000	20.4	20.0	1.9	30.0
Bromobenzene	Ave	0.7549	0.7522		19.9	20.0	-0.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6981	0.6988	0.3000	20.0	20.0	0.1	30.0
1,2,3-Trichloropropane	Ave	0.5468	0.5223		19.1	20.0	-4.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2540	0.2023		15.9	20.0	-20.3	30.0
N-Propylbenzene	Ave	2.477	2.561		20.7	20.0	3.4	30.0
2-Chlorotoluene	Ave	2.138	2.076		19.4	20.0	-2.9	30.0
4-Ethyltoluene	Ave	2.261	2.247		19.9	20.0	-0.6	30.0
4-Chlorotoluene	Ave	1.751	1.701		19.4	20.0	-2.9	30.0
1,3,5-Trimethylbenzene	Ave	1.945	1.951		20.1	20.0	0.3	30.0
Butyl Methacrylate	Qua2		0.6675		20.2	20.0	1.0	30.0
tert-Butylbenzene	Ave	1.493	1.422		19.1	20.0	-4.7	30.0
1,2,4-Trimethylbenzene	Ave	2.012	2.010		20.0	20.0	-0.1	30.0
sec-Butylbenzene	Ave	1.910	1.874		19.6	20.0	-1.8	30.0
1,3-Dichlorobenzene	Ave	1.199	1.195	0.6000	19.9	20.0	-0.3	30.0
1,4-Dichlorobenzene	Ave	1.292	1.271	0.5000	19.7	20.0	-1.7	30.0
4-Isopropyltoluene	Ave	1.650	1.638		19.9	20.0	-0.7	30.0
1,2,3-Trimethylbenzene	Ave	2.163	2.262		20.9	20.0	4.6	30.0
Benzyl chloride	QuaF		0.1699		13.8	20.0	-31.2*	30.0
Indan	Ave	2.285	2.309		20.2	20.0	1.1	30.0
1,2-Dichlorobenzene	Ave	1.198	1.219	0.4000	20.4	20.0	1.8	30.0
p-Diethylbenzene	Ave	0.9624	1.031		21.4	20.0	7.1	30.0
n-Butylbenzene	Ave	0.7635	0.7690		20.1	20.0	0.7	30.0
1,2-Dibromo-3-Chloropropane	Qua2		0.1083	0.0500	18.9	20.0	-5.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.704	1.740		20.4	20.0	2.1	30.0
1,3,5-Trichlorobenzene	Ave	0.5459	0.5813		21.3	20.0	6.5	30.0
1,2,4-Trichlorobenzene	Ave	0.5032	0.5031	0.2000	20.0	20.0	-0.0	30.0
Hexachlorobutadiene	Ave	0.1689	0.1725		20.4	20.0	2.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-873073/17 Calibration Date: 10/20/2022 19:44

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83001.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
Naphthalene	Ave	1.723	1.688		19.6	20.0	-2.0	30.0
1,2,3-Trichlorobenzene	Ave	0.4472	0.4422		19.8	20.0	-1.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2163	0.1983		45.8	50.0	-8.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2311	0.2017		43.6	50.0	-12.7	30.0
Toluene-d8 (Surr)	Ave	1.290	1.270		49.2	50.0	-1.6	30.0
4-Bromofluorobenzene	Ave	0.3154	0.3162		50.1	50.0	0.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O83001.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Oct-2022 19:44:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0152018-017
Operator ID: Instrument ID: CVOAMS12
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:18:32 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:20:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.821	0.822	-0.001	90	12135	20.0	9.99	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	65765	20.0	16.4	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	10650	20.0	16.0	
6 Chloromethane	50	0.947	0.947	0.000	99	51205	20.0	16.7	
7 Vinyl chloride	62	0.981	0.981	0.000	98	56398	20.0	20.3	
8 Butadiene	54	0.993	0.993	0.000	95	36520	20.0	17.1	
9 Bromomethane	94	1.141	1.141	0.000	99	51698	20.0	22.9	M
10 Chloroethane	64	1.187	1.187	0.000	98	35552	20.0	18.2	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	93572	20.0	18.5	
12 Trichlorofluoromethane	101	1.312	1.313	0.000	97	75733	20.0	19.2	
13 Pentane	57	1.358	1.358	0.000	96	18390	40.0	37.9	
14 Ethanol	46	1.415	1.415	0.000	93	7169	800.0	854.2	
15 Ethyl ether	59	1.461	1.461	0.000	85	26631	20.0	16.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	80	40348	20.0	17.3	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	91	43489	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	57900	20.0	17.3	
19 Acrolein	56	1.529	1.529	0.000	94	5237	40.1	27.4	
20 1,1-Dichloroethene	96	1.586	1.587	0.000	97	41936	20.0	18.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.587	0.000	97	42757	20.0	18.2	
22 Acetone	58	1.609	1.609	0.000	87	9228	100.0	86.7	
23 Iodomethane	142	1.666	1.666	0.000	98	68108	20.0	14.4	
25 Carbon disulfide	76	1.701	1.701	0.000	99	168543	20.0	19.3	
24 Isopropyl alcohol	45	1.701	1.701	0.000	25	9880	200.0	162.9	a
26 Acetonitrile	38	1.780	1.781	-0.001	79	15186	200.0	229.1	
27 3-Chloro-1-propene	76	1.780	1.781	-0.001	91	29830	20.0	17.9	
28 Methyl acetate	43	1.803	1.803	0.000	98	19246	40.0	40.1	
29 Cyclopentene	67	1.838	1.838	0.000	94	93959	20.0	20.4	
30 Methylene Chloride	84	1.860	1.861	-0.001	85	64472	20.0	20.1	
* 31 TBA-d9 (IS)	65	1.883	1.872	0.011	99	95613	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	20531	200.0	179.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.997	1.998	-0.001	94	93231	200.0	166.4	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	92	46198	20.0	17.6	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	97	116957	20.0	18.1	
36 Hexane	57	2.214	2.214	0.000	91	38463	20.0	18.2	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	100	80509	20.0	17.4	
38 Vinyl acetate	86	2.340	2.340	0.000	99	14677	40.0	39.8	
39 Isopropyl ether	45	2.351	2.351	0.000	82	140814	20.0	19.8	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	74	53257	20.0	20.2	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	152384	20.0	19.7	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	98	118551	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	89	16068	20.0	16.4	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	97	48840	20.0	17.2	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	100	15987	100.0	95.1	
42 Propionitrile	54	2.751	2.751	0.000	94	35739	200.0	197.5	
47 Ethyl acetate	70	2.785	2.785	0.000	99	6414	40.0	39.5	
48 Methyl acrylate	55	2.808	2.808	0.000	98	27740	20.0	18.0	
50 Methacrylonitrile	67	2.865	2.865	0.000	89	119026	200.0	197.1	
49 Chlorobromomethane	128	2.877	2.877	-0.001	65	26747	20.0	19.1	
51 Tetrahydrofuran	42	2.922	2.922	0.000	88	12064	40.0	39.6	
52 Chloroform	83	2.945	2.945	0.000	99	82579	20.0	17.7	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	115427	50.0	45.8	
54 1,1,1-Trichloroethane	97	3.093	3.094	-0.001	97	82448	20.0	18.5	
55 Cyclohexane	84	3.139	3.139	0.000	87	66391	20.0	19.7	
56 Carbon tetrachloride	117	3.230	3.231	-0.001	97	62647	20.0	19.0	
57 1,1-Dichloropropene	75	3.230	3.231	-0.001	98	72608	20.0	18.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	117420	50.0	43.6	
61 Isobutyl alcohol	43	3.379	3.379	0.000	97	19992	500.0	462.9	
59 Benzene	78	3.402	3.402	0.000	94	228337	20.0	19.9	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	97	59508	20.0	17.7	
62 Isooctane	57	3.504	3.505	-0.001	95	84466	20.0	19.3	
63 Isopropyl acetate	61	3.516	3.516	0.000	97	15373	20.0	22.3	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	95	151280	20.0	20.2	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	582125	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	88	28593	20.0	19.7	
67 Trichloroethene	95	4.007	4.007	0.000	97	55503	20.0	18.6	
68 n-Butanol	56	4.052	4.064	-0.012	83	9872	500.0	322.6	
69 Ethyl acrylate	55	4.189	4.190	-0.001	98	85406	20.0	19.1	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	59763	20.0	20.0	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	92	52126	20.0	19.6	
* 72 1,4-Dioxane-d8	96	4.326	4.338	-0.012	0	26045	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	97	28334	20.0	18.6	
74 1,4-Dioxane	88	4.384	4.384	0.000	87	12092	400.0	434.3	
75 Methyl methacrylate	100	4.406	4.406	0.000	83	27513	40.0	43.1	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	45487	20.0	18.5	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	64200	20.0	18.5	
78 2-Nitropropane	41	4.772	4.772	0.000	99	11627	40.0	38.2	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	94	21696	20.0	14.5	
80 Epichlorohydrin	57	4.954	4.932	0.022	39	3902	20.0	23.6	Ma
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	78849	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	95	162379	100.0	116.4	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	566588	50.0	49.2	
84 Toluene	91	5.422	5.423	-0.001	93	259555	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
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	97	74053	20.0	20.0	
86 Ethyl methacrylate	69	5.913	5.914	-0.001	87	60459	20.0	20.9	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	38671	20.0	19.7	
88 Tetrachloroethene	166	6.096	6.096	0.000	94	51052	20.0	20.7	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	90	82395	20.0	19.9	
90 2-Hexanone	43	6.324	6.325	-0.001	93	105535	100.0	113.5	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	46072	20.0	18.4	
93 Ethylene Dibromide	107	6.541	6.541	0.000	100	47973	20.0	18.9	
92 n-Butyl acetate	43	6.564	6.564	0.000	97	54748	20.0	19.6	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	86	445973	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	97	170022	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	49837	20.0	20.1	
97 Ethylbenzene	106	7.466	7.466	0.000	98	84510	20.0	20.3	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	104320	20.0	21.0	
99 o-Xylene	106	8.220	8.220	0.000	93	100032	20.0	19.4	
100 Styrene	104	8.254	8.254	0.000	96	165385	20.0	20.4	
101 n-Butyl acrylate	73	8.334	8.334	0.000	99	30305	20.0	18.4	
102 Bromoform	173	8.471	8.471	0.000	93	24371	20.0	19.6	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	56721	20.0	18.5	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	216338	20.0	20.4	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	86	141035	50.0	50.1	
106 Bromobenzene	156	9.190	9.190	0.000	98	63983	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	59443	20.0	20.0	
108 1,2,3-Trichloropropane	75	9.338	9.339	-0.001	98	44430	20.0	19.1	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	91	17209	20.0	15.9	
110 N-Propylbenzene	91	9.475	9.476	-0.001	100	217814	20.0	20.7	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	176583	20.0	19.4	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	191174	20.0	19.9	
113 4-Chlorotoluene	91	9.738	9.738	0.000	97	144677	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	165958	20.0	20.1	
115 Butyl Methacrylate	87	10.092	10.092	0.000	88	56783	20.0	20.2	
116 tert-Butylbenzene	119	10.298	10.298	0.000	93	120971	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	170945	20.0	20.0	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	159445	20.0	19.6	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	96	101654	20.0	19.9	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	212655	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	108083	20.0	19.7	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	139351	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	192388	20.0	20.9	
124 Benzyl chloride	126	11.177	11.177	0.000	99	14449	20.0	13.8	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	196450	20.0	20.2	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	95	103702	20.0	20.4	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	87671	20.0	21.4	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	65415	20.0	20.1	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	96	9212	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	147976	20.0	20.4	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	49445	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	42791	20.0	20.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	14675	20.0	20.4	
134 Naphthalene	128	12.946	12.946	0.000	99	143617	20.0	19.6	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	37613	20.0	19.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	34.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	40.3	
S 139 Total BTEX	1				0		100.0	100.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00484	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00142	Amount Added:	4.00	Units: uL	
8260 SP_00159	Amount Added:	20.00	Units: uL	
8FreonsSS_00050	Amount Added:	20.00	Units: uL	
8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:20:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O83001.d

Injection Date: 20-Oct-2022 19:44:30 Instrument ID: CVOAMS12 Operator ID:

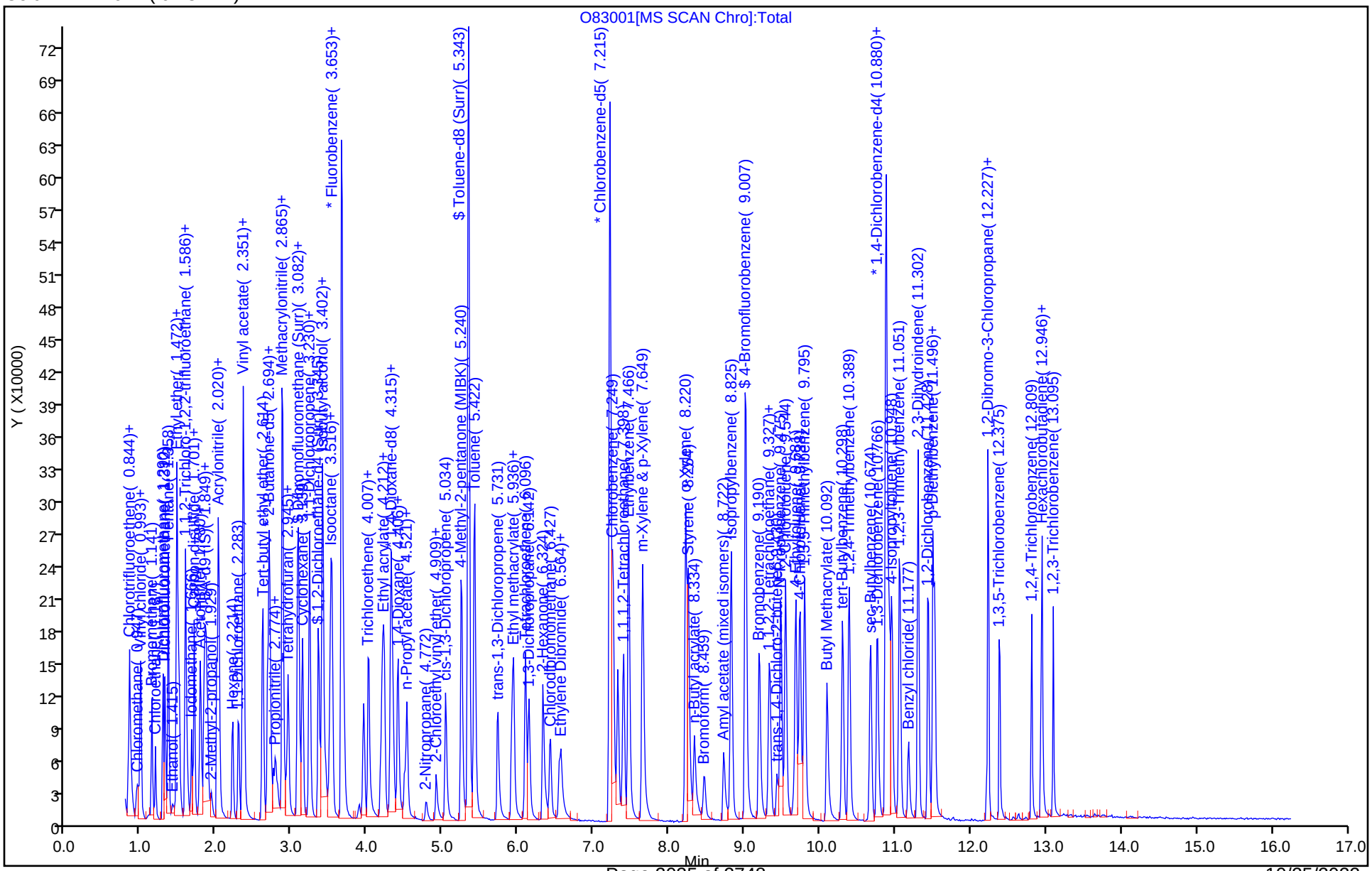
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

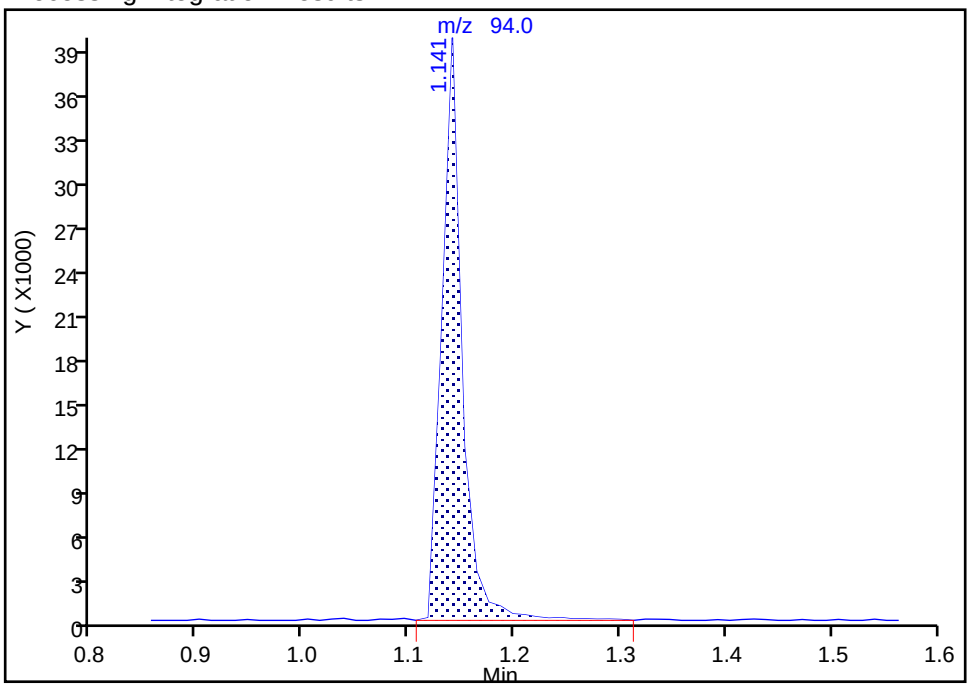
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Injection Date: 20-Oct-2022 19:44:30 Instrument ID: CVOAMS12
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

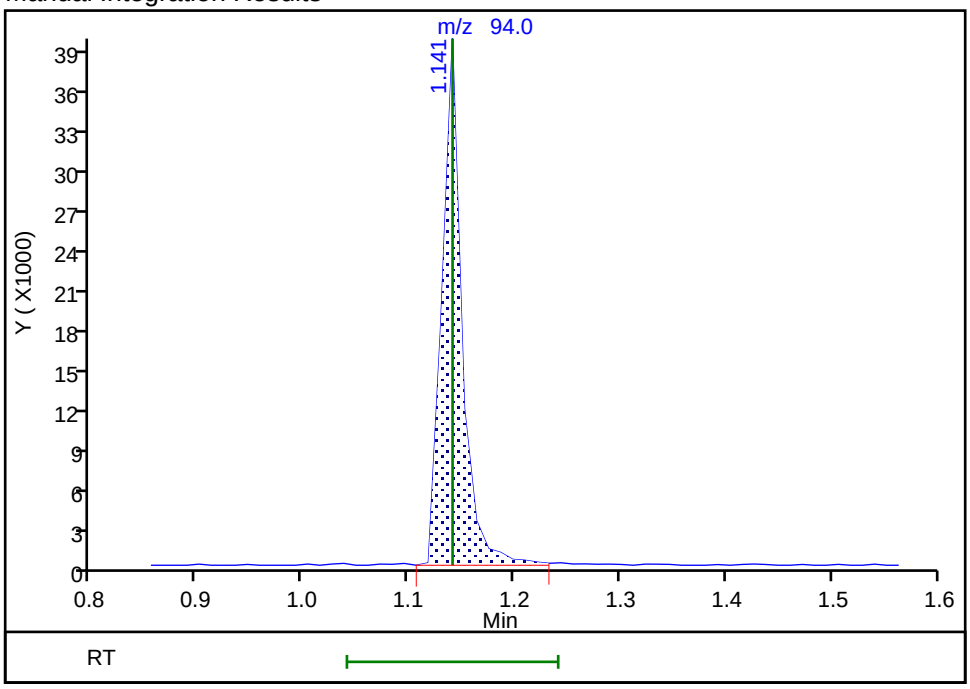
Processing Integration Results

RT: 1.14
Area: 52110
Amount: 32.345987
Amount Units: ug/l



Manual Integration Results

RT: 1.14
Area: 51698
Amount: 22.912592
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 10:17:40
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

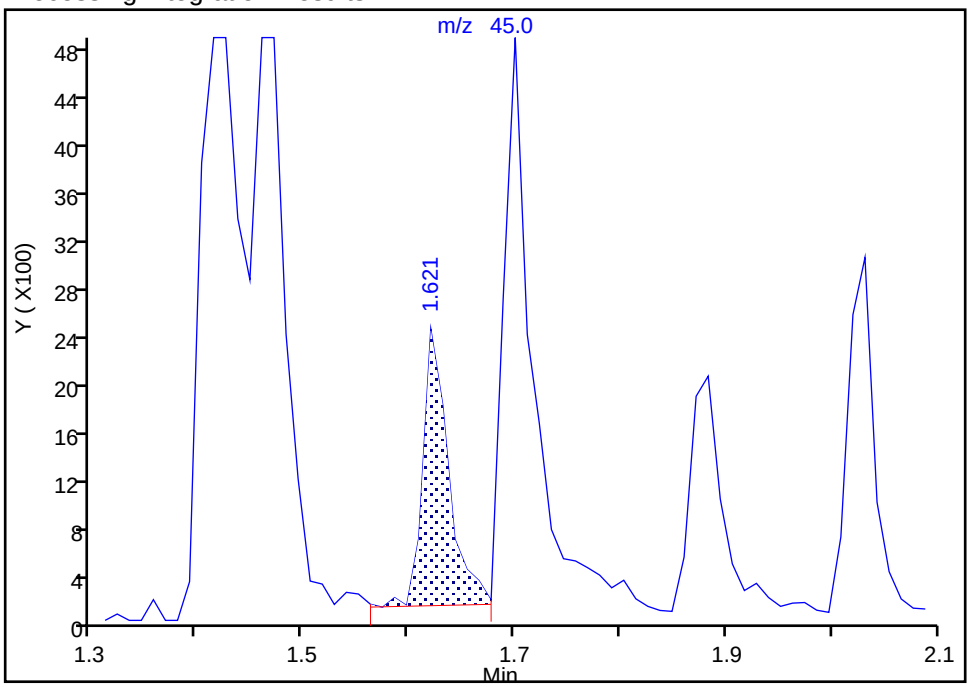
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Injection Date: 20-Oct-2022 19:44:30 Instrument ID: CVOAMS12
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

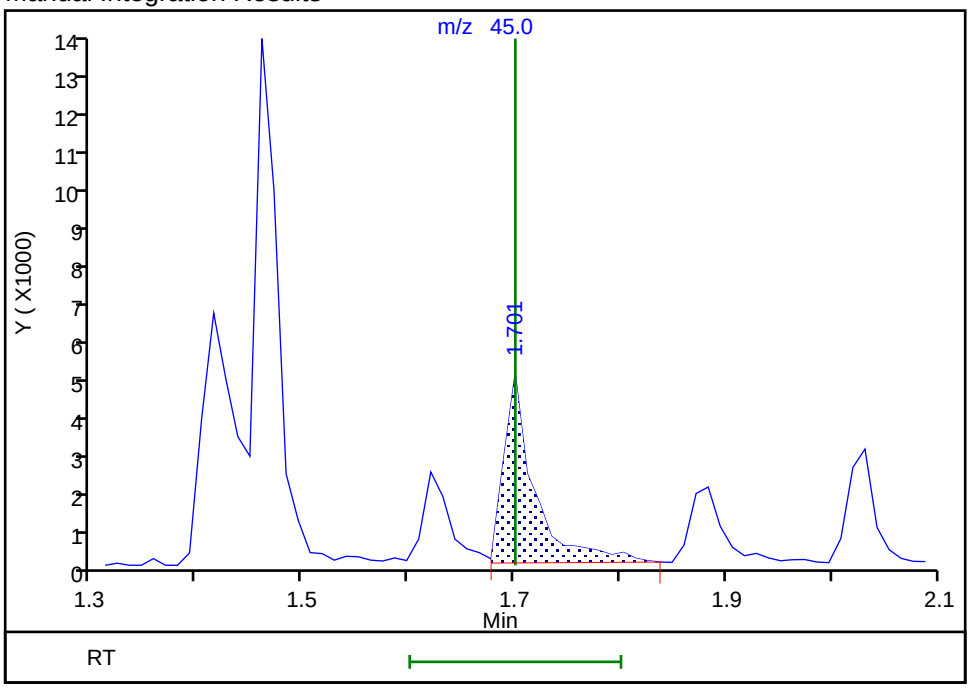
Processing Integration Results

RT: 1.62
Area: 3919
Amount: 68.329145
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 9880
Amount: 162.9023
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 10:17:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

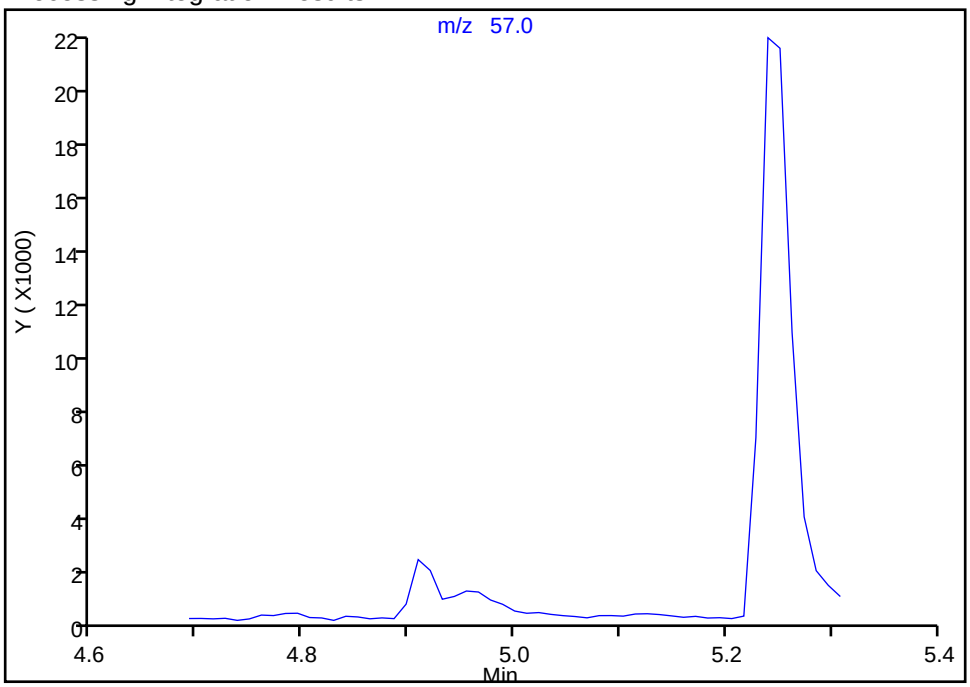
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Injection Date: 20-Oct-2022 19:44:30 Instrument ID: CVOAMS12
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

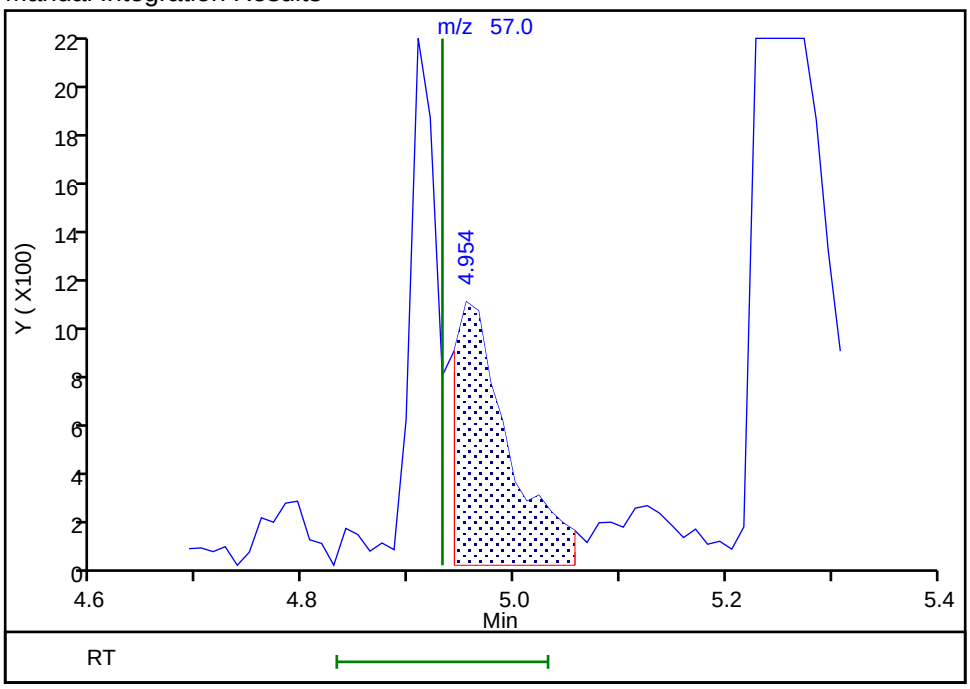
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 3902
Amount: 23.568400
Amount Units: ug/l



Reviewer: NN6A, 21-Oct-2022 10:18:11
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-873205/3 Calibration Date: 10/20/2022 21:28

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83004.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	2.562	2.231		17.4	20.0	-12.9	20.0
Dichlorodifluoromethane	Ave	0.3441	0.3135	0.1000	18.2	20.0	-8.9	20.0
Chlorodifluoromethane	Ave	0.0570	0.0504		17.7	20.0	-11.5	20.0
Chloromethane	Ave	0.2633	0.2440	0.1000	18.5	20.0	-7.3	20.0
Vinyl chloride	Ave	0.2388	0.2304	0.1000	19.3	20.0	-3.5	20.0
Butadiene	Ave	0.1835	0.1739		19.0	20.0	-5.2	20.0
Bromomethane	QuaF		0.2130	0.1000	22.0	20.0	9.8	50.0
Chloroethane	Ave	0.1676	0.1709	0.1000	20.4	20.0	2.0	50.0
Dichlorofluoromethane	Ave	0.4356	0.4368		20.1	20.0	0.3	20.0
Trichlorofluoromethane	Ave	0.3379	0.3238	0.1000	19.2	20.0	-4.2	20.0
Pentane	Ave	0.0417	0.0356		34.2	40.0	-14.4	20.0
Ethanol	Ave	0.0878	0.0975		889	800	11.1	50.0
Ethyl ether	Ave	0.1398	0.1254		17.9	20.0	-10.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1998	0.1753		17.5	20.0	-12.3	20.0
2-Methyl-1,3-butadiene	Ave	0.1803	0.1694		18.8	20.0	-6.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.2876	0.2380		16.6	20.0	-17.2	20.0
Acrolein	QuaF		1.130		22.6	40.0	-43.5	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2020	0.1983	0.1000	19.6	20.0	-1.8	20.0
1,1-Dichloroethene	Ave	0.1974	0.1866	0.1000	18.9	20.0	-5.5	20.0
Acetone	Ave	0.2244	0.2435	0.0500	108	100	8.5	50.0
Iodomethane	Ave	0.4049	0.3632		17.9	20.0	-10.3	20.0
Carbon disulfide	Ave	0.7506	0.7596	0.1000	20.2	20.0	1.2	50.0
Isopropyl alcohol	Ave	0.6343	0.5253		166	200	-17.2	50.0
3-Chloro-1-propene	Ave	0.1433	0.1463		20.4	20.0	2.1	20.0
Acetonitrile	Ave	0.6933	0.7900		228	200	14.0	20.0
Methyl acetate	Qua2		4.942	0.1000	39.4	40.0	-1.5	20.0
Cyclopentene	Ave	0.3949	0.4063		20.6	20.0	2.9	20.0
Methylene Chloride	Ave	0.2762	0.2928	0.1000	21.2	20.0	6.0	20.0
2-Methyl-2-propanol	Ave	1.194	1.161		194	200	-2.8	50.0
Acrylonitrile	QuaF		0.0447		186	200	-7.2	20.0
trans-1,2-Dichloroethene	Ave	0.2254	0.2120	0.1000	18.8	20.0	-6.0	20.0
Methyl tert-butyl ether	Ave	0.5538	0.5572	0.1000	20.1	20.0	0.6	20.0
Hexane	Ave	0.1811	0.1840		20.3	20.0	1.6	20.0
1,1-Dichloroethane	Ave	0.3972	0.3897	0.2000	19.6	20.0	-1.9	20.0
Vinyl acetate	Ave	0.7771	0.9908		51.0	40.0	27.5*	20.0
2-Chloro-1,3-butadiene	Ave	0.2266	0.2298		20.3	20.0	1.4	20.0
Isopropyl ether	Ave	0.6118	0.6518		21.3	20.0	6.5	20.0
Tert-butyl ethyl ether	Ave	0.6643	0.6865		20.7	20.0	3.3	20.0
2,2-Dichloropropane	Ave	0.0843	0.0883		21.0	20.0	4.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-873205/3 Calibration Date: 10/20/2022 21:28

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83004.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
cis-1,2-Dichloroethene	Ave	0.2435	0.2408	0.1000	19.8	20.0	-1.1	20.0
2-Butanone (MEK)	Ave	0.3545	0.3668	0.0500	103	100	3.5	50.0
Propionitrile	Lin2		1.924		203	200	1.6	20.0
Ethyl acetate	Ave	0.3424	0.4023		47.0	40.0	17.5	20.0
Methyl acrylate	Ave	0.1323	0.1380		20.9	20.0	4.3	20.0
Methacrylonitrile	Ave	0.0519	0.0551		212	200	6.1	20.0
Chlorobromomethane	Ave	0.1203	0.1324		22.0	20.0	10.1	20.0
Tetrahydrofuran	Ave	0.6427	0.7001		43.6	40.0	8.9	20.0
Chloroform	Ave	0.4005	0.3964	0.2000	19.8	20.0	-1.0	20.0
1,1,1-Trichloroethane	Ave	0.3818	0.3734	0.1000	19.6	20.0	-2.2	20.0
Cyclohexane	Ave	0.2900	0.2825	0.1000	19.5	20.0	-2.6	50.0
1,1-Dichloropropene	Ave	0.3313	0.3337		20.1	20.0	0.7	20.0
Carbon tetrachloride	Ave	0.2830	0.2829	0.1000	20.0	20.0	-0.0	20.0
Isobutyl alcohol	Ave	0.4517	0.4234		469	500	-6.3	50.0
Benzene	Ave	1.287	1.323	0.5000	20.5	20.0	2.7	20.0
1,2-Dichloroethane	Ave	0.2894	0.2767	0.1000	19.1	20.0	-4.4	20.0
Isooctane	Ave	0.3753	0.3652		19.5	20.0	-2.7	20.0
Isopropyl acetate	Ave	0.0593	0.0649		21.9	20.0	9.4	20.0
Tert-amyl methyl ether	Ave	0.6439	0.6986		21.7	20.0	8.5	20.0
n-Heptane	Ave	0.1245	0.1249		20.1	20.0	0.3	20.0
Trichloroethene	Ave	0.2559	0.2572	0.2000	20.1	20.0	0.5	20.0
n-Butanol	Ave	0.3201	0.2480		387	500	-22.5	50.0
Ethyl acrylate	Lin2		0.3805		19.8	20.0	-1.0	20.0
Methylcyclohexane	Ave	0.2573	0.2627	0.1000	20.4	20.0	2.1	50.0
1,2-Dichloropropane	Ave	0.2286	0.2486	0.1000	21.7	20.0	8.7	20.0
Dibromomethane	Ave	0.1312	0.1364		20.8	20.0	4.0	20.0
1,4-Dioxane	Ave	1.069	1.126		421	400	5.3	50.0
Methyl methacrylate	Ave	0.0549	0.0653		47.6	40.0	19.0	20.0
n-Propyl acetate	Lin2		0.2073		19.6	20.0	-2.0	20.0
Dichlorobromomethane	Ave	0.2975	0.2988	0.2000	20.1	20.0	0.4	20.0
2-Nitropropane	Qua2		0.0305		46.3	40.0	15.7	20.0
2-Chloroethyl vinyl ether	QuaF		0.1231		19.2	20.0	-4.4	20.0
Epichlorohydrin	Ave	0.3491	0.3908		448	400	11.9	20.0
cis-1,3-Dichloropropene	Ave	0.4929	0.5087	0.2000	20.6	20.0	3.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.941	3.810	0.0500	130	100	29.6	50.0
Toluene	Ave	1.429	1.559	0.4000	21.8	20.0	9.1	20.0
trans-1,3-Dichloropropene	Ave	0.4151	0.4584	0.1000	22.1	20.0	10.4	50.0
Ethyl methacrylate	Ave	0.3240	0.3653		22.6	20.0	12.8	20.0
1,1,2-Trichloroethane	Ave	0.2206	0.2350	0.1000	21.3	20.0	6.5	20.0
Tetrachloroethene	Ave	0.2762	0.2917	0.2000	21.1	20.0	5.6	20.0
1,3-Dichloropropane	Ave	0.4637	0.4973		21.4	20.0	7.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-873205/3 Calibration Date: 10/20/2022 21:28

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83004.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-Hexanone	QuaF		2.435	0.0500	124	100	24.2	50.0
Chlorodibromomethane	Ave	0.2812	0.2911	0.1000	20.7	20.0	3.5	50.0
Ethylene Dibromide	Ave	0.2844	0.3052	0.1000	21.5	20.0	7.3	20.0
n-Butyl acetate	Lin2		0.3231		20.6	20.0	3.0	20.0
Chlorobenzene	Ave	0.9454	1.005	0.5000	21.3	20.0	6.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2781	0.2931		21.1	20.0	5.4	20.0
Ethylbenzene	Ave	0.4662	0.5155	0.1000	22.1	20.0	10.6	20.0
m-Xylene & p-Xylene	Ave	0.5582	0.6131	0.1000	22.0	20.0	9.8	20.0
o-Xylene	Ave	0.5783	0.6177	0.3000	21.4	20.0	6.8	20.0
Styrene	Ave	0.9102	1.028	0.3000	22.6	20.0	12.9	20.0
n-Butyl acrylate	Ave	0.1849	0.1731		18.7	20.0	-6.4	20.0
Bromoform	Qua2		0.1493	0.1000	21.4	20.0	6.8	20.0
Amyl acetate (mixed isomers)	Ave	0.7213	0.7698		21.3	20.0	6.7	20.0
Isopropylbenzene	Ave	1.190	1.271	0.1000	21.4	20.0	6.8	20.0
Bromobenzene	Ave	0.7549	0.8088		21.4	20.0	7.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6981	0.7686	0.3000	22.0	20.0	10.1	20.0
1,2,3-Trichloropropane	Ave	0.5468	0.5967		21.8	20.0	9.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2540	0.2604		20.5	20.0	2.5	20.0
N-Propylbenzene	Ave	2.477	2.660		21.5	20.0	7.4	20.0
2-Chlorotoluene	Ave	2.138	2.359		22.1	20.0	10.3	20.0
4-Ethyltoluene	Ave	2.261	2.399		21.2	20.0	6.1	20.0
4-Chlorotoluene	Ave	1.751	1.888		21.6	20.0	7.8	20.0
1,3,5-Trimethylbenzene	Ave	1.945	2.136		22.0	20.0	9.8	20.0
Butyl Methacrylate	Qua2		0.7315		22.1	20.0	10.3	20.0
tert-Butylbenzene	Ave	1.493	1.553		20.8	20.0	4.0	20.0
1,2,4-Trimethylbenzene	Ave	2.012	2.213		22.0	20.0	10.0	20.0
sec-Butylbenzene	Ave	1.910	1.998		20.9	20.0	4.6	20.0
1,3-Dichlorobenzene	Ave	1.199	1.327	0.6000	22.1	20.0	10.6	20.0
1,4-Dichlorobenzene	Ave	1.292	1.394	0.5000	21.6	20.0	7.8	20.0
4-Isopropyltoluene	Ave	1.650	1.760		21.3	20.0	6.6	20.0
1,2,3-Trimethylbenzene	Ave	2.163	2.426		22.4	20.0	12.2	20.0
Benzyl chloride	QuaF		0.2500		20.2	20.0	1.0	50.0
Indan	Ave	2.285	2.519		22.1	20.0	10.3	20.0
1,2-Dichlorobenzene	Ave	1.198	1.367	0.4000	22.8	20.0	14.1	20.0
p-Diethylbenzene	Ave	0.9624	0.9760		20.3	20.0	1.4	20.0
n-Butylbenzene	Ave	0.7635	0.8426		22.1	20.0	10.4	20.0
1,2-Dibromo-3-Chloropropane	Qua2		0.1307	0.0500	22.6	20.0	13.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.704	1.959		23.0	20.0	15.0	20.0
1,3,5-Trichlorobenzene	Ave	0.5459	0.6251		22.9	20.0	14.5	20.0
1,2,4-Trichlorobenzene	Ave	0.5032	0.5645	0.2000	22.4	20.0	12.2	20.0
Hexachlorobutadiene	Ave	0.1689	0.1781		21.1	20.0	5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-873205/3 Calibration Date: 10/20/2022 21:28

Instrument ID: CVOAMS12 Calib Start Date: 10/20/2022 13:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/20/2022 16:23

Lab File ID: O83004.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
Naphthalene	Ave	1.723	1.924		22.3	20.0	11.7	50.0
1,2,3-Trichlorobenzene	Ave	0.4472	0.4988		22.3	20.0	11.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2163	0.2106		48.7	50.0	-2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2311	0.2156		46.7	50.0	-6.7	20.0
Toluene-d8 (Surr)	Ave	1.290	1.291		50.0	50.0	0.0	20.0
4-Bromofluorobenzene	Ave	0.3154	0.3191		50.6	50.0	1.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83004.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Oct-2022 21:28:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:21:58 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:21:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.822	0.822	0.000	88	21681	20.0	17.4	
3 Dichlorodifluoromethane	85	0.845	0.845	0.000	99	72098	20.0	18.2	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	11596	20.0	17.7	
6 Chloromethane	50	0.959	0.959	0.000	99	56118	20.0	18.5	
7 Vinyl chloride	62	0.982	0.982	0.000	97	52983	20.0	19.3	
8 Butadiene	54	0.993	0.993	0.000	95	40001	20.0	19.0	
9 Bromomethane	94	1.141	1.141	0.000	99	48979	20.0	22.0	
10 Chloroethane	64	1.187	1.187	0.000	99	39314	20.0	20.4	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	100456	20.0	20.1	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	98	74476	20.0	19.2	
13 Pentane	57	1.358	1.358	0.000	95	16395	40.0	34.2	
14 Ethanol	46	1.415	1.415	0.000	94	7918	800.0	888.5	
15 Ethyl ether	59	1.461	1.461	0.000	91	28852	20.0	17.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	89	40307	20.0	17.5	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	38950	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	54735	20.0	16.6	
19 Acrolein	56	1.530	1.530	0.000	36	4587	40.0	22.6	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	96	42914	20.0	18.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	95	45615	20.0	19.6	
22 Acetone	58	1.609	1.609	0.000	89	11832	100.0	108.5	
23 Iodomethane	142	1.667	1.667	0.000	98	83538	20.0	17.9	
25 Carbon disulfide	76	1.701	1.701	0.000	99	174705	20.0	20.2	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	10666	200.0	165.6	
26 Acetonitrile	38	1.781	1.781	0.000	84	16041	200.0	227.9	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	93	33642	20.0	20.4	
28 Methyl acetate	43	1.804	1.804	0.000	94	20070	40.0	39.4	
29 Cyclopentene	67	1.838	1.838	0.000	93	93448	20.0	20.6	
30 Methylene Chloride	84	1.861	1.861	0.000	87	67335	20.0	21.2	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	101523	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	23567	200.0	194.5	
33 Acrylonitrile	53	1.998	1.998	0.000	95	102857	200.0	185.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	91	48762	20.0	18.8	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	128140	20.0	20.1	
36 Hexane	57	2.215	2.215	0.000	90	42324	20.0	20.3	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	89623	20.0	19.6	
38 Vinyl acetate	86	2.340	2.340	0.000	99	19260	40.0	51.0	
39 Isopropyl ether	45	2.352	2.352	0.000	82	149907	20.0	21.3	
40 2-Chloro-1,3-butadiene	88	2.352	2.352	0.000	73	52854	20.0	20.3	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	90	157884	20.0	20.7	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	98	121490	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	85	20312	20.0	21.0	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	95	55380	20.0	19.8	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	99	17826	100.0	103.5	
42 Propionitrile	54	2.751	2.751	0.000	97	39076	200.0	203.2	
47 Ethyl acetate	70	2.774	2.774	0.000	99	7820	40.0	47.0	
48 Methyl acrylate	55	2.808	2.808	0.000	99	31732	20.0	20.9	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	126612	200.0	212.3	
49 Chlorobromomethane	128	2.877	2.877	0.000	79	30462	20.0	22.0	
51 Tetrahydrofuran	42	2.922	2.922	0.000	40	13608	40.0	43.6	
52 Chloroform	83	2.945	2.945	0.000	99	91168	20.0	19.8	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	121107	50.0	48.7	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	98	85876	20.0	19.6	
55 Cyclohexane	84	3.139	3.139	0.000	86	64969	20.0	19.5	
56 Carbon tetrachloride	117	3.231	3.231	0.000	97	65056	20.0	20.0	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	97	76745	20.0	20.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	123990	50.0	46.7	
61 Isobutyl alcohol	43	3.379	3.379	0.000	96	21493	500.0	468.7	
59 Benzene	78	3.402	3.402	0.000	94	237959	20.0	20.5	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	97	63636	20.0	19.1	
62 Isooctane	57	3.505	3.505	0.000	95	84001	20.0	19.5	
63 Isopropyl acetate	61	3.516	3.516	0.000	97	14930	20.0	21.9	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	95	160678	20.0	21.7	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	574973	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	84	28728	20.0	20.1	
67 Trichloroethene	95	4.007	4.007	0.000	97	59158	20.0	20.1	
68 n-Butanol	56	4.053	4.053	0.000	85	12591	500.0	387.5	
69 Ethyl acrylate	55	4.190	4.190	0.000	93	87504	20.0	19.8	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	60422	20.0	20.4	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	90	57178	20.0	21.7	
* 72 1,4-Dioxane-d8	96	4.327	4.327	0.000	0	27845	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	95	31377	20.0	20.8	
74 1,4-Dioxane	88	4.384	4.384	0.000	41	12539	400.0	421.2	
75 Methyl methacrylate	100	4.407	4.407	0.000	82	30029	40.0	47.6	
76 n-Propyl acetate	43	4.487	4.487	0.000	96	47678	20.0	19.6	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	68710	20.0	20.1	
78 2-Nitropropane	41	4.772	4.772	0.000	98	14029	40.0	46.3	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	91	28371	20.0	19.2	
80 Epichlorohydrin	57	4.932	4.932	0.000	98	75973	400.0	447.8	
81 cis-1,3-Dichloropropene	75	5.035	5.035	0.000	91	91535	20.0	20.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	93	185153	100.0	129.6	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	580918	50.0	50.0	
84 Toluene	91	5.423	5.423	0.000	93	280591	20.0	21.8	
85 trans-1,3-Dichloropropene	75	5.720	5.720	0.000	97	82473	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	5.914	5.914	0.000	85	65725	20.0	22.6	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	42283	20.0	21.3	
88 Tetrachloroethene	166	6.096	6.096	0.000	93	52482	20.0	21.1	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	92	89471	20.0	21.4	
90 2-Hexanone	43	6.325	6.325	0.000	93	118348	100.0	124.2	
91 Chlorodibromomethane	129	6.427	6.427	0.000	98	52374	20.0	20.7	
93 Ethylene Dibromide	107	6.542	6.542	0.000	97	54923	20.0	21.5	
92 n-Butyl acetate	43	6.564	6.564	0.000	97	58131	20.0	20.6	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	86	449820	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	96	180879	20.0	21.3	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	52739	20.0	21.1	
97 Ethylbenzene	106	7.466	7.466	0.000	98	92751	20.0	22.1	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	110316	20.0	22.0	
99 o-Xylene	106	8.220	8.220	0.000	94	111145	20.0	21.4	
100 Styrene	104	8.254	8.254	0.000	96	184953	20.0	22.6	
101 n-Butyl acrylate	73	8.334	8.334	0.000	99	31150	20.0	18.7	
102 Bromoform	173	8.460	8.460	0.000	92	26859	20.0	21.4	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	64548	20.0	21.3	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	228737	20.0	21.4	
$ 105 4-Bromofluorobenzene	174	9.008	9.008	0.000	85	143533	50.0	50.6	
106 Bromobenzene	156	9.190	9.190	0.000	98	67820	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	96	64451	20.0	22.0	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	97	50034	20.0	21.8	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	90	21832	20.0	20.5	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	223076	20.0	21.5	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	197838	20.0	22.1	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	201200	20.0	21.2	
113 4-Chlorotoluene	91	9.738	9.738	0.000	97	158346	20.0	21.6	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	179099	20.0	22.0	
115 Butyl Methacrylate	87	10.092	10.092	0.000	89	61335	20.0	22.1	
116 tert-Butylbenzene	119	10.298	10.298	0.000	94	130212	20.0	20.8	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	185542	20.0	22.0	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	167503	20.0	20.9	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	95	111251	20.0	22.1	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	209631	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	116856	20.0	21.6	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	147539	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	203419	20.0	22.4	
124 Benzyl chloride	126	11.177	11.177	0.000	99	20960	20.0	20.2	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	211256	20.0	22.1	
126 1,2-Dichlorobenzene	146	11.428	11.428	0.000	95	114600	20.0	22.8	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	81839	20.0	20.3	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	70653	20.0	22.1	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	97	10961	20.0	22.6	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	96	164273	20.0	23.0	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	96	52420	20.0	22.9	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	95	47337	20.0	22.4	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	14933	20.0	21.1	
134 Naphthalene	128	12.946	12.946	0.000	99	161323	20.0	22.3	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	41828	20.0	22.3	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.6	
S 138 Xylenes, Total	100				0		40.0	43.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	107.8	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:22:00 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83004.d

Injection Date: 20-Oct-2022 21:28:30 Instrument ID: CVOAMS12 Operator ID:

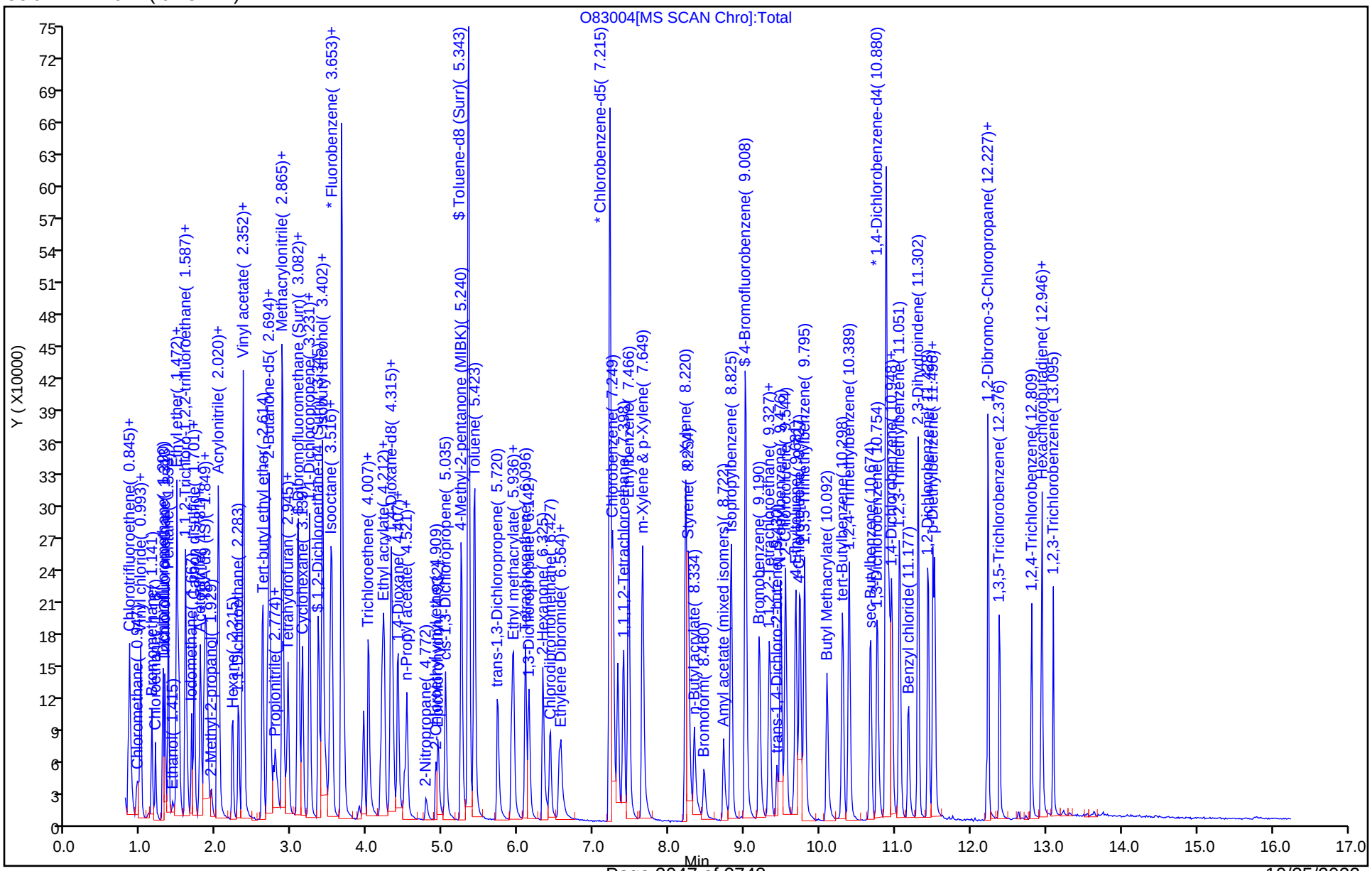
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 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.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-871531/20 Calibration Date: 10/13/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B92959.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0263	0.0144		11.0	20.0	-45.0*	30.0
1,1-Difluoroethane	Ave	0.6354	0.6446		20.3	20.0	1.4	30.0
Chlorodifluoromethane	Ave	0.0457	0.0491		21.5	20.0	7.5	30.0
Dichlorodifluoromethane	Ave	0.3438	0.3389	0.1000	19.7	20.0	-1.4	30.0
Chloromethane	Lin2		0.4292	0.1000	20.8	20.0	3.9	30.0
Butadiene	Ave	0.3172	0.3167		20.0	20.0	-0.1	30.0
Vinyl chloride	Ave	0.2996	0.3578	0.1000	23.9	20.0	19.4	30.0
Bromomethane	Ave	0.1619	0.1930	0.1000	23.8	20.0	19.2	30.0
Chloroethane	Lin2		0.1690	0.1000	22.5	20.0	12.6	30.0
Dichlorofluoromethane	Ave	0.4328	0.4391		20.3	20.0	1.5	30.0
Trichlorofluoromethane	Ave	0.2921	0.3288	0.1000	22.5	20.0	12.6	30.0
Pentane	Ave	0.4622	0.5821		50.4	40.0	26.0	30.0
Ethyl ether	Ave	0.1931	0.1778		18.4	20.0	-7.9	30.0
Ethanol	Ave	0.0417	0.0344		659	800	-17.6	30.0
2-Methyl-1,3-butadiene	Ave	0.2491	0.2832		22.7	20.0	13.7	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1733	0.1952		22.5	20.0	12.6	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3172	0.3365		21.2	20.0	6.1	30.0
Acrolein	Ave	1.036	0.8829		256	300	-14.8	30.0
1,1-Dichloroethene	Ave	0.1874	0.2028	0.1000	21.6	20.0	8.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1961	0.2266	0.1000	23.1	20.0	15.5	30.0
Acetone	Lin2		0.4843	0.0500	94.1	100	-5.9	30.0
Iodomethane	Ave	0.3209	0.3283		20.5	20.0	2.3	30.0
Carbon disulfide	Ave	0.7439	0.8162	0.1000	21.9	20.0	9.7	30.0
Isopropyl alcohol	Ave	0.7219	0.6923		192	200	-4.1	30.0
3-Chloro-1-propene	Ave	0.3677	0.3733		20.3	20.0	1.5	30.0
Methyl acetate	Ave	0.2057	0.1885	0.1000	36.7	40.0	-8.4	30.0
Acetonitrile	Ave	0.7079	0.6287		178	200	-11.2	30.0
Methylene Chloride	Ave	0.2462	0.2341	0.1000	19.0	20.0	-4.9	30.0
2-Methyl-2-propanol	Ave	1.080	0.995		184	200	-7.9	30.0
Acrylonitrile	Ave	3.286	3.047		185	200	-7.3	30.0
trans-1,2-Dichloroethene	Ave	0.2349	0.2416	0.1000	20.6	20.0	2.9	30.0
Methyl tert-butyl ether	Ave	0.7172	0.6778	0.1000	18.9	20.0	-5.5	30.0
Hexane	Ave	0.4531	0.4829		21.3	20.0	6.6	30.0
1,1-Dichloroethane	Ave	0.5278	0.5094	0.2000	19.3	20.0	-3.5	30.0
2-Chloro-1,3-butadiene	Ave	0.2067	0.2245		21.7	20.0	8.6	30.0
Vinyl acetate	Ave	0.2717	0.2484		36.6	40.0	-8.6	30.0
Isopropyl ether	Ave	1.096	1.101		20.1	20.0	0.5	30.0
Tert-butyl ethyl ether	Ave	0.2831	0.2711		19.2	20.0	-4.2	30.0
cis-1,2-Dichloroethene	Ave	0.2616	0.2540	0.1000	19.4	20.0	-2.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-871531/20 Calibration Date: 10/13/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B92959.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1156	0.1208		20.9	20.0	4.5	30.0
2-Butanone (MEK)	Ave	0.1929	0.1832	0.0500	94.9	100	-5.1	30.0
Propionitrile	Ave	0.2808	0.2735		195	200	-2.6	30.0
Ethyl acetate	Ave	2.163	2.162		40.0	40.0	-0.0	30.0
Methyl acrylate	Ave	0.3013	0.2857		19.0	20.0	-5.2	30.0
Chlorobromomethane	Ave	0.1120	0.1066		19.0	20.0	-4.8	30.0
Methacrylonitrile	Ave	0.1005	0.0955		190	200	-4.9	30.0
Tetrahydrofuran	Ave	0.6853	0.7141		41.7	40.0	4.2	30.0
Chloroform	Ave	0.4324	0.4140	0.2000	19.1	20.0	-4.3	30.0
1,1,1-Trichloroethane	Ave	0.3227	0.3395	0.1000	21.0	20.0	5.2	30.0
Cyclohexane	Ave	0.3752	0.4128	0.1000	22.0	20.0	10.0	30.0
1,1-Dichloropropene	Ave	0.3385	0.3486		20.6	20.0	3.0	30.0
Carbon tetrachloride	Ave	0.2631	0.2752	0.1000	20.9	20.0	4.6	30.0
Benzene	Ave	1.551	1.506	0.5000	19.4	20.0	-2.9	30.0
1,2-Dichloroethane	Ave	0.3312	0.3062	0.1000	18.5	20.0	-7.6	30.0
Isobutyl alcohol	Ave	0.3056	0.2826		462	500	-7.5	30.0
Tert-amyl methyl ether	Ave	0.8270	0.7964		19.3	20.0	-3.7	30.0
Isopropyl acetate	Lin2		0.0895		18.6	20.0	-7.1	30.0
n-Heptane	Ave	0.5593	0.6250		22.3	20.0	11.7	30.0
Trichloroethene	Ave	0.2327	0.2187	0.2000	18.8	20.0	-6.0	30.0
n-Butanol	Ave	0.1613	0.1409		437	500	-12.7	30.0
Ethyl acrylate	Ave	0.7331	0.7557		20.6	20.0	3.1	30.0
Methylcyclohexane	Ave	0.4368	0.4729	0.1000	21.7	20.0	8.3	30.0
1,2-Dichloropropane	Ave	0.2942	0.2830	0.1000	19.2	20.0	-3.8	30.0
Dibromomethane	Ave	0.1283	0.1176		18.3	20.0	-8.3	30.0
1,4-Dioxane	QuaF		0.9355		347	400	-13.2	30.0
Methyl methacrylate	Ave	0.0468	0.0425		36.3	40.0	-9.2	30.0
n-Propyl acetate	Ave	0.4000	0.3815		19.1	20.0	-4.6	30.0
Bromodichloromethane	Ave	0.2949	0.2711	0.2000	18.4	20.0	-8.1	30.0
2-Nitropropane	Ave	0.0530	0.0518		39.0	40.0	-2.4	30.0
2-Chloroethyl vinyl ether	Ave	0.1540	0.1269		16.5	20.0	-17.6	30.0
Epichlorohydrin	Ave	0.1817	0.1668		18.4	20.0	-8.2	30.0
cis-1,3-Dichloropropene	Ave	0.5764	0.4951	0.2000	17.2	20.0	-14.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.045	1.901	0.0500	92.9	100	-7.1	30.0
Toluene	Ave	1.478	1.421	0.4000	19.2	20.0	-3.8	30.0
trans-1,3-Dichloropropene	Ave	0.4720	0.4166	0.1000	17.6	20.0	-11.8	30.0
1,1,2-Trichloroethane	Ave	0.2402	0.2174	0.1000	18.1	20.0	-9.5	30.0
Ethyl methacrylate	Ave	0.2729	0.2423		17.8	20.0	-11.2	30.0
Tetrachloroethene	Ave	0.2981	0.3094	0.2000	20.8	20.0	3.8	30.0
1,3-Dichloropropane	Ave	0.5058	0.4652		18.4	20.0	-8.0	30.0
2-Hexanone	Ave	1.287	1.239	0.0500	96.3	100	-3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-871531/20 Calibration Date: 10/13/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B92959.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromochloromethane	Ave	0.2674	0.2389	0.1000	17.9	20.0	-10.6	30.0
Ethylene Dibromide	Ave	0.2614	0.2301	0.1000	17.6	20.0	-12.0	30.0
n-Butyl acetate	Ave	0.6308	0.5818		18.4	20.0	-7.8	30.0
Chlorobenzene	Ave	0.8626	0.8217	0.5000	19.1	20.0	-4.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2888	0.2740		19.0	20.0	-5.1	30.0
Ethylbenzene	Ave	0.4708	0.4725	0.1000	20.1	20.0	0.4	30.0
m-Xylene & p-Xylene	Ave	0.5631	0.5584	0.1000	19.8	20.0	-0.8	30.0
o-Xylene	Ave	0.5576	0.5394	0.3000	19.3	20.0	-3.3	30.0
Styrene	Ave	0.9084	0.8730	0.3000	19.2	20.0	-3.9	30.0
n-Butyl acrylate	Ave	0.2276	0.2067		18.2	20.0	-9.2	30.0
Bromoform	Ave	0.1636	0.1443	0.1000	17.7	20.0	-11.7	30.0
Amyl acetate (mixed isomers)	Ave	1.269	1.193		18.8	20.0	-6.0	30.0
Isopropylbenzene	Ave	1.443	1.479	0.1000	20.5	20.0	2.5	30.0
Bromobenzene	Ave	0.6474	0.6079		18.8	20.0	-6.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7193	0.7003	0.3000	19.5	20.0	-2.6	30.0
1,2,3-Trichloropropane	Lin2		0.1650		19.3	20.0	-3.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2312	0.2200		19.0	20.0	-4.9	30.0
N-Propylbenzene	Ave	0.7147	0.7510		21.0	20.0	5.1	30.0
2-Chlorotoluene	Ave	0.6247	0.6163		19.7	20.0	-1.4	30.0
4-Ethyltoluene	Ave	2.697	2.716		20.1	20.0	0.7	30.0
4-Chlorotoluene	Ave	2.148	2.124		19.8	20.0	-1.1	30.0
1,3,5-Trimethylbenzene	Ave	2.269	2.257		19.9	20.0	-0.5	30.0
Butyl Methacrylate	Ave	0.6967	0.6320		18.1	20.0	-9.3	30.0
tert-Butylbenzene	Ave	1.779	1.731		19.5	20.0	-2.7	30.0
1,2,4-Trimethylbenzene	Ave	2.336	2.329		19.9	20.0	-0.3	30.0
sec-Butylbenzene	Ave	2.893	2.981		20.6	20.0	3.0	30.0
1,3-Dichlorobenzene	Ave	1.247	1.186	0.6000	19.0	20.0	-4.9	30.0
1,4-Dichlorobenzene	Ave	1.294	1.225	0.5000	18.9	20.0	-5.3	30.0
4-Isopropyltoluene	Ave	2.462	2.531		20.6	20.0	2.8	30.0
1,2,3-Trimethylbenzene	Ave	2.484	2.433		19.6	20.0	-2.0	30.0
Benzyl chloride	Ave	0.2064	0.1895		18.4	20.0	-8.2	30.0
Indan	Ave	0.8175	0.8269		20.2	20.0	1.2	30.0
1,2-Dichlorobenzene	Ave	1.248	1.190	0.4000	19.1	20.0	-4.6	30.0
p-Diethylbenzene	Ave	1.333	1.602		24.0	20.0	20.2	30.0
n-Butylbenzene	Ave	1.443	1.585		22.0	20.0	9.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1343	0.1092	0.0500	16.3	20.0	-18.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.307	2.348		20.4	20.0	1.8	30.0
1,3,5-Trichlorobenzene	Ave	1.036	1.007		19.4	20.0	-2.8	30.0
1,2,4-Trichlorobenzene	Ave	0.9504	0.9171	0.2000	19.3	20.0	-3.5	30.0
Hexachlorobutadiene	Ave	0.4562	0.4567		20.0	20.0	0.1	30.0
Naphthalene	Ave	2.244	2.036		18.1	20.0	-9.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-871531/20 Calibration Date: 10/13/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B92959.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.9040	0.8258		18.3	20.0	-8.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2374	0.2309		48.6	50.0	-2.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2986	0.2900		48.6	50.0	-2.9	30.0
Toluene-d8 (Surr)	Ave	1.504	1.470		48.9	50.0	-2.3	30.0
Bromofluorobenzene	Ave	0.7313	0.6873		47.0	50.0	-6.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92959.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 13-Oct-2022 04:40:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0151643-020
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 17:21:58 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: NN6A Date: 13-Oct-2022 17:21:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.795	0.794	0.001	27	3816	20.0	11.0	M
2 1,1-Difluoroethane	51	0.849	0.874	-0.025	98	170262	20.0	20.3	
3 Dichlorodifluoromethane	85	0.868	0.886	-0.018	95	89519	20.0	19.7	
4 Chlorodifluoromethane	67	0.868	0.886	-0.018	95	12977	20.0	21.5	a
5 Chloromethane	50	0.977	0.990	-0.013	99	113365	20.0	20.8	M
7 Vinyl chloride	62	1.032	1.044	-0.012	97	94503	20.0	23.9	
6 Butadiene	54	1.026	1.050	-0.024	96	83659	20.0	20.0	
8 Bromomethane	94	1.221	1.239	-0.018	98	50987	20.0	23.8	
9 Chloroethane	64	1.252	1.264	-0.012	99	44644	20.0	22.5	
10 Dichlorofluoromethane	67	1.386	1.404	-0.018	98	115980	20.0	20.3	
12 Pentane	43	1.429	1.441	-0.012	97	307512	40.0	50.4	
11 Trichlorofluoromethane	101	1.423	1.447	-0.025	45	86854	20.0	22.5	
13 Ethyl ether	59	1.563	1.581	-0.018	87	46975	20.0	18.4	
15 2-Methyl-1,3-butadiene	53	1.575	1.587	-0.012	97	74816	20.0	22.7	
14 Ethanol	46	1.569	1.617	-0.048	84	12111	800.0	659.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.599	1.624	-0.025	88	51555	20.0	22.5	a
18 Acrolein	56	1.654	1.660	-0.006	94	116718	300.4	255.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.642	1.666	-0.024	90	88879	20.0	21.2	a
19 1,1-Dichloroethene	96	1.703	1.721	-0.018	93	53570	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.746	1.758	-0.012	97	59849	20.0	23.1	
21 Acetone	43	1.764	1.776	-0.012	85	92218	100.0	94.1	
22 Iodomethane	142	1.800	1.819	-0.019	98	86725	20.0	20.5	
23 Carbon disulfide	76	1.837	1.861	-0.024	100	215598	20.0	21.9	
24 Isopropyl alcohol	45	1.904	1.910	-0.006	23	60934	200.0	191.8	M
25 3-Chloro-1-propene	39	1.953	1.965	-0.012	94	98599	20.0	20.3	
26 Methyl acetate	43	1.983	1.995	-0.012	99	99576	40.0	36.7	
27 Acetonitrile	39	2.002	2.014	-0.012	38	55339	200.0	177.6	a
28 Methylene Chloride	84	2.044	2.056	-0.012	96	61848	20.0	19.0	
* 29 TBA-d9 (IS)	65	2.160	2.166	-0.006	0	440099	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.233	2.233	0.000	91	87590	200.0	184.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.239	2.251	-0.012	95	268167	200.0	185.4	
32 trans-1,2-Dichloroethene	96	2.239	2.258	-0.019	95	63825	20.0	20.6	
33 Methyl tert-butyl ether	73	2.282	2.294	-0.012	97	179036	20.0	18.9	
34 Hexane	57	2.465	2.483	-0.018	94	127556	20.0	21.3	
35 1,1-Dichloroethane	63	2.575	2.593	-0.018	99	134562	20.0	19.3	
36 Vinyl acetate	86	2.654	2.666	-0.012	100	18923	40.0	36.6	
37 2-Chloro-1,3-butadiene	88	2.654	2.666	-0.012	62	59308	20.0	21.7	
38 Isopropyl ether	45	2.684	2.690	-0.006	91	290907	20.0	20.1	
39 Tert-butyl ethyl ether	87	2.995	3.014	-0.019	87	71604	20.0	19.2	
* 40 2-Butanone-d5	46	3.087	3.099	-0.012	0	476066	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.093	3.099	-0.006	53	67085	20.0	19.4	
42 2,2-Dichloropropane	79	3.099	3.105	-0.006	79	31900	20.0	20.9	
43 2-Butanone (MEK)	72	3.148	3.160	-0.012	99	34878	100.0	94.9	
44 Propionitrile	54	3.197	3.202	-0.005	96	104167	200.0	194.8	
45 Ethyl acetate	43	3.221	3.227	-0.006	98	164714	40.0	40.0	
62 Methyl acrylate	55	3.233	3.245	-0.012	98	75467	20.0	19.0	
46 Chlorobromomethane	128	3.312	3.324	-0.012	89	28152	20.0	19.0	
47 Methacrylonitrile	67	3.331	3.343	-0.012	96	252387	200.0	190.1	
48 Tetrahydrofuran	42	3.398	3.410	-0.012	73	54395	40.0	41.7	
49 Chloroform	83	3.416	3.422	-0.006	97	109350	20.0	19.1	
$ 50 Dibromofluoromethane (Surr)	113	3.575	3.587	-0.012	96	152459	50.0	48.6	
51 1,1,1-Trichloroethane	97	3.581	3.593	-0.012	67	89678	20.0	21.0	
52 Cyclohexane	84	3.635	3.635	0.000	96	109047	20.0	22.0	
53 Carbon tetrachloride	117	3.751	3.757	-0.006	74	72690	20.0	20.9	
54 1,1-Dichloropropene	75	3.751	3.757	-0.006	91	92073	20.0	20.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.922	-0.006	0	191501	50.0	48.6	
56 Benzene	78	3.971	3.977	-0.006	98	264545	20.0	19.4	
57 1,2-Dichloroethane	62	4.007	4.013	-0.006	95	80876	20.0	18.5	
58 Isobutyl alcohol	42	4.038	4.044	-0.006	92	62181	500.0	462.3	M
59 Tert-amyl methyl ether	73	4.160	4.166	-0.006	96	210359	20.0	19.3	
73 Isopropyl acetate	61	4.166	4.178	-0.012	95	23640	20.0	18.6	
* 60 Fluorobenzene	96	4.306	4.312	-0.006	97	660365	50.0	50.0	
61 n-Heptane	43	4.343	4.355	-0.012	97	165080	20.0	22.3	
63 Trichloroethene	95	4.745	4.757	-0.012	96	57757	20.0	18.8	
64 n-Butanol	43	4.843	4.855	-0.012	96	30997	500.0	436.6	
65 Methylcyclohexane	83	4.977	4.983	-0.006	83	124927	20.0	21.7	
66 Ethyl acrylate	55	4.977	4.983	-0.006	95	199614	20.0	20.6	
67 1,2-Dichloropropane	63	5.025	5.031	-0.006	91	74750	20.0	19.2	
68 Dibromomethane	93	5.172	5.178	-0.006	37	31072	20.0	18.3	
* 69 1,4-Dioxane-d8	96	5.227	5.214	0.013	0	29621	1000.0	1000.0	
71 Methyl methacrylate	100	5.294	5.300	-0.006	95	22475	40.0	36.3	
70 1,4-Dioxane	88	5.288	5.312	-0.024	77	11084	400.0	347.1	
81 n-Propyl acetate	43	5.410	5.415	-0.005	99	100760	20.0	19.1	
72 Dichlorobromomethane	83	5.428	5.434	-0.006	98	71604	20.0	18.4	
74 2-Nitropropane	41	5.769	5.781	-0.012	99	27342	40.0	39.0	
75 2-Chloroethyl vinyl ether	63	5.928	5.934	-0.006	94	33529	20.0	16.5	
76 Epichlorohydrin	57	5.964	5.976	-0.012	23	6354	20.0	18.4	Ma
77 cis-1,3-Dichloropropene	75	6.086	6.086	0.000	97	86962	20.0	17.2	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.403	-0.006	97	361929	100.0	92.9	
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	97	645413	50.0	48.9	
80 Toluene	91	6.562	6.562	0.000	93	249683	20.0	19.2	
82 trans-1,3-Dichloropropene	75	6.988	6.988	0.000	96	73172	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
84 Ethyl methacrylate	69	7.263	7.257	0.006	94	63998	20.0	17.8	
83 1,1,2-Trichloroethane	83	7.257	7.263	-0.006	92	38189	20.0	18.1	
85 Tetrachloroethene	166	7.421	7.427	-0.006	94	54348	20.0	20.8	
86 1,3-Dichloropropane	76	7.519	7.525	-0.006	98	81710	20.0	18.4	
87 2-Hexanone	43	7.805	7.799	0.006	99	236026	100.0	96.3	
88 Chlorodibromomethane	129	7.885	7.885	0.001	97	41969	20.0	17.9	
89 Ethylene Dibromide	107	8.019	8.013	0.006	99	40418	20.0	17.6	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	102198	20.0	18.4	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	439153	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	91	144335	20.0	19.1	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	93	48129	20.0	19.0	
94 Ethylbenzene	106	9.201	9.201	0.000	99	83007	20.0	20.1	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	98094	20.0	19.8	
96 o-Xylene	106	10.079	10.073	0.006	93	94751	20.0	19.3	
97 Styrene	104	10.116	10.110	0.006	94	153345	20.0	19.2	
98 n-Butyl acrylate	73	10.244	10.244	0.000	94	36310	20.0	18.2	
99 Bromoform	173	10.348	10.347	0.001	95	25354	20.0	17.7	
101 Amyl acetate (mixed isomers)	43	10.665	10.664	0.001	87	114074	20.0	18.8	
102 Isopropylbenzene	105	10.732	10.732	0.000	97	259777	20.0	20.5	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	85	164244	50.0	47.0	
104 Bromobenzene	156	11.104	11.103	0.001	93	58105	20.0	18.8	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.280	0.006	94	66937	20.0	19.5	
105 1,2,3-Trichloropropane	110	11.286	11.280	0.006	85	15773	20.0	19.3	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	77	21030	20.0	19.0	
108 N-Propylbenzene	120	11.408	11.408	0.000	99	71784	20.0	21.0	
109 2-Chlorotoluene	126	11.469	11.463	0.006	97	58912	20.0	19.7	
110 4-Ethyltoluene	105	11.610	11.609	0.001	98	259657	20.0	20.1	
111 4-Chlorotoluene	91	11.658	11.658	0.000	98	203029	20.0	19.8	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	93	215776	20.0	19.9	
100 Butyl Methacrylate	87	12.079	12.079	0.000	95	60413	20.0	18.1	
113 tert-Butylbenzene	119	12.292	12.286	0.006	91	165512	20.0	19.5	
114 1,2,4-Trimethylbenzene	105	12.390	12.384	0.006	98	222600	20.0	19.9	
115 sec-Butylbenzene	105	12.707	12.707	0.000	99	284916	20.0	20.6	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	93	113378	20.0	19.0	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.884	0.000	97	238974	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.914	12.908	0.006	95	117130	20.0	18.9	
119 4-Isopropyltoluene	119	12.945	12.944	0.001	97	241898	20.0	20.6	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	232585	20.0	19.6	
121 Benzyl chloride	126	13.103	13.103	0.000	97	18116	20.0	18.4	
122 2,3-Dihydroindene	117	13.201	13.201	0.000	94	218419	20.0	20.2	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	93	113789	20.0	19.1	
124 p-Diethylbenzene	119	13.353	13.347	0.006	91	153163	20.0	24.0	
125 n-Butylbenzene	92	13.365	13.365	0.000	97	151465	20.0	22.0	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	87	10443	20.0	16.3	
127 1,2,4,5-Tetramethylbenzene	119	13.944	13.938	0.006	97	224470	20.0	20.4	
128 1,3,5-Trichlorobenzene	180	14.072	14.066	0.006	95	96296	20.0	19.4	
129 1,2,4-Trichlorobenzene	180	14.444	14.444	0.000	93	87662	20.0	19.3	
130 Hexachlorobutadiene	225	14.560	14.554	0.006	93	43657	20.0	20.0	
131 Naphthalene	128	14.578	14.572	0.006	99	194600	20.0	18.1	
132 1,2,3-Trichlorobenzene	180	14.713	14.706	0.007	96	78940	20.0	18.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 134 1,3-Dichloropropene, Total	100				0		40.0	34.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	39.2	
S 136 Total BTEX	1				0		100.0	97.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00142	Amount Added:	3.00	Units: uL	
GAS C SP_00483	Amount Added:	2.00	Units: uL	
8260 SP_00159	Amount Added:	2.00	Units: uL	
8FreonsSS_00050	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Oct-2022 17:21:59 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92959.D

Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2 Operator ID:

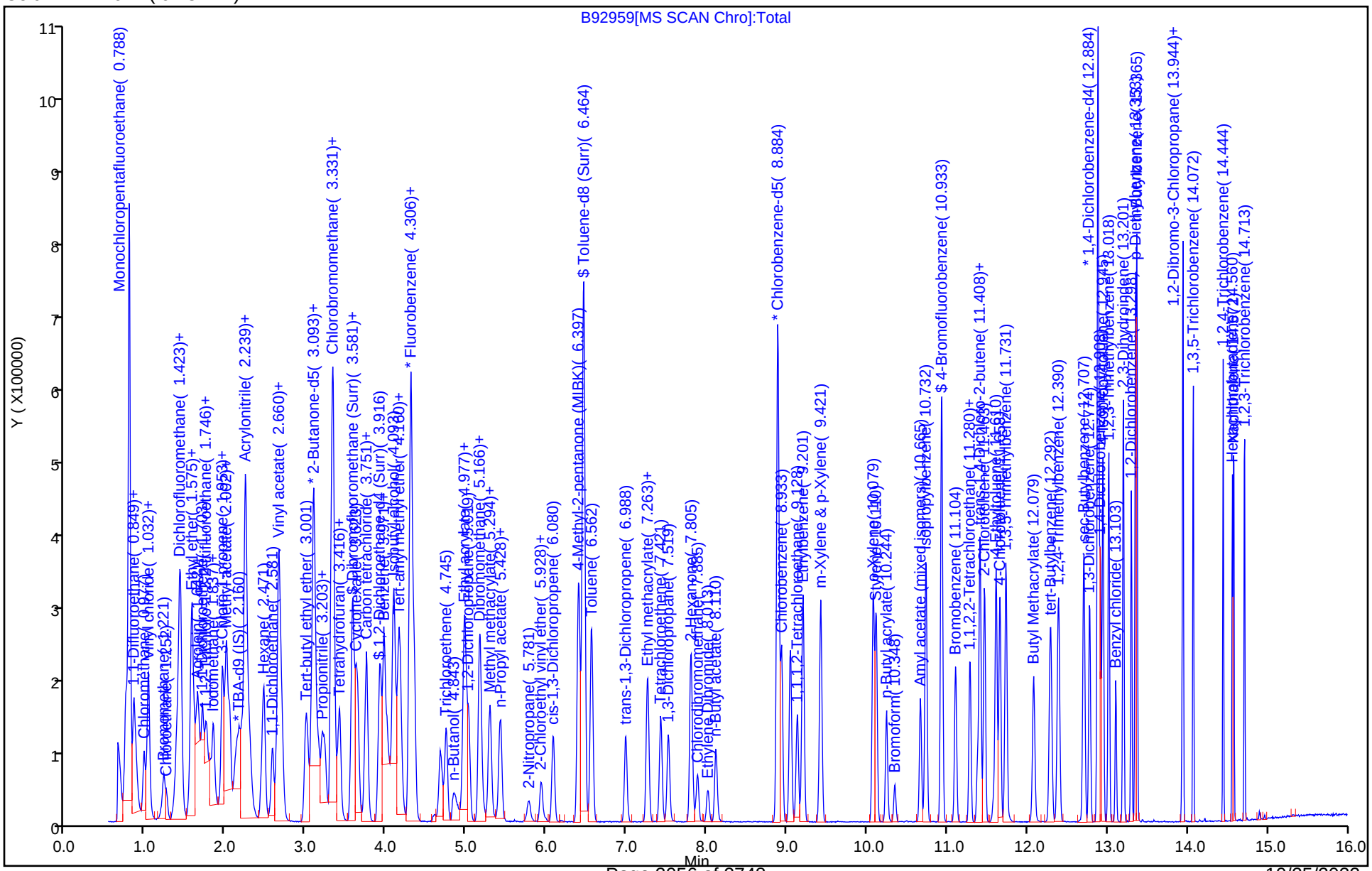
Lims ID: ICV Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

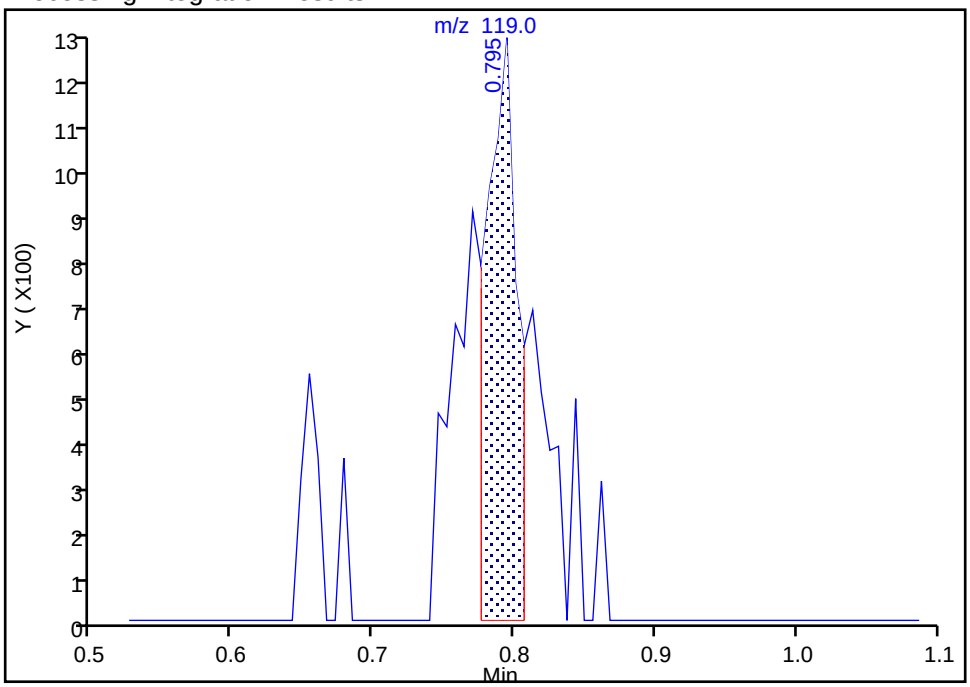
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Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

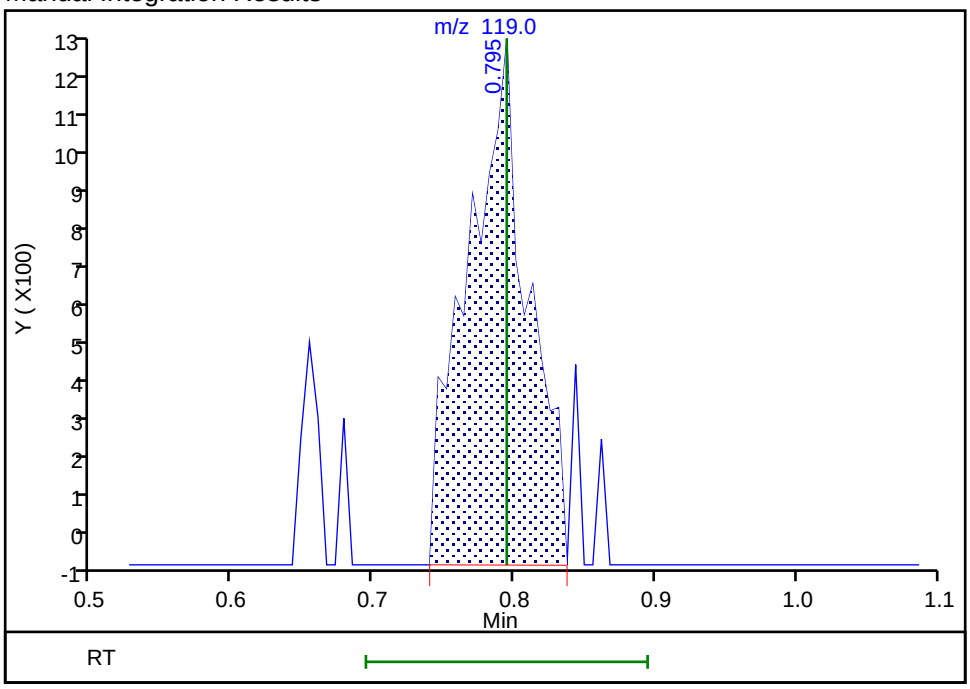
Processing Integration Results

RT: 0.79
Area: 1988
Amount: 5.733256
Amount Units: ug/l



Manual Integration Results

RT: 0.79
Area: 3816
Amount: 11.005083
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:18:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

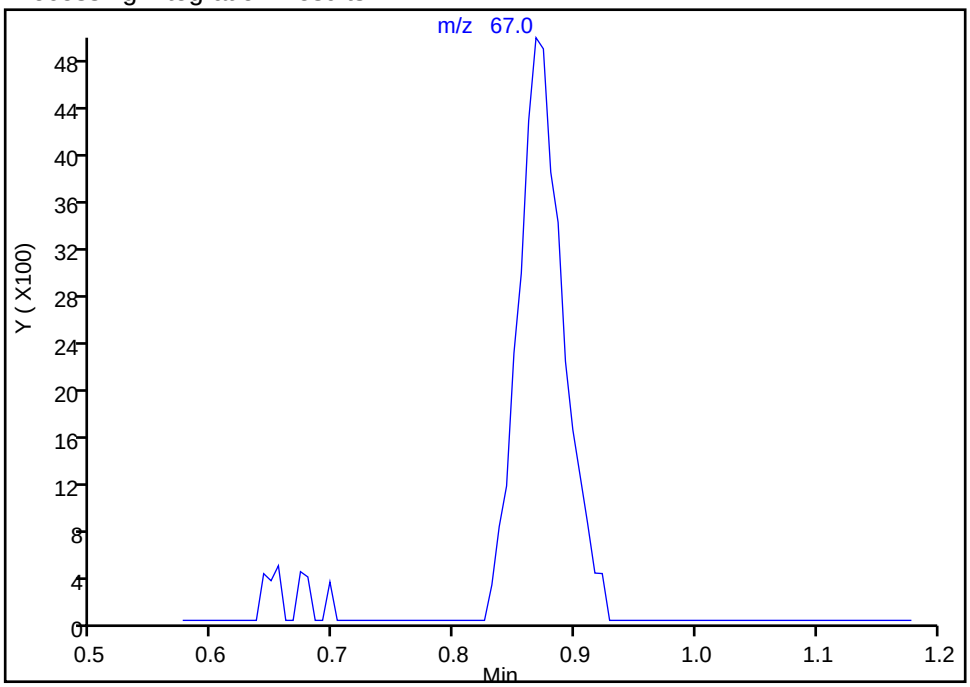
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Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

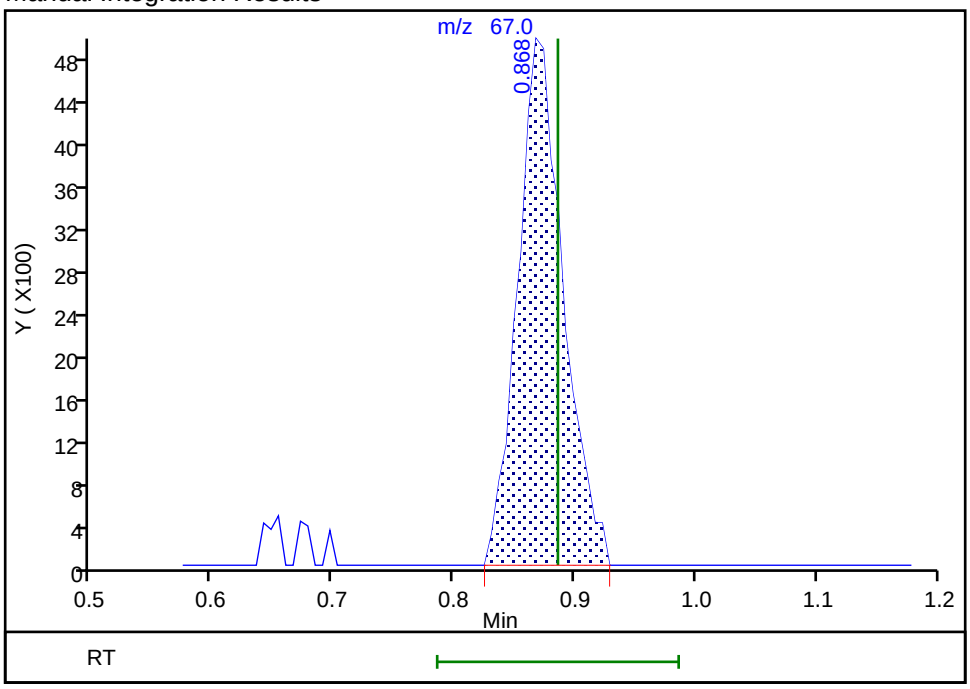
Not Detected
Expected RT: 0.89

Processing Integration Results



Manual Integration Results

RT: 0.87
Area: 12977
Amount: 21.505802
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:18:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

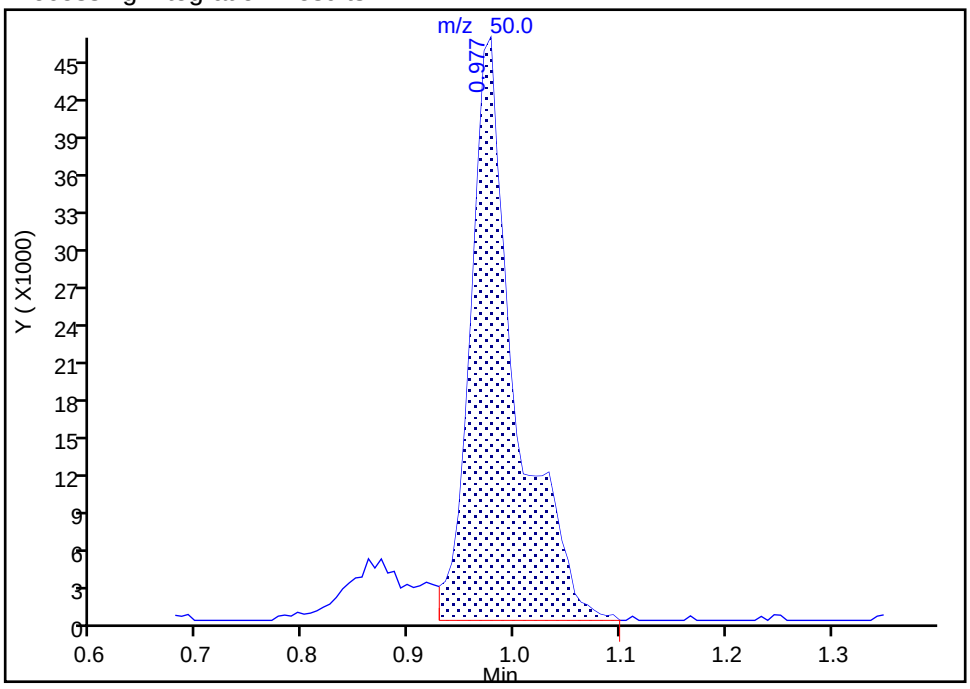
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92959.D
Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

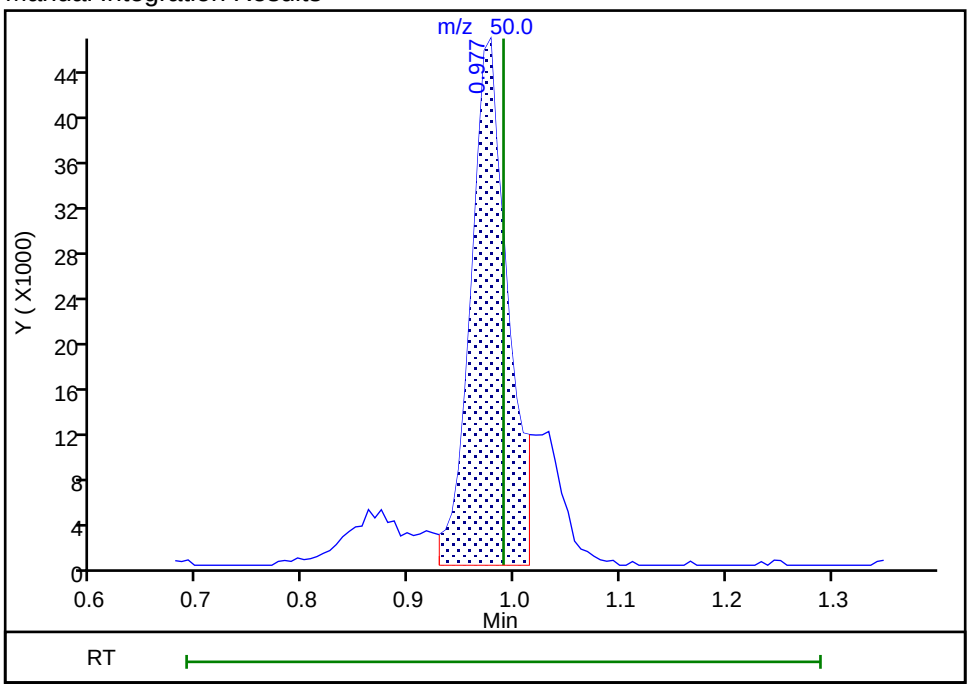
Processing Integration Results

RT: 0.98
Area: 135922
Amount: 25.007912
Amount Units: ug/l



Manual Integration Results

RT: 0.98
Area: 113365
Amount: 20.784637
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:18:29
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

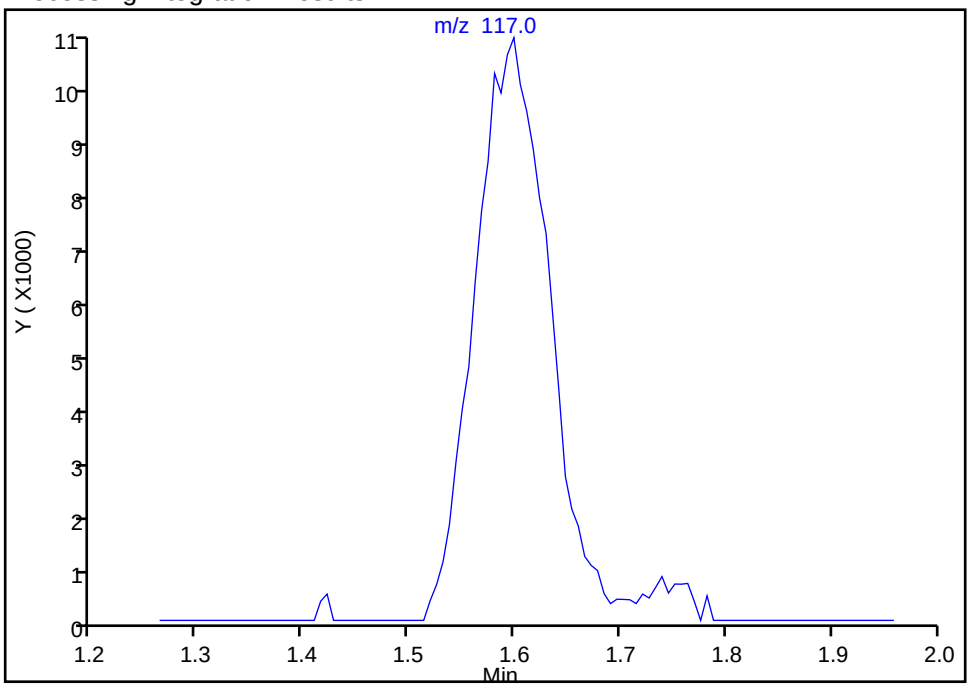
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92959.D
Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

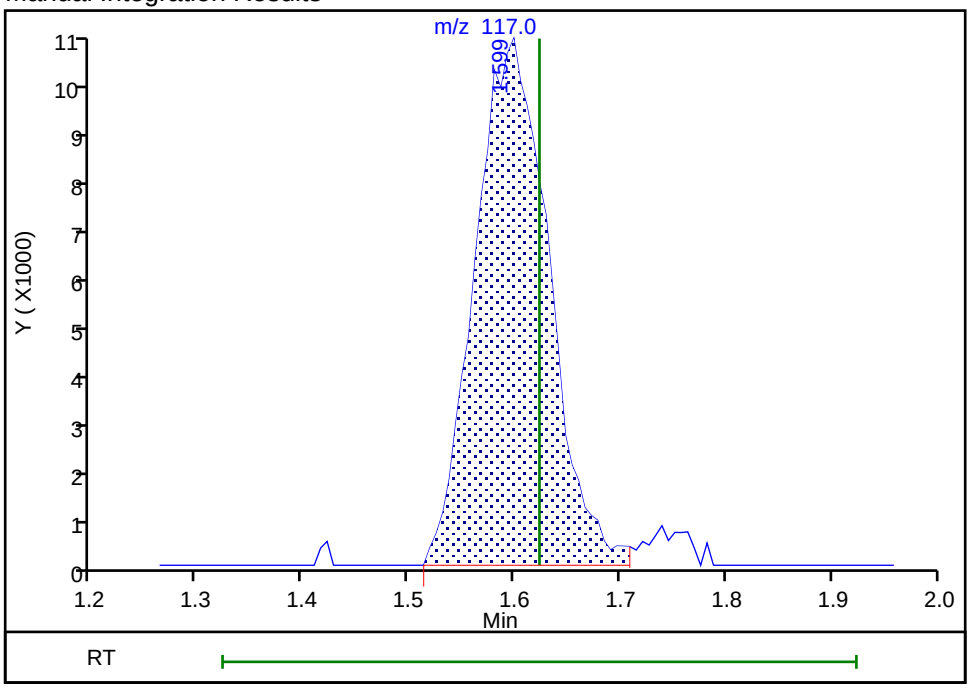
Not Detected
Expected RT: 1.62

Processing Integration Results



Manual Integration Results

RT: 1.60
Area: 51555
Amount: 22.522010
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:18:39
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

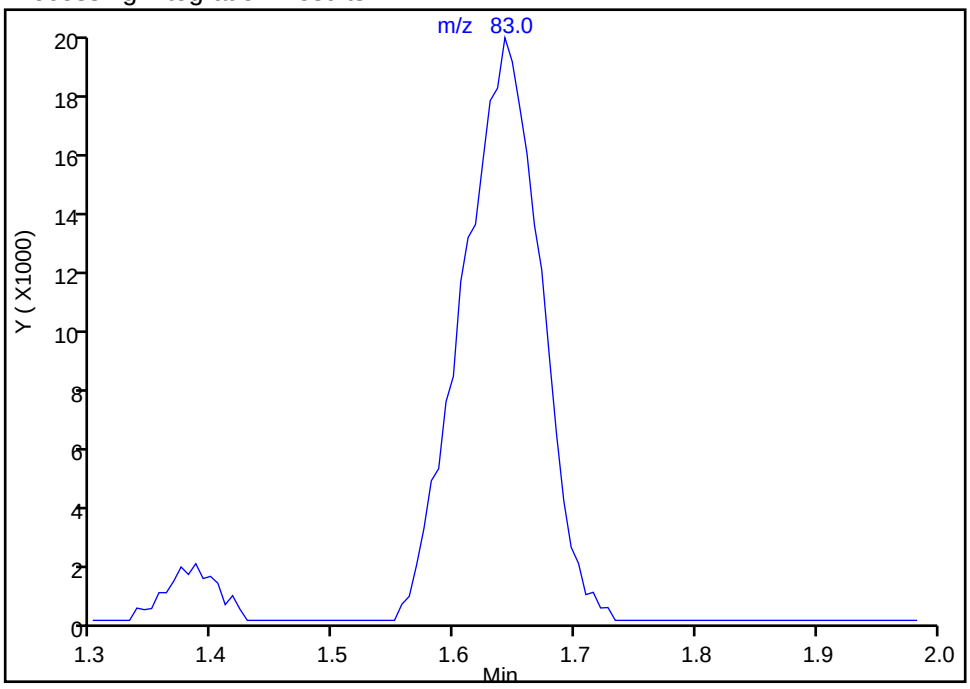
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Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

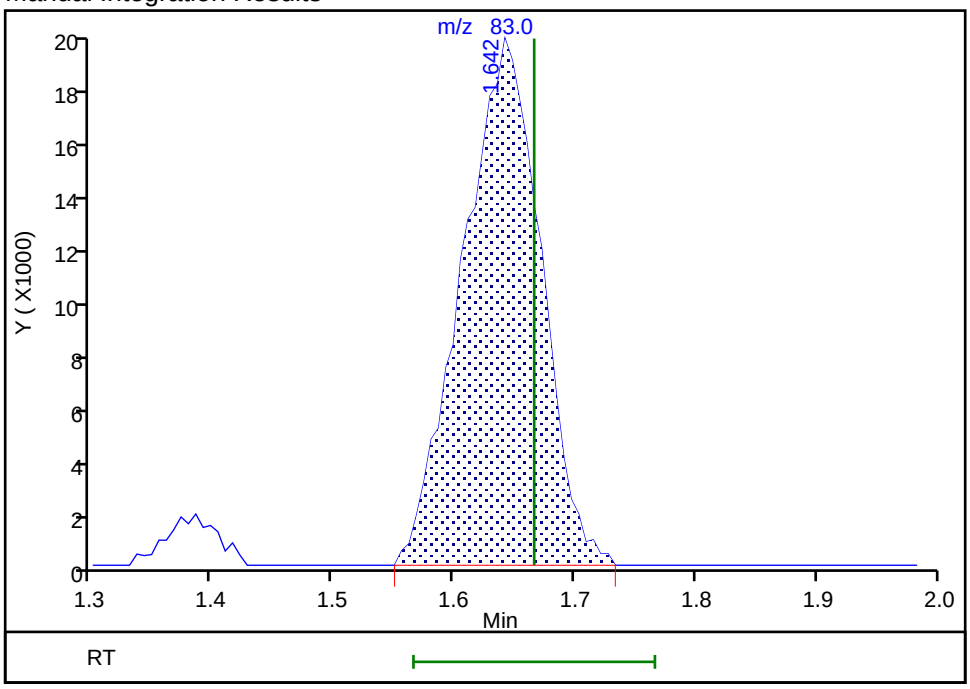
Not Detected
Expected RT: 1.67

Processing Integration Results



Manual Integration Results

RT: 1.64
Area: 88879
Amount: 21.215035
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:18:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

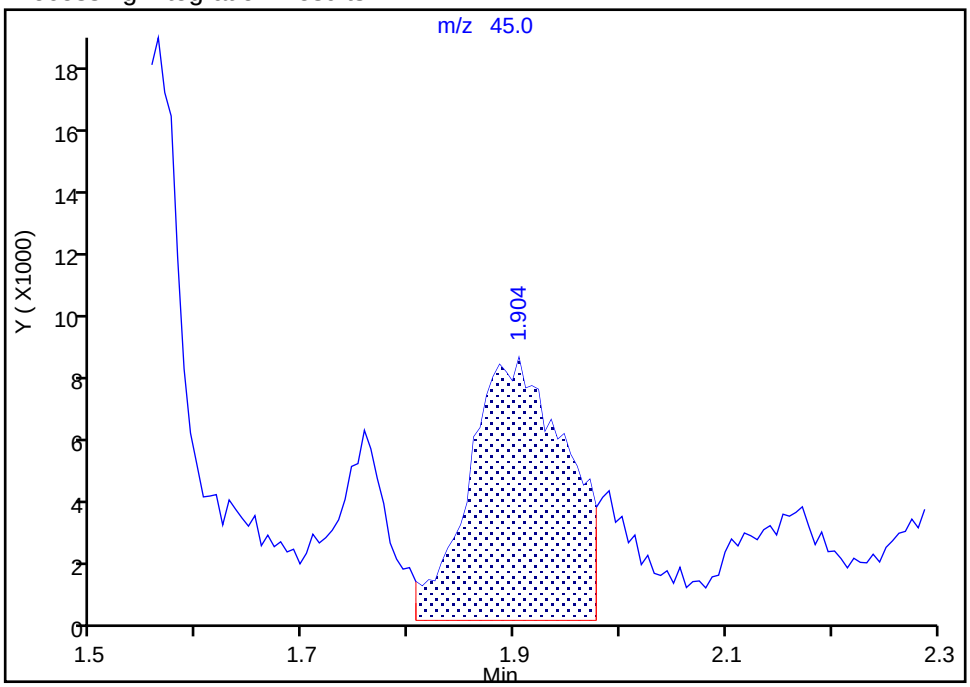
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92959.D
Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

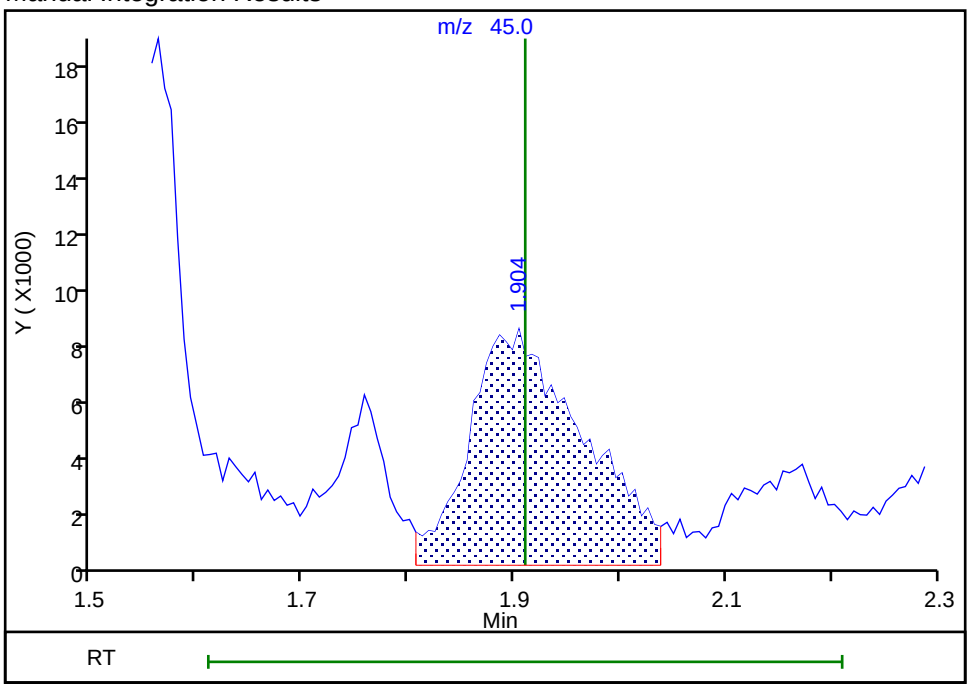
Processing Integration Results

RT: 1.90
Area: 52467
Amount: 165.1328
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 60934
Amount: 191.7816
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:18:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

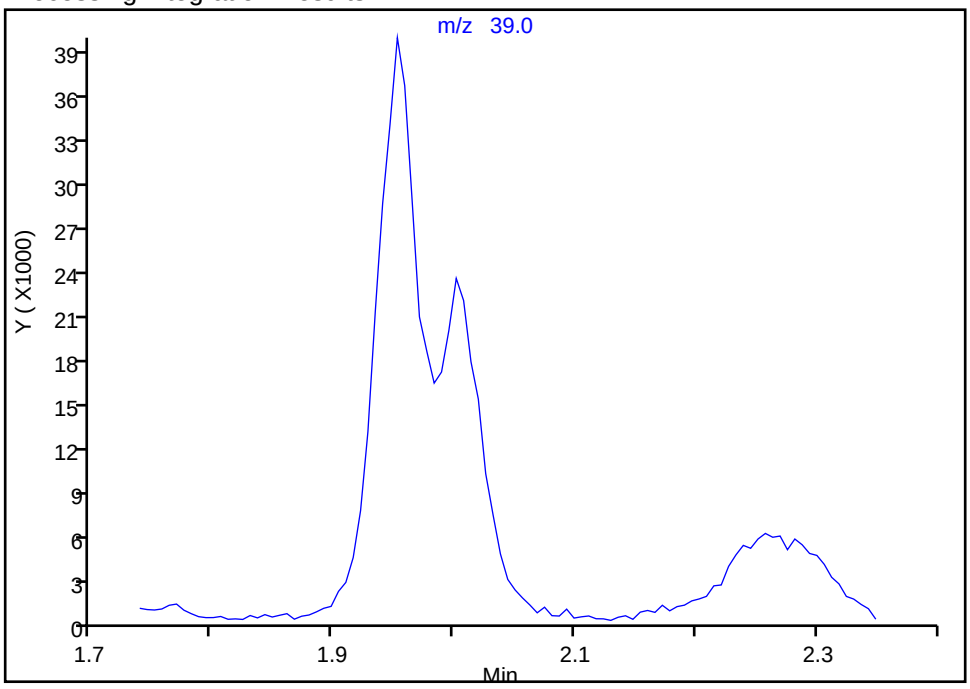
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Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

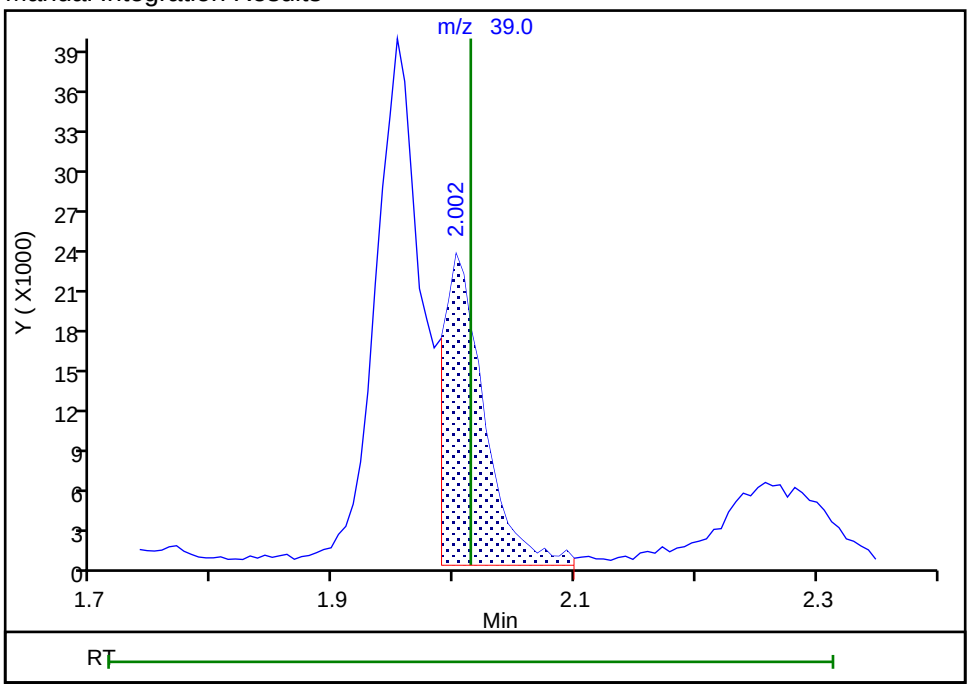
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.00
Area: 55339
Amount: 177.6148
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:19:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

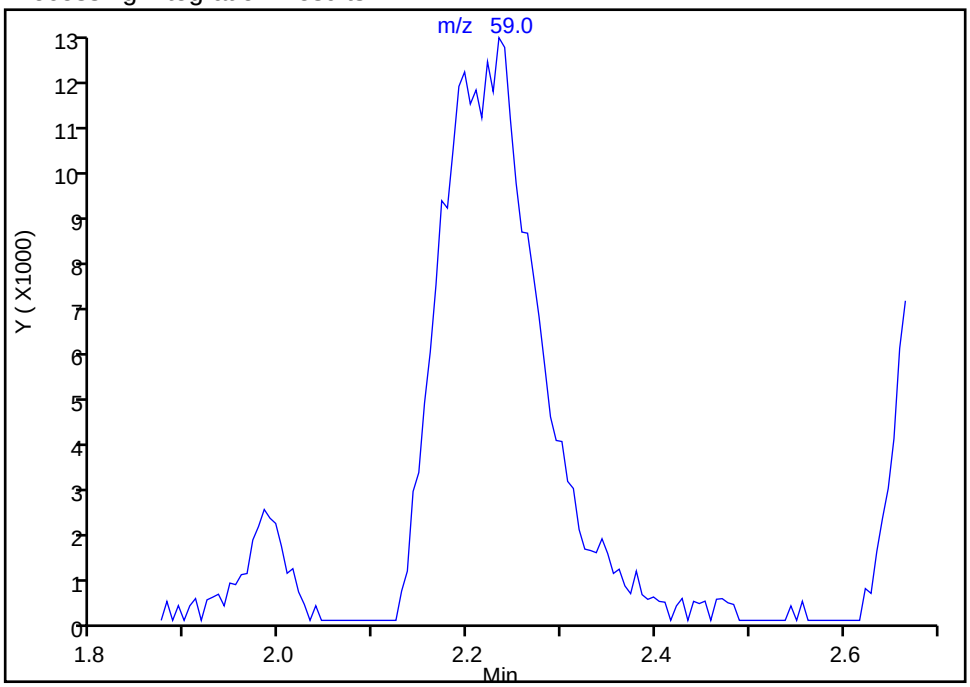
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Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

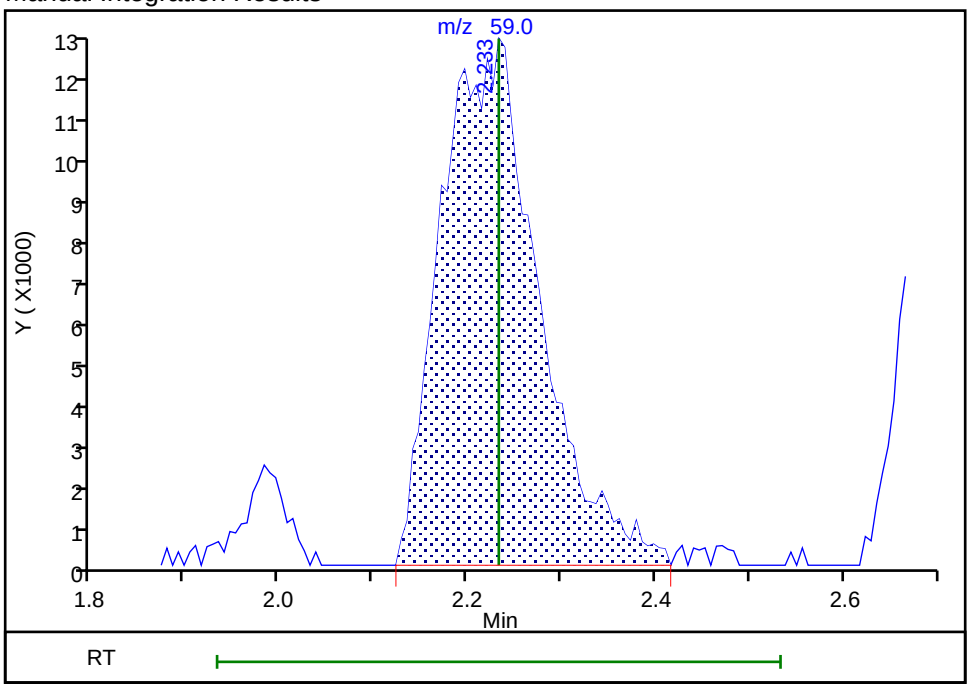
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.23
Area: 87590
Amount: 184.2581
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:19:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

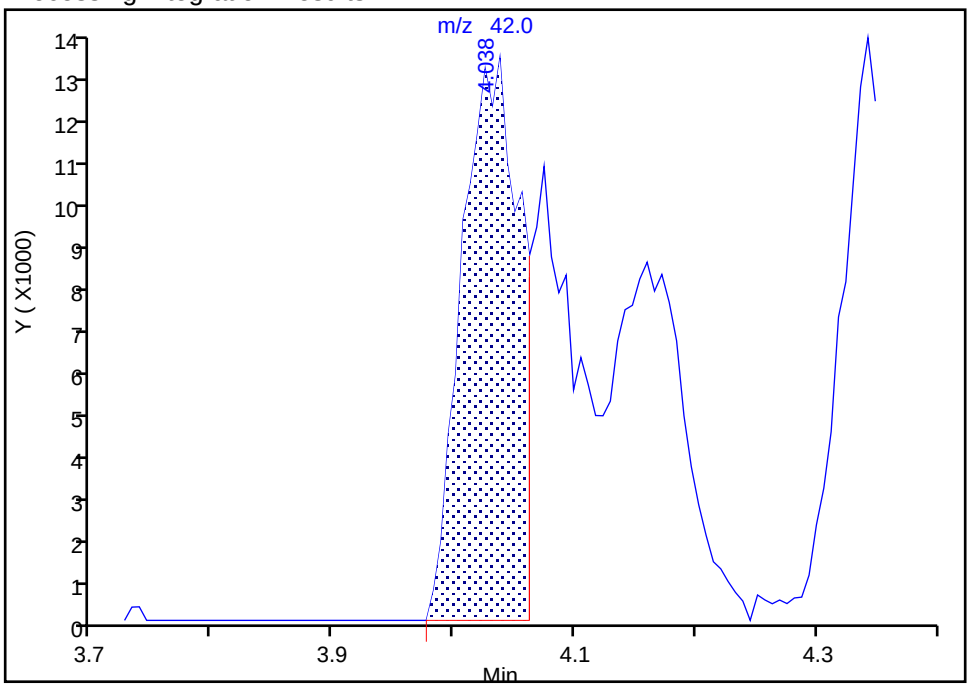
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Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

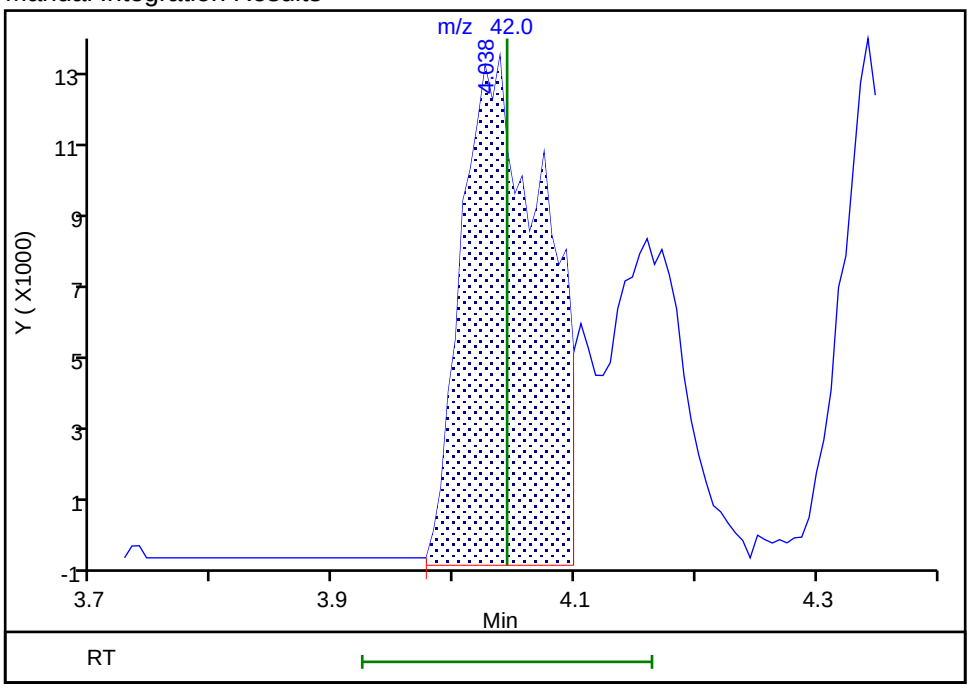
Processing Integration Results

RT: 4.04
Area: 43053
Amount: 320.0922
Amount Units: ug/l



Manual Integration Results

RT: 4.04
Area: 62181
Amount: 462.3059
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:21:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

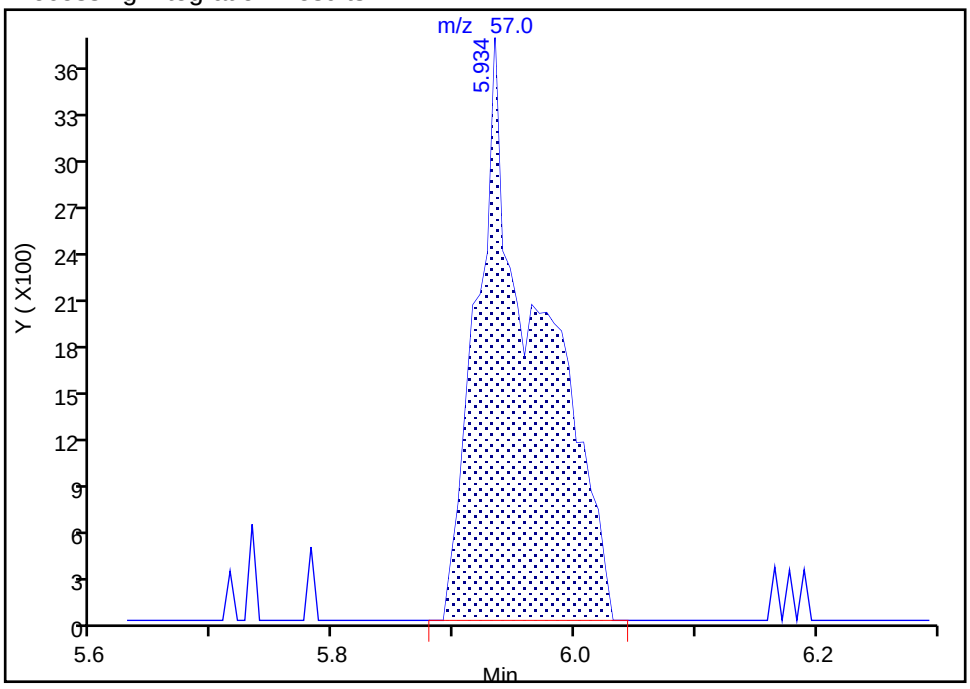
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92959.D
Injection Date: 13-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

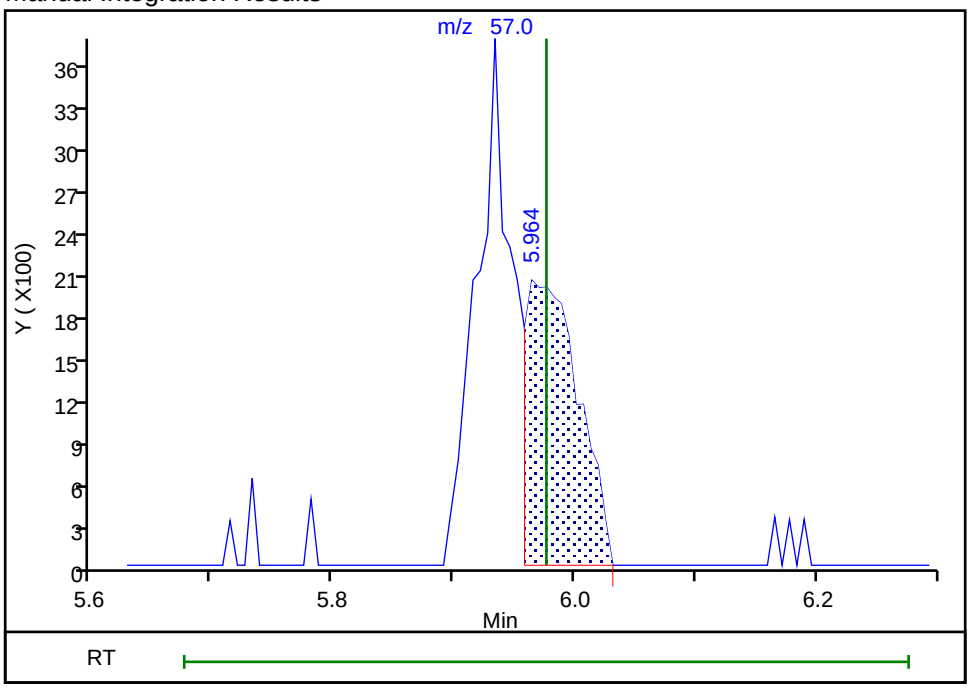
Processing Integration Results

RT: 5.93
Area: 13524
Amount: 39.080775
Amount Units: ug/l



Manual Integration Results

RT: 5.96
Area: 6354
Amount: 18.361376
Amount Units: ug/l



Reviewer: NN6A, 13-Oct-2022 17:20:41
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872317/2 Calibration Date: 10/17/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93109.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0263	0.0219		16.7	20.0	-16.7	20.0
1,1-Difluoroethane	Ave	0.6354	0.5565		17.5	20.0	-12.4	20.0
Dichlorodifluoromethane	Ave	0.3438	0.3247	0.1000	18.9	20.0	-5.5	20.0
Chlorodifluoromethane	Ave	0.0457	0.0467		20.4	20.0	2.2	20.0
Chloromethane	Lin2		0.3941	0.1000	19.1	20.0	-4.7	20.0
Butadiene	Ave	0.3172	0.3009		19.0	20.0	-5.1	20.0
Vinyl chloride	Ave	0.2996	0.2832	0.1000	18.9	20.0	-5.5	20.0
Bromomethane	Ave	0.1619	0.1570	0.1000	19.4	20.0	-3.0	50.0
Chloroethane	Lin2		0.1478	0.1000	19.6	20.0	-1.8	50.0
Dichlorofluoromethane	Ave	0.4328	0.3857		17.8	20.0	-10.9	20.0
Pentane	Ave	0.4622	0.4585		39.7	40.0	-0.8	20.0
Trichlorofluoromethane	Ave	0.2921	0.2854	0.1000	19.5	20.0	-2.3	20.0
Ethyl ether	Ave	0.1931	0.1823		18.9	20.0	-5.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2491	0.2510		20.2	20.0	0.8	20.0
Ethanol	Ave	0.0417	0.0395		756	800	-5.5	50.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1733	0.1635		18.9	20.0	-5.6	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3172	0.2957		18.6	20.0	-6.8	20.0
Acrolein	Ave	1.036	0.9250		268	300	-10.7	50.0
1,1-Dichloroethene	Ave	0.1874	0.2058	0.1000	22.0	20.0	9.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1961	0.2307	0.1000	23.5	20.0	17.6	20.0
Acetone	Lin2		0.4732	0.0500	91.9	100	-8.1	50.0
Iodomethane	Ave	0.3209	0.3451		21.5	20.0	7.5	20.0
Carbon disulfide	Ave	0.7439	0.7844	0.1000	21.1	20.0	5.4	50.0
Isopropyl alcohol	Ave	0.7219	0.5832		162	200	-19.2	50.0
3-Chloro-1-propene	Ave	0.3677	0.3752		20.4	20.0	2.0	20.0
Methyl acetate	Ave	0.2057	0.1700	0.1000	33.1	40.0	-17.3	20.0
Acetonitrile	Ave	0.7079	0.6052		171	200	-14.5	20.0
Methylene Chloride	Ave	0.2462	0.2312	0.1000	18.8	20.0	-6.1	20.0
2-Methyl-2-propanol	Ave	1.080	0.9413		174	200	-12.9	50.0
Acrylonitrile	Ave	3.286	2.795		170	200	-15.0	20.0
trans-1,2-Dichloroethene	Ave	0.2349	0.2616	0.1000	22.3	20.0	11.4	20.0
Methyl tert-butyl ether	Ave	0.7172	0.7247	0.1000	20.2	20.0	1.0	20.0
Hexane	Ave	0.4531	0.5171		22.8	20.0	14.1	20.0
1,1-Dichloroethane	Ave	0.5278	0.5411	0.2000	20.5	20.0	2.5	20.0
2-Chloro-1,3-butadiene	Ave	0.2067	0.2509		24.3	20.0	21.4*	20.0
Vinyl acetate	Ave	0.2717	0.2744		40.4	40.0	1.0	20.0
Isopropyl ether	Ave	1.096	1.079		19.7	20.0	-1.5	20.0
Tert-butyl ethyl ether	Ave	0.2831	0.2991		21.1	20.0	5.6	20.0
2,2-Dichloropropane	Ave	0.1156	0.1284		22.2	20.0	11.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872317/2 Calibration Date: 10/17/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93109.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2616	0.2804	0.1000	21.4	20.0	7.2	20.0
2-Butanone (MEK)	Ave	0.1929	0.1934	0.0500	100	100	0.3	50.0
Propionitrile	Ave	0.2808	0.2679		191	200	-4.6	20.0
Ethyl acetate	Ave	2.163	2.005		37.1	40.0	-7.3	20.0
Methyl acrylate	Ave	0.3013	0.2830		18.8	20.0	-6.1	20.0
Chlorobromomethane	Ave	0.1120	0.1164		20.8	20.0	4.0	20.0
Methacrylonitrile	Ave	0.1005	0.0947		188	200	-5.8	20.0
Tetrahydrofuran	Ave	0.6853	0.6616		38.6	40.0	-3.5	20.0
Chloroform	Ave	0.4324	0.4299	0.2000	19.9	20.0	-0.6	20.0
1,1,1-Trichloroethane	Ave	0.3227	0.3643	0.1000	22.6	20.0	12.9	20.0
Cyclohexane	Ave	0.3752	0.4487	0.1000	23.9	20.0	19.6	50.0
1,1-Dichloropropene	Ave	0.3385	0.3723		22.0	20.0	10.0	20.0
Carbon tetrachloride	Ave	0.2631	0.2980	0.1000	22.7	20.0	13.3	20.0
Benzene	Ave	1.551	1.428	0.5000	18.4	20.0	-8.0	20.0
1,2-Dichloroethane	Ave	0.3312	0.3106	0.1000	18.8	20.0	-6.2	20.0
Isobutyl alcohol	Ave	0.3056	0.2326		381	500	-23.9	50.0
Tert-amyl methyl ether	Ave	0.8270	0.8258		20.0	20.0	-0.1	20.0
Isopropyl acetate	Lin2		0.0925		19.2	20.0	-4.0	20.0
n-Heptane	Ave	0.5593	0.5878		21.0	20.0	5.1	20.0
Trichloroethene	Ave	0.2327	0.2447	0.2000	21.0	20.0	5.2	20.0
n-Butanol	Ave	0.1613	0.1333		413	500	-17.4	50.0
Methylcyclohexane	Ave	0.4368	0.5120	0.1000	23.4	20.0	17.2	50.0
Ethyl acrylate	Ave	0.7331	0.7544		20.6	20.0	2.9	20.0
1,2-Dichloropropane	Ave	0.2942	0.2888	0.1000	19.6	20.0	-1.8	20.0
Dibromomethane	Ave	0.1283	0.1248		19.4	20.0	-2.8	20.0
1,4-Dioxane	QuaF		1.029		382	400	-4.5	50.0
Methyl methacrylate	Ave	0.0468	0.0475		40.6	40.0	1.4	20.0
n-Propyl acetate	Ave	0.4000	0.3591		18.0	20.0	-10.2	20.0
Bromodichloromethane	Ave	0.2949	0.2800	0.2000	19.0	20.0	-5.1	20.0
2-Nitropropane	Ave	0.0530	0.0496		37.4	40.0	-6.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1540	0.1401		18.2	20.0	-9.0	20.0
Epichlorohydrin	Ave	0.1817	0.1652		364	400	-9.1	20.0
cis-1,3-Dichloropropene	Ave	0.5764	0.5029	0.2000	17.4	20.0	-12.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.045	1.821	0.0500	89.0	100	-11.0	50.0
Toluene	Ave	1.478	1.378	0.4000	18.6	20.0	-6.8	20.0
trans-1,3-Dichloropropene	Ave	0.4720	0.4049	0.1000	17.2	20.0	-14.2	50.0
Ethyl methacrylate	Ave	0.2729	0.2585		18.9	20.0	-5.3	20.0
1,1,2-Trichloroethane	Ave	0.2402	0.2005	0.1000	16.7	20.0	-16.5	20.0
Tetrachloroethene	Ave	0.2981	0.2983	0.2000	20.0	20.0	0.0	20.0
1,3-Dichloropropane	Ave	0.5058	0.4251		16.8	20.0	-16.0	20.0
2-Hexanone	Ave	1.287	1.194	0.0500	92.8	100	-7.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872317/2 Calibration Date: 10/17/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93109.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromochloromethane	Ave	0.2674	0.2160	0.1000	16.2	20.0	-19.2	50.0
Ethylene Dibromide	Ave	0.2614	0.2178	0.1000	16.7	20.0	-16.6	20.0
n-Butyl acetate	Ave	0.6308	0.5075		16.1	20.0	-19.5	20.0
Chlorobenzene	Ave	0.8626	0.7903	0.5000	18.3	20.0	-8.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2888	0.2556		17.7	20.0	-11.5	20.0
Ethylbenzene	Ave	0.4708	0.4551	0.1000	19.3	20.0	-3.3	20.0
m-Xylene & p-Xylene	Ave	0.5631	0.5484	0.1000	19.5	20.0	-2.6	20.0
o-Xylene	Ave	0.5576	0.5296	0.3000	19.0	20.0	-5.0	20.0
Styrene	Ave	0.9084	0.8250	0.3000	18.2	20.0	-9.2	20.0
n-Butyl acrylate	Ave	0.2276	0.1869		16.4	20.0	-17.9	20.0
Bromoform	Ave	0.1636	0.1297	0.1000	15.9	20.0	-20.7*	20.0
Amyl acetate (mixed isomers)	Ave	1.269	1.056		16.6	20.0	-16.8	20.0
Isopropylbenzene	Ave	1.443	1.429	0.1000	19.8	20.0	-0.9	20.0
Bromobenzene	Ave	0.6474	0.5591		17.3	20.0	-13.6	20.0
1,2,3-Trichloropropane	Lin2		0.1495		17.5	20.0	-12.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7193	0.5855	0.3000	16.3	20.0	-18.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2312	0.1919		16.6	20.0	-17.0	20.0
N-Propylbenzene	Ave	0.7147	0.7038		19.7	20.0	-1.5	20.0
2-Chlorotoluene	Ave	0.6247	0.5897		18.9	20.0	-5.6	20.0
4-Ethyltoluene	Ave	2.697	2.567		19.0	20.0	-4.8	20.0
4-Chlorotoluene	Ave	2.148	1.970		18.3	20.0	-8.3	20.0
1,3,5-Trimethylbenzene	Ave	2.269	2.160		19.0	20.0	-4.8	20.0
Butyl Methacrylate	Ave	0.6967	0.5906		17.0	20.0	-15.2	20.0
tert-Butylbenzene	Ave	1.779	1.644		18.5	20.0	-7.5	20.0
1,2,4-Trimethylbenzene	Ave	2.336	2.230		19.1	20.0	-4.5	20.0
sec-Butylbenzene	Ave	2.893	2.854		19.7	20.0	-1.3	20.0
1,3-Dichlorobenzene	Ave	1.247	1.125	0.6000	18.1	20.0	-9.7	20.0
1,4-Dichlorobenzene	Ave	1.294	1.131	0.5000	17.5	20.0	-12.6	20.0
4-Isopropyltoluene	Ave	2.462	2.389		19.4	20.0	-3.0	20.0
1,2,3-Trimethylbenzene	Ave	2.484	2.266		18.2	20.0	-8.8	20.0
Benzyl chloride	Ave	0.2064	0.1791		17.4	20.0	-13.2	50.0
Indan	Ave	0.8175	0.8486		20.8	20.0	3.8	20.0
1,2-Dichlorobenzene	Ave	1.248	1.082	0.4000	17.3	20.0	-13.3	20.0
p-Diethylbenzene	Ave	1.333	1.319		19.8	20.0	-1.1	20.0
n-Butylbenzene	Ave	1.443	1.447		20.1	20.0	0.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1343	0.1065	0.0500	15.9	20.0	-20.7	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.307	2.214		19.2	20.0	-4.0	20.0
1,3,5-Trichlorobenzene	Ave	1.036	0.9537		18.4	20.0	-8.0	20.0
1,2,4-Trichlorobenzene	Ave	0.9504	0.8618	0.2000	18.1	20.0	-9.3	20.0
Hexachlorobutadiene	Ave	0.4562	0.4149		18.2	20.0	-9.1	20.0
Naphthalene	Ave	2.244	1.991		17.7	20.0	-11.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872317/2 Calibration Date: 10/17/2022 04:40

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93109.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.9040	0.8262		18.3	20.0	-8.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2374	0.2463		51.9	50.0	3.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2986	0.2960		49.6	50.0	-0.9	20.0
Toluene-d8 (Surr)	Ave	1.504	1.382		45.9	50.0	-8.1	20.0
Bromofluorobenzene	Ave	0.7313	0.6553		44.8	50.0	-10.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2022 04:40:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0151824-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:11:37 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 11:11:37

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.795	0.795	0.000	44	6262	20.0	16.7	M
2	1,1-Difluoroethane	51	0.862	0.862	0.000	98	159426	20.0	17.5	
3	Dichlorodifluoromethane	85	0.874	0.874	0.000	58	93023	20.0	18.9	
4	Chlorodifluoromethane	67	0.880	0.880	0.000	93	13373	20.0	20.4	a
5	Chloromethane	50	0.984	0.984	0.000	99	112904	20.0	19.1	
6	Butadiene	54	1.038	1.038	0.000	94	86190	20.0	19.0	
7	Vinyl chloride	62	1.045	1.045	0.000	91	81123	20.0	18.9	
8	Bromomethane	94	1.234	1.234	0.000	98	44961	20.0	19.4	
9	Chloroethane	64	1.258	1.258	0.000	99	42336	20.0	19.6	
10	Dichlorofluoromethane	67	1.398	1.398	0.000	98	110479	20.0	17.8	
12	Pentane	43	1.435	1.435	0.000	97	262678	40.0	39.7	
11	Trichlorofluoromethane	101	1.435	1.435	0.000	40	81754	20.0	19.5	
13	Ethyl ether	59	1.569	1.569	0.000	69	52219	20.0	18.9	
14	Ethanol	46	1.587	1.587	0.000	50	16268	800.0	756.2	M
15	2-Methyl-1,3-butadiene	53	1.581	1.581	0.000	98	71900	20.0	20.2	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.611	1.611	0.000	95	46848	20.0	18.9	
17	1,1,1-Trifluoro-2,2-dichloroetha	83	1.660	1.660	0.000	85	84717	20.0	18.6	Ma
18	Acrolein	56	1.660	1.660	0.000	97	143008	300.0	267.8	
19	1,1-Dichloroethene	96	1.715	1.715	0.000	93	58941	20.0	22.0	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.758	0.000	97	66081	20.0	23.5	
21	Acetone	43	1.776	1.776	0.000	87	97741	100.0	91.9	
22	Iodomethane	142	1.813	1.813	0.000	98	98866	20.0	21.5	
23	Carbon disulfide	76	1.849	1.849	0.000	100	224705	20.0	21.1	
24	Isopropyl alcohol	45	1.904	1.904	0.000	24	60112	200.0	161.6	M
25	3-Chloro-1-propene	39	1.959	1.959	0.000	93	107473	20.0	20.4	
26	Methyl acetate	43	1.996	1.996	0.000	99	97424	40.0	33.1	
27	Acetonitrile	39	2.014	2.014	0.000	43	62381	200.0	171.0	a
28	Methylene Chloride	84	2.057	2.057	0.000	99	66243	20.0	18.8	
* 29	TBA-d9 (IS)	65	2.160	2.160	0.000	0	515367	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.227	2.227	0.000	91	97026	200.0	174.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.246	2.246	0.000	95	288041	200.0	170.1	
32 trans-1,2-Dichloroethene	96	2.252	2.252	0.000	92	74940	20.0	22.3	
33 Methyl tert-butyl ether	73	2.282	2.282	0.000	98	207598	20.0	20.2	
34 Hexane	57	2.477	2.477	0.000	94	148130	20.0	22.8	
36 Vinyl acetate	86	2.660	2.660	0.000	100	22669	40.0	40.4	a
35 1,1-Dichloroethane	63	2.587	2.587	0.000	99	155016	20.0	20.5	
37 2-Chloro-1,3-butadiene	88	2.660	2.660	0.000	68	71878	20.0	24.3	
38 Isopropyl ether	45	2.691	2.691	0.000	97	309082	20.0	19.7	
39 Tert-butyl ethyl ether	87	3.008	3.008	0.000	88	85671	20.0	21.1	
* 40 2-Butanone-d5	46	3.099	3.099	0.000	0	516332	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.099	3.099	0.000	68	80328	20.0	21.4	
42 2,2-Dichloropropane	79	3.099	3.099	0.000	76	36774	20.0	22.2	
43 2-Butanone (MEK)	72	3.154	3.154	0.000	99	39952	100.0	100.3	
44 Propionitrile	54	3.203	3.203	0.000	97	110675	200.0	190.8	
45 Ethyl acetate	43	3.227	3.227	0.000	99	165620	40.0	37.1	
62 Methyl acrylate	55	3.245	3.245	0.000	99	81068	20.0	18.8	a
46 Chlorobromomethane	128	3.318	3.318	0.000	92	33350	20.0	20.8	
47 Methacrylonitrile	67	3.337	3.337	0.000	95	271168	200.0	188.4	
48 Tetrahydrofuran	42	3.404	3.404	0.000	86	54656	40.0	38.6	
49 Chloroform	83	3.422	3.422	0.000	97	123165	20.0	19.9	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.581	0.000	96	176375	50.0	51.9	
51 1,1,1-Trichloroethane	97	3.587	3.587	0.000	64	104357	20.0	22.6	
52 Cyclohexane	84	3.635	3.635	0.000	96	128539	20.0	23.9	
53 Carbon tetrachloride	117	3.757	3.757	0.000	72	85358	20.0	22.7	
54 1,1-Dichloropropene	75	3.751	3.751	0.000	91	106654	20.0	22.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	211982	50.0	49.6	
56 Benzene	78	3.971	3.971	0.000	98	303722	20.0	18.4	
57 1,2-Dichloroethane	62	4.007	4.007	0.000	96	88970	20.0	18.8	
58 Isobutyl alcohol	42	4.038	4.038	0.000	90	59948	500.0	380.6	a
59 Tert-amyl methyl ether	73	4.160	4.160	0.000	91	236575	20.0	20.0	
73 Isopropyl acetate	61	4.166	4.166	0.000	95	26506	20.0	19.2	
* 60 Fluorobenzene	96	4.306	4.306	0.000	98	716167	50.0	50.0	
61 n-Heptane	43	4.349	4.349	0.000	98	168375	20.0	21.0	
63 Trichloroethene	95	4.745	4.745	0.000	96	70101	20.0	21.0	
64 n-Butanol	43	4.849	4.849	0.000	93	34348	500.0	413.1	
65 Methylcyclohexane	83	4.977	4.977	0.000	87	146676	20.0	23.4	
66 Ethyl acrylate	55	4.983	4.983	0.000	92	216103	20.0	20.6	
67 1,2-Dichloropropane	63	5.032	5.032	0.000	92	82730	20.0	19.6	
68 Dibromomethane	93	5.172	5.172	0.000	36	35742	20.0	19.4	
* 69 1,4-Dioxane-d8	96	5.208	5.208	0.000	0	36563	1000.0	1000.0	
70 1,4-Dioxane	88	5.275	5.275	0.000	71	15046	400.0	381.9	a
71 Methyl methacrylate	100	5.288	5.288	0.000	95	27209	40.0	40.6	
81 n-Propyl acetate	43	5.416	5.416	0.000	99	102872	20.0	18.0	
72 Dichlorobromomethane	83	5.428	5.428	0.000	98	80219	20.0	19.0	
74 2-Nitropropane	41	5.781	5.781	0.000	98	28443	40.0	37.4	
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	91	40221	20.0	18.2	
76 Epichlorohydrin	57	5.983	5.983	0.000	99	136476	400.0	363.6	
77 cis-1,3-Dichloropropene	75	6.086	6.086	0.000	96	106978	20.0	17.4	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.397	0.000	98	376010	100.0	89.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	98	734889	50.0	45.9	
80 Toluene	91	6.562	6.562	0.000	93	293204	20.0	18.6	
82 trans-1,3-Dichloropropene	75	6.988	6.988	0.000	97	86137	20.0	17.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.257	7.257	0.000	92	74056	20.0	18.9	
83 1,1,2-Trichloroethane	83	7.263	7.263	0.000	94	42664	20.0	16.7	
85 Tetrachloroethene	166	7.427	7.427	0.000	95	63453	20.0	20.0	
86 1,3-Dichloropropane	76	7.519	7.519	0.000	97	90438	20.0	16.8	
87 2-Hexanone	43	7.799	7.799	0.000	99	246699	100.0	92.8	
88 Chlorodibromomethane	129	7.879	7.879	0.000	97	45948	20.0	16.2	
89 Ethylene Dibromide	107	8.013	8.013	0.000	97	46344	20.0	16.7	
90 n-Butyl acetate	43	8.104	8.104	0.000	98	107971	20.0	16.1	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	89	531852	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	92	168133	20.0	18.3	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	93	54380	20.0	17.7	
94 Ethylbenzene	106	9.201	9.201	0.000	99	96814	20.0	19.3	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	116665	20.0	19.5	
96 o-Xylene	106	10.073	10.073	0.000	92	112661	20.0	19.0	
97 Styrene	104	10.116	10.116	0.000	95	175521	20.0	18.2	
98 n-Butyl acrylate	73	10.238	10.238	0.000	96	39758	20.0	16.4	
99 Bromoform	173	10.348	10.348	0.000	94	27602	20.0	15.9	
101 Amyl acetate (mixed isomers)	43	10.665	10.665	0.000	87	122622	20.0	16.6	
102 Isopropylbenzene	105	10.732	10.732	0.000	96	304096	20.0	19.8	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	92	190254	50.0	44.8	
104 Bromobenzene	156	11.104	11.104	0.000	94	64932	20.0	17.3	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	91	17365	20.0	17.5	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.286	0.000	95	67995	20.0	16.3	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	84	22291	20.0	16.6	
108 N-Propylbenzene	120	11.408	11.408	0.000	99	81739	20.0	19.7	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	68488	20.0	18.9	
110 4-Ethyltoluene	105	11.610	11.610	0.000	98	298147	20.0	19.0	
111 4-Chlorotoluene	91	11.658	11.658	0.000	98	228799	20.0	18.3	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	92	250855	20.0	19.0	
100 Butyl Methacrylate	87	12.079	12.079	0.000	95	68587	20.0	17.0	
113 tert-Butylbenzene	119	12.286	12.286	0.000	92	190985	20.0	18.5	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	98	259039	20.0	19.1	
115 sec-Butylbenzene	105	12.707	12.707	0.000	99	331469	20.0	19.7	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	94	130700	20.0	18.1	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.884	0.000	97	290345	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	95	131350	20.0	17.5	
119 4-Isopropyltoluene	119	12.945	12.945	0.000	97	277402	20.0	19.4	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	263132	20.0	18.2	
121 Benzyl chloride	126	13.103	13.103	0.000	97	20798	20.0	17.4	
122 2,3-Dihydroindene	117	13.201	13.201	0.000	94	243095	20.0	20.8	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	94	125708	20.0	17.3	
124 p-Diethylbenzene	119	13.353	13.353	0.000	92	153160	20.0	19.8	
125 n-Butylbenzene	92	13.365	13.365	0.000	98	168073	20.0	20.1	
126 1,2-Dibromo-3-Chloropropane	157	13.926	13.926	0.000	89	12367	20.0	15.9	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	96	257093	20.0	19.2	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	96	110761	20.0	18.4	
129 1,2,4-Trichlorobenzene	180	14.438	14.438	0.000	93	100092	20.0	18.1	
130 Hexachlorobutadiene	225	14.548	14.548	0.000	93	48185	20.0	18.2	
131 Naphthalene	128	14.566	14.566	0.000	99	231244	20.0	17.7	
132 1,2,3-Trichlorobenzene	180	14.700	14.700	0.000	96	95948	20.0	18.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	43.7	
S 134 1,3-Dichloropropene, Total	100				0		40.0	34.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	38.5	
S 136 Total BTEX	1				0		100.0	94.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2022 11:11:38 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D

Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2 Operator ID:

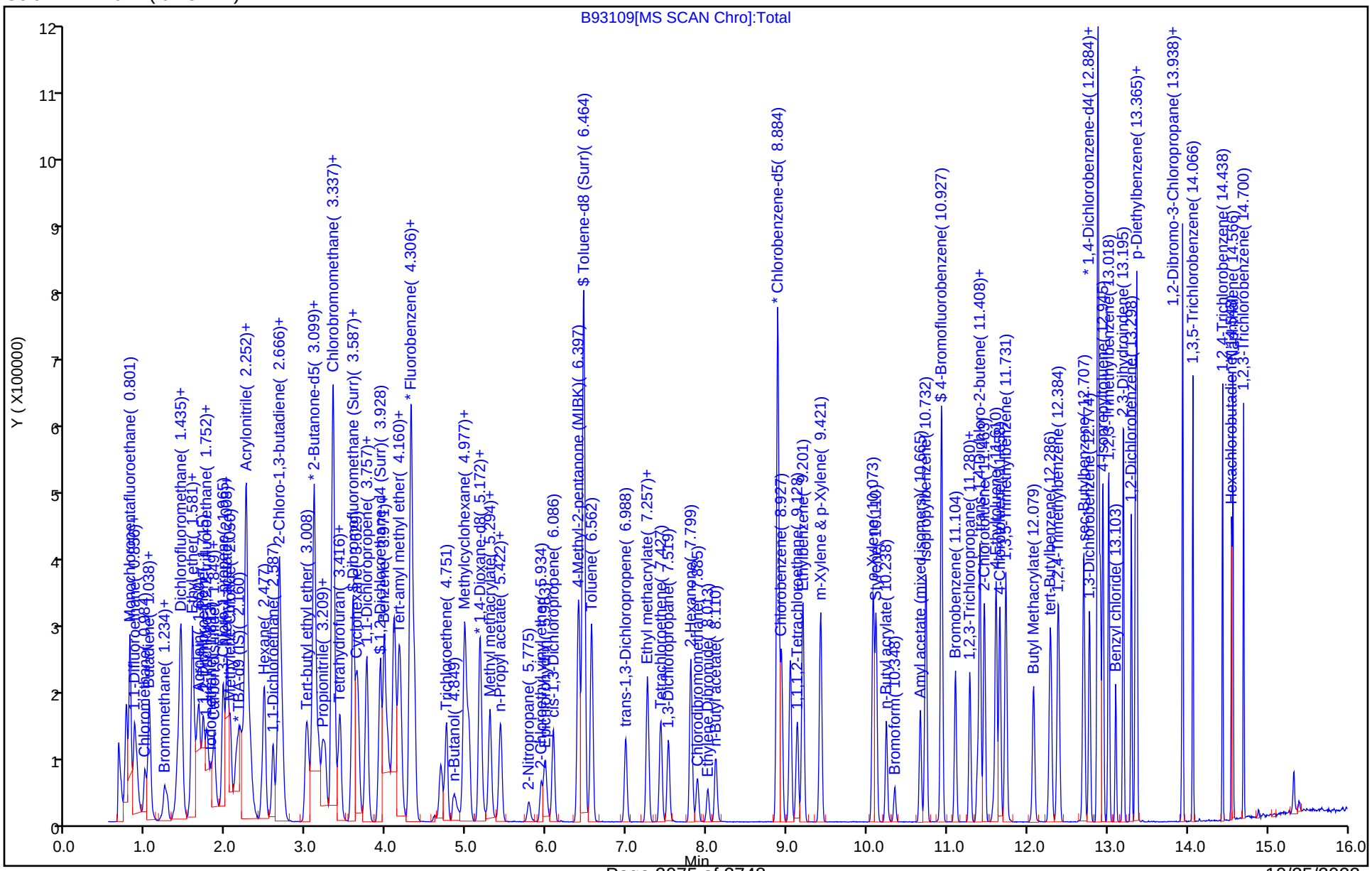
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

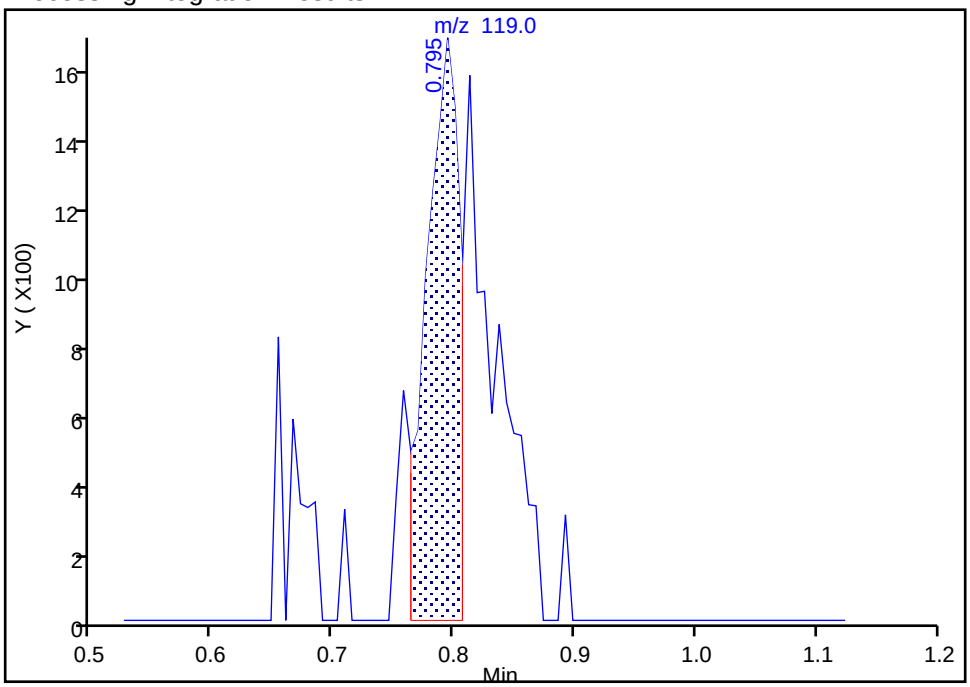
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

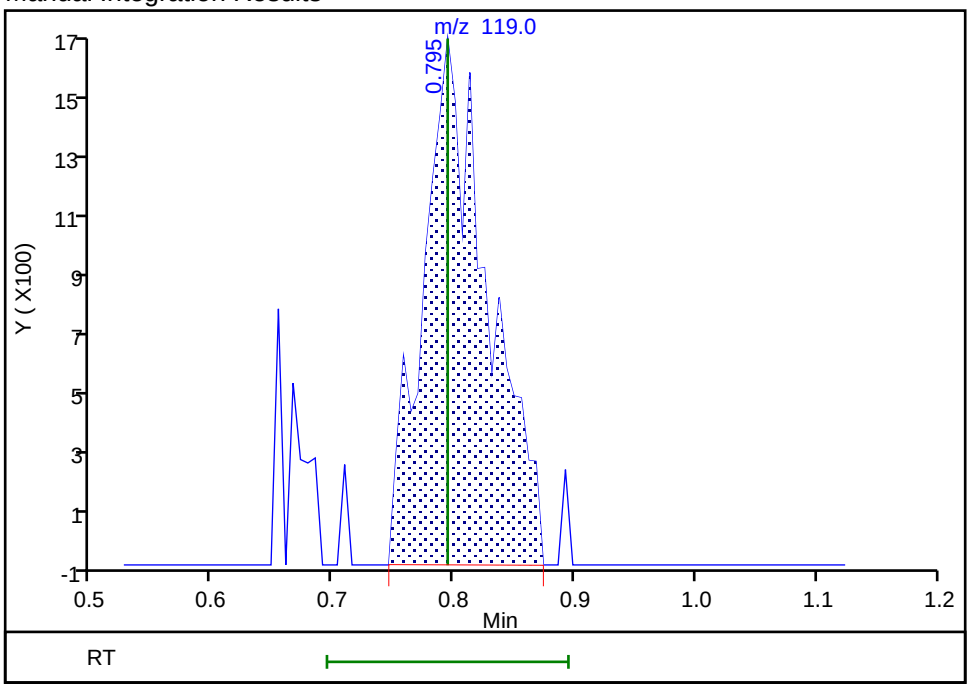
Processing Integration Results

RT: 0.79
Area: 3238
Amount: 8.610563
Amount Units: ug/l



Manual Integration Results

RT: 0.79
Area: 6262
Amount: 16.652052
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:05:55
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

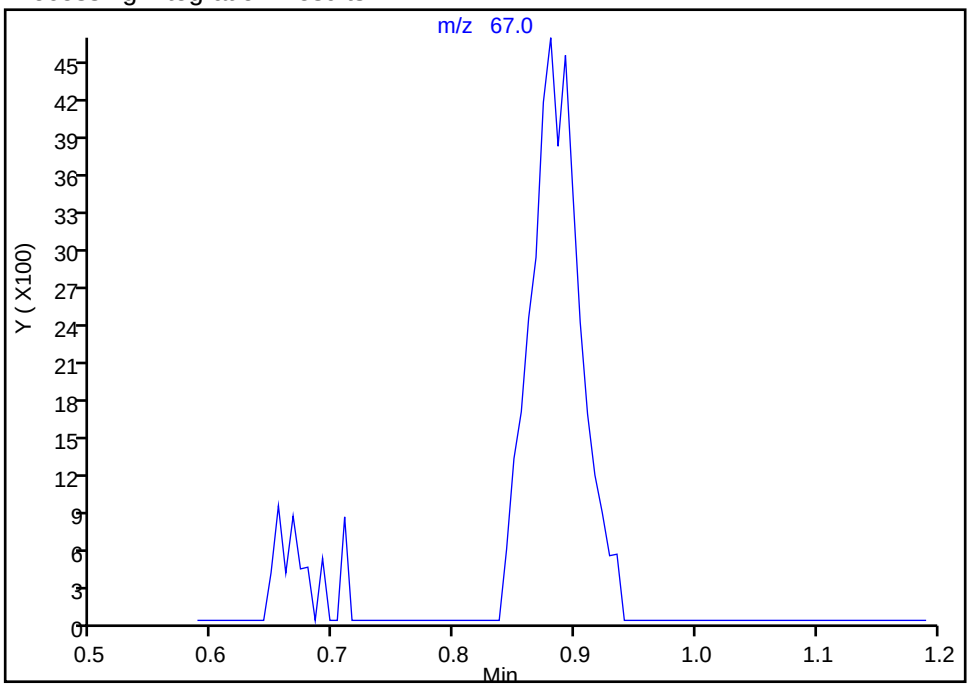
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

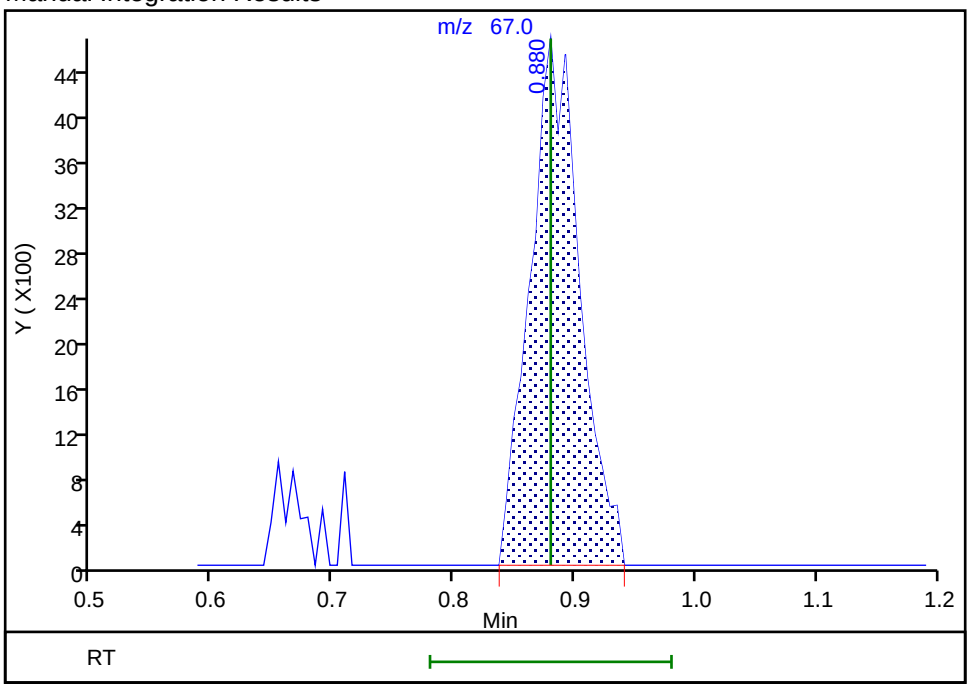
Not Detected
Expected RT: 0.88

Processing Integration Results



Manual Integration Results

RT: 0.88
Area: 13373
Amount: 20.435249
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:06:01
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

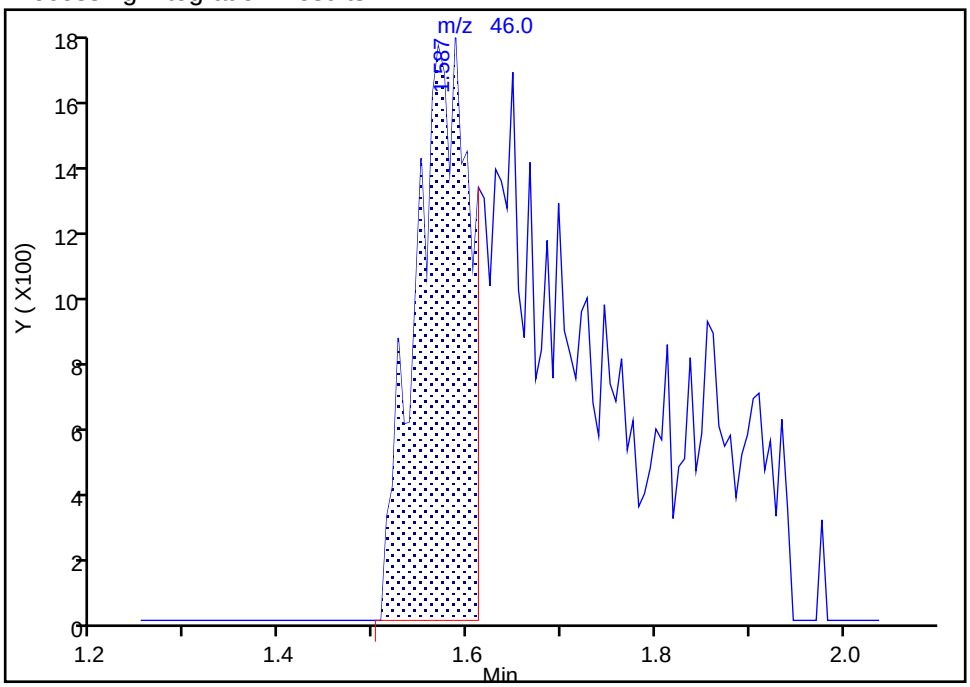
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

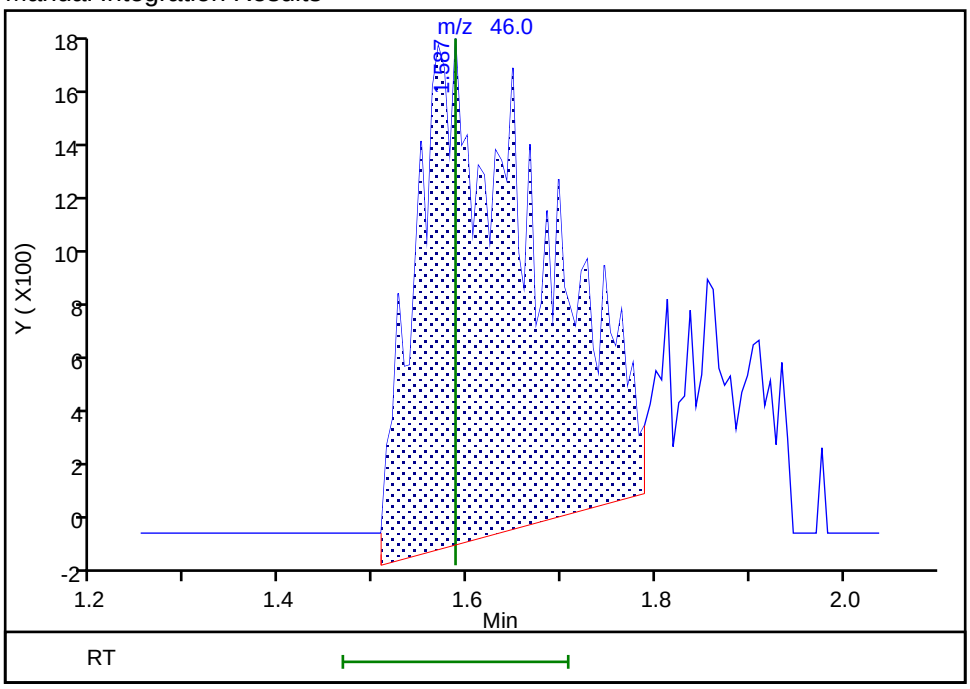
Processing Integration Results

RT: 1.59
Area: 6990
Amount: 324.9338
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 16268
Amount: 756.2264
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:06:07
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

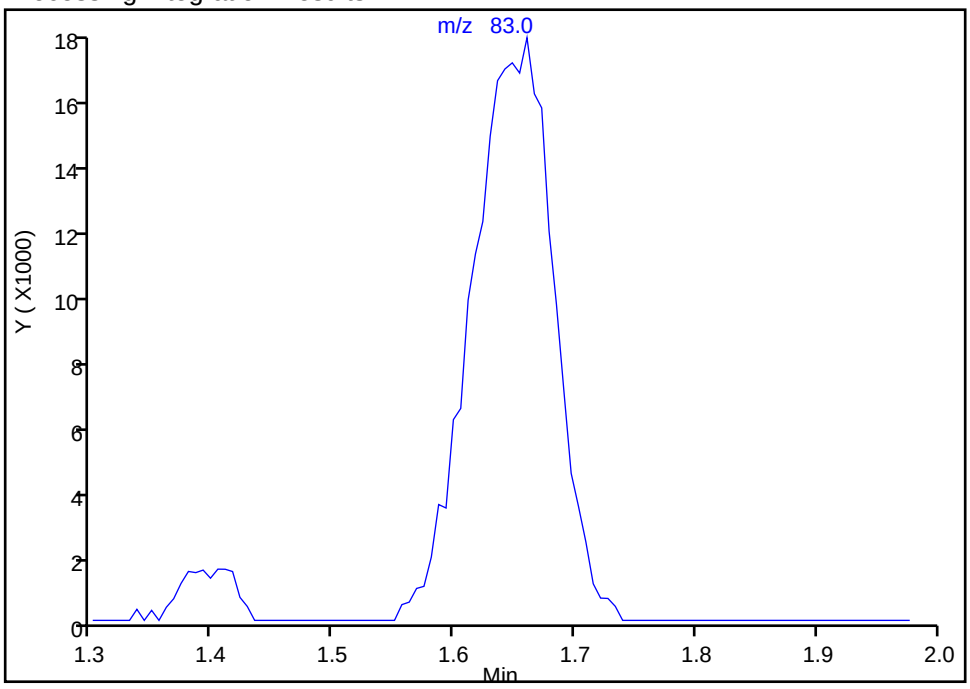
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

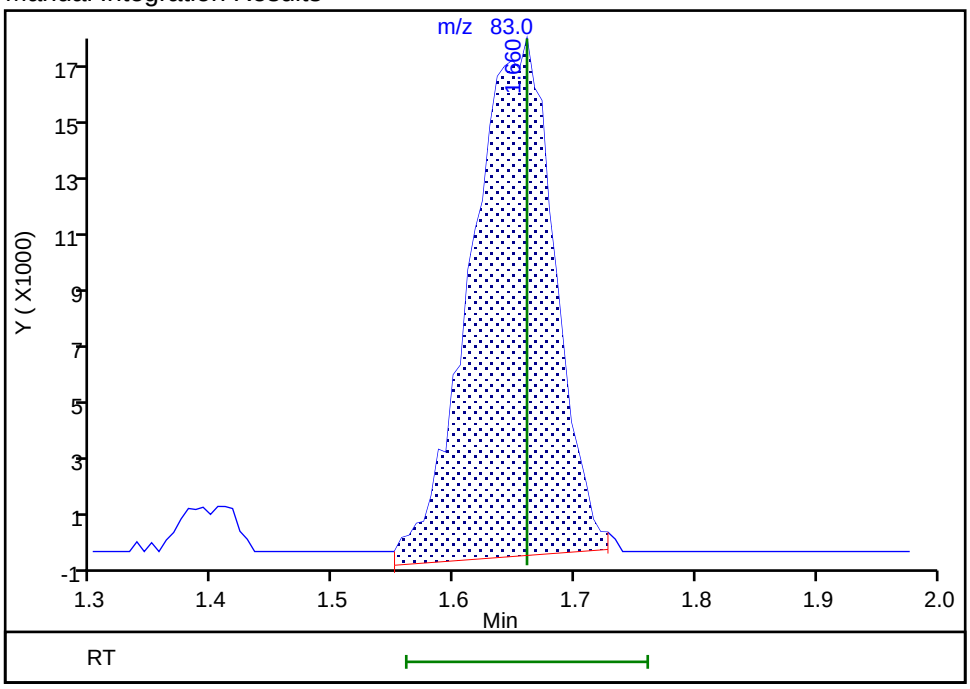
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.66
Area: 84717
Amount: 18.645966
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:06:18
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

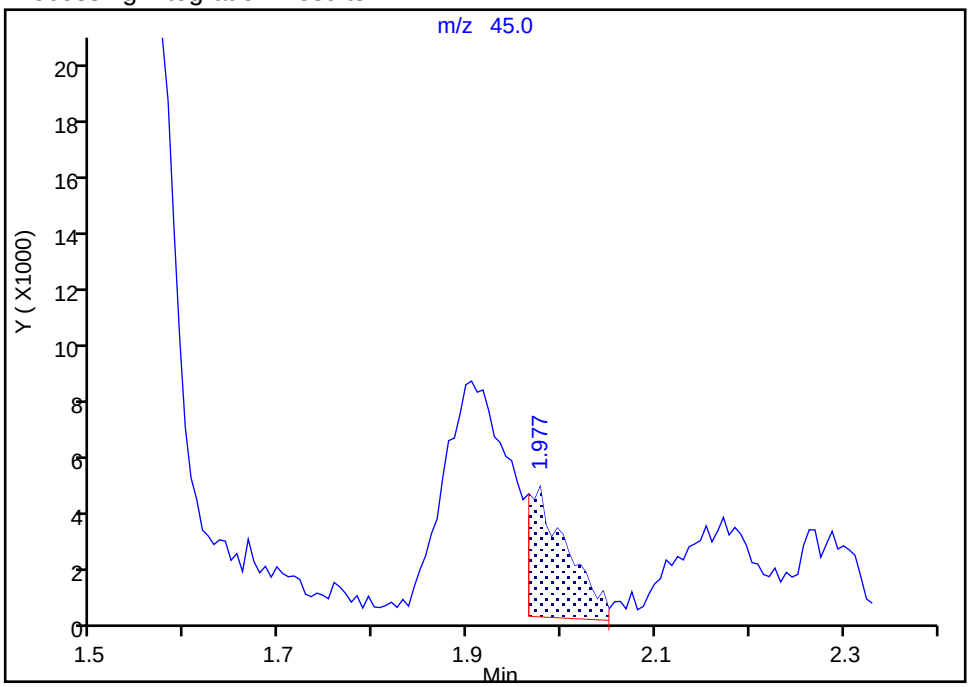
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

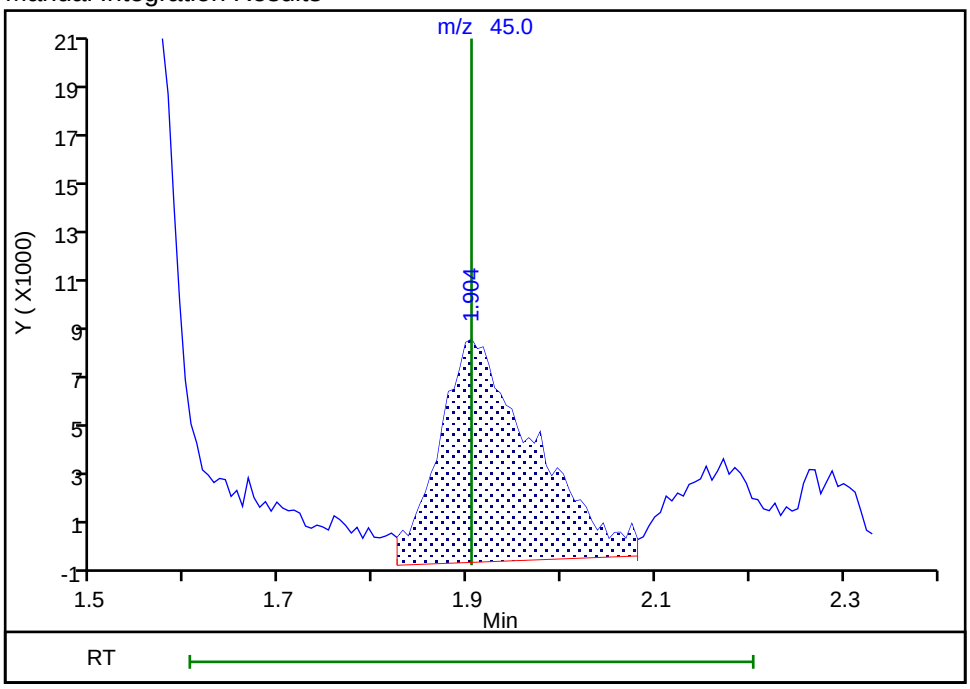
Processing Integration Results

RT: 1.98
Area: 12567
Amount: 33.776338
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 60112
Amount: 161.5631
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:06:41
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

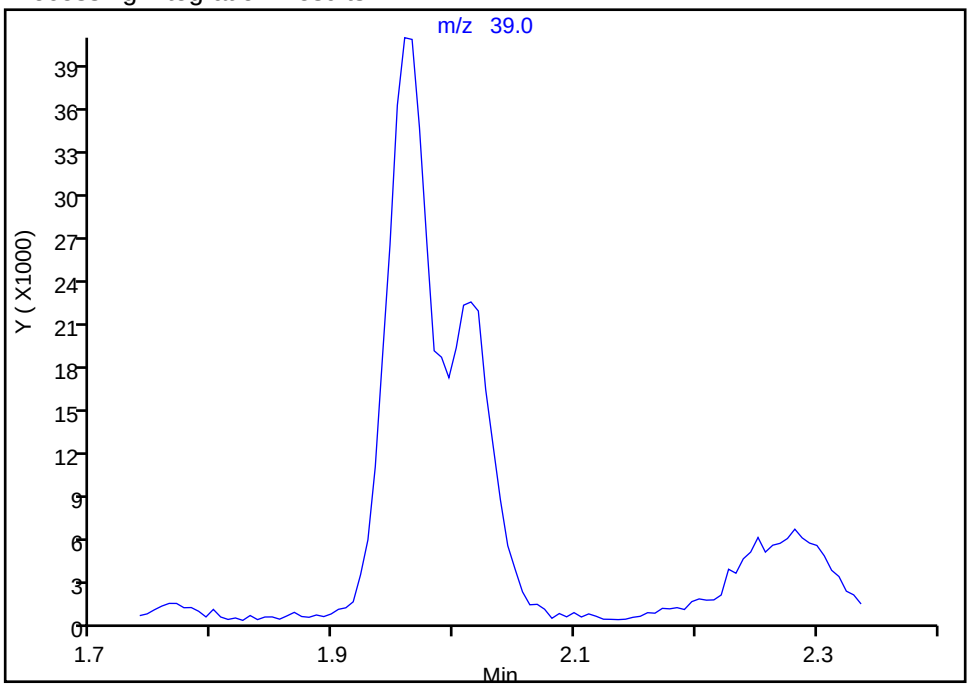
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

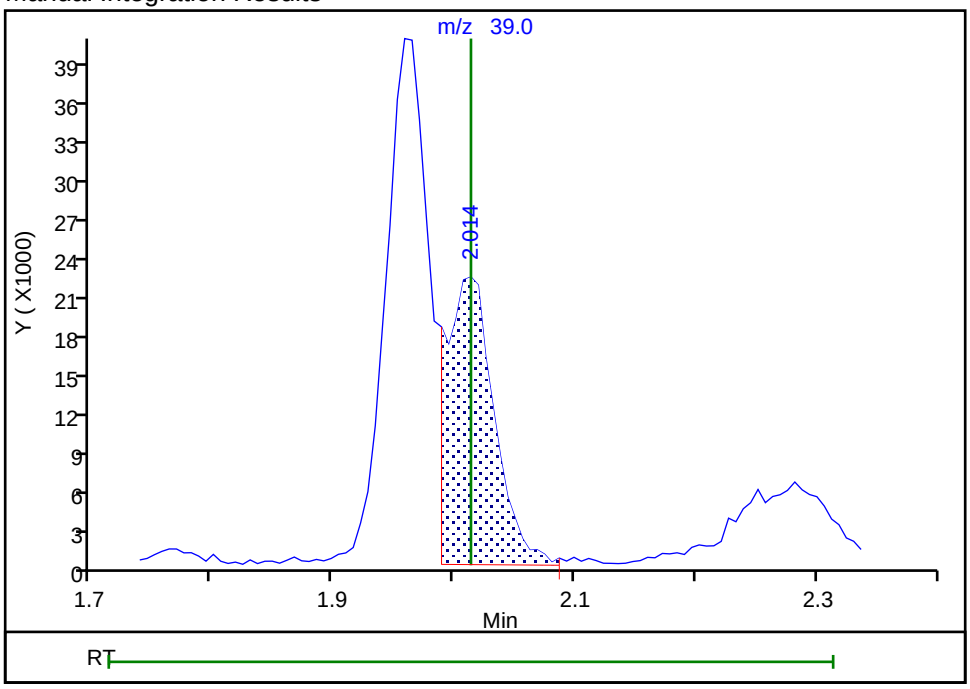
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.01
Area: 62381
Amount: 170.9755
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:06:58
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

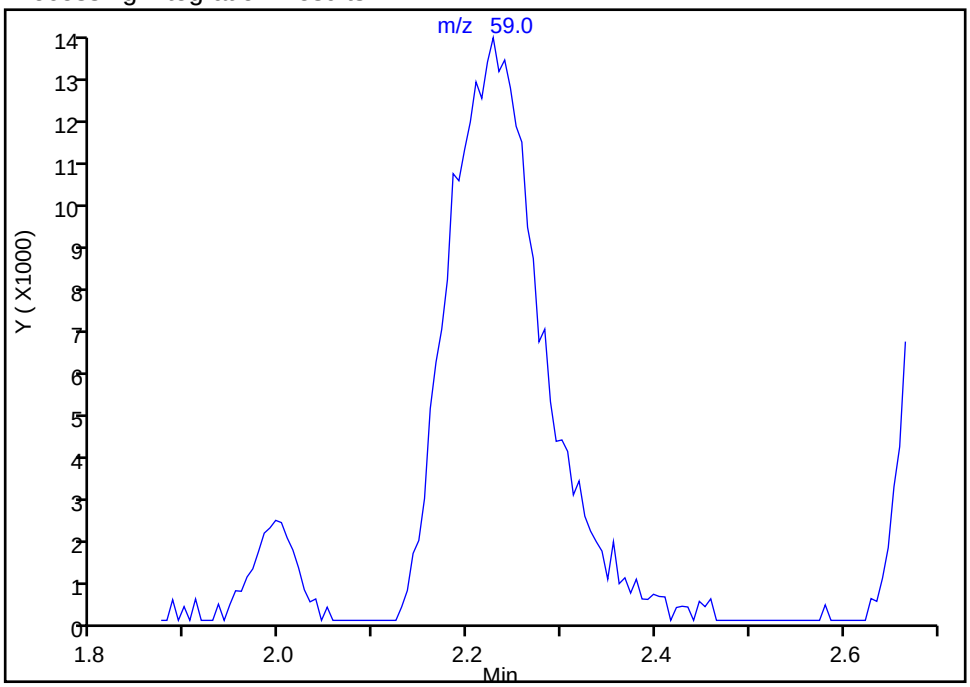
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

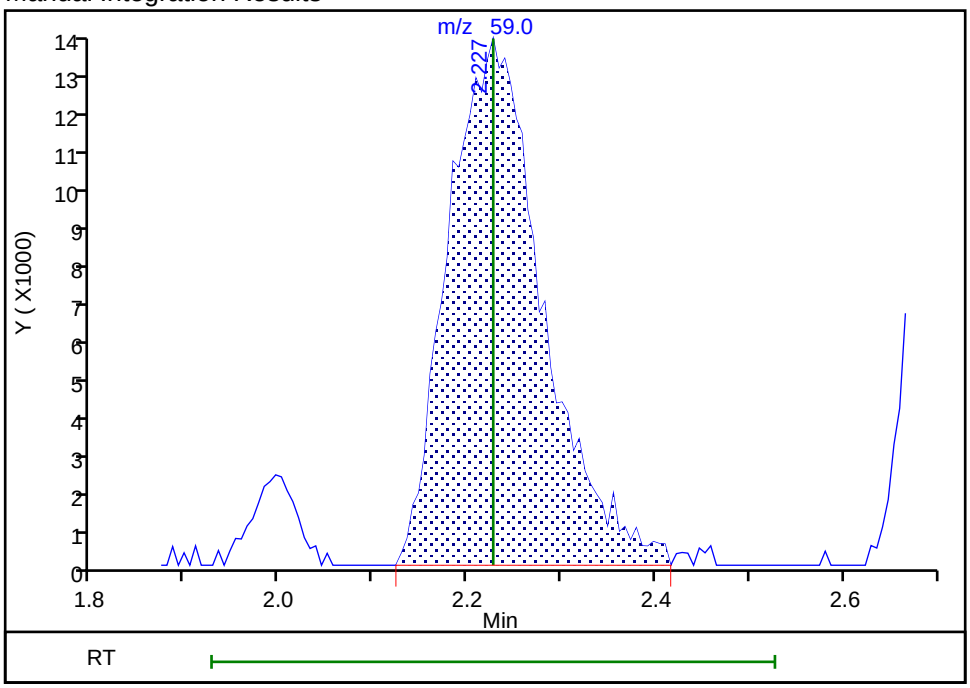
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.23
Area: 97026
Amount: 174.2986
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:07:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

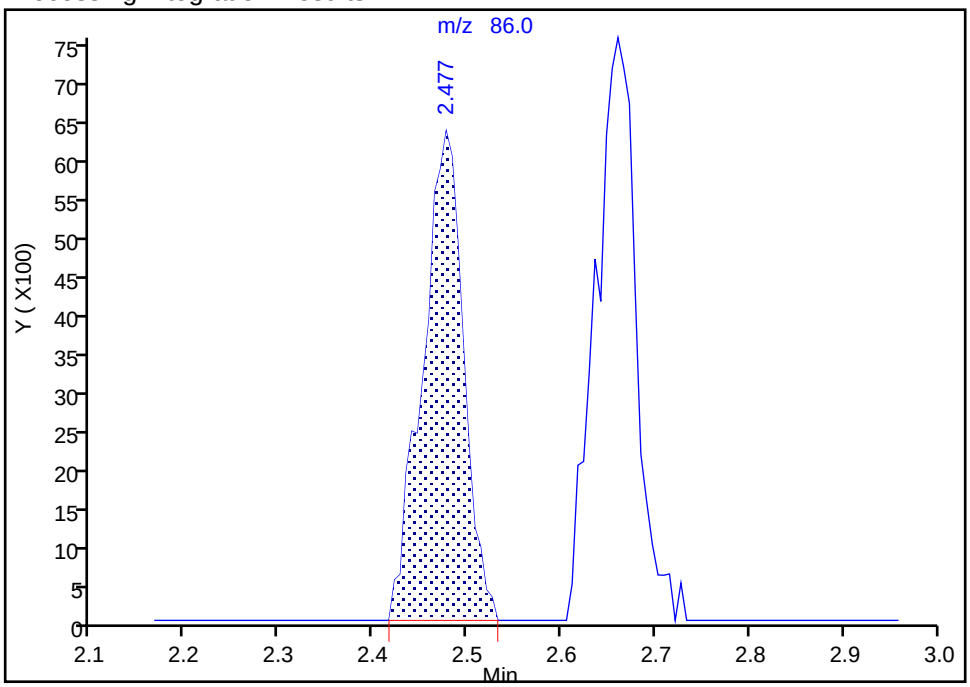
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

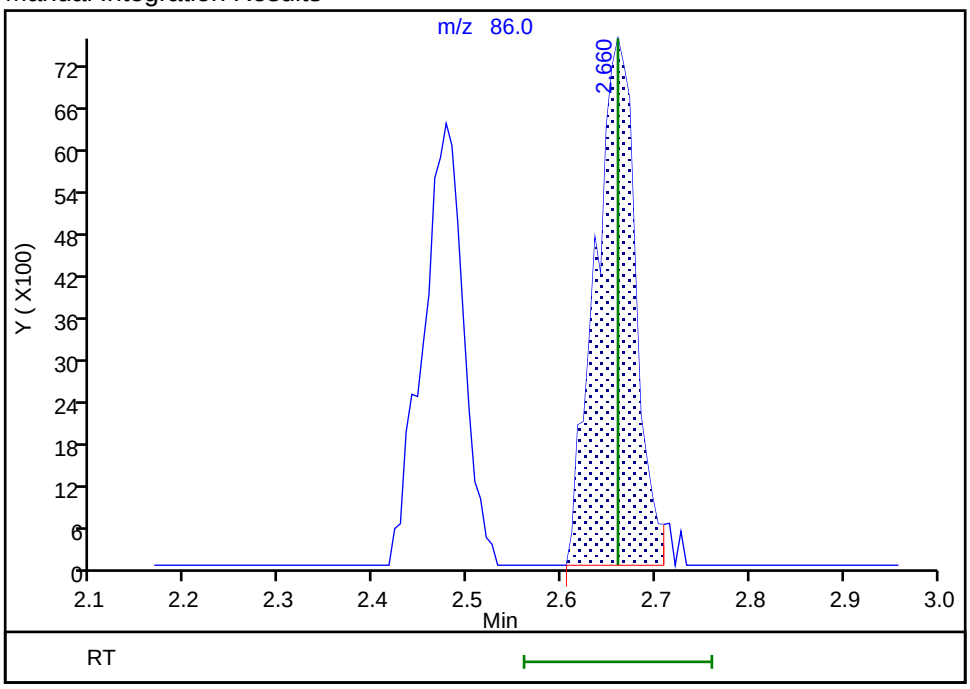
Processing Integration Results

RT: 2.48
Area: 19237
Amount: 34.279311
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 22669
Amount: 40.394952
Amount Units: ug/l



Reviewer: NN6A, 17-Oct-2022 11:11:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

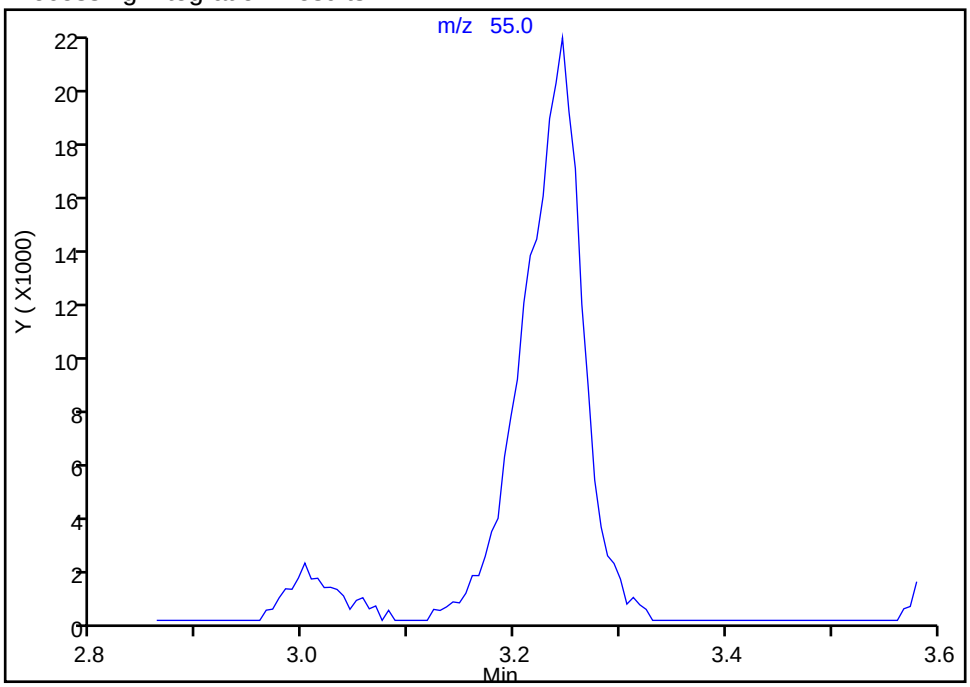
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

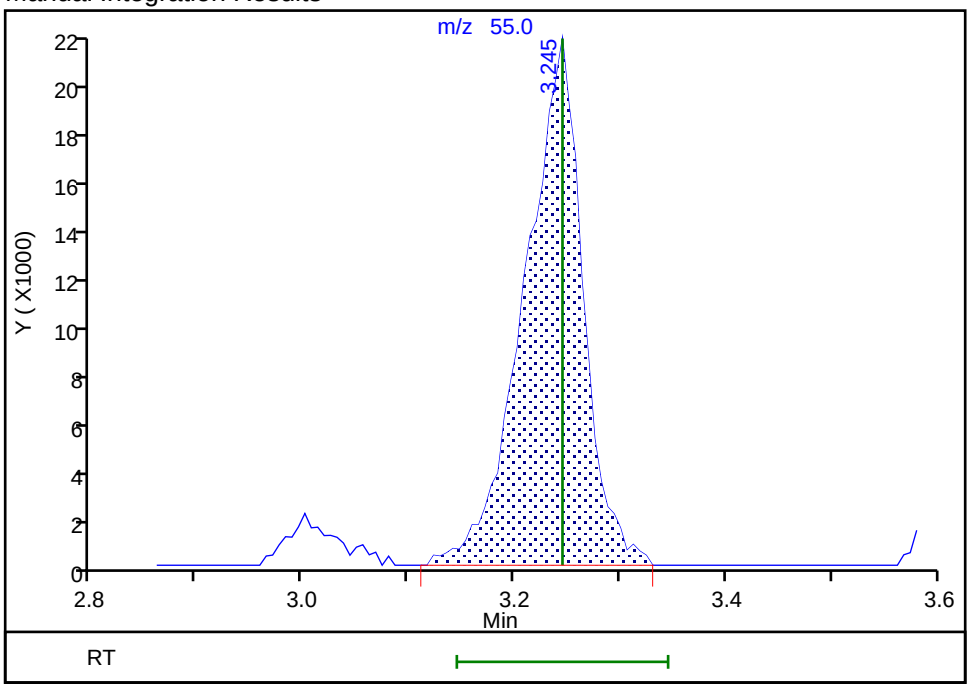
Not Detected
Expected RT: 3.25

Processing Integration Results



Manual Integration Results

RT: 3.25
Area: 81068
Amount: 18.783580
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:07:22
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

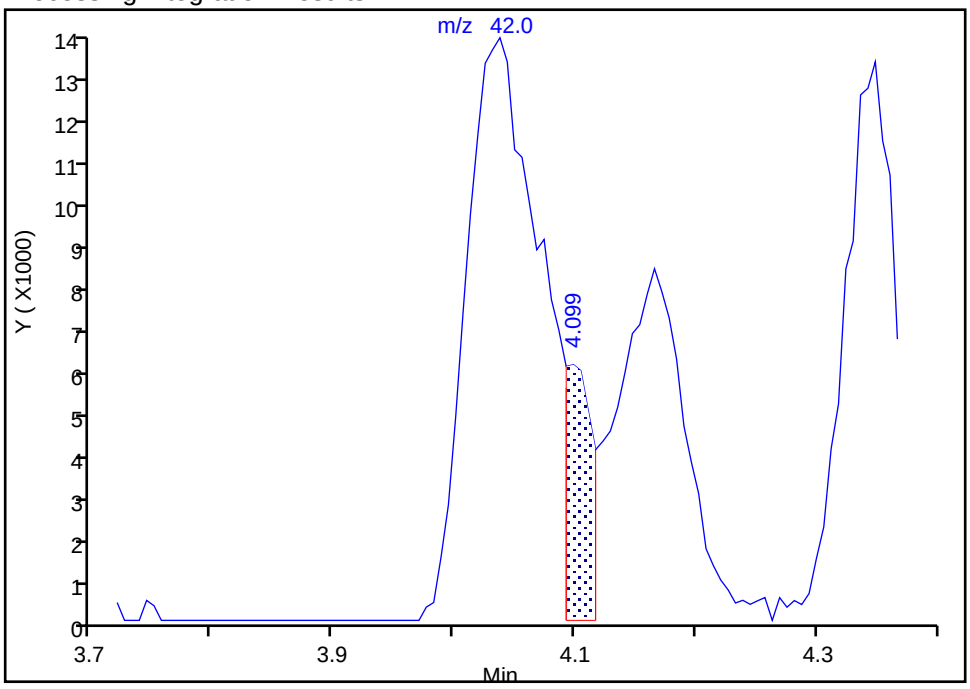
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

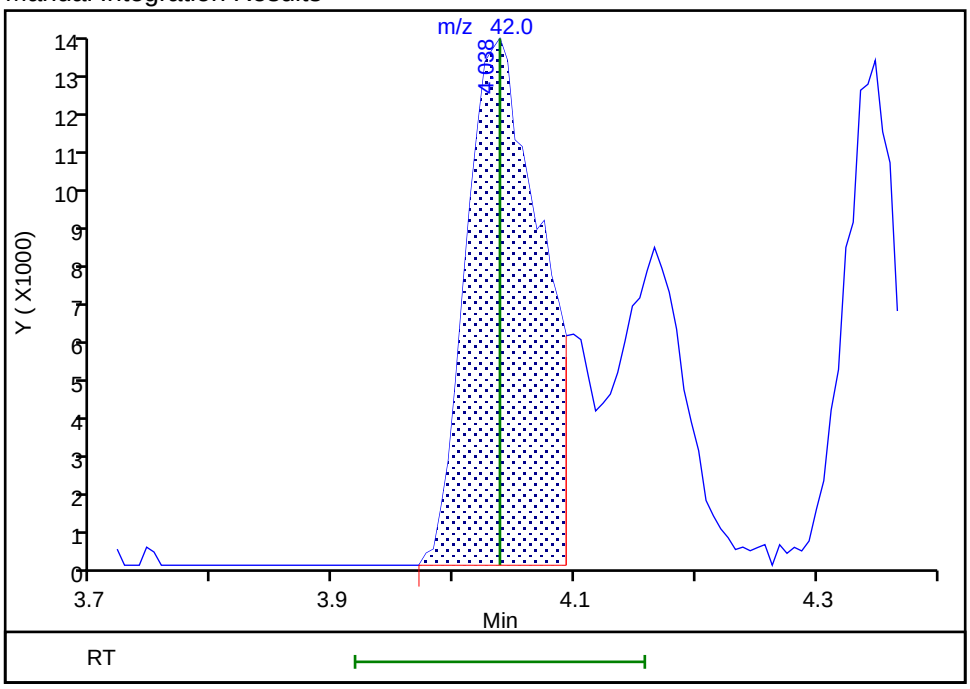
Processing Integration Results

RT: 4.10
Area: 9966
Amount: 63.274160
Amount Units: ug/l



Manual Integration Results

RT: 4.04
Area: 59948
Amount: 380.6100
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:07:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

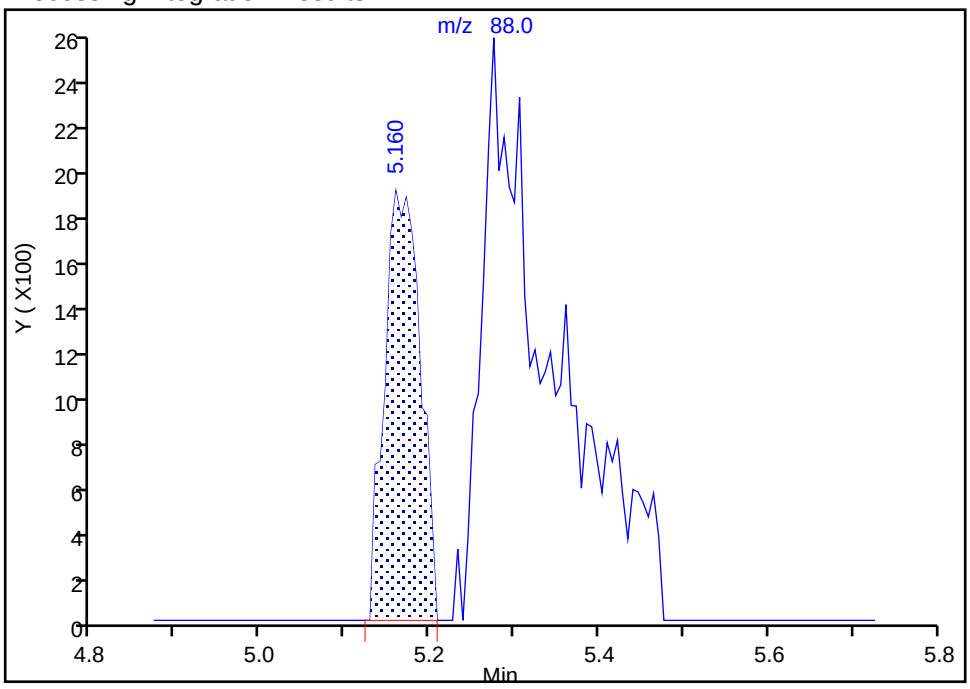
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93109.D
Injection Date: 17-Oct-2022 04:40:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

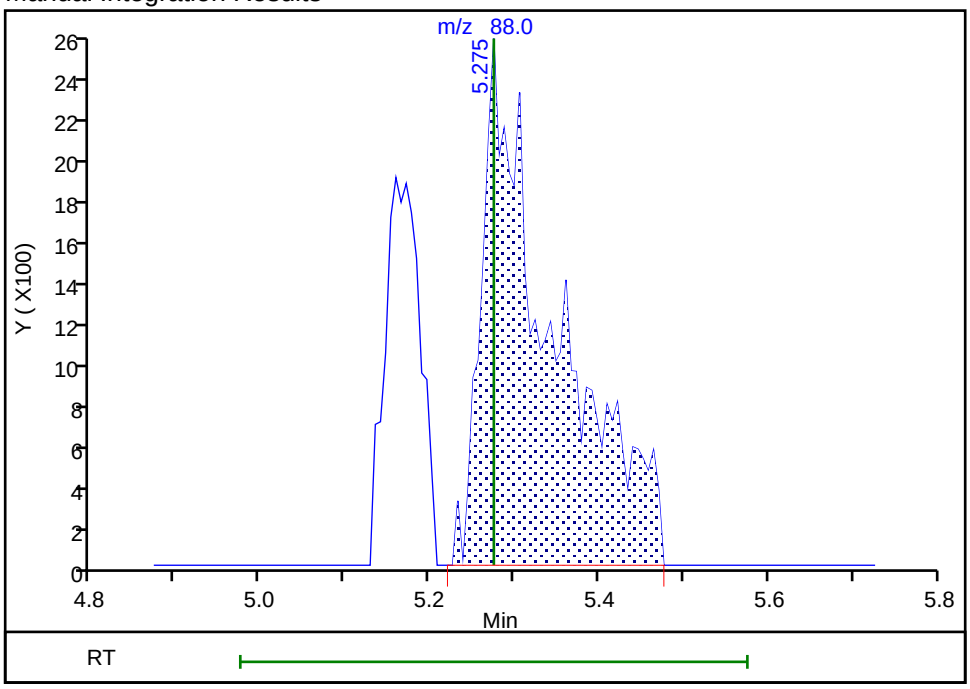
Processing Integration Results

RT: 5.16
Area: 5540
Amount: 139.9977
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 15046
Amount: 381.9221
Amount Units: ug/l



Reviewer: N1JZ, 17-Oct-2022 05:07:40
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872430/3 Calibration Date: 10/17/2022 18:38

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93141.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.6354	0.4486		14.1	20.0	-29.4*	20.0
Dichlorodifluoromethane	Ave	0.3438	0.2701	0.1000	15.7	20.0	-21.4*	20.0
Chlorodifluoromethane	Ave	0.0457	0.0388		17.0	20.0	-15.0	20.0
Chloromethane	Lin2		0.4230	0.1000	20.5	20.0	2.4	20.0
Butadiene	Ave	0.3172	0.3212		20.3	20.0	1.3	20.0
Vinyl chloride	Ave	0.2996	0.3066	0.1000	20.5	20.0	2.4	20.0
Bromomethane	Ave	0.1619	0.1685	0.1000	20.8	20.0	4.1	50.0
Chloroethane	Lin2		0.1606	0.1000	21.4	20.0	6.9	50.0
Dichlorofluoromethane	Ave	0.4328	0.4166		19.3	20.0	-3.7	20.0
Pentane	Ave	0.4622	0.4808		41.6	40.0	4.0	20.0
Trichlorofluoromethane	Ave	0.2921	0.2967	0.1000	20.3	20.0	1.6	20.0
Ethyl ether	Ave	0.1931	0.1929		20.0	20.0	-0.0	20.0
Ethanol	Ave	0.0417	0.0425		814	800	1.7	50.0
2-Methyl-1,3-butadiene	Ave	0.2491	0.2716		21.8	20.0	9.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1733	0.2147		24.8	20.0	23.8*	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3172	0.3829		24.1	20.0	20.7*	20.0
Acrolein	Ave	1.036	1.135		329	300	9.6	50.0
1,1-Dichloroethene	Ave	0.1874	0.2240	0.1000	23.9	20.0	19.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1961	0.2474	0.1000	25.2	20.0	26.1*	20.0
Acetone	Lin2		0.4839	0.0500	94.1	100	-5.9	50.0
Iodomethane	Ave	0.3209	0.3867		24.1	20.0	20.5*	20.0
Carbon disulfide	Ave	0.7439	0.8536	0.1000	22.9	20.0	14.7	50.0
Isopropyl alcohol	Ave	0.7219	0.6378		177	200	-11.7	50.0
3-Chloro-1-propene	Ave	0.3677	0.3870		21.0	20.0	5.2	20.0
Methyl acetate	Ave	0.2057	0.1875	0.1000	36.5	40.0	-8.8	20.0
Acetonitrile	Ave	0.7079	0.6739		190	200	-4.8	20.0
Methylene Chloride	Ave	0.2462	0.2629	0.1000	21.4	20.0	6.8	20.0
2-Methyl-2-propanol	Ave	1.080	1.012		187	200	-6.3	50.0
Acrylonitrile	Ave	3.286	3.113		189	200	-5.3	20.0
trans-1,2-Dichloroethene	Ave	0.2349	0.2805	0.1000	23.9	20.0	19.4	20.0
Methyl tert-butyl ether	Ave	0.7172	0.7909	0.1000	22.1	20.0	10.3	20.0
Hexane	Ave	0.4531	0.5108		22.5	20.0	12.7	20.0
1,1-Dichloroethane	Ave	0.5278	0.5849	0.2000	22.2	20.0	10.8	20.0
Vinyl acetate	Ave	0.2717	0.2988		44.0	40.0	10.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2067	0.2548		24.6	20.0	23.2*	20.0
Isopropyl ether	Ave	1.096	1.175		21.4	20.0	7.2	20.0
Tert-butyl ethyl ether	Ave	0.2831	0.3164		22.4	20.0	11.8	20.0
cis-1,2-Dichloroethene	Ave	0.2616	0.3014	0.1000	23.0	20.0	15.2	20.0
2,2-Dichloropropane	Ave	0.1156	0.1384		24.0	20.0	19.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872430/3 Calibration Date: 10/17/2022 18:38

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93141.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone (MEK)	Ave	0.1929	0.1986	0.0500	103	100	2.9	50.0
Propionitrile	Ave	0.2808	0.2741		195	200	-2.4	20.0
Ethyl acetate	Ave	2.163	2.082		38.5	40.0	-3.7	20.0
Methyl acrylate	Ave	0.3013	0.3010		20.0	20.0	-0.1	20.0
Chlorobromomethane	Ave	0.1120	0.1266		22.6	20.0	13.0	20.0
Methacrylonitrile	Ave	0.1005	0.1018		203	200	1.3	20.0
Tetrahydrofuran	Ave	0.6853	0.7024		41.0	40.0	2.5	20.0
Chloroform	Ave	0.4324	0.4627	0.2000	21.4	20.0	7.0	20.0
1,1,1-Trichloroethane	Ave	0.3227	0.3825	0.1000	23.7	20.0	18.5	20.0
Cyclohexane	Ave	0.3752	0.4685	0.1000	25.0	20.0	24.8	50.0
Carbon tetrachloride	Ave	0.2631	0.3131	0.1000	23.8	20.0	19.0	20.0
1,1-Dichloropropene	Ave	0.3385	0.3987		23.6	20.0	17.8	20.0
Benzene	Ave	1.551	1.532	0.5000	19.8	20.0	-1.2	20.0
1,2-Dichloroethane	Ave	0.3312	0.3460	0.1000	20.9	20.0	4.5	20.0
Isobutyl alcohol	Ave	0.3056	0.2699		441	500	-11.7	50.0
Tert-amyl methyl ether	Ave	0.8270	0.8900		21.5	20.0	7.6	20.0
Isopropyl acetate	Lin2		0.0961		19.9	20.0	-0.5	20.0
n-Heptane	Ave	0.5593	0.5758		20.6	20.0	2.9	20.0
Trichloroethene	Ave	0.2327	0.2587	0.2000	22.2	20.0	11.2	20.0
n-Butanol	Ave	0.1613	0.1248		387	500	-22.6	50.0
Ethyl acrylate	Ave	0.7331	0.7858		21.4	20.0	7.2	20.0
Methylcyclohexane	Ave	0.4368	0.5171	0.1000	23.7	20.0	18.4	50.0
1,2-Dichloropropane	Ave	0.2942	0.3061	0.1000	20.8	20.0	4.0	20.0
Dibromomethane	Ave	0.1283	0.1418		22.1	20.0	10.5	20.0
1,4-Dioxane	QuaF		0.9706		360	400	-10.0	50.0
Methyl methacrylate	Ave	0.0468	0.0520		44.4	40.0	11.1	20.0
n-Propyl acetate	Ave	0.4000	0.3874		19.4	20.0	-3.1	20.0
Bromodichloromethane	Ave	0.2949	0.3084	0.2000	20.9	20.0	4.6	20.0
2-Nitropropane	Ave	0.0530	0.0514		38.8	40.0	-3.1	20.0
2-Chloroethyl vinyl ether	Ave	0.1540	0.1513		19.7	20.0	-1.8	20.0
Epichlorohydrin	Ave	0.1817	0.1711		377	400	-5.8	20.0
cis-1,3-Dichloropropene	Ave	0.5764	0.5275	0.2000	18.3	20.0	-8.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.045	1.936	0.0500	94.6	100	-5.4	50.0
Toluene	Ave	1.478	1.450	0.4000	19.6	20.0	-1.9	20.0
trans-1,3-Dichloropropene	Ave	0.4720	0.4288	0.1000	18.2	20.0	-9.2	50.0
1,1,2-Trichloroethane	Ave	0.2402	0.2215	0.1000	18.4	20.0	-7.8	20.0
Ethyl methacrylate	Ave	0.2729	0.2938		21.5	20.0	7.7	20.0
Tetrachloroethene	Ave	0.2981	0.3109	0.2000	20.9	20.0	4.3	20.0
1,3-Dichloropropane	Ave	0.5058	0.4643		18.4	20.0	-8.2	20.0
2-Hexanone	Ave	1.287	1.251	0.0500	97.2	100	-2.8	50.0
Dibromochloromethane	Ave	0.2674	0.2406	0.1000	18.0	20.0	-10.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872430/3 Calibration Date: 10/17/2022 18:38

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93141.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.2614	0.2352	0.1000	18.0	20.0	-10.0	20.0
n-Butyl acetate	Ave	0.6308	0.5502		17.4	20.0	-12.8	20.0
Chlorobenzene	Ave	0.8626	0.8519	0.5000	19.8	20.0	-1.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2888	0.2691		18.6	20.0	-6.8	20.0
Ethylbenzene	Ave	0.4708	0.4817	0.1000	20.5	20.0	2.3	20.0
m-Xylene & p-Xylene	Ave	0.5631	0.5771	0.1000	20.5	20.0	2.5	20.0
o-Xylene	Ave	0.5576	0.5659	0.3000	20.3	20.0	1.5	20.0
Styrene	Ave	0.9084	0.8916	0.3000	19.6	20.0	-1.8	20.0
n-Butyl acrylate	Ave	0.2276	0.2070		18.2	20.0	-9.1	20.0
Bromoform	Ave	0.1636	0.1396	0.1000	17.1	20.0	-14.7	20.0
Amyl acetate (mixed isomers)	Ave	1.269	1.072		16.9	20.0	-15.5	20.0
Isopropylbenzene	Ave	1.443	1.478	0.1000	20.5	20.0	2.5	20.0
Bromobenzene	Ave	0.6474	0.5992		18.5	20.0	-7.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7193	0.6325	0.3000	17.6	20.0	-12.1	20.0
1,2,3-Trichloropropane	Lin2		0.1533		18.0	20.0	-10.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2312	0.1986		17.2	20.0	-14.1	20.0
N-Propylbenzene	Ave	0.7147	0.7268		20.3	20.0	1.7	20.0
2-Chlorotoluene	Ave	0.6247	0.6276		20.1	20.0	0.5	20.0
4-Ethyltoluene	Ave	2.697	2.599		19.3	20.0	-3.6	20.0
4-Chlorotoluene	Ave	2.148	2.064		19.2	20.0	-3.9	20.0
1,3,5-Trimethylbenzene	Ave	2.269	2.199		19.4	20.0	-3.1	20.0
Butyl Methacrylate	Ave	0.6967	0.6276		18.0	20.0	-9.9	20.0
tert-Butylbenzene	Ave	1.779	1.648		18.5	20.0	-7.3	20.0
1,2,4-Trimethylbenzene	Ave	2.336	2.291		19.6	20.0	-1.9	20.0
sec-Butylbenzene	Ave	2.893	2.804		19.4	20.0	-3.1	20.0
1,3-Dichlorobenzene	Ave	1.247	1.190	0.6000	19.1	20.0	-4.6	20.0
1,4-Dichlorobenzene	Ave	1.294	1.210	0.5000	18.7	20.0	-6.5	20.0
4-Isopropyltoluene	Ave	2.462	2.402		19.5	20.0	-2.4	20.0
1,2,3-Trimethylbenzene	Ave	2.484	2.310		18.6	20.0	-7.0	20.0
Benzyl chloride	Ave	0.2064	0.1882		18.2	20.0	-8.8	50.0
Indan	Ave	0.8175	0.9196		22.5	20.0	12.5	20.0
1,2-Dichlorobenzene	Ave	1.248	1.176	0.4000	18.9	20.0	-5.7	20.0
p-Diethylbenzene	Ave	1.333	1.283		19.3	20.0	-3.7	20.0
n-Butylbenzene	Ave	1.443	1.442		20.0	20.0	-0.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1343	0.1106	0.0500	16.5	20.0	-17.7	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.307	2.223		19.3	20.0	-3.6	20.0
1,3,5-Trichlorobenzene	Ave	1.036	0.9704		18.7	20.0	-6.4	20.0
1,2,4-Trichlorobenzene	Ave	0.9504	0.9108	0.2000	19.2	20.0	-4.2	20.0
Hexachlorobutadiene	Ave	0.4562	0.4196		18.4	20.0	-8.0	20.0
Naphthalene	Ave	2.244	2.114		18.8	20.0	-5.8	50.0
1,2,3-Trichlorobenzene	Ave	0.9040	0.8590		19.0	20.0	-5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872430/3 Calibration Date: 10/17/2022 18:38

Instrument ID: CVOAMS2 Calib Start Date: 10/12/2022 18:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/13/2022 04:16

Lab File ID: B93141.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0263			5.00	20.0		
Dibromofluoromethane (Surr)	Ave	0.2374	0.2779		58.5	50.0	17.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2986	0.3426		57.4	50.0	14.7	20.0
Toluene-d8 (Surr)	Ave	1.504	1.550		51.6	50.0	3.1	20.0
Bromofluorobenzene	Ave	0.7313	0.7372		50.4	50.0	0.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93141.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2022 18:38:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151860-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:08:22 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 14:08:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.855	0.855	0.000	90	117793	20.0	14.1	
3 Dichlorodifluoromethane	85	0.874	0.874	0.000	61	70940	20.0	15.7	
4 Chlorodifluoromethane	67	0.880	0.880	0.000	94	10197	20.0	17.0	a
5 Chloromethane	50	0.983	0.983	0.000	99	111070	20.0	20.5	
7 Vinyl chloride	62	1.038	1.038	0.000	95	80527	20.0	20.5	
6 Butadiene	54	1.038	1.038	0.000	96	84345	20.0	20.3	
8 Bromomethane	94	1.227	1.227	0.000	98	44258	20.0	20.8	
9 Chloroethane	64	1.258	1.258	0.000	100	42182	20.0	21.4	
10 Dichlorofluoromethane	67	1.392	1.392	0.000	98	109391	20.0	19.3	
12 Pentane	43	1.428	1.428	0.000	98	252507	40.0	41.6	
11 Trichlorofluoromethane	101	1.434	1.434	0.000	67	77907	20.0	20.3	
13 Ethyl ether	59	1.563	1.563	0.000	71	50666	20.0	20.0	
15 2-Methyl-1,3-butadiene	53	1.581	1.581	0.000	98	71327	20.0	21.8	
14 Ethanol	46	1.575	1.575	0.000	45	15841	800.0	813.9	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.611	1.611	0.000	82	56369	20.0	24.8	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.648	1.648	0.000	75	100561	20.0	24.1	a
18 Acrolein	56	1.654	1.654	0.000	96	158815	300.0	328.7	
19 1,1-Dichloroethene	96	1.715	1.715	0.000	93	58810	20.0	23.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.751	1.751	0.000	85	64969	20.0	25.2	
21 Acetone	43	1.764	1.764	0.000	87	94937	100.0	94.1	
22 Iodomethane	142	1.806	1.806	0.000	98	101554	20.0	24.1	
23 Carbon disulfide	76	1.843	1.843	0.000	100	224153	20.0	22.9	
25 3-Chloro-1-propene	39	1.959	1.959	0.000	93	101625	20.0	21.0	
26 Methyl acetate	43	1.983	1.983	0.000	99	98487	40.0	36.5	a
27 Acetonitrile	39	2.008	2.008	0.000	37	62842	200.0	190.4	a
28 Methylene Chloride	84	2.050	2.050	0.000	99	69028	20.0	21.4	
24 Isopropyl alcohol	45	1.898	1.898	0.000	96	59480	200.0	176.7	a
* 29 TBA-d9 (IS)	65	2.148	2.148	0.000	0	466279	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.203	2.203	0.000	91	94361	200.0	187.4	a
31 Acrylonitrile	53	2.239	2.239	0.000	94	290285	200.0	189.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.251	2.251	0.000	98	73671	20.0	23.9	
33 Methyl tert-butyl ether	73	2.282	2.282	0.000	98	207696	20.0	22.1	
34 Hexane	57	2.471	2.471	0.000	94	134128	20.0	22.5	
35 1,1-Dichloroethane	63	2.581	2.581	0.000	99	153602	20.0	22.2	
36 Vinyl acetate	86	2.654	2.654	0.000	100	23449	40.0	44.0	
37 2-Chloro-1,3-butadiene	88	2.660	2.660	0.000	63	66905	20.0	24.6	
38 Isopropyl ether	45	2.678	2.678	0.000	91	308527	20.0	21.4	
39 Tert-butyl ethyl ether	87	3.001	3.001	0.000	89	83086	20.0	22.4	
* 40 2-Butanone-d5	46	3.093	3.093	0.000	0	490506	250.0	250.0	
42 2,2-Dichloropropane	79	3.111	3.111	0.000	59	36350	20.0	24.0	
41 cis-1,2-Dichloroethene	96	3.099	3.099	0.000	56	79147	20.0	23.0	
43 2-Butanone (MEK)	72	3.148	3.148	0.000	99	38965	100.0	102.9	
44 Propionitrile	54	3.196	3.196	0.000	97	107566	200.0	195.2	
45 Ethyl acetate	43	3.227	3.227	0.000	99	163428	40.0	38.5	
62 Methyl acrylate	55	3.239	3.239	0.000	99	79044	20.0	20.0	
46 Chlorobromomethane	128	3.318	3.318	0.000	92	33233	20.0	22.6	
47 Methacrylonitrile	67	3.330	3.330	0.000	95	267320	200.0	202.6	
48 Tetrahydrofuran	42	3.398	3.398	0.000	81	55126	40.0	41.0	
49 Chloroform	83	3.422	3.422	0.000	97	121500	20.0	21.4	
$ 50 Dibromofluoromethane (Surr)	113	3.580	3.580	0.000	96	182450	50.0	58.5	
51 1,1,1-Trichloroethane	97	3.587	3.587	0.000	96	100433	20.0	23.7	
52 Cyclohexane	84	3.629	3.629	0.000	96	123017	20.0	25.0	
53 Carbon tetrachloride	117	3.751	3.751	0.000	82	82222	20.0	23.8	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	94	104704	20.0	23.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	224905	50.0	57.4	
56 Benzene	78	3.971	3.971	0.000	98	302498	20.0	19.8	
57 1,2-Dichloroethane	62	4.001	4.001	0.000	97	90859	20.0	20.9	
58 Isobutyl alcohol	42	4.038	4.038	0.000	92	62913	500.0	441.5	M
59 Tert-amyl methyl ether	73	4.160	4.160	0.000	80	233705	20.0	21.5	
73 Isopropyl acetate	61	4.172	4.172	0.000	92	25224	20.0	19.9	
* 60 Fluorobenzene	96	4.306	4.306	0.000	98	656508	50.0	50.0	
61 n-Heptane	43	4.342	4.342	0.000	97	151194	20.0	20.6	
63 Trichloroethene	95	4.745	4.745	0.000	96	67946	20.0	22.2	
64 n-Butanol	43	4.842	4.842	0.000	94	29093	500.0	386.8	
65 Methylcyclohexane	83	4.976	4.976	0.000	84	135792	20.0	23.7	
66 Ethyl acrylate	55	4.976	4.976	0.000	94	206362	20.0	21.4	
67 1,2-Dichloropropane	63	5.025	5.025	0.000	92	80374	20.0	20.8	
68 Dibromomethane	93	5.172	5.172	0.000	96	37237	20.0	22.1	
* 69 1,4-Dioxane-d8	96	5.233	5.233	0.000	0	34949	1000.0	1000.0	
70 1,4-Dioxane	88	5.293	5.293	0.000	88	13569	400.0	360.2	
71 Methyl methacrylate	100	5.293	5.293	0.000	95	27321	40.0	44.4	
81 n-Propyl acetate	43	5.415	5.415	0.000	99	101734	20.0	19.4	
72 Dichlorobromomethane	83	5.428	5.428	0.000	98	80988	20.0	20.9	
74 2-Nitropropane	41	5.775	5.775	0.000	97	27000	40.0	38.8	
75 2-Chloroethyl vinyl ether	63	5.940	5.940	0.000	90	39820	20.0	19.7	
76 Epichlorohydrin	57	5.982	5.982	0.000	99	134310	400.0	376.7	
77 cis-1,3-Dichloropropene	75	6.080	6.080	0.000	97	104148	20.0	18.3	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.397	0.000	98	379761	100.0	94.6	
$ 79 Toluene-d8 (Surr)	98	6.458	6.458	0.000	98	765289	50.0	51.6	
80 Toluene	91	6.562	6.562	0.000	94	286320	20.0	19.6	
82 trans-1,3-Dichloropropene	75	6.982	6.982	0.000	98	84672	20.0	18.2	
83 1,1,2-Trichloroethane	83	7.257	7.257	0.000	94	43744	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.257	7.257	0.000	92	77161	20.0	21.5	
85 Tetrachloroethene	166	7.427	7.427	0.000	95	61379	20.0	20.9	
86 1,3-Dichloropropane	76	7.519	7.519	0.000	98	91680	20.0	18.4	
87 2-Hexanone	43	7.799	7.799	0.000	99	245360	100.0	97.2	
88 Chlorodibromomethane	129	7.884	7.884	0.000	97	47498	20.0	18.0	
89 Ethylene Dibromide	107	8.006	8.006	0.000	99	46446	20.0	18.0	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	108634	20.0	17.4	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	493637	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	93	168203	20.0	19.8	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	94	53134	20.0	18.6	
94 Ethylbenzene	106	9.195	9.195	0.000	99	95112	20.0	20.5	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	113946	20.0	20.5	
96 o-Xylene	106	10.073	10.073	0.000	93	111734	20.0	20.3	
97 Styrene	104	10.110	10.110	0.000	95	176060	20.0	19.6	
98 n-Butyl acrylate	73	10.238	10.238	0.000	96	40872	20.0	18.2	
99 Bromoform	173	10.347	10.347	0.000	95	27556	20.0	17.1	
101 Amyl acetate (mixed isomers)	43	10.664	10.664	0.000	88	119693	20.0	16.9	
102 Isopropylbenzene	105	10.731	10.731	0.000	97	291889	20.0	20.5	
$ 103 4-Bromofluorobenzene	174	10.927	10.927	0.000	85	205692	50.0	50.4	
104 Bromobenzene	156	11.103	11.103	0.000	94	66879	20.0	18.5	
105 1,2,3-Trichloropropane	110	11.286	11.286	0.000	86	17114	20.0	18.0	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.286	0.000	95	70592	20.0	17.6	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	84	22162	20.0	17.2	
108 N-Propylbenzene	120	11.408	11.408	0.000	99	81113	20.0	20.3	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	70041	20.0	20.1	
110 4-Ethyltoluene	105	11.609	11.609	0.000	98	290094	20.0	19.3	
111 4-Chlorotoluene	91	11.652	11.652	0.000	99	230405	20.0	19.2	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	92	245371	20.0	19.4	
100 Butyl Methacrylate	87	12.079	12.079	0.000	96	70042	20.0	18.0	
113 tert-Butylbenzene	119	12.286	12.286	0.000	92	183948	20.0	18.5	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	98	255721	20.0	19.6	
115 sec-Butylbenzene	105	12.701	12.701	0.000	99	312943	20.0	19.4	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	94	132799	20.0	19.1	
* 117 1,4-Dichlorobenzene-d4	152	12.883	12.883	0.000	97	279013	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	95	135015	20.0	18.7	
119 4-Isopropyltoluene	119	12.944	12.944	0.000	97	268111	20.0	19.5	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	257771	20.0	18.6	
121 Benzyl chloride	126	13.103	13.103	0.000	97	21007	20.0	18.2	
122 2,3-Dihydroindene	117	13.194	13.194	0.000	94	241477	20.0	22.5	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	94	131296	20.0	18.9	
124 p-Diethylbenzene	119	13.347	13.347	0.000	91	143196	20.0	19.3	
125 n-Butylbenzene	92	13.365	13.365	0.000	98	160931	20.0	20.0	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.932	0.000	70	12340	20.0	16.5	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	97	248117	20.0	19.3	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	97	108299	20.0	18.7	
129 1,2,4-Trichlorobenzene	180	14.438	14.438	0.000	95	101646	20.0	19.2	
130 Hexachlorobutadiene	225	14.554	14.554	0.000	93	46833	20.0	18.4	
131 Naphthalene	128	14.572	14.572	0.000	99	235899	20.0	18.8	
132 1,2,3-Trichlorobenzene	180	14.706	14.706	0.000	96	95865	20.0	19.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	46.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	36.5	
S 135 Xylenes, Total	100				0		40.0	40.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	100.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 14:08:22 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93141.D

Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2 Operator ID:

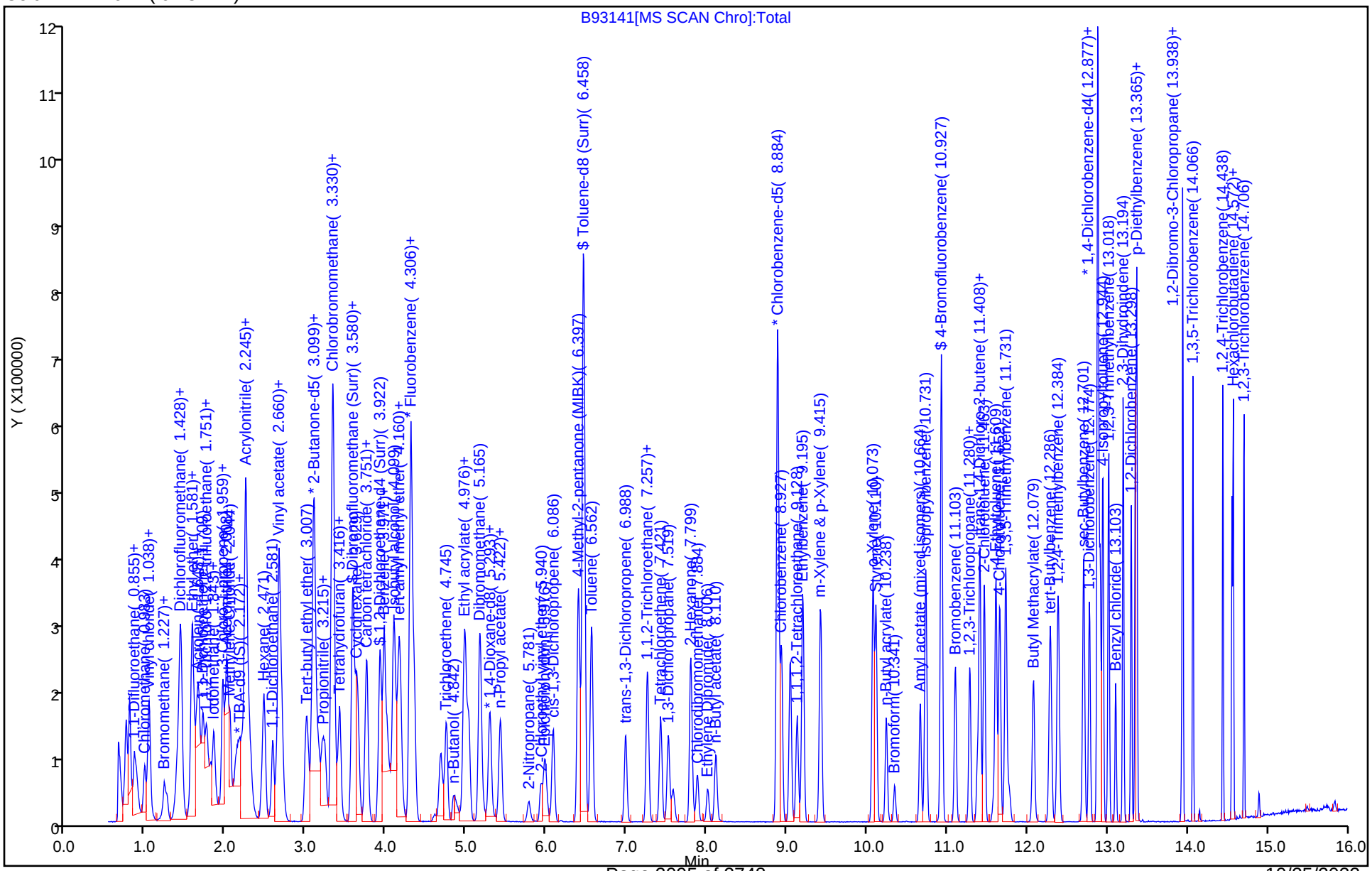
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

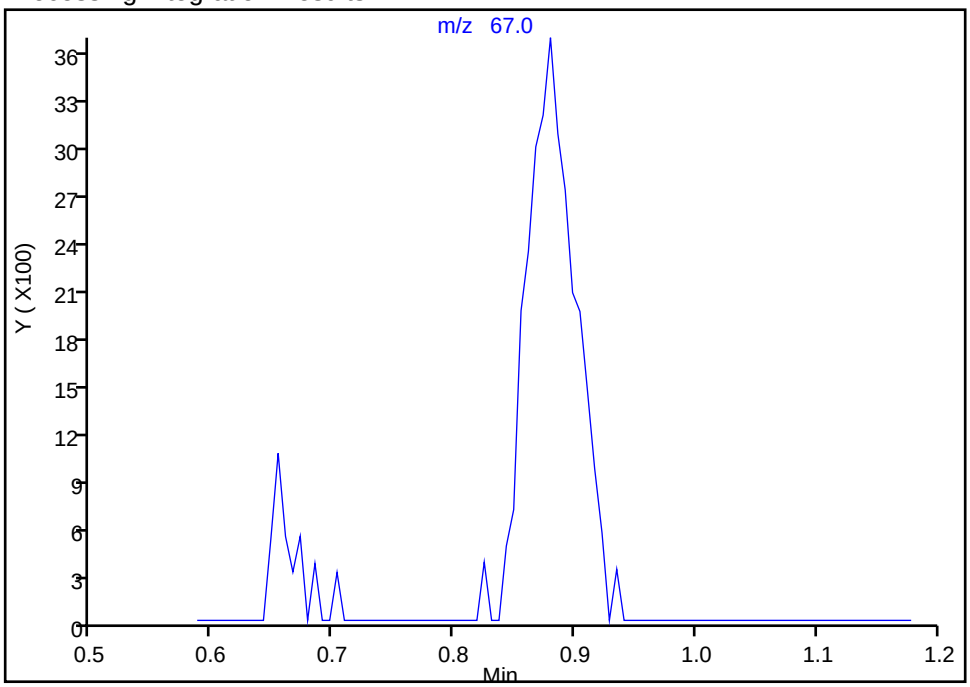
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

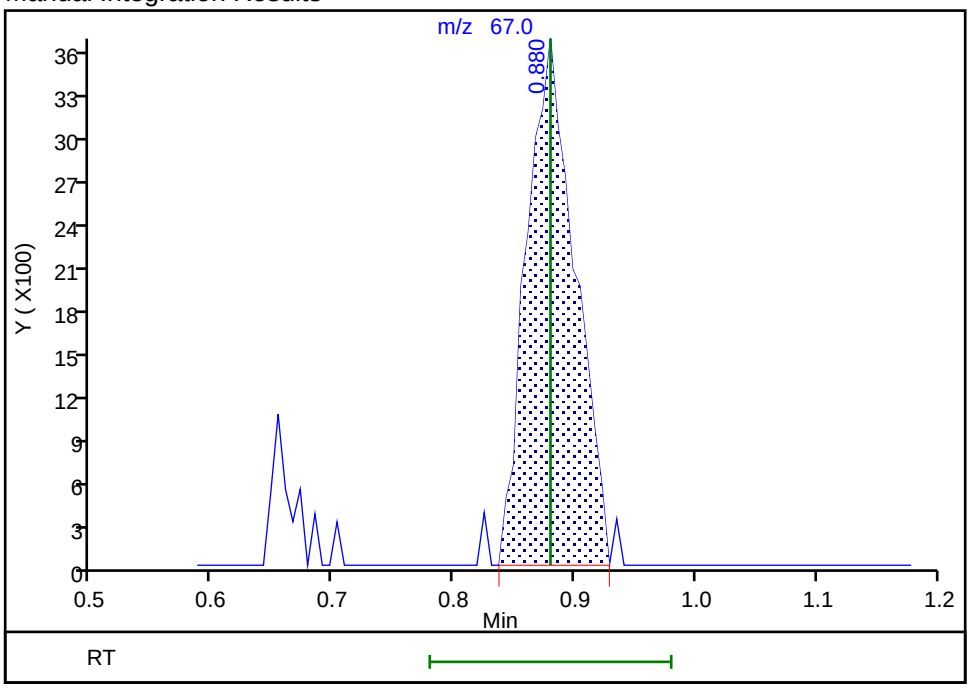
Not Detected
Expected RT: 0.88

Processing Integration Results



Manual Integration Results

RT: 0.88
Area: 10197
Amount: 16.997998
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 18:59:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

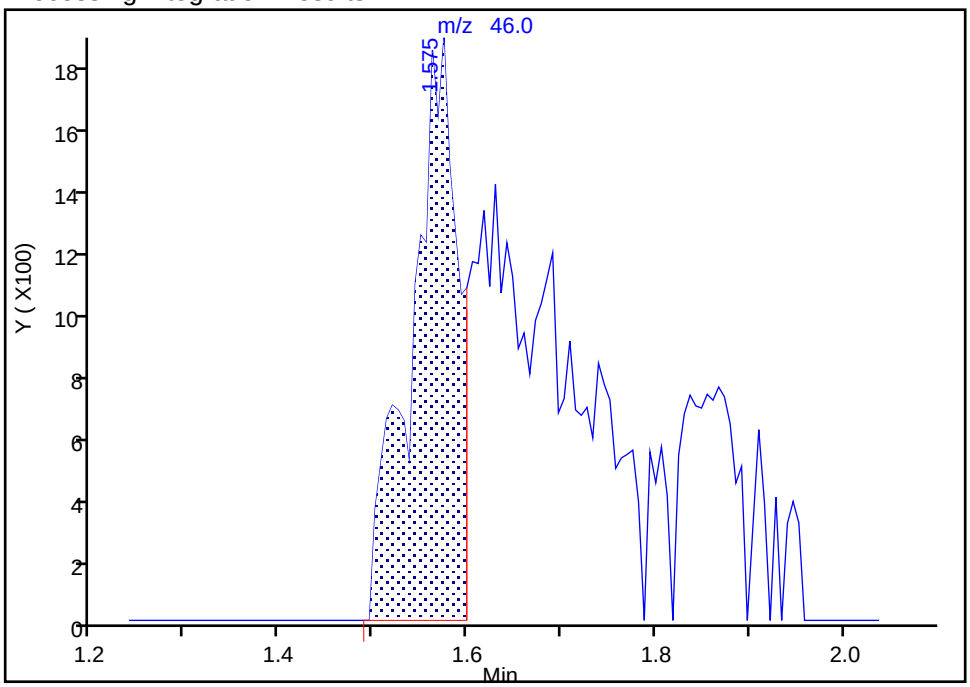
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

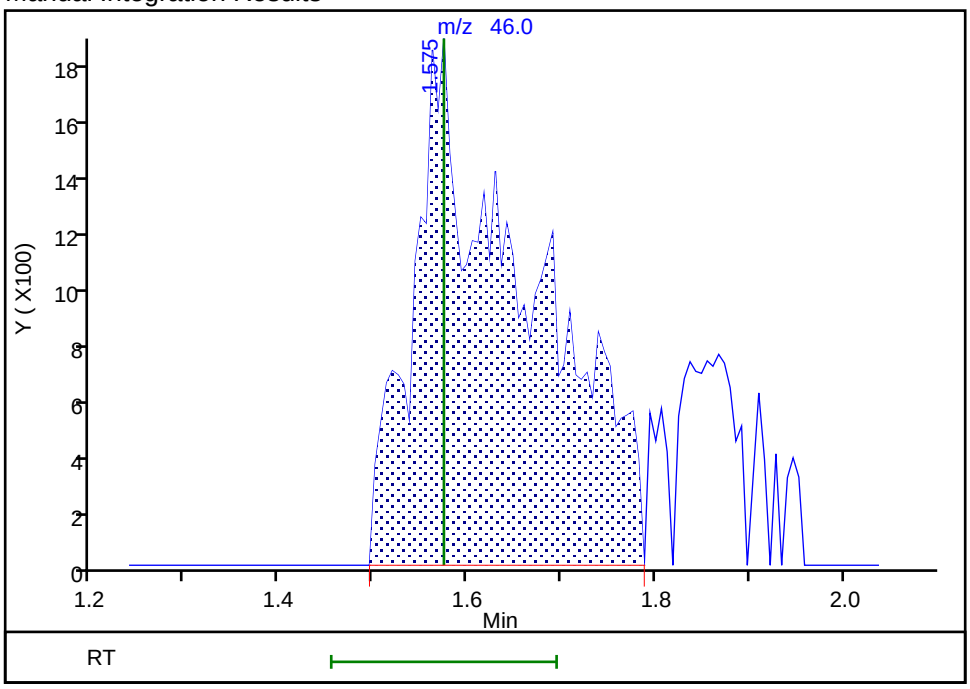
Processing Integration Results

RT: 1.57
Area: 6418
Amount: 329.7525
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 15841
Amount: 813.9000
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 14:07:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

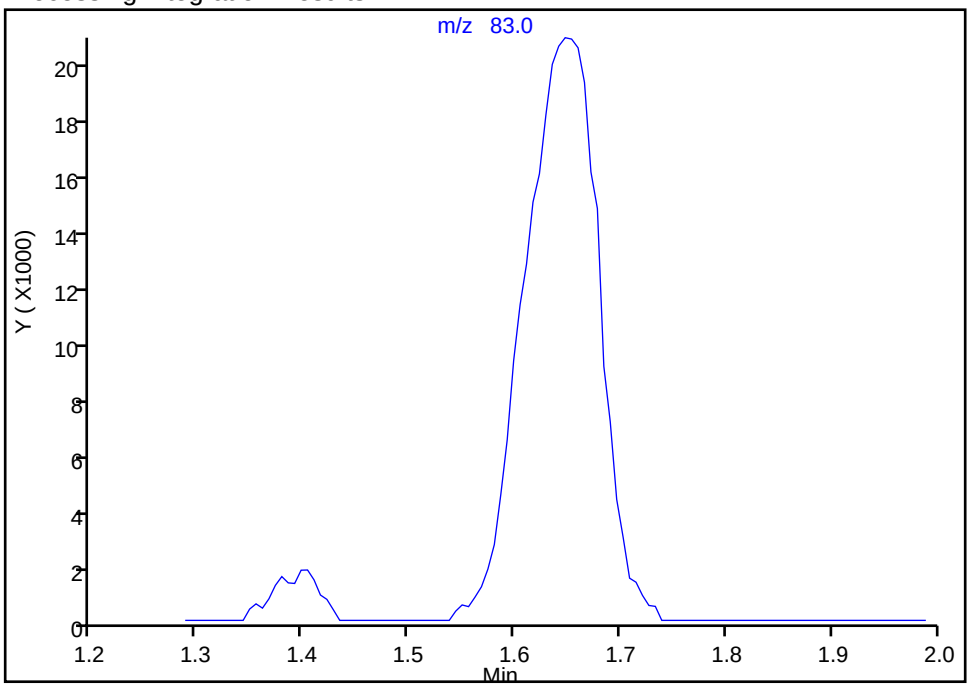
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

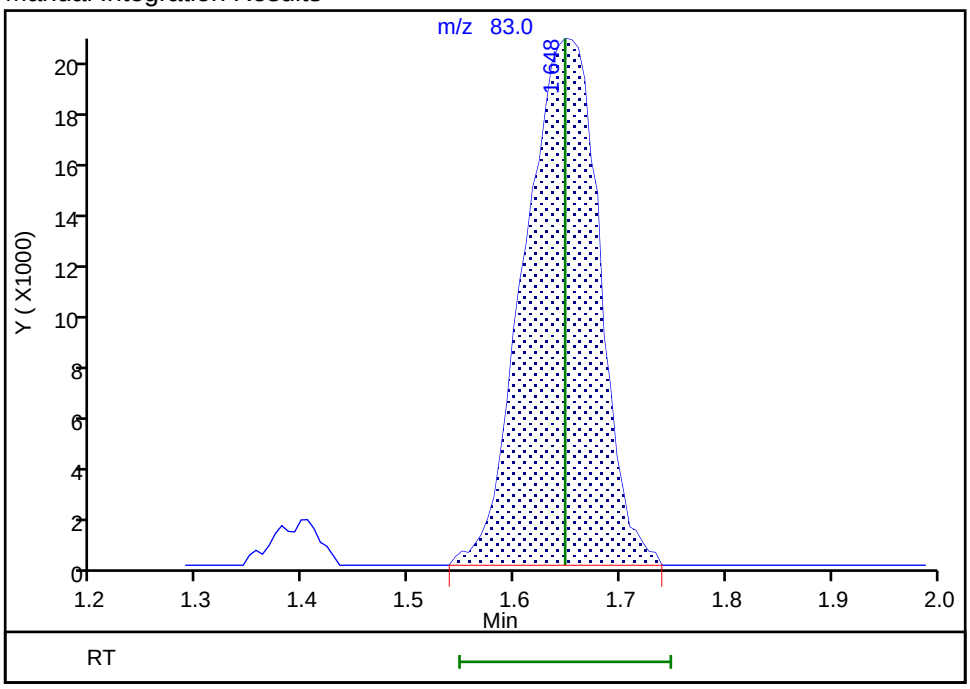
Not Detected
Expected RT: 1.65

Processing Integration Results



Manual Integration Results

RT: 1.65
Area: 100561
Amount: 24.144499
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 18:59:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

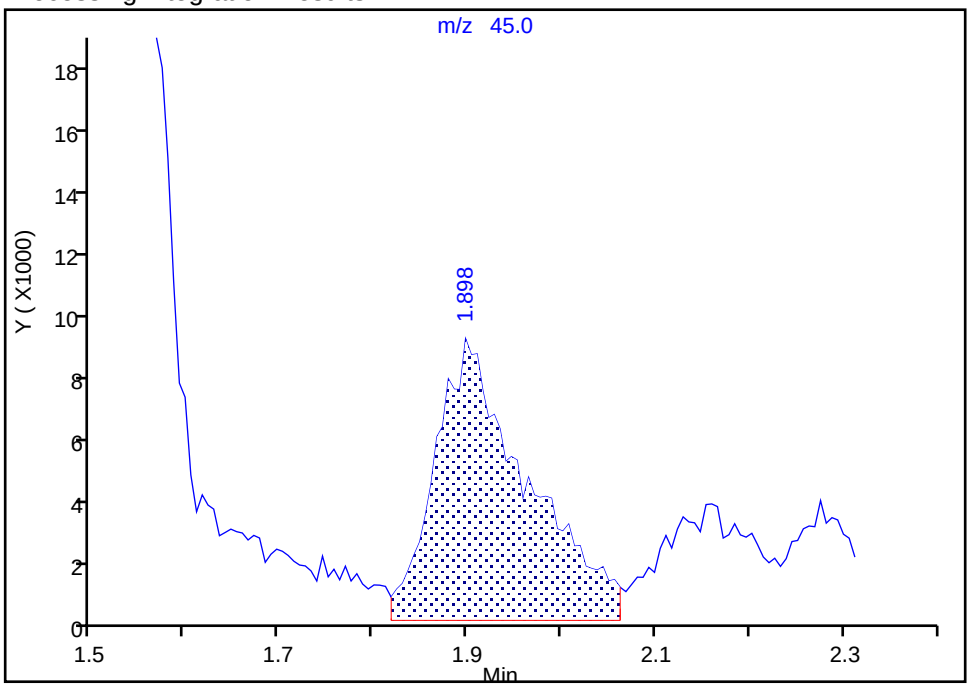
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

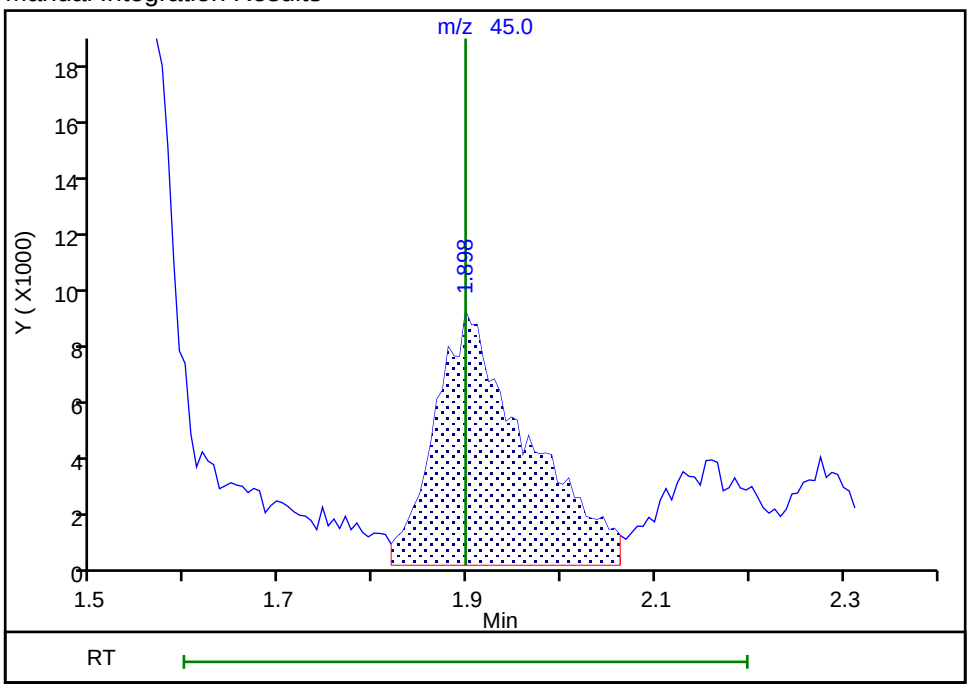
Processing Integration Results

RT: 1.90
Area: 59480
Amount: 176.6943
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 59480
Amount: 176.6943
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 14:07:47
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

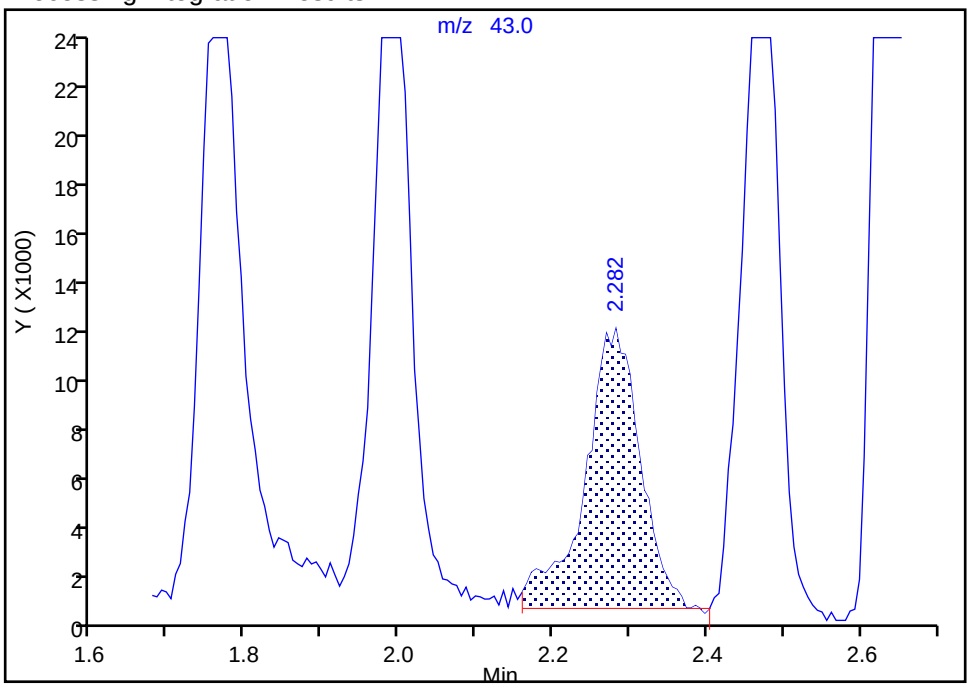
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

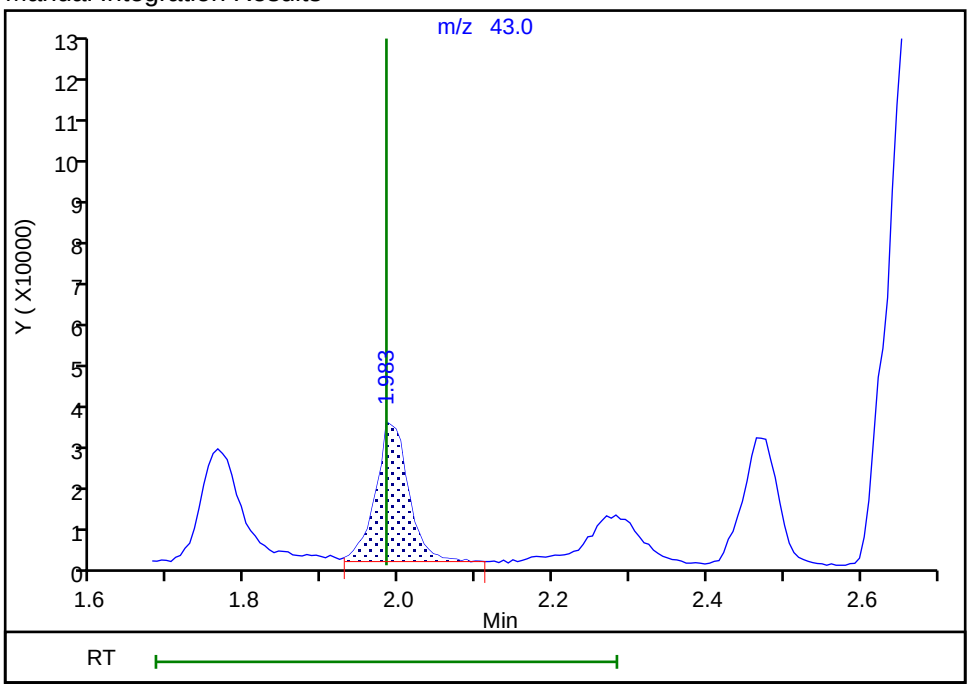
Processing Integration Results

RT: 2.28
Area: 57525
Amount: 21.297524
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 98487
Amount: 36.462916
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 18:59:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

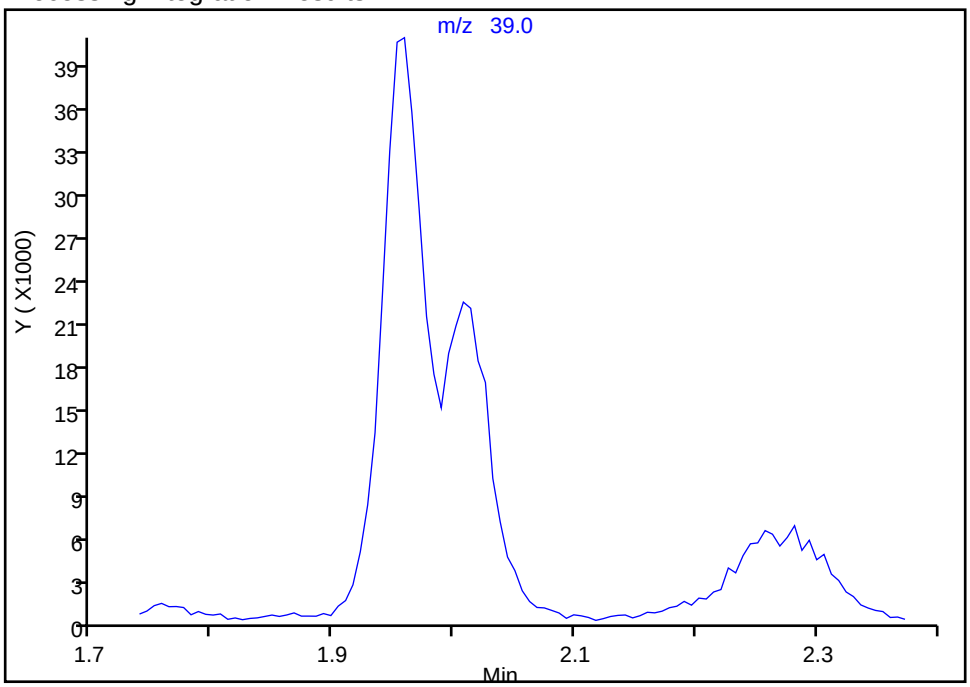
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

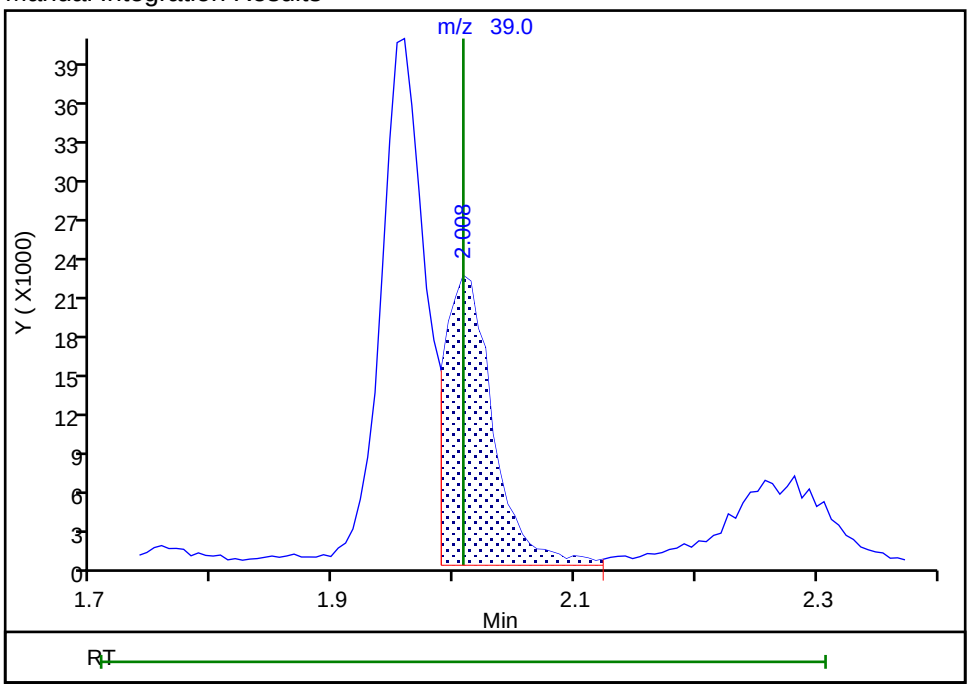
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.01
Area: 62842
Amount: 190.3717
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 18:59:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

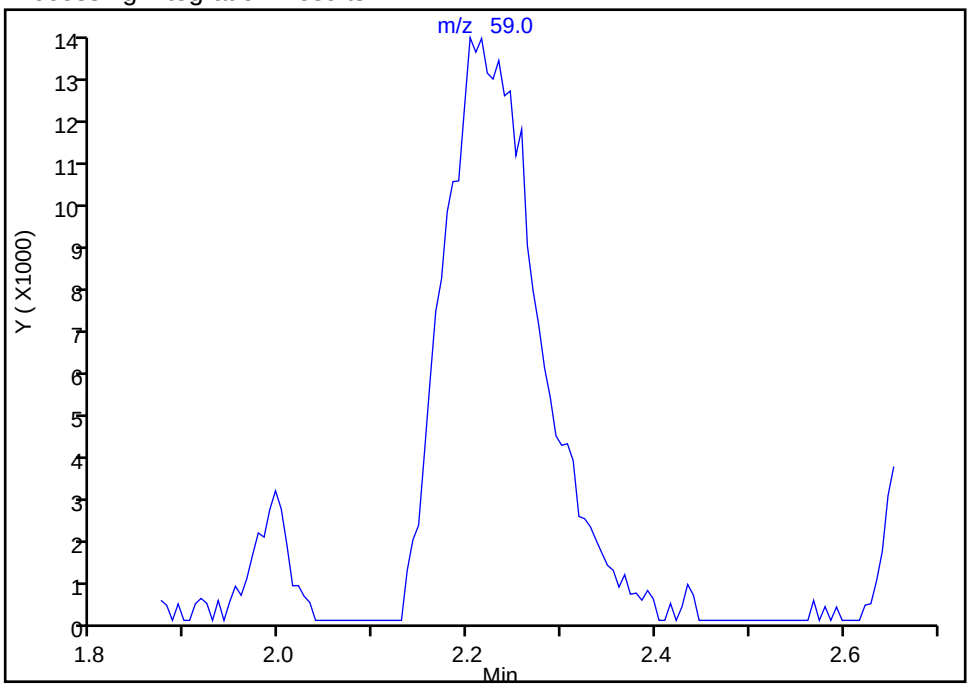
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

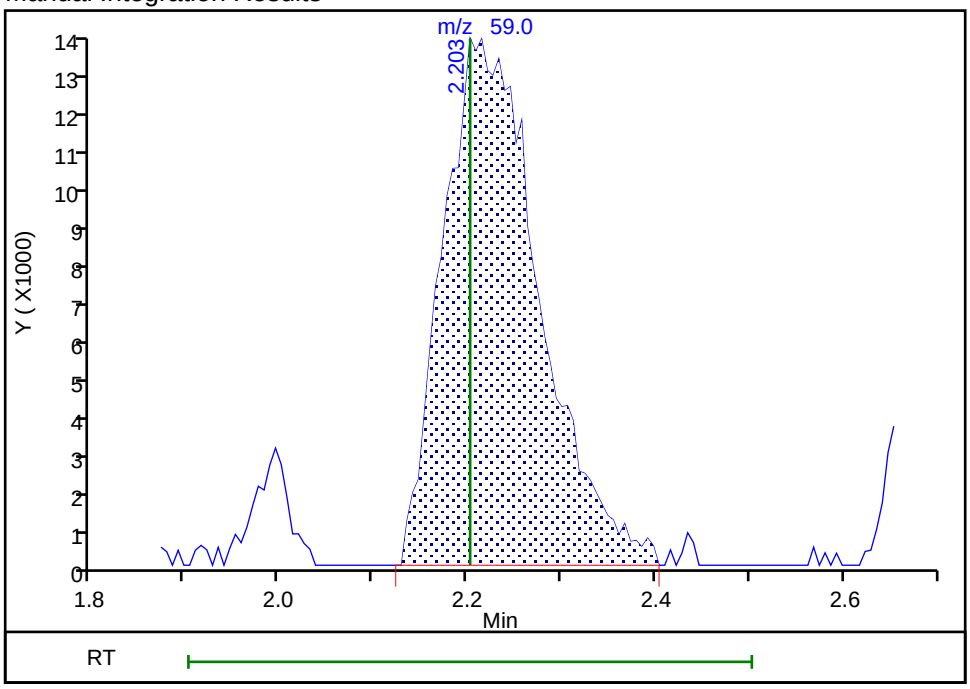
Not Detected
Expected RT: 2.20

Processing Integration Results



Manual Integration Results

RT: 2.20
Area: 94361
Amount: 187.3567
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 18:59:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

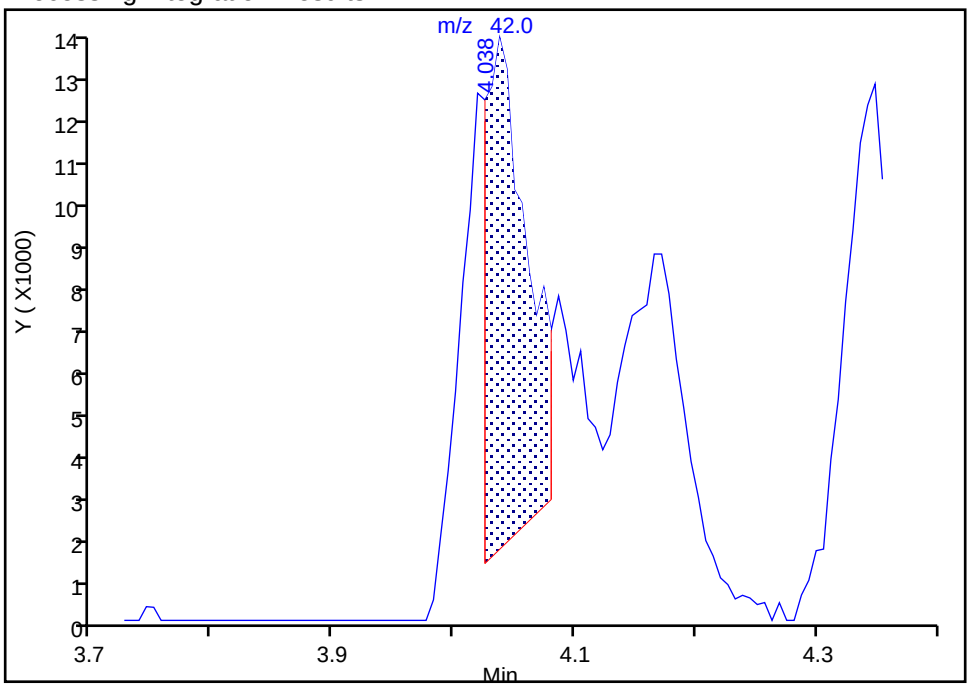
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Injection Date: 17-Oct-2022 18:38:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

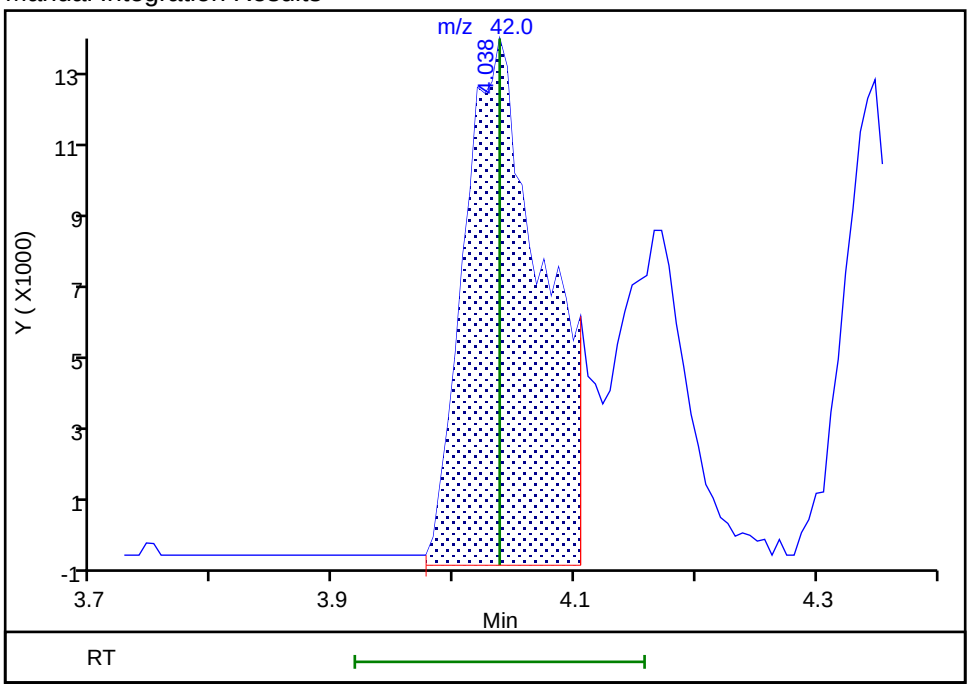
Processing Integration Results

RT: 4.04
Area: 28925
Amount: 202.9783
Amount Units: ug/l



Manual Integration Results

RT: 4.04
Area: 62913
Amount: 441.4857
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 14:08:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-872315/17 Calibration Date: 10/17/2022 11:48

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99217.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.3307	0.1691		10.2	20.0	-48.9*	30.0
1,1-Difluoroethane	Ave	0.3174	0.2917		18.4	20.0	-8.1	30.0
Dichlorodifluoromethane	Ave	0.8442	0.8211	0.1000	19.5	20.0	-2.7	30.0
Chlorodifluoromethane	Ave	0.7212	0.6692		18.6	20.0	-7.2	30.0
Chloromethane	Ave	0.6604	0.5944	0.1000	18.0	20.0	-10.0	30.0
Vinyl chloride	Ave	0.7067	0.8030	0.1000	22.7	20.0	13.6	30.0
Butadiene	Ave	0.6958	0.6892		19.8	20.0	-1.0	30.0
Bromomethane	QuaF		0.4979	0.1000	19.3	20.0	-3.6	30.0
Chloroethane	Ave	0.3333	0.3190	0.1000	19.1	20.0	-4.3	30.0
Trichlorofluoromethane	Ave	0.7768	0.8259	0.1000	21.3	20.0	6.3	30.0
Dichlorofluoromethane	Ave	0.8445	0.7920		18.8	20.0	-6.2	30.0
Pentane	Ave	0.0921	0.1232		53.5	40.0	33.8*	30.0
Ethanol	QuaF		0.0673		927	800	15.9	30.0
Ethyl ether	Ave	0.2575	0.2408		18.7	20.0	-6.5	30.0
2-Methyl-1,3-butadiene	Ave	0.4176	0.5031		24.1	20.0	20.5	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4212	0.4538		21.5	20.0	7.7	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6559	0.7171		21.9	20.0	9.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5024	0.5851	0.1000	23.3	20.0	16.5	30.0
Acrolein	Ave	0.0291	0.0270		278	300	-7.4	30.0
1,1-Dichloroethene	Ave	0.4296	0.4862	0.1000	22.6	20.0	13.2	30.0
Acetone	QuaF		0.7922	0.0500	80.8	100	-19.2	30.0
Iodomethane	QuaF		0.4601		13.4	20.0	-33.1*	30.0
Carbon disulfide	Ave	1.502	1.621	0.1000	21.6	20.0	7.9	30.0
Isopropyl alcohol	Ave	0.7330	0.6742		184	200	-8.0	30.0
3-Chloro-1-propene	Ave	0.2637	0.2633		20.0	20.0	-0.2	30.0
Cyclopentene	Ave	1.105	1.250		22.6	20.0	13.1	30.0
Methyl acetate	Ave	0.1450	0.1337	0.1000	36.9	40.0	-7.8	30.0
Acetonitrile	Ave	0.7785	0.7800		200	200	0.2	30.0
Methylene Chloride	Ave	0.4206	0.4190	0.1000	19.9	20.0	-0.4	30.0
2-Methyl-2-propanol	QuaF		1.169		182	200	-9.2	30.0
Methyl tert-butyl ether	Ave	0.7937	0.7606	0.1000	19.2	20.0	-4.2	30.0
trans-1,2-Dichloroethene	Ave	0.4715	0.4855	0.1000	20.6	20.0	3.0	30.0
Acrylonitrile	Ave	4.643	4.304		185	200	-7.3	30.0
Hexane	Ave	0.6189	0.7594		24.5	20.0	22.7	30.0
Isopropyl ether	Ave	0.9583	0.9924		20.7	20.0	3.6	30.0
1,1-Dichloroethane	Ave	0.7424	0.7447	0.2000	20.1	20.0	0.3	30.0
Vinyl acetate	Ave	0.0566	0.0508		35.9	40.0	-10.3	30.0
2-Chloro-1,3-butadiene	Ave	0.3983	0.4358		21.9	20.0	9.4	30.0
Tert-butyl ethyl ether	Ave	0.8716	0.8955		20.5	20.0	2.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-872315/17 Calibration Date: 10/17/2022 11:48

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99217.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2116	0.2182		20.6	20.0	3.1	30.0
cis-1,2-Dichloroethene	Ave	0.4616	0.4506	0.1000	19.5	20.0	-2.4	30.0
2-Butanone (MEK)	Ave	0.3860	0.3437	0.0500	89.0	100	-11.0	30.0
Ethyl acetate	Ave	0.3636	0.3157		34.7	40.0	-13.2	30.0
Methyl acrylate	Ave	0.1692	0.1620		19.2	20.0	-4.2	30.0
Propionitrile	Ave	0.3916	0.3814		195	200	-2.6	30.0
Chlorobromomethane	Ave	0.1944	0.1940		20.0	20.0	-0.2	30.0
Tetrahydrofuran	Ave	0.3567	0.3673		41.2	40.0	3.0	30.0
Methacrylonitrile	Ave	0.0906	0.0828		183	200	-8.7	30.0
Chloroform	Ave	0.7118	0.6949	0.2000	19.5	20.0	-2.4	30.0
Cyclohexane	Ave	0.6307	0.7371	0.1000	23.4	20.0	16.9	30.0
1,1,1-Trichloroethane	Ave	0.6533	0.7086	0.1000	21.7	20.0	8.5	30.0
Carbon tetrachloride	Ave	0.5958	0.6659	0.1000	22.4	20.0	11.8	30.0
1,1-Dichloropropene	Ave	0.5565	0.6226		22.4	20.0	11.9	30.0
Isobutyl alcohol	QuaF		1.156		513	500	2.6	30.0
Benzene	Ave	1.933	2.024	0.5000	20.9	20.0	4.7	30.0
Tert-amyl methyl ether	Ave	0.2365	0.2316		19.6	20.0	-2.1	30.0
Isopropyl acetate	Ave	0.1244	0.1154		18.6	20.0	-7.2	30.0
1,2-Dichloroethane	Ave	0.4034	0.3653	0.1000	18.1	20.0	-9.4	30.0
n-Heptane	Ave	0.5509	0.6997		25.4	20.0	27.0	30.0
Trichloroethene	Ave	0.4106	0.4400	0.2000	21.4	20.0	7.1	30.0
n-Butanol	Ave	0.2395	0.1702		355	500	-28.9	30.0
Methylcyclohexane	Ave	0.6773	0.8522	0.1000	25.2	20.0	25.8	30.0
Ethyl acrylate	Qua2		0.1792		20.2	20.0	1.2	30.0
1,2-Dichloropropane	Ave	0.3255	0.3340	0.1000	20.5	20.0	2.6	30.0
Methyl methacrylate	Ave	0.0574	0.0546		38.0	40.0	-4.9	30.0
1,4-Dioxane	QuaF		1.414		321	400	-19.8	30.0
Dibromomethane	Ave	0.1921	0.1823		19.0	20.0	-5.1	30.0
n-Propyl acetate	Ave	0.2318	0.2118		18.3	20.0	-8.6	30.0
Bromodichloromethane	Ave	0.4565	0.4440	0.2000	19.5	20.0	-2.7	30.0
2-Nitropropane	QuaF		0.0456		37.0	40.0	-7.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1148		18.7	20.0	-6.6	30.0
Epichlorohydrin	Ave	0.2705	0.2638		19.5	20.0	-2.5	30.0
cis-1,3-Dichloropropene	Ave	0.6290	0.6104	0.2000	19.4	20.0	-3.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.477	2.289	0.0500	92.4	100	-7.6	30.0
Toluene	Ave	1.978	2.037	0.4000	20.6	20.0	3.0	30.0
trans-1,3-Dichloropropene	Ave	0.5220	0.4926	0.1000	18.9	20.0	-5.6	30.0
Ethyl methacrylate	Ave	0.2709	0.2481		18.3	20.0	-8.4	30.0
1,1,2-Trichloroethane	Ave	0.2589	0.2500	0.1000	19.3	20.0	-3.4	30.0
Tetrachloroethene	Ave	0.5618	0.6364	0.2000	22.7	20.0	13.3	30.0
1,3-Dichloropropane	Ave	0.4655	0.4634		19.9	20.0	-0.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-872315/17 Calibration Date: 10/17/2022 11:48

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99217.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.603	1.462	0.0500	91.2	100	-8.8	30.0
n-Butyl acetate	Ave	0.0633	0.0585		18.5	20.0	-7.5	30.0
Dibromochloromethane	Ave	0.3816	0.3693	0.1000	19.4	20.0	-3.2	30.0
Ethylene Dibromide	Ave	0.2884	0.2854	0.1000	19.8	20.0	-1.0	30.0
Chlorobenzene	Ave	1.184	1.196	0.5000	20.2	20.0	1.0	30.0
Ethylbenzene	Ave	0.6930	0.7206	0.1000	20.8	20.0	4.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4199	0.4119		19.6	20.0	-1.9	30.0
m-Xylene & p-Xylene	Ave	0.8183	0.8632	0.1000	21.1	20.0	5.5	30.0
n-Butyl acrylate	Ave	0.2172	0.1985		18.3	20.0	-8.6	30.0
o-Xylene	Ave	0.7909	0.7813	0.3000	19.8	20.0	-1.2	30.0
Styrene	Ave	1.266	1.212	0.3000	19.1	20.0	-4.3	30.0
Amyl acetate (mixed isomers)	Ave	0.7056	0.6462		18.3	20.0	-8.4	30.0
Bromoform	Ave	0.2322	0.2139	0.1000	18.4	20.0	-7.9	30.0
Isopropylbenzene	Ave	2.062	2.305	0.1000	22.4	20.0	11.8	30.0
Bromobenzene	Ave	0.9294	0.9131		19.6	20.0	-1.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5787	0.5207	0.3000	18.0	20.0	-10.0	30.0
N-Propylbenzene	Ave	4.638	5.020		21.7	20.0	8.3	30.0
1,2,3-Trichloropropane	Ave	0.1682	0.1461		17.4	20.0	-13.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1332	0.1117		16.8	20.0	-16.1	30.0
2-Chlorotoluene	Ave	3.064	2.984		19.5	20.0	-2.6	30.0
4-Ethyltoluene	Ave	4.046	4.207		20.8	20.0	4.0	30.0
1,3,5-Trimethylbenzene	Ave	3.174	3.362		21.2	20.0	5.9	30.0
4-Chlorotoluene	Ave	2.685	2.664		19.8	20.0	-0.8	30.0
Butyl Methacrylate	Ave	0.8214	0.7741		18.8	20.0	-5.8	30.0
tert-Butylbenzene	Ave	2.867	3.174		22.1	20.0	10.7	30.0
1,2,4-Trimethylbenzene	Ave	3.169	3.205		20.2	20.0	1.1	30.0
sec-Butylbenzene	Ave	4.325	4.940		22.8	20.0	14.2	30.0
4-Isopropyltoluene	Ave	3.741	4.055		21.7	20.0	8.4	30.0
1,3-Dichlorobenzene	Ave	1.862	1.794	0.6000	19.3	20.0	-3.7	30.0
1,4-Dichlorobenzene	Ave	1.868	1.767	0.5000	18.9	20.0	-5.4	30.0
1,2,3-Trimethylbenzene	Ave	3.199	3.152		19.7	20.0	-1.5	30.0
Benzyl chloride	Ave	0.2341	0.1825		15.6	20.0	-22.0	30.0
Indan	Ave	1.362	1.379		20.3	20.0	1.3	30.0
p-Diethylbenzene	Ave	2.129	2.604		24.5	20.0	22.3	30.0
n-Butylbenzene	Ave	1.972	2.129		21.6	20.0	8.0	30.0
1,2-Dichlorobenzene	Ave	1.555	1.509	0.4000	19.4	20.0	-3.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.994	3.069		20.5	20.0	2.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0998	0.0830	0.0500	16.6	20.0	-16.9	30.0
1,3,5-Trichlorobenzene	Ave	1.297	1.290		19.9	20.0	-0.5	30.0
1,2,4-Trichlorobenzene	Ave	0.8945	0.8656	0.2000	19.4	20.0	-3.2	30.0
Hexachlorobutadiene	Ave	0.6785	0.7696		22.7	20.0	13.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-872315/17 Calibration Date: 10/17/2022 11:48

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99217.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Qua		1.154		19.3	20.0	-3.4	30.0
1,2,3-Trichlorobenzene	Ave	0.6710	0.6334		18.9	20.0	-5.6	30.0
Dibromofluoromethane (Surr)	Ave	0.3509	0.3322		47.3	50.0	-5.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2990	0.2676		44.8	50.0	-10.5	30.0
Toluene-d8 (Surr)	Ave	1.438	1.405		48.8	50.0	-2.3	30.0
Bromofluorobenzene	Ave	0.8078	0.7745		47.9	50.0	-4.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99217.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Oct-2022 11:48:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0151823-017
Operator ID: Instrument ID: CVOAMS4
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:33:36 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:40:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	84	34206	20.0	10.2	
3 1,1-Difluoroethane	65	1.260	1.254	0.006	95	59014	20.0	18.4	
4 Dichlorodifluoromethane	85	1.278	1.272	0.006	99	166121	20.0	19.5	
5 Chlorodifluoromethane	51	1.303	1.297	0.006	97	135388	20.0	18.6	
6 Chloromethane	50	1.449	1.449	0.000	99	120272	20.0	18.0	
8 Vinyl chloride	62	1.540	1.541	-0.001	98	162460	20.0	22.7	
7 Butadiene	54	1.565	1.565	0.000	96	139438	20.0	19.8	
9 Bromomethane	94	1.839	1.833	0.006	99	100734	20.0	19.3	
10 Chloroethane	64	1.930	1.931	-0.001	99	64534	20.0	19.1	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	98	167103	20.0	21.3	
11 Dichlorofluoromethane	67	2.132	2.126	0.006	99	160246	20.0	18.8	
12 Pentane	72	2.180	2.175	0.005	95	49863	40.0	53.5	
15 Ethanol	46	2.375	2.376	-0.001	96	8250	800.0	926.9	
14 Ethyl ether	59	2.400	2.394	0.006	95	48725	20.0	18.7	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	98	101798	20.0	24.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.455	0.006	84	91810	20.0	21.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	95	145087	20.0	21.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	97	118388	20.0	23.3	
19 Acrolein	56	2.577	2.577	0.000	97	81949	300.4	278.0	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	97	98365	20.0	22.6	
22 Acetone	43	2.717	2.717	0.000	86	48478	100.0	80.8	
23 Iodomethane	142	2.766	2.766	0.000	98	93100	20.0	13.4	
24 Carbon disulfide	76	2.796	2.790	0.006	99	327890	20.0	21.6	
25 Isopropyl alcohol	45	2.851	2.851	0.000	98	20653	200.0	184.0	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	88	53273	20.0	20.0	
28 Cyclopentene	67	2.985	2.979	0.006	94	252846	20.0	22.6	
27 Methyl acetate	43	2.997	2.991	0.006	98	54111	40.0	36.9	
29 Acetonitrile	40	3.052	3.046	0.006	97	23892	200.0	200.4	
30 Methylene Chloride	84	3.113	3.113	0.000	90	84772	20.0	19.9	
* 31 TBA-d9 (IS)	65	3.131	3.126	0.005	0	153157	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	3.211	3.211	0.000	98	35813	200.0	181.7	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	153888	20.0	19.2	
34 trans-1,2-Dichloroethene	96	3.327	3.321	0.006	93	98232	20.0	20.6	
35 Acrylonitrile	53	3.412	3.412	0.000	94	131836	200.0	185.4	
36 Hexane	57	3.509	3.504	0.005	92	153650	20.0	24.5	
37 Isopropyl ether	45	3.759	3.760	-0.001	97	200792	20.0	20.7	
38 1,1-Dichloroethane	63	3.784	3.778	0.006	99	150668	20.0	20.1	
39 Vinyl acetate	86	3.820	3.814	0.006	99	20537	40.0	35.9	
40 2-Chloro-1,3-butadiene	88	3.833	3.827	0.006	91	88172	20.0	21.9	
41 Tert-butyl ethyl ether	59	4.131	4.125	0.006	89	181179	20.0	20.5	
43 2,2-Dichloropropane	79	4.351	4.345	0.006	94	44156	20.0	20.6	
* 42 2-Butanone-d5	46	4.357	4.351	0.006	96	152989	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.393	4.388	0.005	98	91161	20.0	19.5	
45 2-Butanone (MEK)	72	4.424	4.418	0.006	98	21034	100.0	89.0	
46 Ethyl acetate	70	4.442	4.436	0.006	98	7727	40.0	34.7	
47 Methyl acrylate	55	4.497	4.491	0.006	100	32783	20.0	19.2	
48 Propionitrile	54	4.570	4.570	0.000	97	46674	200.0	194.8	
49 Chlorobromomethane	128	4.656	4.650	0.006	81	39251	20.0	20.0	
50 Tetrahydrofuran	72	4.656	4.650	0.006	62	8991	40.0	41.2	
51 Methacrylonitrile	67	4.692	4.686	0.006	91	167432	200.0	182.6	
52 Chloroform	83	4.729	4.729	0.000	99	140598	20.0	19.5	
53 Cyclohexane	84	4.851	4.845	0.006	90	149139	20.0	23.4	
54 1,1,1-Trichloroethane	97	4.875	4.869	0.006	98	143360	20.0	21.7	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.912	0.006	97	168017	50.0	47.3	
56 Carbon tetrachloride	117	5.015	5.009	0.006	97	134720	20.0	22.4	
57 1,1-Dichloropropene	75	5.064	5.058	0.006	97	125974	20.0	22.4	
58 Isobutyl alcohol	43	5.271	5.272	-0.001	88	88504	500.0	512.8	
59 Benzene	78	5.290	5.284	0.006	97	319458	20.0	20.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	99	135365	50.0	44.8	
61 Tert-amyl methyl ether	87	5.393	5.387	0.006	95	46850	20.0	19.6	
63 1,2-Dichloroethane	62	5.411	5.406	0.005	97	73917	20.0	18.1	
62 Isopropyl acetate	61	5.405	5.406	-0.001	98	23355	20.0	18.6	
64 n-Heptane	43	5.509	5.503	0.006	90	141575	20.0	25.4	
* 65 Fluorobenzene	96	5.643	5.643	0.000	99	505814	50.0	50.0	
67 Trichloroethene	95	6.076	6.070	0.006	96	89014	20.0	21.4	
66 n-Butanol	56	6.106	6.101	0.005	91	13033	500.0	355.3	
68 Methylcyclohexane	83	6.204	6.204	0.000	94	172430	20.0	25.2	
69 Ethyl acrylate	55	6.253	6.253	0.000	98	36253	20.0	20.2	
70 1,2-Dichloropropane	63	6.417	6.412	0.005	91	67577	20.0	20.5	
* 71 1,4-Dioxane-d8	96	6.503	6.497	0.006	0	15404	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.546	0.006	85	22081	40.0	38.0	
73 1,4-Dioxane	88	6.570	6.564	0.006	38	8715	400.0	320.8	
74 Dibromomethane	93	6.576	6.570	0.006	93	36890	20.0	19.0	
75 n-Propyl acetate	43	6.631	6.625	0.006	98	42843	20.0	18.3	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	89834	20.0	19.5	
77 2-Nitropropane	41	7.137	7.137	0.000	98	18472	40.0	37.0	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	95	23218	20.0	18.7	
79 Epichlorohydrin	57	7.265	7.253	0.012	91	3229	20.0	19.5	a
80 cis-1,3-Dichloropropene	75	7.307	7.308	-0.001	92	96364	20.0	19.4	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.466	0.006	96	140076	100.0	92.4	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	554320	50.0	48.8	
83 Toluene	91	7.600	7.600	0.000	93	321578	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
84 trans-1,3-Dichloropropene	75	7.929	7.923	0.006	95	77761	20.0	18.9	
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	50189	20.0	18.3	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	95	39470	20.0	19.3	
87 Tetrachloroethene	166	8.124	8.125	-0.001	98	100465	20.0	22.7	
88 1,3-Dichloropropane	76	8.265	8.259	0.006	92	73149	20.0	19.9	
89 2-Hexanone	43	8.319	8.314	0.005	95	89442	100.0	91.2	
90 n-Butyl acetate	73	8.417	8.411	0.006	98	9238	20.0	18.5	
91 Chlorodibromomethane	129	8.441	8.442	-0.001	98	58295	20.0	19.4	
92 Ethylene Dibromide	107	8.551	8.545	0.006	99	45055	20.0	19.8	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	394666	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	96	188803	20.0	20.2	
95 Ethylbenzene	106	9.027	9.027	0.000	98	113755	20.0	20.8	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.039	0.006	96	65030	20.0	19.6	
97 m-Xylene & p-Xylene	106	9.130	9.131	-0.001	0	136269	20.0	21.1	
98 n-Butyl acrylate	73	9.447	9.448	-0.001	97	31329	20.0	18.3	
99 o-Xylene	106	9.466	9.460	0.006	94	123341	20.0	19.8	
100 Styrene	104	9.490	9.484	0.006	96	191282	20.0	19.1	
101 Amyl acetate (mixed isomers)	43	9.630	9.624	0.006	91	55877	20.0	18.3	
102 Bromoform	173	9.667	9.661	0.006	97	33760	20.0	18.4	
103 Isopropylbenzene	105	9.752	9.746	0.006	95	363925	20.0	22.4	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	167419	50.0	47.9	
105 Bromobenzene	156	10.026	10.021	0.005	91	78952	20.0	19.6	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	98	45027	20.0	18.0	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	434102	20.0	21.7	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	94	12634	20.0	17.4	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	84	9659	20.0	16.8	
110 4-Ethyltoluene	105	10.161	10.155	0.006	91	363750	20.0	20.8	
111 2-Chlorotoluene	91	10.161	10.161	0.000	86	257997	20.0	19.5	
112 1,3,5-Trimethylbenzene	105	10.209	10.210	-0.001	96	290734	20.0	21.2	
113 4-Chlorotoluene	91	10.252	10.246	0.006	97	230347	20.0	19.8	
114 Butyl Methacrylate	87	10.276	10.277	-0.001	89	66931	20.0	18.8	
115 tert-Butylbenzene	119	10.447	10.441	0.006	95	274439	20.0	22.1	
116 1,2,4-Trimethylbenzene	105	10.496	10.490	0.006	97	277089	20.0	20.2	
117 sec-Butylbenzene	105	10.612	10.606	0.006	99	427173	20.0	22.8	
118 4-Isopropyltoluene	119	10.715	10.709	0.006	98	350581	20.0	21.7	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	155091	20.0	19.3	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	-0.001	94	216166	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.795	0.006	95	152809	20.0	18.9	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	272575	20.0	19.7	
123 Benzyl chloride	126	10.904	10.905	-0.001	99	15781	20.0	15.6	
124 2,3-Dihydroindene	117	10.959	10.953	0.006	94	279101	20.0	20.3	
125 p-Diethylbenzene	119	10.990	10.990	0.000	94	225175	20.0	24.5	
126 n-Butylbenzene	92	11.008	11.008	0.000	95	184104	20.0	21.6	
127 1,2-Dichlorobenzene	146	11.075	11.069	0.006	98	130483	20.0	19.4	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	265332	20.0	20.5	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.661	0.005	94	7176	20.0	16.6	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	97	111579	20.0	19.9	
131 1,2,4-Trichlorobenzene	180	12.337	12.331	0.006	94	74844	20.0	19.4	
132 Hexachlorobutadiene	225	12.435	12.429	0.005	95	66548	20.0	22.7	
133 Naphthalene	128	12.587	12.581	0.006	99	99754	20.0	19.3	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	54772	20.0	18.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	38.3	
S 137 Xylenes, Total	100				0		40.0	40.9	
S 138 Total BTEX	1				0		100.0	103.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN SP_00142	Amount Added:	3.00	Units: uL		
8FreonsSS_00050	Amount Added:	2.00	Units: uL		
8260 SP_00159	Amount Added:	2.00	Units: uL		
GAS C SP_00484	Amount Added:	2.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 19-Oct-2022 14:08:31 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99217.D

Injection Date: 17-Oct-2022 11:48:30 Instrument ID: CVOAMS4 Operator ID:

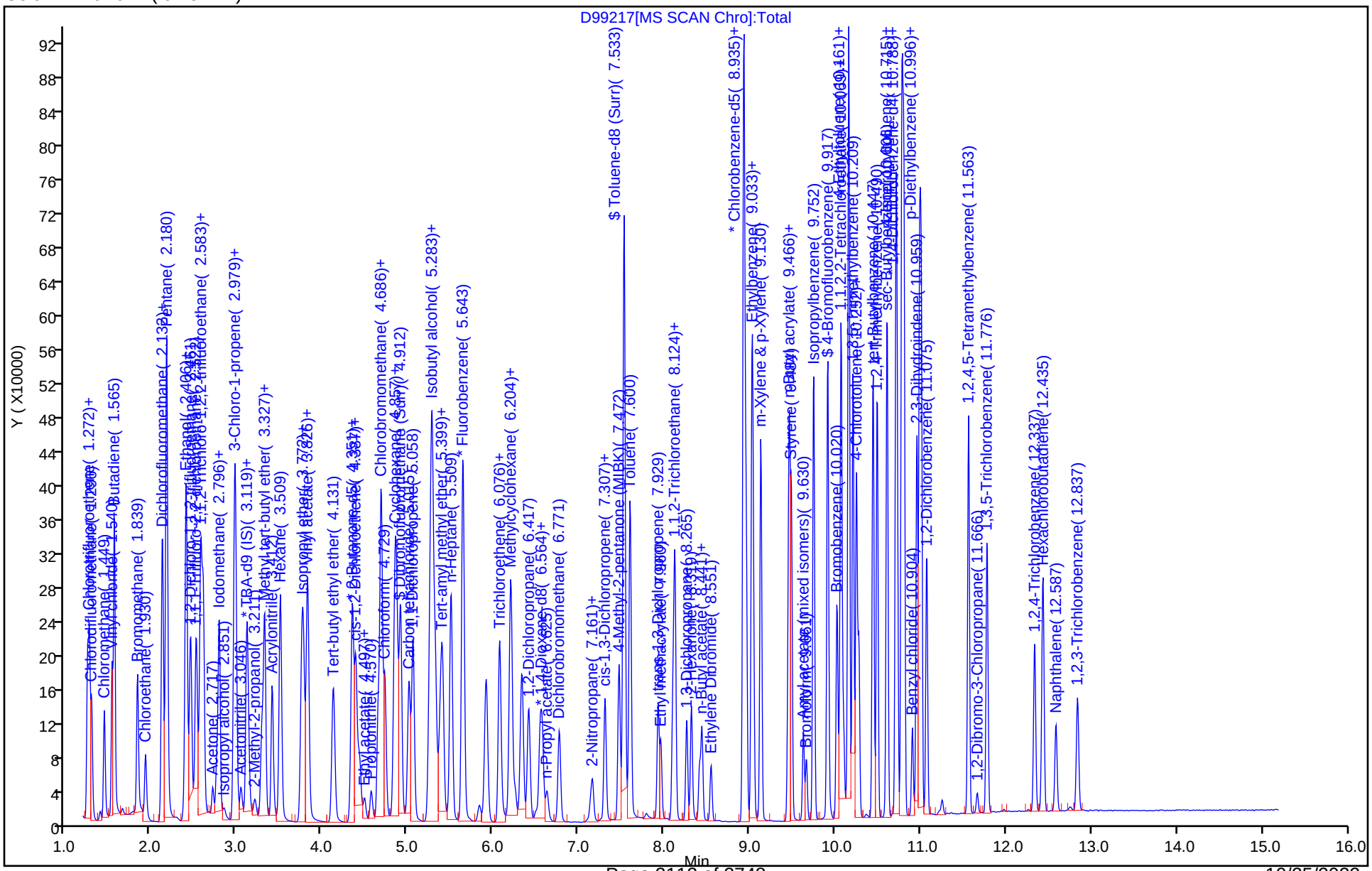
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

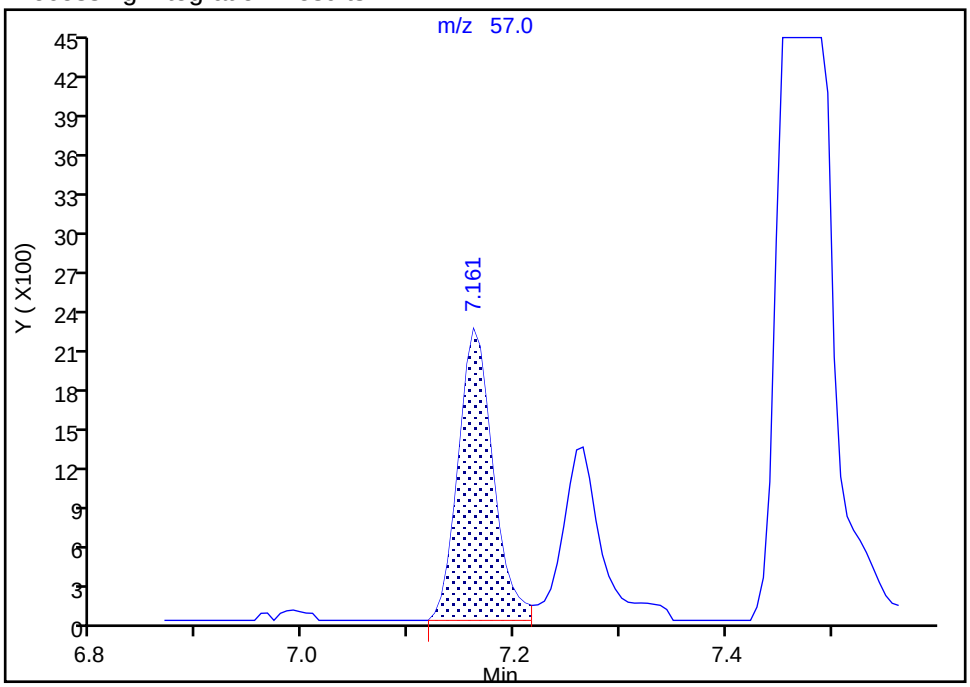
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Injection Date: 17-Oct-2022 11:48:30 Instrument ID: CVOAMS4
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 Epichlorohydrin, CAS: 106-89-8

Signal: 1

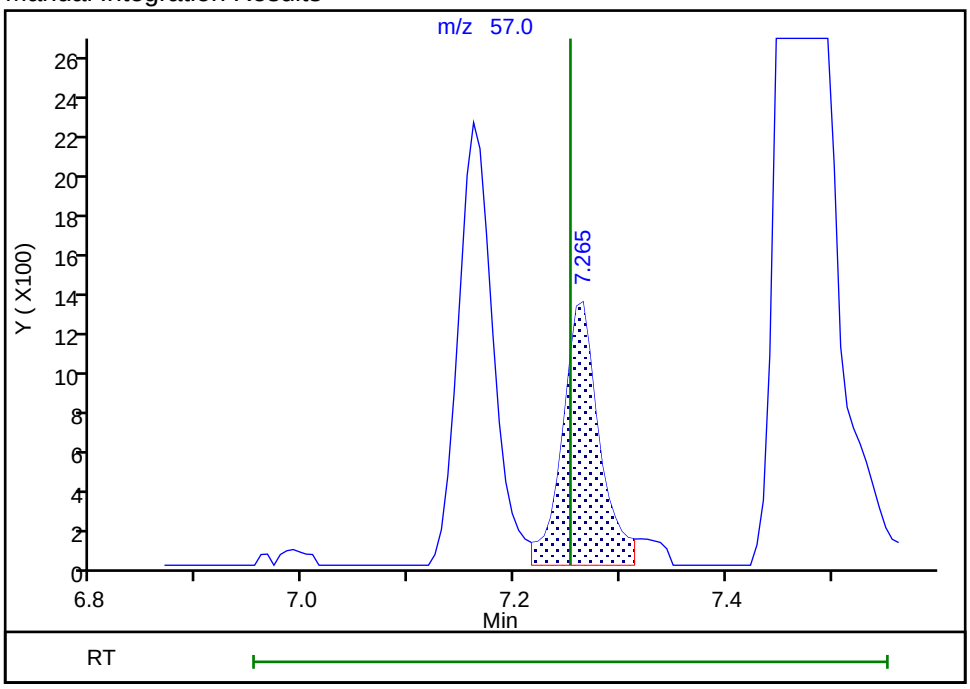
Processing Integration Results

RT: 7.16
Area: 5094
Amount: 30.774248
Amount Units: ug/l



Manual Integration Results

RT: 7.26
Area: 3229
Amount: 19.507273
Amount Units: ug/l



Reviewer: W9CM, 17-Oct-2022 18:33:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872434/2 Calibration Date: 10/17/2022 19:00

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99236.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.3307	0.0524		3.17	20.0	-84.2*	20.0
1,1-Difluoroethane	Ave	0.3174	0.1369		8.62	20.0	-56.9*	20.0
Dichlorodifluoromethane	Ave	0.8442	0.7303	0.1000	17.3	20.0	-13.5	20.0
Chlorodifluoromethane	Ave	0.7212	0.4544		12.6	20.0	-37.0*	20.0
Chloromethane	Ave	0.6604	0.6033	0.1000	18.3	20.0	-8.6	20.0
Vinyl chloride	Ave	0.7067	0.6955	0.1000	19.7	20.0	-1.6	20.0
Butadiene	Ave	0.6958	0.6953		20.0	20.0	-0.0	20.0
Bromomethane	QuaF		0.4088	0.1000	15.8	20.0	-21.1	50.0
Chloroethane	Ave	0.3333	0.3047	0.1000	18.3	20.0	-8.6	50.0
Trichlorofluoromethane	Ave	0.7768	0.7229	0.1000	18.6	20.0	-6.9	20.0
Dichlorofluoromethane	Ave	0.8445	0.7479		17.7	20.0	-11.4	20.0
Pentane	Ave	0.0921	0.0914		39.7	40.0	-0.8	20.0
Ethanol	QuaF		0.0596		821	800	2.7	50.0
Ethyl ether	Ave	0.2575	0.2395		18.6	20.0	-7.0	20.0
2-Methyl-1,3-butadiene	Ave	0.4176	0.4022		19.3	20.0	-3.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4212	0.4135		19.6	20.0	-1.8	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6559	0.6512		19.9	20.0	-0.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5024	0.5132	0.1000	20.4	20.0	2.2	20.0
Acrolein	Ave	0.0291	0.0303		312	300	4.1	50.0
1,1-Dichloroethene	Ave	0.4296	0.4284	0.1000	19.9	20.0	-0.3	20.0
Acetone	QuaF		0.9047	0.0500	92.3	100	-7.7	50.0
Iodomethane	QuaF		0.5711		16.6	20.0	-16.9	20.0
Carbon disulfide	Ave	1.502	1.455	0.1000	19.4	20.0	-3.1	50.0
Isopropyl alcohol	Ave	0.7330	0.6305		172	200	-14.0	50.0
3-Chloro-1-propene	Ave	0.2637	0.2422		18.4	20.0	-8.2	20.0
Cyclopentene	Ave	1.105	1.063		19.2	20.0	-3.8	20.0
Methyl acetate	Ave	0.1450	0.1344	0.1000	37.1	40.0	-7.3	20.0
Acetonitrile	Ave	0.7785	0.6850		176	200	-12.0	20.0
Methylene Chloride	Ave	0.4206	0.4016	0.1000	19.1	20.0	-4.5	20.0
2-Methyl-2-propanol	QuaF		1.339		208	200	4.0	50.0
Methyl tert-butyl ether	Ave	0.7937	0.7649	0.1000	19.3	20.0	-3.6	20.0
trans-1,2-Dichloroethene	Ave	0.4715	0.4440	0.1000	18.8	20.0	-5.8	20.0
Acrylonitrile	Ave	4.643	3.845		166	200	-17.2	20.0
Hexane	Ave	0.6189	0.6136		19.8	20.0	-0.8	20.0
Isopropyl ether	Ave	0.9583	0.9188		19.2	20.0	-4.1	20.0
1,1-Dichloroethane	Ave	0.7424	0.7051	0.2000	19.0	20.0	-5.0	20.0
Vinyl acetate	Ave	0.0566	0.0488		34.5	40.0	-13.8	20.0
2-Chloro-1,3-butadiene	Ave	0.3983	0.3732		18.7	20.0	-6.3	20.0
Tert-butyl ethyl ether	Ave	0.8716	0.8262		19.0	20.0	-5.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872434/2 Calibration Date: 10/17/2022 19:00

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99236.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2116	0.1993		18.8	20.0	-5.8	20.0
cis-1,2-Dichloroethene	Ave	0.4616	0.4267	0.1000	18.5	20.0	-7.6	20.0
2-Butanone (MEK)	Ave	0.3860	0.3373	0.0500	87.4	100	-12.6	50.0
Ethyl acetate	Ave	0.3636	0.2881		31.7	40.0	-20.8*	20.0
Methyl acrylate	Ave	0.1692	0.1522		18.0	20.0	-10.0	20.0
Propionitrile	Ave	0.3916	0.3418		175	200	-12.7	20.0
Chlorobromomethane	Ave	0.1944	0.1865		19.2	20.0	-4.1	20.0
Tetrahydrofuran	Ave	0.3567	0.3312		37.1	40.0	-7.1	20.0
Methacrylonitrile	Ave	0.0906	0.0784		173	200	-13.5	20.0
Chloroform	Ave	0.7118	0.6580	0.2000	18.5	20.0	-7.6	20.0
Cyclohexane	Ave	0.6307	0.6216	0.1000	19.7	20.0	-1.4	50.0
1,1,1-Trichloroethane	Ave	0.6533	0.6201	0.1000	19.0	20.0	-5.1	20.0
Carbon tetrachloride	Ave	0.5958	0.5657	0.1000	19.0	20.0	-5.0	20.0
1,1-Dichloropropene	Ave	0.5565	0.5469		19.7	20.0	-1.7	20.0
Isobutyl alcohol	QuaF		0.8330		370	500	-25.9*	20.0
Benzene	Ave	1.933	1.742	0.5000	18.0	20.0	-9.9	20.0
Tert-amyl methyl ether	Ave	0.2365	0.2168		18.3	20.0	-8.3	20.0
1,2-Dichloroethane	Ave	0.4034	0.3682	0.1000	18.3	20.0	-8.7	20.0
Isopropyl acetate	Ave	0.1244	0.1096		17.6	20.0	-11.9	20.0
n-Heptane	Ave	0.5509	0.5219		18.9	20.0	-5.3	20.0
Trichloroethene	Ave	0.4106	0.3957	0.2000	19.3	20.0	-3.6	20.0
n-Butanol	Ave	0.2395	0.1390		290	500	-41.9	50.0
Methylcyclohexane	Ave	0.6773	0.6627	0.1000	19.6	20.0	-2.2	50.0
Ethyl acrylate	Qua2		0.1637		18.5	20.0	-7.3	20.0
1,2-Dichloropropane	Ave	0.3255	0.3135	0.1000	19.3	20.0	-3.7	20.0
Methyl methacrylate	Ave	0.0574	0.0514		35.8	40.0	-10.4	20.0
1,4-Dioxane	QuaF		1.303		296	400	-26.1	50.0
Dibromomethane	Ave	0.1921	0.1741		18.1	20.0	-9.3	20.0
n-Propyl acetate	Ave	0.2318	0.1981		17.1	20.0	-14.5	20.0
Bromodichloromethane	Ave	0.4565	0.4218	0.2000	18.5	20.0	-7.6	20.0
2-Nitropropane	QuaF		0.0411		33.3	40.0	-16.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1123		18.3	20.0	-8.5	20.0
Epichlorohydrin	Ave	0.2705	0.2412		357	400	-10.8	20.0
cis-1,3-Dichloropropene	Ave	0.6290	0.5879	0.2000	18.7	20.0	-6.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.477	2.136	0.0500	86.2	100	-13.8	50.0
Toluene	Ave	1.978	1.764	0.4000	17.8	20.0	-10.8	20.0
trans-1,3-Dichloropropene	Ave	0.5220	0.4738	0.1000	18.2	20.0	-9.2	50.0
Ethyl methacrylate	Ave	0.2709	0.2487		18.4	20.0	-8.2	20.0
1,1,2-Trichloroethane	Ave	0.2589	0.2320	0.1000	17.9	20.0	-10.4	20.0
Tetrachloroethene	Ave	0.5618	0.5089	0.2000	18.1	20.0	-9.4	20.0
1,3-Dichloropropane	Ave	0.4655	0.4391		18.9	20.0	-5.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872434/2 Calibration Date: 10/17/2022 19:00

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99236.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.603	1.383	0.0500	86.3	100	-13.7	50.0
n-Butyl acetate	Ave	0.0633	0.0557		17.6	20.0	-11.9	20.0
Dibromochloromethane	Ave	0.3816	0.3535	0.1000	18.5	20.0	-7.4	50.0
Ethylene Dibromide	Ave	0.2884	0.2693	0.1000	18.7	20.0	-6.6	20.0
Chlorobenzene	Ave	1.184	1.062	0.5000	17.9	20.0	-10.3	20.0
Ethylbenzene	Ave	0.6930	0.5987	0.1000	17.3	20.0	-13.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4199	0.3689		17.6	20.0	-12.1	20.0
m-Xylene & p-Xylene	Ave	0.8183	0.7315	0.1000	17.9	20.0	-10.6	20.0
n-Butyl acrylate	Ave	0.2172	0.1837		16.9	20.0	-15.4	20.0
o-Xylene	Ave	0.7909	0.6910	0.3000	17.5	20.0	-12.6	20.0
Styrene	Ave	1.266	1.125	0.3000	17.8	20.0	-11.1	20.0
Amyl acetate (mixed isomers)	Ave	0.7056	0.6045		17.1	20.0	-14.3	20.0
Bromoform	Ave	0.2322	0.1977	0.1000	17.0	20.0	-14.9	20.0
Isopropylbenzene	Ave	2.062	1.861	0.1000	18.1	20.0	-9.7	20.0
Bromobenzene	Ave	0.9294	0.8182		17.6	20.0	-12.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5787	0.4887	0.3000	16.9	20.0	-15.6	20.0
N-Propylbenzene	Ave	4.638	4.046		17.4	20.0	-12.8	20.0
1,2,3-Trichloropropane	Ave	0.1682	0.1415		16.8	20.0	-15.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1332	0.1109		16.7	20.0	-16.7	20.0
4-Ethyltoluene	Ave	4.046	3.330		16.5	20.0	-17.7	20.0
2-Chlorotoluene	Ave	3.064	2.522		16.5	20.0	-17.7	20.0
1,3,5-Trimethylbenzene	Ave	3.174	2.759		17.4	20.0	-13.1	20.0
4-Chlorotoluene	Ave	2.685	2.244		16.7	20.0	-16.4	20.0
Butyl Methacrylate	Ave	0.8214	0.7075		17.2	20.0	-13.9	20.0
tert-Butylbenzene	Ave	2.867	2.481		17.3	20.0	-13.5	20.0
1,2,4-Trimethylbenzene	Ave	3.169	2.687		17.0	20.0	-15.2	20.0
sec-Butylbenzene	Ave	4.325	3.792		17.5	20.0	-12.3	20.0
4-Isopropyltoluene	Ave	3.741	3.137		16.8	20.0	-16.2	20.0
1,3-Dichlorobenzene	Ave	1.862	1.549	0.6000	16.6	20.0	-16.8	20.0
1,4-Dichlorobenzene	Ave	1.868	1.552	0.5000	16.6	20.0	-16.9	20.0
1,2,3-Trimethylbenzene	Ave	3.199	2.631		16.4	20.0	-17.8	20.0
Benzyl chloride	Ave	0.2341	0.1909		16.3	20.0	-18.5	50.0
Indan	Ave	1.362	1.231		18.1	20.0	-9.6	20.0
p-Diethylbenzene	Ave	2.129	1.743		16.4	20.0	-18.2	20.0
n-Butylbenzene	Ave	1.972	1.635		16.6	20.0	-17.1	20.0
1,2-Dichlorobenzene	Ave	1.555	1.336	0.4000	17.2	20.0	-14.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.994	2.537		16.9	20.0	-15.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0998	0.0874	0.0500	17.5	20.0	-12.5	50.0
1,3,5-Trichlorobenzene	Ave	1.297	1.063		16.4	20.0	-18.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8945	0.7832	0.2000	17.5	20.0	-12.4	20.0
Hexachlorobutadiene	Ave	0.6785	0.5856		17.3	20.0	-13.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872434/2 Calibration Date: 10/17/2022 19:00

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99236.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Qua		1.191		20.0	20.0	-0.2	50.0
1,2,3-Trichlorobenzene	Ave	0.6710	0.6336		18.9	20.0	-5.6	20.0
Dibromofluoromethane (Surr)	Ave	0.3509	0.3720		53.0	50.0	6.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2990	0.2938		49.1	50.0	-1.7	20.0
Toluene-d8 (Surr)	Ave	1.438	1.443		50.2	50.0	0.4	20.0
Bromofluorobenzene	Ave	0.8078	0.7964		49.3	50.0	-1.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99236.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2022 19:00:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151861-002
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:11:47 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 17:11:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	79	10851	20.0	3.17	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	96	28343	20.0	8.62	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	99	151195	20.0	17.3	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	99	94077	20.0	12.6	
6 Chloromethane	50	1.455	1.455	0.000	99	124920	20.0	18.3	
8 Vinyl chloride	62	1.547	1.547	0.000	98	144000	20.0	19.7	
7 Butadiene	54	1.571	1.571	0.000	95	143961	20.0	20.0	
9 Bromomethane	94	1.845	1.845	0.000	99	84648	20.0	15.8	
10 Chloroethane	64	1.937	1.937	0.000	100	63081	20.0	18.3	
13 Trichlorofluoromethane	101	2.132	2.132	0.000	98	149678	20.0	18.6	
11 Dichlorofluoromethane	67	2.138	2.138	0.000	99	154843	20.0	17.7	
12 Pentane	72	2.187	2.187	0.000	96	37837	40.0	39.7	
15 Ethanol	46	2.388	2.388	0.000	95	8210	800.0	821.5	
14 Ethyl ether	59	2.406	2.406	0.000	94	49590	20.0	18.6	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	98	83277	20.0	19.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.467	2.467	0.000	85	85622	20.0	19.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.534	2.534	0.000	95	134837	20.0	19.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.583	2.583	0.000	97	106253	20.0	20.4	
19 Acrolein	56	2.589	2.589	0.000	96	94168	300.0	312.2	
21 1,1-Dichloroethene	96	2.613	2.613	0.000	97	88688	20.0	19.9	
22 Acetone	43	2.723	2.723	0.000	87	59445	100.0	92.3	
23 Iodomethane	142	2.772	2.772	0.000	98	118239	20.0	16.6	
24 Carbon disulfide	76	2.802	2.802	0.000	99	301256	20.0	19.4	
25 Isopropyl alcohol	45	2.863	2.863	0.000	98	21697	200.0	172.0	
26 3-Chloro-1-propene	76	2.973	2.973	0.000	88	50148	20.0	18.4	
28 Cyclopentene	67	2.991	2.991	0.000	94	220014	20.0	19.2	
27 Methyl acetate	43	3.004	3.004	0.000	99	55647	40.0	37.1	
29 Acetonitrile	40	3.058	3.058	0.000	98	23573	200.0	176.0	
30 Methylene Chloride	84	3.119	3.119	0.000	90	83155	20.0	19.1	
* 31 TBA-d9 (IS)	65	3.138	3.138	0.000	0	172065	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	3.217	3.217	0.000	99	46069	200.0	208.1	
33 Methyl tert-butyl ether	73	3.302	3.302	0.000	96	158378	20.0	19.3	
34 trans-1,2-Dichloroethene	96	3.333	3.333	0.000	93	91930	20.0	18.8	
35 Acrylonitrile	53	3.418	3.418	0.000	93	132312	200.0	165.6	
36 Hexane	57	3.516	3.516	0.000	92	127053	20.0	19.8	
37 Isopropyl ether	45	3.766	3.766	0.000	97	190235	20.0	19.2	
38 1,1-Dichloroethane	63	3.790	3.790	0.000	99	145996	20.0	19.0	
39 Vinyl acetate	86	3.827	3.827	0.000	99	20202	40.0	34.5	
40 2-Chloro-1,3-butadiene	88	3.839	3.839	0.000	90	77271	20.0	18.7	
41 Tert-butyl ethyl ether	59	4.137	4.137	0.000	90	171061	20.0	19.0	
43 2,2-Dichloropropane	79	4.357	4.357	0.000	95	41265	20.0	18.8	
* 42 2-Butanone-d5	46	4.363	4.363	0.000	96	164270	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.400	4.400	0.000	95	88337	20.0	18.5	
45 2-Butanone (MEK)	72	4.430	4.430	0.000	100	22162	100.0	87.4	
46 Ethyl acetate	70	4.448	4.448	0.000	97	7573	40.0	31.7	
47 Methyl acrylate	55	4.503	4.503	0.000	99	31520	20.0	18.0	
48 Propionitrile	54	4.582	4.582	0.000	98	44923	200.0	174.6	
49 Chlorobromomethane	128	4.662	4.662	0.000	82	38619	20.0	19.2	
50 Tetrahydrofuran	72	4.668	4.668	0.000	71	8706	40.0	37.1	
51 Methacrylonitrile	67	4.698	4.698	0.000	91	162303	200.0	173.0	
52 Chloroform	83	4.741	4.741	0.000	99	136231	20.0	18.5	
53 Cyclohexane	84	4.857	4.857	0.000	89	128705	20.0	19.7	
54 1,1,1-Trichloroethane	97	4.881	4.881	0.000	98	128395	20.0	19.0	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.924	0.000	97	192535	50.0	53.0	
56 Carbon tetrachloride	117	5.021	5.021	0.000	97	117132	20.0	19.0	
57 1,1-Dichloropropene	75	5.070	5.070	0.000	97	113227	20.0	19.7	
58 Isobutyl alcohol	43	5.284	5.284	0.000	89	71661	500.0	370.4	
59 Benzene	78	5.296	5.296	0.000	96	292593	20.0	18.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.326	0.000	97	152087	50.0	49.1	
61 Tert-amyl methyl ether	87	5.399	5.399	0.000	92	44887	20.0	18.3	
63 1,2-Dichloroethane	62	5.418	5.418	0.000	97	76226	20.0	18.3	
62 Isopropyl acetate	61	5.418	5.418	0.000	97	22685	20.0	17.6	
64 n-Heptane	43	5.515	5.515	0.000	89	108058	20.0	18.9	
* 65 Fluorobenzene	96	5.655	5.655	0.000	99	517613	50.0	50.0	
67 Trichloroethene	95	6.082	6.082	0.000	97	81927	20.0	19.3	
66 n-Butanol	56	6.119	6.119	0.000	91	11960	500.0	290.3	
68 Methylcyclohexane	83	6.210	6.210	0.000	95	137200	20.0	19.6	
69 Ethyl acrylate	55	6.265	6.265	0.000	99	33899	20.0	18.5	
70 1,2-Dichloropropane	63	6.424	6.424	0.000	89	64913	20.0	19.3	
* 71 1,4-Dioxane-d8	96	6.515	6.515	0.000	0	17034	1000.0	1000.0	
72 Methyl methacrylate	100	6.558	6.558	0.000	84	21299	40.0	35.8	
73 1,4-Dioxane	88	6.582	6.582	0.000	37	8879	400.0	295.6	
74 Dibromomethane	93	6.582	6.582	0.000	94	36056	20.0	18.1	
75 n-Propyl acetate	43	6.637	6.637	0.000	98	41010	20.0	17.1	
76 Dichlorobromomethane	83	6.777	6.777	0.000	99	87325	20.0	18.5	
77 2-Nitropropane	41	7.143	7.143	0.000	97	17035	40.0	33.3	
78 2-Chloroethyl vinyl ether	63	7.167	7.167	0.000	94	23310	20.0	18.3	
79 Epichlorohydrin	57	7.265	7.265	0.000	98	63406	400.0	356.7	
80 cis-1,3-Dichloropropene	75	7.314	7.314	0.000	92	98765	20.0	18.7	
81 4-Methyl-2-pentanone (MIBK)	43	7.478	7.478	0.000	96	140323	100.0	86.2	
$ 82 Toluene-d8 (Surr)	98	7.539	7.539	0.000	99	606156	50.0	50.2	
83 Toluene	91	7.606	7.606	0.000	93	296305	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
84 trans-1,3-Dichloropropene	75	7.936	7.936	0.000	97	79586	20.0	18.2	
85 Ethyl methacrylate	69	7.966	7.966	0.000	87	51482	20.0	18.4	
86 1,1,2-Trichloroethane	83	8.106	8.106	0.000	96	38978	20.0	17.9	
87 Tetrachloroethene	166	8.131	8.131	0.000	98	85492	20.0	18.1	
88 1,3-Dichloropropane	76	8.271	8.271	0.000	91	73769	20.0	18.9	
89 2-Hexanone	43	8.326	8.326	0.000	95	90861	100.0	86.3	
90 n-Butyl acetate	73	8.417	8.417	0.000	98	9365	20.0	17.6	
91 Chlorodibromomethane	129	8.448	8.448	0.000	98	59388	20.0	18.5	
92 Ethylene Dibromide	107	8.551	8.551	0.000	98	45245	20.0	18.7	
* 93 Chlorobenzene-d5	117	8.941	8.941	0.000	85	419968	50.0	50.0	
94 Chlorobenzene	112	8.966	8.966	0.000	97	178484	20.0	17.9	
95 Ethylbenzene	106	9.033	9.033	0.000	98	100573	20.0	17.3	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.045	0.000	96	61977	20.0	17.6	
97 m-Xylene & p-Xylene	106	9.136	9.136	0.000	0	122881	20.0	17.9	
98 n-Butyl acrylate	73	9.453	9.453	0.000	97	30865	20.0	16.9	
99 o-Xylene	106	9.466	9.466	0.000	94	116080	20.0	17.5	
100 Styrene	104	9.490	9.490	0.000	97	188970	20.0	17.8	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	56529	20.0	17.1	
102 Bromoform	173	9.667	9.667	0.000	97	33213	20.0	17.0	
103 Isopropylbenzene	105	9.752	9.752	0.000	95	312688	20.0	18.1	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	186194	50.0	49.3	
105 Bromobenzene	156	10.027	10.027	0.000	91	76519	20.0	17.6	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.000	98	45701	20.0	16.9	
107 N-Propylbenzene	91	10.075	10.075	0.000	99	378368	20.0	17.4	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	97	13229	20.0	16.8	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	87	10375	20.0	16.7	
110 4-Ethyltoluene	105	10.161	10.161	0.000	99	311395	20.0	16.5	
111 2-Chlorotoluene	91	10.167	10.167	0.000	95	235841	20.0	16.5	
112 1,3,5-Trimethylbenzene	105	10.216	10.216	0.000	93	258042	20.0	17.4	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	209815	20.0	16.7	
114 Butyl Methacrylate	87	10.283	10.283	0.000	89	66168	20.0	17.2	
115 tert-Butylbenzene	119	10.447	10.447	0.000	95	232050	20.0	17.3	
116 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	251299	20.0	17.0	
117 sec-Butylbenzene	105	10.612	10.612	0.000	99	354597	20.0	17.5	
118 4-Isopropyltoluene	119	10.715	10.715	0.000	98	293346	20.0	16.8	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	144844	20.0	16.6	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	233803	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	96	145140	20.0	16.6	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	246045	20.0	16.4	
123 Benzyl chloride	126	10.911	10.911	0.000	100	17852	20.0	16.3	
124 2,3-Dihydroindene	117	10.959	10.959	0.000	94	254965	20.0	18.1	
125 p-Diethylbenzene	119	10.990	10.990	0.000	94	162989	20.0	16.4	
126 n-Butylbenzene	92	11.008	11.008	0.000	95	152903	20.0	16.6	
127 1,2-Dichlorobenzene	146	11.075	11.075	0.000	98	124980	20.0	17.2	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	97	237230	20.0	16.9	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.666	0.000	91	8173	20.0	17.5	
130 1,3,5-Trichlorobenzene	180	11.782	11.782	0.000	97	99415	20.0	16.4	
131 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	73250	20.0	17.5	
132 Hexachlorobutadiene	225	12.435	12.435	0.000	94	54767	20.0	17.3	
133 Naphthalene	128	12.587	12.587	0.000	99	111372	20.0	20.0	
134 1,2,3-Trichlorobenzene	180	12.843	12.843	0.000	96	59255	20.0	18.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	37.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.8	
S 137 Xylenes, Total	100				0		40.0	35.4	
S 138 Total BTEX	1				0		100.0	88.5	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00498	Amount Added:	2.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 18-Oct-2022 17:11:48 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99236.D

Injection Date: 17-Oct-2022 19:00:30 Instrument ID: CVOAMS4 Operator ID:

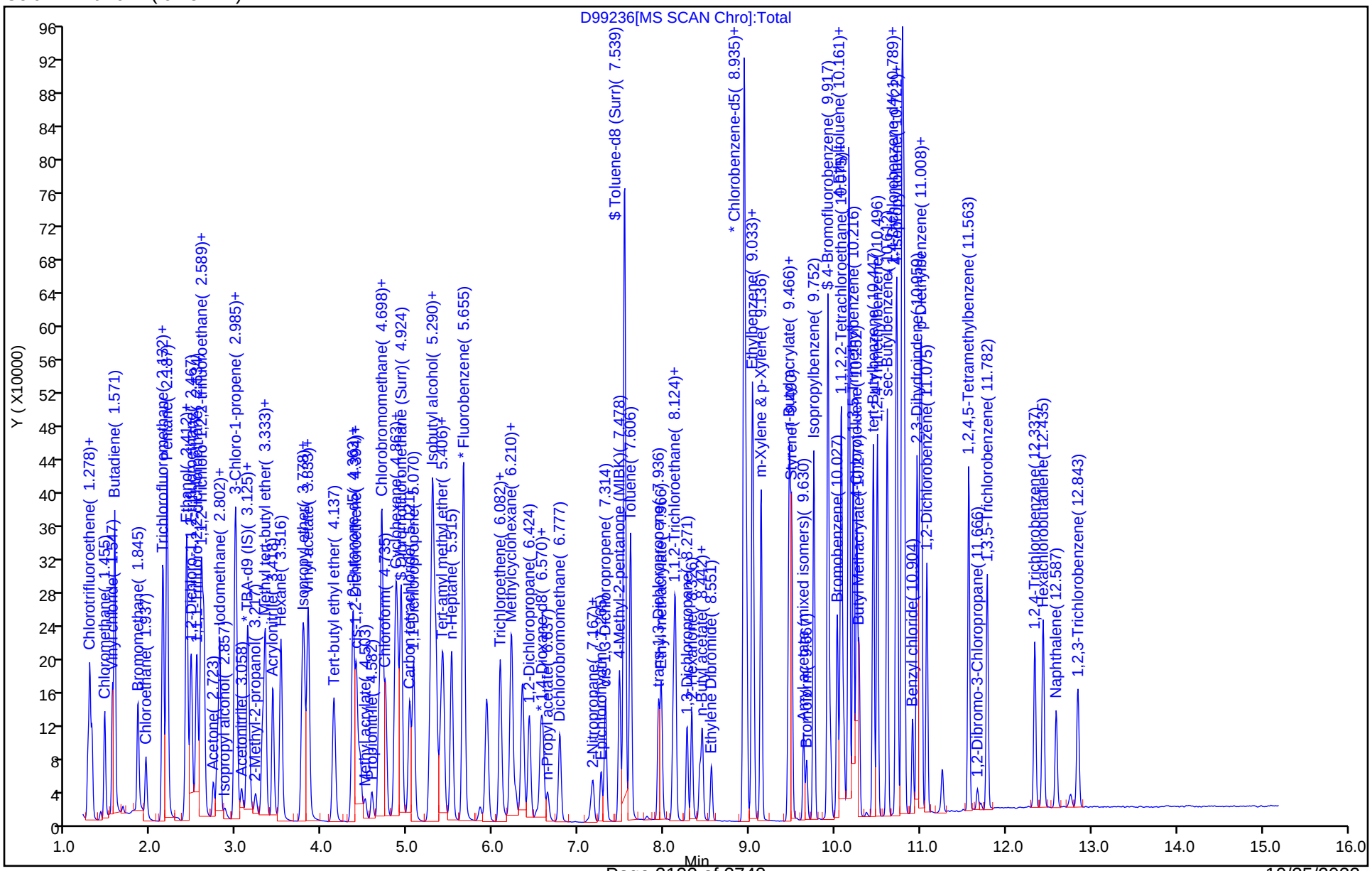
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872520/3 Calibration Date: 10/18/2022 07:03

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99267.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.3307	0.3308		20.0	20.0	0.0	20.0
1,1-Difluoroethane	Ave	0.3174	0.3156		19.9	20.0	-0.6	20.0
Dichlorodifluoromethane	Ave	0.8442	0.8477	0.1000	20.1	20.0	0.4	20.0
Chlorodifluoromethane	Ave	0.7212	0.7627		21.2	20.0	5.8	20.0
Chloromethane	Ave	0.6604	0.6742	0.1000	20.4	20.0	2.1	20.0
Vinyl chloride	Ave	0.7067	0.7684	0.1000	21.7	20.0	8.7	20.0
Butadiene	Ave	0.6958	0.7684		22.1	20.0	10.4	20.0
Bromomethane	QuaF		0.4595	0.1000	17.8	20.0	-11.1	50.0
Chloroethane	Ave	0.3333	0.3364	0.1000	20.2	20.0	0.9	50.0
Dichlorofluoromethane	Ave	0.8445	0.8312		19.7	20.0	-1.6	20.0
Trichlorofluoromethane	Ave	0.7768	0.7795	0.1000	20.1	20.0	0.3	20.0
Pentane	Ave	0.0921	0.0908		39.4	40.0	-1.4	20.0
Ethanol	QuaF		0.0517		712	800	-11.0	50.0
Ethyl ether	Ave	0.2575	0.2515		19.5	20.0	-2.3	20.0
2-Methyl-1,3-butadiene	Ave	0.4176	0.4184		20.0	20.0	0.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4212	0.4183		19.9	20.0	-0.7	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6559	0.6627		20.2	20.0	1.0	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.5024	0.5245	0.1000	20.9	20.0	4.4	20.0
Acrolein	Ave	0.0291	0.0257		264	300	-11.8	50.0
1,1-Dichloroethene	Ave	0.4296	0.4510	0.1000	21.0	20.0	5.0	20.0
Acetone	QuaF		0.8425	0.0500	85.9	100	-14.1	50.0
Iodomethane	QuaF		0.5970		17.4	20.0	-13.2	20.0
Carbon disulfide	Ave	1.502	1.509	0.1000	20.1	20.0	0.5	50.0
Isopropyl alcohol	Ave	0.7330	0.5870		160	200	-19.9	50.0
3-Chloro-1-propene	Ave	0.2637	0.2644		20.1	20.0	0.3	20.0
Cyclopentene	Ave	1.105	1.107		20.0	20.0	0.2	20.0
Methyl acetate	Ave	0.1450	0.1369	0.1000	37.8	40.0	-5.6	20.0
Acetonitrile	Ave	0.7785	0.6844		176	200	-12.1	20.0
Methylene Chloride	Ave	0.4206	0.4151	0.1000	19.7	20.0	-1.3	20.0
2-Methyl-2-propanol	QuaF		1.043		162	200	-18.9	50.0
Methyl tert-butyl ether	Ave	0.7937	0.7820	0.1000	19.7	20.0	-1.5	20.0
trans-1,2-Dichloroethene	Ave	0.4715	0.4655	0.1000	19.7	20.0	-1.3	20.0
Acrylonitrile	Ave	4.643	3.780		163	200	-18.6	20.0
Hexane	Ave	0.6189	0.6296		20.3	20.0	1.7	20.0
Isopropyl ether	Ave	0.9583	0.9721		20.3	20.0	1.4	20.0
1,1-Dichloroethane	Ave	0.7424	0.7382	0.2000	19.9	20.0	-0.6	20.0
Vinyl acetate	Ave	0.0566	0.0464		32.8	40.0	-18.1	20.0
2-Chloro-1,3-butadiene	Ave	0.3983	0.3977		20.0	20.0	-0.1	20.0
Tert-butyl ethyl ether	Ave	0.8716	0.8628		19.8	20.0	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872520/3 Calibration Date: 10/18/2022 07:03

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99267.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2116	0.2029		19.2	20.0	-4.1	20.0
cis-1,2-Dichloroethene	Ave	0.4616	0.4564	0.1000	19.8	20.0	-1.1	20.0
2-Butanone (MEK)	Ave	0.3860	0.3251	0.0500	84.2	100	-15.8	50.0
Ethyl acetate	Ave	0.3636	0.2961		32.6	40.0	-18.6	20.0
Methyl acrylate	Ave	0.1692	0.1584		18.7	20.0	-6.4	20.0
Propionitrile	Ave	0.3916	0.3445		176	200	-12.0	20.0
Chlorobromomethane	Ave	0.1944	0.1938		19.9	20.0	-0.3	20.0
Tetrahydrofuran	Ave	0.3567	0.3427		38.4	40.0	-3.9	20.0
Methacrylonitrile	Ave	0.0906	0.0813		179	200	-10.3	20.0
Chloroform	Ave	0.7118	0.6801	0.2000	19.1	20.0	-4.5	20.0
Cyclohexane	Ave	0.6307	0.6352	0.1000	20.1	20.0	0.7	50.0
1,1,1-Trichloroethane	Ave	0.6533	0.6407	0.1000	19.6	20.0	-1.9	20.0
Carbon tetrachloride	Ave	0.5958	0.5775	0.1000	19.4	20.0	-3.1	20.0
1,1-Dichloropropene	Ave	0.5565	0.5720		20.6	20.0	2.8	20.0
Isobutyl alcohol	QuaF		0.8057		358	500	-28.3*	20.0
Benzene	Ave	1.933	1.793	0.5000	18.5	20.0	-7.3	20.0
Tert-amyl methyl ether	Ave	0.2365	0.2264		19.1	20.0	-4.3	20.0
1,2-Dichloroethane	Ave	0.4034	0.3748	0.1000	18.6	20.0	-7.1	20.0
Isopropyl acetate	Ave	0.1244	0.1141		18.4	20.0	-8.2	20.0
n-Heptane	Ave	0.5509	0.5432		19.7	20.0	-1.4	20.0
Trichloroethene	Ave	0.4106	0.4117	0.2000	20.1	20.0	0.3	20.0
n-Butanol	Ave	0.2395	0.1177		246	500	-50.8*	50.0
Methylcyclohexane	Ave	0.6773	0.6853	0.1000	20.2	20.0	1.2	50.0
Ethyl acrylate	Qua2		0.1681		19.0	20.0	-4.9	20.0
1,2-Dichloropropane	Ave	0.3255	0.3320	0.1000	20.4	20.0	2.0	20.0
Methyl methacrylate	Ave	0.0574	0.0535		37.3	40.0	-6.7	20.0
1,4-Dioxane	QuaF		1.249		283	400	-29.2	50.0
Dibromomethane	Ave	0.1921	0.1792		18.7	20.0	-6.7	20.0
n-Propyl acetate	Ave	0.2318	0.2198		19.0	20.0	-5.2	20.0
Bromodichloromethane	Ave	0.4565	0.4331	0.2000	19.0	20.0	-5.1	20.0
2-Nitropropane	QuaF		0.0401		32.5	40.0	-18.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1192		19.5	20.0	-2.9	20.0
Epichlorohydrin	Ave	0.2705	0.2327		344	400	-14.0	20.0
cis-1,3-Dichloropropene	Ave	0.6290	0.5900	0.2000	18.8	20.0	-6.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.477	2.161	0.0500	87.3	100	-12.7	50.0
Toluene	Ave	1.978	1.796	0.4000	18.2	20.0	-9.2	20.0
trans-1,3-Dichloropropene	Ave	0.5220	0.4659	0.1000	17.8	20.0	-10.8	50.0
Ethyl methacrylate	Ave	0.2709	0.2478		18.3	20.0	-8.5	20.0
1,1,2-Trichloroethane	Ave	0.2589	0.2330	0.1000	18.0	20.0	-10.0	20.0
Tetrachloroethene	Ave	0.5618	0.5179	0.2000	18.4	20.0	-7.8	20.0
1,3-Dichloropropane	Ave	0.4655	0.4410		18.9	20.0	-5.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872520/3 Calibration Date: 10/18/2022 07:03

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99267.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.603	1.391	0.0500	86.8	100	-13.2	50.0
n-Butyl acetate	Ave	0.0633	0.0583		18.4	20.0	-7.8	20.0
Dibromochloromethane	Ave	0.3816	0.3453	0.1000	18.1	20.0	-9.5	50.0
Ethylene Dibromide	Ave	0.2884	0.2688	0.1000	18.6	20.0	-6.8	20.0
Chlorobenzene	Ave	1.184	1.073	0.5000	18.1	20.0	-9.4	20.0
Ethylbenzene	Ave	0.6930	0.6040	0.1000	17.4	20.0	-12.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4199	0.3622		17.3	20.0	-13.7	20.0
m-Xylene & p-Xylene	Ave	0.8183	0.7344	0.1000	17.9	20.0	-10.3	20.0
n-Butyl acrylate	Ave	0.2172	0.1768		16.3	20.0	-18.6	20.0
o-Xylene	Ave	0.7909	0.6812	0.3000	17.2	20.0	-13.9	20.0
Styrene	Ave	1.266	1.114	0.3000	17.6	20.0	-12.0	20.0
Amyl acetate (mixed isomers)	Ave	0.7056	0.6171		17.5	20.0	-12.5	20.0
Bromoform	Ave	0.2322	0.1895	0.1000	16.3	20.0	-18.4	20.0
Isopropylbenzene	Ave	2.062	1.848	0.1000	17.9	20.0	-10.4	20.0
Bromobenzene	Ave	0.9294	0.7980		17.2	20.0	-14.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5787	0.4768	0.3000	16.5	20.0	-17.6	20.0
N-Propylbenzene	Ave	4.638	4.037		17.4	20.0	-13.0	20.0
1,2,3-Trichloropropane	Ave	0.1682	0.1334		15.9	20.0	-20.7*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1332	0.1042		15.7	20.0	-21.7*	20.0
2-Chlorotoluene	Ave	3.064	2.459		16.0	20.0	-19.8	20.0
4-Ethyltoluene	Ave	4.046	3.358		16.6	20.0	-17.0	20.0
1,3,5-Trimethylbenzene	Ave	3.174	2.736		17.2	20.0	-13.8	20.0
4-Chlorotoluene	Ave	2.685	2.292		17.1	20.0	-14.7	20.0
Butyl Methacrylate	Ave	0.8214	0.6974		17.0	20.0	-15.1	20.0
tert-Butylbenzene	Ave	2.867	2.413		16.8	20.0	-15.9	20.0
1,2,4-Trimethylbenzene	Ave	3.169	2.689		17.0	20.0	-15.2	20.0
sec-Butylbenzene	Ave	4.325	3.712		17.2	20.0	-14.2	20.0
4-Isopropyltoluene	Ave	3.741	3.108		16.6	20.0	-16.9	20.0
1,3-Dichlorobenzene	Ave	1.862	1.542	0.6000	16.6	20.0	-17.2	20.0
1,4-Dichlorobenzene	Ave	1.868	1.531	0.5000	16.4	20.0	-18.1	20.0
1,2,3-Trimethylbenzene	Ave	3.199	2.614		16.3	20.0	-18.3	20.0
Benzyl chloride	Ave	0.2341	0.1836		15.7	20.0	-21.6	50.0
Indan	Ave	1.362	1.273		18.7	20.0	-6.6	20.0
p-Diethylbenzene	Ave	2.129	1.734		16.3	20.0	-18.6	20.0
n-Butylbenzene	Ave	1.972	1.620		16.4	20.0	-17.8	20.0
1,2-Dichlorobenzene	Ave	1.555	1.317	0.4000	16.9	20.0	-15.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.994	2.477		16.5	20.0	-17.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0998	0.0805	0.0500	16.1	20.0	-19.4	50.0
1,3,5-Trichlorobenzene	Ave	1.297	1.047		16.1	20.0	-19.3	20.0
1,2,4-Trichlorobenzene	Ave	0.8945	0.7851	0.2000	17.6	20.0	-12.2	20.0
Hexachlorobutadiene	Ave	0.6785	0.5442		16.0	20.0	-19.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872520/3 Calibration Date: 10/18/2022 07:03

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99267.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Qua		1.124		18.8	20.0	-5.9	50.0
1,2,3-Trichlorobenzene	Ave	0.6710	0.5932		17.7	20.0	-11.6	20.0
Dibromofluoromethane (Surr)	Ave	0.3509	0.3708		52.8	50.0	5.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2990	0.2958		49.5	50.0	-1.0	20.0
Toluene-d8 (Surr)	Ave	1.438	1.436		49.9	50.0	-0.1	20.0
Bromofluorobenzene	Ave	0.8078	0.7779		48.1	50.0	-3.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99267.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 18-Oct-2022 07:03:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151878-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:35:03 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 14:35:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	90	83661	20.0	20.0	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	96	79814	20.0	19.9	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	99	214377	20.0	20.1	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	97	192864	20.0	21.2	
6 Chloromethane	50	1.449	1.449	0.000	99	170482	20.0	20.4	
8 Vinyl chloride	62	1.540	1.540	0.000	99	194326	20.0	21.7	
7 Butadiene	54	1.571	1.571	0.000	95	194304	20.0	22.1	
9 Bromomethane	94	1.839	1.839	0.000	98	116201	20.0	17.8	
10 Chloroethane	64	1.937	1.937	0.000	100	85062	20.0	20.2	
13 Trichlorofluoromethane	101	2.132	2.132	0.000	98	197128	20.0	20.1	
11 Dichlorofluoromethane	67	2.132	2.132	0.000	98	210206	20.0	19.7	
12 Pentane	72	2.181	2.181	0.000	96	45920	40.0	39.4	
15 Ethanol	46	2.382	2.382	0.000	92	9080	800.0	712.4	
14 Ethyl ether	59	2.400	2.400	0.000	92	63608	20.0	19.5	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	97	105795	20.0	20.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.461	0.000	92	105773	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.528	0.000	95	167586	20.0	20.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	97	132639	20.0	20.9	
19 Acrolein	56	2.583	2.583	0.000	96	97434	300.0	264.5	
21 1,1-Dichloroethene	96	2.613	2.613	0.000	98	114044	20.0	21.0	
22 Acetone	43	2.723	2.723	0.000	87	70416	100.0	85.9	
23 Iodomethane	142	2.772	2.772	0.000	98	150959	20.0	17.4	
24 Carbon disulfide	76	2.796	2.796	0.000	99	381632	20.0	20.1	
25 Isopropyl alcohol	45	2.857	2.857	0.000	98	25777	200.0	160.2	
26 3-Chloro-1-propene	76	2.973	2.973	0.000	89	66860	20.0	20.1	
28 Cyclopentene	67	2.985	2.985	0.000	94	279929	20.0	20.0	
27 Methyl acetate	43	2.997	2.997	0.000	99	69247	40.0	37.8	
29 Acetonitrile	40	3.052	3.052	0.000	98	30053	200.0	175.8	
30 Methylene Chloride	84	3.119	3.119	0.000	90	104966	20.0	19.7	
* 31 TBA-d9 (IS)	65	3.132	3.132	0.000	0	219569	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	3.217	3.217	0.000	98	45820	200.0	162.1	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	197761	20.0	19.7	
34 trans-1,2-Dichloroethene	96	3.327	3.327	0.000	93	117720	20.0	19.7	
35 Acrylonitrile	53	3.418	3.418	0.000	93	166014	200.0	162.8	
36 Hexane	57	3.510	3.510	0.000	92	159222	20.0	20.3	
37 Isopropyl ether	45	3.766	3.766	0.000	97	245838	20.0	20.3	
38 1,1-Dichloroethane	63	3.784	3.784	0.000	99	186677	20.0	19.9	
39 Vinyl acetate	86	3.820	3.820	0.000	100	23450	40.0	32.8	
40 2-Chloro-1,3-butadiene	88	3.833	3.833	0.000	90	100569	20.0	20.0	
41 Tert-butyl ethyl ether	59	4.131	4.131	0.000	90	218190	20.0	19.8	
43 2,2-Dichloropropane	79	4.351	4.351	0.000	95	51302	20.0	19.2	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	95	208950	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.394	4.394	0.000	98	115408	20.0	19.8	
45 2-Butanone (MEK)	72	4.424	4.424	0.000	99	27170	100.0	84.2	
46 Ethyl acetate	70	4.442	4.442	0.000	97	9900	40.0	32.6	
47 Methyl acrylate	55	4.497	4.497	0.000	100	40052	20.0	18.7	
48 Propionitrile	54	4.576	4.576	0.000	98	57591	200.0	176.0	
49 Chlorobromomethane	128	4.656	4.656	0.000	83	49020	20.0	19.9	
50 Tetrahydrofuran	72	4.662	4.662	0.000	84	11458	40.0	38.4	
51 Methacrylonitrile	67	4.692	4.692	0.000	91	205656	200.0	179.5	
52 Chloroform	83	4.735	4.735	0.000	99	171977	20.0	19.1	
53 Cyclohexane	84	4.851	4.851	0.000	90	160628	20.0	20.1	
54 1,1,1-Trichloroethane	97	4.875	4.875	0.000	98	162016	20.0	19.6	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	234414	50.0	52.8	
56 Carbon tetrachloride	117	5.015	5.015	0.000	97	146028	20.0	19.4	
57 1,1-Dichloropropene	75	5.064	5.064	0.000	97	144660	20.0	20.6	
58 Isobutyl alcohol	43	5.277	5.277	0.000	88	88452	500.0	358.3	
59 Benzene	78	5.290	5.290	0.000	96	381067	20.0	18.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	98	187035	50.0	49.5	
61 Tert-amyl methyl ether	87	5.393	5.393	0.000	92	57248	20.0	19.1	
63 1,2-Dichloroethane	62	5.412	5.412	0.000	96	94783	20.0	18.6	
62 Isopropyl acetate	61	5.412	5.412	0.000	98	28864	20.0	18.4	
64 n-Heptane	43	5.509	5.509	0.000	90	137377	20.0	19.7	
* 65 Fluorobenzene	96	5.649	5.649	0.000	99	632204	50.0	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	96	104114	20.0	20.1	
66 n-Butanol	56	6.113	6.113	0.000	90	12923	500.0	245.8	
68 Methylcyclohexane	83	6.204	6.204	0.000	94	173311	20.0	20.2	
69 Ethyl acrylate	55	6.259	6.259	0.000	99	42517	20.0	19.0	
70 1,2-Dichloropropane	63	6.418	6.418	0.000	90	83966	20.0	20.4	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	21391	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.552	0.000	85	27073	40.0	37.3	
73 1,4-Dioxane	88	6.576	6.576	0.000	37	10685	400.0	283.3	
74 Dibromomethane	93	6.576	6.576	0.000	93	45307	20.0	18.7	
75 n-Propyl acetate	43	6.631	6.631	0.000	98	55585	20.0	19.0	
76 Dichlorobromomethane	83	6.777	6.777	0.000	99	109514	20.0	19.0	
77 2-Nitropropane	41	7.137	7.137	0.000	98	20278	40.0	32.5	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	95	30214	20.0	19.5	
79 Epichlorohydrin	57	7.259	7.259	0.000	99	77790	400.0	344.1	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	91	125404	20.0	18.8	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.472	0.000	97	180636	100.0	87.3	
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	763248	50.0	49.9	
83 Toluene	91	7.600	7.600	0.000	93	381847	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.929	7.929	0.000	95	99025	20.0	17.8	
85 Ethyl methacrylate	69	7.960	7.960	0.000	86	62662	20.0	18.3	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	49521	20.0	18.0	
87 Tetrachloroethene	166	8.124	8.124	0.000	97	110094	20.0	18.4	
88 1,3-Dichloropropane	76	8.265	8.265	0.000	92	93743	20.0	18.9	
89 2-Hexanone	43	8.320	8.320	0.000	95	116298	100.0	86.8	
90 n-Butyl acetate	73	8.417	8.417	0.000	98	12399	20.0	18.4	
91 Chlorodibromomethane	129	8.442	8.442	0.000	98	73389	20.0	18.1	
92 Ethylene Dibromide	107	8.551	8.551	0.000	99	57140	20.0	18.6	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	531408	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	96	228098	20.0	18.1	
95 Ethylbenzene	106	9.027	9.027	0.000	98	128381	20.0	17.4	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.045	0.000	97	76989	20.0	17.3	
97 m-Xylene & p-Xylene	106	9.130	9.130	0.000	0	156099	20.0	17.9	
98 n-Butyl acrylate	73	9.447	9.447	0.000	97	37576	20.0	16.3	
99 o-Xylene	106	9.466	9.466	0.000	94	144794	20.0	17.2	
100 Styrene	104	9.490	9.490	0.000	97	236876	20.0	17.6	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	72157	20.0	17.5	
102 Bromoform	173	9.667	9.667	0.000	97	40291	20.0	16.3	
103 Isopropylbenzene	105	9.752	9.752	0.000	95	392713	20.0	17.9	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	227407	50.0	48.1	
105 Bromobenzene	156	10.027	10.027	0.000	91	93316	20.0	17.2	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.000	98	55752	20.0	16.5	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	472065	20.0	17.4	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	94	15599	20.0	15.9	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	87	12188	20.0	15.7	
110 4-Ethyltoluene	105	10.161	10.161	0.000	99	392640	20.0	16.6	
111 2-Chlorotoluene	91	10.161	10.161	0.000	95	287484	20.0	16.0	
112 1,3,5-Trimethylbenzene	105	10.209	10.209	0.000	93	319885	20.0	17.2	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	267963	20.0	17.1	
114 Butyl Methacrylate	87	10.277	10.277	0.000	89	81548	20.0	17.0	
115 tert-Butylbenzene	119	10.447	10.447	0.000	95	282143	20.0	16.8	
116 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	314375	20.0	17.0	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	434060	20.0	17.2	
118 4-Isopropyltoluene	119	10.715	10.715	0.000	98	363417	20.0	16.6	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	180337	20.0	16.6	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	292331	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	97	179018	20.0	16.4	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	305605	20.0	16.3	
123 Benzyl chloride	126	10.904	10.904	0.000	99	21465	20.0	15.7	
124 2,3-Dihydroindene	117	10.959	10.959	0.000	93	321836	20.0	18.7	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	202739	20.0	16.3	
126 n-Butylbenzene	92	11.008	11.008	0.000	96	189427	20.0	16.4	
127 1,2-Dichlorobenzene	146	11.075	11.075	0.000	98	153946	20.0	16.9	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	97	289605	20.0	16.5	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.666	0.000	93	9408	20.0	16.1	
130 1,3,5-Trichlorobenzene	180	11.782	11.782	0.000	98	122397	20.0	16.1	
131 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	91801	20.0	17.6	
132 Hexachlorobutadiene	225	12.435	12.435	0.000	94	63636	20.0	16.0	
133 Naphthalene	128	12.587	12.587	0.000	99	131466	20.0	18.8	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	69369	20.0	17.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.6	
S 137 Xylenes, Total	100				0		40.0	35.2	
S 138 Total BTEX	1				0		100.0	89.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00498	Amount Added:	2.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 18-Oct-2022 14:35:04 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99267.D

Injection Date: 18-Oct-2022 07:03:30 Instrument ID: CVOAMS4 Operator ID:

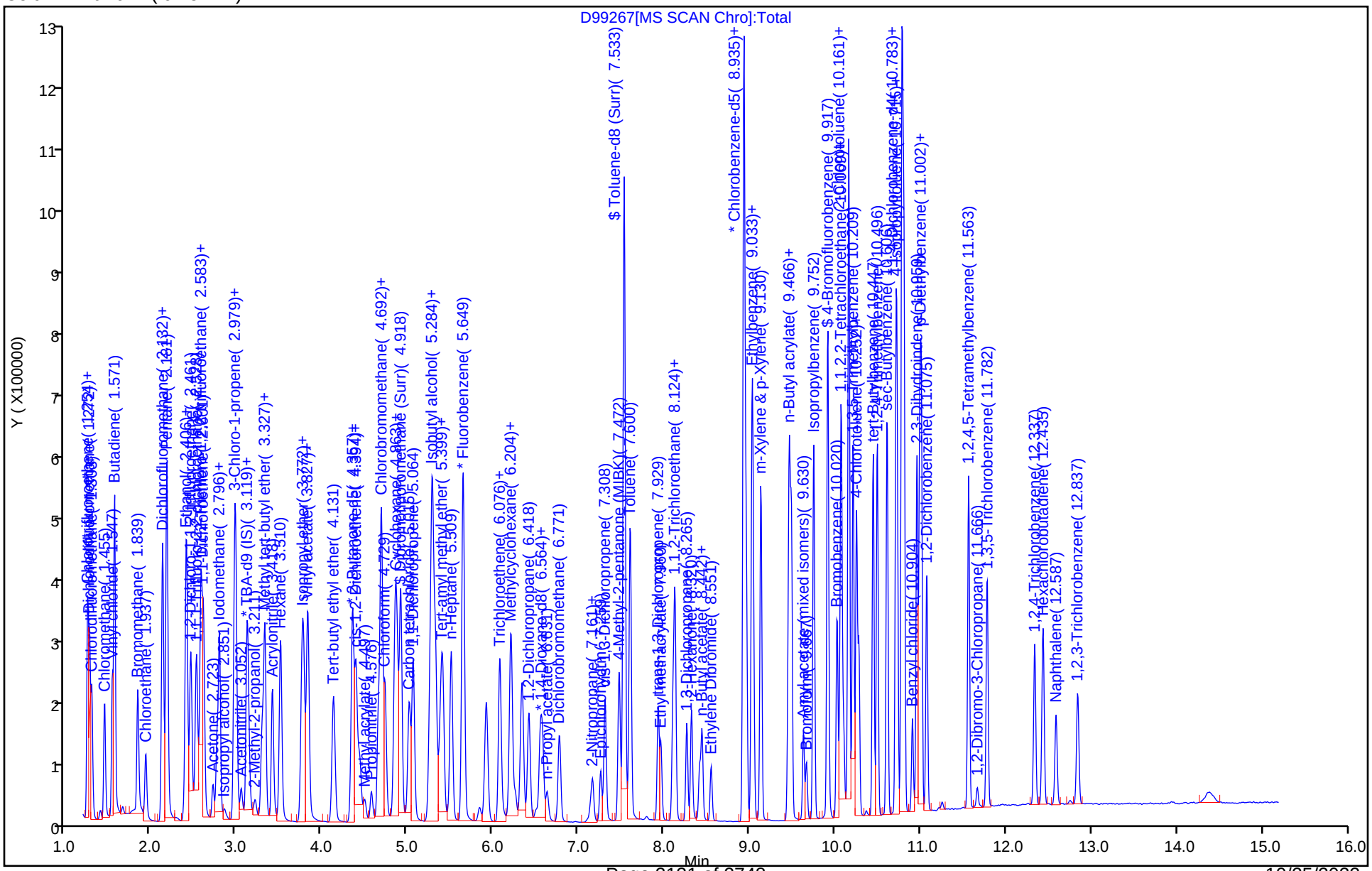
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872654/3 Calibration Date: 10/18/2022 19:06

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99299.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.3307	0.3298		19.9	20.0	-0.3	20.0
1,1-Difluoroethane	Ave	0.3174	0.3810		24.0	20.0	20.0	20.0
Dichlorodifluoromethane	Ave	0.8442	0.9186	0.1000	21.8	20.0	8.8	20.0
Chlorodifluoromethane	Ave	0.7212	0.8434		23.4	20.0	16.9	20.0
Chloromethane	Ave	0.6604	0.7216	0.1000	21.9	20.0	9.3	20.0
Vinyl chloride	Ave	0.7067	0.8254	0.1000	23.4	20.0	16.8	20.0
Butadiene	Ave	0.6958	0.8146		23.4	20.0	17.1	20.0
Bromomethane	QuaF		0.4818	0.1000	18.7	20.0	-6.7	50.0
Chloroethane	Ave	0.3333	0.3536	0.1000	21.2	20.0	6.1	50.0
Dichlorofluoromethane	Ave	0.8445	0.8809		20.9	20.0	4.3	20.0
Trichlorofluoromethane	Ave	0.7768	0.8403	0.1000	21.6	20.0	8.2	20.0
Pentane	Ave	0.0921	0.1117		48.5	40.0	21.3*	20.0
Ethanol	QuaF		0.0571		787	800	-1.6	50.0
Ethyl ether	Ave	0.2575	0.2917		22.7	20.0	13.3	20.0
2-Methyl-1,3-butadiene	Ave	0.4176	0.5001		24.0	20.0	19.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4212	0.4754		22.6	20.0	12.9	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6559	0.7630		23.3	20.0	16.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5024	0.6226	0.1000	24.8	20.0	23.9*	20.0
Acrolein	Ave	0.0291	0.0343		353	300	17.6	50.0
1,1-Dichloroethene	Ave	0.4296	0.5074	0.1000	23.6	20.0	18.1	20.0
Acetone	QuaF		0.8585	0.0500	87.6	100	-12.4	50.0
Iodomethane	QuaF		0.6531		19.0	20.0	-5.0	20.0
Carbon disulfide	Ave	1.502	1.776	0.1000	23.7	20.0	18.3	50.0
Isopropyl alcohol	Ave	0.7330	0.6108		167	200	-16.7	50.0
3-Chloro-1-propene	Ave	0.2637	0.3022		22.9	20.0	14.6	20.0
Cyclopentene	Ave	1.105	1.311		23.7	20.0	18.6	20.0
Methyl acetate	Ave	0.1450	0.1618	0.1000	44.6	40.0	11.5	20.0
Acetonitrile	Ave	0.7785	0.6906		177	200	-11.3	20.0
Methylene Chloride	Ave	0.4206	0.4888	0.1000	23.2	20.0	16.2	20.0
2-Methyl-2-propanol	QuaF		1.039		161	200	-19.3	50.0
Methyl tert-butyl ether	Ave	0.7937	0.8932	0.1000	22.5	20.0	12.5	20.0
trans-1,2-Dichloroethene	Ave	0.4715	0.5357	0.1000	22.7	20.0	13.6	20.0
Acrylonitrile	Ave	4.643	3.826		165	200	-17.6	20.0
Hexane	Ave	0.6189	0.7643		24.7	20.0	23.5*	20.0
Isopropyl ether	Ave	0.9583	1.107		23.1	20.0	15.5	20.0
1,1-Dichloroethane	Ave	0.7424	0.8428	0.2000	22.7	20.0	13.5	20.0
Vinyl acetate	Ave	0.0566	0.0576		40.7	40.0	1.8	20.0
2-Chloro-1,3-butadiene	Ave	0.3983	0.4422		22.2	20.0	11.0	20.0
Tert-butyl ethyl ether	Ave	0.8716	0.9750		22.4	20.0	11.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872654/3 Calibration Date: 10/18/2022 19:06

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99299.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2116	0.2361		22.3	20.0	11.6	20.0
cis-1,2-Dichloroethene	Ave	0.4616	0.5122	0.1000	22.2	20.0	11.0	20.0
2-Butanone (MEK)	Ave	0.3860	0.3355	0.0500	86.9	100	-13.1	50.0
Ethyl acetate	Ave	0.3636	0.2938		32.3	40.0	-19.2	20.0
Methyl acrylate	Ave	0.1692	0.1727		20.4	20.0	2.1	20.0
Propionitrile	Ave	0.3916	0.3595		184	200	-8.2	20.0
Chlorobromomethane	Ave	0.1944	0.2182		22.4	20.0	12.2	20.0
Tetrahydrofuran	Ave	0.3567	0.3354		37.6	40.0	-6.0	20.0
Methacrylonitrile	Ave	0.0906	0.0951		210	200	5.0	20.0
Chloroform	Ave	0.7118	0.7736	0.2000	21.7	20.0	8.7	20.0
Cyclohexane	Ave	0.6307	0.7620	0.1000	24.2	20.0	20.8	50.0
1,1,1-Trichloroethane	Ave	0.6533	0.7369	0.1000	22.6	20.0	12.8	20.0
Carbon tetrachloride	Ave	0.5958	0.6609	0.1000	22.2	20.0	10.9	20.0
1,1-Dichloropropene	Ave	0.5565	0.6453		23.2	20.0	16.0	20.0
Isobutyl alcohol	QuaF		0.8263		367	500	-26.5*	20.0
Benzene	Ave	1.933	1.823	0.5000	18.9	20.0	-5.7	20.0
Tert-amyl methyl ether	Ave	0.2365	0.2466		20.9	20.0	4.3	20.0
1,2-Dichloroethane	Ave	0.4034	0.4200	0.1000	20.8	20.0	4.1	20.0
Isopropyl acetate	Ave	0.1244	0.1298		20.9	20.0	4.4	20.0
n-Heptane	Ave	0.5509	0.6721		24.4	20.0	22.0*	20.0
Trichloroethene	Ave	0.4106	0.4589	0.2000	22.4	20.0	11.8	20.0
n-Butanol	Ave	0.2395	0.1141		238	500	-52.3*	50.0
Methylcyclohexane	Ave	0.6773	0.8101	0.1000	23.9	20.0	19.6	50.0
Ethyl acrylate	Qua2		0.1995		22.5	20.0	12.4	20.0
1,2-Dichloropropane	Ave	0.3255	0.3760	0.1000	23.1	20.0	15.5	20.0
Methyl methacrylate	Ave	0.0574	0.0608		42.4	40.0	5.9	20.0
1,4-Dioxane	QuaF		1.109		252	400	-37.1	50.0
Dibromomethane	Ave	0.1921	0.2058		21.4	20.0	7.2	20.0
n-Propyl acetate	Ave	0.2318	0.2585		22.3	20.0	11.5	20.0
Bromodichloromethane	Ave	0.4565	0.4921	0.2000	21.6	20.0	7.8	20.0
2-Nitropropane	QuaF		0.0481		39.0	40.0	-2.5	20.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1330		21.7	20.0	8.3	20.0
Epichlorohydrin	Ave	0.2705	0.2404		355	400	-11.1	20.0
cis-1,3-Dichloropropene	Ave	0.6290	0.6023	0.2000	19.2	20.0	-4.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.477	2.189	0.0500	88.4	100	-11.6	50.0
Toluene	Ave	1.978	1.889	0.4000	19.1	20.0	-4.5	20.0
trans-1,3-Dichloropropene	Ave	0.5220	0.4789	0.1000	18.3	20.0	-8.3	50.0
Ethyl methacrylate	Ave	0.2709	0.2963		21.9	20.0	9.4	20.0
1,1,2-Trichloroethane	Ave	0.2589	0.2434	0.1000	18.8	20.0	-6.0	20.0
Tetrachloroethene	Ave	0.5618	0.5243	0.2000	18.7	20.0	-6.7	20.0
1,3-Dichloropropane	Ave	0.4655	0.4561		19.6	20.0	-2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872654/3 Calibration Date: 10/18/2022 19:06

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99299.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.603	1.415	0.0500	88.3	100	-11.7	50.0
n-Butyl acetate	Ave	0.0633	0.0607		19.2	20.0	-4.1	20.0
Dibromochloromethane	Ave	0.3816	0.3455	0.1000	18.1	20.0	-9.5	50.0
Ethylene Dibromide	Ave	0.2884	0.2769	0.1000	19.2	20.0	-4.0	20.0
Chlorobenzene	Ave	1.184	1.110	0.5000	18.7	20.0	-6.3	20.0
Ethylbenzene	Ave	0.6930	0.6447	0.1000	18.6	20.0	-7.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4199	0.3649		17.4	20.0	-13.1	20.0
m-Xylene & p-Xylene	Ave	0.8183	0.7760	0.1000	19.0	20.0	-5.2	20.0
n-Butyl acrylate	Ave	0.2172	0.1962		18.1	20.0	-9.7	20.0
o-Xylene	Ave	0.7909	0.7242	0.3000	18.3	20.0	-8.4	20.0
Styrene	Ave	1.266	1.166	0.3000	18.4	20.0	-7.9	20.0
Amyl acetate (mixed isomers)	Ave	0.7056	0.6469		18.3	20.0	-8.3	20.0
Bromoform	Ave	0.2322	0.1938	0.1000	16.7	20.0	-16.5	20.0
Isopropylbenzene	Ave	2.062	1.968	0.1000	19.1	20.0	-4.5	20.0
Bromobenzene	Ave	0.9294	0.8319		17.9	20.0	-10.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5787	0.5021	0.3000	17.4	20.0	-13.2	20.0
N-Propylbenzene	Ave	4.638	4.261		18.4	20.0	-8.1	20.0
1,2,3-Trichloropropane	Ave	0.1682	0.1434		17.1	20.0	-14.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1332	0.1152		17.3	20.0	-13.5	20.0
2-Chlorotoluene	Ave	3.064	2.611		17.0	20.0	-14.8	20.0
4-Ethyltoluene	Ave	4.046	3.469		17.1	20.0	-14.3	20.0
1,3,5-Trimethylbenzene	Ave	3.174	2.840		17.9	20.0	-10.5	20.0
4-Chlorotoluene	Ave	2.685	2.360		17.6	20.0	-12.1	20.0
Butyl Methacrylate	Ave	0.8214	0.6996		17.0	20.0	-14.8	20.0
tert-Butylbenzene	Ave	2.867	2.569		17.9	20.0	-10.4	20.0
1,2,4-Trimethylbenzene	Ave	3.169	2.804		17.7	20.0	-11.5	20.0
sec-Butylbenzene	Ave	4.325	3.979		18.4	20.0	-8.0	20.0
4-Isopropyltoluene	Ave	3.741	3.261		17.4	20.0	-12.8	20.0
1,3-Dichlorobenzene	Ave	1.862	1.584	0.6000	17.0	20.0	-14.9	20.0
1,4-Dichlorobenzene	Ave	1.868	1.573	0.5000	16.8	20.0	-15.8	20.0
1,2,3-Trimethylbenzene	Ave	3.199	2.734		17.1	20.0	-14.5	20.0
Benzyl chloride	Ave	0.2341	0.2038		17.4	20.0	-12.9	50.0
Indan	Ave	1.362	1.449		21.3	20.0	6.4	20.0
p-Diethylbenzene	Ave	2.129	1.826		17.1	20.0	-14.3	20.0
n-Butylbenzene	Ave	1.972	1.727		17.5	20.0	-12.4	20.0
1,2-Dichlorobenzene	Ave	1.555	1.366	0.4000	17.6	20.0	-12.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.994	2.581		17.2	20.0	-13.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0998	0.0827	0.0500	16.6	20.0	-17.1	50.0
1,3,5-Trichlorobenzene	Ave	1.297	1.085		16.7	20.0	-16.4	20.0
1,2,4-Trichlorobenzene	Ave	0.8945	0.7976	0.2000	17.8	20.0	-10.8	20.0
Hexachlorobutadiene	Ave	0.6785	0.6007		17.7	20.0	-11.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872654/3 Calibration Date: 10/18/2022 19:06

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99299.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Qua		1.266		21.3	20.0	6.3	50.0
1,2,3-Trichlorobenzene	Ave	0.6710	0.6171		18.4	20.0	-8.0	20.0
Dibromofluoromethane (Surr)	Ave	0.3509	0.4108		58.5	50.0	17.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2990	0.3302		55.2	50.0	10.5	20.0
Toluene-d8 (Surr)	Ave	1.438	1.459		50.7	50.0	1.4	20.0
Bromofluorobenzene	Ave	0.8078	0.7850		48.6	50.0	-2.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99299.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 18-Oct-2022 19:06:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151912-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:06:17 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: NN6A Date: 19-Oct-2022 08:52:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	90	76383	20.0	19.9	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	95	88235	20.0	24.0	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	98	212753	20.0	21.8	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	98	195326	20.0	23.4	
6 Chloromethane	50	1.449	1.449	0.000	99	167120	20.0	21.9	
8 Vinyl chloride	62	1.540	1.540	0.000	99	191150	20.0	23.4	
7 Butadiene	54	1.571	1.571	0.000	96	188665	20.0	23.4	
9 Bromomethane	94	1.839	1.839	0.000	99	111589	20.0	18.7	
10 Chloroethane	64	1.930	1.930	0.000	100	81893	20.0	21.2	
13 Trichlorofluoromethane	101	2.132	2.132	0.000	98	194609	20.0	21.6	
11 Dichlorofluoromethane	67	2.132	2.132	0.000	98	204011	20.0	20.9	
12 Pentane	72	2.180	2.180	0.000	96	51748	40.0	48.5	
15 Ethanol	46	2.382	2.382	0.000	93	10990	800.0	787.0	
14 Ethyl ether	59	2.400	2.400	0.000	90	67565	20.0	22.7	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	97	115833	20.0	24.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.461	0.000	85	110093	20.0	22.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.528	0.000	95	176703	20.0	23.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	97	144202	20.0	24.8	
19 Acrolein	56	2.583	2.583	0.000	97	119034	300.0	352.8	
21 1,1-Dichloroethene	96	2.613	2.613	0.000	98	117523	20.0	23.6	
22 Acetone	43	2.723	2.723	0.000	87	76036	100.0	87.6	
23 Iodomethane	142	2.766	2.766	0.000	99	151257	20.0	19.0	
24 Carbon disulfide	76	2.796	2.796	0.000	99	411393	20.0	23.7	
25 Isopropyl alcohol	45	2.857	2.857	0.000	98	29375	200.0	166.6	
26 3-Chloro-1-propene	76	2.973	2.973	0.000	89	69990	20.0	22.9	
28 Cyclopentene	67	2.985	2.985	0.000	96	303574	20.0	23.7	
27 Methyl acetate	43	2.997	2.997	0.000	99	74926	40.0	44.6	
29 Acetonitrile	40	3.052	3.052	0.000	99	33211	200.0	177.4	
30 Methylene Chloride	84	3.119	3.119	0.000	90	113198	20.0	23.2	
* 31 TBA-d9 (IS)	65	3.131	3.131	0.000	0	240465	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	3.217	3.217	0.000	99	49977	200.0	161.5	
33 Methyl tert-butyl ether	73	3.296	3.296	0.000	96	206854	20.0	22.5	
34 trans-1,2-Dichloroethene	96	3.327	3.327	0.000	93	124068	20.0	22.7	
35 Acrylonitrile	53	3.418	3.418	0.000	93	184026	200.0	164.8	
36 Hexane	57	3.509	3.509	0.000	92	177012	20.0	24.7	
37 Isopropyl ether	45	3.765	3.765	0.000	97	256371	20.0	23.1	
38 1,1-Dichloroethane	63	3.784	3.784	0.000	99	195193	20.0	22.7	
39 Vinyl acetate	86	3.820	3.820	0.000	99	26676	40.0	40.7	
40 2-Chloro-1,3-butadiene	88	3.833	3.833	0.000	91	102416	20.0	22.2	
41 Tert-butyl ethyl ether	59	4.131	4.131	0.000	89	225810	20.0	22.4	
43 2,2-Dichloropropane	79	4.351	4.351	0.000	95	54689	20.0	22.3	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	95	221410	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.393	4.393	0.000	99	118631	20.0	22.2	
45 2-Butanone (MEK)	72	4.424	4.424	0.000	100	29709	100.0	86.9	
46 Ethyl acetate	70	4.442	4.442	0.000	97	10409	40.0	32.3	
47 Methyl acrylate	55	4.497	4.497	0.000	100	40007	20.0	20.4	
48 Propionitrile	54	4.576	4.576	0.000	98	63679	200.0	183.6	
49 Chlorobromomethane	128	4.656	4.656	0.000	89	50524	20.0	22.4	
50 Tetrahydrofuran	72	4.656	4.656	0.000	83	11882	40.0	37.6	
51 Methacrylonitrile	67	4.692	4.692	0.000	91	220363	200.0	210.0	
52 Chloroform	83	4.735	4.735	0.000	99	179175	20.0	21.7	
53 Cyclohexane	84	4.851	4.851	0.000	90	176469	20.0	24.2	
54 1,1,1-Trichloroethane	97	4.875	4.875	0.000	98	170665	20.0	22.6	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	237828	50.0	58.5	
56 Carbon tetrachloride	117	5.015	5.015	0.000	97	153071	20.0	22.2	
57 1,1-Dichloropropene	75	5.064	5.064	0.000	97	149450	20.0	23.2	
58 Isobutyl alcohol	43	5.277	5.277	0.000	86	99346	500.0	367.4	
59 Benzene	78	5.290	5.290	0.000	96	383460	20.0	18.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	191191	50.0	55.2	
61 Tert-amyl methyl ether	87	5.393	5.393	0.000	94	57101	20.0	20.9	
63 1,2-Dichloroethane	62	5.412	5.412	0.000	96	97275	20.0	20.8	
62 Isopropyl acetate	61	5.412	5.412	0.000	97	30065	20.0	20.9	
64 n-Heptane	43	5.509	5.509	0.000	89	155667	20.0	24.4	
* 65 Fluorobenzene	96	5.649	5.649	0.000	99	578993	50.0	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	97	106281	20.0	22.4	
66 n-Butanol	56	6.113	6.113	0.000	83	13722	500.0	238.3	
68 Methylcyclohexane	83	6.204	6.204	0.000	95	187628	20.0	23.9	
69 Ethyl acrylate	55	6.259	6.259	0.000	99	46212	20.0	22.5	
70 1,2-Dichloropropane	63	6.417	6.417	0.000	91	87078	20.0	23.1	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	25175	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.552	0.000	84	28147	40.0	42.4	
73 1,4-Dioxane	88	6.570	6.570	0.000	38	11170	400.0	251.6	
74 Dibromomethane	93	6.576	6.576	0.000	94	47666	20.0	21.4	
75 n-Propyl acetate	43	6.631	6.631	0.000	98	59867	20.0	22.3	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	113972	20.0	21.6	
77 2-Nitropropane	41	7.143	7.143	0.000	98	22283	40.0	39.0	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	30865	20.0	21.7	
79 Epichlorohydrin	57	7.259	7.259	0.000	98	85152	400.0	355.5	
80 cis-1,3-Dichloropropene	75	7.307	7.307	0.000	91	126657	20.0	19.2	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.472	0.000	96	193905	100.0	88.4	
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	766973	50.0	50.7	
83 Toluene	91	7.600	7.600	0.000	93	397317	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.929	7.929	0.000	95	100716	20.0	18.3	
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	68618	20.0	21.9	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	51183	20.0	18.8	
87 Tetrachloroethene	166	8.124	8.124	0.000	98	110248	20.0	18.7	
88 1,3-Dichloropropane	76	8.265	8.265	0.000	92	95907	20.0	19.6	
89 2-Hexanone	43	8.319	8.319	0.000	95	125276	100.0	88.3	
90 n-Butyl acetate	73	8.417	8.417	0.000	98	12759	20.0	19.2	
91 Chlorodibromomethane	129	8.441	8.441	0.000	98	72651	20.0	18.1	
92 Ethylene Dibromide	107	8.551	8.551	0.000	98	58230	20.0	19.2	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	525721	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	96	233398	20.0	18.7	
95 Ethylbenzene	106	9.027	9.027	0.000	98	135572	20.0	18.6	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.045	0.000	97	76744	20.0	17.4	
97 m-Xylene & p-Xylene	106	9.130	9.130	0.000	0	163190	20.0	19.0	
98 n-Butyl acrylate	73	9.447	9.447	0.000	97	41257	20.0	18.1	
99 o-Xylene	106	9.466	9.466	0.000	94	152285	20.0	18.3	
100 Styrene	104	9.490	9.490	0.000	96	245120	20.0	18.4	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	76249	20.0	18.3	
102 Bromoform	173	9.667	9.667	0.000	97	40760	20.0	16.7	
103 Isopropylbenzene	105	9.752	9.752	0.000	95	413936	20.0	19.1	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	231318	50.0	48.6	
105 Bromobenzene	156	10.026	10.026	0.000	91	98047	20.0	17.9	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.000	97	59184	20.0	17.4	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	502203	20.0	18.4	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	95	16905	20.0	17.1	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	86	13582	20.0	17.3	
110 4-Ethyltoluene	105	10.161	10.161	0.000	99	408913	20.0	17.1	
111 2-Chlorotoluene	91	10.161	10.161	0.000	95	307753	20.0	17.0	
112 1,3,5-Trimethylbenzene	105	10.209	10.209	0.000	93	334752	20.0	17.9	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	278139	20.0	17.6	
114 Butyl Methacrylate	87	10.276	10.276	0.000	89	82459	20.0	17.0	
115 tert-Butylbenzene	119	10.447	10.447	0.000	94	302804	20.0	17.9	
116 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	330437	20.0	17.7	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	468949	20.0	18.4	
118 4-Isopropyltoluene	119	10.715	10.715	0.000	98	384354	20.0	17.4	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	97	186737	20.0	17.0	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.782	0.000	94	294658	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	96	185373	20.0	16.8	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	322223	20.0	17.1	
123 Benzyl chloride	126	10.904	10.904	0.000	99	24021	20.0	17.4	
124 2,3-Dihydroindene	117	10.959	10.959	0.000	94	335604	20.0	21.3	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	215178	20.0	17.1	
126 n-Butylbenzene	92	11.008	11.008	0.000	97	203566	20.0	17.5	
127 1,2-Dichlorobenzene	146	11.075	11.075	0.000	98	160973	20.0	17.6	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	97	304258	20.0	17.2	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.666	0.000	94	9752	20.0	16.6	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	98	127872	20.0	16.7	
131 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	94007	20.0	17.8	
132 Hexachlorobutadiene	225	12.435	12.435	0.000	93	70802	20.0	17.7	
133 Naphthalene	128	12.587	12.587	0.000	99	149264	20.0	21.3	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	72738	20.0	18.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	44.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	37.5	
S 137 Xylenes, Total	100				0		40.0	37.3	
S 138 Total BTEX	1				0		100.0	93.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00498	Amount Added:	2.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent	

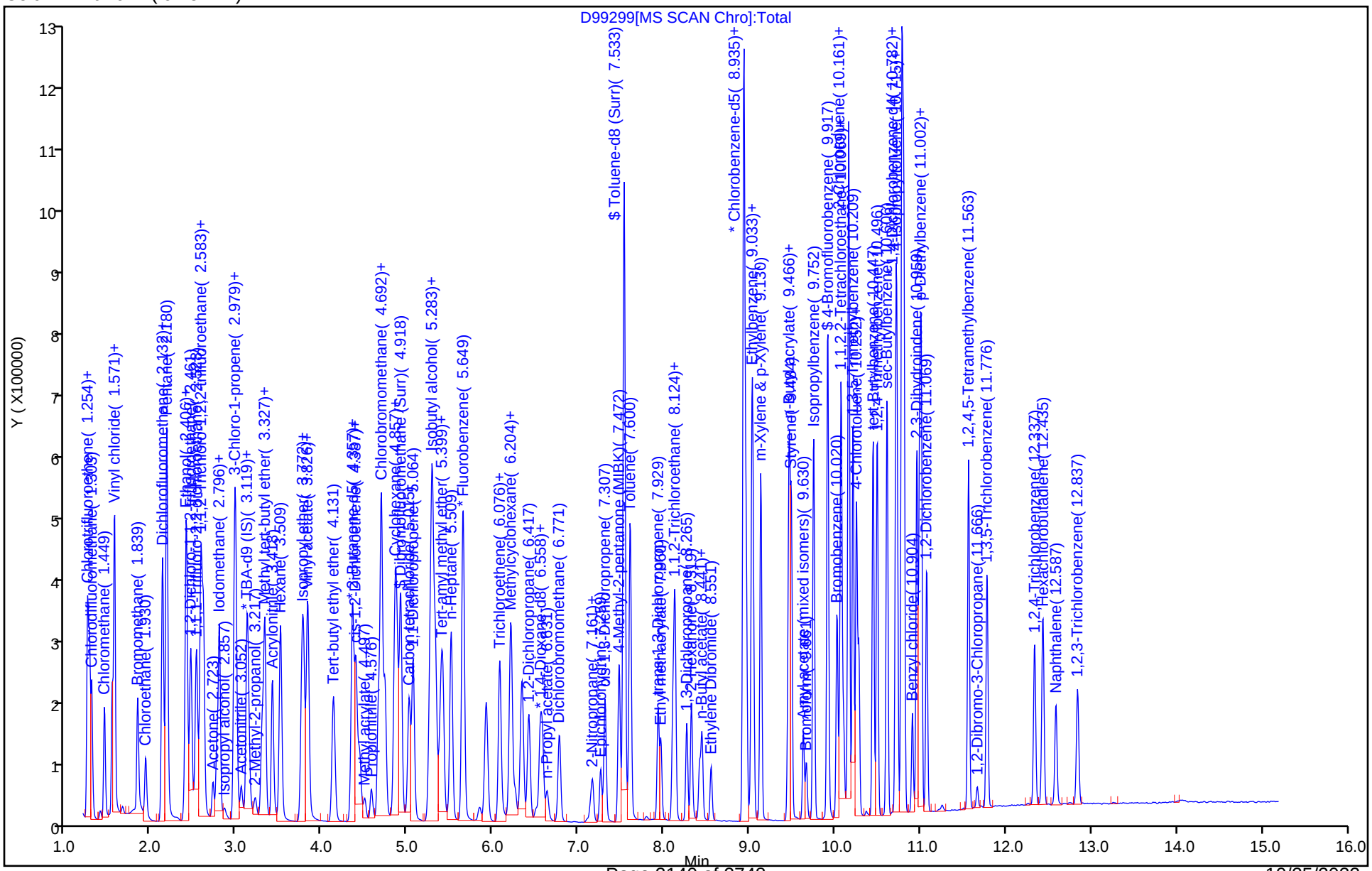
Report Date: 19-Oct-2022 13:06:18 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99299.D

Injection Date:	18-Oct-2022 19:06:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872987/2 Calibration Date: 10/20/2022 05:27

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99372.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.3307	0.2858		17.3	20.0	-13.6	20.0
1,1-Difluoroethane	Ave	0.3174	0.3117		19.6	20.0	-1.8	20.0
Dichlorodifluoromethane	Ave	0.8442	0.8234	0.1000	19.5	20.0	-2.5	20.0
Chlorodifluoromethane	Ave	0.7212	0.7760		21.5	20.0	7.6	20.0
Chloromethane	Ave	0.6604	0.7206	0.1000	21.8	20.0	9.1	20.0
Vinyl chloride	Ave	0.7067	0.6887	0.1000	19.5	20.0	-2.5	20.0
Butadiene	Ave	0.6958	0.7252		20.8	20.0	4.2	20.0
Bromomethane	QuaF		0.3900	0.1000	15.0	20.0	-24.8	50.0
Chloroethane	Ave	0.3333	0.3317	0.1000	19.9	20.0	-0.5	50.0
Dichlorofluoromethane	Ave	0.8445	0.8109		19.2	20.0	-4.0	20.0
Trichlorofluoromethane	Ave	0.7768	0.7262	0.1000	18.7	20.0	-6.5	20.0
Pentane	Ave	0.0921	0.0841		36.5	40.0	-8.7	20.0
Ethanol	QuaF		0.0736		1010	800	26.5	50.0
Ethyl ether	Ave	0.2575	0.2429		18.9	20.0	-5.7	20.0
2-Methyl-1,3-butadiene	Ave	0.4176	0.4099		19.6	20.0	-1.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4212	0.3654		17.4	20.0	-13.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6559	0.6216		19.0	20.0	-5.2	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.5024	0.4418	0.1000	17.6	20.0	-12.1	20.0
Acrolein	Ave	0.0291	0.0253		261	300	-13.0	50.0
1,1-Dichloroethene	Ave	0.4296	0.3783	0.1000	17.6	20.0	-11.9	20.0
Acetone	QuaF		0.8946	0.0500	91.2	100	-8.8	50.0
Iodomethane	QuaF		0.5110		14.9	20.0	-25.7*	20.0
Carbon disulfide	Ave	1.502	1.372	0.1000	18.3	20.0	-8.7	50.0
Isopropyl alcohol	Ave	0.7330	0.7505		205	200	2.4	50.0
3-Chloro-1-propene	Ave	0.2637	0.2331		17.7	20.0	-11.6	20.0
Cyclopentene	Ave	1.105	1.030		18.6	20.0	-6.8	20.0
Methyl acetate	Ave	0.1450	0.1424	0.1000	39.3	40.0	-1.8	20.0
Acetonitrile	Ave	0.7785	0.8997		231	200	15.6	20.0
Methylene Chloride	Ave	0.4206	0.3676	0.1000	17.5	20.0	-12.6	20.0
2-Methyl-2-propanol	QuaF		1.224		190	200	-4.9	50.0
Methyl tert-butyl ether	Ave	0.7937	0.7019	0.1000	17.7	20.0	-11.6	20.0
trans-1,2-Dichloroethene	Ave	0.4715	0.3992	0.1000	16.9	20.0	-15.3	20.0
Acrylonitrile	Ave	4.643	4.786		206	200	3.1	20.0
Hexane	Ave	0.6189	0.6292		20.3	20.0	1.7	20.0
Isopropyl ether	Ave	0.9583	0.9891		20.6	20.0	3.2	20.0
1,1-Dichloroethane	Ave	0.7424	0.6973	0.2000	18.8	20.0	-6.1	20.0
Vinyl acetate	Ave	0.0566	0.0439		31.0	40.0	-22.4*	20.0
2-Chloro-1,3-butadiene	Ave	0.3983	0.3409		17.1	20.0	-14.4	20.0
Tert-butyl ethyl ether	Ave	0.8716	0.8325		19.1	20.0	-4.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872987/2 Calibration Date: 10/20/2022 05:27

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99372.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2116	0.1877		17.7	20.0	-11.3	20.0
cis-1,2-Dichloroethene	Ave	0.4616	0.3871	0.1000	16.8	20.0	-16.1	20.0
2-Butanone (MEK)	Ave	0.3860	0.3183	0.0500	82.5	100	-17.5	50.0
Ethyl acetate	Ave	0.3636	0.2825		31.1	40.0	-22.3*	20.0
Methyl acrylate	Ave	0.1692	0.1524		18.0	20.0	-9.9	20.0
Propionitrile	Ave	0.3916	0.3610		184	200	-7.8	20.0
Chlorobromomethane	Ave	0.1944	0.1568		16.1	20.0	-19.4	20.0
Tetrahydrofuran	Ave	0.3567	0.3191		35.8	40.0	-10.6	20.0
Methacrylonitrile	Ave	0.0906	0.0746		165	200	-17.7	20.0
Chloroform	Ave	0.7118	0.6003	0.2000	16.9	20.0	-15.7	20.0
Cyclohexane	Ave	0.6307	0.5749	0.1000	18.2	20.0	-8.8	50.0
1,1,1-Trichloroethane	Ave	0.6533	0.5593	0.1000	17.1	20.0	-14.4	20.0
Carbon tetrachloride	Ave	0.5958	0.5069	0.1000	17.0	20.0	-14.9	20.0
1,1-Dichloropropene	Ave	0.5565	0.5194		18.7	20.0	-6.7	20.0
Isobutyl alcohol	QuaF		1.079		479	500	-4.2	20.0
Benzene	Ave	1.933	2.008	0.5000	20.8	20.0	3.9	20.0
Tert-amyl methyl ether	Ave	0.2365	0.1948		16.5	20.0	-17.6	20.0
1,2-Dichloroethane	Ave	0.4034	0.3515	0.1000	17.4	20.0	-12.9	20.0
Isopropyl acetate	Ave	0.1244	0.1102		17.7	20.0	-11.4	20.0
n-Heptane	Ave	0.5509	0.5813		21.1	20.0	5.5	20.0
Trichloroethene	Ave	0.4106	0.3541	0.2000	17.2	20.0	-13.8	20.0
n-Butanol	Ave	0.2395	0.1231		257	500	-48.6	50.0
Methylcyclohexane	Ave	0.6773	0.6223	0.1000	18.4	20.0	-8.1	50.0
Ethyl acrylate	Qua2		0.1789		20.2	20.0	1.0	20.0
1,2-Dichloropropane	Ave	0.3255	0.3124	0.1000	19.2	20.0	-4.0	20.0
Methyl methacrylate	Ave	0.0574	0.0444		31.0	40.0	-22.6*	20.0
1,4-Dioxane	QuaF		1.363		309	400	-22.7	50.0
Dibromomethane	Ave	0.1921	0.1567		16.3	20.0	-18.4	20.0
n-Propyl acetate	Ave	0.2318	0.2174		18.8	20.0	-6.2	20.0
Bromodichloromethane	Ave	0.4565	0.3907	0.2000	17.1	20.0	-14.4	20.0
2-Nitropropane	QuaF		0.0404		32.8	40.0	-18.1	20.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1109		18.1	20.0	-9.7	20.0
Epichlorohydrin	Ave	0.2705	0.2459		364	400	-9.1	20.0
cis-1,3-Dichloropropene	Ave	0.6290	0.6931	0.2000	22.0	20.0	10.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.477	2.331	0.0500	94.1	100	-5.9	50.0
Toluene	Ave	1.978	1.993	0.4000	20.2	20.0	0.8	20.0
trans-1,3-Dichloropropene	Ave	0.5220	0.5367	0.1000	20.6	20.0	2.8	50.0
Ethyl methacrylate	Ave	0.2709	0.2264		16.7	20.0	-16.4	20.0
1,1,2-Trichloroethane	Ave	0.2589	0.2706	0.1000	20.9	20.0	4.5	20.0
Tetrachloroethene	Ave	0.5618	0.5302	0.2000	18.9	20.0	-5.6	20.0
1,3-Dichloropropane	Ave	0.4655	0.5064		21.8	20.0	8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872987/2 Calibration Date: 10/20/2022 05:27

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99372.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.603	1.506	0.0500	93.9	100	-6.1	50.0
n-Butyl acetate	Ave	0.0633	0.0664		21.0	20.0	5.0	20.0
Dibromochloromethane	Ave	0.3816	0.3679	0.1000	19.3	20.0	-3.6	50.0
Ethylene Dibromide	Ave	0.2884	0.2891	0.1000	20.0	20.0	0.2	20.0
Chlorobenzene	Ave	1.184	1.177	0.5000	19.9	20.0	-0.6	20.0
Ethylbenzene	Ave	0.6930	0.6680	0.1000	19.3	20.0	-3.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4199	0.4021		19.1	20.0	-4.3	20.0
m-Xylene & p-Xylene	Ave	0.8183	0.8185	0.1000	20.0	20.0	0.0	20.0
n-Butyl acrylate	Ave	0.2172	0.2113		19.5	20.0	-2.7	20.0
o-Xylene	Ave	0.7909	0.7748	0.3000	19.6	20.0	-2.0	20.0
Styrene	Ave	1.266	1.226	0.3000	19.4	20.0	-3.1	20.0
Amyl acetate (mixed isomers)	Ave	0.7056	0.8374		23.7	20.0	18.7	20.0
Bromoform	Ave	0.2322	0.2033	0.1000	17.5	20.0	-12.4	20.0
Isopropylbenzene	Ave	2.062	2.077	0.1000	20.1	20.0	0.7	20.0
Bromobenzene	Ave	0.9294	0.9016		19.4	20.0	-3.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5787	0.5623	0.3000	19.4	20.0	-2.8	20.0
N-Propylbenzene	Ave	4.638	4.880		21.0	20.0	5.2	20.0
1,2,3-Trichloropropane	Ave	0.1682	0.1552		18.5	20.0	-7.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1332	0.1342		20.2	20.0	0.8	20.0
2-Chlorotoluene	Ave	3.064	3.009		19.6	20.0	-1.8	20.0
4-Ethyltoluene	Ave	4.046	3.906		19.3	20.0	-3.5	20.0
1,3,5-Trimethylbenzene	Ave	3.174	3.248		20.5	20.0	2.3	20.0
4-Chlorotoluene	Ave	2.685	2.780		20.7	20.0	3.5	20.0
Butyl Methacrylate	Ave	0.8214	0.8507		20.7	20.0	3.6	20.0
tert-Butylbenzene	Ave	2.867	2.846		19.9	20.0	-0.7	20.0
1,2,4-Trimethylbenzene	Ave	3.169	3.169		20.0	20.0	0.0	20.0
sec-Butylbenzene	Ave	4.325	4.421		20.4	20.0	2.2	20.0
4-Isopropyltoluene	Ave	3.741	3.669		19.6	20.0	-1.9	20.0
1,3-Dichlorobenzene	Ave	1.862	1.749	0.6000	18.8	20.0	-6.1	20.0
1,4-Dichlorobenzene	Ave	1.868	1.732	0.5000	18.5	20.0	-7.3	20.0
1,2,3-Trimethylbenzene	Ave	3.199	3.087		19.3	20.0	-3.5	20.0
Benzyl chloride	Ave	0.2341	0.2254		19.3	20.0	-3.7	50.0
Indan	Ave	1.362	1.111		16.3	20.0	-18.4	20.0
p-Diethylbenzene	Ave	2.129	2.084		19.6	20.0	-2.1	20.0
n-Butylbenzene	Ave	1.972	2.009		20.4	20.0	1.9	20.0
1,2-Dichlorobenzene	Ave	1.555	1.479	0.4000	19.0	20.0	-4.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.994	2.977		19.9	20.0	-0.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0998	0.0919	0.0500	18.4	20.0	-7.9	50.0
1,3,5-Trichlorobenzene	Ave	1.297	1.256		19.4	20.0	-3.1	20.0
1,2,4-Trichlorobenzene	Ave	0.8945	0.9205	0.2000	20.6	20.0	2.9	20.0
Hexachlorobutadiene	Ave	0.6785	0.6657		19.6	20.0	-1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872987/2 Calibration Date: 10/20/2022 05:27

Instrument ID: CVOAMS4 Calib Start Date: 10/17/2022 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/17/2022 07:17

Lab File ID: D99372.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Qua		1.327		22.3	20.0	11.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6710	0.7099		21.2	20.0	5.8	20.0
Dibromofluoromethane (Surr)	Ave	0.3509	0.3233		46.1	50.0	-7.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2990	0.2817		47.1	50.0	-5.8	20.0
Toluene-d8 (Surr)	Ave	1.438	1.649		57.3	50.0	14.7	20.0
Bromofluorobenzene	Ave	0.8078	0.8683		53.7	50.0	7.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99372.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Oct-2022 05:27:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0151989-002
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:37:49 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: N1JZ Date: 20-Oct-2022 05:46:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.242	1.242	0.000	90	76675	20.0	17.3	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	97	83641	20.0	19.6	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	99	220928	20.0	19.5	
5 Chlorodifluoromethane	51	1.297	1.297	0.000	98	208225	20.0	21.5	
6 Chloromethane	50	1.443	1.443	0.000	99	193360	20.0	21.8	
8 Vinyl chloride	62	1.534	1.534	0.000	99	184801	20.0	19.5	
7 Butadiene	54	1.559	1.559	0.000	97	194575	20.0	20.8	
9 Bromomethane	94	1.827	1.827	0.000	99	104649	20.0	15.0	
10 Chloroethane	64	1.925	1.925	0.000	100	89001	20.0	19.9	
13 Trichlorofluoromethane	101	2.120	2.120	0.000	98	194859	20.0	18.7	
11 Dichlorofluoromethane	67	2.120	2.120	0.000	99	217569	20.0	19.2	
12 Pentane	72	2.168	2.168	0.000	96	45146	40.0	36.5	
15 Ethanol	46	2.370	2.370	0.000	94	10652	800.0	1012.3	
14 Ethyl ether	59	2.388	2.388	0.000	92	65165	20.0	18.9	
16 2-Methyl-1,3-butadiene	53	2.400	2.400	0.000	98	109991	20.0	19.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.449	2.449	0.000	88	98038	20.0	17.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.516	2.516	0.000	95	166786	20.0	19.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.565	2.565	0.000	97	118547	20.0	17.6	
19 Acrolein	56	2.571	2.571	0.000	97	101970	300.0	260.9	
21 1,1-Dichloroethene	96	2.595	2.595	0.000	97	101514	20.0	17.6	
22 Acetone	43	2.705	2.705	0.000	87	73254	100.0	91.2	
23 Iodomethane	142	2.754	2.754	0.000	99	137109	20.0	14.9	
24 Carbon disulfide	76	2.784	2.784	0.000	99	368005	20.0	18.3	
25 Isopropyl alcohol	45	2.845	2.845	0.000	98	27164	200.0	204.8	
26 3-Chloro-1-propene	76	2.955	2.955	0.000	91	62557	20.0	17.7	
28 Cyclopentene	67	2.967	2.967	0.000	95	276251	20.0	18.6	
27 Methyl acetate	43	2.979	2.979	0.000	99	76402	40.0	39.3	
29 Acetonitrile	40	3.034	3.034	0.000	99	32565	200.0	231.1	
30 Methylene Chloride	84	3.101	3.101	0.000	94	98635	20.0	17.5	
* 31 TBA-d9 (IS)	65	3.120	3.120	0.000	0	180977	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	3.199	3.199	0.000	99	44289	200.0	190.2	
33 Methyl tert-butyl ether	73	3.284	3.284	0.000	97	188342	20.0	17.7	
34 trans-1,2-Dichloroethene	96	3.315	3.315	0.000	96	107107	20.0	16.9	
35 Acrylonitrile	53	3.400	3.400	0.000	93	173223	200.0	206.1	
36 Hexane	57	3.497	3.497	0.000	94	168835	20.0	20.3	
37 Isopropyl ether	45	3.747	3.747	0.000	98	265405	20.0	20.6	
38 1,1-Dichloroethane	63	3.766	3.766	0.000	99	187100	20.0	18.8	
39 Vinyl acetate	86	3.802	3.802	0.000	100	23573	40.0	31.0	
40 2-Chloro-1,3-butadiene	88	3.814	3.814	0.000	91	91465	20.0	17.1	
41 Tert-butyl ethyl ether	59	4.113	4.113	0.000	89	223387	20.0	19.1	
43 2,2-Dichloropropane	79	4.333	4.333	0.000	96	50351	20.0	17.7	
* 42 2-Butanone-d5	46	4.339	4.339	0.000	96	204708	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.375	4.375	0.000	99	103877	20.0	16.8	
45 2-Butanone (MEK)	72	4.406	4.406	0.000	99	26064	100.0	82.5	
46 Ethyl acetate	70	4.430	4.430	0.000	97	9254	40.0	31.1	
47 Methyl acrylate	55	4.479	4.479	0.000	100	40896	20.0	18.0	
48 Propionitrile	54	4.558	4.558	0.000	98	59125	200.0	184.4	
49 Chlorobromomethane	128	4.638	4.638	0.000	92	42070	20.0	16.1	
50 Tetrahydrofuran	72	4.644	4.644	0.000	90	10450	40.0	35.8	
51 Methacrylonitrile	67	4.674	4.674	0.000	93	200088	200.0	164.6	
52 Chloroform	83	4.717	4.717	0.000	99	161060	20.0	16.9	
53 Cyclohexane	84	4.833	4.833	0.000	92	154265	20.0	18.2	
54 1,1,1-Trichloroethane	97	4.857	4.857	0.000	99	150071	20.0	17.1	
$ 55 Dibromofluoromethane (Surr)	113	4.900	4.900	0.000	97	216860	50.0	46.1	
56 Carbon tetrachloride	117	4.997	4.997	0.000	97	136006	20.0	17.0	
57 1,1-Dichloropropene	75	5.046	5.046	0.000	97	139370	20.0	18.7	
58 Isobutyl alcohol	43	5.253	5.253	0.000	86	97632	500.0	479.0	a
59 Benzene	78	5.272	5.272	0.000	97	359763	20.0	20.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.302	5.302	0.000	97	188963	50.0	47.1	
61 Tert-amyl methyl ether	87	5.375	5.375	0.000	92	52271	20.0	16.5	
62 Isopropyl acetate	61	5.393	5.393	0.000	97	29580	20.0	17.7	
63 1,2-Dichloroethane	62	5.393	5.393	0.000	96	94307	20.0	17.4	
64 n-Heptane	43	5.485	5.485	0.000	93	155971	20.0	21.1	
* 65 Fluorobenzene	96	5.625	5.625	0.000	98	670802	50.0	50.0	
67 Trichloroethene	95	6.058	6.058	0.000	97	95021	20.0	17.2	
66 n-Butanol	56	6.095	6.095	0.000	88	11140	500.0	257.0	
68 Methylcyclohexane	83	6.186	6.186	0.000	96	166986	20.0	18.4	
69 Ethyl acrylate	55	6.241	6.241	0.000	99	47996	20.0	20.2	
70 1,2-Dichloropropane	63	6.393	6.393	0.000	91	83826	20.0	19.2	
* 71 1,4-Dioxane-d8	96	6.485	6.485	0.000	0	17267	1000.0	1000.0	
72 Methyl methacrylate	100	6.533	6.533	0.000	89	23852	40.0	31.0	
73 1,4-Dioxane	88	6.552	6.552	0.000	68	9415	400.0	309.2	
74 Dibromomethane	93	6.558	6.558	0.000	97	42042	20.0	16.3	
75 n-Propyl acetate	43	6.613	6.613	0.000	98	58344	20.0	18.8	
76 Dichlorobromomethane	83	6.753	6.753	0.000	99	104845	20.0	17.1	
77 2-Nitropropane	41	7.125	7.125	0.000	99	21689	40.0	32.8	
78 2-Chloroethyl vinyl ether	63	7.143	7.143	0.000	96	29826	20.0	18.1	
79 Epichlorohydrin	57	7.241	7.241	0.000	98	80556	400.0	363.7	
80 cis-1,3-Dichloropropene	75	7.289	7.289	0.000	92	124183	20.0	22.0	
81 4-Methyl-2-pentanone (MIBK)	43	7.454	7.454	0.000	97	190903	100.0	94.1	
$ 82 Toluene-d8 (Surr)	98	7.515	7.515	0.000	99	738770	50.0	57.3	
83 Toluene	91	7.588	7.588	0.000	93	357024	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
84 trans-1,3-Dichloropropene	75	7.917	7.917	0.000	96	96161	20.0	20.6	
85 Ethyl methacrylate	69	7.948	7.948	0.000	89	60752	20.0	16.7	
86 1,1,2-Trichloroethane	83	8.088	8.088	0.000	96	48481	20.0	20.9	
87 Tetrachloroethene	166	8.112	8.112	0.000	98	94991	20.0	18.9	
88 1,3-Dichloropropane	76	8.253	8.253	0.000	93	90731	20.0	21.8	
89 2-Hexanone	43	8.308	8.308	0.000	96	123280	100.0	93.9	
90 n-Butyl acetate	73	8.405	8.405	0.000	98	11902	20.0	21.0	
91 Chlorodibromomethane	129	8.429	8.429	0.000	98	65908	20.0	19.3	
92 Ethylene Dibromide	107	8.539	8.539	0.000	99	51793	20.0	20.0	
* 93 Chlorobenzene-d5	117	8.923	8.923	0.000	87	447917	50.0	50.0	
94 Chlorobenzene	112	8.948	8.948	0.000	95	210831	20.0	19.9	
95 Ethylbenzene	106	9.015	9.015	0.000	99	119688	20.0	19.3	
96 1,1,1,2-Tetrachloroethane	131	9.033	9.033	0.000	95	72035	20.0	19.1	
97 m-Xylene & p-Xylene	106	9.118	9.118	0.000	0	146645	20.0	20.0	
98 n-Butyl acrylate	73	9.441	9.441	0.000	96	37853	20.0	19.5	
99 o-Xylene	106	9.454	9.454	0.000	94	138810	20.0	19.6	
100 Styrene	104	9.478	9.478	0.000	95	219714	20.0	19.4	
101 Amyl acetate (mixed isomers)	43	9.618	9.618	0.000	90	78952	20.0	23.7	
102 Bromoform	173	9.655	9.655	0.000	96	36432	20.0	17.5	
103 Isopropylbenzene	105	9.740	9.740	0.000	96	372113	20.0	20.1	
$ 104 4-Bromofluorobenzene	174	9.905	9.905	0.000	0	204654	50.0	53.7	
105 Bromobenzene	156	10.014	10.014	0.000	94	85005	20.0	19.4	
106 1,1,2,2-Tetrachloroethane	83	10.045	10.045	0.000	98	53014	20.0	19.4	
107 N-Propylbenzene	91	10.057	10.057	0.000	99	460146	20.0	21.0	
108 1,2,3-Trichloropropane	110	10.082	10.082	0.000	95	14634	20.0	18.5	
109 trans-1,4-Dichloro-2-butene	53	10.094	10.094	0.000	86	12657	20.0	20.2	
110 4-Ethyltoluene	105	10.149	10.149	0.000	90	368275	20.0	19.3	
111 2-Chlorotoluene	91	10.149	10.149	0.000	89	283730	20.0	19.6	
112 1,3,5-Trimethylbenzene	105	10.197	10.197	0.000	94	306191	20.0	20.5	
113 4-Chlorotoluene	91	10.240	10.240	0.000	98	262097	20.0	20.7	
114 Butyl Methacrylate	87	10.271	10.271	0.000	91	80211	20.0	20.7	
115 tert-Butylbenzene	119	10.435	10.435	0.000	94	268342	20.0	19.9	
116 1,2,4-Trimethylbenzene	105	10.484	10.484	0.000	98	298803	20.0	20.0	
117 sec-Butylbenzene	105	10.600	10.600	0.000	99	416791	20.0	20.4	
118 4-Isopropyltoluene	119	10.703	10.703	0.000	98	345963	20.0	19.6	
119 1,3-Dichlorobenzene	146	10.716	10.716	0.000	96	164873	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	10.770	10.770	0.000	95	235707	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.789	10.789	0.000	94	163317	20.0	18.5	
122 1,2,3-Trimethylbenzene	105	10.795	10.795	0.000	98	291082	20.0	19.3	
123 Benzyl chloride	126	10.892	10.892	0.000	99	21247	20.0	19.3	
124 2,3-Dihydroindene	117	10.947	10.947	0.000	94	298108	20.0	16.3	
125 p-Diethylbenzene	119	10.978	10.978	0.000	92	196495	20.0	19.6	a
126 n-Butylbenzene	92	11.002	11.002	0.000	97	189460	20.0	20.4	
127 1,2-Dichlorobenzene	146	11.063	11.063	0.000	97	139448	20.0	19.0	
128 1,2,4,5-Tetramethylbenzene	119	11.551	11.551	0.000	97	280726	20.0	19.9	
129 1,2-Dibromo-3-Chloropropane	157	11.654	11.654	0.000	94	8668	20.0	18.4	
130 1,3,5-Trichlorobenzene	180	11.770	11.770	0.000	97	118455	20.0	19.4	
131 1,2,4-Trichlorobenzene	180	12.325	12.325	0.000	94	86792	20.0	20.6	
132 Hexachlorobutadiene	225	12.416	12.416	0.000	95	62768	20.0	19.6	
133 Naphthalene	128	12.569	12.569	0.000	99	125080	20.0	22.3	
134 1,2,3-Trichlorobenzene	180	12.825	12.825	0.000	96	66934	20.0	21.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	33.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	42.6	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 138 Total BTEX	1				0		100.0	99.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00498	Amount Added:	2.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 20-Oct-2022 10:37:51 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99372.D

Injection Date: 20-Oct-2022 05:27:30 Instrument ID: CVOAMS4 Operator ID:

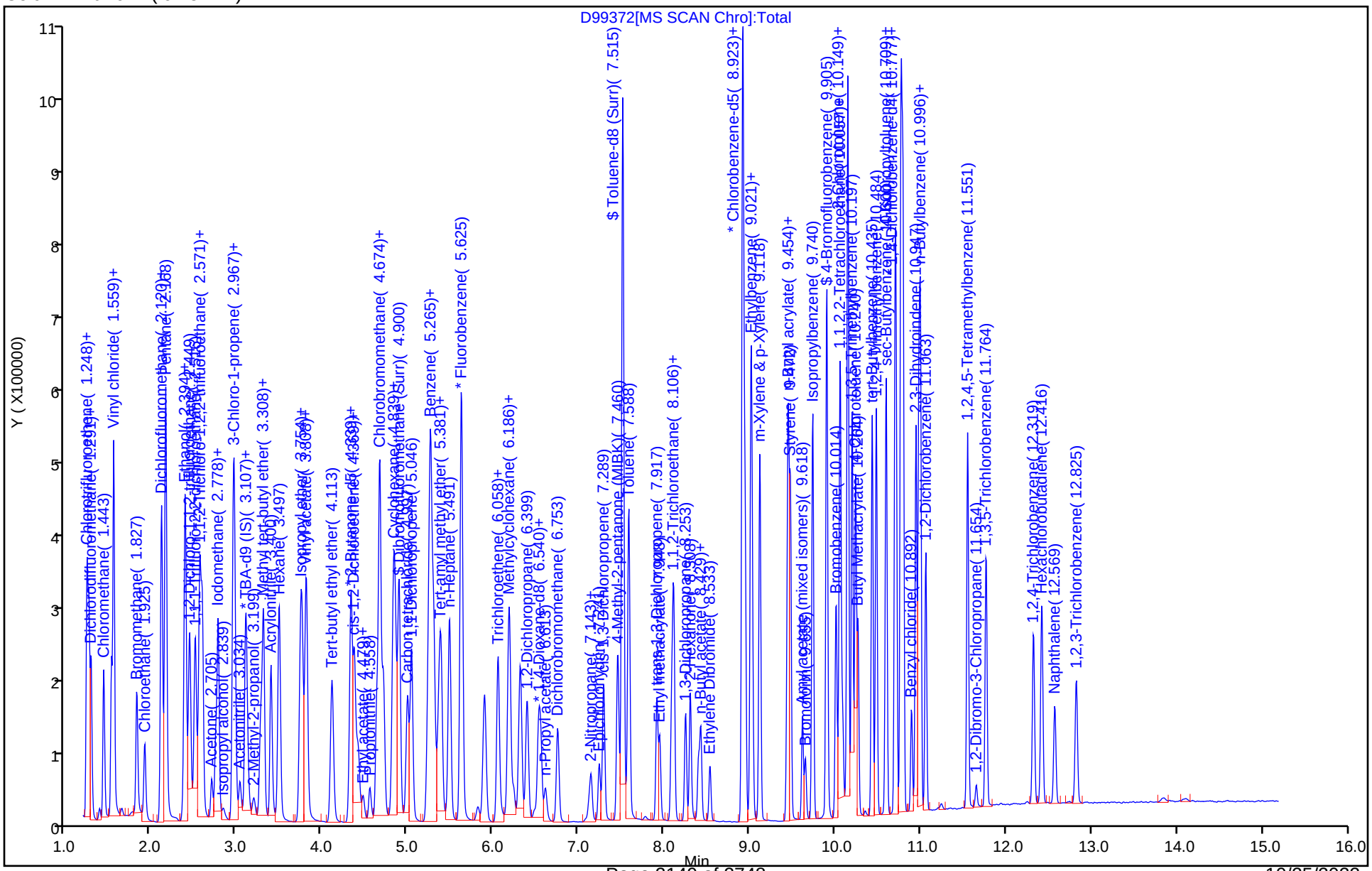
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

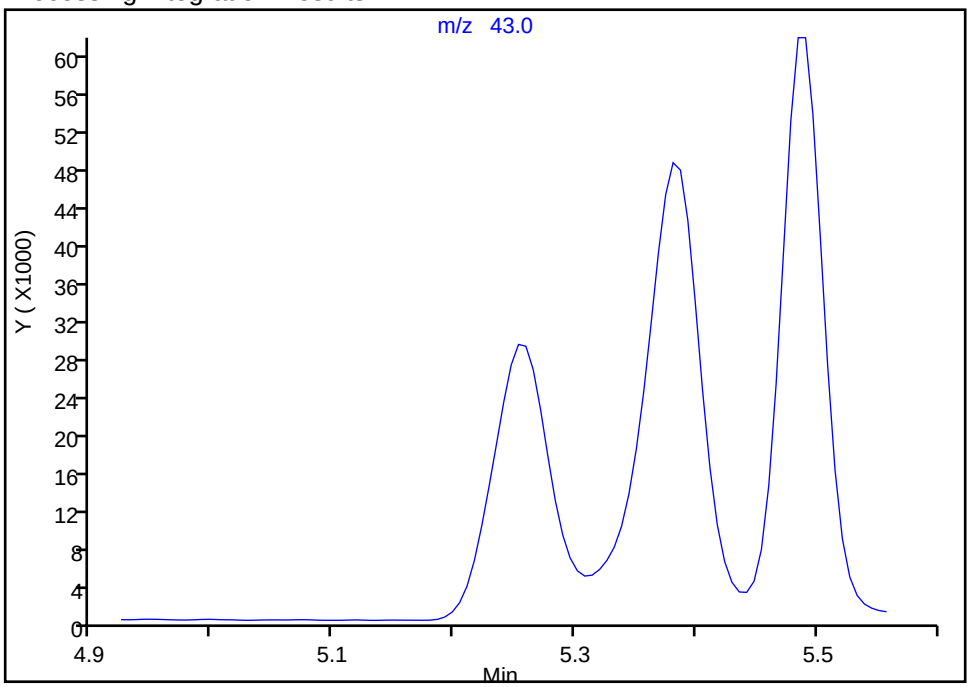
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Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

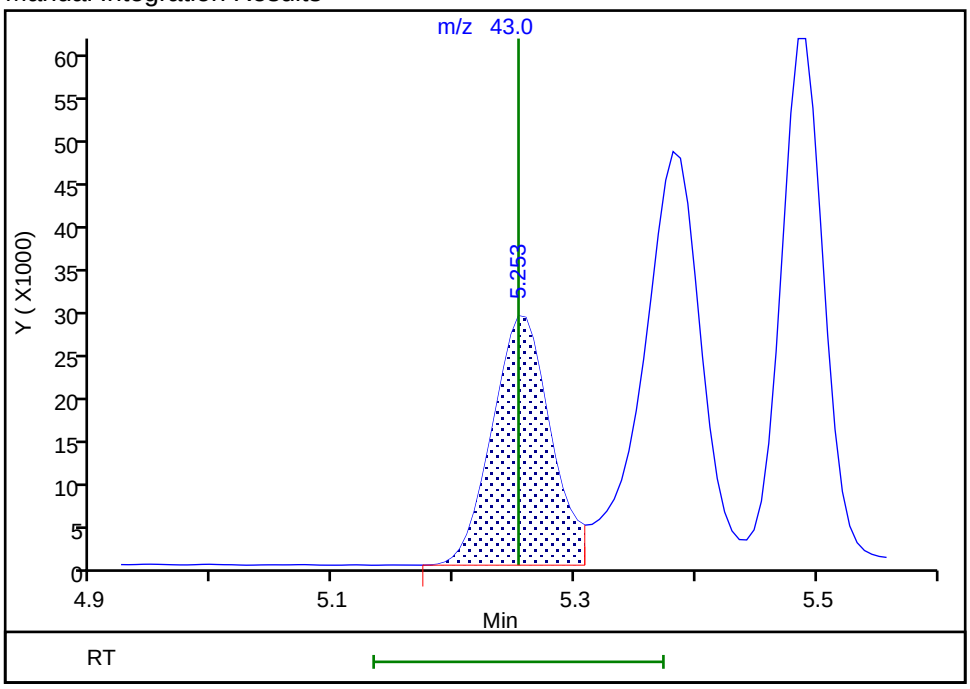
Not Detected
Expected RT: 5.25

Processing Integration Results



Manual Integration Results

RT: 5.25
Area: 97632
Amount: 478.9984
Amount Units: ug/l



Reviewer: N1JZ, 20-Oct-2022 05:46:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

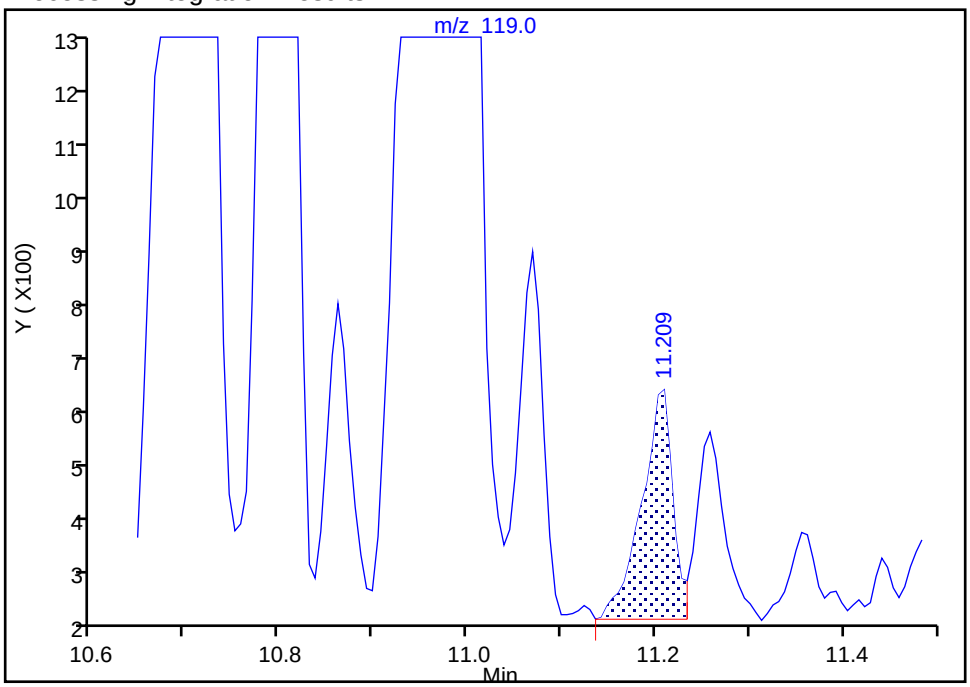
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Injection Date: 20-Oct-2022 05:27:30 Instrument ID: CVOAMS4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

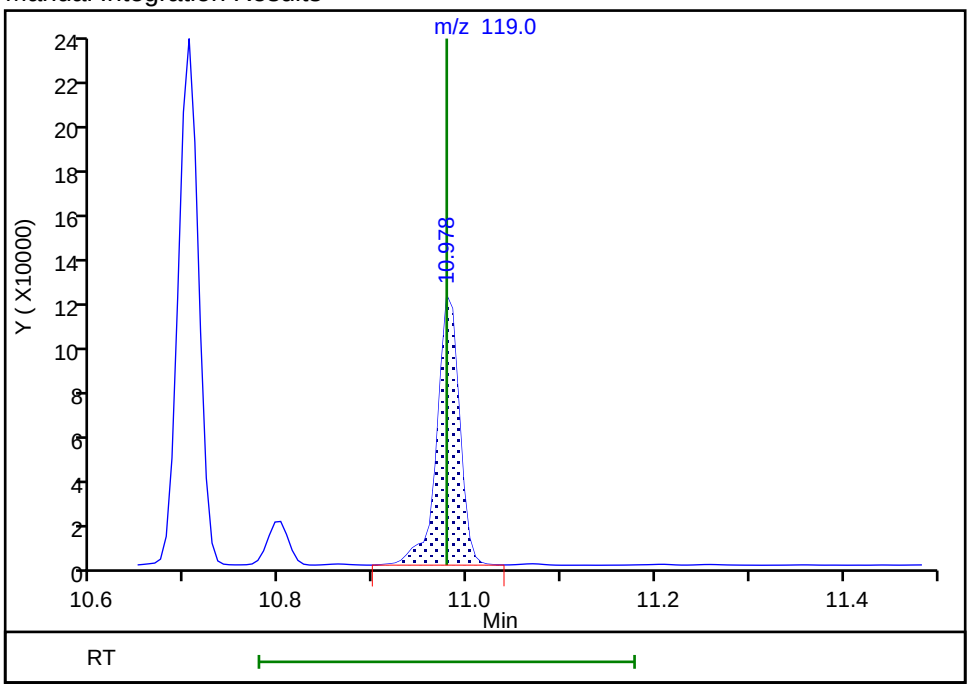
Processing Integration Results

RT: 11.21
Area: 932
Amount: 0.092846
Amount Units: ug/l



Manual Integration Results

RT: 10.98
Area: 196495
Amount: 19.574796
Amount Units: ug/l



Reviewer: N1JZ, 20-Oct-2022 05:46:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869565/18 Calibration Date: 10/01/2022 21:09

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V25705.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	0.0412	0.0240		11.7	20.0	-41.7*	30.0
Chlorotrifluoroethene	Ave	0.1245	0.0743		11.9	20.0	-40.3*	30.0
1,1-Difluoroethane	Ave	0.3046	0.2573		16.9	20.0	-15.5	30.0
Dichlorodifluoromethane	Ave	0.5640	0.5957	0.1000	21.1	20.0	5.6	30.0
Chlorodifluoromethane	Ave	0.1027	0.0908		17.7	20.0	-11.6	30.0
Chloromethane	Ave	0.9084	0.8186	0.1000	18.0	20.0	-9.9	30.0
Vinyl chloride	Ave	0.6380	0.7013	0.1000	22.0	20.0	9.9	30.0
Butadiene	Ave	0.7608	0.7147		18.8	20.0	-6.1	30.0
Bromomethane	Ave	0.2208	0.2854	0.1000	25.9	20.0	29.3	30.0
Chloroethane	Ave	0.4053	0.3661	0.1000	18.1	20.0	-9.7	30.0
Dichlorofluoromethane	Ave	0.9688	0.8914		18.4	20.0	-8.0	30.0
Trichlorofluoromethane	Ave	0.6330	0.6709	0.1000	21.2	20.0	6.0	30.0
Pentane	Ave	0.1111	0.1301		46.9	40.0	17.2	30.0
Ethanol	QuaF		0.6329		801	800	0.1	30.0
Ethyl ether	Ave	0.3446	0.3040		17.6	20.0	-11.8	30.0
2-Methyl-1,3-butadiene	Ave	0.6716	0.7053		21.0	20.0	5.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3496	0.3062		17.5	20.0	-12.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6592	0.6477		19.6	20.0	-1.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3955	0.3905	0.1000	19.7	20.0	-1.3	30.0
Acrolein	Ave	0.1037	0.0916		35.4	40.1	-11.7	30.0
1,1-Dichloroethene	Ave	0.3971	0.3792	0.1000	19.1	20.0	-4.5	30.0
Acetone	QuaF		1.213	0.0500	123	100	23.0	30.0
Iodomethane	QuaF		0.1232		7.97	20.0	-60.2*	30.0
Isopropyl alcohol	Ave	8.866	8.373		189	200	-5.6	30.0
Carbon disulfide	Ave	1.555	1.501	0.1000	19.3	20.0	-3.5	30.0
3-Chloro-1-propene	Ave	0.3629	0.3121		17.2	20.0	-14.0	30.0
Methyl acetate	Ave	0.6396	0.6410	0.1000	40.1	40.0	0.2	30.0
Cyclopentene	Ave	1.542	1.616		21.0	20.0	4.8	30.0
Acetonitrile	Ave	0.4283	0.4013		187	200	-6.3	30.0
Methylene Chloride	Ave	0.4696	0.4345	0.1000	18.5	20.0	-7.5	30.0
2-Methyl-2-propanol	Ave	15.58	13.36		172	200	-14.2	30.0
Methyl tert-butyl ether	Ave	1.608	1.463	0.1000	18.2	20.0	-9.1	30.0
trans-1,2-Dichloroethene	Ave	0.4609	0.4093	0.1000	17.8	20.0	-11.2	30.0
Acrylonitrile	Ave	0.2847	0.2864		201	200	0.6	30.0
Hexane	Ave	0.9370	0.9534		20.4	20.0	1.8	30.0
Isopropyl ether	Ave	2.507	2.461		19.6	20.0	-1.8	30.0
1,1-Dichloroethane	Ave	1.108	1.017	0.2000	18.4	20.0	-8.2	30.0
Vinyl acetate	Ave	0.6226	0.5718		36.7	40.0	-8.2	30.0
2-Chloro-1,3-butadiene	Ave	0.4298	0.4281		19.9	20.0	-0.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869565/18 Calibration Date: 10/01/2022 21:09

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V25705.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	1.909	1.839		19.3	20.0	-3.7	30.0
2,2-Dichloropropane	Lin2		0.1378		17.7	20.0	-11.7	30.0
2-Butanone (MEK)	Ave	0.4165	0.3583	0.0500	86.0	100	-14.0	30.0
cis-1,2-Dichloroethene	Ave	0.4786	0.4522	0.1000	18.9	20.0	-5.5	30.0
Ethyl acetate	Ave	0.3982	0.3564		35.8	40.0	-10.5	30.0
Methyl acrylate	Ave	0.5918	0.5684		19.2	20.0	-3.9	30.0
Propionitrile	Ave	0.1039	0.0966		186	200	-7.0	30.0
Chlorobromomethane	Ave	0.1783	0.1656		18.6	20.0	-7.1	30.0
Tetrahydrofuran	Ave	0.0839	0.0760		36.2	40.0	-9.4	30.0
Methacrylonitrile	Ave	0.2700	0.2718		201	200	0.7	30.0
Chloroform	Ave	0.8470	0.7768	0.2000	18.3	20.0	-8.3	30.0
Cyclohexane	Ave	0.7834	0.7777	0.1000	19.9	20.0	-0.7	30.0
1,1,1-Trichloroethane	Ave	0.7055	0.6669	0.1000	18.9	20.0	-5.5	30.0
Carbon tetrachloride	Ave	0.5599	0.5261	0.1000	18.8	20.0	-6.0	30.0
1,1-Dichloropropene	Ave	0.7531	0.7182		19.1	20.0	-4.6	30.0
Isobutyl alcohol	QuaF		13.18		450	500	-10.1	30.0
Isooctane	Ave	1.890	1.879		19.9	20.0	-0.6	30.0
Benzene	Ave	3.621	3.471	0.5000	19.2	20.0	-4.2	30.0
Isopropyl acetate	Ave	0.4552	0.4255		18.7	20.0	-6.5	30.0
Tert-amyl methyl ether	Ave	1.669	1.564		18.7	20.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.7481	0.6669	0.1000	17.8	20.0	-10.8	30.0
n-Heptane	Ave	0.4230	0.4034		19.1	20.0	-4.6	30.0
n-Butanol	Ave	2.908	1.898		326	500	-34.7*	30.0
Trichloroethene	Ave	0.4681	0.4302	0.2000	18.4	20.0	-8.1	30.0
Ethyl acrylate	QuaF		0.0644		18.4	20.0	-8.0	30.0
Methylcyclohexane	Ave	0.8186	0.8166	0.1000	20.0	20.0	-0.2	30.0
1,2-Dichloropropane	Ave	0.6465	0.5604	0.1000	17.3	20.0	-13.3	30.0
Methyl methacrylate	Ave	0.1269	0.1185		37.3	40.0	-6.6	30.0
1,4-Dioxane	Ave	2.434	1.738		286	400	-28.6	30.0
Dibromomethane	Ave	0.2845	0.2417		17.0	20.0	-15.0	30.0
n-Propyl acetate	Ave	1.221	1.171		19.2	20.0	-4.1	30.0
Bromodichloromethane	Ave	0.6341	0.5689	0.2000	17.9	20.0	-10.3	30.0
2-Nitropropane	Ave	0.2306	0.2022		35.1	40.0	-12.3	30.0
2-Chloroethyl vinyl ether	Ave	0.3820	0.3739		19.6	20.0	-2.1	30.0
Epichlorohydrin	Ave	0.3792	0.3025		16.0	20.0	-20.2	30.0
cis-1,3-Dichloropropene	Ave	1.422	1.297	0.2000	18.2	20.0	-8.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	4.340	4.391	0.0500	101	100	1.2	30.0
Toluene	Ave	3.391	3.164	0.4000	18.7	20.0	-6.7	30.0
trans-1,3-Dichloropropene	Ave	1.298	1.228	0.1000	18.9	20.0	-5.4	30.0
Ethyl methacrylate	Ave	1.064	1.032		19.4	20.0	-3.0	30.0
1,1,2-Trichloroethane	Ave	0.6172	0.5770	0.1000	18.7	20.0	-6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869565/18 Calibration Date: 10/01/2022 21:09

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V25705.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	0.5957	0.5627	0.2000	18.9	20.0	-5.5	30.0
1,3-Dichloropropane	Ave	1.336	1.267		19.0	20.0	-5.2	30.0
2-Hexanone	Lin2		2.805	0.0500	98.0	100	-2.0	30.0
n-Butyl acetate	Ave	2.121	2.020		19.0	20.0	-4.8	30.0
Dibromochloromethane	Ave	0.6134	0.5448	0.1000	17.8	20.0	-11.2	30.0
Ethylene Dibromide	Ave	0.6133	0.5714	0.1000	18.6	20.0	-6.8	30.0
Chlorobenzene	Ave	1.836	1.665	0.5000	18.1	20.0	-9.3	30.0
Ethylbenzene	Ave	1.021	0.9577	0.1000	18.8	20.0	-6.2	30.0
1,1,1,2-Tetrachloroethane	Ave	0.5836	0.5255		18.0	20.0	-10.0	30.0
m-Xylene & p-Xylene	Ave	1.234	1.208	0.1000	19.6	20.0	-2.1	30.0
o-Xylene	Ave	1.184	1.143	0.3000	19.3	20.0	-3.5	30.0
n-Butyl acrylate	Lin2		0.6025		18.6	20.0	-6.8	30.0
Styrene	Ave	1.873	1.762	0.3000	18.8	20.0	-5.9	30.0
Amyl acetate (mixed isomers)	Ave	4.937	4.853		19.7	20.0	-1.7	30.0
Bromoform	Ave	0.3784	0.3277	0.1000	17.3	20.0	-13.4	30.0
Isopropylbenzene	Ave	3.012	3.029	0.1000	20.1	20.0	0.6	30.0
Bromobenzene	Ave	1.395	1.354		19.4	20.0	-2.9	30.0
1,1,2,2-Tetrachloroethane	Ave	2.137	2.066	0.3000	19.3	20.0	-3.4	30.0
N-Propylbenzene	Ave	8.458	8.757		20.7	20.0	3.5	30.0
1,2,3-Trichloropropane	Ave	0.5654	0.5405		19.1	20.0	-4.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.8402	0.7756		18.5	20.0	-7.7	30.0
2-Chlorotoluene	Ave	5.777	5.787		20.0	20.0	0.2	30.0
4-Ethyltoluene	Ave	6.640	6.983		21.0	20.0	5.2	30.0
1,3,5-Trimethylbenzene	Ave	5.462	5.336		19.5	20.0	-2.3	30.0
4-Chlorotoluene	Ave	5.410	5.423		20.0	20.0	0.2	30.0
Butyl Methacrylate	Lin2		1.801		17.5	20.0	-12.5	30.0
tert-Butylbenzene	Ave	4.540	4.599		20.3	20.0	1.3	30.0
1,2,4-Trimethylbenzene	Ave	5.518	5.457		19.8	20.0	-1.1	30.0
sec-Butylbenzene	Ave	6.452	6.806		21.1	20.0	5.5	30.0
1,3-Dichlorobenzene	Ave	2.588	2.540	0.6000	19.6	20.0	-1.8	30.0
4-Isopropyltoluene	Ave	5.136	5.409		21.1	20.0	5.3	30.0
1,4-Dichlorobenzene	Ave	2.710	2.558	0.5000	18.9	20.0	-5.6	30.0
1,2,3-Trimethylbenzene	Ave	5.554	5.498		19.8	20.0	-1.0	30.0
Benzyl chloride	Ave	3.982	3.690		18.5	20.0	-7.3	30.0
Indan	Ave	5.150	5.260		20.4	20.0	2.1	30.0
p-Diethylbenzene	Ave	2.692	3.261		24.2	20.0	21.1	30.0
n-Butylbenzene	Ave	2.932	2.957		20.2	20.0	0.9	30.0
1,2-Dichlorobenzene	Ave	2.490	2.400	0.4000	19.3	20.0	-3.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.376	4.258		19.5	20.0	-2.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3546	0.2710	0.0500	15.3	20.0	-23.6	30.0
1,3,5-Trichlorobenzene	Ave	1.593	1.495		18.8	20.0	-6.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-869565/18 Calibration Date: 10/01/2022 21:09

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V25705.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	1.483	1.318	0.2000	17.8	20.0	-11.1	30.0
Hexachlorobutadiene	Ave	0.5968	0.5738		19.2	20.0	-3.8	30.0
Naphthalene	Ave	4.118	3.838		18.6	20.0	-6.8	30.0
1,2,3-Trichlorobenzene	Ave	1.252	1.190		19.0	20.0	-4.9	30.0
Dibromofluoromethane (Surr)	Ave	0.2332	0.2314		49.6	50.0	-0.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3752	0.3502		46.7	50.0	-6.7	30.0
Toluene-d8 (Surr)	Ave	1.899	1.896		49.9	50.0	-0.2	30.0
Bromofluorobenzene	Ave	0.3794	0.3836		50.6	50.0	1.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25705.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 01-Oct-2022 21:09:30 ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0151144-018
Misc. Info.: 460-0151144-018
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Oct-2022 10:21:25 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: W9CM Date: 02-Oct-2022 10:10:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	74	8765	20.0	11.7	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	85	27130	20.0	11.9	
4 1,1-Difluoroethane	65	1.274	1.275	-0.001	86	93972	20.0	16.9	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	100	217536	20.0	21.1	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	97	33174	20.0	17.7	
6 Chloromethane	50	1.423	1.435	-0.012	99	298945	20.0	18.0	
7 Vinyl chloride	62	1.480	1.481	0.000	99	256137	20.0	22.0	
8 Butadiene	54	1.492	1.492	0.000	92	260997	20.0	18.8	
9 Bromomethane	94	1.697	1.698	-0.001	99	104241	20.0	25.9	
10 Chloroethane	64	1.755	1.755	0.000	99	133697	20.0	18.1	
11 Dichlorofluoromethane	67	1.880	1.881	-0.001	99	325538	20.0	18.4	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	96	245030	20.0	21.2	
13 Pentane	72	1.926	1.926	0.000	97	95046	40.0	46.9	
17 Ethanol	46	2.029	2.029	0.000	93	27657	800.0	801.0	
14 Ethyl ether	74	2.063	2.063	0.000	92	111038	20.0	17.6	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	95	257587	20.0	21.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.097	2.098	-0.001	97	111843	20.0	17.5	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	236537	20.0	19.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.201	-0.001	92	142618	20.0	19.7	
52 Acrolein	56	2.212	2.212	0.000	96	66972	40.1	35.4	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	90	138494	20.0	19.1	
23 Acetone	43	2.292	2.292	0.000	86	376838	100.0	123.0	
21 Iodomethane	142	2.360	2.361	-0.001	99	44978	20.0	7.97	
24 Isopropyl alcohol	45	2.360	2.361	-0.001	95	91482	200.0	188.9	a
22 Carbon disulfide	76	2.395	2.395	0.000	100	548080	20.0	19.3	
30 Methyl acetate	43	2.486	2.486	0.000	97	468187	40.0	40.1	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	90	113968	20.0	17.2	
25 Cyclopentene	67	2.509	2.509	0.000	95	590125	20.0	21.0	
27 Acetonitrile	41	2.532	2.532	0.000	96	249254	200.0	187.4	a
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	97	54626	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	2.589	2.589	0.000	93	158687	20.0	18.5	
31 2-Methyl-2-propanol	59	2.623	2.623	0.000	98	146003	200.0	171.5	a
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	96	534166	20.0	18.2	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	96	149481	20.0	17.8	
35 Acrylonitrile	53	2.795	2.795	0.000	94	1045813	200.0	201.1	
36 Hexane	57	2.863	2.863	0.000	96	348193	20.0	20.4	
37 Isopropyl ether	45	3.035	3.035	0.000	96	898803	20.0	19.6	
38 1,1-Dichloroethane	63	3.080	3.081	-0.001	57	371389	20.0	18.4	
40 Vinyl acetate	86	3.080	3.081	-0.001	100	71034	40.0	36.7	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	93	156352	20.0	19.9	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	87	671509	20.0	19.3	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	97	776411	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.504	-0.001	93	50327	20.0	17.7	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	83	165132	20.0	18.9	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	111277	100.0	86.0	
47 Ethyl acetate	70	3.538	3.538	0.000	93	44278	40.0	35.8	
46 Methyl acrylate	55	3.595	3.595	0.000	98	207599	20.0	19.2	
48 Propionitrile	54	3.663	3.664	-0.001	97	352964	200.0	186.0	
49 Chlorobromomethane	128	3.743	3.744	-0.001	88	60492	20.0	18.6	
50 Tetrahydrofuran	72	3.743	3.744	-0.001	75	55529	40.0	36.2	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	992595	200.0	201.3	
51 Chloroform	83	3.789	3.789	0.000	96	283708	20.0	18.3	
53 Cyclohexane	84	3.915	3.915	0.000	98	284006	20.0	19.9	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	95	243565	20.0	18.9	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	94	211239	50.0	49.6	
57 Carbon tetrachloride	117	4.040	4.041	-0.001	96	192140	20.0	18.8	
58 1,1-Dichloropropene	75	4.063	4.064	-0.001	89	262275	20.0	19.1	
61 Isobutyl alcohol	43	4.200	4.201	-0.001	93	359871	500.0	449.7	
64 Isooctane	57	4.212	4.212	0.000	99	686151	20.0	19.9	
59 Benzene	78	4.258	4.258	0.000	98	753931	20.0	19.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	96	319736	50.0	46.7	
66 Isopropyl acetate	87	4.303	4.304	-0.001	94	155379	20.0	18.7	
62 Tert-amyl methyl ether	73	4.303	4.304	-0.001	91	571153	20.0	18.7	
63 1,2-Dichloroethane	62	4.349	4.349	0.000	96	243560	20.0	17.8	
65 n-Heptane	57	4.395	4.395	0.000	97	147321	20.0	19.1	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	913018	50.0	50.0	
70 n-Butanol	56	4.886	4.875	0.011	96	51838	500.0	326.3	
69 Trichloroethene	95	4.886	4.887	-0.001	92	157130	20.0	18.4	
71 Ethyl acrylate	99	5.012	5.012	0.000	94	23506	20.0	18.4	a
72 Methylcyclohexane	83	5.012	5.012	0.000	77	298221	20.0	20.0	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	86	204645	20.0	17.3	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	44	26741	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	86563	40.0	37.3	
78 1,4-Dioxane	88	5.298	5.298	0.000	28	18589	400.0	285.6	
77 n-Propyl acetate	43	5.321	5.321	0.000	97	427744	20.0	19.2	
75 Dibromomethane	93	5.321	5.321	0.000	38	88281	20.0	17.0	
76 Dichlorobromomethane	83	5.481	5.481	0.000	97	207767	20.0	17.9	
34 2-Nitropropane	41	5.812	5.812	0.000	97	147700	40.0	35.1	
79 2-Chloroethyl vinyl ether	63	5.835	5.835	0.000	93	136560	20.0	19.6	
80 Epichlorohydrin	57	5.949	5.938	0.011	97	18789	20.0	16.0	a
81 cis-1,3-Dichloropropene	75	6.006	6.007	-0.001	97	281766	20.0	18.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.166	6.167	-0.001	98	1363620	100.0	101.2	

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	6.258	6.258	0.000	97	1029828	50.0	49.9	
83 Toluene	91	6.338	6.338	0.000	92	687362	20.0	18.7	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	94	266711	20.0	18.9	
86 Ethyl methacrylate	69	6.772	6.772	0.000	95	224146	20.0	19.4	
87 1,1,2-Trichloroethane	83	6.966	6.967	-0.001	93	125342	20.0	18.7	
88 Tetrachloroethene	166	7.012	7.012	0.000	91	122226	20.0	18.9	
89 1,3-Dichloropropane	76	7.207	7.207	-0.001	94	275128	20.0	19.0	
91 2-Hexanone	43	7.275	7.275	0.000	98	871218	100.0	98.0	
92 n-Butyl acetate	43	7.424	7.424	0.000	96	438853	20.0	19.0	
90 Chlorodibromomethane	129	7.469	7.458	0.011	95	118351	20.0	17.8	
93 Ethylene Dibromide	107	7.618	7.630	-0.012	98	124113	20.0	18.6	
* 94 Chlorobenzene-d5	117	8.178	8.178	0.000	94	543056	50.0	50.0	
95 Chlorobenzene	112	8.212	8.213	-0.001	87	361573	20.0	18.1	
97 Ethylbenzene	106	8.304	8.304	0.000	99	208027	20.0	18.8	
96 1,1,1,2-Tetrachloroethane	131	8.327	8.327	0.000	92	114159	20.0	18.0	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	262459	20.0	19.6	
100 o-Xylene	106	8.875	8.876	-0.001	92	248212	20.0	19.3	
99 n-Butyl acrylate	73	8.887	8.887	0.000	94	130870	20.0	18.6	
101 Styrene	104	8.910	8.910	0.000	91	382737	20.0	18.8	
102 Amyl acetate (mixed isomers)	43	9.115	9.116	-0.001	87	462183	20.0	19.7	
103 Bromoform	173	9.127	9.127	0.000	92	71180	20.0	17.3	
104 Isopropylbenzene	105	9.241	9.241	0.000	98	657951	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	208338	50.0	50.6	
107 Bromobenzene	156	9.572	9.573	-0.001	90	128986	20.0	19.4	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	196728	20.0	19.3	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	834008	20.0	20.7	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	51480	20.0	19.1	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	87	73870	20.0	18.5	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	551171	20.0	20.0	
113 4-Ethyltoluene	105	9.755	9.756	-0.001	96	665088	20.0	21.0	
116 1,3,5-Trimethylbenzene	105	9.812	9.813	-0.001	92	508179	20.0	19.5	
110 4-Chlorotoluene	91	9.847	9.847	0.000	98	516476	20.0	20.0	
117 Butyl Methacrylate	87	9.915	9.916	-0.001	91	171557	20.0	17.5	
118 tert-Butylbenzene	119	10.087	10.087	0.000	90	438037	20.0	20.3	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	98	519702	20.0	19.8	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	648156	20.0	21.1	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	96	515174	20.0	21.1	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	70	241926	20.0	19.6	
* 106 1,4-Dichlorobenzene-d4	152	10.475	10.476	-0.001	96	238097	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	88	243634	20.0	18.9	
123 1,2,3-Trimethylbenzene	105	10.510	10.510	0.000	99	523641	20.0	19.8	
125 Benzyl chloride	91	10.613	10.613	0.000	96	351453	20.0	18.5	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	500979	20.0	20.4	
126 p-Diethylbenzene	119	10.715	10.716	-0.001	92	310552	20.0	24.2	
127 n-Butylbenzene	92	10.738	10.739	-0.001	97	281619	20.0	20.2	
128 1,2-Dichlorobenzene	146	10.795	10.796	-0.001	91	228600	20.0	19.3	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	95	405523	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	80	25808	20.0	15.3	
132 1,3,5-Trichlorobenzene	180	11.538	11.539	-0.001	94	142357	20.0	18.8	
131 1,2,4-Trichlorobenzene	180	12.007	12.007	0.000	92	125496	20.0	17.8	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	89	54652	20.0	19.2	
134 Naphthalene	128	12.178	12.179	-0.001	98	365536	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
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	92	113347	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.7	
S 137 Xylenes, Total	100				0		40.0	38.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.2	
S 139 Total BTEX	1				0		100.0	95.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GAS C SP_00482	Amount Added:	20.00	Units: uL	
8260 SP_00158	Amount Added:	20.00	Units: uL	
8FreonsSS_00049	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00142	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Oct-2022 10:21:28 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25705.D

Injection Date: 01-Oct-2022 21:09:30 Instrument ID: CVOAMS7

Lims ID: ICV

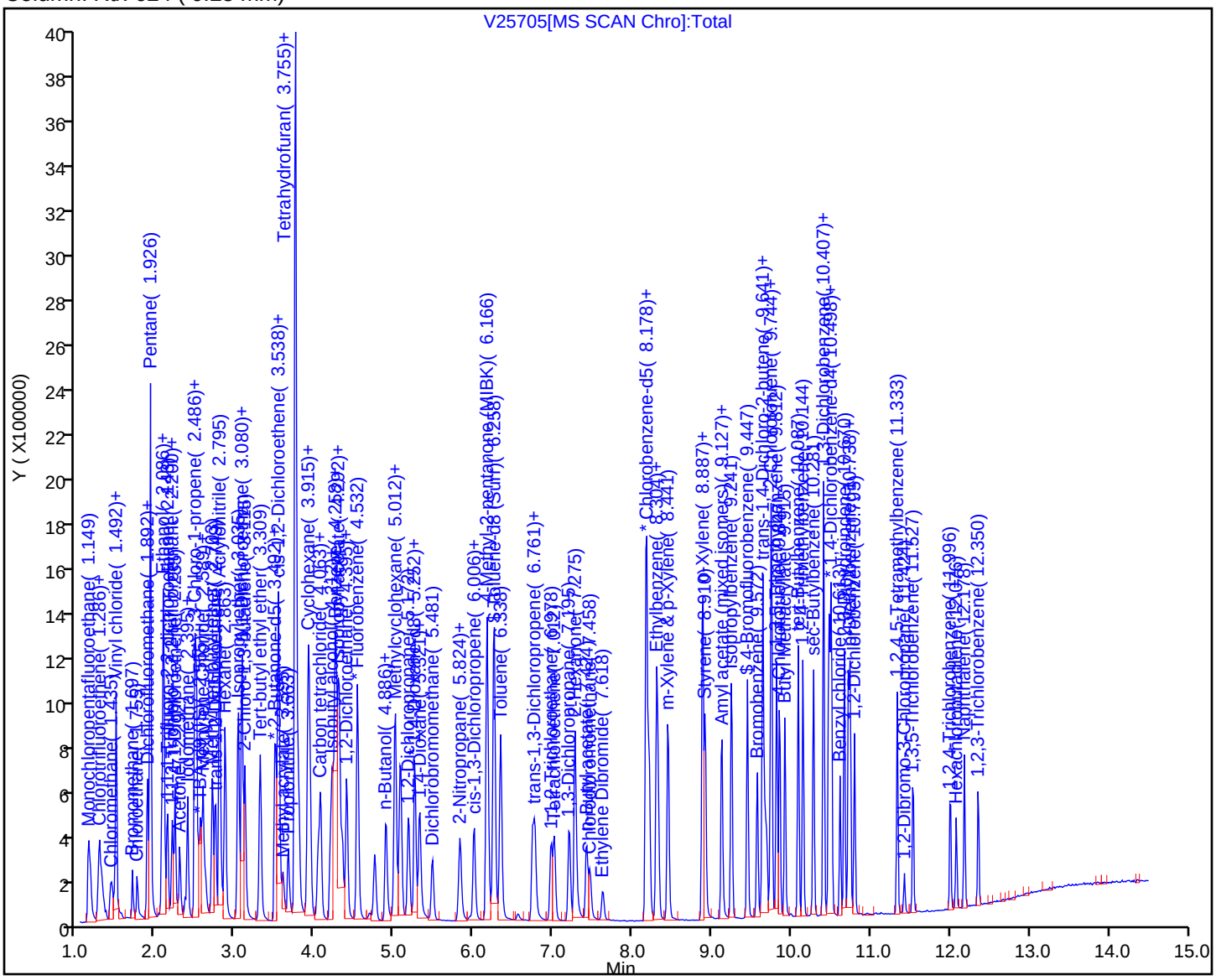
Client ID:

Operator ID: ALS Bottle#: 67 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

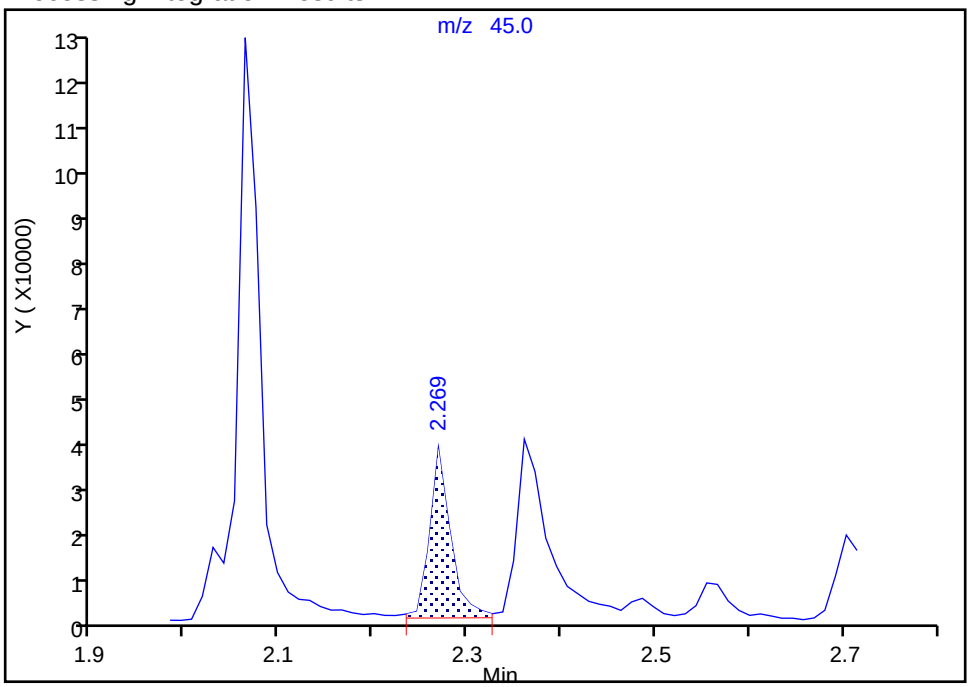
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Injection Date: 01-Oct-2022 21:09:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

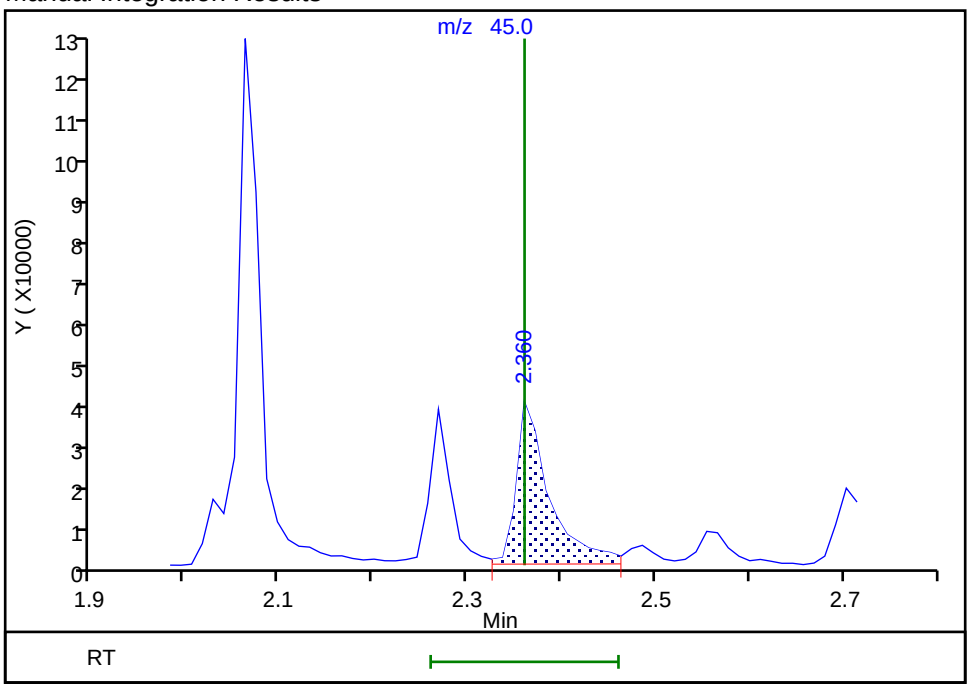
Processing Integration Results

RT: 2.27
Area: 55422
Amount: 114.4311
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 91482
Amount: 188.8851
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 10:08:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

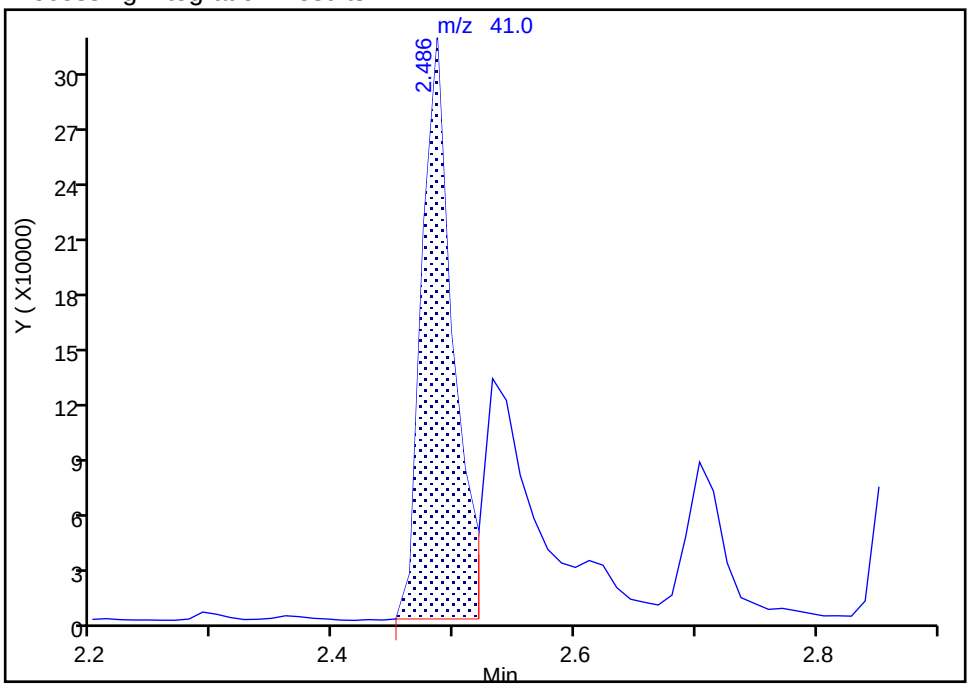
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Injection Date: 01-Oct-2022 21:09:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

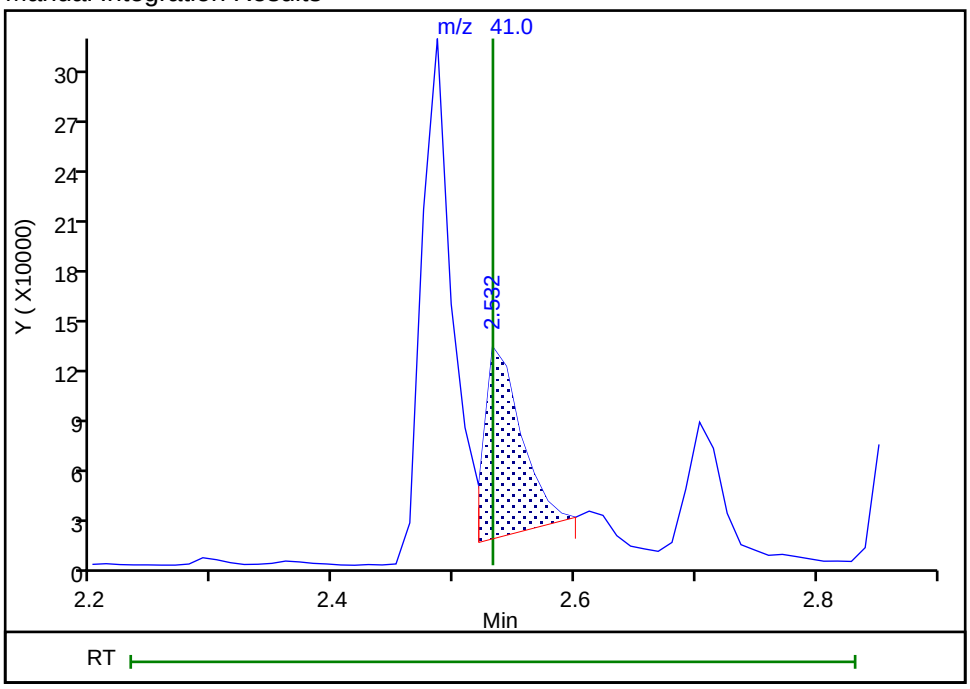
Processing Integration Results

RT: 2.49
Area: 578593
Amount: 435.0309
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 249254
Amount: 187.4084
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 10:08:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

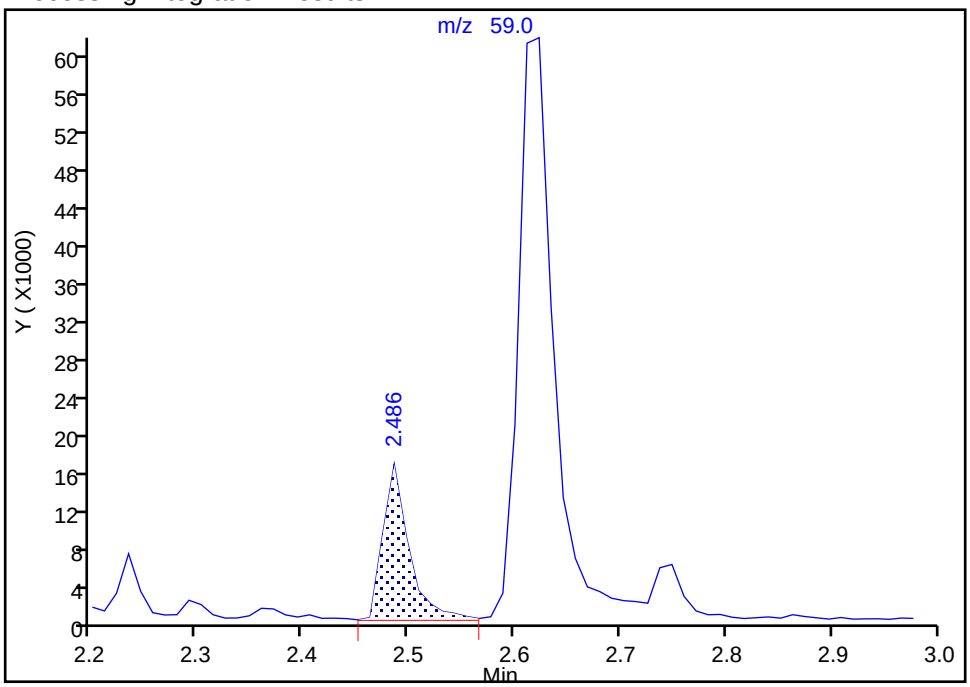
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Injection Date: 01-Oct-2022 21:09:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

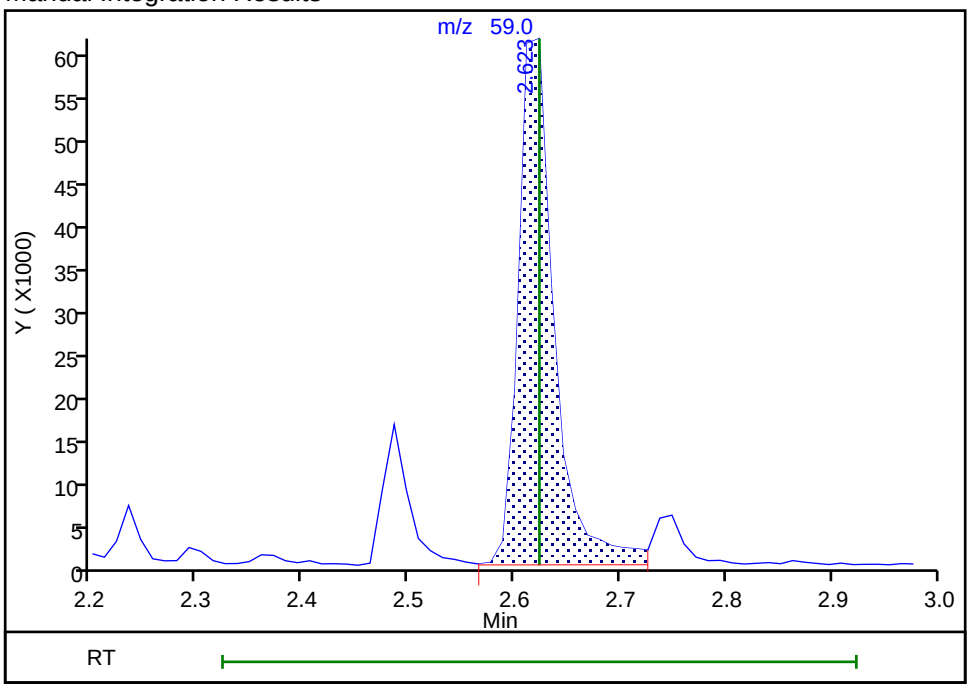
Processing Integration Results

RT: 2.49
Area: 28630
Amount: 33.636406
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 146003
Amount: 171.5339
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 10:10:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

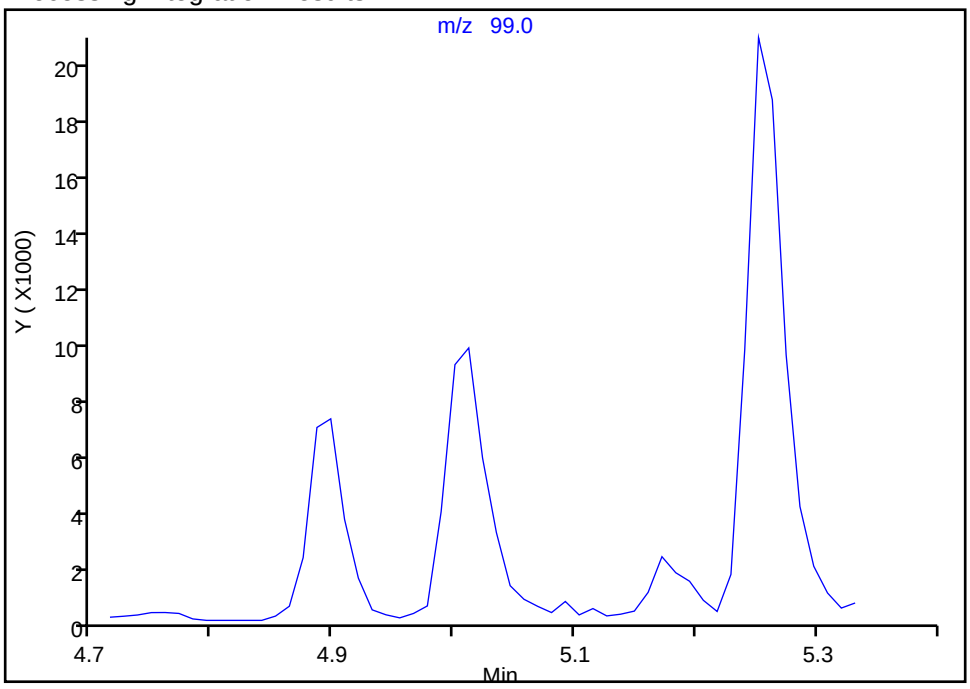
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Injection Date: 01-Oct-2022 21:09:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

71 Ethyl acrylate, CAS: 140-88-5

Signal: 1

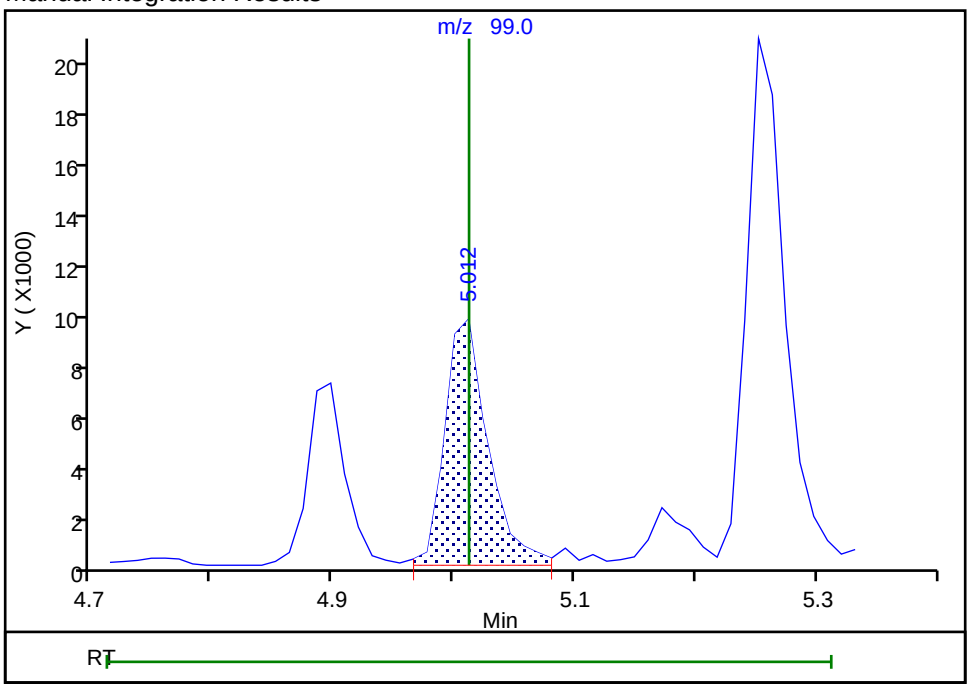
Not Detected
Expected RT: 5.01

Processing Integration Results



Manual Integration Results

RT: 5.01
Area: 23506
Amount: 18.405314
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 10:08:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

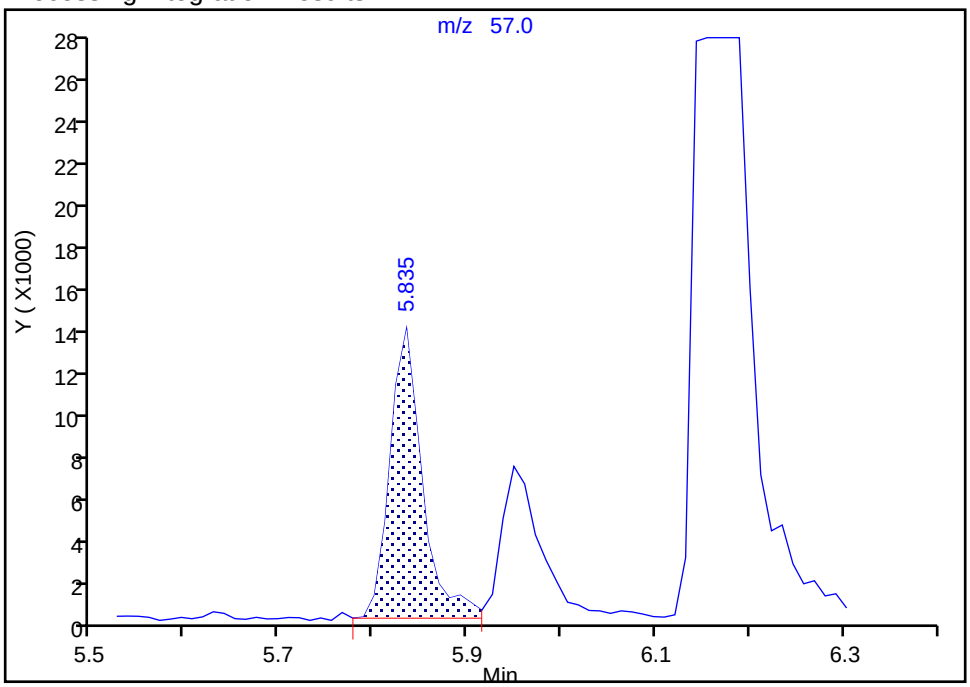
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25705.D
Injection Date: 01-Oct-2022 21:09:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

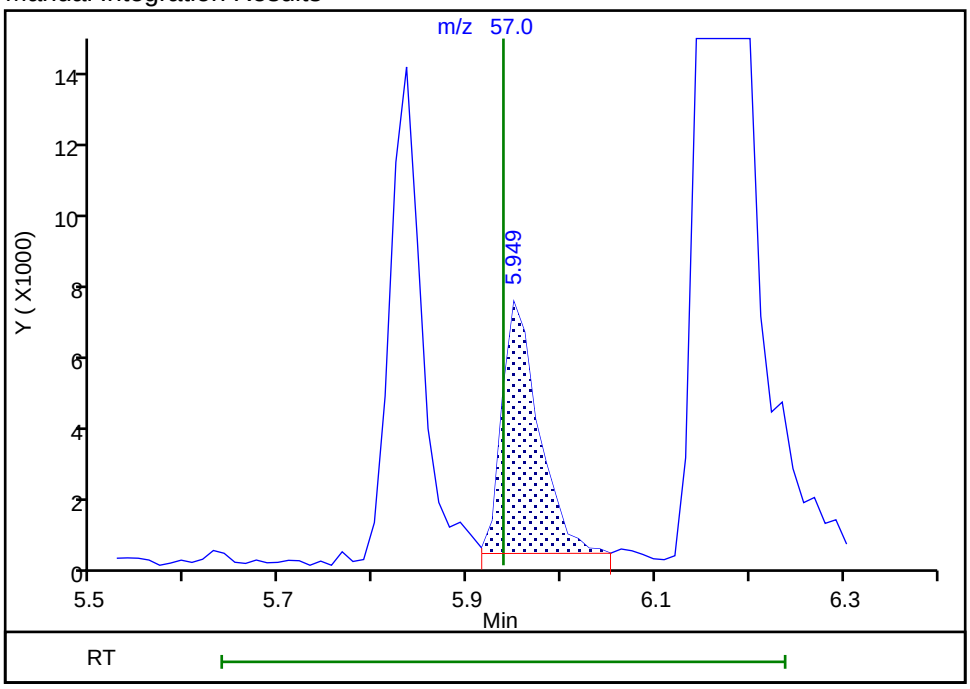
Processing Integration Results

RT: 5.83
Area: 32535
Amount: 27.628453
Amount Units: ug/l



Manual Integration Results

RT: 5.95
Area: 18789
Amount: 15.955463
Amount Units: ug/l



Reviewer: W9CM, 02-Oct-2022 10:08:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872160/3 Calibration Date: 10/15/2022 18:54

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26545.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	0.0412	0.0222		10.8	20.0	-46.1*	20.0
Chlorotrifluoroethene	Ave	0.1245	0.0776		12.5	20.0	-37.7*	20.0
1,1-Difluoroethane	Ave	0.3046	0.2378		15.6	20.0	-21.9*	20.0
Dichlorodifluoromethane	Ave	0.5640	0.4854	0.1000	17.2	20.0	-13.9	20.0
Chlorodifluoromethane	Ave	0.1027	0.0990		19.3	20.0	-3.6	20.0
Chloromethane	Ave	0.9084	0.6336	0.1000	13.9	20.0	-30.3*	20.0
Vinyl chloride	Ave	0.6380	0.4976	0.1000	15.6	20.0	-22.0*	20.0
Butadiene	Ave	0.7608	0.5983		15.7	20.0	-21.4*	20.0
Bromomethane	Ave	0.2208	0.1290	0.1000	11.7	20.0	-41.6	50.0
Chloroethane	Ave	0.4053	0.3514	0.1000	17.3	20.0	-13.3	50.0
Dichlorofluoromethane	Ave	0.9688	0.9314		19.2	20.0	-3.9	20.0
Trichlorofluoromethane	Ave	0.6330	0.6383	0.1000	20.2	20.0	0.8	20.0
Pentane	Ave	0.1111	0.1025		36.9	40.0	-7.7	20.0
Ethanol	QuaF		0.6329		801	800	0.1	50.0
Ethyl ether	Ave	0.3446	0.3254		18.9	20.0	-5.6	20.0
2-Methyl-1,3-butadiene	Ave	0.6716	0.5969		17.8	20.0	-11.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3496	0.3554		20.3	20.0	1.6	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6592	0.6705		20.3	20.0	1.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3955	0.4062	0.1000	20.5	20.0	2.7	20.0
Acrolein	Ave	0.1037	0.0666		25.7	40.0	-35.8	50.0
1,1-Dichloroethene	Ave	0.3971	0.4032	0.1000	20.3	20.0	1.5	20.0
Acetone	QuaF		1.253	0.0500	127	100	27.0	50.0
Iodomethane	QuaF		0.1086		7.03	20.0	-64.8*	20.0
Isopropyl alcohol	Ave	8.866	8.254		186	200	-6.9	50.0
Carbon disulfide	Ave	1.555	1.514	0.1000	19.5	20.0	-2.6	50.0
3-Chloro-1-propene	Ave	0.3629	0.3407		18.8	20.0	-6.1	20.0
Methyl acetate	Ave	0.6396	0.5975	0.1000	37.4	40.0	-6.6	20.0
Cyclopentene	Ave	1.542	1.421		18.4	20.0	-7.8	20.0
Acetonitrile	Ave	0.4283	0.3958		185	200	-7.6	20.0
Methylene Chloride	Ave	0.4696	0.4845	0.1000	20.6	20.0	3.2	20.0
2-Methyl-2-propanol	Ave	15.58	13.71		176	200	-12.0	50.0
Methyl tert-butyl ether	Ave	1.608	1.569	0.1000	19.5	20.0	-2.4	20.0
trans-1,2-Dichloroethene	Ave	0.4609	0.4667	0.1000	20.3	20.0	1.3	20.0
Acrylonitrile	Ave	0.2847	0.2768		194	200	-2.8	20.0
Hexane	Ave	0.9370	0.8382		17.9	20.0	-10.5	20.0
Isopropyl ether	Ave	2.507	2.170		17.3	20.0	-13.5	20.0
1,1-Dichloroethane	Ave	1.108	1.077	0.2000	19.4	20.0	-2.8	20.0
Vinyl acetate	Ave	0.6226	0.6341		40.7	40.0	1.8	20.0
2-Chloro-1,3-butadiene	Ave	0.4298	0.4291		20.0	20.0	-0.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872160/3 Calibration Date: 10/15/2022 18:54

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26545.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	1.909	1.731		18.1	20.0	-9.3	20.0
2,2-Dichloropropane	Lin2		0.1695		21.8	20.0	9.0	20.0
2-Butanone (MEK)	Ave	0.4165	0.3988	0.0500	95.7	100	-4.3	50.0
cis-1,2-Dichloroethene	Ave	0.4786	0.4756	0.1000	19.9	20.0	-0.6	20.0
Ethyl acetate	Ave	0.3982	0.4038		40.6	40.0	1.4	20.0
Methyl acrylate	Ave	0.5918	0.5154		17.4	20.0	-12.9	20.0
Propionitrile	Ave	0.1039	0.0936		180	200	-9.9	20.0
Chlorobromomethane	Ave	0.1783	0.2128		23.9	20.0	19.3	20.0
Methacrylonitrile	Ave	0.2700	0.2534		188	200	-6.1	20.0
Tetrahydrofuran	Ave	0.0839	0.0704		33.6	40.0	-16.1	20.0
Chloroform	Ave	0.8470	0.8518	0.2000	20.1	20.0	0.6	20.0
Cyclohexane	Ave	0.7834	0.7297	0.1000	18.6	20.0	-6.9	50.0
1,1,1-Trichloroethane	Ave	0.7055	0.7146	0.1000	20.3	20.0	1.3	20.0
Carbon tetrachloride	Ave	0.5599	0.5982	0.1000	21.4	20.0	6.8	20.0
1,1-Dichloropropene	Ave	0.7531	0.7158		19.0	20.0	-5.0	20.0
Isobutyl alcohol	QuaF		11.49		392	500	-21.6*	20.0
Isooctane	Ave	1.890	1.650		17.5	20.0	-12.7	20.0
Benzene	Ave	3.621	2.982	0.5000	16.5	20.0	-17.6	20.0
Isopropyl acetate	Ave	0.4552	0.4388		19.3	20.0	-3.6	20.0
Tert-amyl methyl ether	Ave	1.669	1.577		18.9	20.0	-5.6	20.0
1,2-Dichloroethane	Ave	0.7481	0.7585	0.1000	20.3	20.0	1.4	20.0
n-Heptane	Ave	0.4230	0.3713		17.6	20.0	-12.2	20.0
n-Butanol	Ave	2.908	1.916		329	500	-34.1	50.0
Trichloroethene	Ave	0.4681	0.4432	0.2000	18.9	20.0	-5.3	20.0
Ethyl acrylate	QuaF		0.0622		17.8	20.0	-11.1	20.0
Methylcyclohexane	Ave	0.8186	0.7209	0.1000	17.6	20.0	-11.9	50.0
1,2-Dichloropropane	Ave	0.6465	0.5547	0.1000	17.2	20.0	-14.2	20.0
Methyl methacrylate	Ave	0.1269	0.1279		40.3	40.0	0.7	20.0
1,4-Dioxane	Ave	2.434	2.226		366	400	-8.6	50.0
Dibromomethane	Ave	0.2845	0.2764		19.4	20.0	-2.8	20.0
n-Propyl acetate	Ave	1.221	1.057		17.3	20.0	-13.4	20.0
Bromodichloromethane	Ave	0.6341	0.6224	0.2000	19.6	20.0	-1.9	20.0
2-Nitropropane	Ave	0.2306	0.1979		34.3	40.0	-14.2	20.0
2-Chloroethyl vinyl ether	Ave	0.3820	0.3465		18.2	20.0	-9.3	20.0
Epichlorohydrin	Ave	0.3792	0.4116		434	400	8.6	20.0
cis-1,3-Dichloropropene	Ave	1.422	1.233	0.2000	17.3	20.0	-13.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	4.340	4.526	0.0500	104	100	4.3	50.0
Toluene	Ave	3.391	2.916	0.4000	17.2	20.0	-14.0	20.0
trans-1,3-Dichloropropene	Ave	1.298	1.114	0.1000	17.2	20.0	-14.2	50.0
Ethyl methacrylate	Ave	1.064	0.9513		17.9	20.0	-10.6	20.0
1,1,2-Trichloroethane	Ave	0.6172	0.5171	0.1000	16.8	20.0	-16.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872160/3 Calibration Date: 10/15/2022 18:54

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26545.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	0.5957	0.5719	0.2000	19.2	20.0	-4.0	20.0
1,3-Dichloropropane	Ave	1.336	1.144		17.1	20.0	-14.4	20.0
2-Hexanone	Lin2		2.919	0.0500	102	100	1.9	50.0
n-Butyl acetate	Ave	2.121	1.766		16.6	20.0	-16.8	20.0
Dibromochloromethane	Ave	0.6134	0.5416	0.1000	17.7	20.0	-11.7	50.0
Ethylene Dibromide	Ave	0.6133	0.5395	0.1000	17.6	20.0	-12.0	20.0
Chlorobenzene	Ave	1.836	1.662	0.5000	18.1	20.0	-9.5	20.0
Ethylbenzene	Ave	1.021	0.9077	0.1000	17.8	20.0	-11.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5836	0.5292		18.1	20.0	-9.3	20.0
m-Xylene & p-Xylene	Ave	1.234	1.163	0.1000	18.9	20.0	-5.7	20.0
n-Butyl acrylate	Lin2		0.5232		16.2	20.0	-18.9	20.0
o-Xylene	Ave	1.184	1.107	0.3000	18.7	20.0	-6.6	20.0
Styrene	Ave	1.873	1.749	0.3000	18.7	20.0	-6.6	20.0
Amyl acetate (mixed isomers)	Ave	4.937	4.095		16.6	20.0	-17.1	20.0
Bromoform	Ave	0.3784	0.3490	0.1000	18.4	20.0	-7.8	20.0
Isopropylbenzene	Ave	3.012	2.825	0.1000	18.8	20.0	-6.2	20.0
Bromobenzene	Ave	1.395	1.321		18.9	20.0	-5.3	20.0
1,1,2,2-Tetrachloroethane	Ave	2.137	1.751	0.3000	16.4	20.0	-18.1	20.0
N-Propylbenzene	Ave	8.458	7.643		18.1	20.0	-9.6	20.0
1,2,3-Trichloropropane	Ave	0.5654	0.4991		17.7	20.0	-11.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.8402	0.5949		14.2	20.0	-29.2*	20.0
2-Chlorotoluene	Ave	5.777	5.214		18.1	20.0	-9.7	20.0
4-Ethyltoluene	Ave	6.640	6.039		18.2	20.0	-9.1	20.0
1,3,5-Trimethylbenzene	Ave	5.462	4.895		17.9	20.0	-10.4	20.0
4-Chlorotoluene	Ave	5.410	4.943		18.3	20.0	-8.6	20.0
Butyl Methacrylate	Lin2		1.594		15.5	20.0	-22.5*	20.0
tert-Butylbenzene	Ave	4.540	4.070		17.9	20.0	-10.4	20.0
1,2,4-Trimethylbenzene	Ave	5.518	4.895		17.7	20.0	-11.3	20.0
sec-Butylbenzene	Ave	6.452	5.846		18.1	20.0	-9.4	20.0
4-Isopropyltoluene	Ave	5.136	4.894		19.1	20.0	-4.7	20.0
1,3-Dichlorobenzene	Ave	2.588	2.555	0.6000	19.7	20.0	-1.3	20.0
1,4-Dichlorobenzene	Ave	2.710	2.580	0.5000	19.0	20.0	-4.8	20.0
1,2,3-Trimethylbenzene	Ave	5.554	4.873		17.5	20.0	-12.3	20.0
Benzyl chloride	Ave	3.982	3.551		17.8	20.0	-10.8	50.0
Indan	Ave	5.150	4.800		18.6	20.0	-6.8	20.0
p-Diethylbenzene	Ave	2.692	2.439		18.1	20.0	-9.4	20.0
n-Butylbenzene	Ave	2.932	2.441		16.7	20.0	-16.7	20.0
1,2-Dichlorobenzene	Ave	2.490	2.337	0.4000	18.8	20.0	-6.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.376	3.311		15.1	20.0	-24.3*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3546	0.3156	0.0500	17.8	20.0	-11.0	50.0
1,3,5-Trichlorobenzene	Ave	1.593	1.450		18.2	20.0	-8.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872160/3 Calibration Date: 10/15/2022 18:54

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26545.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	1.483	1.247	0.2000	16.8	20.0	-15.9	20.0
Hexachlorobutadiene	Ave	0.5968	0.5191		17.4	20.0	-13.0	20.0
Naphthalene	Ave	4.118	2.987		14.5	20.0	-27.5	50.0
1,2,3-Trichlorobenzene	Ave	1.252	1.179		18.8	20.0	-5.8	20.0
Dibromofluoromethane (Surr)	Ave	0.2332	0.2699		57.9	50.0	15.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3752	0.4022		53.6	50.0	7.2	20.0
Toluene-d8 (Surr)	Ave	1.899	1.814		47.7	50.0	-4.5	20.0
Bromofluorobenzene	Ave	0.3794	0.4246		55.9	50.0	11.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26545.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 15-Oct-2022 18:54:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151790-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:13:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: W9CM Date: 19-Oct-2022 13:13:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	71	4007	20.0	10.8	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	88	14018	20.0	12.5	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	85	42977	20.0	15.6	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	87716	20.0	17.2	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	98	17892	20.0	19.3	
6 Chloromethane	50	1.423	1.423	0.000	100	114494	20.0	13.9	
7 Vinyl chloride	62	1.480	1.480	0.000	99	89925	20.0	15.6	
8 Butadiene	54	1.492	1.492	0.000	90	108110	20.0	15.7	
9 Bromomethane	94	1.697	1.697	0.000	98	23315	20.0	11.7	
10 Chloroethane	64	1.755	1.755	0.000	99	63501	20.0	17.3	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	99	168314	20.0	19.2	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	98	115354	20.0	20.2	
13 Pentane	72	1.926	1.926	0.000	96	37048	40.0	36.9	
17 Ethanol	46	2.029	2.029	0.000	97	16321	800.0	801.1	
14 Ethyl ether	74	2.063	2.063	0.000	93	58798	20.0	18.9	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	96	107868	20.0	17.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	97	64221	20.0	20.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.132	2.132	0.000	97	121167	20.0	20.3	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.200	0.000	95	73407	20.0	20.5	
52 Acrolein	56	2.200	2.200	0.000	98	24088	40.0	25.7	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	92	72863	20.0	20.3	
23 Acetone	43	2.292	2.292	0.000	84	185202	100.0	127.0	
24 Isopropyl alcohol	45	2.360	2.360	0.000	98	53212	200.0	186.2	
21 Iodomethane	142	2.360	2.360	0.000	74	19632	20.0	7.03	
22 Carbon disulfide	76	2.395	2.395	0.000	100	273541	20.0	19.5	
26 3-Chloro-1-propene	76	2.475	2.475	0.000	90	61560	20.0	18.8	
30 Methyl acetate	43	2.486	2.486	0.000	97	215935	40.0	37.4	
25 Cyclopentene	67	2.498	2.498	0.000	95	256792	20.0	18.4	
27 Acetonitrile	41	2.532	2.532	0.000	98	117020	200.0	184.8	
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	98	32233	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	2.589	2.589	0.000	95	87547	20.0	20.6	
31 2-Methyl-2-propanol	59	2.612	2.612	0.000	98	88408	200.0	176.0	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	283587	20.0	19.5	
33 trans-1,2-Dichloroethene	96	2.738	2.738	0.000	96	84331	20.0	20.3	
35 Acrylonitrile	53	2.795	2.795	0.000	94	500146	200.0	194.4	
36 Hexane	57	2.863	2.863	0.000	94	151478	20.0	17.9	
37 Isopropyl ether	45	3.023	3.023	0.000	97	392060	20.0	17.3	
38 1,1-Dichloroethane	63	3.069	3.069	0.000	59	194632	20.0	19.4	
40 Vinyl acetate	86	3.080	3.080	0.000	100	37495	40.0	40.7	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	94	77538	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	312751	20.0	18.1	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	369582	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	95	30631	20.0	21.8	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	48	85939	20.0	19.9	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	58953	100.0	95.7	
47 Ethyl acetate	70	3.538	3.538	0.000	93	23878	40.0	40.6	
46 Methyl acrylate	55	3.595	3.595	0.000	99	93136	20.0	17.4	
48 Propionitrile	54	3.652	3.652	0.000	97	169135	200.0	180.1	
50 Tetrahydrofuran	72	3.743	3.743	0.000	70	25442	40.0	33.6	
49 Chlorobromomethane	128	3.743	3.743	0.000	89	38446	20.0	23.9	
54 Methacrylonitrile	67	3.743	3.743	0.000	98	457941	200.0	187.7	
51 Chloroform	83	3.789	3.789	0.000	97	153931	20.0	20.1	
53 Cyclohexane	84	3.903	3.903	0.000	98	131867	20.0	18.6	
55 1,1,1-Trichloroethane	97	3.915	3.915	0.000	95	129134	20.0	20.3	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	94	121927	50.0	57.9	
57 Carbon tetrachloride	117	4.041	4.041	0.000	97	108107	20.0	21.4	
58 1,1-Dichloropropene	75	4.063	4.063	0.000	90	129358	20.0	19.0	
61 Isobutyl alcohol	43	4.189	4.189	0.000	93	185141	500.0	391.8	
64 Isooctane	57	4.212	4.212	0.000	100	298173	20.0	17.5	
59 Benzene	78	4.246	4.246	0.000	98	365865	20.0	16.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	181716	50.0	53.6	
66 Isopropyl acetate	87	4.303	4.303	0.000	95	79295	20.0	19.3	
62 Tert-amyl methyl ether	73	4.303	4.303	0.000	91	284913	20.0	18.9	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	97	137074	20.0	20.3	
65 n-Heptane	57	4.395	4.395	0.000	97	67096	20.0	17.6	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	451773	50.0	50.0	
70 n-Butanol	56	4.875	4.875	0.000	97	30874	500.0	329.4	
69 Trichloroethene	95	4.886	4.886	0.000	93	80094	20.0	18.9	
71 Ethyl acrylate	99	5.001	5.001	0.000	94	11238	20.0	17.8	a
72 Methylcyclohexane	83	5.001	5.001	0.000	76	130281	20.0	17.6	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	100244	20.0	17.2	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	53	15329	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	46208	40.0	40.3	
78 1,4-Dioxane	88	5.298	5.298	0.000	76	13647	400.0	365.7	
77 n-Propyl acetate	43	5.309	5.309	0.000	98	191030	20.0	17.3	
75 Dibromomethane	93	5.309	5.309	0.000	46	49954	20.0	19.4	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	112468	20.0	19.6	
34 2-Nitropropane	41	5.812	5.812	0.000	97	71514	40.0	34.3	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	93	62766	20.0	18.2	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	243415	400.0	434.2	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	97	151208	20.0	17.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.155	0.000	98	669059	100.0	104.3	

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	6.247	6.247	0.000	97	556276	50.0	47.7	
83 Toluene	91	6.327	6.327	0.000	92	357771	20.0	17.2	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	136687	20.0	17.2	
86 Ethyl methacrylate	69	6.761	6.761	0.000	94	116708	20.0	17.9	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.000	93	63435	20.0	16.8	
88 Tetrachloroethene	166	7.001	7.001	0.000	93	70168	20.0	19.2	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	95	140322	20.0	17.1	
91 2-Hexanone	43	7.264	7.264	0.000	98	431552	100.0	101.9	
92 n-Butyl acetate	43	7.412	7.412	0.000	97	216627	20.0	16.6	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	66445	20.0	17.7	
93 Ethylene Dibromide	107	7.618	7.618	0.000	98	66192	20.0	17.6	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	306708	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	90	203895	20.0	18.1	
97 Ethylbenzene	106	8.292	8.292	0.000	99	111364	20.0	17.8	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	92	64926	20.0	18.1	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	98	142700	20.0	18.9	
100 o-Xylene	106	8.875	8.875	0.000	92	135757	20.0	18.7	
99 n-Butyl acrylate	73	8.875	8.875	0.000	95	64183	20.0	16.2	
101 Styrene	104	8.910	8.910	0.000	91	214549	20.0	18.7	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	88	230015	20.0	16.6	
103 Bromoform	173	9.127	9.127	0.000	94	42819	20.0	18.4	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	346561	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	130215	50.0	55.9	
107 Bromobenzene	156	9.573	9.573	0.000	92	74222	20.0	18.9	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	96	98346	20.0	16.4	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	429309	20.0	18.1	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	96	28031	20.0	17.7	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	85	33415	20.0	14.2	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	292866	20.0	18.1	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	339168	20.0	18.2	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	91	274933	20.0	17.9	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	277644	20.0	18.3	
117 Butyl Methacrylate	87	9.915	9.915	0.000	93	89518	20.0	15.5	
118 tert-Butylbenzene	119	10.087	10.087	0.000	91	228585	20.0	17.9	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	274962	20.0	17.7	
120 sec-Butylbenzene	105	10.270	10.270	0.000	98	328376	20.0	18.1	
121 4-Isopropyltoluene	119	10.396	10.396	0.000	96	274863	20.0	19.1	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	92	143503	20.0	19.7	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	96	140417	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	90	144893	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	98	273705	20.0	17.5	
125 Benzyl chloride	91	10.613	10.613	0.000	97	199445	20.0	17.8	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	269581	20.0	18.6	
126 p-Diethylbenzene	119	10.716	10.716	0.000	91	136988	20.0	18.1	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	137096	20.0	16.7	
128 1,2-Dichlorobenzene	146	10.796	10.796	0.000	93	131283	20.0	18.8	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	185958	20.0	15.1	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	90	17727	20.0	17.8	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	95	81464	20.0	18.2	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	93	70033	20.0	16.8	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	89	29158	20.0	17.4	
134 Naphthalene	128	12.179	12.179	0.000	98	167747	20.0	14.5	

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	12.350	12.350	0.000	95	66220	20.0	18.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.1	
S 137 Xylenes, Total	100				0		40.0	37.5	
S 138 1,3-Dichloropropene, Total	1				0		40.0	34.5	
S 139 Total BTEX	1				0		100.0	89.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Oct-2022 13:13:32 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26545.D

Injection Date: 15-Oct-2022 18:54:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

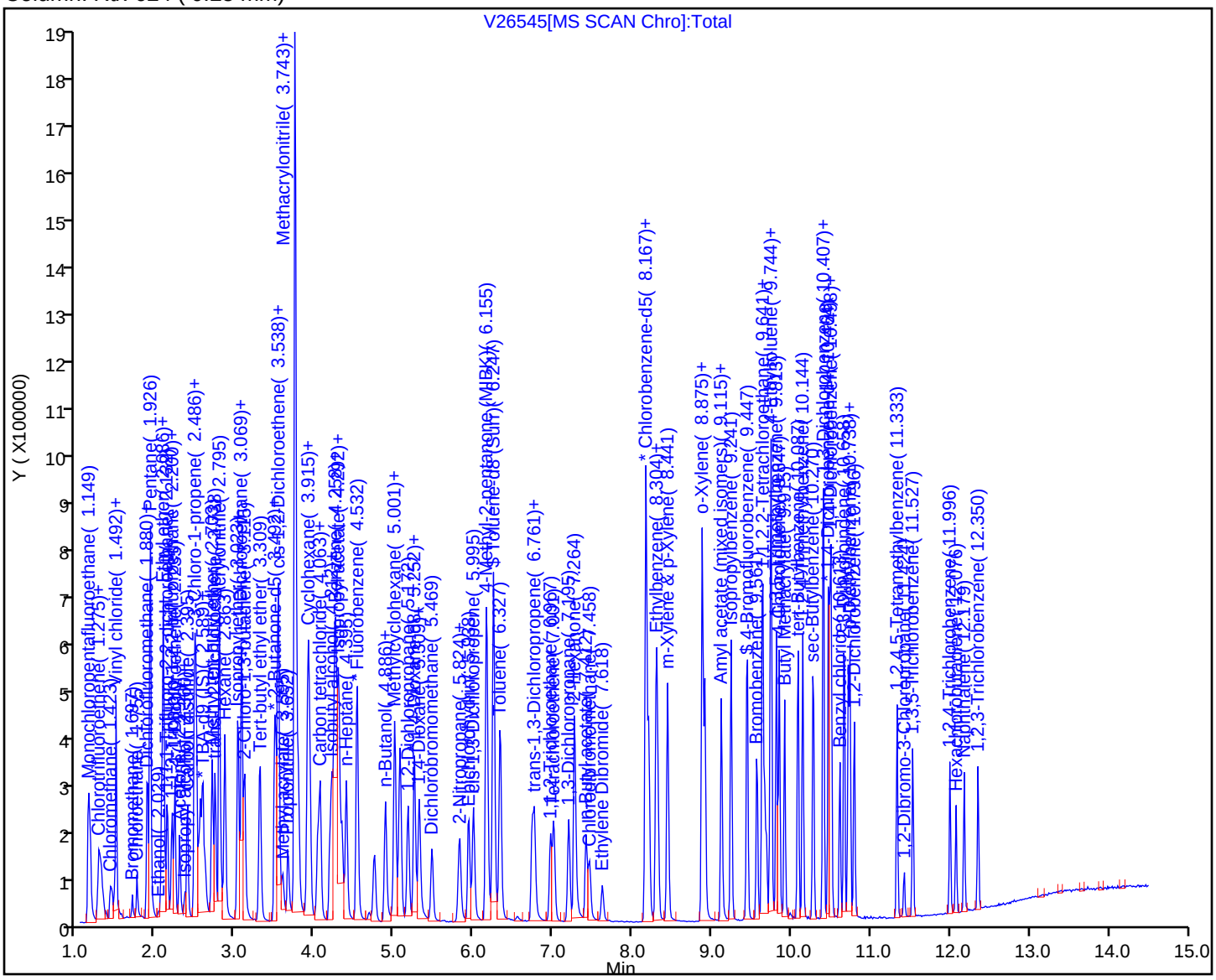
Client ID:

Operator ID: ALS Bottle#: 52 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)



Manual Integration/User Assign Peak Report

Eurofins Edison

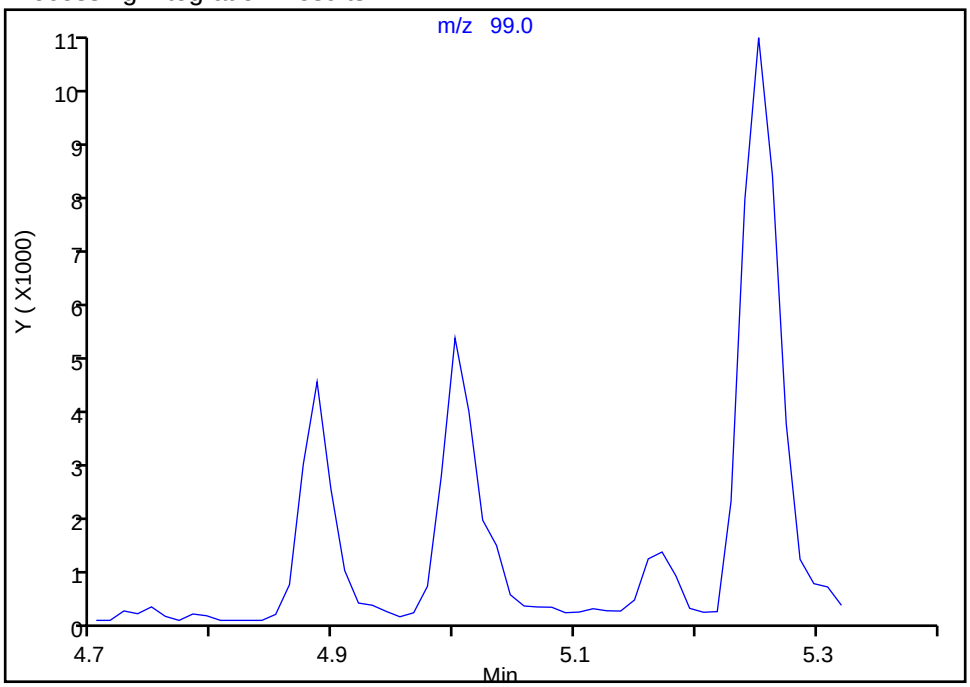
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26545.D
Injection Date: 15-Oct-2022 18:54:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

71 Ethyl acrylate, CAS: 140-88-5

Signal: 1

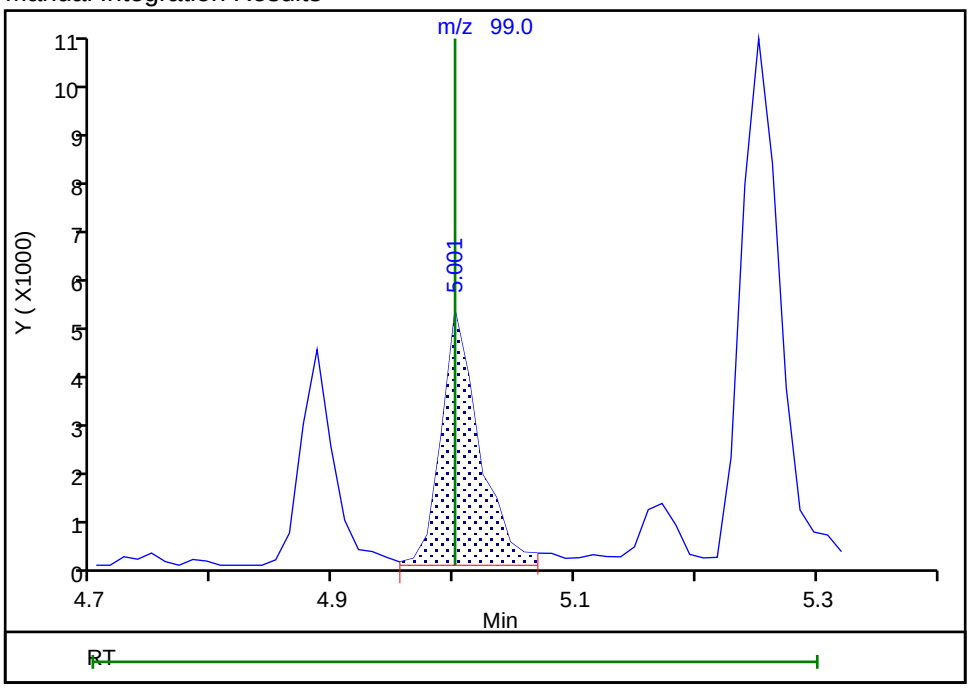
Not Detected
Expected RT: 5.00

Processing Integration Results



Manual Integration Results

RT: 5.00
Area: 11238
Amount: 17.784513
Amount Units: ug/l



Reviewer: HVW2, 16-Oct-2022 16:12:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872260/3 Calibration Date: 10/16/2022 17:04

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26575.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	0.0412	0.0395		19.2	20.0	-4.1	20.0
Chlorotrifluoroethene	Ave	0.1245	0.1241		19.9	20.0	-0.3	20.0
1,1-Difluoroethane	Ave	0.3046	0.2686		17.6	20.0	-11.8	20.0
Dichlorodifluoromethane	Ave	0.5640	0.4929	0.1000	17.5	20.0	-12.6	20.0
Chlorodifluoromethane	Ave	0.1027	0.1086		21.1	20.0	5.7	20.0
Chloromethane	Ave	0.9084	0.6290	0.1000	13.8	20.0	-30.8*	20.0
Vinyl chloride	Ave	0.6380	0.5118	0.1000	16.0	20.0	-19.8	20.0
Butadiene	Ave	0.7608	0.5543		14.6	20.0	-27.2*	20.0
Bromomethane	Ave	0.2208	0.1453	0.1000	13.2	20.0	-34.2	50.0
Chloroethane	Ave	0.4053	0.3378	0.1000	16.7	20.0	-16.7	50.0
Dichlorofluoromethane	Ave	0.9688	0.7963		16.4	20.0	-17.8	20.0
Trichlorofluoromethane	Ave	0.6330	0.6027	0.1000	19.0	20.0	-4.8	20.0
Pentane	Ave	0.1111	0.1007		36.3	40.0	-9.3	20.0
Ethanol	QuaF		0.7245		918	800	14.7	50.0
Ethyl ether	Ave	0.3446	0.3307		19.2	20.0	-4.0	20.0
2-Methyl-1,3-butadiene	Ave	0.6716	0.6191		18.4	20.0	-7.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3496	0.3743		21.4	20.0	7.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6592	0.7032		21.3	20.0	6.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3955	0.4479	0.1000	22.7	20.0	13.3	20.0
Acrolein	Ave	0.1037	0.0783		30.2	40.0	-24.6	50.0
1,1-Dichloroethene	Ave	0.3971	0.4326	0.1000	21.8	20.0	8.9	20.0
Acetone	QuaF		1.422	0.0500	144	100	43.9	50.0
Iodomethane	QuaF		0.1664		10.8	20.0	-46.2*	20.0
Isopropyl alcohol	Ave	8.866	9.519		215	200	7.4	50.0
Carbon disulfide	Ave	1.555	1.606	0.1000	20.7	20.0	3.3	50.0
3-Chloro-1-propene	Ave	0.3629	0.3437		18.9	20.0	-5.3	20.0
Methyl acetate	Ave	0.6396	0.6062	0.1000	37.9	40.0	-5.2	20.0
Cyclopentene	Ave	1.542	1.497		19.4	20.0	-2.9	20.0
Acetonitrile	Ave	0.4283	0.4043		189	200	-5.6	20.0
Methylene Chloride	Ave	0.4696	0.4815	0.1000	20.5	20.0	2.5	20.0
2-Methyl-2-propanol	Ave	15.58	14.01		180	200	-10.1	50.0
Methyl tert-butyl ether	Ave	1.608	1.603	0.1000	19.9	20.0	-0.3	20.0
trans-1,2-Dichloroethene	Ave	0.4609	0.4842	0.1000	21.0	20.0	5.1	20.0
Acrylonitrile	Ave	0.2847	0.2882		202	200	1.2	20.0
Hexane	Ave	0.9370	0.8905		19.0	20.0	-5.0	20.0
Isopropyl ether	Ave	2.507	2.241		17.9	20.0	-10.6	20.0
1,1-Dichloroethane	Ave	1.108	1.106	0.2000	20.0	20.0	-0.2	20.0
Vinyl acetate	Ave	0.6226	0.7478		48.0	40.0	20.1*	20.0
2-Chloro-1,3-butadiene	Ave	0.4298	0.4446		20.7	20.0	3.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872260/3 Calibration Date: 10/16/2022 17:04

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26575.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	1.909	1.823		19.1	20.0	-4.5	20.0
2,2-Dichloropropane	Lin2		0.1706		22.0	20.0	9.8	20.0
2-Butanone (MEK)	Ave	0.4165	0.4287	0.0500	103	100	2.9	50.0
cis-1,2-Dichloroethene	Ave	0.4786	0.5108	0.1000	21.3	20.0	6.7	20.0
Ethyl acetate	Ave	0.3982	0.4362		43.8	40.0	9.5	20.0
Methyl acrylate	Ave	0.5918	0.5512		18.6	20.0	-6.9	20.0
Propionitrile	Ave	0.1039	0.1004		193	200	-3.4	20.0
Chlorobromomethane	Ave	0.1783	0.2113		23.7	20.0	18.5	20.0
Tetrahydrofuran	Ave	0.0839	0.0744		35.5	40.0	-11.4	20.0
Methacrylonitrile	Ave	0.2700	0.2626		195	200	-2.7	20.0
Chloroform	Ave	0.8470	0.8717	0.2000	20.6	20.0	2.9	20.0
Cyclohexane	Ave	0.7834	0.7834	0.1000	20.0	20.0	0.0	50.0
1,1,1-Trichloroethane	Ave	0.7055	0.7529	0.1000	21.3	20.0	6.7	20.0
Carbon tetrachloride	Ave	0.5599	0.6383	0.1000	22.8	20.0	14.0	20.0
1,1-Dichloropropene	Ave	0.7531	0.7917		21.0	20.0	5.1	20.0
Isobutyl alcohol	QuaF		11.30		386	500	-22.9*	20.0
Isooctane	Ave	1.890	1.667		17.6	20.0	-11.8	20.0
Benzene	Ave	3.621	3.322	0.5000	18.3	20.0	-8.3	20.0
Isopropyl acetate	Ave	0.4552	0.4623		20.3	20.0	1.6	20.0
Tert-amyl methyl ether	Ave	1.669	1.579		18.9	20.0	-5.4	20.0
1,2-Dichloroethane	Ave	0.7481	0.7822	0.1000	20.9	20.0	4.6	20.0
n-Heptane	Ave	0.4230	0.3720		17.6	20.0	-12.1	20.0
n-Butanol	Ave	2.908	2.246		386	500	-22.8	50.0
Trichloroethene	Ave	0.4681	0.4925	0.2000	21.0	20.0	5.2	20.0
Ethyl acrylate	QuaF		0.0658		18.8	20.0	-6.0	20.0
Methylcyclohexane	Ave	0.8186	0.8063	0.1000	19.7	20.0	-1.5	50.0
1,2-Dichloropropane	Ave	0.6465	0.5839	0.1000	18.1	20.0	-9.7	20.0
Methyl methacrylate	Ave	0.1269	0.1302		41.0	40.0	2.5	20.0
1,4-Dioxane	Ave	2.434	2.674		439	400	9.8	50.0
n-Propyl acetate	Ave	1.221	1.069		17.5	20.0	-12.5	20.0
Dibromomethane	Ave	0.2845	0.2669		18.8	20.0	-6.2	20.0
Bromodichloromethane	Ave	0.6341	0.6531	0.2000	20.6	20.0	3.0	20.0
2-Nitropropane	Ave	0.2306	0.2131		37.0	40.0	-7.6	20.0
2-Chloroethyl vinyl ether	Ave	0.3820	0.3650		19.2	20.0	-4.5	20.0
Epichlorohydrin	Ave	0.3792	0.4633		489	400	22.2*	20.0
cis-1,3-Dichloropropene	Ave	1.422	1.405	0.2000	19.8	20.0	-1.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	4.340	4.713	0.0500	109	100	8.6	50.0
Toluene	Ave	3.391	3.200	0.4000	18.9	20.0	-5.6	20.0
trans-1,3-Dichloropropene	Ave	1.298	1.254	0.1000	19.3	20.0	-3.4	50.0
Ethyl methacrylate	Ave	1.064	1.013		19.1	20.0	-4.7	20.0
1,1,2-Trichloroethane	Ave	0.6172	0.5812	0.1000	18.8	20.0	-5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872260/3 Calibration Date: 10/16/2022 17:04

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26575.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	0.5957	0.6437	0.2000	21.6	20.0	8.0	20.0
1,3-Dichloropropane	Ave	1.336	1.283		19.2	20.0	-4.0	20.0
2-Hexanone	Lin2		3.076	0.0500	107	100	7.4	50.0
n-Butyl acetate	Ave	2.121	1.760		16.6	20.0	-17.0	20.0
Dibromochloromethane	Ave	0.6134	0.6230	0.1000	20.3	20.0	1.6	50.0
Ethylene Dibromide	Ave	0.6133	0.6313	0.1000	20.6	20.0	2.9	20.0
Chlorobenzene	Ave	1.836	1.849	0.5000	20.1	20.0	0.7	20.0
Ethylbenzene	Ave	1.021	0.9825	0.1000	19.2	20.0	-3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5836	0.6193		21.2	20.0	6.1	20.0
m-Xylene & p-Xylene	Ave	1.234	1.225	0.1000	19.9	20.0	-0.7	20.0
o-Xylene	Ave	1.184	1.233	0.3000	20.8	20.0	4.1	20.0
n-Butyl acrylate	Lin2		0.5547		17.2	20.0	-14.1	20.0
Styrene	Ave	1.873	1.927	0.3000	20.6	20.0	2.9	20.0
Amyl acetate (mixed isomers)	Ave	4.937	4.160		16.9	20.0	-15.7	20.0
Bromoform	Ave	0.3784	0.3942	0.1000	20.8	20.0	4.2	20.0
Isopropylbenzene	Ave	3.012	3.098	0.1000	20.6	20.0	2.8	20.0
Bromobenzene	Ave	1.395	1.457		20.9	20.0	4.4	20.0
1,1,2,2-Tetrachloroethane	Ave	2.137	1.865	0.3000	17.4	20.0	-12.8	20.0
N-Propylbenzene	Ave	8.458	8.320		19.7	20.0	-1.6	20.0
1,2,3-Trichloropropane	Ave	0.5654	0.5274		18.7	20.0	-6.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.8402	0.7202		17.1	20.0	-14.3	20.0
2-Chlorotoluene	Ave	5.777	5.580		19.3	20.0	-3.4	20.0
4-Ethyltoluene	Ave	6.640	6.469		19.5	20.0	-2.6	20.0
1,3,5-Trimethylbenzene	Ave	5.462	5.289		19.4	20.0	-3.2	20.0
4-Chlorotoluene	Ave	5.410	5.239		19.4	20.0	-3.2	20.0
Butyl Methacrylate	Lin2		1.647		16.0	20.0	-19.9	20.0
tert-Butylbenzene	Ave	4.540	4.461		19.7	20.0	-1.7	20.0
1,2,4-Trimethylbenzene	Ave	5.518	5.393		19.5	20.0	-2.3	20.0
sec-Butylbenzene	Ave	6.452	6.526		20.2	20.0	1.1	20.0
1,3-Dichlorobenzene	Ave	2.588	2.733	0.6000	21.1	20.0	5.6	20.0
4-Isopropyltoluene	Ave	5.136	5.347		20.8	20.0	4.1	20.0
1,4-Dichlorobenzene	Ave	2.710	2.720	0.5000	20.1	20.0	0.4	20.0
1,2,3-Trimethylbenzene	Ave	5.554	5.373		19.4	20.0	-3.2	20.0
Benzyl chloride	Ave	3.982	3.874		19.5	20.0	-2.7	50.0
Indan	Ave	5.150	4.998		19.4	20.0	-2.9	20.0
p-Diethylbenzene	Ave	2.692	2.656		19.7	20.0	-1.3	20.0
n-Butylbenzene	Ave	2.932	2.670		18.2	20.0	-8.9	20.0
1,2-Dichlorobenzene	Ave	2.490	2.494	0.4000	20.0	20.0	0.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.376	3.935		18.0	20.0	-10.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3546	0.3152	0.0500	17.8	20.0	-11.1	50.0
1,3,5-Trichlorobenzene	Ave	1.593	1.646		20.7	20.0	3.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872260/3 Calibration Date: 10/16/2022 17:04

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26575.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	1.483	1.450	0.2000	19.6	20.0	-2.2	20.0
Hexachlorobutadiene	Ave	0.5968	0.6031		20.2	20.0	1.1	20.0
Naphthalene	Ave	4.118	3.552		17.3	20.0	-13.7	50.0
1,2,3-Trichlorobenzene	Ave	1.252	1.307		20.9	20.0	4.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2332	0.2554		54.8	50.0	9.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3752	0.3670		48.9	50.0	-2.2	20.0
Toluene-d8 (Surr)	Ave	1.899	1.846		48.6	50.0	-2.8	20.0
Bromofluorobenzene	Ave	0.3794	0.4067		53.6	50.0	7.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26575.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 16-Oct-2022 17:04:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151813-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:26:59 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 17-Oct-2022 11:30:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	74	10891	20.0	19.2	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	97	34202	20.0	19.9	
4 1,1-Difluoroethane	65	1.286	1.286	0.000	82	74036	20.0	17.6	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	100	135889	20.0	17.5	
2 Chlorodifluoromethane	67	1.320	1.320	0.000	98	29929	20.0	21.1	
6 Chloromethane	50	1.435	1.435	0.000	100	173393	20.0	13.8	
7 Vinyl chloride	62	1.480	1.480	0.000	99	141087	20.0	16.0	
8 Butadiene	54	1.503	1.503	0.000	93	152799	20.0	14.6	
9 Bromomethane	94	1.697	1.697	0.000	97	40070	20.0	13.2	
10 Chloroethane	64	1.766	1.766	0.000	99	93124	20.0	16.7	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	99	219528	20.0	16.4	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	98	166150	20.0	19.0	
13 Pentane	72	1.926	1.926	0.000	96	55538	40.0	36.3	
17 Ethanol	46	2.029	2.029	0.000	96	28413	800.0	917.7	
14 Ethyl ether	74	2.075	2.075	0.000	93	91179	20.0	19.2	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	95	170686	20.0	18.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.097	2.097	0.000	97	103189	20.0	21.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	98	193849	20.0	21.3	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.200	0.000	95	123489	20.0	22.7	
52 Acrolein	56	2.212	2.212	0.000	96	43146	40.0	30.2	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	92	119261	20.0	21.8	
23 Acetone	43	2.292	2.292	0.000	84	298222	100.0	143.9	
24 Isopropyl alcohol	45	2.360	2.360	0.000	99	93327	200.0	214.7	
21 Iodomethane	142	2.360	2.360	0.000	95	45868	20.0	10.8	
22 Carbon disulfide	76	2.395	2.395	0.000	100	442630	20.0	20.7	
30 Methyl acetate	43	2.486	2.486	0.000	96	334259	40.0	37.9	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	90	94750	20.0	18.9	
25 Cyclopentene	67	2.509	2.509	0.000	95	412634	20.0	19.4	
27 Acetonitrile	41	2.532	2.532	0.000	96	169596	200.0	188.8	a
* 28 TBA-d9 (IS)	66	2.566	2.566	0.000	98	49019	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	2.589	2.589	0.000	95	132753	20.0	20.5	
31 2-Methyl-2-propanol	59	2.623	2.623	0.000	98	137384	200.0	179.9	a
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	441979	20.0	19.9	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	97	133495	20.0	21.0	
35 Acrylonitrile	53	2.795	2.795	0.000	93	794456	200.0	202.4	
36 Hexane	57	2.863	2.863	0.000	96	245493	20.0	19.0	
37 Isopropyl ether	45	3.035	3.035	0.000	95	617776	20.0	17.9	
38 1,1-Dichloroethane	63	3.080	3.080	0.000	59	304925	20.0	20.0	
40 Vinyl acetate	86	3.080	3.080	0.000	100	62735	40.0	48.0	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	94	122581	20.0	20.7	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	502693	20.0	19.1	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	95	524331	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	95	47035	20.0	22.0	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	46	140824	20.0	21.3	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	89917	100.0	102.9	
47 Ethyl acetate	70	3.538	3.538	0.000	92	36597	40.0	43.8	
46 Methyl acrylate	55	3.595	3.595	0.000	99	151966	20.0	18.6	
48 Propionitrile	54	3.663	3.663	0.000	98	276878	200.0	193.3	
50 Tetrahydrofuran	72	3.743	3.743	0.000	72	41009	40.0	35.5	
49 Chlorobromomethane	128	3.743	3.743	0.000	92	58239	20.0	23.7	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	724065	200.0	194.5	
51 Chloroform	83	3.789	3.789	0.000	97	240317	20.0	20.6	
53 Cyclohexane	84	3.915	3.915	0.000	98	215965	20.0	20.0	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	95	207566	20.0	21.3	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	176029	50.0	54.8	
57 Carbon tetrachloride	117	4.041	4.041	0.000	96	175975	20.0	22.8	
58 1,1-Dichloropropene	75	4.063	4.063	0.000	90	218254	20.0	21.0	
61 Isobutyl alcohol	43	4.189	4.189	0.000	93	277050	500.0	385.5	
64 Isooctane	57	4.212	4.212	0.000	99	459534	20.0	17.6	
59 Benzene	78	4.246	4.246	0.000	98	591268	20.0	18.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	252953	50.0	48.9	
66 Isopropyl acetate	87	4.303	4.303	0.000	95	127443	20.0	20.3	
62 Tert-amyl methyl ether	73	4.303	4.303	0.000	90	435236	20.0	18.9	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	97	215644	20.0	20.9	
65 n-Heptane	57	4.395	4.395	0.000	97	102544	20.0	17.6	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	689203	50.0	50.0	
70 n-Butanol	56	4.875	4.875	0.000	96	55052	500.0	386.2	
69 Trichloroethene	95	4.886	4.886	0.000	95	135768	20.0	21.0	
72 Methylcyclohexane	83	5.001	5.001	0.000	78	222275	20.0	19.7	
71 Ethyl acrylate	99	5.001	5.001	0.000	94	18133	20.0	18.8	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	160983	20.0	18.1	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	44	21944	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	71774	40.0	41.0	
78 1,4-Dioxane	88	5.298	5.298	0.000	28	23468	400.0	439.3	
77 n-Propyl acetate	43	5.309	5.309	0.000	98	294674	20.0	17.5	
75 Dibromomethane	93	5.321	5.321	0.000	44	73575	20.0	18.8	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	180035	20.0	20.6	
34 2-Nitropropane	41	5.812	5.812	0.000	98	117472	40.0	37.0	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	95	100867	20.0	19.2	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	388638	400.0	488.7	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	98	250158	20.0	19.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.166	6.166	0.000	99	988538	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	6.246	6.246	0.000	97	821628	50.0	48.6	
83 Toluene	91	6.338	6.338	0.000	93	569542	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	223180	20.0	19.3	
86 Ethyl methacrylate	69	6.761	6.761	0.000	95	180363	20.0	19.1	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.000	92	103443	20.0	18.8	
88 Tetrachloroethene	166	7.012	7.012	0.000	93	114568	20.0	21.6	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	96	228273	20.0	19.2	
91 2-Hexanone	43	7.275	7.275	0.000	98	645144	100.0	107.4	
92 n-Butyl acetate	43	7.412	7.412	0.000	96	313260	20.0	16.6	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	110879	20.0	20.3	
93 Ethylene Dibromide	107	7.618	7.618	0.000	97	112357	20.0	20.6	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	93	444974	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	90	329094	20.0	20.1	
97 Ethylbenzene	106	8.304	8.304	0.000	99	174866	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	92	110235	20.0	21.2	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	218017	20.0	19.9	
100 o-Xylene	106	8.875	8.875	0.000	92	219419	20.0	20.8	
99 n-Butyl acrylate	73	8.887	8.887	0.000	94	98724	20.0	17.2	
101 Styrene	104	8.910	8.910	0.000	91	343027	20.0	20.6	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	87	345604	20.0	16.9	
103 Bromoform	173	9.127	9.127	0.000	94	70167	20.0	20.8	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	551347	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	180974	50.0	53.6	
107 Bromobenzene	156	9.572	9.572	0.000	93	121042	20.0	20.9	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	97	154906	20.0	17.4	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	691201	20.0	19.7	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	43813	20.0	18.7	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	88	59827	20.0	17.1	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	463523	20.0	19.3	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	537370	20.0	19.5	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	92	439360	20.0	19.4	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	435191	20.0	19.4	
117 Butyl Methacrylate	87	9.915	9.915	0.000	94	136848	20.0	16.0	
118 tert-Butylbenzene	119	10.087	10.087	0.000	91	370609	20.0	19.7	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	448027	20.0	19.5	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	542124	20.0	20.2	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	92	227001	20.0	21.1	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	97	444177	20.0	20.8	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	207686	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	90	225972	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	98	446382	20.0	19.4	
125 Benzyl chloride	91	10.613	10.613	0.000	97	321866	20.0	19.5	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	415195	20.0	19.4	
126 p-Diethylbenzene	119	10.715	10.715	0.000	92	220638	20.0	19.7	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	221768	20.0	18.2	
128 1,2-Dichlorobenzene	146	10.795	10.795	0.000	92	207225	20.0	20.0	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	326932	20.0	18.0	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	86	26188	20.0	17.8	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	95	136761	20.0	20.7	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	92	120461	20.0	19.6	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	91	50102	20.0	20.2	
134 Naphthalene	128	12.178	12.178	0.000	98	295121	20.0	17.3	

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	12.350	12.350	0.000	95	108575	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 137 Xylenes, Total	100				0		40.0	40.7	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	97.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2022 15:27:01 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26575.D

Injection Date: 16-Oct-2022 17:04:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

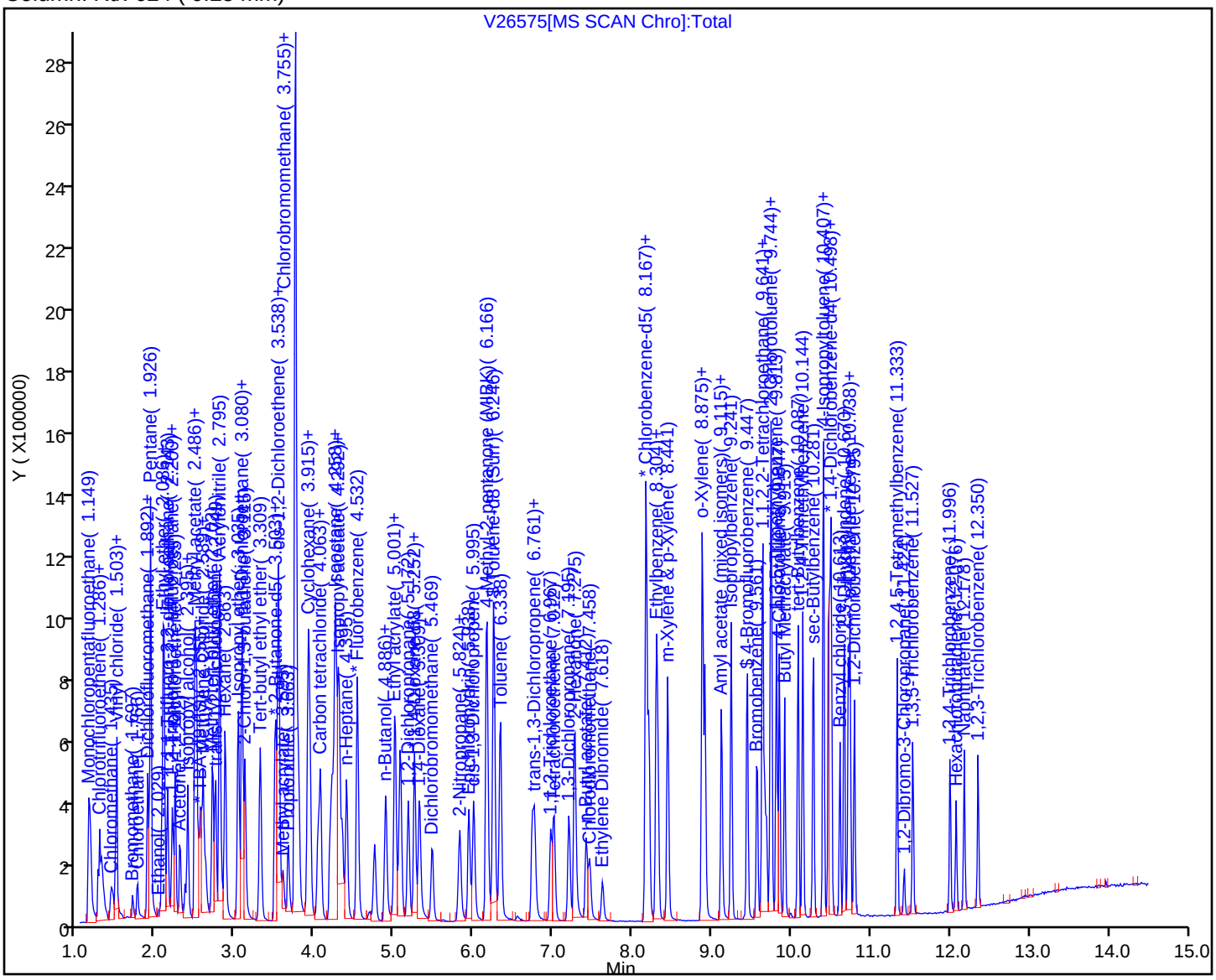
Client ID:

Operator ID: ALS Bottle#: 52 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)



Manual Integration/User Assign Peak Report

Eurofins Edison

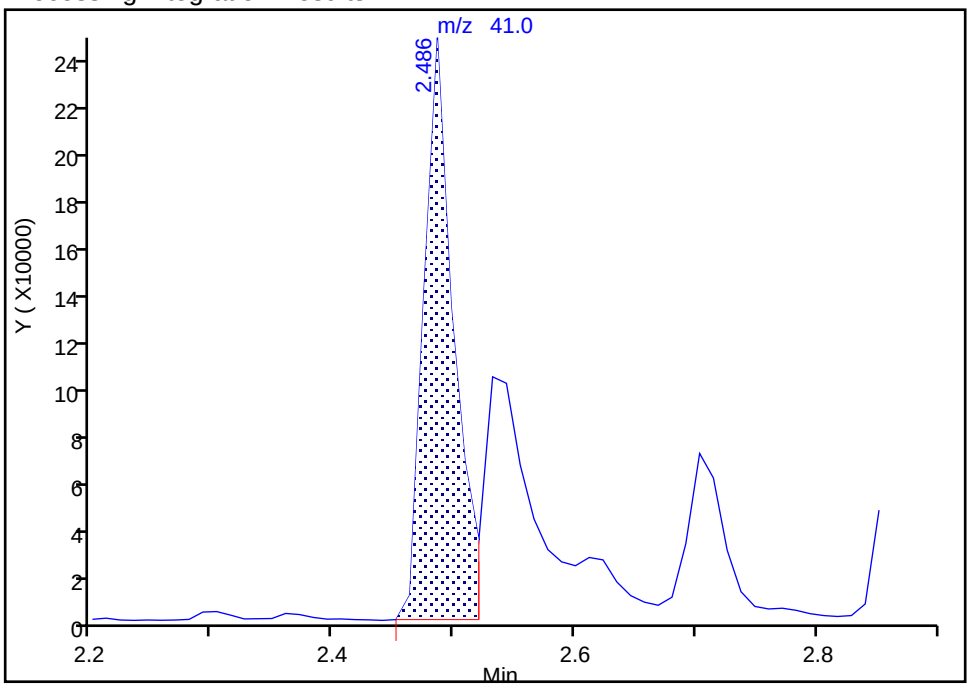
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Injection Date: 16-Oct-2022 17:04:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

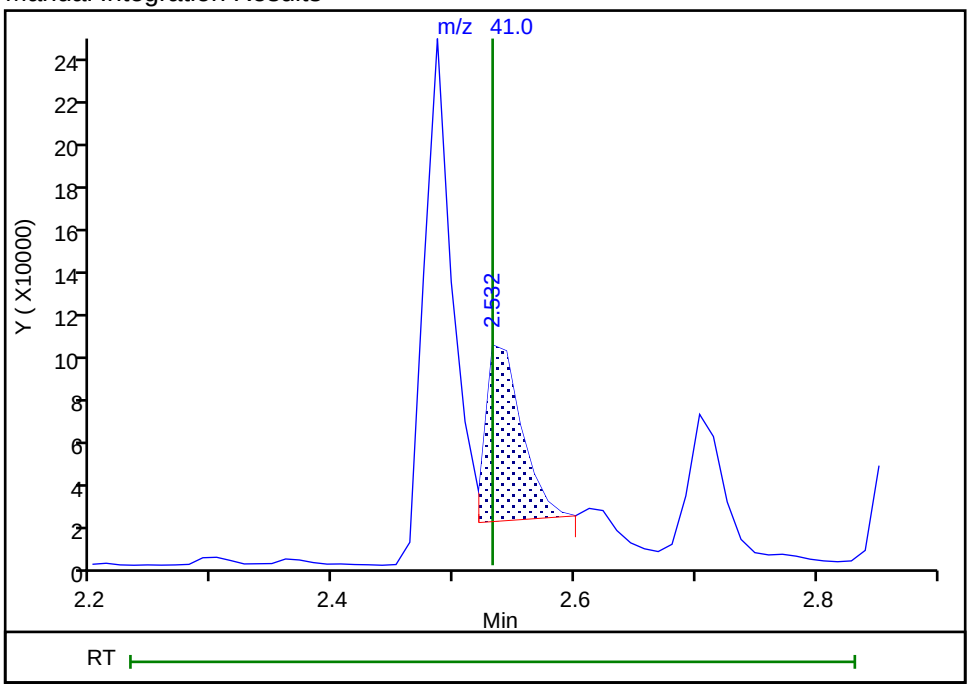
Processing Integration Results

RT: 2.49
Area: 422159
Amount: 470.0122
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 169596
Amount: 188.8203
Amount Units: ug/l



Reviewer: HVW2, 16-Oct-2022 18:29:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

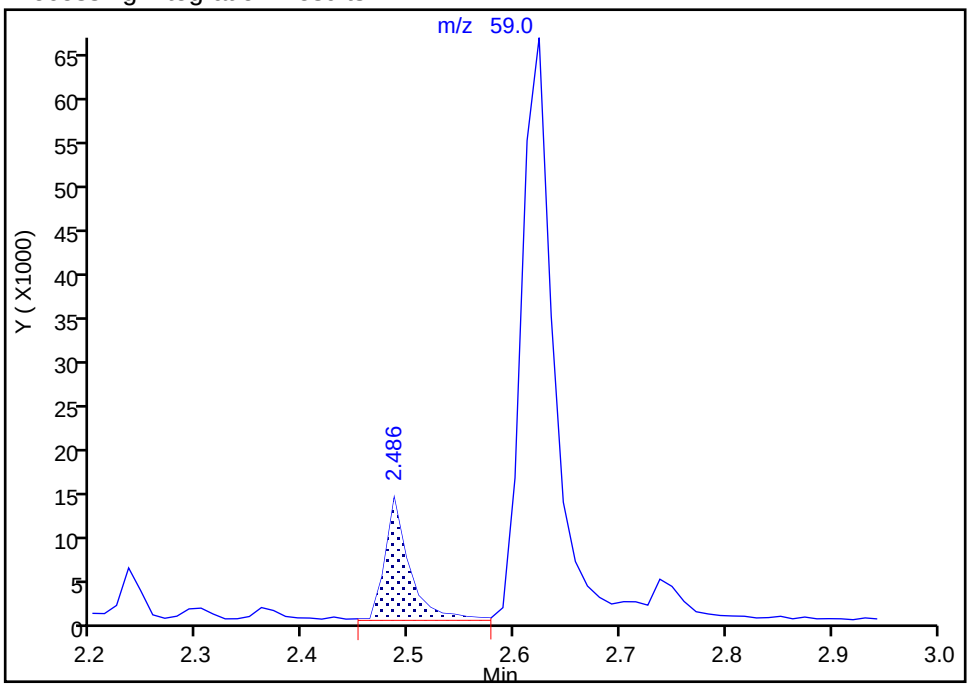
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Injection Date: 16-Oct-2022 17:04:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

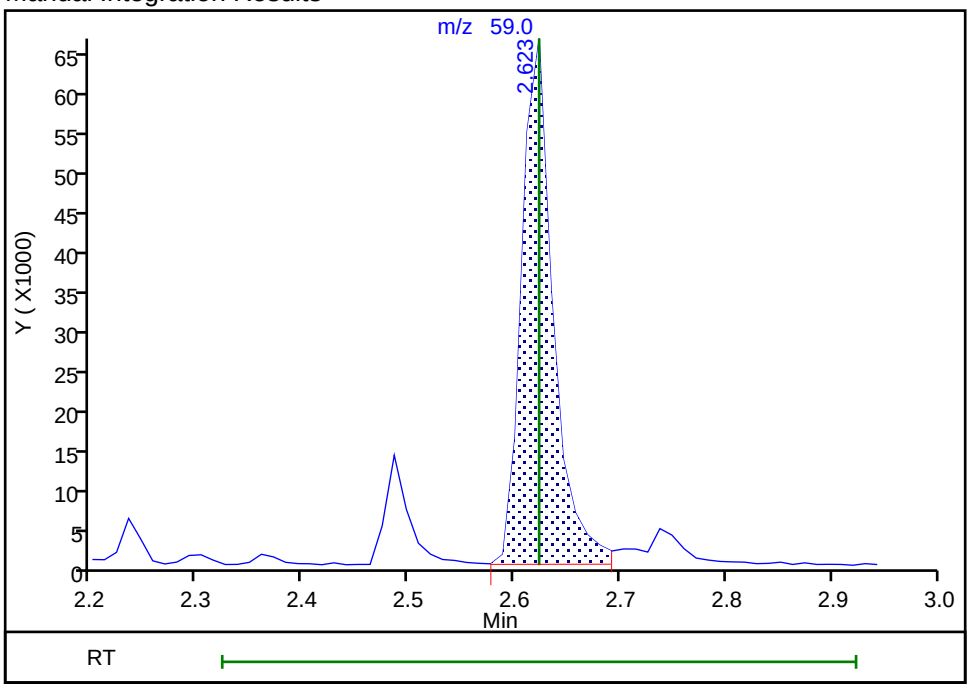
Processing Integration Results

RT: 2.49
Area: 22814
Amount: 29.869271
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 137384
Amount: 179.8703
Amount Units: ug/l



Reviewer: HVW2, 16-Oct-2022 18:30:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872367/2 Calibration Date: 10/17/2022 09:25

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26611.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	0.0412	0.0274		13.3	20.0	-33.5*	20.0
Chlorotrifluoroethene	Ave	0.1245	0.1303		20.9	20.0	4.6	20.0
1,1-Difluoroethane	Ave	0.3046	0.2562		16.8	20.0	-15.9	20.0
Dichlorodifluoromethane	Ave	0.5640	0.6139	0.1000	21.8	20.0	8.9	20.0
Chlorodifluoromethane	Ave	0.1027	0.1098		21.4	20.0	6.9	20.0
Chloromethane	Ave	0.9084	0.7636	0.1000	16.8	20.0	-15.9	20.0
Vinyl chloride	Ave	0.6380	0.6042	0.1000	18.9	20.0	-5.3	20.0
Butadiene	Ave	0.7608	0.6775		17.8	20.0	-11.0	20.0
Bromomethane	Ave	0.2208	0.1784	0.1000	16.2	20.0	-19.2	50.0
Chloroethane	Ave	0.4053	0.3362	0.1000	16.6	20.0	-17.1	50.0
Dichlorofluoromethane	Ave	0.9688	0.9412		19.4	20.0	-2.8	20.0
Trichlorofluoromethane	Ave	0.6330	0.7101	0.1000	22.4	20.0	12.2	20.0
Pentane	Ave	0.1111	0.1187		42.8	40.0	6.9	20.0
Ethanol	QuaF		0.7487		949	800	18.6	50.0
Ethyl ether	Ave	0.3446	0.3199		18.6	20.0	-7.2	20.0
2-Methyl-1,3-butadiene	Ave	0.6716	0.6294		18.7	20.0	-6.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3496	0.3606		20.6	20.0	3.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6592	0.6959		21.1	20.0	5.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3955	0.4634	0.1000	23.4	20.0	17.2	20.0
Acrolein	Ave	0.1037	0.0664		25.6	40.0	-36.0	50.0
1,1-Dichloroethene	Ave	0.3971	0.4106	0.1000	20.7	20.0	3.4	20.0
Acetone	QuaF		1.401	0.0500	142	100	41.8	50.0
Iodomethane	QuaF		0.1850		12.0	20.0	-40.2*	20.0
Isopropyl alcohol	Ave	8.866	8.257		186	200	-6.9	50.0
Carbon disulfide	Ave	1.555	1.581	0.1000	20.3	20.0	1.7	50.0
3-Chloro-1-propene	Ave	0.3629	0.3407		18.8	20.0	-6.1	20.0
Methyl acetate	Ave	0.6396	0.5478	0.1000	34.3	40.0	-14.3	20.0
Cyclopentene	Ave	1.542	1.502		19.5	20.0	-2.5	20.0
Acetonitrile	Ave	0.4283	0.4021		188	200	-6.1	20.0
Methylene Chloride	Ave	0.4696	0.4718	0.1000	20.1	20.0	0.5	20.0
2-Methyl-2-propanol	Ave	15.58	17.81		229	200	14.3	50.0
Methyl tert-butyl ether	Ave	1.608	1.565	0.1000	19.5	20.0	-2.7	20.0
trans-1,2-Dichloroethene	Ave	0.4609	0.4777	0.1000	20.7	20.0	3.7	20.0
Acrylonitrile	Ave	0.2847	0.2602		183	200	-8.6	20.0
Hexane	Ave	0.9370	0.9709		20.7	20.0	3.6	20.0
Isopropyl ether	Ave	2.507	2.254		18.0	20.0	-10.1	20.0
1,1-Dichloroethane	Ave	1.108	1.114	0.2000	20.1	20.0	0.6	20.0
Vinyl acetate	Ave	0.6226	0.8134		52.3	40.0	30.6*	20.0
2-Chloro-1,3-butadiene	Ave	0.4298	0.4434		20.6	20.0	3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872367/2 Calibration Date: 10/17/2022 09:25

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26611.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	1.909	1.796		18.8	20.0	-5.9	20.0
2,2-Dichloropropane	Lin2		0.1707		22.0	20.0	9.8	20.0
2-Butanone (MEK)	Ave	0.4165	0.4439	0.0500	107	100	6.6	50.0
cis-1,2-Dichloroethene	Ave	0.4786	0.4972	0.1000	20.8	20.0	3.9	20.0
Ethyl acetate	Ave	0.3982	0.4856		48.8	40.0	22.0*	20.0
Methyl acrylate	Ave	0.5918	0.5043		17.0	20.0	-14.8	20.0
Propionitrile	Ave	0.1039	0.0841		162	200	-19.1	20.0
Chlorobromomethane	Ave	0.1783	0.2117		23.7	20.0	18.7	20.0
Tetrahydrofuran	Ave	0.0839	0.0672		32.0	40.0	-19.9	20.0
Methacrylonitrile	Ave	0.2700	0.2444		181	200	-9.5	20.0
Chloroform	Ave	0.8470	0.8649	0.2000	20.4	20.0	2.1	20.0
1,1,1-Trichloroethane	Ave	0.7055	0.7584	0.1000	21.5	20.0	7.5	20.0
Cyclohexane	Ave	0.7834	0.8006	0.1000	20.4	20.0	2.2	50.0
Carbon tetrachloride	Ave	0.5599	0.6487	0.1000	23.2	20.0	15.9	20.0
1,1-Dichloropropene	Ave	0.7531	0.7636		20.3	20.0	1.4	20.0
Isobutyl alcohol	QuaF		13.52		462	500	-7.7	20.0
Isooctane	Ave	1.890	1.776		18.8	20.0	-6.0	20.0
Benzene	Ave	3.621	3.363	0.5000	18.6	20.0	-7.1	20.0
Isopropyl acetate	Ave	0.4552	0.4381		19.3	20.0	-3.7	20.0
Tert-amyl methyl ether	Ave	1.669	1.588		19.0	20.0	-4.9	20.0
1,2-Dichloroethane	Ave	0.7481	0.7640	0.1000	20.4	20.0	2.1	20.0
n-Heptane	Ave	0.4230	0.4222		20.0	20.0	-0.2	20.0
n-Butanol	Ave	2.908	1.659		285	500	-42.9	50.0
Trichloroethene	Ave	0.4681	0.4913	0.2000	21.0	20.0	5.0	20.0
Methylcyclohexane	Ave	0.8186	0.8342	0.1000	20.4	20.0	1.9	50.0
Ethyl acrylate	QuaF		0.0691		19.8	20.0	-1.2	20.0
1,2-Dichloropropane	Ave	0.6465	0.5907	0.1000	18.3	20.0	-8.6	20.0
Methyl methacrylate	Ave	0.1269	0.1188		37.4	40.0	-6.4	20.0
1,4-Dioxane	Ave	2.434	1.993		327	400	-18.1	50.0
Dibromomethane	Ave	0.2845	0.2778		19.5	20.0	-2.4	20.0
n-Propyl acetate	Ave	1.221	0.9922		16.2	20.0	-18.8	20.0
Bromodichloromethane	Ave	0.6341	0.6306	0.2000	19.9	20.0	-0.6	20.0
2-Nitropropane	Ave	0.2306	0.1855		32.2	40.0	-19.6	20.0
2-Chloroethyl vinyl ether	Ave	0.3820	0.3424		18.0	20.0	-10.4	20.0
Epichlorohydrin	Ave	0.3792	0.4551		480	400	20.0	20.0
cis-1,3-Dichloropropene	Ave	1.422	1.358	0.2000	19.1	20.0	-4.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	4.340	5.105	0.0500	118	100	17.6	50.0
Toluene	Ave	3.391	3.125	0.4000	18.4	20.0	-7.8	20.0
trans-1,3-Dichloropropene	Ave	1.298	1.218	0.1000	18.8	20.0	-6.2	50.0
Ethyl methacrylate	Ave	1.064	0.9083		17.1	20.0	-14.6	20.0
1,1,2-Trichloroethane	Ave	0.6172	0.5782	0.1000	18.7	20.0	-6.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872367/2 Calibration Date: 10/17/2022 09:25

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26611.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	0.5957	0.6456	0.2000	21.7	20.0	8.4	20.0
1,3-Dichloropropane	Ave	1.336	1.209		18.1	20.0	-9.5	20.0
2-Hexanone	Lin2		3.086	0.0500	108	100	7.7	50.0
n-Butyl acetate	Ave	2.121	1.615		15.2	20.0	-23.9*	20.0
Dibromochloromethane	Ave	0.6134	0.6073	0.1000	19.8	20.0	-1.0	50.0
Ethylene Dibromide	Ave	0.6133	0.5825	0.1000	19.0	20.0	-5.0	20.0
Chlorobenzene	Ave	1.836	1.802	0.5000	19.6	20.0	-1.8	20.0
Ethylbenzene	Ave	1.021	0.9940	0.1000	19.5	20.0	-2.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5836	0.6143		21.0	20.0	5.2	20.0
m-Xylene & p-Xylene	Ave	1.234	1.223	0.1000	19.8	20.0	-0.9	20.0
o-Xylene	Ave	1.184	1.165	0.3000	19.7	20.0	-1.6	20.0
n-Butyl acrylate	Lin2		0.5099		15.8	20.0	-21.0*	20.0
Styrene	Ave	1.873	1.867	0.3000	19.9	20.0	-0.3	20.0
Amyl acetate (mixed isomers)	Ave	4.937	3.510		14.2	20.0	-28.9*	20.0
Bromoform	Ave	0.3784	0.3787	0.1000	20.0	20.0	0.0	20.0
Isopropylbenzene	Ave	3.012	2.987	0.1000	19.8	20.0	-0.8	20.0
Bromobenzene	Ave	1.395	1.351		19.4	20.0	-3.1	20.0
1,1,2,2-Tetrachloroethane	Ave	2.137	1.655	0.3000	15.5	20.0	-22.6*	20.0
N-Propylbenzene	Ave	8.458	7.810		18.5	20.0	-7.7	20.0
1,2,3-Trichloropropane	Ave	0.5654	0.4684		16.6	20.0	-17.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.8402	0.6497		15.5	20.0	-22.7*	20.0
2-Chlorotoluene	Ave	5.777	5.240		18.1	20.0	-9.3	20.0
4-Ethyltoluene	Ave	6.640	6.115		18.4	20.0	-7.9	20.0
1,3,5-Trimethylbenzene	Ave	5.462	4.971		18.2	20.0	-9.0	20.0
4-Chlorotoluene	Ave	5.410	4.942		18.3	20.0	-8.7	20.0
Butyl Methacrylate	Lin2		1.555		15.1	20.0	-24.3*	20.0
tert-Butylbenzene	Ave	4.540	4.054		17.9	20.0	-10.7	20.0
1,2,4-Trimethylbenzene	Ave	5.518	4.938		17.9	20.0	-10.5	20.0
sec-Butylbenzene	Ave	6.452	6.075		18.8	20.0	-5.8	20.0
1,3-Dichlorobenzene	Ave	2.588	2.475	0.6000	19.1	20.0	-4.4	20.0
4-Isopropyltoluene	Ave	5.136	5.070		19.7	20.0	-1.3	20.0
1,4-Dichlorobenzene	Ave	2.710	2.623	0.5000	19.4	20.0	-3.2	20.0
1,2,3-Trimethylbenzene	Ave	5.554	5.014		18.1	20.0	-9.7	20.0
Benzyl chloride	Ave	3.982	3.373		16.9	20.0	-15.3	50.0
Indan	Ave	5.150	4.725		18.3	20.0	-8.3	20.0
p-Diethylbenzene	Ave	2.692	2.416		17.9	20.0	-10.3	20.0
n-Butylbenzene	Ave	2.932	2.541		17.3	20.0	-13.3	20.0
1,2-Dichlorobenzene	Ave	2.490	2.422	0.4000	19.4	20.0	-2.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.376	3.729		17.0	20.0	-14.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3546	0.2689	0.0500	15.2	20.0	-24.2	50.0
1,3,5-Trichlorobenzene	Ave	1.593	1.502		18.9	20.0	-5.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872367/2 Calibration Date: 10/17/2022 09:25

Instrument ID: CVOAMS7 Calib Start Date: 10/01/2022 15:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/01/2022 18:20

Lab File ID: V26611.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	1.483	1.359	0.2000	18.3	20.0	-8.3	20.0
Hexachlorobutadiene	Ave	0.5968	0.5429		18.2	20.0	-9.0	20.0
Naphthalene	Ave	4.118	3.178		15.4	20.0	-22.8	50.0
1,2,3-Trichlorobenzene	Ave	1.252	1.198		19.1	20.0	-4.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2332	0.2661		57.1	50.0	14.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3752	0.3950		52.6	50.0	5.3	20.0
Toluene-d8 (Surr)	Ave	1.899	1.822		48.0	50.0	-4.1	20.0
Bromofluorobenzene	Ave	0.3794	0.4384		57.8	50.0	15.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26611.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2022 09:25:30 ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151847-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 20:58:24 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: K0HS Date: 17-Oct-2022 09:50:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	77	7414	20.0	13.3	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	97	35296	20.0	20.9	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	89	69421	20.0	16.8	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	166339	20.0	21.8	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	97	29763	20.0	21.4	
6 Chloromethane	50	1.435	1.435	0.000	100	206897	20.0	16.8	
7 Vinyl chloride	62	1.480	1.480	0.000	99	163703	20.0	18.9	
8 Butadiene	54	1.492	1.492	0.000	92	183568	20.0	17.8	
9 Bromomethane	94	1.698	1.698	0.000	96	48341	20.0	16.2	
10 Chloroethane	64	1.755	1.755	0.000	99	91094	20.0	16.6	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	98	255020	20.0	19.4	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	97	192410	20.0	22.4	
13 Pentane	72	1.926	1.926	0.000	97	64328	40.0	42.8	
17 Ethanol	46	2.029	2.029	0.000	95	20749	800.0	948.6	
14 Ethyl ether	74	2.063	2.063	0.000	93	86687	20.0	18.6	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	97	170528	20.0	18.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	91	97708	20.0	20.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	188551	20.0	21.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.200	0.000	95	125551	20.0	23.4	
52 Acrolein	56	2.212	2.212	0.000	97	35961	40.0	25.6	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	92	111246	20.0	20.7	
23 Acetone	43	2.292	2.292	0.000	85	242618	100.0	141.8	M
24 Isopropyl alcohol	45	2.360	2.360	0.000	75	57206	200.0	186.3	a
21 Iodomethane	142	2.360	2.360	0.000	100	50112	20.0	12.0	
22 Carbon disulfide	76	2.395	2.395	0.000	100	428483	20.0	20.3	
30 Methyl acetate	43	2.486	2.486	0.000	95	296867	40.0	34.3	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	90	92320	20.0	18.8	
25 Cyclopentene	67	2.509	2.509	0.000	95	407058	20.0	19.5	
27 Acetonitrile	41	2.532	2.532	0.000	97	139292	200.0	187.8	a
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	97	34640	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	2.589	2.589	0.000	95	127840	20.0	20.1	
31 2-Methyl-2-propanol	59	2.612	2.612	0.000	96	123358	200.0	228.5	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	423959	20.0	19.5	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	96	129441	20.0	20.7	
35 Acrylonitrile	53	2.795	2.795	0.000	93	705111	200.0	182.8	
36 Hexane	57	2.863	2.863	0.000	95	263047	20.0	20.7	
37 Isopropyl ether	45	3.035	3.035	0.000	96	610697	20.0	18.0	
38 1,1-Dichloroethane	63	3.081	3.081	0.000	60	301812	20.0	20.1	
40 Vinyl acetate	86	3.081	3.081	0.000	100	56350	40.0	52.3	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	94	120138	20.0	20.6	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	486636	20.0	18.8	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	95	432962	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	95	46259	20.0	22.0	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	50	134712	20.0	20.8	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	76869	100.0	106.6	
47 Ethyl acetate	70	3.538	3.538	0.000	91	33642	40.0	48.8	
46 Methyl acrylate	55	3.595	3.595	0.000	99	136645	20.0	17.0	
48 Propionitrile	54	3.663	3.663	0.000	98	227796	200.0	161.8	
50 Tetrahydrofuran	72	3.743	3.743	0.000	60	36424	40.0	32.0	
49 Chlorobromomethane	128	3.743	3.743	0.000	92	57360	20.0	23.7	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	662112	200.0	181.0	
51 Chloroform	83	3.789	3.789	0.000	96	234342	20.0	20.4	
53 Cyclohexane	84	3.915	3.915	0.000	98	216918	20.0	20.4	
55 1,1,1-Trichloroethane	97	3.915	3.915	0.000	96	205485	20.0	21.5	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	180255	50.0	57.1	
57 Carbon tetrachloride	117	4.041	4.041	0.000	96	175772	20.0	23.2	
58 1,1-Dichloropropene	75	4.063	4.063	0.000	90	206894	20.0	20.3	
61 Isobutyl alcohol	43	4.201	4.201	0.000	88	234153	500.0	461.5	
64 Isooctane	57	4.212	4.212	0.000	98	481271	20.0	18.8	
59 Benzene	78	4.246	4.246	0.000	98	595359	20.0	18.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	98	267576	50.0	52.6	
66 Isopropyl acetate	87	4.303	4.303	0.000	96	118710	20.0	19.3	
62 Tert-amyl methyl ether	73	4.303	4.303	0.000	90	430318	20.0	19.0	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	96	207011	20.0	20.4	
65 n-Heptane	57	4.395	4.395	0.000	98	114400	20.0	20.0	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	677360	50.0	50.0	
70 n-Butanol	56	4.886	4.886	0.000	30	28740	500.0	285.3	a
69 Trichloroethene	95	4.886	4.886	0.000	93	133121	20.0	21.0	
72 Methylcyclohexane	83	5.001	5.001	0.000	79	226014	20.0	20.4	
71 Ethyl acrylate	99	5.012	5.012	0.000	94	18724	20.0	19.8	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	86	160051	20.0	18.3	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	44	18256	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	64360	40.0	37.4	
78 1,4-Dioxane	88	5.298	5.298	0.000	28	14554	400.0	327.5	
77 n-Propyl acetate	43	5.309	5.309	0.000	97	268830	20.0	16.2	
75 Dibromomethane	93	5.309	5.309	0.000	46	75278	20.0	19.5	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	170849	20.0	19.9	
34 2-Nitropropane	41	5.812	5.812	0.000	88	100531	40.0	32.2	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	85	92992	20.0	18.0	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	315251	400.0	480.1	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	98	240484	20.0	19.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	99	884102	100.0	117.6	

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	6.247	6.247	0.000	97	806304	50.0	48.0	
83 Toluene	91	6.338	6.338	0.000	92	553289	20.0	18.4	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	215597	20.0	18.8	
86 Ethyl methacrylate	69	6.761	6.761	0.000	94	160823	20.0	17.1	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.000	91	102372	20.0	18.7	
88 Tetrachloroethene	166	7.012	7.012	0.000	93	114299	20.0	21.7	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	95	214024	20.0	18.1	
91 2-Hexanone	43	7.275	7.275	0.000	98	534433	100.0	107.7	
92 n-Butyl acetate	43	7.412	7.412	0.000	96	285908	20.0	15.2	
90 Chlorodibromomethane	129	7.458	7.458	0.000	97	107518	20.0	19.8	
93 Ethylene Dibromide	107	7.618	7.618	0.000	97	103135	20.0	19.0	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	93	442632	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	90	319068	20.0	19.6	
97 Ethylbenzene	106	8.304	8.304	0.000	99	175994	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	91	108756	20.0	21.0	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	216486	20.0	19.8	
100 o-Xylene	106	8.875	8.875	0.000	92	206334	20.0	19.7	
99 n-Butyl acrylate	73	8.887	8.887	0.000	94	90277	20.0	15.8	
101 Styrene	104	8.910	8.910	0.000	92	330484	20.0	19.9	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	88	303585	20.0	14.2	
103 Bromoform	173	9.127	9.127	0.000	93	67051	20.0	20.0	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	528934	20.0	19.8	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	194069	50.0	57.8	
107 Bromobenzene	156	9.573	9.573	0.000	94	116909	20.0	19.4	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	143170	20.0	15.5	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	675596	20.0	18.5	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	40521	20.0	16.6	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	88	56198	20.0	15.5	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	453311	20.0	18.1	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	528941	20.0	18.4	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	92	430050	20.0	18.2	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	427497	20.0	18.3	
117 Butyl Methacrylate	87	9.915	9.915	0.000	93	134501	20.0	15.1	
118 tert-Butylbenzene	119	10.087	10.087	0.000	91	350715	20.0	17.9	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	427153	20.0	17.9	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	525548	20.0	18.8	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	75	214077	20.0	19.1	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	97	438599	20.0	19.7	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	216259	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	91	226873	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	99	433771	20.0	18.1	
125 Benzyl chloride	91	10.613	10.613	0.000	97	291783	20.0	16.9	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	408687	20.0	18.3	
126 p-Diethylbenzene	119	10.716	10.716	0.000	90	208958	20.0	17.9	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	219790	20.0	17.3	
128 1,2-Dichlorobenzene	146	10.796	10.796	0.000	93	209491	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	322586	20.0	17.0	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	87	23257	20.0	15.2	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	95	129911	20.0	18.9	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	93	117575	20.0	18.3	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	90	46967	20.0	18.2	
134 Naphthalene	128	12.179	12.179	0.000	98	274887	20.0	15.4	

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	12.350	12.350	0.000	94	103636	20.0	19.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.5	
S 137 Xylenes, Total	100				0		40.0	39.5	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.9	
S 139 Total BTEX	1				0		100.0	96.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2022 20:58:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26611.D

Injection Date: 17-Oct-2022 09:25:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

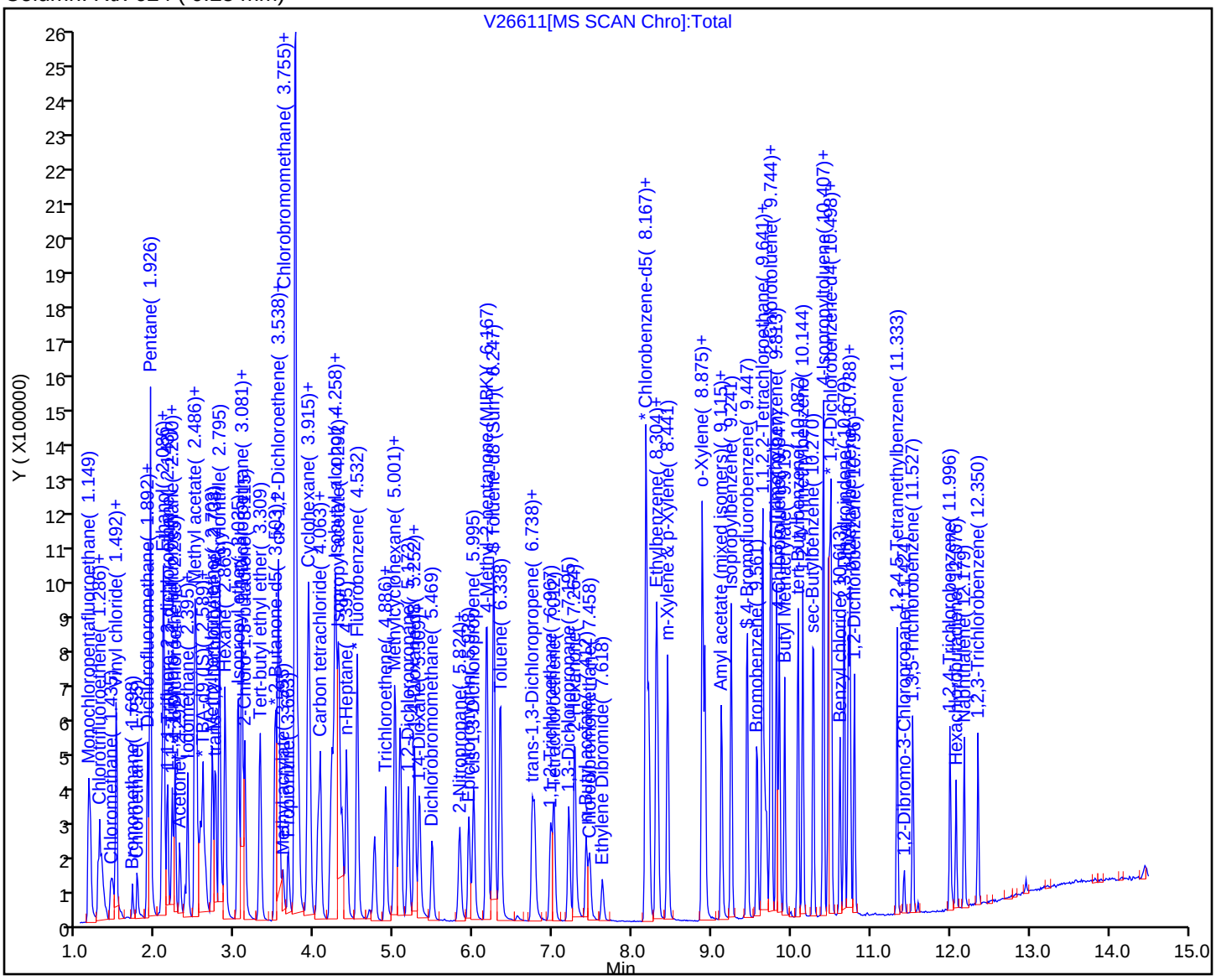
Client ID:

Operator ID: ALS Bottle#: 51 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)



Manual Integration/User Assign Peak Report

Eurofins Edison

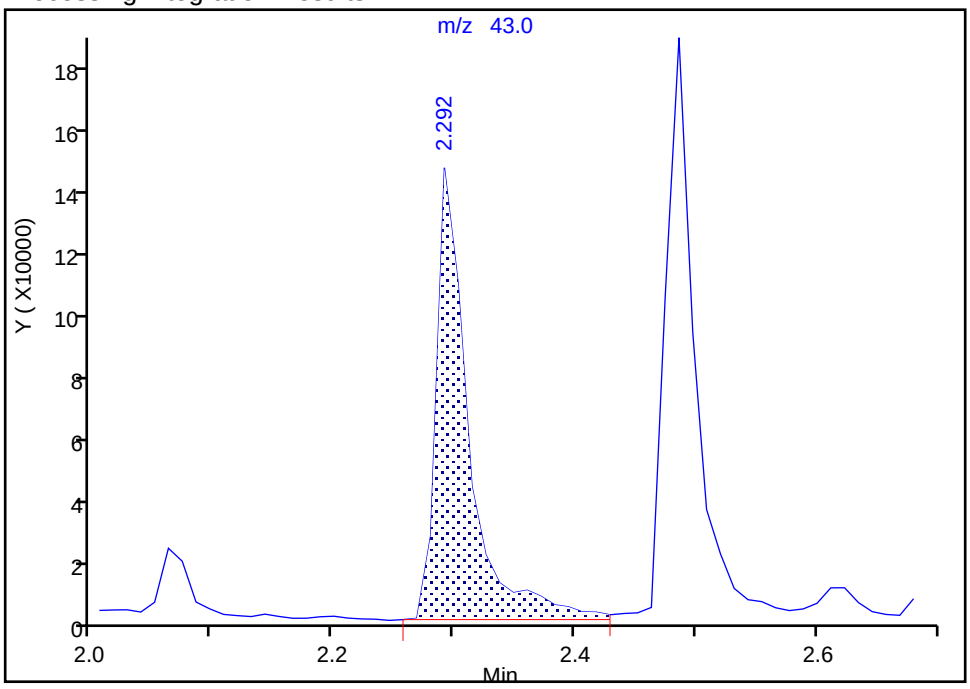
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Injection Date: 17-Oct-2022 09:25:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

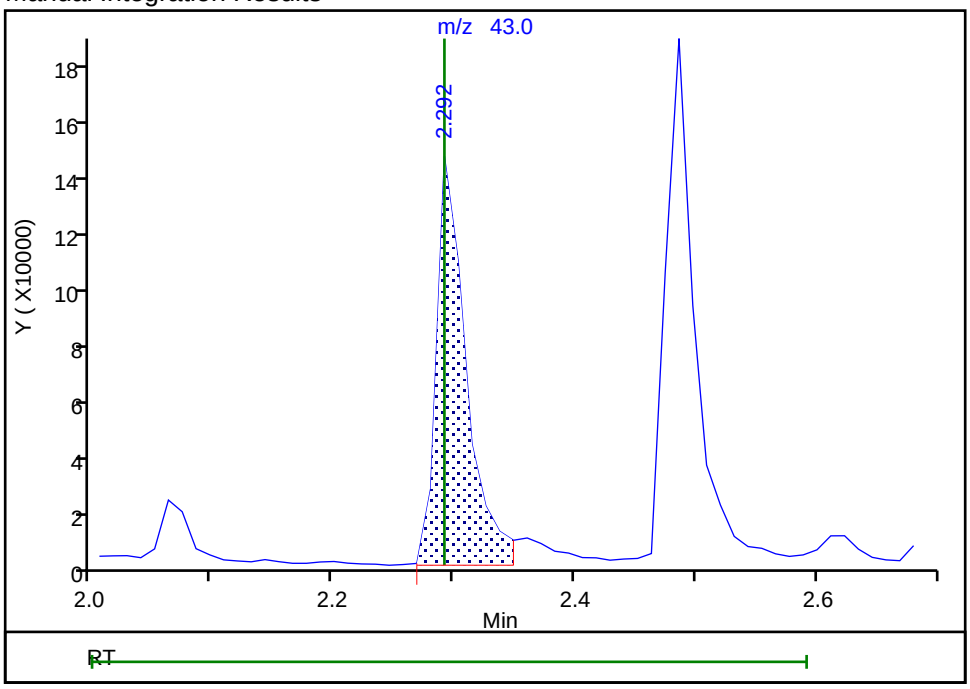
Processing Integration Results

RT: 2.29
Area: 262642
Amount: 153.3133
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 242618
Amount: 141.7788
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:50:52
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

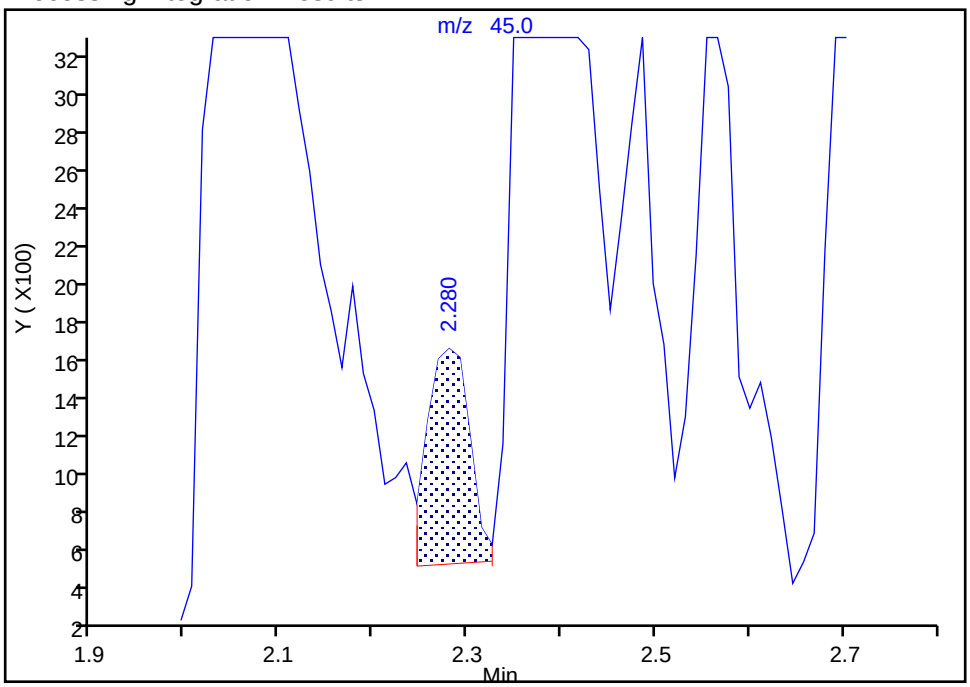
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Injection Date: 17-Oct-2022 09:25:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

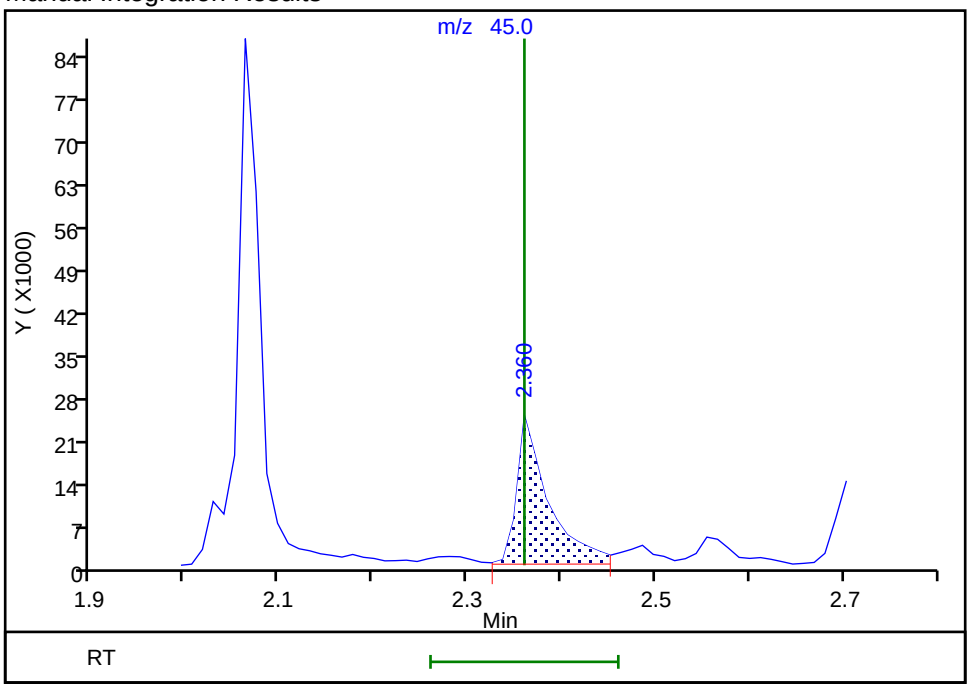
Processing Integration Results

RT: 2.28
Area: 3650
Amount: 11.884374
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 57206
Amount: 186.2623
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:48:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

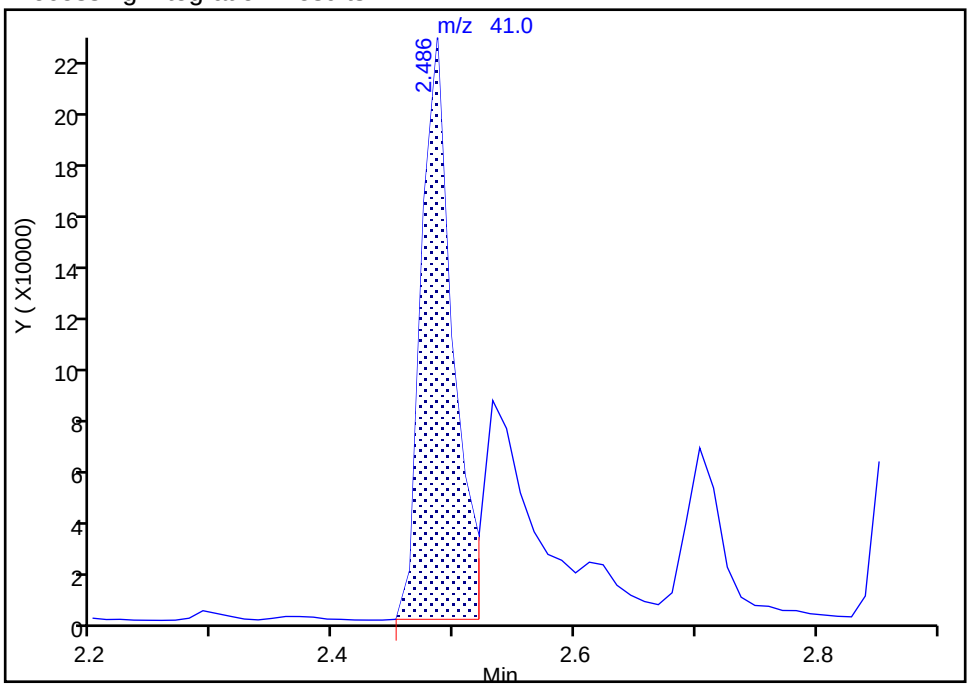
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Injection Date: 17-Oct-2022 09:25:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

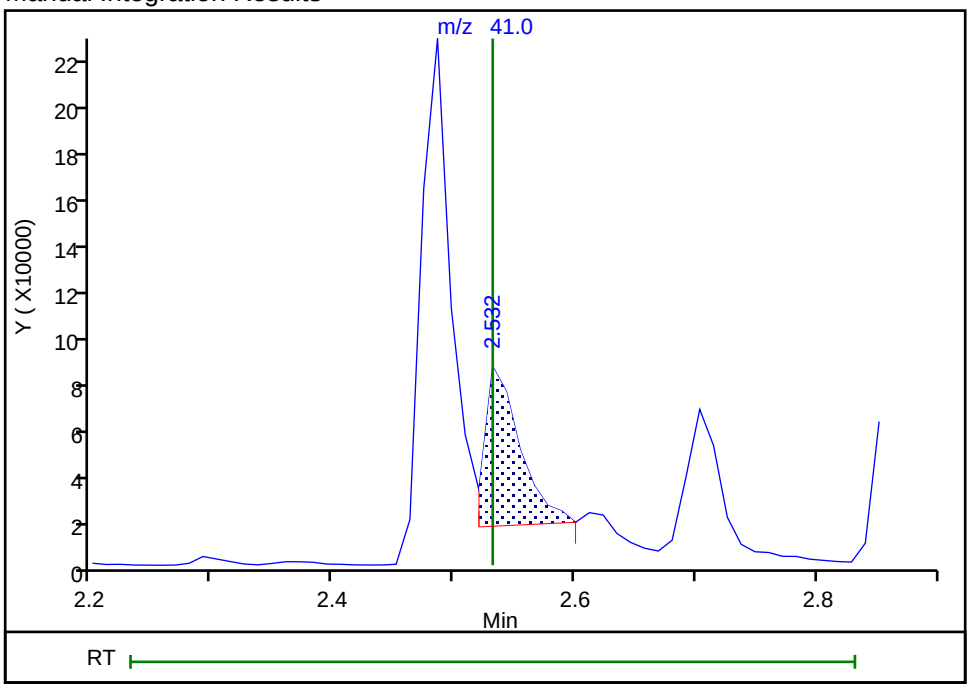
Processing Integration Results

RT: 2.49
Area: 412317
Amount: 555.9300
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 139292
Amount: 187.8084
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:49:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

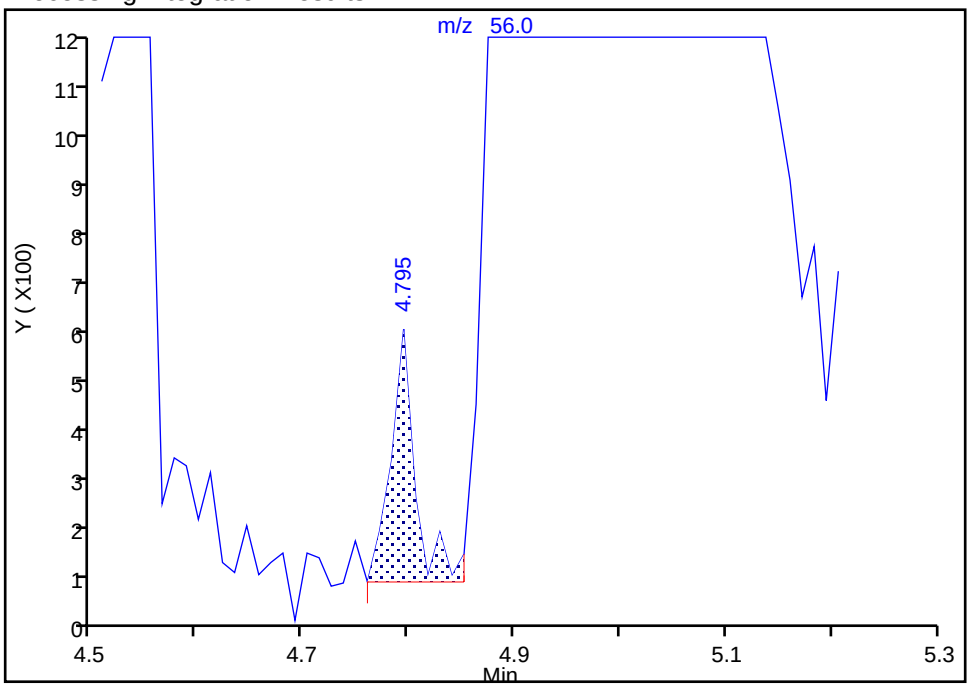
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Injection Date: 17-Oct-2022 09:25:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Signal: 1

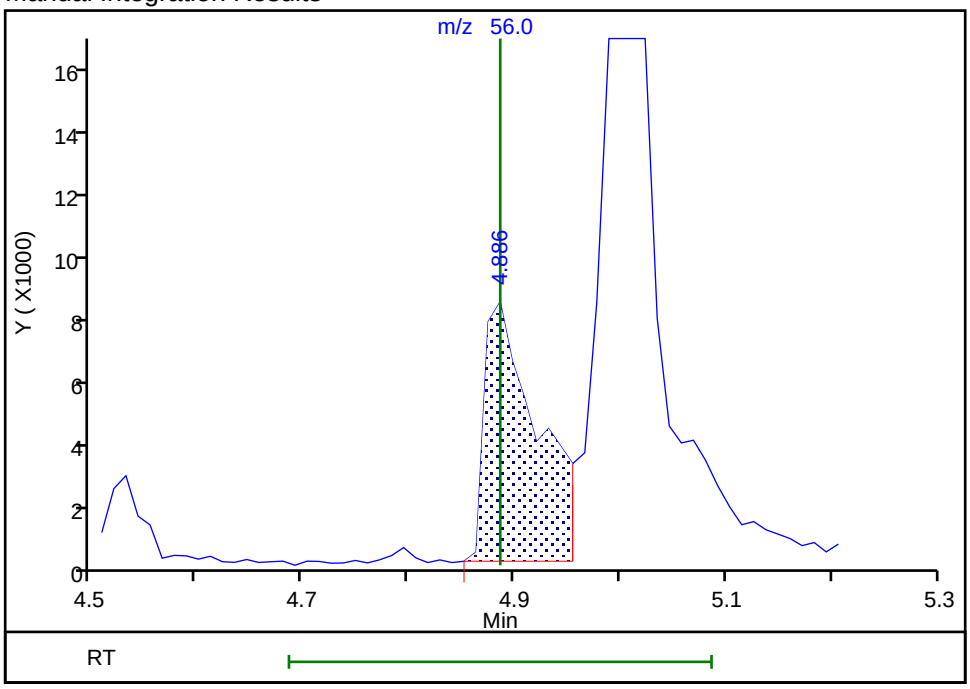
Processing Integration Results

RT: 4.79
Area: 780
Amount: 7.742601
Amount Units: ug/l



Manual Integration Results

RT: 4.89
Area: 28740
Amount: 285.2851
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:49:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-870018/14 Calibration Date: 10/04/2022 16:57

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K38873.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2098	0.1227		11.7	20.0	-41.5*	30.0
Dichlorodifluoromethane	Ave	0.5993	0.6237	0.1000	20.8	20.0	4.1	30.0
Chlorodifluoromethane	QuaF		0.0868		21.4	20.0	7.0	30.0
Chloromethane	Ave	0.5558	0.5639	0.1000	20.3	20.0	1.5	30.0
Butadiene	Ave	0.3459	0.3497		20.2	20.0	1.1	30.0
Vinyl chloride	Ave	0.4020	0.4802	0.1000	23.9	20.0	19.5	30.0
Bromomethane	Ave	0.3879	0.4418	0.1000	22.8	20.0	13.9	30.0
Chloroethane	Ave	0.2658	0.2612	0.1000	19.7	20.0	-1.7	30.0
Dichlorofluoromethane	Ave	0.7331	0.7867		21.5	20.0	7.3	30.0
Trichlorofluoromethane	Ave	0.6141	0.7144	0.1000	23.3	20.0	16.3	30.0
Pentane	Ave	2.764	2.714		39.3	40.0	-1.8	30.0
Ethanol	Ave	0.0532	0.0561		843	800	5.4	30.0
Ethyl ether	Ave	0.2307	0.2331		20.2	20.0	1.1	30.0
2-Methyl-1,3-butadiene	Ave	0.2595	0.3496		26.9	20.0	34.7*	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3469	0.3801		21.9	20.0	9.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5385	0.5690		21.1	20.0	5.7	30.0
Acrolein	Ave	1.720	1.447		253	300	-15.9	30.0
1,1-Dichloroethene	Ave	0.2725	0.2984	0.1000	21.9	20.0	9.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3377	0.3524	0.1000	20.9	20.0	4.4	30.0
Acetone	Lin2		1.065	0.0500	97.8	100	-2.2	30.0
Iodomethane	Ave	0.5459	0.5541		20.3	20.0	1.5	30.0
Carbon disulfide	Ave	0.9477	0.9836	0.1000	20.8	20.0	3.8	30.0
3-Chloro-1-propene	Ave	0.3535	0.3547		20.1	20.0	0.3	30.0
Isopropyl alcohol	Ave	0.3952	0.5115		259	200	29.4	30.0
Methyl acetate	Ave	5.974	5.518	0.1000	36.9	40.0	-7.6	30.0
Acetonitrile	Ave	0.8588	0.8737		203	200	1.7	30.0
Cyclopentene	Ave	0.6826	0.7473		21.9	20.0	9.5	30.0
Methylene Chloride	Ave	0.3510	0.3391	0.1000	19.3	20.0	-3.4	30.0
2-Methyl-2-propanol	Ave	1.316	1.528		232	200	16.1	30.0
Acrylonitrile	Ave	0.0935	0.0977		209	200	4.5	30.0
trans-1,2-Dichloroethene	Ave	0.3069	0.3186	0.1000	20.8	20.0	3.8	30.0
Methyl tert-butyl ether	Ave	0.8487	0.8890	0.1000	20.9	20.0	4.7	30.0
Hexane	Ave	0.2190	0.2148		19.6	20.0	-1.9	30.0
1,1-Dichloroethane	Ave	0.4923	0.5092	0.2000	20.7	20.0	3.4	30.0
Vinyl acetate	Ave	1.592	1.288		32.4	40.0	-19.1	30.0
2-Chloro-1,3-butadiene	Ave	0.2735	0.2966		21.7	20.0	8.4	30.0
Isopropyl ether	Ave	0.8120	0.8320		20.5	20.0	2.5	30.0
Tert-butyl ethyl ether	Ave	0.3736	0.4124		22.1	20.0	10.4	30.0
cis-1,2-Dichloroethene	Ave	0.3391	0.3620	0.1000	21.3	20.0	6.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-870018/14 Calibration Date: 10/04/2022 16:57

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K38873.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1530	0.1513		19.8	20.0	-1.1	30.0
2-Butanone (MEK)	Lin2		0.4403	0.0500	107	100	6.5	30.0
Methyl acrylate	Ave	0.2198	0.2653		24.1	20.0	20.7	30.0
Propionitrile	Ave	1.667	1.491		179	200	-10.6	30.0
Ethyl acetate	Ave	0.2883	0.3594		49.9	40.0	24.7	30.0
Chlorobromomethane	Ave	0.1679	0.1726		20.6	20.0	2.8	30.0
Methacrylonitrile	Ave	0.1037	0.1122		216	200	8.2	30.0
Tetrahydrofuran	Ave	0.5531	0.5351		38.7	40.0	-3.2	30.0
Chloroform	Ave	0.5210	0.5592	0.2000	21.5	20.0	7.3	30.0
1,1,1-Trichloroethane	Ave	0.4280	0.4729	0.1000	22.1	20.0	10.5	30.0
Cyclohexane	Ave	0.5131	0.5277	0.1000	20.6	20.0	2.8	30.0
1,1-Dichloropropene	Ave	0.3779	0.3996		21.1	20.0	5.7	30.0
Carbon tetrachloride	Ave	0.2633	0.3170	0.1000	24.1	20.0	20.4	30.0
Benzene	Ave	1.772	1.876	0.5000	21.2	20.0	5.8	30.0
Isobutyl alcohol	Ave	0.1518	0.1228		405	500	-19.1	30.0
1,2-Dichloroethane	Ave	0.3668	0.3663	0.1000	20.0	20.0	-0.1	30.0
Isooctane	Ave	1.089	1.144		21.0	20.0	5.1	30.0
Isopropyl acetate	Ave	0.0903	0.0910		20.1	20.0	0.7	30.0
Tert-amyl methyl ether	Ave	0.8941	1.034		23.1	20.0	15.7	30.0
n-Heptane	Ave	0.3831	0.3811		19.9	20.0	-0.5	30.0
n-Butanol	Ave	0.1804	0.1569		435	500	-13.0	30.0
Trichloroethene	Ave	0.2842	0.2975	0.2000	20.9	20.0	4.7	30.0
Ethyl acrylate	QuaF		0.2053		17.3	20.0	-13.5	30.0
Methylcyclohexane	Ave	0.5798	0.6141	0.1000	21.2	20.0	5.9	30.0
1,2-Dichloropropane	Ave	0.2644	0.2687	0.1000	20.3	20.0	1.6	30.0
Dibromomethane	Ave	0.1658	0.1801		21.7	20.0	8.6	30.0
Methyl methacrylate	Ave	0.1299	0.1494		46.0	40.0	15.1	30.0
1,4-Dioxane	Ave	1.323	1.683		509	400	27.3	30.0
n-Propyl acetate	QuaF		0.2418		19.9	20.0	-0.3	30.0
Bromodichloromethane	Ave	0.2902	0.3374	0.2000	23.3	20.0	16.3	30.0
2-Nitropropane	QuaF		0.0246		54.1	40.0	35.3*	30.0
2-Chloroethyl vinyl ether	QuaF		0.0135		21.1	20.0	5.6	30.0
Epichlorohydrin	Ave	0.2628	0.2959		22.5	20.0	12.6	30.0
cis-1,3-Dichloropropene	Ave	0.5552	0.5683	0.2000	20.5	20.0	2.4	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.902	3.123	0.0500	108	100	7.6	30.0
Toluene	Ave	1.832	1.898	0.4000	20.7	20.0	3.6	30.0
trans-1,3-Dichloropropene	Ave	0.4504	0.4922	0.1000	21.9	20.0	9.3	30.0
Ethyl methacrylate	QuaF		0.3673		18.0	20.0	-9.8	30.0
1,1,2-Trichloroethane	Ave	0.2810	0.3168	0.1000	22.5	20.0	12.7	30.0
Tetrachloroethene	Ave	0.3866	0.4152	0.2000	21.5	20.0	7.4	30.0
1,3-Dichloropropane	Ave	0.5406	0.5768		21.3	20.0	6.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-870018/14 Calibration Date: 10/04/2022 16:57

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K38873.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	QuaF		1.453	0.0500	107	100	6.8	30.0
Dibromochloromethane	Qua2		0.2827	0.1000	27.1	20.0	35.3*	30.0
n-Butyl acetate	QuaF		0.3047		18.9	20.0	-5.4	30.0
Ethylene Dibromide	Ave	0.3247	0.3530	0.1000	21.7	20.0	8.7	30.0
Chlorobenzene	Ave	1.121	1.209	0.5000	21.6	20.0	7.9	30.0
1,1,1,2-Tetrachloroethane	Qua2		0.4086		26.0	20.0	29.8	30.0
Ethylbenzene	Ave	0.6470	0.6892	0.1000	21.3	20.0	6.5	30.0
m-Xylene & p-Xylene	Ave	0.8070	0.8424	0.1000	20.9	20.0	4.4	30.0
o-Xylene	Ave	0.8914	0.9449	0.3000	21.2	20.0	6.0	30.0
Styrene	Ave	1.270	1.337	0.3000	21.1	20.0	5.3	30.0
n-Butyl acrylate	QuaF		0.1611		17.9	20.0	-10.5	30.0
Bromoform	Qua2		0.1427	0.1000	26.5	20.0	32.5*	30.0
Amyl acetate (mixed isomers)	QuaF		0.3621		15.1	20.0	-24.6	30.0
Isopropylbenzene	Ave	2.294	2.516	0.1000	21.9	20.0	9.7	30.0
Bromobenzene	Ave	0.8608	0.9034		21.0	20.0	4.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9346	1.099	0.3000	23.5	20.0	17.6	30.0
1,2,3-Trichloropropane	Ave	0.2694	0.2817		20.9	20.0	4.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1709	0.1978		23.2	20.0	15.8	30.0
N-Propylbenzene	Ave	4.654	4.987		21.4	20.0	7.1	30.0
2-Chlorotoluene	Ave	2.768	2.904		21.0	20.0	4.9	30.0
4-Ethyltoluene	Ave	3.833	4.214		22.0	20.0	9.9	30.0
4-Chlorotoluene	Ave	2.904	3.069		21.1	20.0	5.7	30.0
1,3,5-Trimethylbenzene	Ave	3.616	3.743		20.7	20.0	3.5	30.0
Butyl Methacrylate	QuaF		0.3769		14.7	20.0	-26.7	30.0
tert-Butylbenzene	Ave	2.904	2.981		20.5	20.0	2.6	30.0
1,2,4-Trimethylbenzene	Ave	3.789	3.979		21.0	20.0	5.0	30.0
sec-Butylbenzene	Ave	4.669	5.198		22.3	20.0	11.3	30.0
1,3-Dichlorobenzene	Ave	1.691	1.824	0.6000	21.6	20.0	7.9	30.0
4-Isopropyltoluene	Ave	3.996	4.345		21.7	20.0	8.7	30.0
1,4-Dichlorobenzene	Ave	1.723	1.817	0.5000	21.1	20.0	5.5	30.0
1,2,3-Trimethylbenzene	Ave	4.008	4.432		22.1	20.0	10.6	30.0
Benzyl chloride	Qua2		0.9251		24.9	20.0	24.5	30.0
Indan	Ave	3.595	4.087		22.7	20.0	13.7	30.0
1,2-Dichlorobenzene	Ave	1.834	2.029	0.4000	22.1	20.0	10.7	30.0
p-Diethylbenzene	Ave	2.193	2.760		25.2	20.0	25.9	30.0
n-Butylbenzene	Ave	2.269	2.337		20.6	20.0	3.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.060	4.443		21.9	20.0	9.4	30.0
1,2-Dibromo-3-Chloropropane	QuaF		0.2085	0.0500	21.9	20.0	9.4	30.0
1,3,5-Trichlorobenzene	Ave	1.425	1.536		21.6	20.0	7.8	30.0
1,2,4-Trichlorobenzene	Ave	1.413	1.477	0.2000	20.9	20.0	4.6	30.0
Hexachlorobutadiene	Ave	0.5228	0.5517		21.1	20.0	5.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: ICV 460-870018/14 Calibration Date: 10/04/2022 16:57

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K38873.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	3.860	4.565		23.7	20.0	18.3	30.0
1,2,3-Trichlorobenzene	Ave	1.412	1.578		22.3	20.0	11.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2633	0.2807		53.3	50.0	6.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2653	0.2617		49.3	50.0	-1.4	30.0
Toluene-d8 (Surr)	Ave	1.530	1.530		50.0	50.0	-0.0	30.0
Bromofluorobenzene	Ave	0.3878	0.3859		49.8	50.0	-0.5	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 04-Oct-2022 16:57:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0151264-014
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2022 19:54:53 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: K0HS Date: 05-Oct-2022 15:15:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.138	1.138	0.000	94	52954	NC	NC	
2 Chlorotrifluoroethene	116	1.150	1.150	0.000	53	34258	20.0	11.7	
5 Chlorodifluoromethane	67	1.173	1.161	0.012	95	24230	20.0	21.4	
4 Dichlorodifluoromethane	85	1.161	1.173	-0.012	79	174111	20.0	20.8	
6 Chloromethane	50	1.298	1.298	0.000	98	157423	20.0	20.3	M
7 Butadiene	54	1.356	1.356	0.000	93	97611	20.0	20.2	
8 Vinyl chloride	62	1.367	1.367	0.000	97	134046	20.0	23.9	
9 Bromomethane	94	1.573	1.573	0.000	99	123316	20.0	22.8	
10 Chloroethane	64	1.618	1.618	0.000	78	72914	20.0	19.7	
11 Dichlorofluoromethane	67	1.756	1.767	-0.011	99	219593	20.0	21.5	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	97	199420	20.0	23.3	
13 Pentane	72	1.824	1.824	0.000	98	41636	40.0	39.3	
15 Ethyl ether	59	1.961	1.961	0.000	97	65078	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	93	97587	20.0	26.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.996	1.984	0.012	88	106098	20.0	21.9	
14 Ethanol	46	1.938	2.007	-0.069	63	17214	800.0	843.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	70	158843	20.0	21.1	a
19 Acrolein	56	2.041	2.053	-0.012	97	166717	300.4	252.7	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	97	83295	20.0	21.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.144	2.156	-0.012	94	98376	20.0	20.9	
22 Acetone	43	2.167	2.167	0.000	83	116468	100.0	97.8	
23 Iodomethane	142	2.236	2.236	0.000	98	154689	20.0	20.3	
25 Carbon disulfide	76	2.281	2.281	0.000	99	274558	20.0	20.8	
24 Isopropyl alcohol	45	2.373	2.316	0.057	24	39234	200.0	258.9	M
26 3-Chloro-1-propene	39	2.373	2.373	0.000	90	99018	20.0	20.1	
27 Methyl acetate	43	2.396	2.396	0.000	98	84646	40.0	36.9	
28 Cyclopentene	67	2.441	2.441	0.000	94	208599	20.0	21.9	
29 Acetonitrile	39	2.441	2.441	0.000	28	67020	200.0	203.5	a
31 Methylene Chloride	84	2.464	2.464	0.000	88	94661	20.0	19.3	
* 30 TBA-d9 (IS)	65	2.567	2.590	-0.023	96	383523	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
35 Acrylonitrile	53	2.647	2.658	-0.011	93	272683	200.0	209.0	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	92	88924	20.0	20.8	
33 Methyl tert-butyl ether	73	2.681	2.681	0.000	97	248165	20.0	20.9	
32 2-Methyl-2-propanol	59	2.636	2.681	-0.045	34	117234	200.0	232.3	a
36 Hexane	43	2.887	2.899	-0.011	90	59955	20.0	19.6	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	99	142134	20.0	20.7	
39 Vinyl acetate	86	3.047	3.047	0.000	99	19761	40.0	32.4	
37 Isopropyl ether	45	3.081	3.070	0.011	89	232245	20.0	20.5	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	83	82783	20.0	21.7	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	91	115133	20.0	22.1	
* 42 2-Butanone-d5	46	3.470	3.470	0.000	96	273526	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	98	101040	20.0	21.3	
43 2,2-Dichloropropane	79	3.516	3.516	0.000	82	42238	20.0	19.8	
46 2-Butanone (MEK)	72	3.527	3.527	0.000	99	48177	100.0	106.5	
45 Ethyl acetate	70	3.584	3.550	0.034	89	15731	40.0	49.9	
48 Propionitrile	54	3.573	3.573	0.000	33	114331	200.0	178.8	
47 Methyl acrylate	55	3.573	3.573	0.000	33	74065	20.0	24.1	M
51 Methacrylonitrile	67	3.710	3.710	0.000	90	313224	200.0	216.3	
50 Chlorobromomethane	128	3.710	3.710	0.000	87	48185	20.0	20.6	
49 Tetrahydrofuran	72	3.767	3.779	-0.012	64	23420	40.0	38.7	
52 Chloroform	83	3.790	3.790	0.000	98	156095	20.0	21.5	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	96	195882	50.0	53.3	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	98	132001	20.0	22.1	
53 Cyclohexane	84	4.030	4.030	0.000	89	147307	20.0	20.6	
57 1,1-Dichloropropene	75	4.122	4.121	0.001	97	111552	20.0	21.1	
56 Carbon tetrachloride	117	4.133	4.133	0.000	95	88481	20.0	24.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	182623	50.0	49.3	
58 Isobutyl alcohol	74	4.316	4.327	-0.011	31	23554	500.0	404.7	a
60 Benzene	78	4.316	4.327	-0.011	94	330312	20.0	21.2	
64 1,2-Dichloroethane	62	4.339	4.339	0.000	95	102252	20.0	20.0	
62 Isopropyl acetate	61	4.419	4.419	0.000	73	25389	20.0	20.1	a
59 Isooctane	57	4.419	4.419	0.000	90	319344	20.0	21.0	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	98	288722	20.0	23.1	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	697870	50.0	50.0	
65 n-Heptane	43	4.613	4.613	0.000	83	106386	20.0	19.9	
68 n-Butanol	56	4.979	4.944	0.035	22	30085	500.0	434.9	a
69 Trichloroethene	95	5.002	5.002	0.000	98	83033	20.0	20.9	
70 Ethyl acrylate	55	5.127	5.139	-0.012	98	57323	20.0	17.3	
71 Methylcyclohexane	83	5.219	5.219	0.000	91	171427	20.0	21.2	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	90	75004	20.0	20.3	
77 Dibromomethane	93	5.367	5.379	-0.012	96	50281	20.0	21.7	
75 1,4-Dioxane	88	5.436	5.402	0.034	35	25226	400.0	509.0	a
74 Methyl methacrylate	69	5.402	5.402	0.000	83	83427	40.0	46.0	
* 73 1,4-Dioxane-d8	96	5.356	5.424	-0.068	33	37463	1000.0	1000.0	
76 n-Propyl acetate	43	5.482	5.482	0.000	98	67485	20.0	19.9	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	94183	20.0	23.3	
79 2-Nitropropane	41	5.847	5.836	0.011	47	13761	40.0	54.1	
67 2-Chloroethyl vinyl ether	63	5.962	5.950	0.012	47	3763	20.0	21.1	
80 Epichlorohydrin	57	6.007	6.007	0.000	24	6475	20.0	22.5	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	93	100086	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.350	6.350	0.000	95	341692	100.0	107.6	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	673499	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.533	6.533	0.000	93	334256	20.0	20.7	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	97	86688	20.0	21.9	
86 Ethyl methacrylate	69	7.025	7.025	0.000	87	64694	20.0	18.0	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	55797	20.0	22.5	
88 Tetrachloroethene	166	7.265	7.265	0.000	92	73129	20.0	21.5	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	91	101590	20.0	21.3	
90 2-Hexanone	43	7.482	7.482	0.000	96	158955	100.0	106.8	
92 Chlorodibromomethane	129	7.608	7.619	-0.011	96	49785	20.0	27.1	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	53659	20.0	18.9	
93 Ethylene Dibromide	107	7.756	7.756	0.000	98	62166	20.0	21.7	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	440298	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	98	212996	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	92	71958	20.0	26.0	
96 Ethylbenzene	106	8.682	8.682	0.000	98	121390	20.0	21.3	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	148355	20.0	20.9	
100 o-Xylene	106	9.345	9.345	0.000	95	166410	20.0	21.2	
101 Styrene	104	9.368	9.368	0.000	97	235465	20.0	21.1	
99 n-Butyl acrylate	73	9.379	9.379	0.000	95	28370	20.0	17.9	
103 Bromoform	173	9.551	9.551	0.000	94	25133	20.0	26.5	
102 Amyl acetate (mixed isomers)	43	9.654	9.653	0.001	93	34865	20.0	15.1	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	443138	20.0	21.9	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	169920	50.0	49.8	
106 Bromobenzene	156	10.054	10.054	0.000	95	86972	20.0	21.0	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	98	105796	20.0	23.5	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	96	27119	20.0	20.9	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	74	19046	20.0	23.2	a
108 N-Propylbenzene	91	10.202	10.202	0.000	99	480070	20.0	21.4	
111 2-Chlorotoluene	91	10.271	10.271	0.000	97	279562	20.0	21.0	
112 4-Ethyltoluene	105	10.328	10.316	0.012	99	405665	20.0	22.0	
114 4-Chlorotoluene	91	10.374	10.374	0.000	98	295485	20.0	21.1	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	93	360377	20.0	20.7	
115 Butyl Methacrylate	87	10.522	10.522	0.000	89	36281	20.0	14.7	
116 tert-Butylbenzene	119	10.682	10.682	0.000	95	286981	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	383077	20.0	21.0	
118 sec-Butylbenzene	105	10.876	10.876	0.000	99	500452	20.0	22.3	
120 1,3-Dichlorobenzene	146	10.957	10.956	0.000	96	175598	20.0	21.6	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	240684	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	94	418354	20.0	21.7	
122 1,4-Dichlorobenzene	146	11.037	11.036	0.000	96	174957	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	426668	20.0	22.1	
124 Benzyl chloride	91	11.162	11.162	0.000	99	89067	20.0	24.9	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	393442	20.0	22.7	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	95	195357	20.0	22.1	
126 p-Diethylbenzene	119	11.345	11.345	0.000	95	265754	20.0	25.2	
127 n-Butylbenzene	92	11.357	11.356	0.001	98	224977	20.0	20.6	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	427734	20.0	21.9	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	87	20071	20.0	21.9	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	96	147915	20.0	21.6	
132 1,2,4-Trichlorobenzene	180	12.580	12.579	0.001	93	142243	20.0	20.9	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	87	53118	20.0	21.1	
134 Naphthalene	128	12.751	12.751	0.000	99	439525	20.0	23.7	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	96	151883	20.0	22.3	

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	42.1	
S 137 Xylenes, Total	100				0		40.0	42.1	
S 139 Total BTEX	1				0		100.0	105.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS C SP_00482	Amount Added:	2.00	Units: uL		
8260 SP_00159	Amount Added:	2.00	Units: uL		
8FreonsSS_00050	Amount Added:	2.00	Units: uL		
ACROLEIN SP_00142	Amount Added:	3.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 06-Oct-2022 19:54:56 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D

Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9 Operator ID:

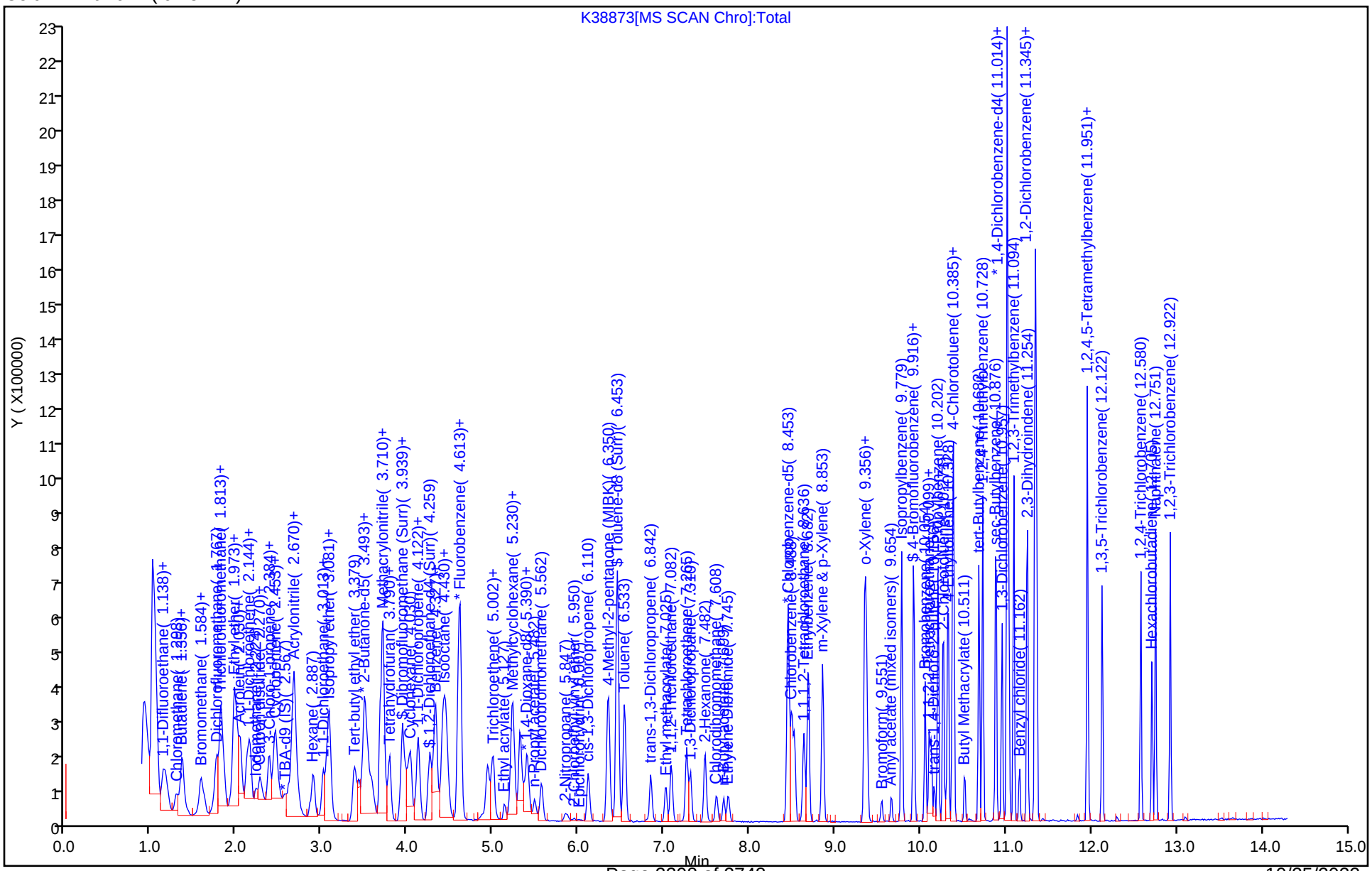
Lims ID: ICV Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

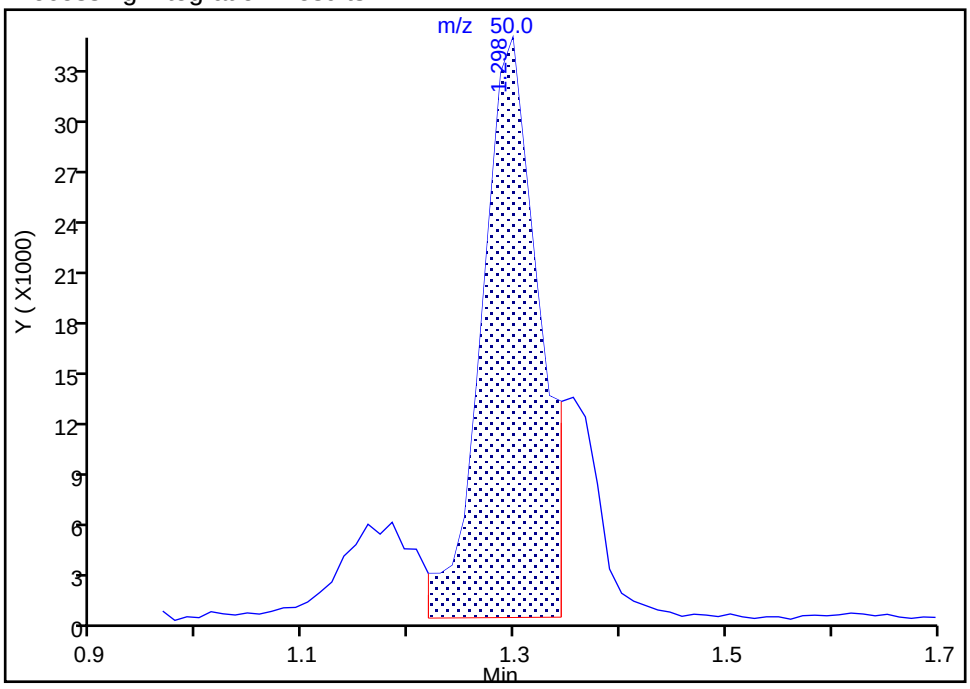
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

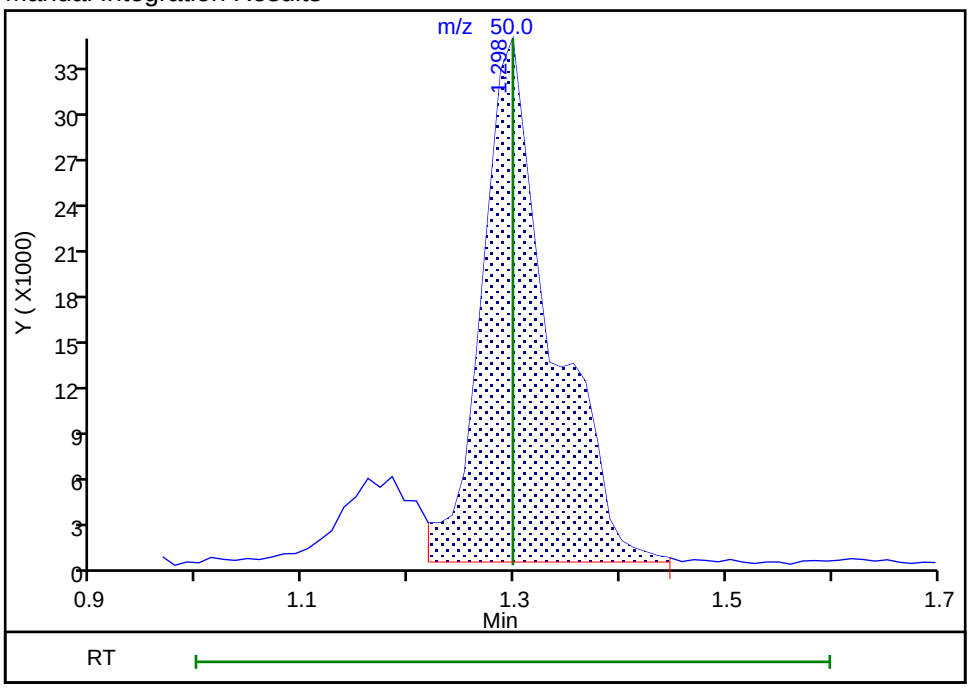
Processing Integration Results

RT: 1.30
Area: 130897
Amount: 16.793570
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 157423
Amount: 20.291455
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:05:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

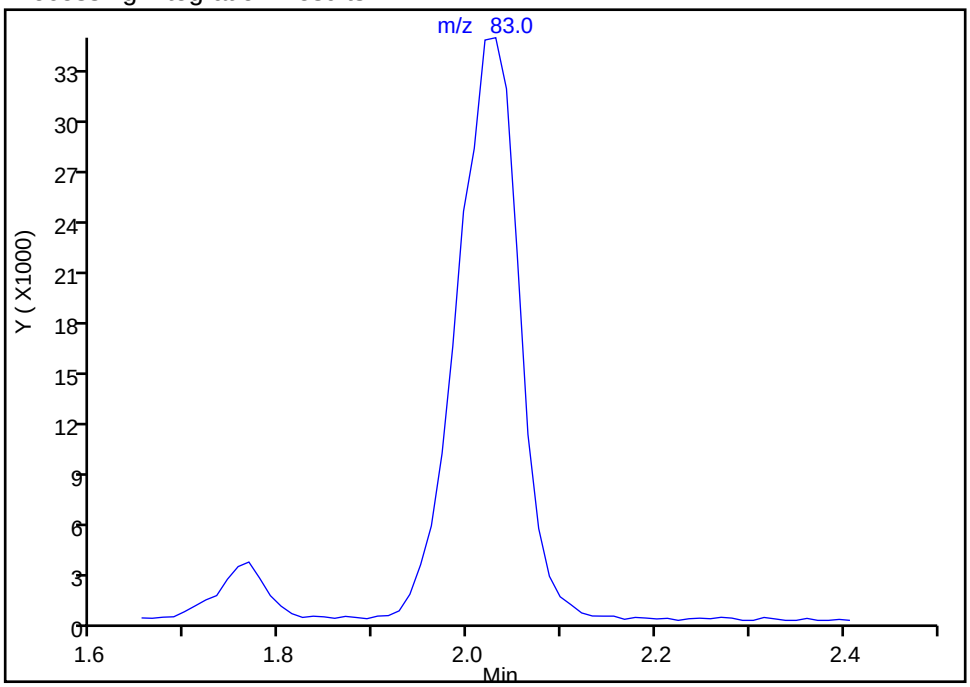
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

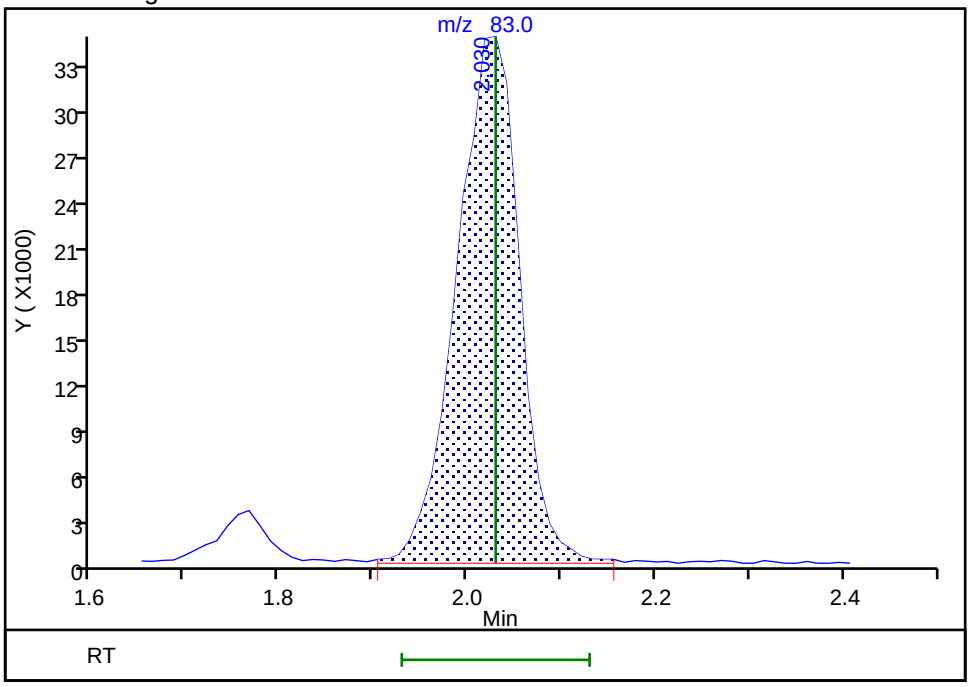
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 158843
Amount: 21.134483
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:05:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

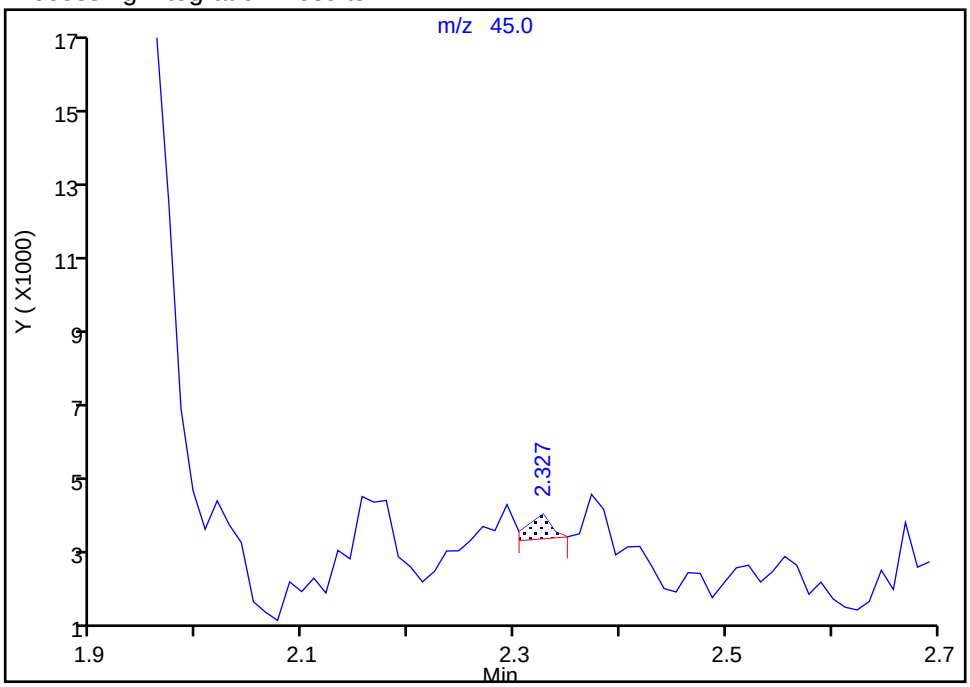
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

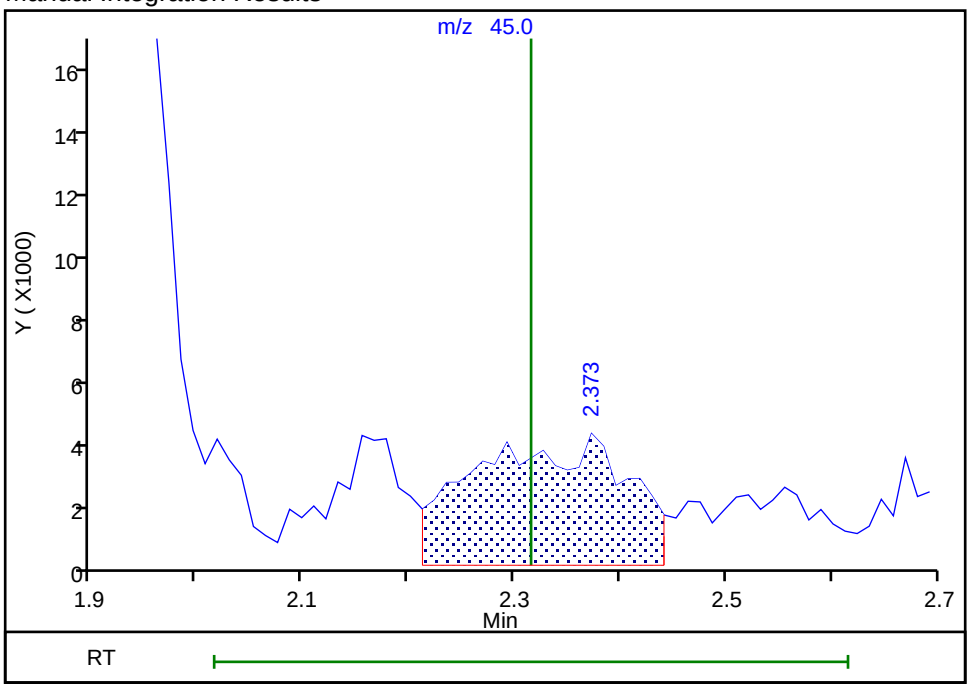
Processing Integration Results

RT: 2.33
Area: 986
Amount: 6.745653
Amount Units: ug/l



Manual Integration Results

RT: 2.37
Area: 39234
Amount: 258.8806
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:05:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

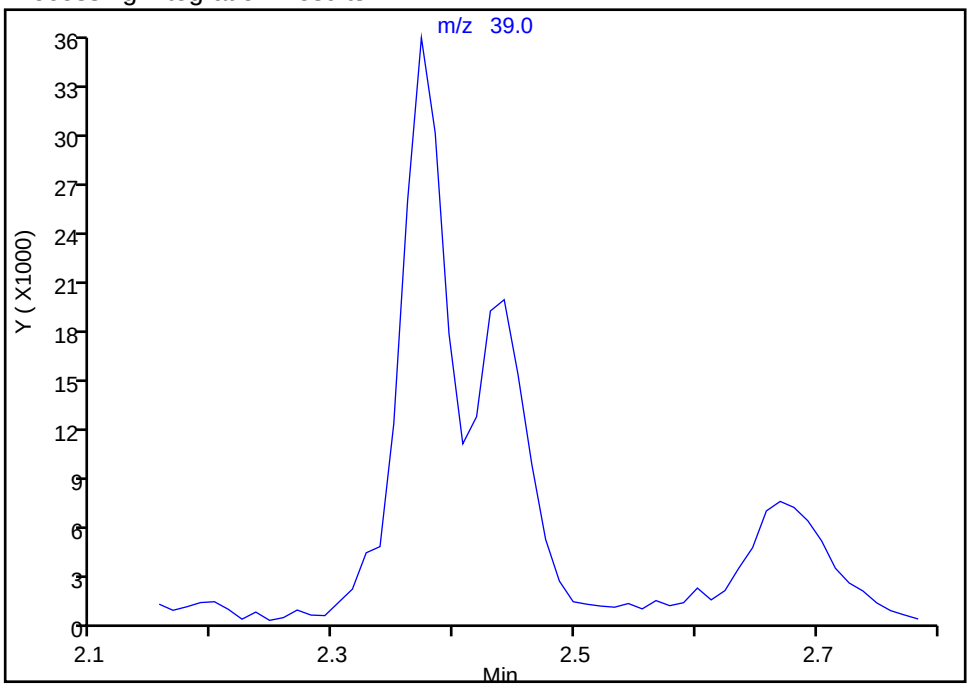
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

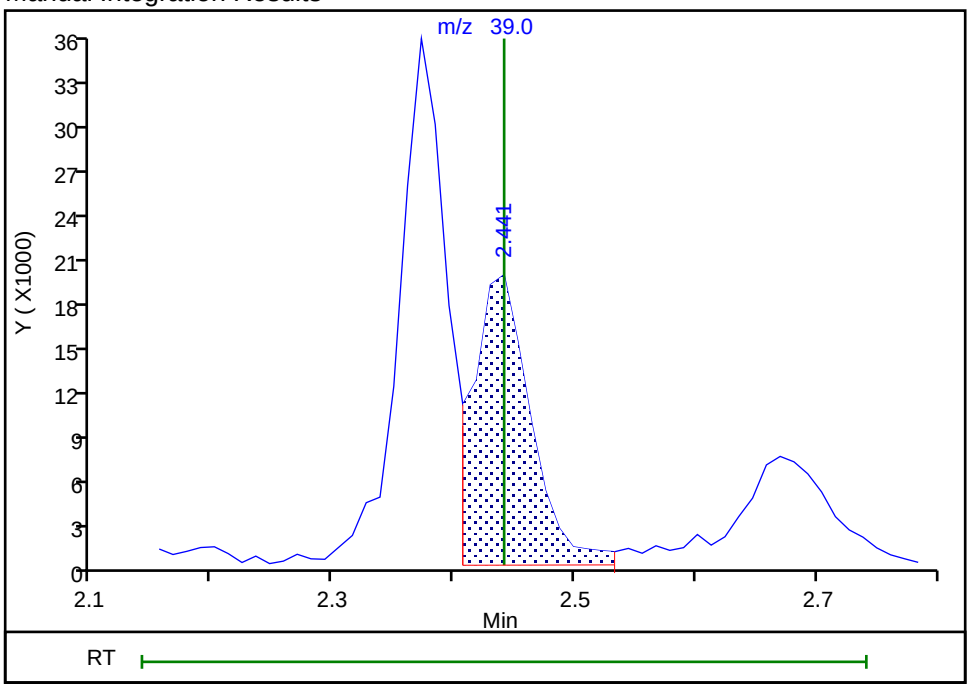
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 67020
Amount: 203.4836
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:05:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

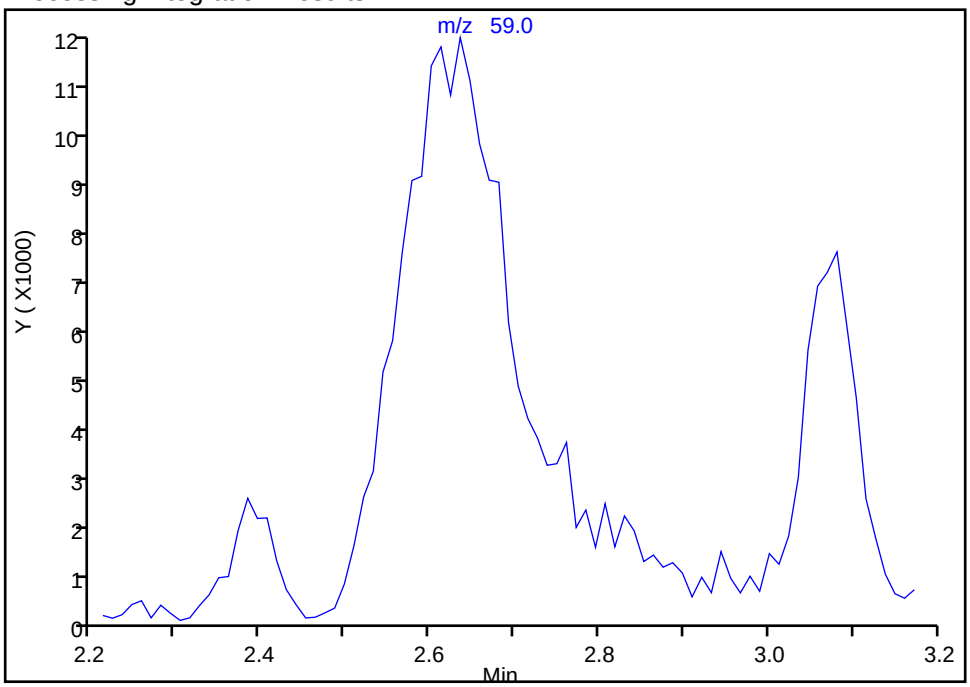
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

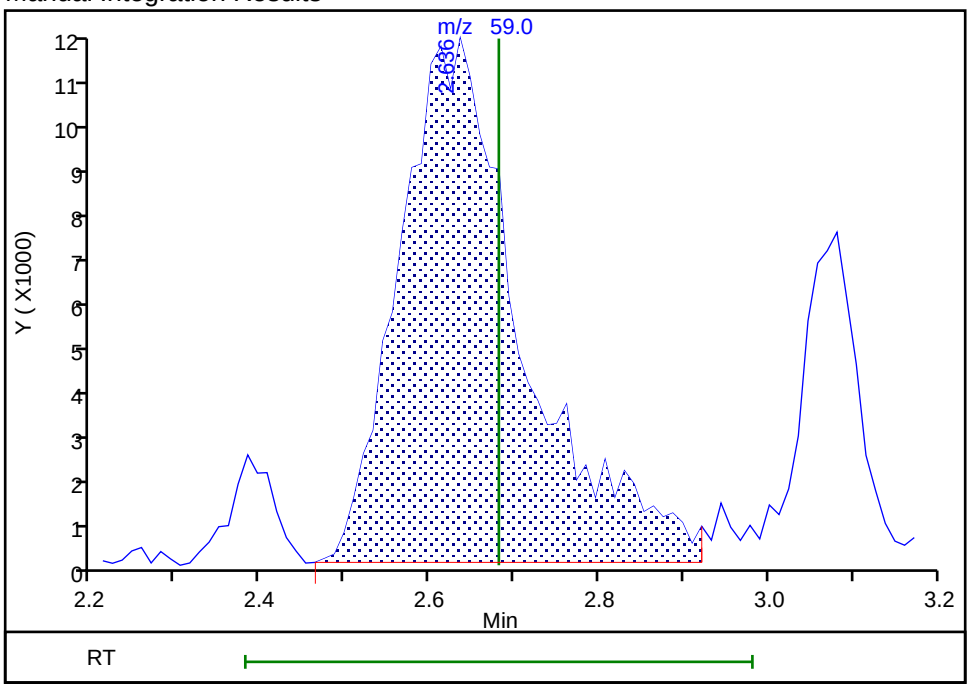
Not Detected
Expected RT: 2.68

Processing Integration Results



Manual Integration Results

RT: 2.64
Area: 117234
Amount: 232.2527
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:05:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

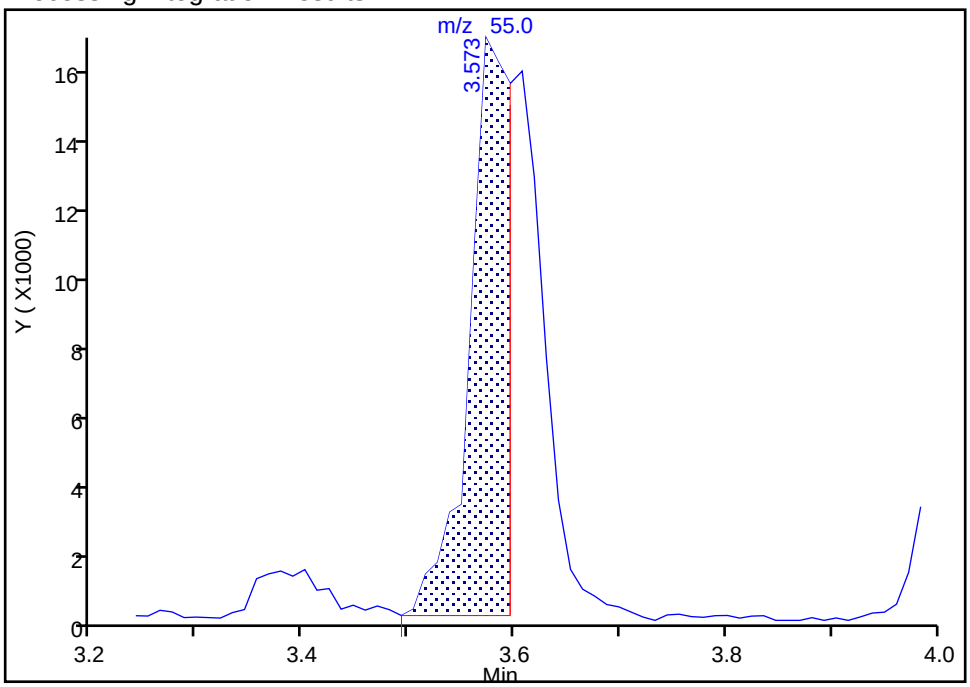
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Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

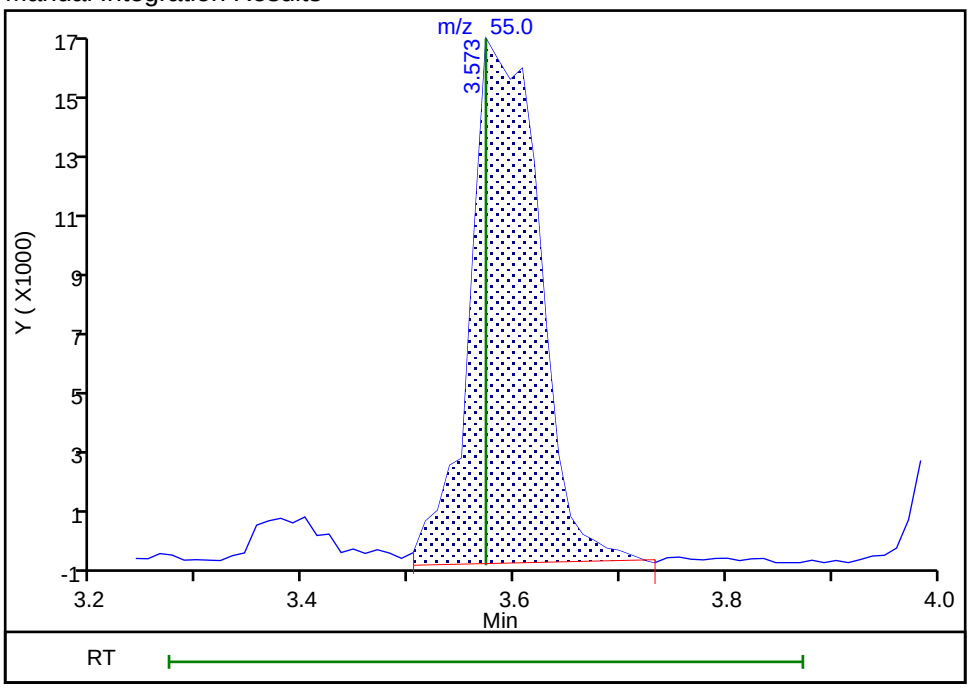
Processing Integration Results

RT: 3.57
Area: 44377
Amount: 14.467899
Amount Units: ug/l



Manual Integration Results

RT: 3.57
Area: 74065
Amount: 24.146853
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:06:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

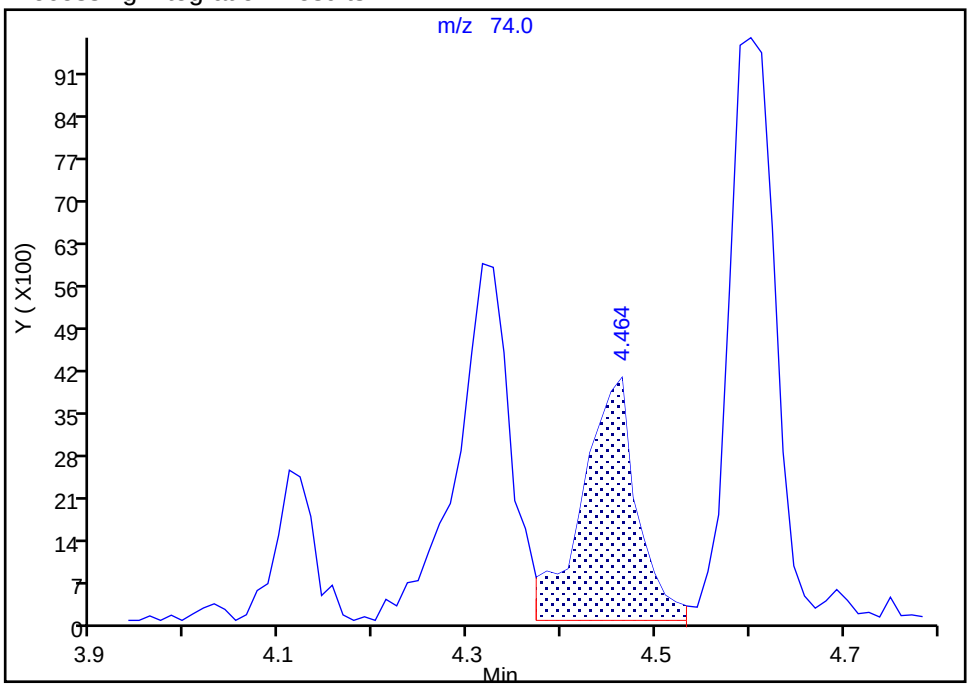
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

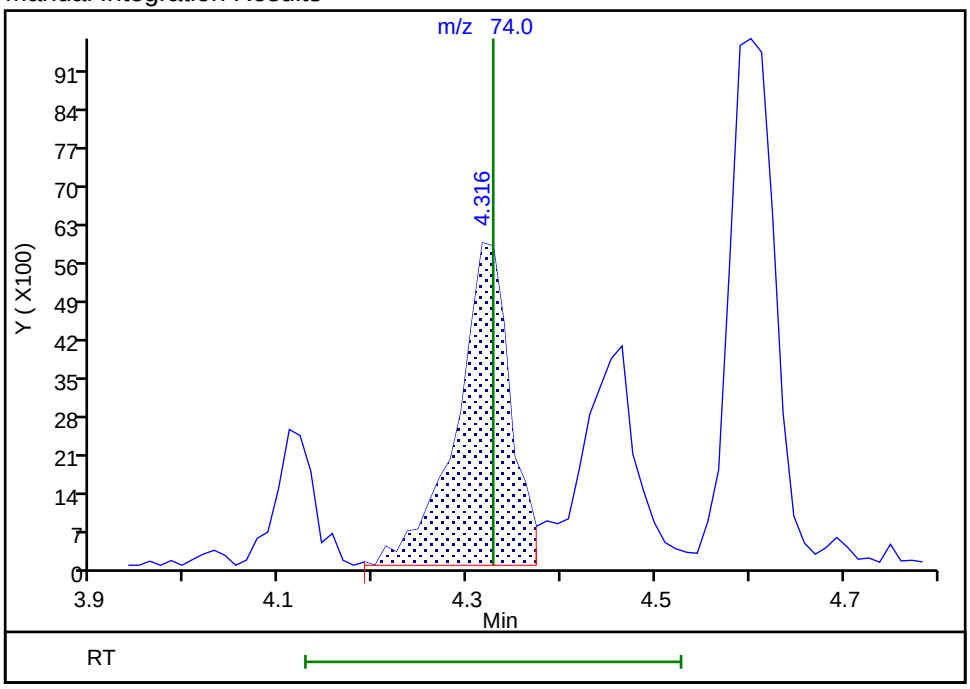
Processing Integration Results

RT: 4.46
Area: 16423
Amount: 286.7387
Amount Units: ug/l



Manual Integration Results

RT: 4.32
Area: 23554
Amount: 404.6946
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:06:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

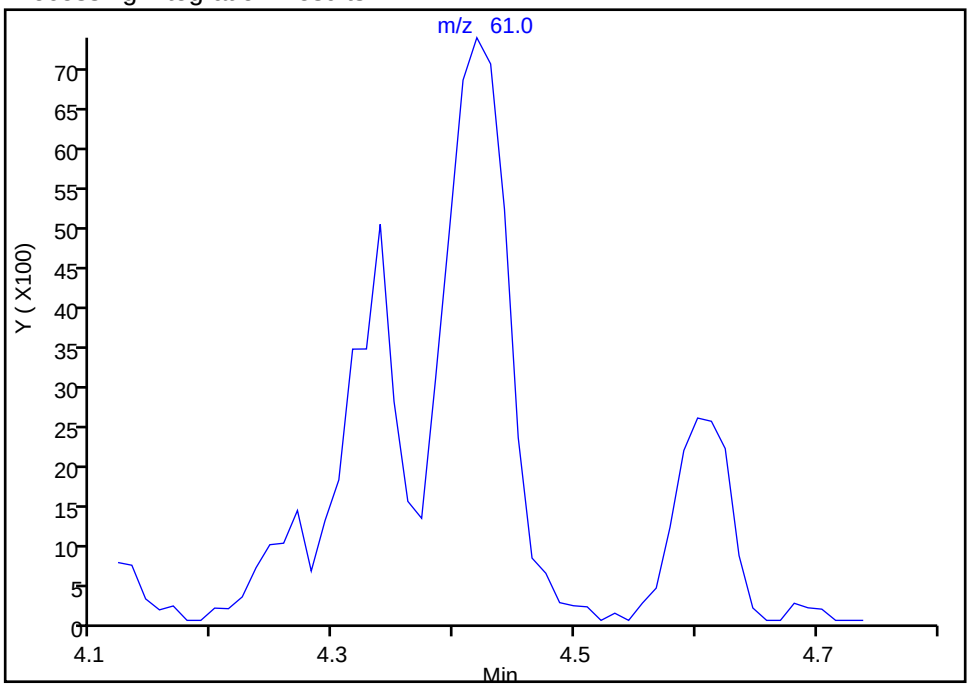
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

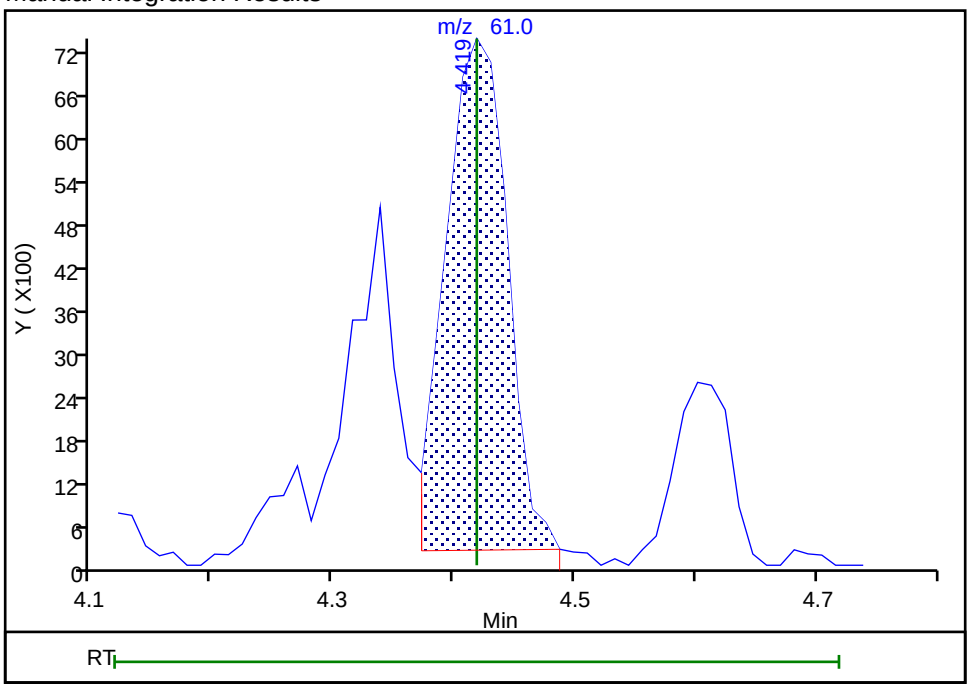
Not Detected
Expected RT: 4.42

Processing Integration Results



Manual Integration Results

RT: 4.42
Area: 25389
Amount: 20.138957
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:06:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

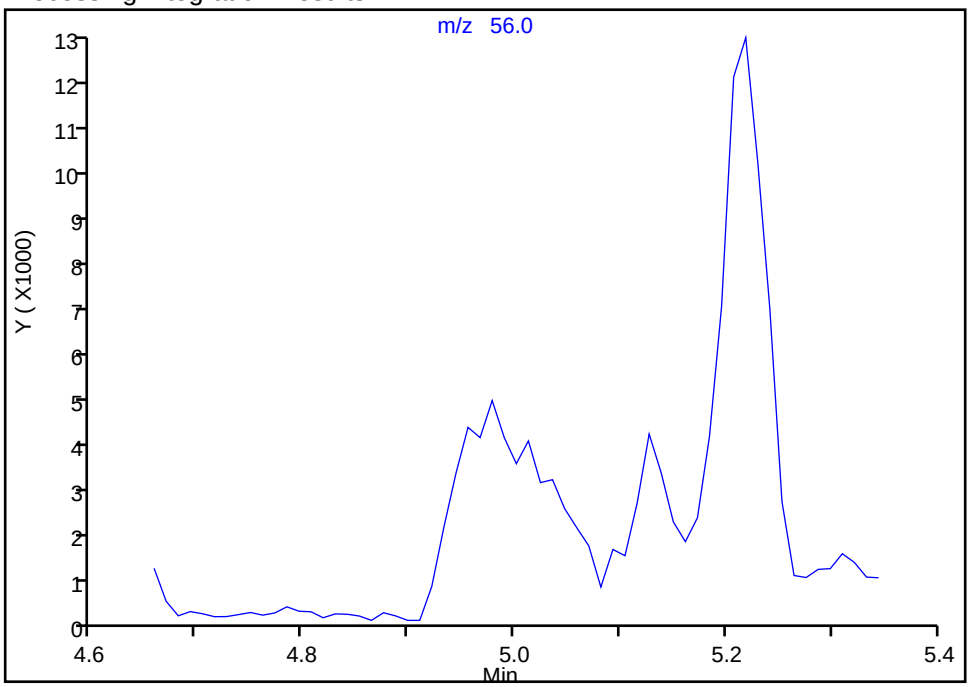
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

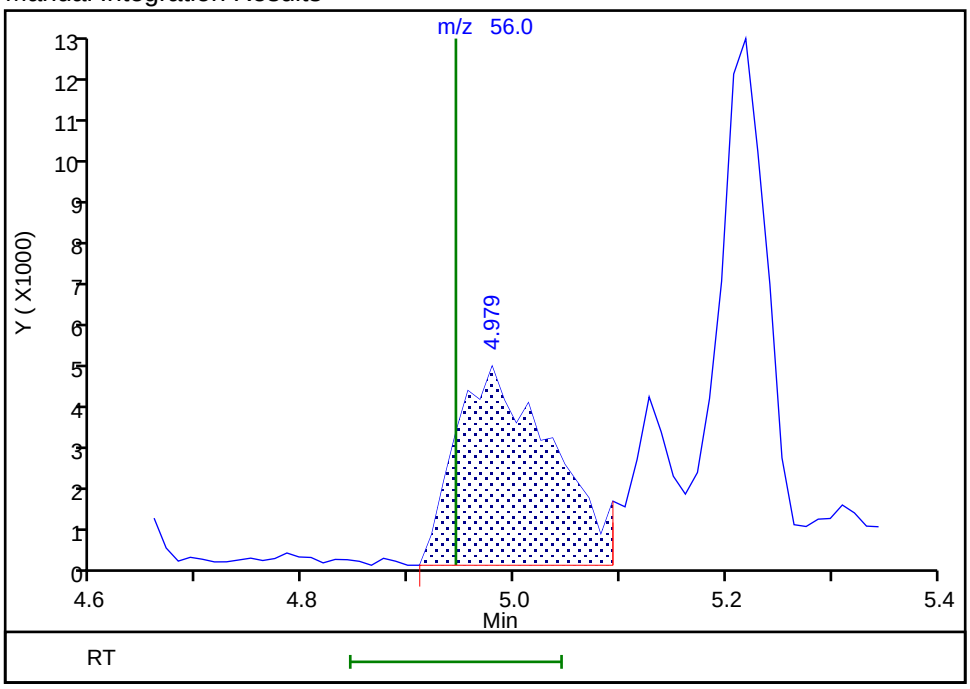
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.98
Area: 30085
Amount: 434.8952
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:06:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

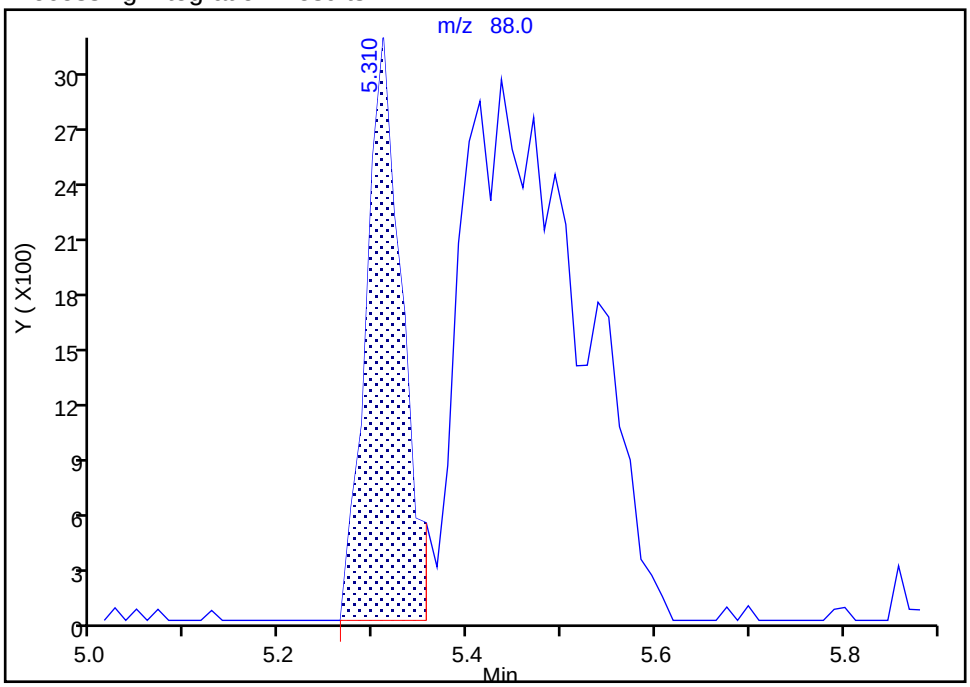
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Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

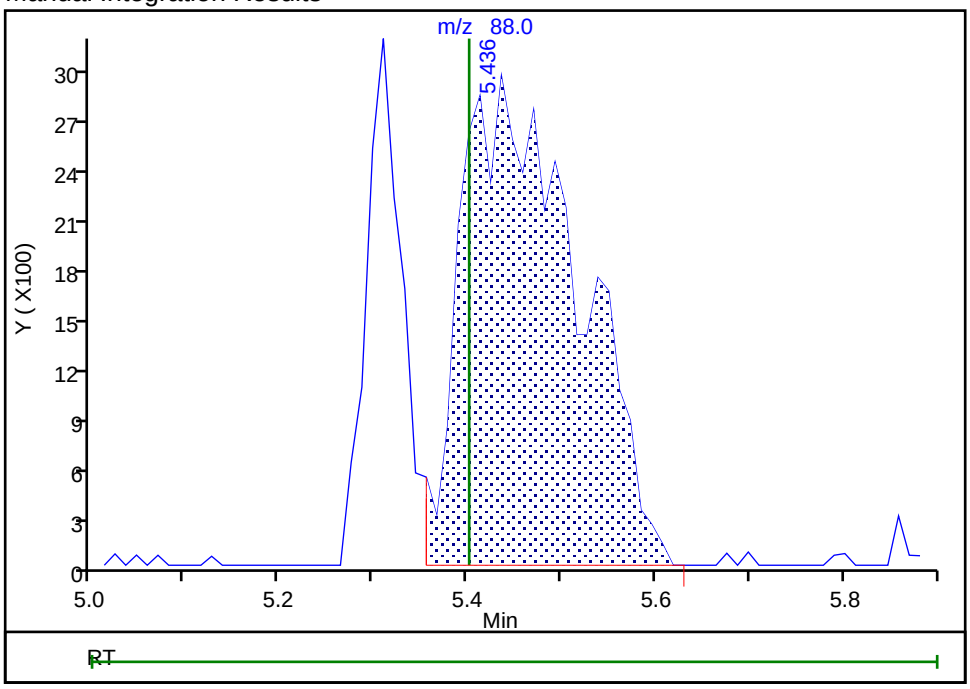
Processing Integration Results

RT: 5.31
Area: 8292
Amount: 167.4087
Amount Units: ug/l



Manual Integration Results

RT: 5.44
Area: 25226
Amount: 509.0286
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:06:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

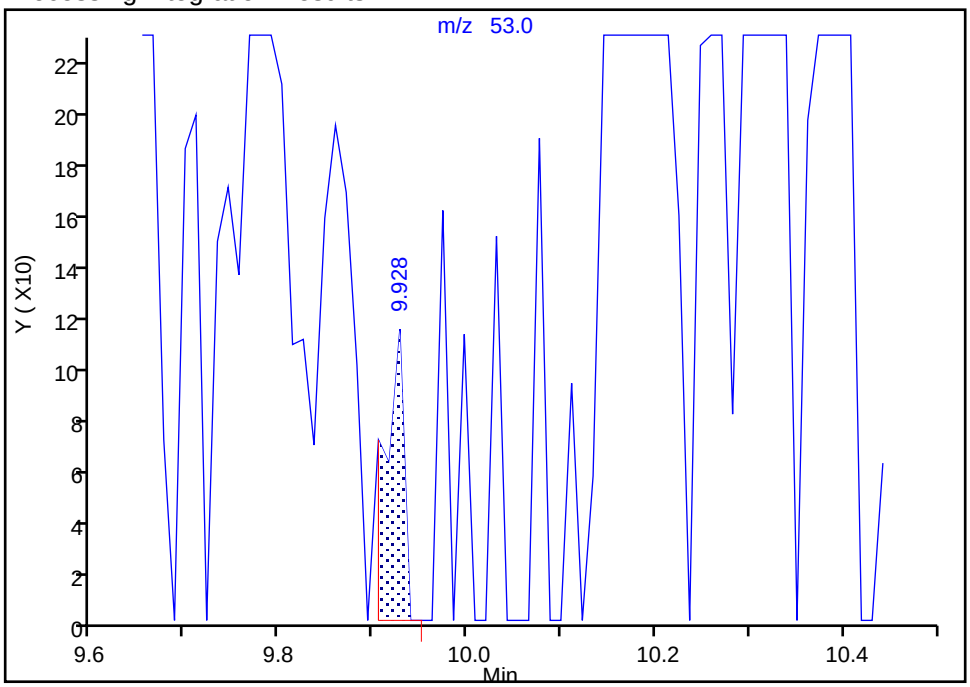
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38873.D
Injection Date: 04-Oct-2022 16:57:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

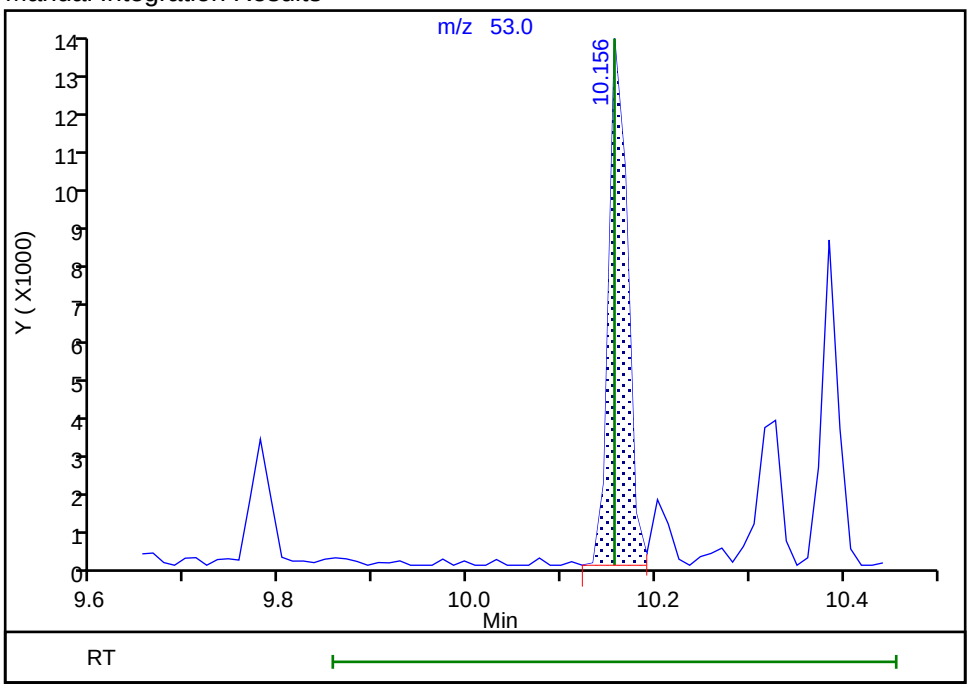
Processing Integration Results

RT: 9.93
Area: 167
Amount: 0.185544
Amount Units: ug/l



Manual Integration Results

RT: 10.16
Area: 19046
Amount: 23.154815
Amount Units: ug/l



Reviewer: K0HS, 05-Oct-2022 15:06:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872353/2 Calibration Date: 10/17/2022 09:07

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39148.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2098	0.1750		16.7	20.0	-16.6	20.0
Chlorodifluoromethane	QuaF		0.0761		18.7	20.0	-6.3	20.0
Dichlorodifluoromethane	Ave	0.5993	0.5781	0.1000	19.3	20.0	-3.5	20.0
Chloromethane	Ave	0.5558	0.4676	0.1000	16.8	20.0	-15.9	20.0
Butadiene	Ave	0.3459	0.3631		21.0	20.0	5.0	20.0
Vinyl chloride	Ave	0.4020	0.3900	0.1000	19.4	20.0	-3.0	20.0
Bromomethane	Ave	0.3879	0.3593	0.1000	18.5	20.0	-7.4	50.0
Chloroethane	Ave	0.2658	0.2547	0.1000	19.2	20.0	-4.2	50.0
Dichlorofluoromethane	Ave	0.7331	0.6798		18.5	20.0	-7.3	20.0
Pentane	Ave	2.764	2.474		35.8	40.0	-10.5	20.0
Trichlorofluoromethane	Ave	0.6141	0.5844	0.1000	19.0	20.0	-4.8	20.0
Ethanol	Ave	0.0532	0.0328		492	800	-38.4	50.0
Ethyl ether	Ave	0.2307	0.2150		18.6	20.0	-6.8	20.0
2-Methyl-1,3-butadiene	Ave	0.2595	0.2782		21.4	20.0	7.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3469	0.2861		16.5	20.0	-17.5	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5385	0.4238		15.7	20.0	-21.3*	20.0
Acrolein	Ave	1.720	1.476		257	300	-14.2	50.0
1,1-Dichloroethene	Ave	0.2725	0.3346	0.1000	24.6	20.0	22.8*	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3377	0.4310	0.1000	25.5	20.0	27.6*	20.0
Acetone	Lin2		1.104	0.0500	102	100	1.6	50.0
Iodomethane	Ave	0.5459	0.6429		23.6	20.0	17.8	20.0
Carbon disulfide	Ave	0.9477	1.202	0.1000	25.4	20.0	26.9	50.0
Isopropyl alcohol	Ave	0.3952	0.3481		176	200	-11.9	50.0
3-Chloro-1-propene	Ave	0.3535	0.3800		21.5	20.0	7.5	20.0
Methyl acetate	Ave	5.974	5.853	0.1000	39.2	40.0	-2.0	20.0
Acetonitrile	Ave	0.8588	0.8693		202	200	1.2	20.0
Cyclopentene	Ave	0.6826	0.8092		23.7	20.0	18.6	20.0
Methylene Chloride	Ave	0.3510	0.3710	0.1000	21.1	20.0	5.7	20.0
2-Methyl-2-propanol	Ave	1.316	1.230		187	200	-6.5	50.0
Acrylonitrile	Ave	0.0935	0.1000		214	200	7.0	20.0
Methyl tert-butyl ether	Ave	0.8487	0.9207	0.1000	21.7	20.0	8.5	20.0
trans-1,2-Dichloroethene	Ave	0.3069	0.3571	0.1000	23.3	20.0	16.4	20.0
Hexane	Ave	0.2190	0.2509		22.9	20.0	14.6	20.0
1,1-Dichloroethane	Ave	0.4923	0.5637	0.2000	22.9	20.0	14.5	20.0
Vinyl acetate	Ave	1.592	1.541		38.7	40.0	-3.2	20.0
Isopropyl ether	Ave	0.8120	0.9005		22.2	20.0	10.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2735	0.3062		22.4	20.0	11.9	20.0
Tert-butyl ethyl ether	Ave	0.3736	0.4003		21.4	20.0	7.1	20.0
2-Butanone (MEK)	Lin2		0.4253	0.0500	103	100	2.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872353/2 Calibration Date: 10/17/2022 09:07

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39148.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3391	0.3662	0.1000	21.6	20.0	8.0	20.0
2,2-Dichloropropane	Ave	0.1530	0.1647		21.5	20.0	7.6	20.0
Ethyl acetate	Ave	0.2883	0.3056		42.4	40.0	6.0	20.0
Propionitrile	Ave	1.667	1.518		182	200	-9.0	20.0
Methyl acrylate	Ave	0.2198	0.2564		23.3	20.0	16.7	20.0
Methacrylonitrile	Ave	0.1037	0.1059		204	200	2.0	20.0
Chlorobromomethane	Ave	0.1679	0.1754		20.9	20.0	4.4	20.0
Chloroform	Ave	0.5210	0.5680	0.2000	21.8	20.0	9.0	20.0
Tetrahydrofuran	Ave	0.5531	0.4994		36.1	40.0	-9.7	20.0
1,1,1-Trichloroethane	Ave	0.4280	0.5089	0.1000	23.8	20.0	18.9	20.0
Cyclohexane	Ave	0.5131	0.6131	0.1000	23.9	20.0	19.5	50.0
1,1-Dichloropropene	Ave	0.3779	0.4458		23.6	20.0	18.0	20.0
Carbon tetrachloride	Ave	0.2633	0.3739	0.1000	28.4	20.0	42.0*	20.0
Benzene	Ave	1.772	1.895	0.5000	21.4	20.0	6.9	20.0
Isobutyl alcohol	Ave	0.1518	0.1320		435	500	-13.0	50.0
1,2-Dichloroethane	Ave	0.3668	0.3594	0.1000	19.6	20.0	-2.0	20.0
Isooctane	Ave	1.089	1.301		23.9	20.0	19.5	20.0
Isopropyl acetate	Ave	0.0903	0.0881		19.5	20.0	-2.5	20.0
Tert-amyl methyl ether	Ave	0.8941	0.9795		21.9	20.0	9.5	20.0
n-Heptane	Ave	0.3831	0.4241		22.1	20.0	10.7	20.0
n-Butanol	Ave	0.1804	0.1617		448	500	-10.4	50.0
Trichloroethene	Ave	0.2842	0.2976	0.2000	20.9	20.0	4.7	20.0
Ethyl acrylate	QuaF		0.2210		18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.5798	0.7078	0.1000	24.4	20.0	22.1	50.0
1,2-Dichloropropane	Ave	0.2644	0.2923	0.1000	22.1	20.0	10.6	20.0
Dibromomethane	Ave	0.1658	0.1775		21.4	20.0	7.0	20.0
1,4-Dioxane	Ave	1.323	1.609		487	400	21.6	50.0
Methyl methacrylate	Ave	0.1299	0.1296		39.9	40.0	-0.2	20.0
n-Propyl acetate	QuaF		0.2474		20.4	20.0	2.0	20.0
Bromodichloromethane	Ave	0.2902	0.3403	0.2000	23.5	20.0	17.3	20.0
2-Nitropropane	QuaF		0.0254		55.7	40.0	39.3*	20.0
2-Chloroethyl vinyl ether	QuaF		0.0122		19.3	20.0	-4.0	20.0
Epichlorohydrin	Ave	0.2628	0.2746		418	400	4.5	20.0
cis-1,3-Dichloropropene	Ave	0.5552	0.5618	0.2000	20.2	20.0	1.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.902	3.020	0.0500	104	100	4.1	50.0
Toluene	Ave	1.832	1.841	0.4000	20.1	20.0	0.5	20.0
trans-1,3-Dichloropropene	Ave	0.4504	0.4453	0.1000	19.8	20.0	-1.1	50.0
Ethyl methacrylate	QuaF		0.3859		18.9	20.0	-5.3	20.0
1,1,2-Trichloroethane	Ave	0.2810	0.2742	0.1000	19.5	20.0	-2.4	20.0
Tetrachloroethene	Ave	0.3866	0.3987	0.2000	20.6	20.0	3.1	20.0
1,3-Dichloropropane	Ave	0.5406	0.5163		19.1	20.0	-4.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872353/2 Calibration Date: 10/17/2022 09:07

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39148.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	QuaF		1.781	0.0500	131	100	30.6	50.0
Dibromochloromethane	Qua2		0.2866	0.1000	27.4	20.0	37.1	50.0
n-Butyl acetate	QuaF		0.3379		21.0	20.0	4.8	20.0
Ethylene Dibromide	Ave	0.3247	0.3078	0.1000	19.0	20.0	-5.2	20.0
Chlorobenzene	Ave	1.121	1.130	0.5000	20.2	20.0	0.8	20.0
1,1,1,2-Tetrachloroethane	Qua2		0.3688		23.5	20.0	17.4	20.0
Ethylbenzene	Ave	0.6470	0.6703	0.1000	20.7	20.0	3.6	20.0
m-Xylene & p-Xylene	Ave	0.8070	0.8027	0.1000	19.9	20.0	-0.5	20.0
o-Xylene	Ave	0.8914	0.8973	0.3000	20.1	20.0	0.7	20.0
Styrene	Ave	1.270	1.236	0.3000	19.5	20.0	-2.7	20.0
n-Butyl acrylate	QuaF		0.1920		21.3	20.0	6.3	20.0
Bromoform	Qua2		0.1513	0.1000	28.0	20.0	40.1*	20.0
Amyl acetate (mixed isomers)	QuaF		0.7020		28.7	20.0	43.3*	20.0
Isopropylbenzene	Ave	2.294	2.362	0.1000	20.6	20.0	3.0	20.0
Bromobenzene	Ave	0.8608	0.8571		19.9	20.0	-0.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9346	0.9424	0.3000	20.2	20.0	0.8	20.0
1,2,3-Trichloropropane	Ave	0.2694	0.2297		17.1	20.0	-14.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1709	0.1715		20.1	20.0	0.4	20.0
N-Propylbenzene	Ave	4.654	4.994		21.5	20.0	7.3	20.0
2-Chlorotoluene	Ave	2.768	2.822		20.4	20.0	2.0	20.0
4-Ethyltoluene	Ave	3.833	4.133		21.6	20.0	7.8	20.0
4-Chlorotoluene	Ave	2.904	3.038		20.9	20.0	4.6	20.0
1,3,5-Trimethylbenzene	Ave	3.616	3.782		20.9	20.0	4.6	20.0
Butyl Methacrylate	QuaF		0.7536		28.6	20.0	42.9*	20.0
tert-Butylbenzene	Ave	2.904	2.944		20.3	20.0	1.4	20.0
1,2,4-Trimethylbenzene	Ave	3.789	3.871		20.4	20.0	2.2	20.0
sec-Butylbenzene	Ave	4.669	5.199		22.3	20.0	11.4	20.0
1,3-Dichlorobenzene	Ave	1.691	1.696	0.6000	20.1	20.0	0.3	20.0
4-Isopropyltoluene	Ave	3.996	4.305		21.5	20.0	7.7	20.0
1,4-Dichlorobenzene	Ave	1.723	1.696	0.5000	19.7	20.0	-1.6	20.0
1,2,3-Trimethylbenzene	Ave	4.008	4.097		20.4	20.0	2.2	20.0
Benzyl chloride	Qua2		0.8941		24.1	20.0	20.5	50.0
Indan	Ave	3.595	3.827		21.3	20.0	6.5	20.0
1,2-Dichlorobenzene	Ave	1.834	1.798	0.4000	19.6	20.0	-1.9	20.0
p-Diethylbenzene	Ave	2.193	2.261		20.6	20.0	3.1	20.0
n-Butylbenzene	Ave	2.269	2.352		20.7	20.0	3.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.060	4.356		21.5	20.0	7.3	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1500	0.0500	15.8	20.0	-21.1	50.0
1,3,5-Trichlorobenzene	Ave	1.425	1.502		21.1	20.0	5.3	20.0
1,2,4-Trichlorobenzene	Ave	1.413	1.439	0.2000	20.4	20.0	1.8	20.0
Hexachlorobutadiene	Ave	0.5228	0.5544		21.2	20.0	6.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872353/2 Calibration Date: 10/17/2022 09:07

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39148.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	3.860	4.019		20.8	20.0	4.1	50.0
1,2,3-Trichlorobenzene	Ave	1.412	1.502		21.3	20.0	6.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2633	0.2809		53.3	50.0	6.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2653	0.2813		53.0	50.0	6.1	20.0
Toluene-d8 (Surr)	Ave	1.530	1.501		49.0	50.0	-1.9	20.0
Bromofluorobenzene	Ave	0.3878	0.3704		47.8	50.0	-4.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2022 09:07:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151838-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:01:19 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 14:01:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.138	1.138	0.000	97	56597	NC	NC	
2 Chlorotrifluoroethene	116	1.138	1.138	0.000	55	53123	20.0	16.7	
5 Chlorodifluoromethane	67	1.173	1.173	0.000	95	23088	20.0	18.7	
4 Dichlorodifluoromethane	85	1.173	1.173	0.000	97	175476	20.0	19.3	
6 Chloromethane	50	1.298	1.298	0.000	99	141922	20.0	16.8	M
7 Butadiene	54	1.356	1.356	0.000	93	110220	20.0	21.0	
8 Vinyl chloride	62	1.367	1.367	0.000	89	118384	20.0	19.4	
9 Bromomethane	94	1.573	1.573	0.000	99	109062	20.0	18.5	
10 Chloroethane	64	1.618	1.618	0.000	99	77299	20.0	19.2	
11 Dichlorofluoromethane	67	1.756	1.756	0.000	98	206350	20.0	18.5	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	55	177394	20.0	19.0	
13 Pentane	72	1.813	1.813	0.000	96	39516	40.0	35.8	
14 Ethanol	46	1.938	1.938	0.000	60	10465	800.0	492.5	M
15 Ethyl ether	59	1.950	1.950	0.000	94	65259	20.0	18.6	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	89	84441	20.0	21.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.996	1.996	0.000	86	86840	20.0	16.5	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	90	128647	20.0	15.7	Ma
19 Acrolein	56	2.041	2.041	0.000	96	176793	300.0	257.4	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	97	101564	20.0	24.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.144	2.144	0.000	95	130820	20.0	25.5	
22 Acetone	43	2.156	2.156	0.000	74	130713	100.0	101.6	
23 Iodomethane	142	2.224	2.224	0.000	96	195134	20.0	23.6	
25 Carbon disulfide	76	2.270	2.270	0.000	99	364977	20.0	25.4	
24 Isopropyl alcohol	45	2.327	2.327	0.000	24	27797	200.0	176.2	M
26 3-Chloro-1-propene	39	2.373	2.373	0.000	90	115346	20.0	21.5	
27 Methyl acetate	43	2.384	2.384	0.000	98	93475	40.0	39.2	
29 Acetonitrile	39	2.430	2.430	0.000	28	69420	200.0	202.5	a
28 Cyclopentene	67	2.441	2.441	0.000	93	245622	20.0	23.7	
31 Methylene Chloride	84	2.464	2.464	0.000	89	112615	20.0	21.1	
* 30 TBA-d9 (IS)	65	2.556	2.556	0.000	95	399270	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	2.601	2.601	0.000	34	98249	200.0	187.0	a
35 Acrylonitrile	53	2.647	2.647	0.000	97	303515	200.0	214.0	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	93	108403	20.0	23.3	
33 Methyl tert-butyl ether	73	2.670	2.670	0.000	89	279479	20.0	21.7	
36 Hexane	43	2.887	2.887	0.000	92	76153	20.0	22.9	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	99	171101	20.0	22.9	
39 Vinyl acetate	86	3.047	3.047	0.000	99	24609	40.0	38.7	
37 Isopropyl ether	45	3.070	3.070	0.000	84	273335	20.0	22.2	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	90	92931	20.0	22.4	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	89	121503	20.0	21.4	
* 42 2-Butanone-d5	46	3.459	3.459	0.000	98	295933	250.0	250.0	
46 2-Butanone (MEK)	72	3.493	3.493	0.000	95	50340	100.0	102.7	a
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	98	111167	20.0	21.6	
43 2,2-Dichloropropane	79	3.516	3.516	0.000	91	50001	20.0	21.5	
45 Ethyl acetate	70	3.550	3.550	0.000	97	14468	40.0	42.4	
48 Propionitrile	54	3.561	3.561	0.000	87	121180	200.0	182.0	
47 Methyl acrylate	55	3.573	3.573	0.000	97	77831	20.0	23.3	
51 Methacrylonitrile	67	3.699	3.699	0.000	88	321310	200.0	204.1	
50 Chlorobromomethane	128	3.710	3.710	0.000	85	53238	20.0	20.9	
49 Tetrahydrofuran	72	3.779	3.779	0.000	43	23645	40.0	36.1	
52 Chloroform	83	3.779	3.779	0.000	98	172424	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	3.927	3.927	0.000	96	213151	50.0	53.3	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	97	154476	20.0	23.8	
53 Cyclohexane	84	4.030	4.030	0.000	88	186090	20.0	23.9	
57 1,1-Dichloropropene	75	4.122	4.122	0.000	98	135327	20.0	23.6	
56 Carbon tetrachloride	117	4.133	4.133	0.000	96	113499	20.0	28.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	213498	50.0	53.0	
58 Isobutyl alcohol	74	4.316	4.316	0.000	34	26351	500.0	434.9	a
60 Benzene	78	4.316	4.316	0.000	93	388387	20.0	21.4	
64 1,2-Dichloroethane	62	4.327	4.327	0.000	97	109088	20.0	19.6	
59 Isooctane	57	4.419	4.419	0.000	92	394899	20.0	23.9	
62 Isopropyl acetate	61	4.419	4.419	0.000	67	26742	20.0	19.5	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	96	297319	20.0	21.9	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	758856	50.0	50.0	
65 n-Heptane	43	4.613	4.613	0.000	91	128727	20.0	22.1	
68 n-Butanol	56	4.944	4.944	0.000	36	32281	500.0	448.2	
69 Trichloroethene	95	4.990	4.990	0.000	99	90321	20.0	20.9	
70 Ethyl acrylate	55	5.127	5.127	0.000	97	67069	20.0	18.6	
71 Methylcyclohexane	83	5.219	5.219	0.000	93	214858	20.0	24.4	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	91	88733	20.0	22.1	
* 73 1,4-Dioxane-d8	96	5.345	5.345	0.000	39	43169	1000.0	1000.0	
77 Dibromomethane	93	5.367	5.367	0.000	92	53887	20.0	21.4	
75 1,4-Dioxane	88	5.402	5.402	0.000	28	27784	400.0	486.5	a
74 Methyl methacrylate	69	5.402	5.402	0.000	87	78683	40.0	39.9	
76 n-Propyl acetate	43	5.482	5.482	0.000	98	75111	20.0	20.4	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	103282	20.0	23.5	
79 2-Nitropropane	41	5.847	5.847	0.000	98	15420	40.0	55.7	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	1	3709	20.0	19.3	a
80 Epichlorohydrin	57	6.007	6.007	0.000	99	130014	400.0	418.0	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	93	115139	20.0	20.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.339	6.339	0.000	95	357511	100.0	104.1	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	768917	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.533	6.533	0.000	93	377234	20.0	20.1	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	97	91253	20.0	19.8	
86 Ethyl methacrylate	69	7.013	7.013	0.000	86	79078	20.0	18.9	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	97	56190	20.0	19.5	
88 Tetrachloroethene	166	7.265	7.265	0.000	93	81710	20.0	20.6	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	93	105800	20.0	19.1	
90 2-Hexanone	43	7.482	7.482	0.000	96	210806	100.0	130.6	
92 Chlorodibromomethane	129	7.608	7.608	0.000	97	58732	20.0	27.4	
91 n-Butyl acetate	43	7.699	7.699	0.000	99	69255	20.0	21.0	
93 Ethylene Dibromide	107	7.745	7.745	0.000	99	63083	20.0	19.0	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	512333	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	97	231676	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	94	75579	20.0	23.5	
96 Ethylbenzene	106	8.682	8.682	0.000	98	137375	20.0	20.7	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	164504	20.0	19.9	
100 o-Xylene	106	9.345	9.345	0.000	95	183887	20.0	20.1	
101 Styrene	104	9.368	9.368	0.000	96	253195	20.0	19.5	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	39344	20.0	21.3	
103 Bromoform	173	9.539	9.539	0.000	94	31011	20.0	28.0	
102 Amyl acetate (mixed isomers)	43	9.654	9.654	0.000	92	76683	20.0	28.7	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	483986	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	85	189757	50.0	47.8	
106 Bromobenzene	156	10.054	10.054	0.000	98	93627	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	97	102950	20.0	20.2	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	98	25096	20.0	17.1	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	73	18736	20.0	20.1	
108 N-Propylbenzene	91	10.202	10.202	0.000	99	545602	20.0	21.5	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	308314	20.0	20.4	
112 4-Ethyltoluene	105	10.316	10.316	0.000	100	451454	20.0	21.6	
114 4-Chlorotoluene	91	10.374	10.374	0.000	98	331834	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	93	413152	20.0	20.9	
115 Butyl Methacrylate	87	10.511	10.511	0.000	88	82323	20.0	28.6	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	321624	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	422902	20.0	20.4	
118 sec-Butylbenzene	105	10.877	10.877	0.000	99	567988	20.0	22.3	
120 1,3-Dichlorobenzene	146	10.957	10.957	0.000	96	185261	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	273105	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	94	470263	20.0	21.5	
122 1,4-Dichlorobenzene	146	11.037	11.037	0.000	94	185273	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	97	447611	20.0	20.4	
124 Benzyl chloride	91	11.162	11.162	0.000	98	97668	20.0	24.1	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	418095	20.0	21.3	
126 p-Diethylbenzene	119	11.345	11.345	0.000	93	247018	20.0	20.6	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	94	196423	20.0	19.6	
127 n-Butylbenzene	92	11.357	11.357	0.000	98	256934	20.0	20.7	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	475878	20.0	21.5	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	87	16382	20.0	15.8	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	95	164032	20.0	21.1	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	157159	20.0	20.4	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	88	60562	20.0	21.2	
134 Naphthalene	128	12.751	12.751	0.000	99	439060	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	96	164053	20.0	21.3	

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	44.9	
S 137 Xylenes, Total	100				0		40.0	40.0	
S 139 Total BTEX	1				0		100.0	102.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00498	Amount Added:	2.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 17-Oct-2022 14:01:20 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D

Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9 Operator ID:

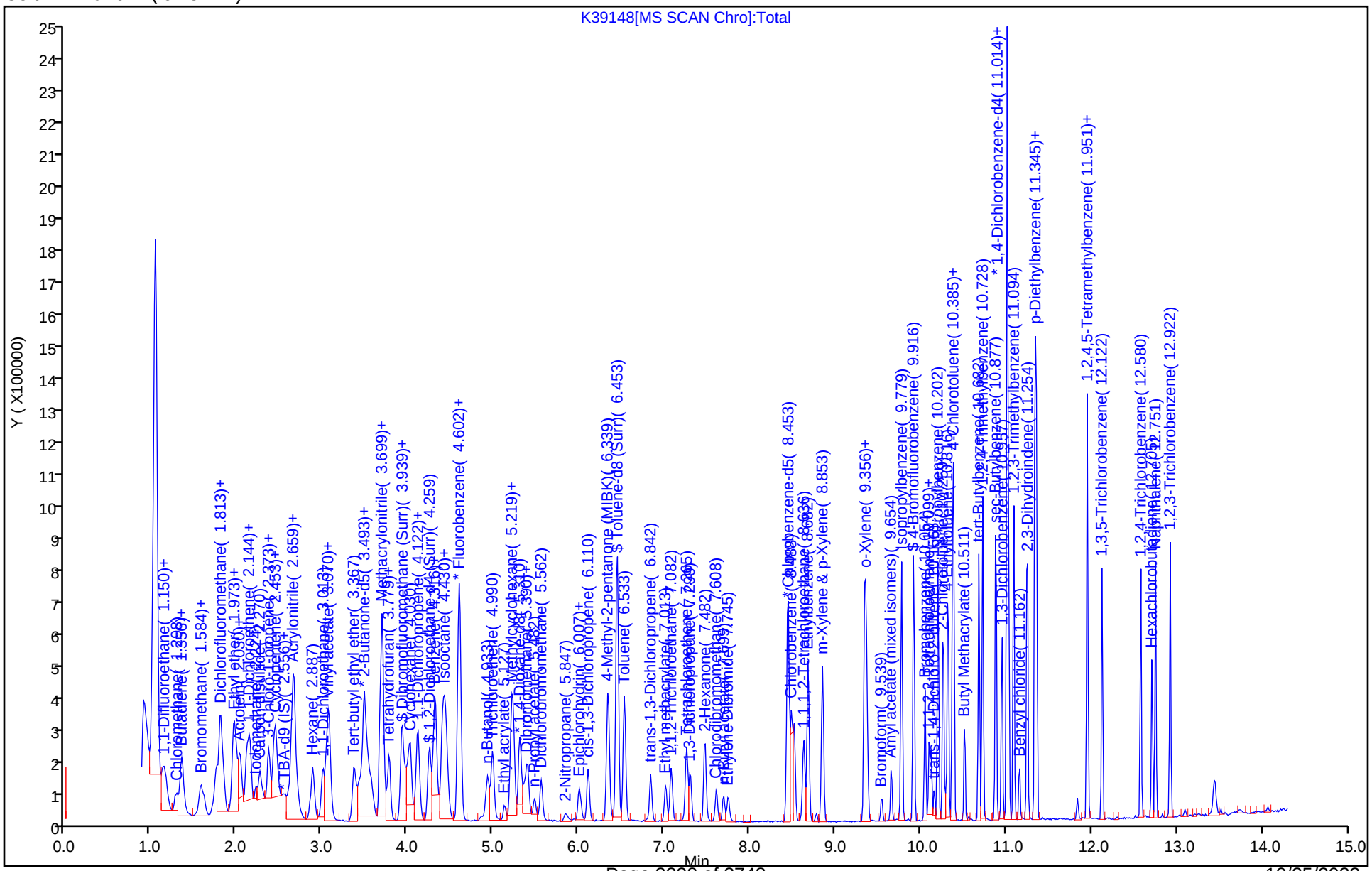
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

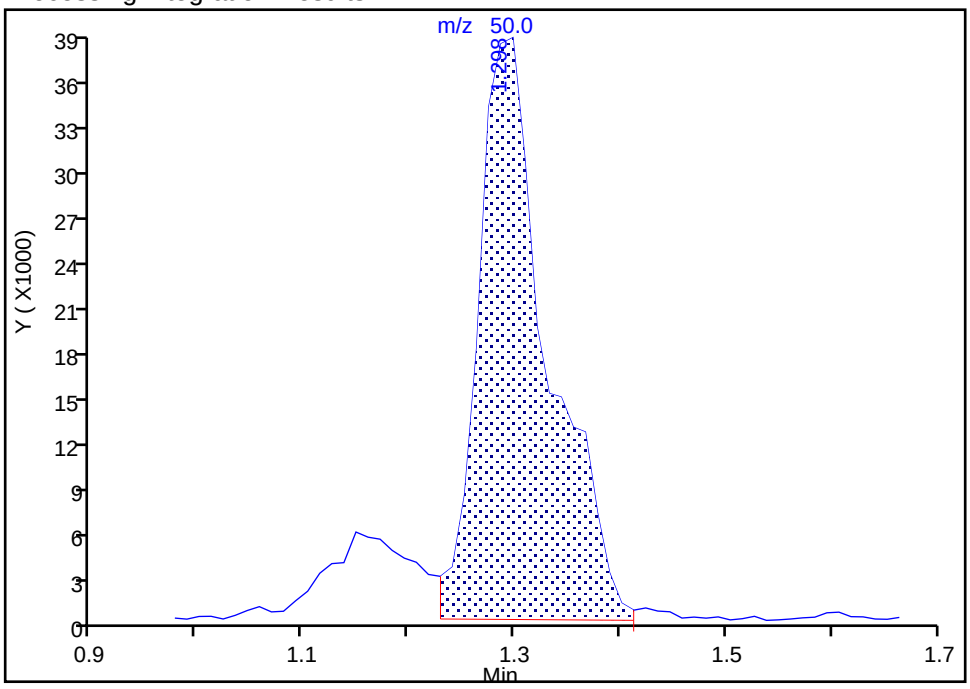
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

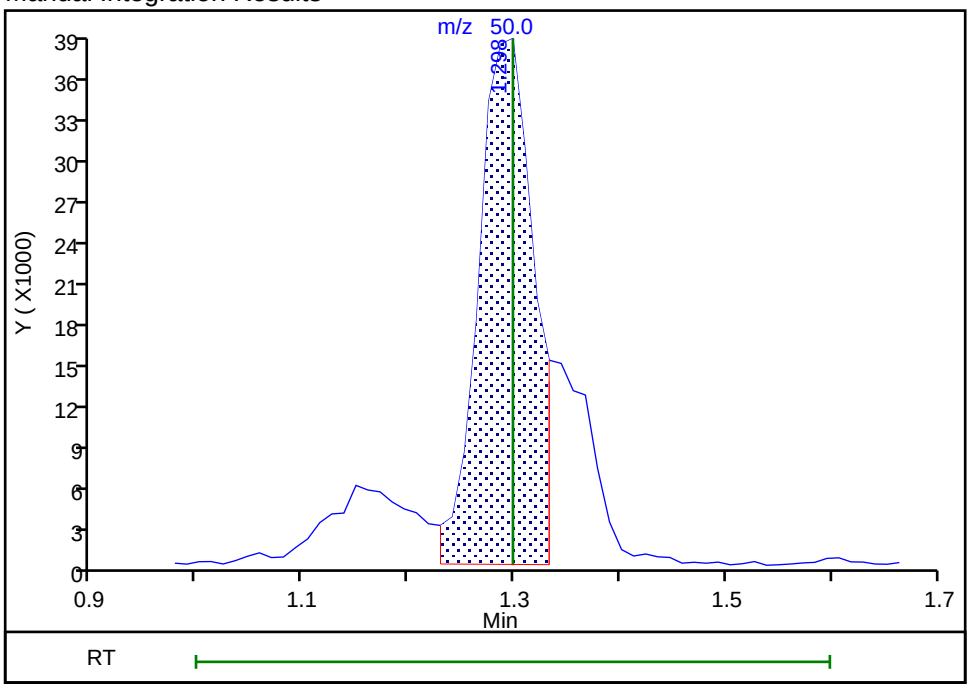
Processing Integration Results

RT: 1.30
Area: 177458
Amount: 21.035640
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 141922
Amount: 16.823249
Amount Units: ug/l



Reviewer: NN6A, 17-Oct-2022 14:00:45
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

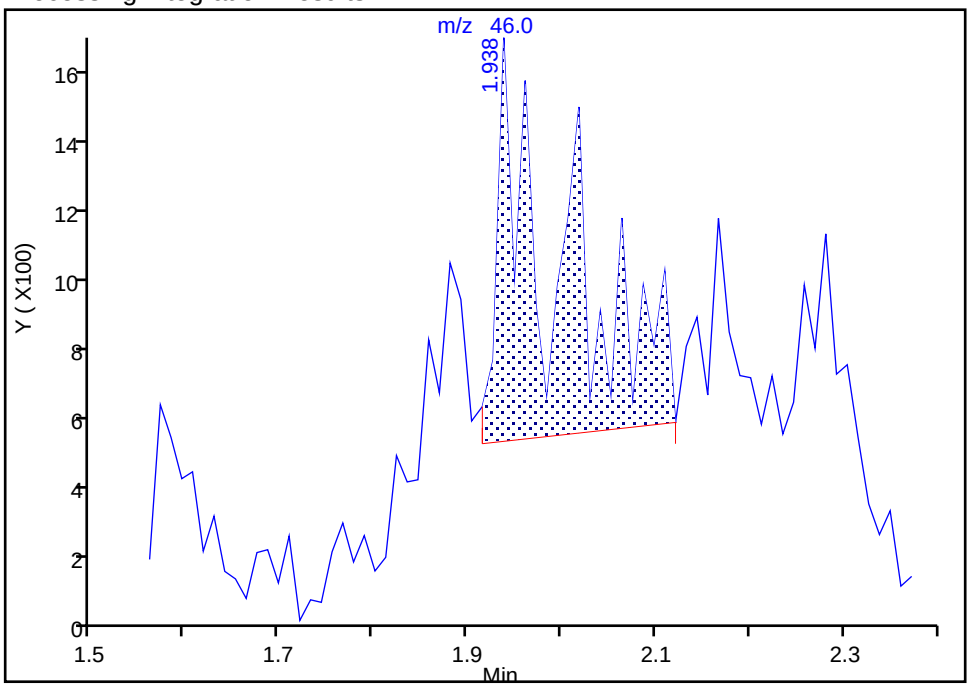
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

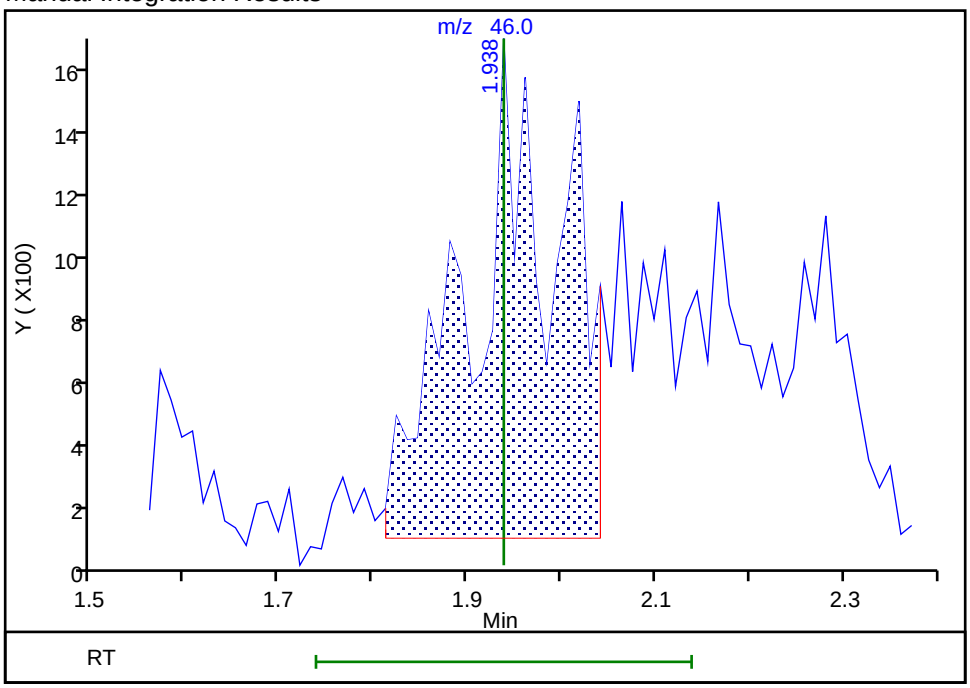
Processing Integration Results

RT: 1.94
Area: 5075
Amount: 238.8241
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 10465
Amount: 492.4717
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:40:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

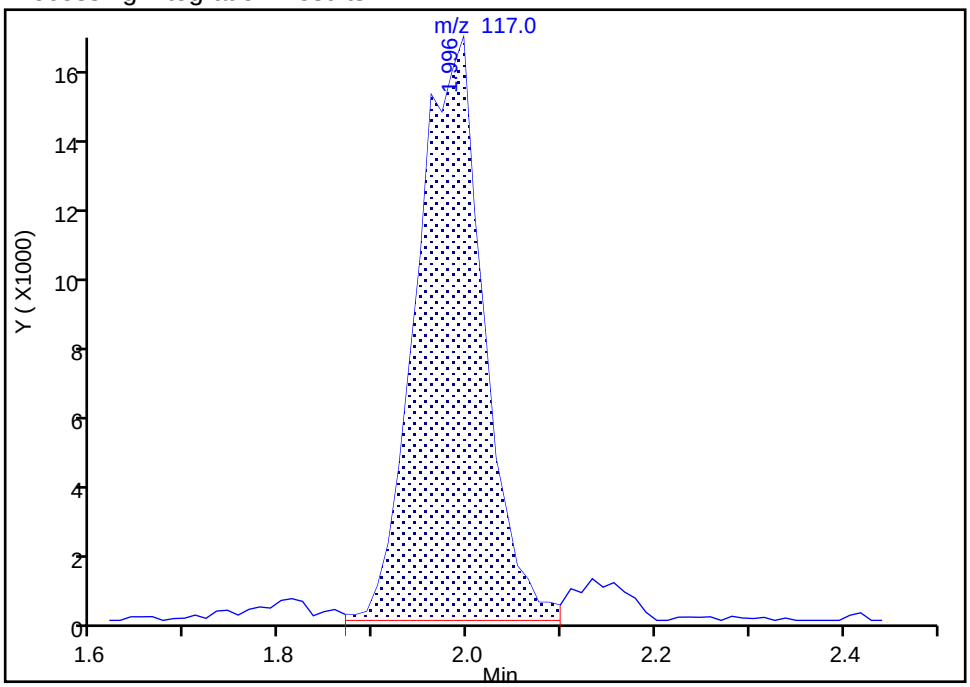
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Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

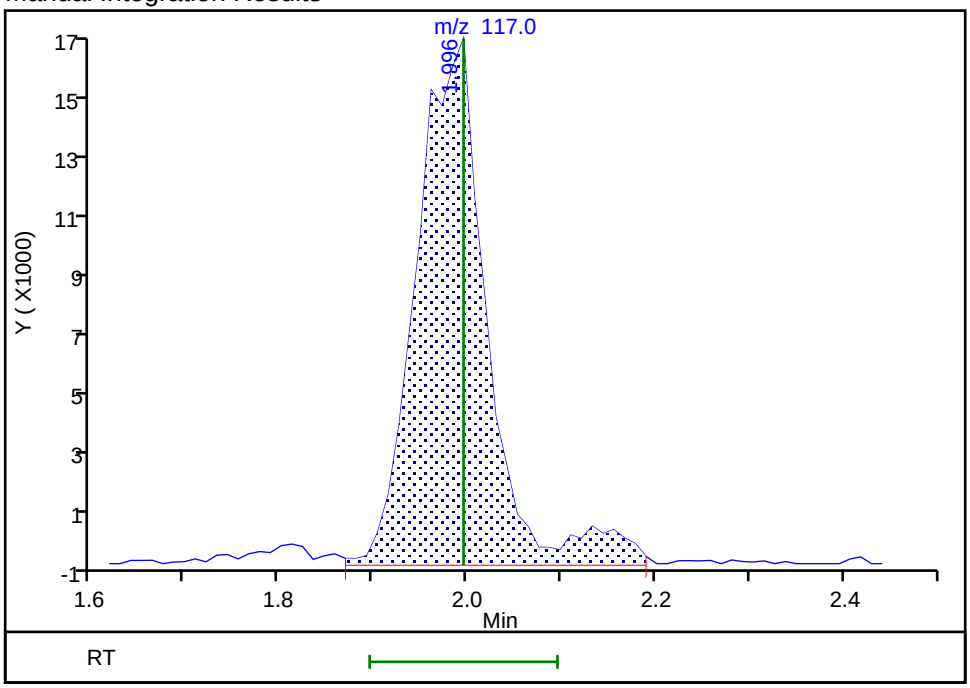
Processing Integration Results

RT: 2.00
Area: 81375
Amount: 15.453976
Amount Units: ug/l



Manual Integration Results

RT: 2.00
Area: 86840
Amount: 16.491838
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:42:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

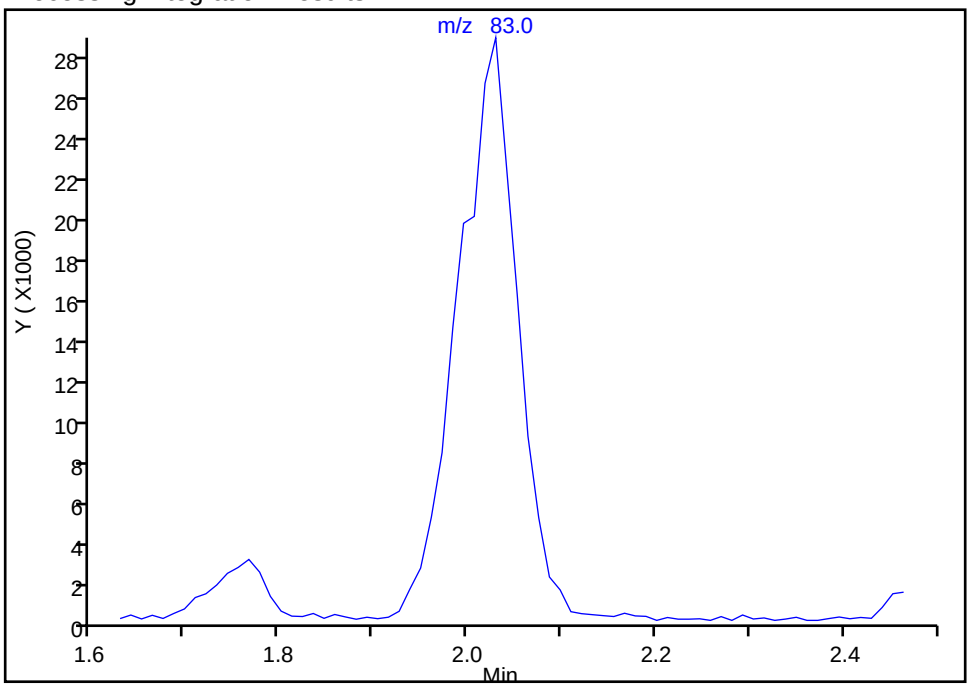
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

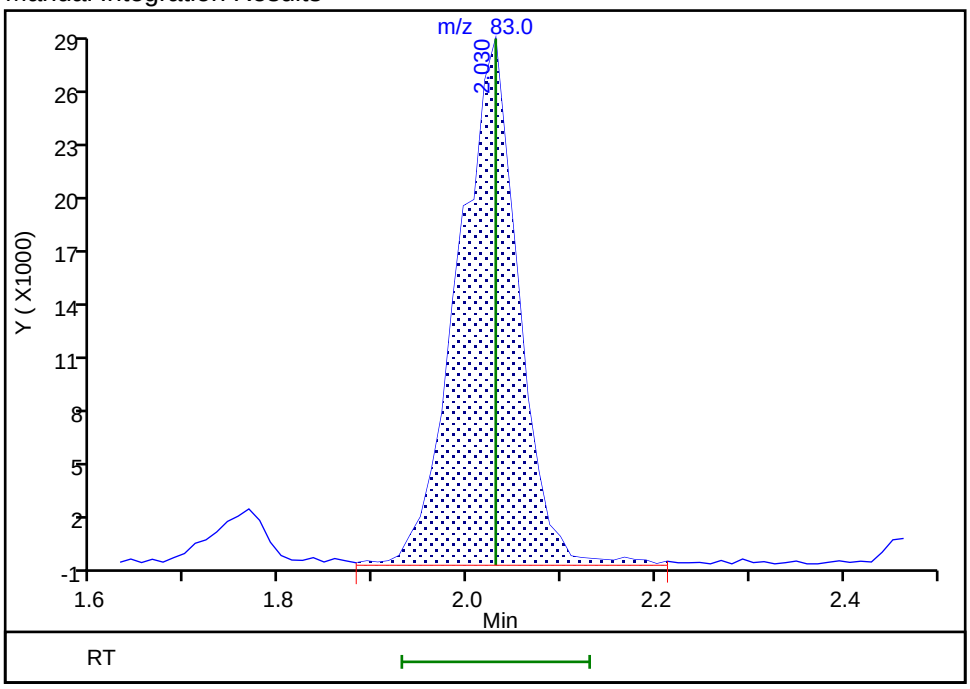
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 128647
Amount: 15.741219
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:43:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

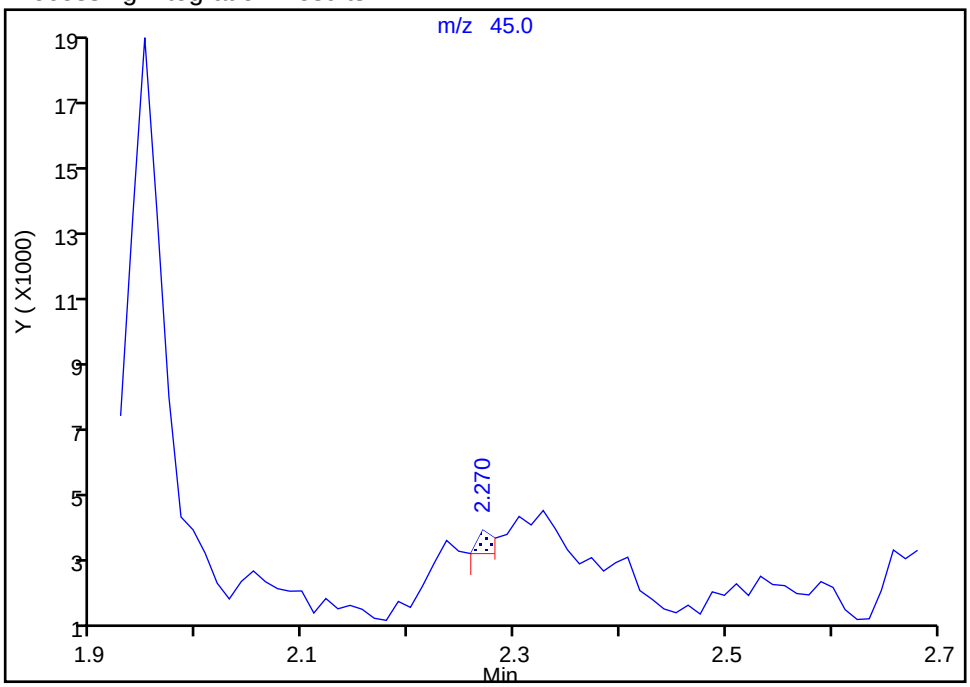
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

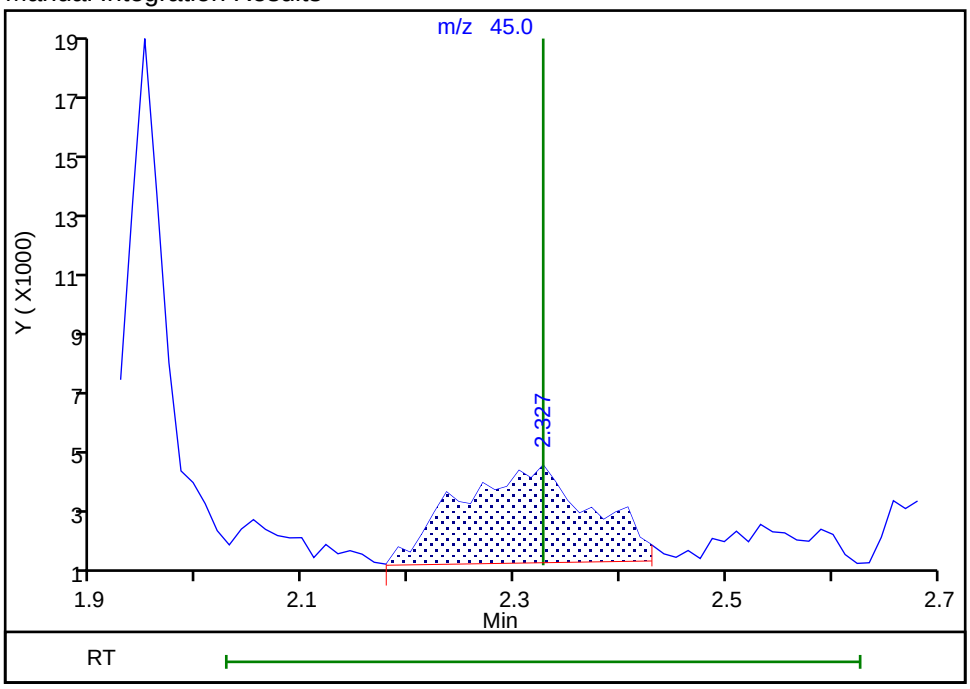
Processing Integration Results

RT: 2.27
Area: 781
Amount: 4.950085
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 27797
Amount: 176.1812
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:40:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

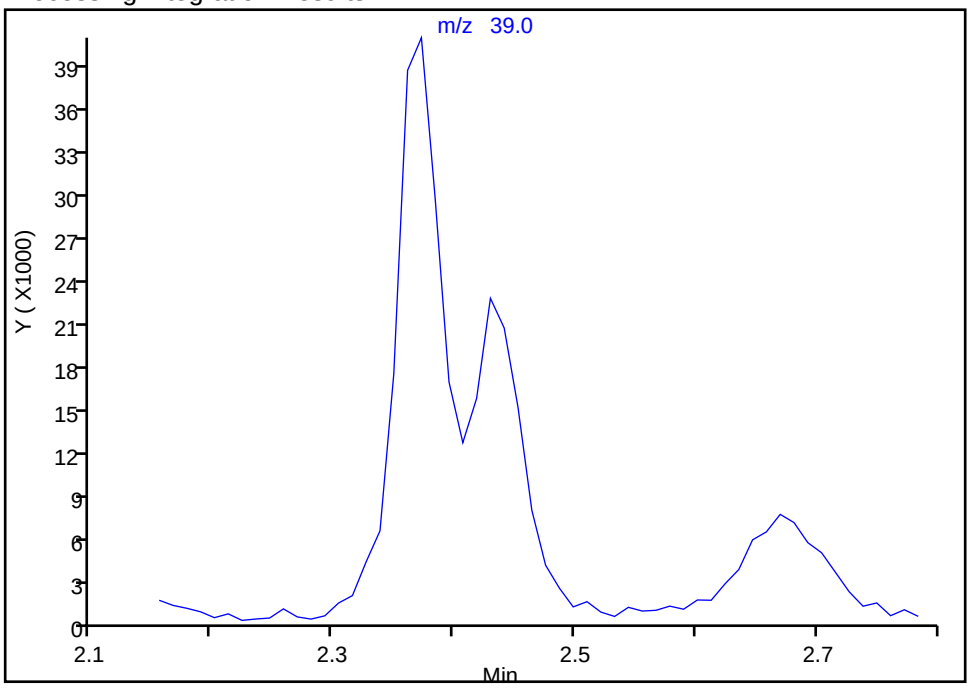
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

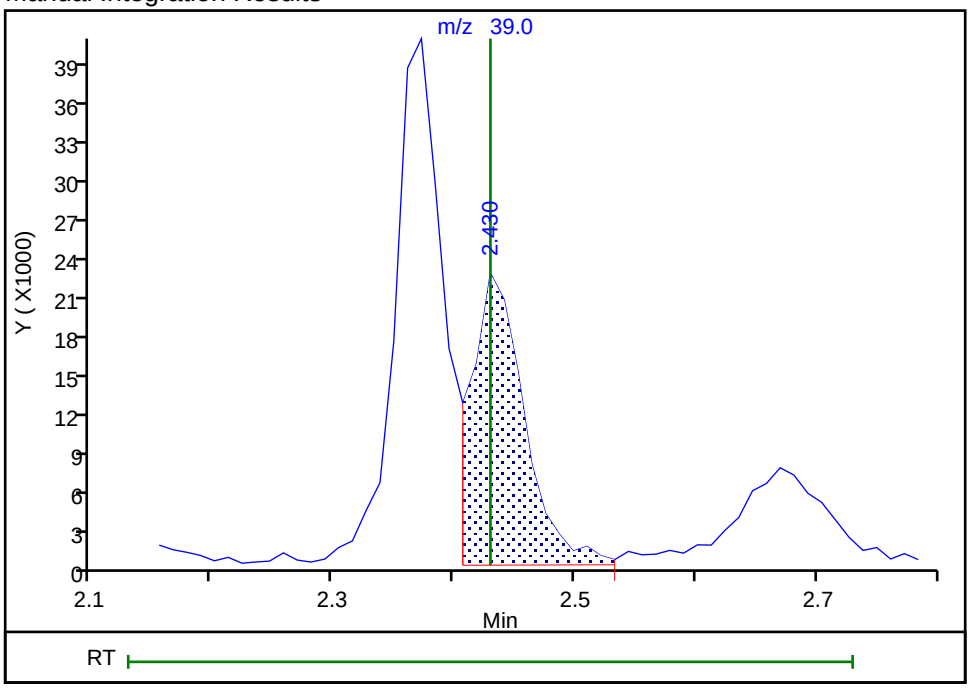
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 69420
Amount: 202.4577
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:41:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

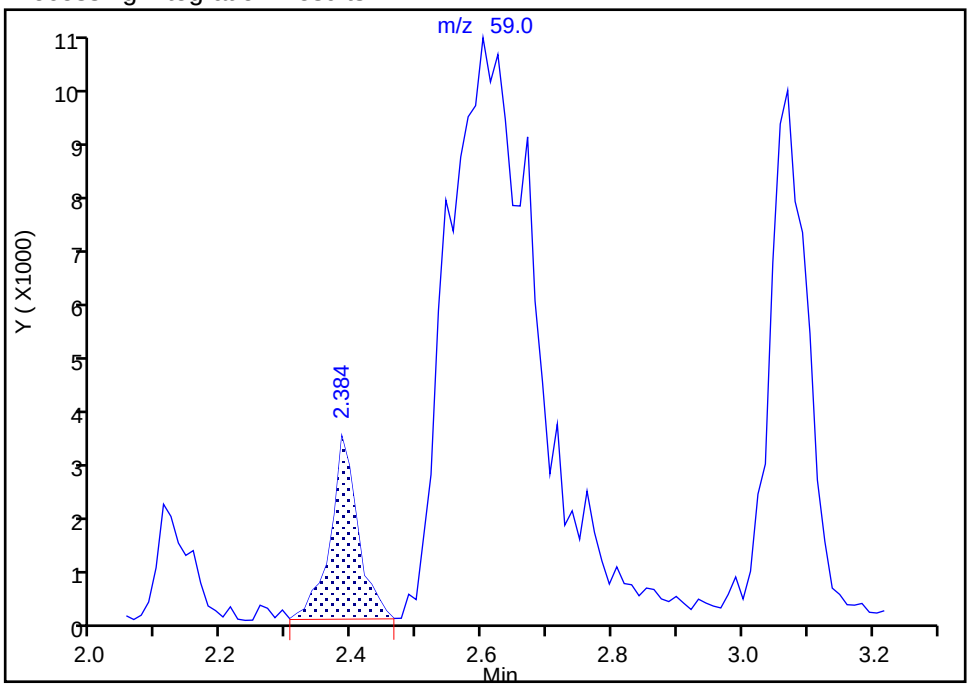
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

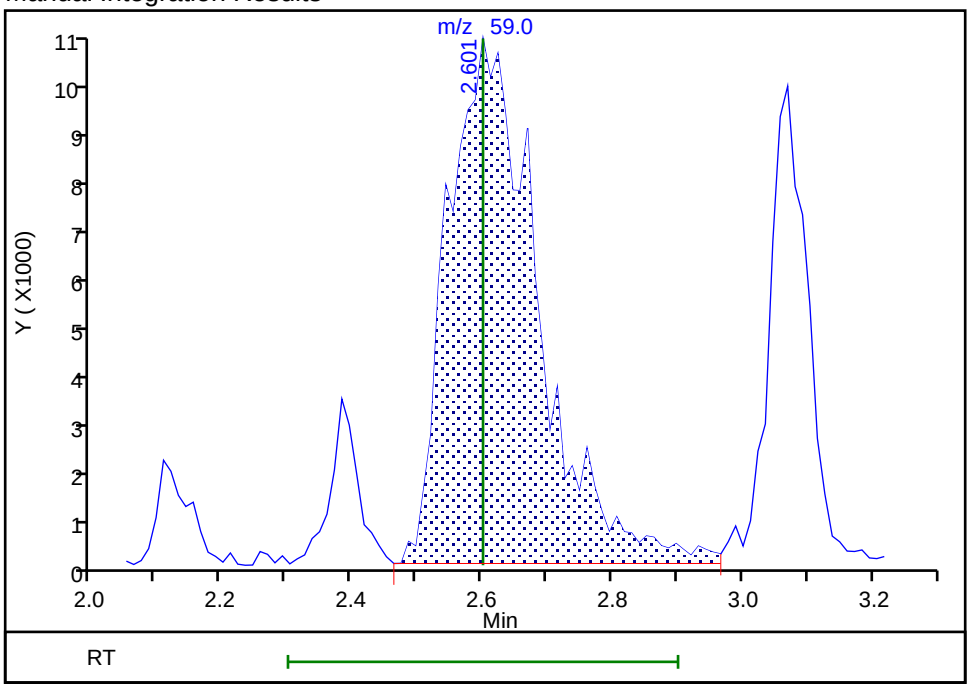
Processing Integration Results

RT: 2.38
Area: 9446
Amount: 17.975453
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 98249
Amount: 186.9649
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:40:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

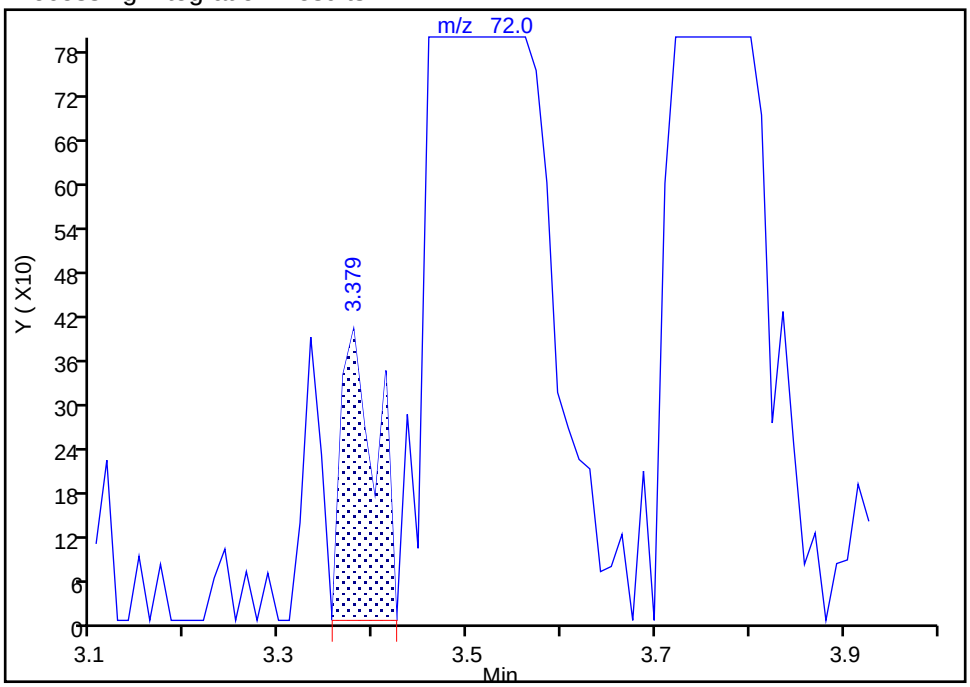
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

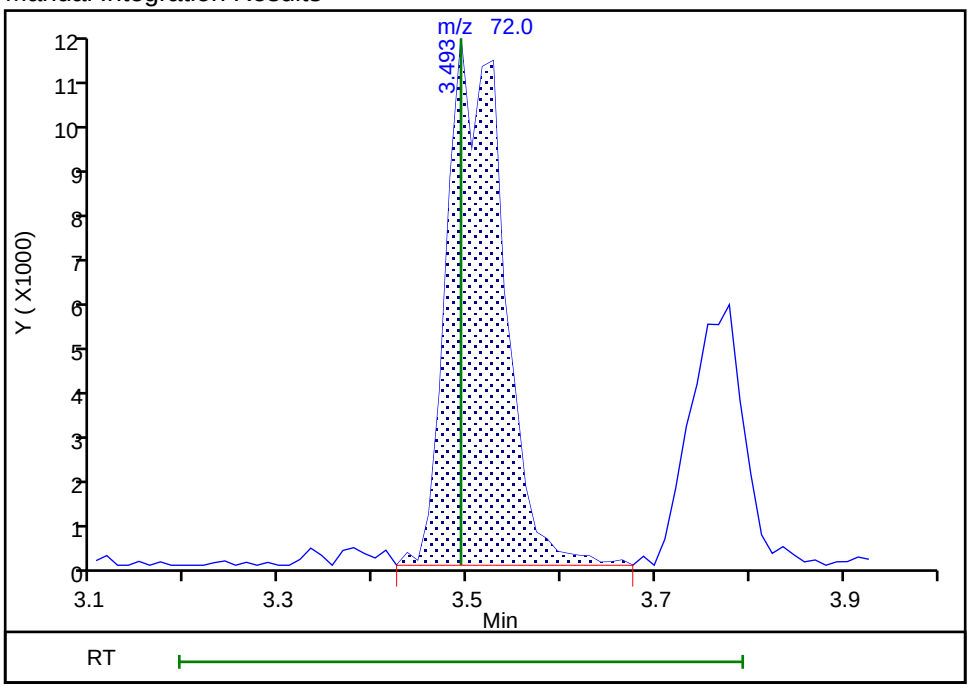
Processing Integration Results

RT: 3.38
Area: 1038
Amount: -1.528670
Amount Units: ug/l



Manual Integration Results

RT: 3.49
Area: 50340
Amount: 102.7315
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:41:17
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

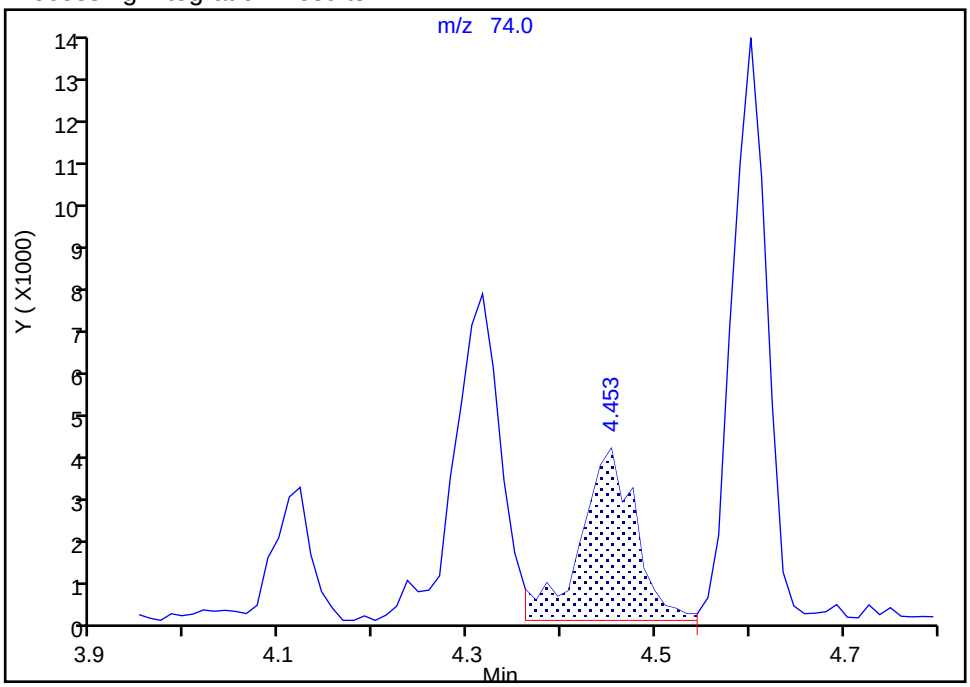
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

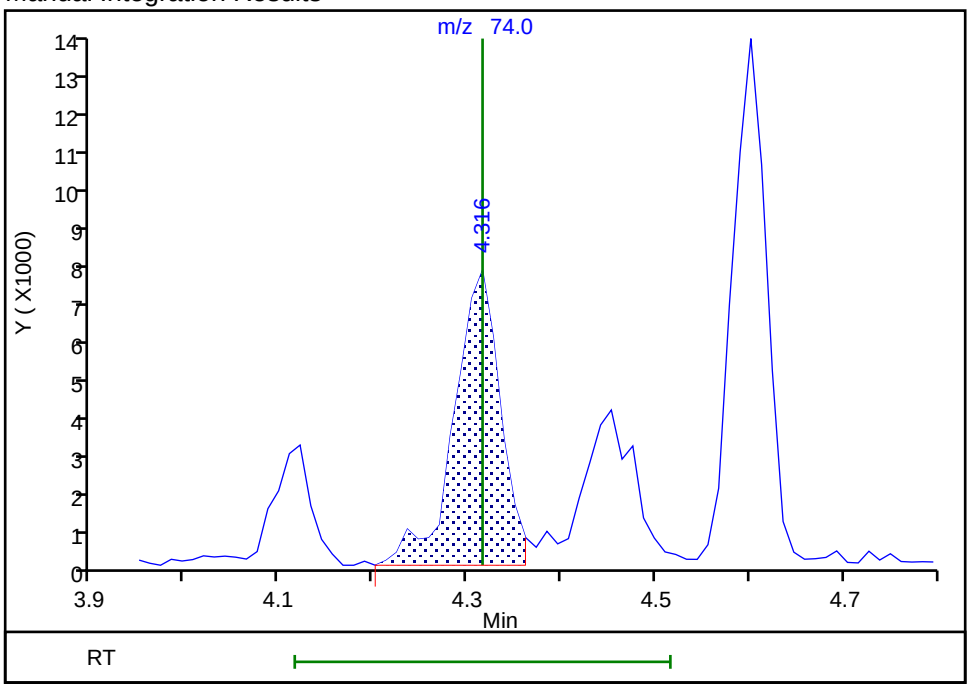
Processing Integration Results

RT: 4.45
Area: 16584
Amount: 273.7013
Amount Units: ug/l



Manual Integration Results

RT: 4.32
Area: 26351
Amount: 434.8952
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 10:33:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

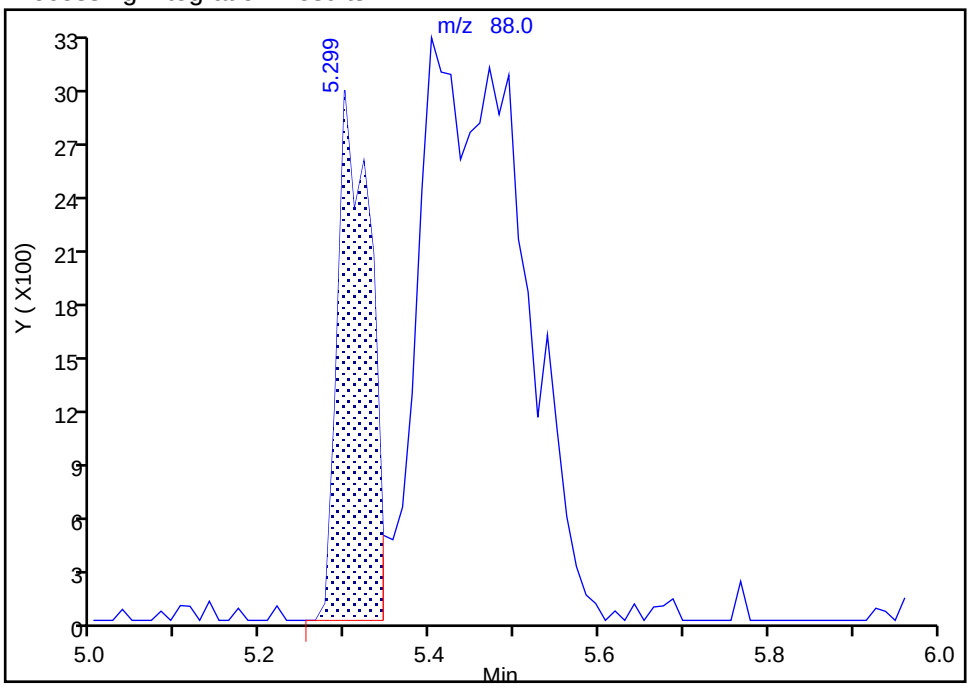
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

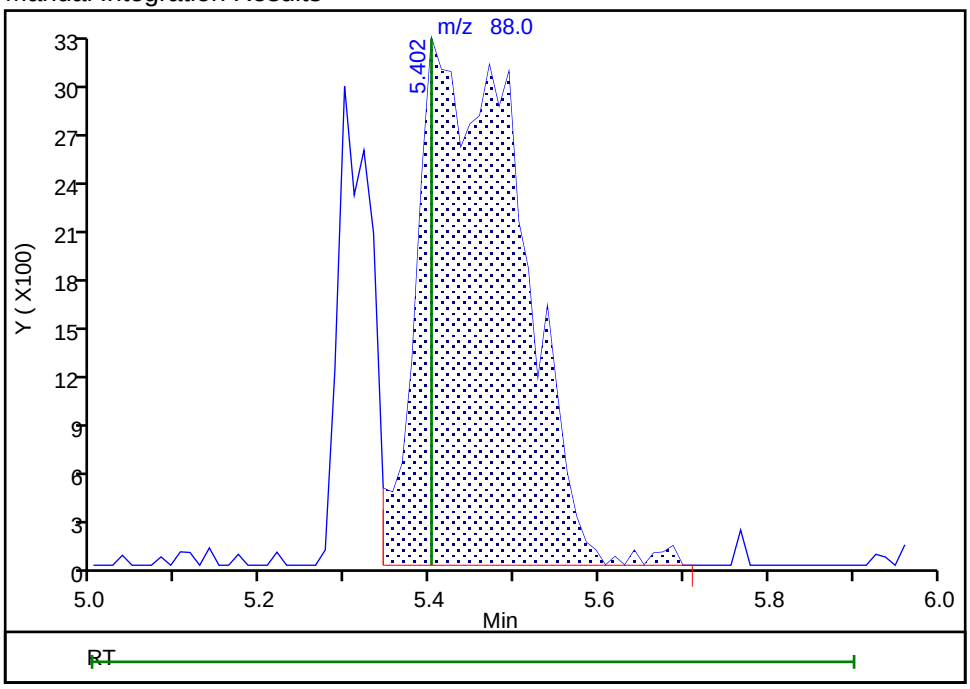
Processing Integration Results

RT: 5.30
Area: 7907
Amount: 138.4638
Amount Units: ug/l



Manual Integration Results

RT: 5.40
Area: 27784
Amount: 486.5407
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:41:36
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

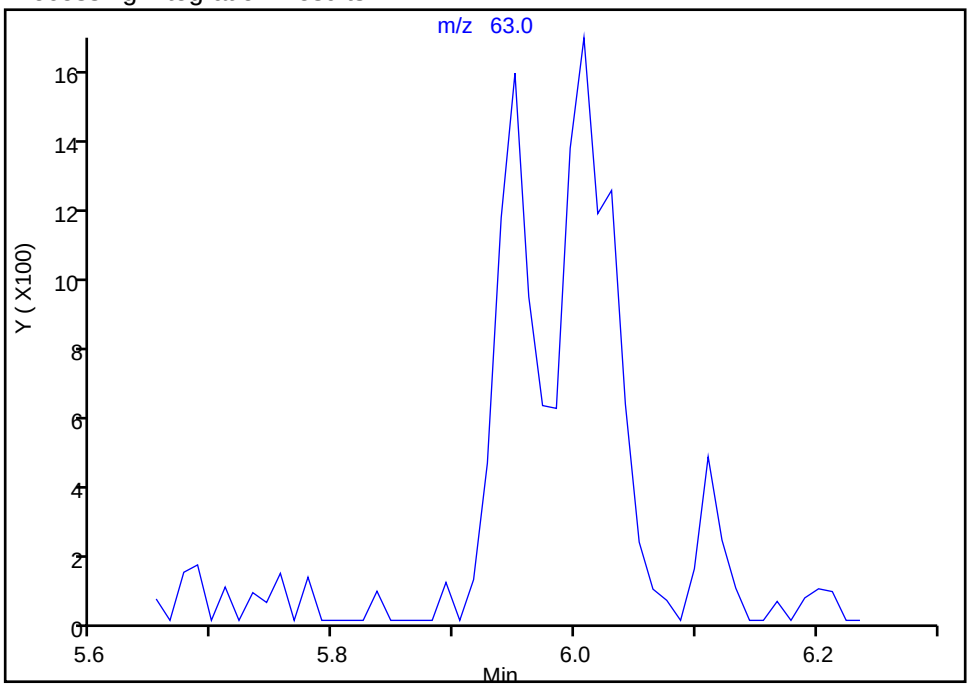
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39148.D
Injection Date: 17-Oct-2022 09:07:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

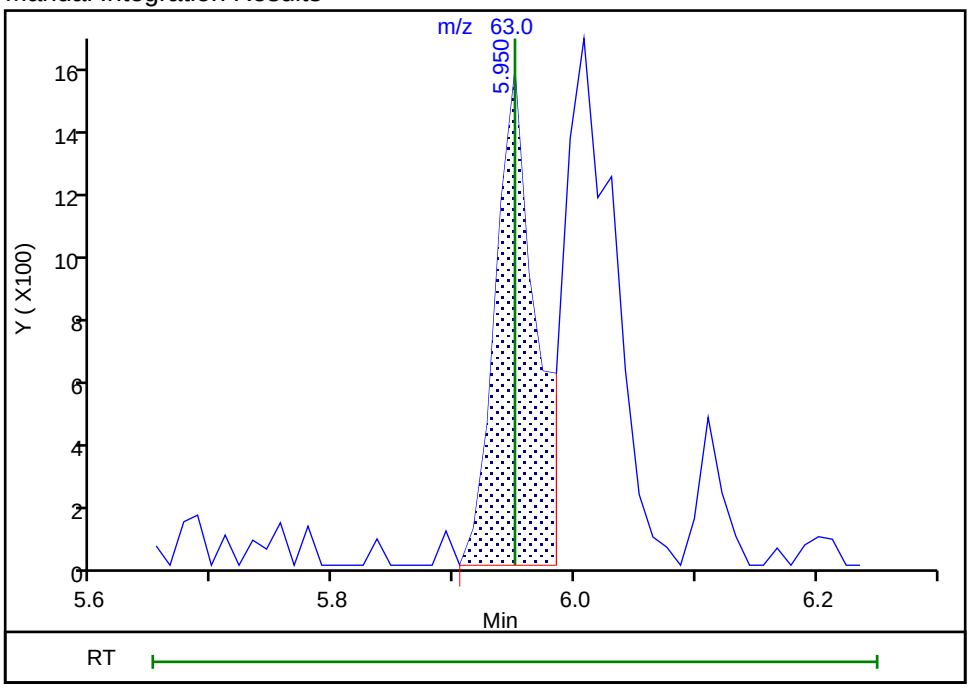
Not Detected
Expected RT: 5.95

Processing Integration Results



Manual Integration Results

RT: 5.95
Area: 3709
Amount: 19.255936
Amount Units: ug/l



Reviewer: K0HS, 17-Oct-2022 09:41:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872456/2 Calibration Date: 10/17/2022 19:46

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39176.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2098	0.0300		2.86	20.0	-85.7*	20.0
Chlorodifluoromethane	QuaF		0.0610		15.0	20.0	-24.9*	20.0
Dichlorodifluoromethane	Ave	0.5993	0.5711	0.1000	19.1	20.0	-4.7	20.0
Chloromethane	Ave	0.5558	0.5985	0.1000	21.5	20.0	7.7	20.0
Butadiene	Ave	0.3459	0.4425		25.6	20.0	27.9*	20.0
Vinyl chloride	Ave	0.4020	0.4721	0.1000	23.5	20.0	17.4	20.0
Bromomethane	Ave	0.3879	0.4396	0.1000	22.7	20.0	13.3	50.0
Chloroethane	Ave	0.2658	0.3085	0.1000	23.2	20.0	16.0	50.0
Dichlorofluoromethane	Ave	0.7331	0.8206		22.4	20.0	11.9	20.0
Pentane	Ave	2.764	2.131		30.8	40.0	-22.9*	20.0
Trichlorofluoromethane	Ave	0.6141	0.6640	0.1000	21.6	20.0	8.1	20.0
Ethanol	Ave	0.0532	0.0355		533	800	-33.3	50.0
Ethyl ether	Ave	0.2307	0.2255		19.5	20.0	-2.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2595	0.2485		19.1	20.0	-4.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3469	0.3083		17.8	20.0	-11.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5385	0.5012		18.6	20.0	-6.9	20.0
Acrolein	Ave	1.720	1.515		264	300	-11.9	50.0
1,1-Dichloroethene	Ave	0.2725	0.3087	0.1000	22.7	20.0	13.3	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3377	0.3708	0.1000	22.0	20.0	9.8	20.0
Acetone	Lin2		1.275	0.0500	118	100	17.7	50.0
Iodomethane	Ave	0.5459	0.6080		22.3	20.0	11.4	20.0
Carbon disulfide	Ave	0.9477	1.113	0.1000	23.5	20.0	17.4	50.0
Isopropyl alcohol	Ave	0.3952	0.3295		167	200	-16.6	50.0
3-Chloro-1-propene	Ave	0.3535	0.3919		22.2	20.0	10.9	20.0
Methyl acetate	Ave	5.974	5.892	0.1000	39.4	40.0	-1.4	20.0
Acetonitrile	Ave	0.8588	0.7457		174	200	-13.2	20.0
Cyclopentene	Ave	0.6826	0.7663		22.5	20.0	12.3	20.0
Methylene Chloride	Ave	0.3510	0.3630	0.1000	20.7	20.0	3.4	20.0
2-Methyl-2-propanol	Ave	1.316	1.411		214	200	7.2	50.0
Acrylonitrile	Ave	0.0935	0.1053		225	200	12.6	20.0
trans-1,2-Dichloroethene	Ave	0.3069	0.3381	0.1000	22.0	20.0	10.2	20.0
Methyl tert-butyl ether	Ave	0.8487	0.9401	0.1000	22.2	20.0	10.8	20.0
Hexane	Ave	0.2190	0.2267		20.7	20.0	3.5	20.0
1,1-Dichloroethane	Ave	0.4923	0.5444	0.2000	22.1	20.0	10.6	20.0
Vinyl acetate	Ave	1.592	1.488		37.4	40.0	-6.5	20.0
Isopropyl ether	Ave	0.8120	0.8852		21.8	20.0	9.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2735	0.3014		22.0	20.0	10.2	20.0
Tert-butyl ethyl ether	Ave	0.3736	0.4047		21.7	20.0	8.3	20.0
2,2-Dichloropropane	Ave	0.1530	0.1442		18.8	20.0	-5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872456/2 Calibration Date: 10/17/2022 19:46

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39176.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3391	0.3755	0.1000	22.1	20.0	10.7	20.0
2-Butanone (MEK)	Lin2		0.3977	0.0500	95.8	100	-4.2	50.0
Ethyl acetate	Ave	0.2883	0.3174		44.0	40.0	10.1	20.0
Methyl acrylate	Ave	0.2198	0.2454		22.3	20.0	11.7	20.0
Propionitrile	Ave	1.667	1.493		179	200	-10.4	20.0
Chlorobromomethane	Ave	0.1679	0.1797		21.4	20.0	7.0	20.0
Methacrylonitrile	Ave	0.1037	0.1096		211	200	5.7	20.0
Tetrahydrofuran	Ave	0.5531	0.5282		38.2	40.0	-4.5	20.0
Chloroform	Ave	0.5210	0.5552	0.2000	21.3	20.0	6.6	20.0
1,1,1-Trichloroethane	Ave	0.4280	0.4899	0.1000	22.9	20.0	14.5	20.0
Cyclohexane	Ave	0.5131	0.5575	0.1000	21.7	20.0	8.6	50.0
1,1-Dichloropropene	Ave	0.3779	0.3898		20.6	20.0	3.1	20.0
Carbon tetrachloride	Ave	0.2633	0.3405	0.1000	25.9	20.0	29.3*	20.0
1,2-Dichloroethane	Ave	0.3668	0.3647	0.1000	19.9	20.0	-0.6	20.0
Benzene	Ave	1.772	1.679	0.5000	18.9	20.0	-5.3	20.0
Isobutyl alcohol	Ave	0.1518	0.1265		417	500	-16.6	50.0
Isooctane	Ave	1.089	1.049		19.3	20.0	-3.7	20.0
Isopropyl acetate	Ave	0.0903	0.1006		22.3	20.0	11.4	20.0
Tert-amyl methyl ether	Ave	0.8941	0.9923		22.2	20.0	11.0	20.0
n-Heptane	Ave	0.3831	0.3644		19.0	20.0	-4.9	20.0
n-Butanol	Ave	0.1804	0.1711		474	500	-5.2	50.0
Trichloroethene	Ave	0.2842	0.2826	0.2000	19.9	20.0	-0.6	20.0
Ethyl acrylate	QuaF		0.2247		18.9	20.0	-5.4	20.0
Methylcyclohexane	Ave	0.5798	0.5996	0.1000	20.7	20.0	3.4	50.0
1,2-Dichloropropane	Ave	0.2644	0.2770	0.1000	21.0	20.0	4.8	20.0
Dibromomethane	Ave	0.1658	0.1695		20.4	20.0	2.2	20.0
1,4-Dioxane	Ave	1.323	1.543		466	400	16.6	50.0
Methyl methacrylate	Ave	0.1299	0.1504		46.3	40.0	15.8	20.0
n-Propyl acetate	QuaF		0.2615		21.6	20.0	7.8	20.0
Bromodichloromethane	Ave	0.2902	0.3348	0.2000	23.1	20.0	15.4	20.0
2-Nitropropane	QuaF		0.0339		74.0	40.0	85.0*	20.0
2-Chloroethyl vinyl ether	QuaF		0.0307		45.0	20.0	124.4*	20.0
Epichlorohydrin	Ave	0.2628	0.2813		428	400	7.1	20.0
cis-1,3-Dichloropropene	Ave	0.5552	0.5247	0.2000	18.9	20.0	-5.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.902	3.112	0.0500	107	100	7.3	50.0
Toluene	Ave	1.832	1.720	0.4000	18.8	20.0	-6.1	20.0
trans-1,3-Dichloropropene	Ave	0.4504	0.4151	0.1000	18.4	20.0	-7.8	50.0
Ethyl methacrylate	QuaF		0.3529		17.3	20.0	-13.3	20.0
1,1,2-Trichloroethane	Ave	0.2810	0.2665	0.1000	19.0	20.0	-5.2	20.0
Tetrachloroethene	Ave	0.3866	0.3727	0.2000	19.3	20.0	-3.6	20.0
1,3-Dichloropropane	Ave	0.5406	0.5173		19.1	20.0	-4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872456/2 Calibration Date: 10/17/2022 19:46

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39176.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	QuaF		1.627	0.0500	119	100	19.5	50.0
Dibromochloromethane	Qua2		0.3009	0.1000	28.7	20.0	43.6	50.0
n-Butyl acetate	QuaF		0.3319		20.6	20.0	3.0	20.0
Ethylene Dibromide	Ave	0.3247	0.3210	0.1000	19.8	20.0	-1.2	20.0
Chlorobenzene	Ave	1.121	1.087	0.5000	19.4	20.0	-3.0	20.0
1,1,1,2-Tetrachloroethane	Qua2		0.3639		23.2	20.0	15.9	20.0
Ethylbenzene	Ave	0.6470	0.6514	0.1000	20.1	20.0	0.7	20.0
m-Xylene & p-Xylene	Ave	0.8070	0.7589	0.1000	18.8	20.0	-6.0	20.0
o-Xylene	Ave	0.8914	0.8428	0.3000	18.9	20.0	-5.5	20.0
Styrene	Ave	1.270	1.210	0.3000	19.1	20.0	-4.7	20.0
n-Butyl acrylate	QuaF		0.1944		21.5	20.0	7.6	20.0
Bromoform	Qua2		0.1514	0.1000	28.0	20.0	40.1*	20.0
Amyl acetate (mixed isomers)	QuaF		0.5046		20.8	20.0	4.2	20.0
Isopropylbenzene	Ave	2.294	2.147	0.1000	18.7	20.0	-6.4	20.0
Bromobenzene	Ave	0.8608	0.7920		18.4	20.0	-8.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9346	0.9731	0.3000	20.8	20.0	4.1	20.0
1,2,3-Trichloropropane	Ave	0.2694	0.2453		18.2	20.0	-8.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1709	0.1791		21.0	20.0	4.8	20.0
N-Propylbenzene	Ave	4.654	4.497		19.3	20.0	-3.4	20.0
2-Chlorotoluene	Ave	2.768	2.627		19.0	20.0	-5.1	20.0
4-Ethyltoluene	Ave	3.833	3.643		19.0	20.0	-5.0	20.0
4-Chlorotoluene	Ave	2.904	2.750		18.9	20.0	-5.3	20.0
1,3,5-Trimethylbenzene	Ave	3.616	3.237		17.9	20.0	-10.5	20.0
Butyl Methacrylate	QuaF		0.5481		21.1	20.0	5.4	20.0
tert-Butylbenzene	Ave	2.904	2.385		16.4	20.0	-17.9	20.0
1,2,4-Trimethylbenzene	Ave	3.789	3.501		18.5	20.0	-7.6	20.0
sec-Butylbenzene	Ave	4.669	4.230		18.1	20.0	-9.4	20.0
1,3-Dichlorobenzene	Ave	1.691	1.566	0.6000	18.5	20.0	-7.4	20.0
4-Isopropyltoluene	Ave	3.996	3.692		18.5	20.0	-7.6	20.0
1,4-Dichlorobenzene	Ave	1.723	1.594	0.5000	18.5	20.0	-7.5	20.0
1,2,3-Trimethylbenzene	Ave	4.008	3.655		18.2	20.0	-8.8	20.0
Benzyl chloride	Qua2		0.8565		23.1	20.0	15.7	50.0
Indan	Ave	3.595	3.518		19.6	20.0	-2.1	20.0
1,2-Dichlorobenzene	Ave	1.834	1.661	0.4000	18.1	20.0	-9.4	20.0
p-Diethylbenzene	Ave	2.193	1.940		17.7	20.0	-11.5	20.0
n-Butylbenzene	Ave	2.269	2.017		17.8	20.0	-11.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.060	3.639		17.9	20.0	-10.4	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1845	0.0500	19.4	20.0	-3.1	50.0
1,3,5-Trichlorobenzene	Ave	1.425	1.301		18.3	20.0	-8.7	20.0
1,2,4-Trichlorobenzene	Ave	1.413	1.288	0.2000	18.2	20.0	-8.8	20.0
Hexachlorobutadiene	Ave	0.5228	0.4414		16.9	20.0	-15.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Lab Sample ID: CCVIS 460-872456/2 Calibration Date: 10/17/2022 19:46

Instrument ID: CVOAMS9 Calib Start Date: 10/04/2022 12:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2022 14:43

Lab File ID: K39176.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	3.860	3.805		19.7	20.0	-1.4	50.0
1,2,3-Trichlorobenzene	Ave	1.412	1.281		18.1	20.0	-9.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2633	0.2817		53.5	50.0	7.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2653	0.2736		51.6	50.0	3.1	20.0
Toluene-d8 (Surr)	Ave	1.530	1.429		46.7	50.0	-6.6	20.0
Bromofluorobenzene	Ave	0.3878	0.3793		48.9	50.0	-2.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39176.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2022 19:46:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151865-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:10:45 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 20:09:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.138	1.138	0.000	85	28284	NC	NC	
2 Chlorotrifluoroethene	116	1.150	1.150	0.000	40	9576	20.0	2.86	
5 Chlorodifluoromethane	67	1.173	1.173	0.000	94	19476	20.0	15.0	
4 Dichlorodifluoromethane	85	1.173	1.173	0.000	99	182311	20.0	19.1	
6 Chloromethane	50	1.287	1.287	0.000	98	191046	20.0	21.5	M
7 Butadiene	54	1.356	1.356	0.000	93	141259	20.0	25.6	
8 Vinyl chloride	62	1.367	1.367	0.000	89	150695	20.0	23.5	
9 Bromomethane	94	1.573	1.573	0.000	99	140338	20.0	22.7	
10 Chloroethane	64	1.618	1.618	0.000	80	98470	20.0	23.2	
11 Dichlorofluoromethane	67	1.756	1.756	0.000	99	261954	20.0	22.4	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	97	211957	20.0	21.6	
13 Pentane	72	1.813	1.813	0.000	96	38539	40.0	30.8	
14 Ethanol	46	1.950	1.950	0.000	65	12832	800.0	533.3	
15 Ethyl ether	59	1.950	1.950	0.000	95	71983	20.0	19.5	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	83	79314	20.0	19.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.996	1.996	0.000	85	98401	20.0	17.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	96	159980	20.0	18.6	a
19 Acrolein	56	2.053	2.053	0.000	96	205466	300.0	264.2	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	98	98540	20.0	22.7	
24 Isopropyl alcohol	45	2.316	2.316	0.000	24	29795	200.0	166.8	Ma
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.144	2.144	0.000	95	118365	20.0	22.0	
22 Acetone	43	2.167	2.167	0.000	66	173042	100.0	117.7	
23 Iodomethane	142	2.236	2.236	0.000	97	194074	20.0	22.3	
25 Carbon disulfide	76	2.281	2.281	0.000	99	355287	20.0	23.5	
26 3-Chloro-1-propene	39	2.373	2.373	0.000	90	125117	20.0	22.2	
27 Methyl acetate	43	2.396	2.396	0.000	97	106538	40.0	39.4	
29 Acetonitrile	39	2.441	2.441	0.000	25	67424	200.0	173.7	a
28 Cyclopentene	67	2.441	2.441	0.000	92	244622	20.0	22.5	
31 Methylene Chloride	84	2.464	2.464	0.000	86	115887	20.0	20.7	
* 30 TBA-d9 (IS)	65	2.567	2.567	0.000	94	452068	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	2.624	2.624	0.000	40	127578	200.0	214.4	a
35 Acrylonitrile	53	2.647	2.647	0.000	95	336058	200.0	225.3	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	92	107920	20.0	22.0	
33 Methyl tert-butyl ether	73	2.693	2.693	0.000	98	300113	20.0	22.2	
36 Hexane	43	2.899	2.899	0.000	91	72356	20.0	20.7	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	99	173781	20.0	22.1	
39 Vinyl acetate	86	3.047	3.047	0.000	99	26905	40.0	37.4	
37 Isopropyl ether	45	3.070	3.070	0.000	95	282588	20.0	21.8	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	90	96218	20.0	22.0	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	89	129201	20.0	21.7	
* 42 2-Butanone-d5	46	3.436	3.436	0.000	97	339230	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.504	3.504	0.000	97	119875	20.0	22.1	
43 2,2-Dichloropropane	79	3.504	3.504	0.000	88	46023	20.0	18.8	
46 2-Butanone (MEK)	72	3.516	3.516	0.000	99	53962	100.0	95.8	
45 Ethyl acetate	70	3.550	3.550	0.000	96	17225	40.0	44.0	
48 Propionitrile	54	3.573	3.573	0.000	86	135001	200.0	179.1	
47 Methyl acrylate	55	3.573	3.573	0.000	67	78326	20.0	22.3	M
51 Methacrylonitrile	67	3.710	3.710	0.000	89	349873	200.0	211.3	
50 Chlorobromomethane	128	3.710	3.710	0.000	85	57380	20.0	21.4	
49 Tetrahydrofuran	72	3.767	3.767	0.000	59	28671	40.0	38.2	
52 Chloroform	83	3.790	3.790	0.000	98	177232	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	95	224845	50.0	53.5	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	97	156401	20.0	22.9	
53 Cyclohexane	84	4.030	4.030	0.000	88	177953	20.0	21.7	
57 1,1-Dichloropropene	75	4.122	4.122	0.000	97	124436	20.0	20.6	
56 Carbon tetrachloride	117	4.133	4.133	0.000	96	108694	20.0	25.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	218346	50.0	51.6	
58 Isobutyl alcohol	74	4.327	4.327	0.000	58	28603	500.0	416.9	
60 Benzene	78	4.327	4.327	0.000	94	381859	20.0	18.9	
64 1,2-Dichloroethane	62	4.327	4.327	0.000	56	116426	20.0	19.9	
59 Isooctane	57	4.419	4.419	0.000	90	334721	20.0	19.3	
62 Isopropyl acetate	61	4.430	4.430	0.000	79	32124	20.0	22.3	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	97	316765	20.0	22.2	
* 66 Fluorobenzene	96	4.602	4.602	0.000	98	798056	50.0	50.0	
65 n-Heptane	43	4.624	4.624	0.000	76	116328	20.0	19.0	
68 n-Butanol	56	4.956	4.956	0.000	32	38664	500.0	474.2	
69 Trichloroethene	95	5.002	5.002	0.000	97	90222	20.0	19.9	
70 Ethyl acrylate	55	5.127	5.127	0.000	97	71720	20.0	18.9	
71 Methylcyclohexane	83	5.219	5.219	0.000	91	191406	20.0	20.7	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	88	88431	20.0	21.0	
* 73 1,4-Dioxane-d8	96	5.345	5.345	0.000	36	41033	1000.0	1000.0	
77 Dibromomethane	93	5.367	5.367	0.000	94	54098	20.0	20.4	
75 1,4-Dioxane	88	5.402	5.402	0.000	31	25321	400.0	466.5	
74 Methyl methacrylate	69	5.402	5.402	0.000	83	96020	40.0	46.3	
76 n-Propyl acetate	43	5.482	5.482	0.000	97	83465	20.0	21.6	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	106868	20.0	23.1	
79 2-Nitropropane	41	5.847	5.847	0.000	94	21660	40.0	74.0	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	83	9825	20.0	45.0	
80 Epichlorohydrin	57	6.007	6.007	0.000	99	152701	400.0	428.2	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	92	119359	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.350	6.350	0.000	95	422272	100.0	107.3	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	812481	50.0	46.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.533	6.533	0.000	93	391260	20.0	18.8	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	97	94434	20.0	18.4	
86 Ethyl methacrylate	69	7.025	7.025	0.000	88	80282	20.0	17.3	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	96	60612	20.0	19.0	
88 Tetrachloroethene	166	7.265	7.265	0.000	91	84771	20.0	19.3	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	91	117677	20.0	19.1	
90 2-Hexanone	43	7.482	7.482	0.000	95	220767	100.0	119.5	
92 Chlorodibromomethane	129	7.608	7.608	0.000	97	68450	20.0	28.7	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	75487	20.0	20.6	
93 Ethylene Dibromide	107	7.756	7.756	0.000	98	73009	20.0	19.8	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	87	568683	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	97	247332	20.0	19.4	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	91	82770	20.0	23.2	
96 Ethylbenzene	106	8.682	8.682	0.000	98	148184	20.0	20.1	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	172626	20.0	18.8	
100 o-Xylene	106	9.345	9.345	0.000	94	191716	20.0	18.9	
101 Styrene	104	9.368	9.368	0.000	97	275272	20.0	19.1	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	44211	20.0	21.5	
103 Bromoform	173	9.551	9.551	0.000	93	34437	20.0	28.0	
102 Amyl acetate (mixed isomers)	43	9.654	9.654	0.000	92	63780	20.0	20.8	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	488391	20.0	18.7	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	215697	50.0	48.9	
106 Bromobenzene	156	10.054	10.054	0.000	97	100107	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	98	123004	20.0	20.8	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	96	31007	20.0	18.2	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	70	22643	20.0	21.0	a
108 N-Propylbenzene	91	10.202	10.202	0.000	99	568424	20.0	19.3	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	332087	20.0	19.0	
112 4-Ethyltoluene	105	10.316	10.316	0.000	99	460470	20.0	19.0	
114 4-Chlorotoluene	91	10.374	10.374	0.000	98	347577	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	93	409211	20.0	17.9	
115 Butyl Methacrylate	87	10.522	10.522	0.000	88	69287	20.0	21.1	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	301430	20.0	16.4	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	442503	20.0	18.5	
118 sec-Butylbenzene	105	10.877	10.877	0.000	99	534705	20.0	18.1	
120 1,3-Dichlorobenzene	146	10.957	10.957	0.000	97	197969	20.0	18.5	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	96	316011	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	91	466702	20.0	18.5	
122 1,4-Dichlorobenzene	146	11.037	11.037	0.000	96	201501	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	462051	20.0	18.2	
124 Benzyl chloride	91	11.162	11.162	0.000	99	108261	20.0	23.1	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	444713	20.0	19.6	
126 p-Diethylbenzene	119	11.345	11.345	0.000	93	245216	20.0	17.7	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	97	210004	20.0	18.1	
127 n-Butylbenzene	92	11.357	11.357	0.000	98	254954	20.0	17.8	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	98	459975	20.0	17.9	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	91	23327	20.0	19.4	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	96	164515	20.0	18.3	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	162846	20.0	18.2	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	88	55791	20.0	16.9	
134 Naphthalene	128	12.751	12.751	0.000	99	481004	20.0	19.7	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	161920	20.0	18.1	

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	44.2	
S 137 Xylenes, Total	100				0		40.0	37.7	
S 139 Total BTEX	1				0		100.0	95.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00498	Amount Added:	2.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 18-Oct-2022 12:10:46 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39176.D

Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9 Operator ID:

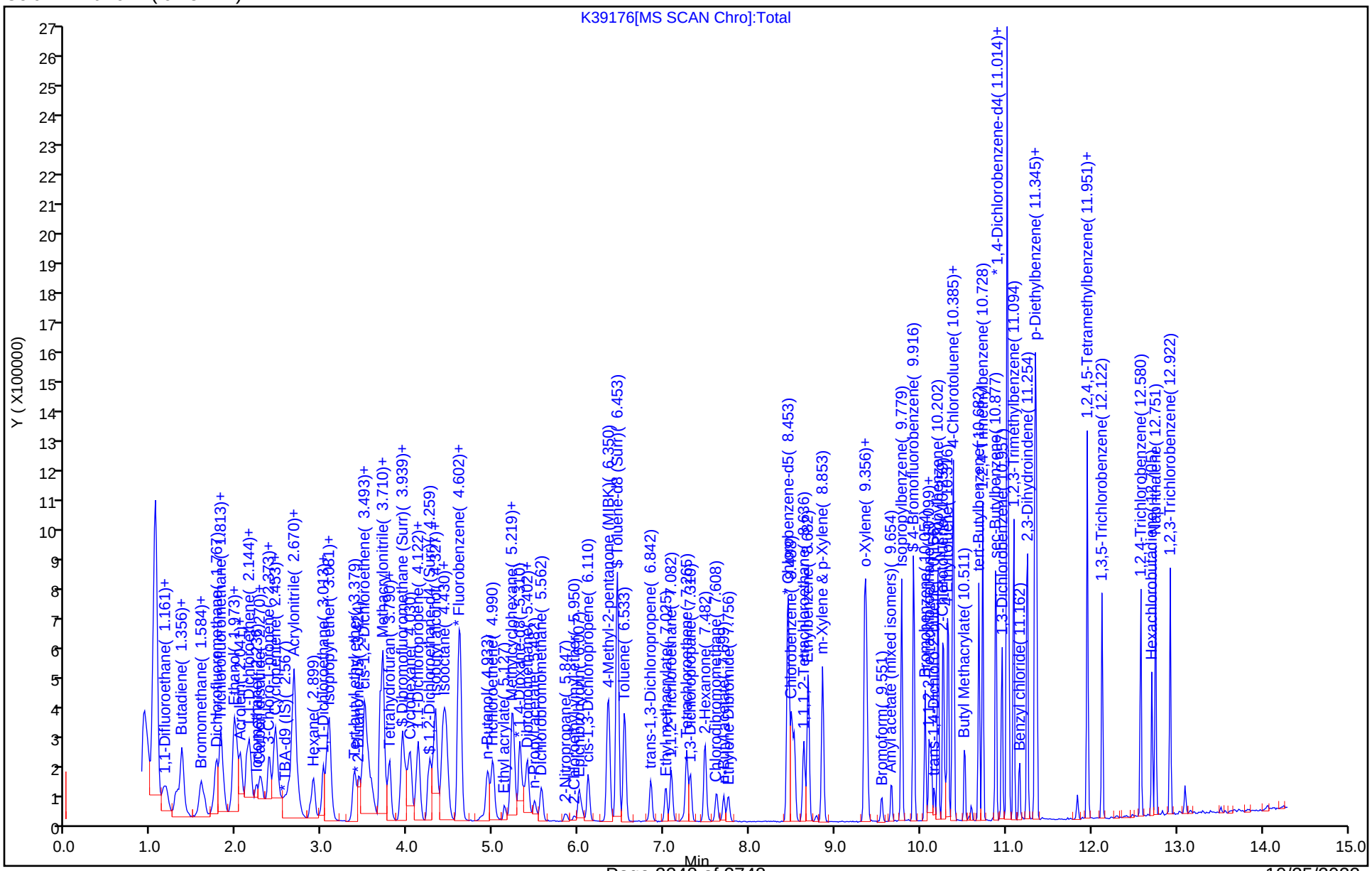
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

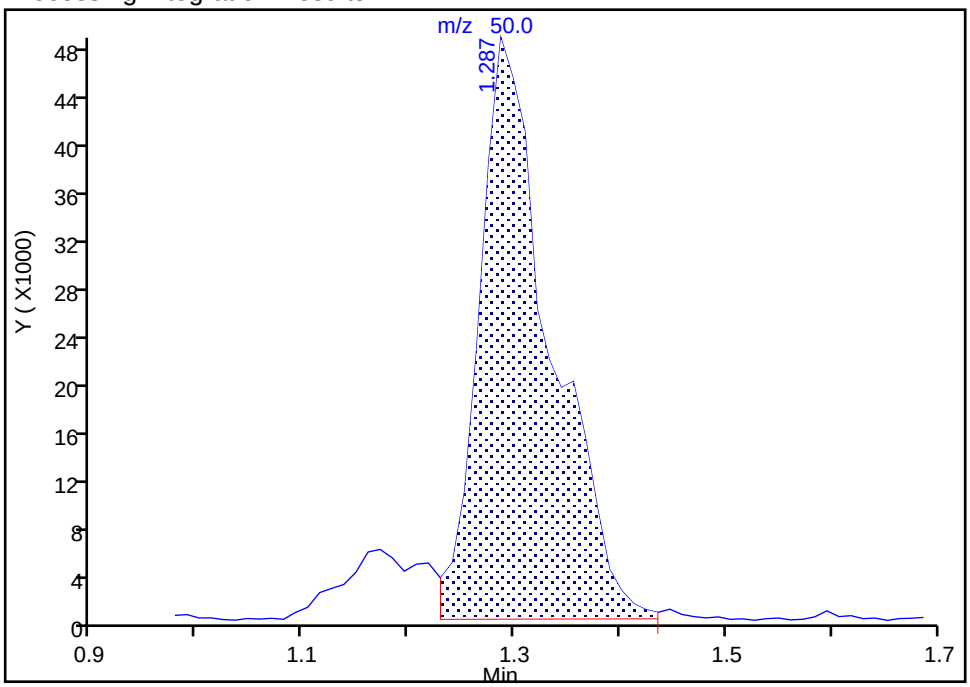
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Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

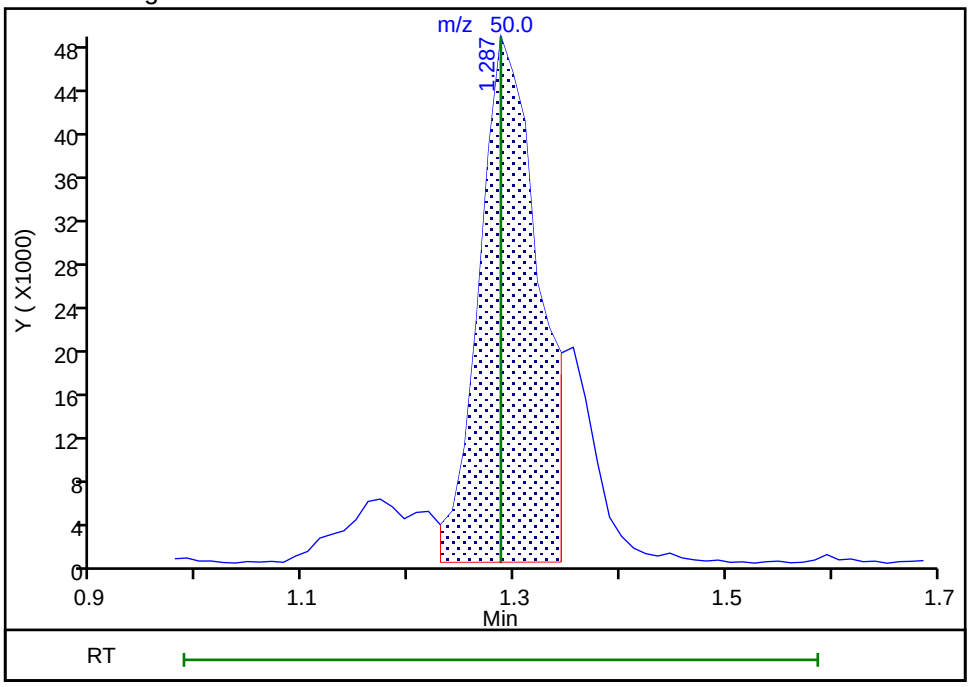
Processing Integration Results

RT: 1.29
Area: 227257
Amount: 25.615535
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 191046
Amount: 21.533970
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 12:09:59
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

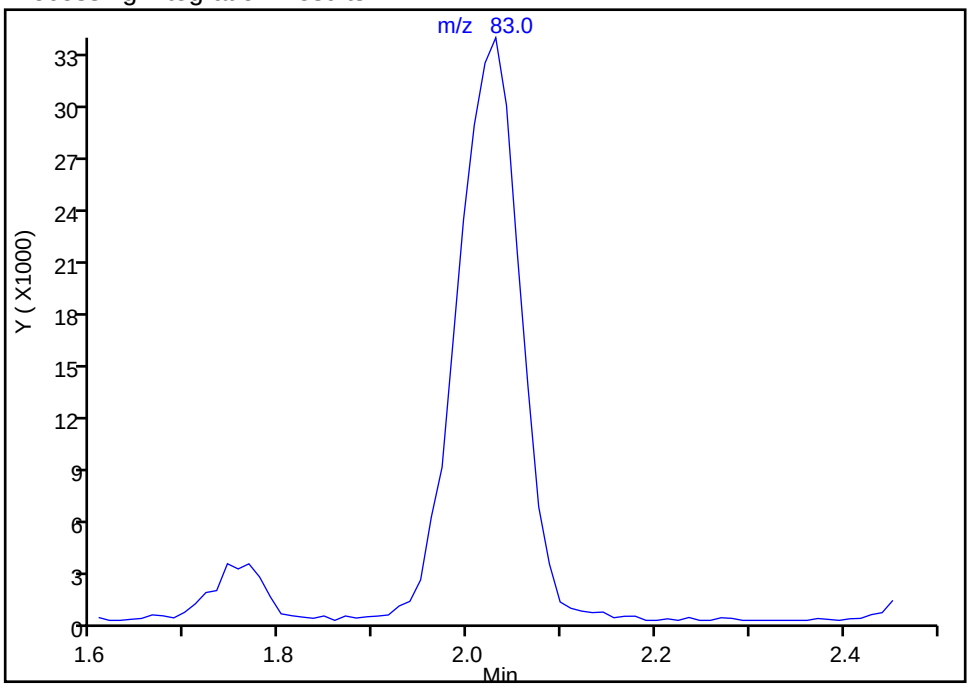
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Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

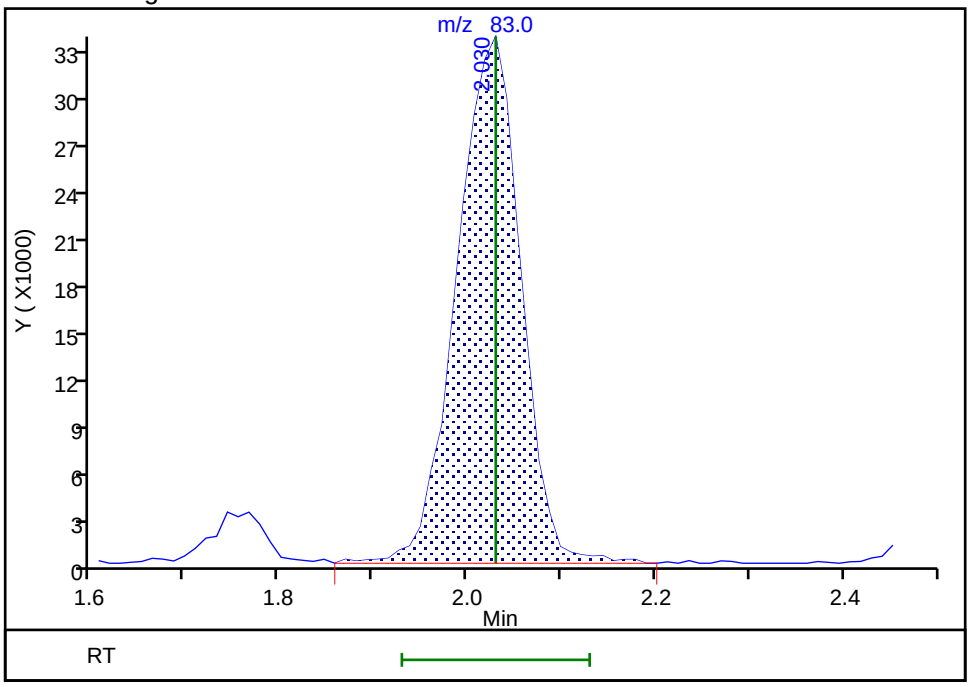
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 159980
Amount: 18.613601
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 20:07:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

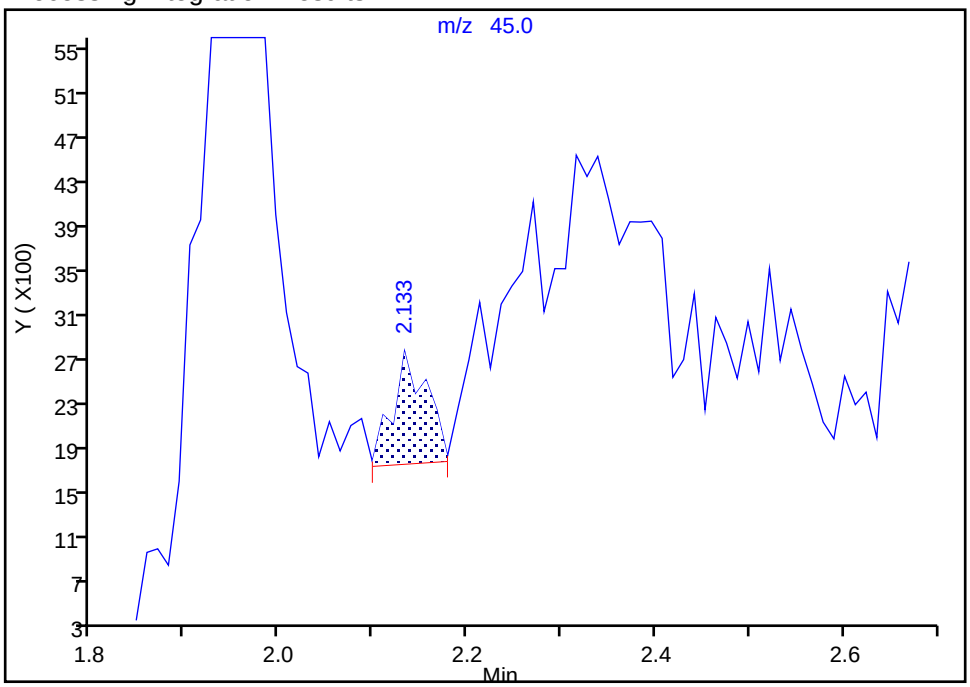
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Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

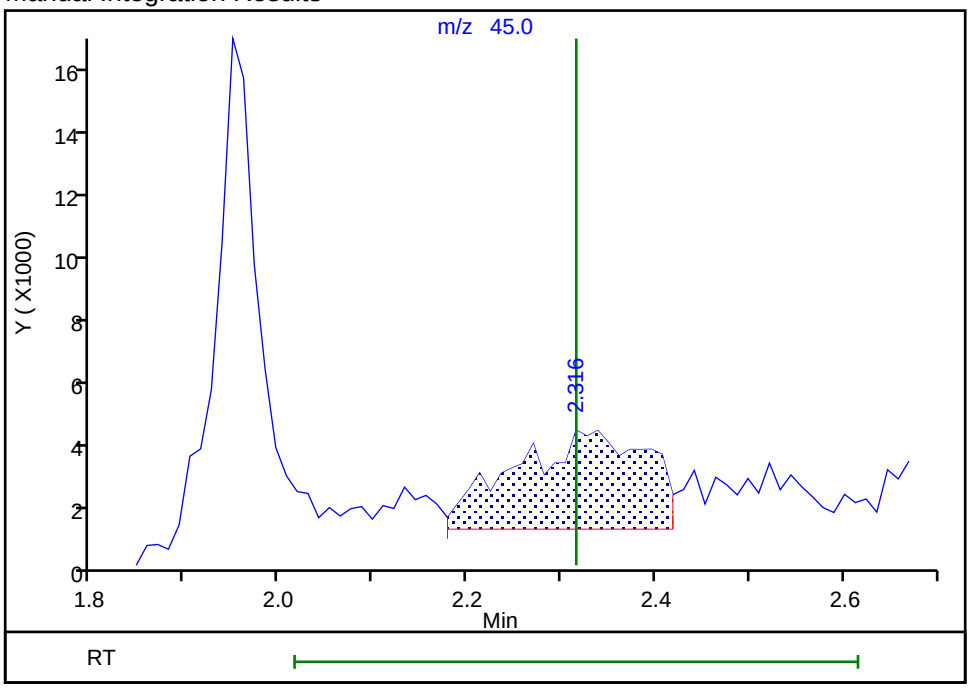
Processing Integration Results

RT: 2.13
Area: 2550
Amount: 14.274625
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 29795
Amount: 166.7892
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 12:10:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

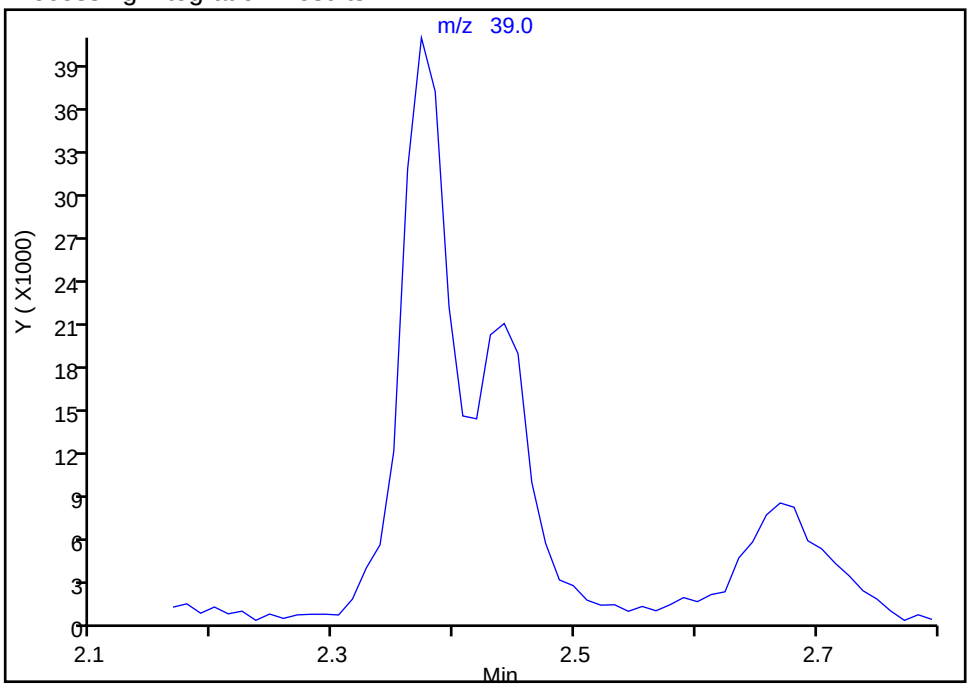
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Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

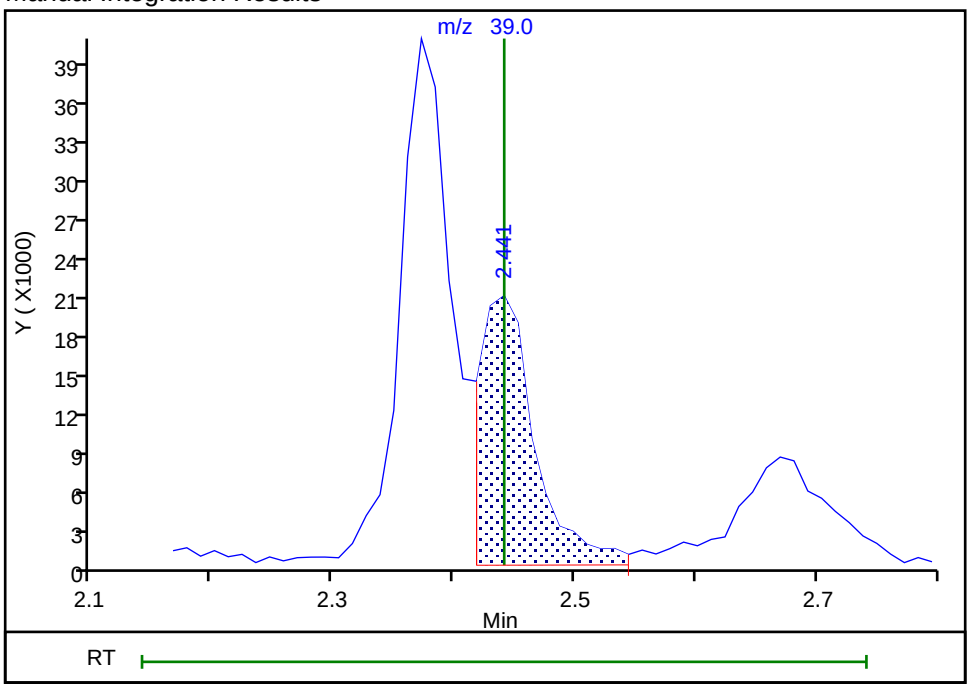
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 67424
Amount: 173.6709
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 20:07:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

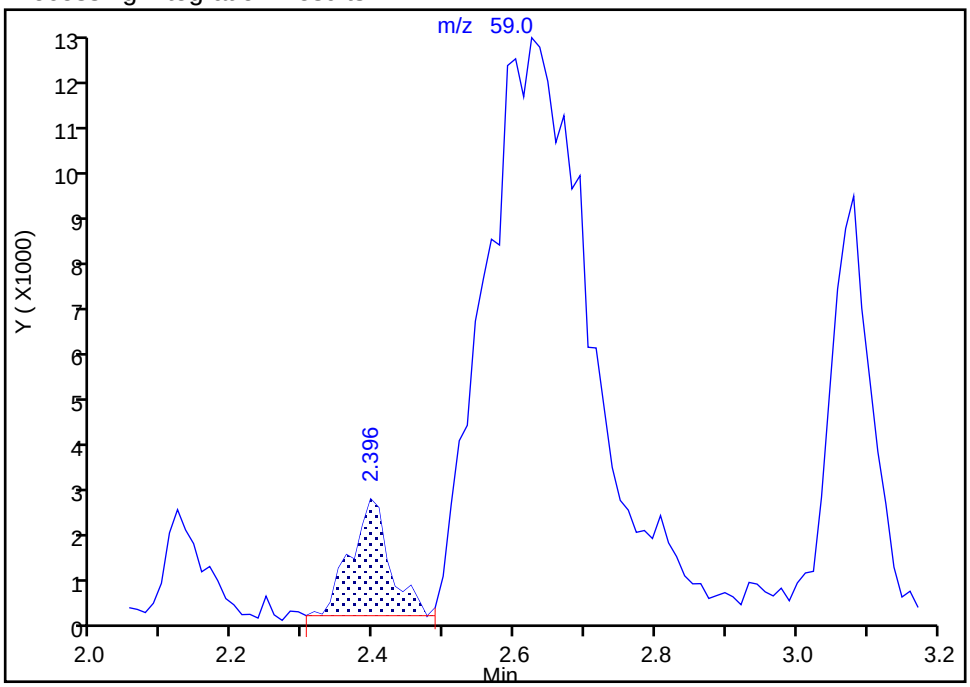
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Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

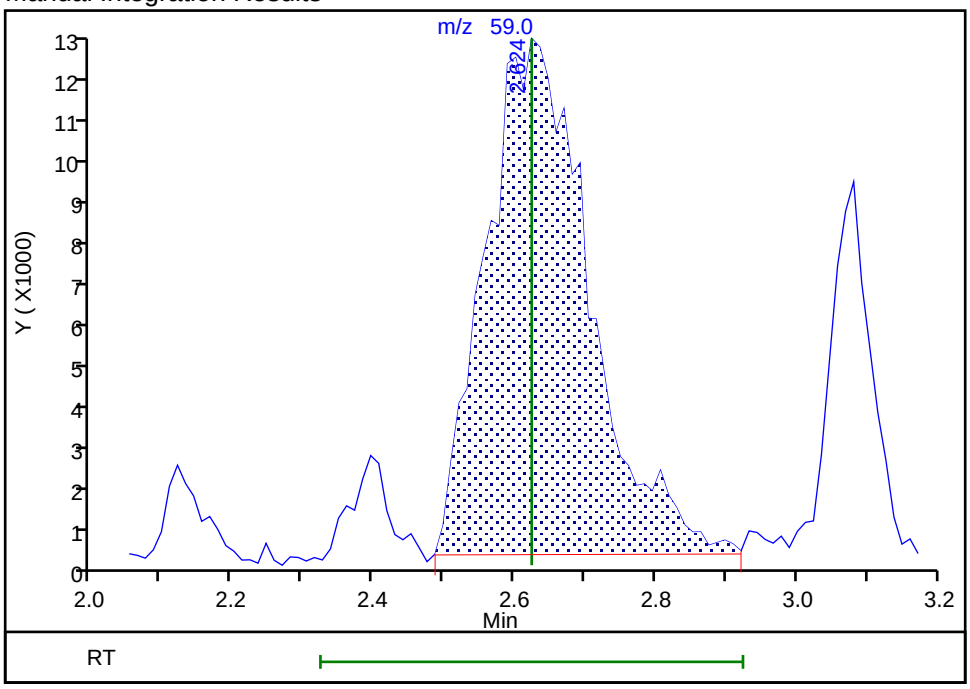
Processing Integration Results

RT: 2.40
Area: 9833
Amount: 16.526498
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 127578
Amount: 214.4226
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 20:07:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

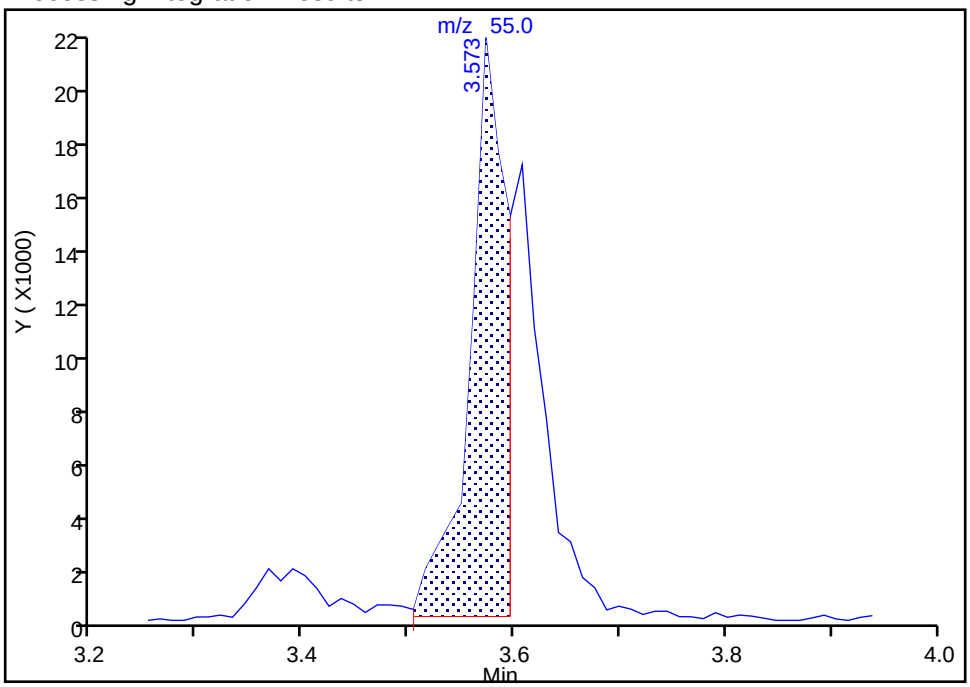
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Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

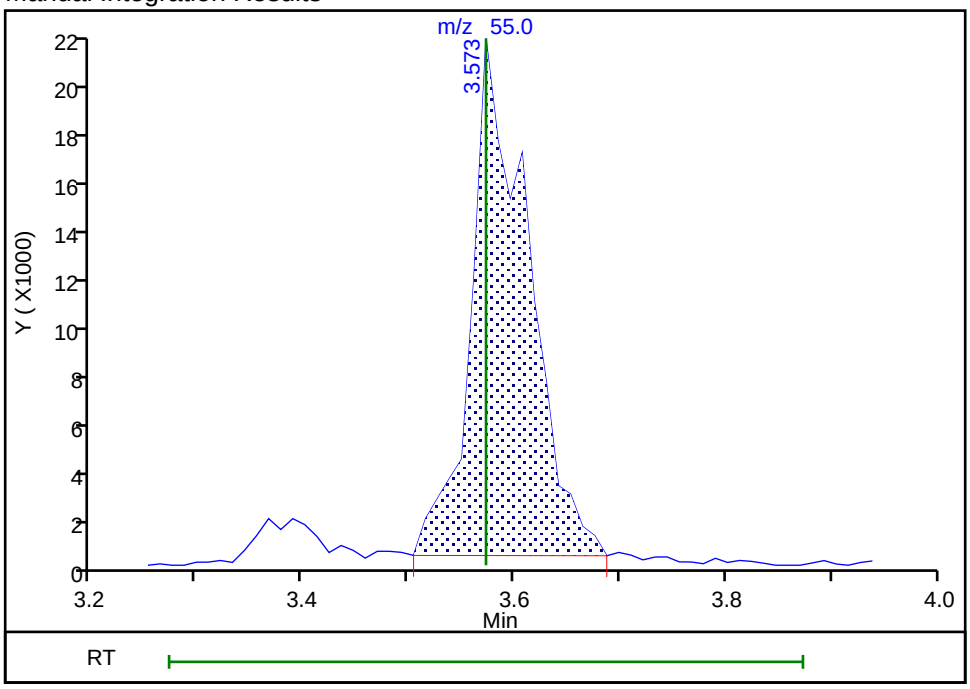
Processing Integration Results

RT: 3.57
Area: 52031
Amount: 14.833746
Amount Units: ug/l



Manual Integration Results

RT: 3.57
Area: 78326
Amount: 22.330303
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 20:08:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

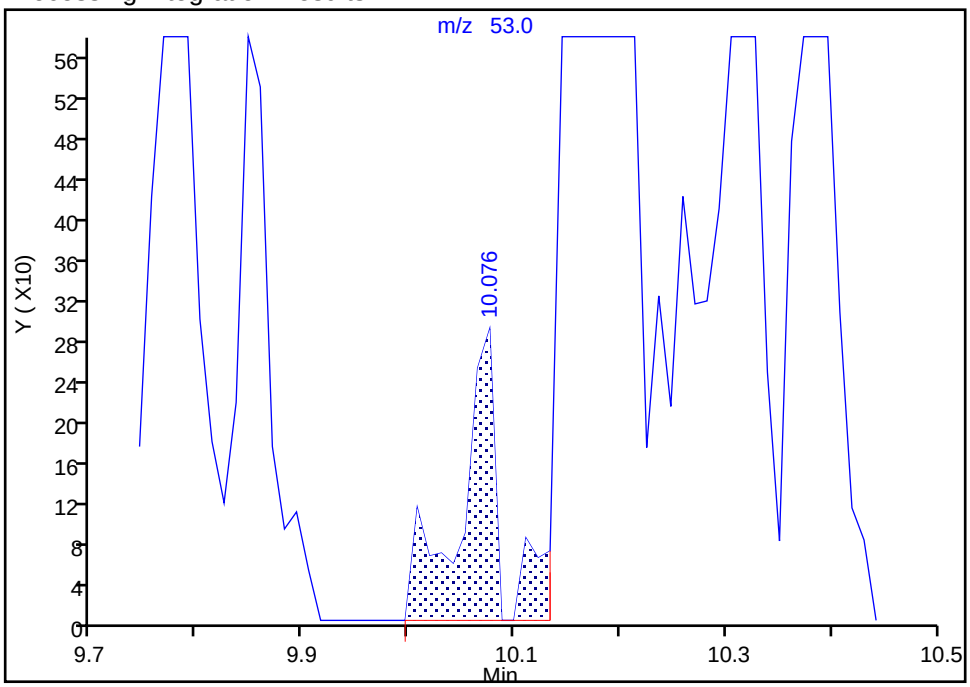
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Injection Date: 17-Oct-2022 19:46:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

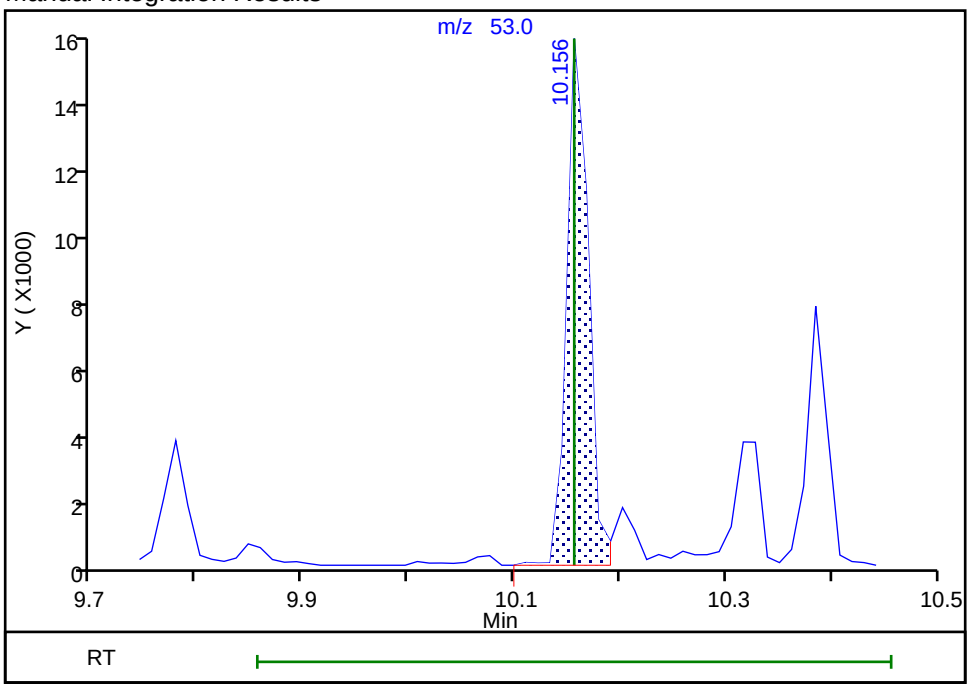
Processing Integration Results

RT: 10.08
Area: 782
Amount: 0.724085
Amount Units: ug/l



Manual Integration Results

RT: 10.16
Area: 22643
Amount: 20.966045
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 20:08:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82139.d				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	03-Oct-2022 20:18:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0151211-001				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	04-Oct-2022 17:18:26	Calib Date:	03-Oct-2022 23:44:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1682				
First Level Reviewer: HVW2		Date:	03-Oct-2022 21:06:35		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

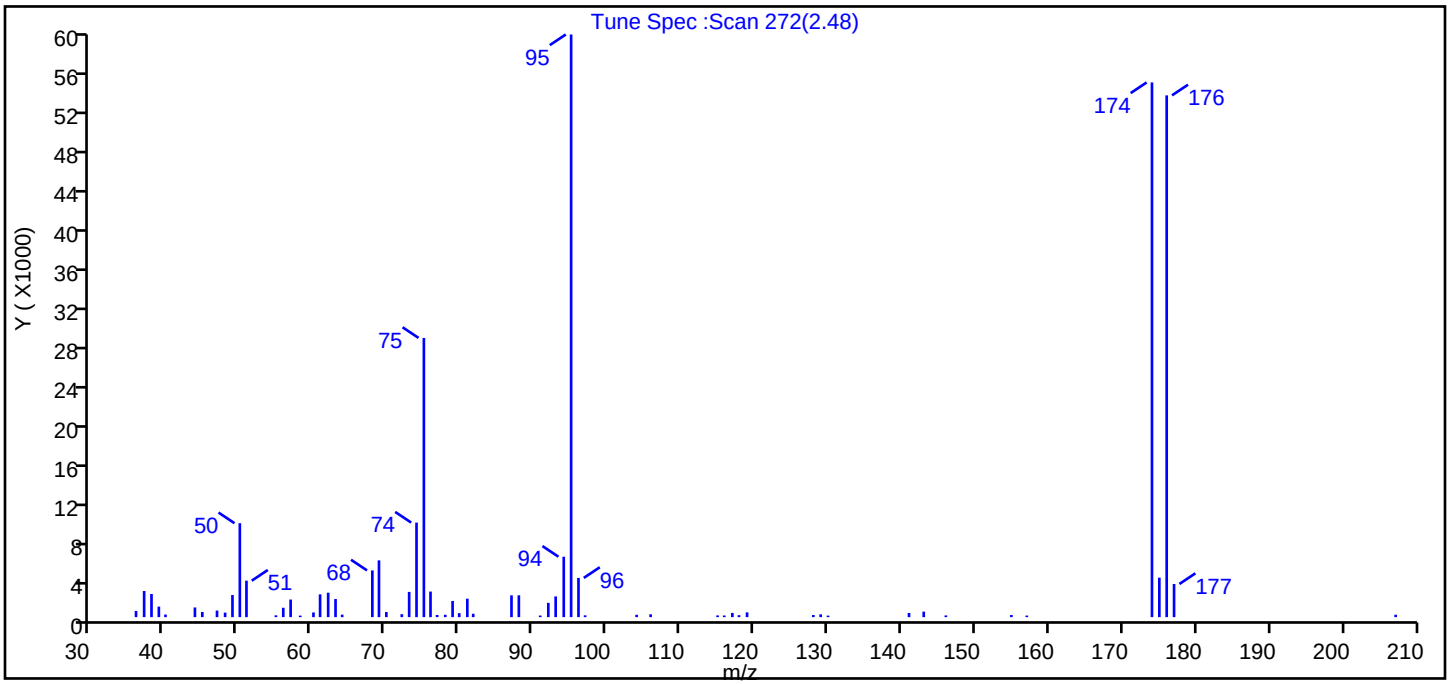
BFB_00032	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82139.d
Injection Date: 03-Oct-2022 20:18:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (109.0)
96	5 to 9% of m/z 95	6.7
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	91.8
175	5 to 9% of m/z 174	6.8 (7.4)
176	95 to 105% of m/z 174	89.6 (97.6)
177	5 to 10% of m/z 176	5.7 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82139.d\8260W_12.rslt\spectra.d
Injection Date: 03-Oct-2022 20:18:30
Spectrum: Tune Spec :Scan 272(2.48)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	634	60.00	479	80.00	409	117.00	431
37.00	2672	61.00	2330	81.00	1887	118.00	201
38.00	2365	62.00	2499	82.00	346	119.00	488
39.00	1076	63.00	1852	87.00	2229	128.00	218
40.00	263	64.00	255	88.00	2234	129.00	288
44.00	990	68.00	4777	91.00	166	130.00	157
45.00	528	69.00	5805	92.00	1460	141.00	428
47.00	674	70.00	529	93.00	2117	143.00	563
48.00	463	72.00	301	94.00	6177	146.00	177
49.00	2260	73.00	2579	95.00	59568	155.00	215
50.00	9604	74.00	9667	96.00	4012	157.00	164
51.00	3729	75.00	28544	97.00	186	174.00	54664
55.00	187	76.00	2615	104.00	241	175.00	4035
56.00	959	77.00	222	106.00	292	176.00	53344
57.00	1800	78.00	241	115.00	178	177.00	3389
58.00	157	79.00	1654	116.00	170	207.00	245

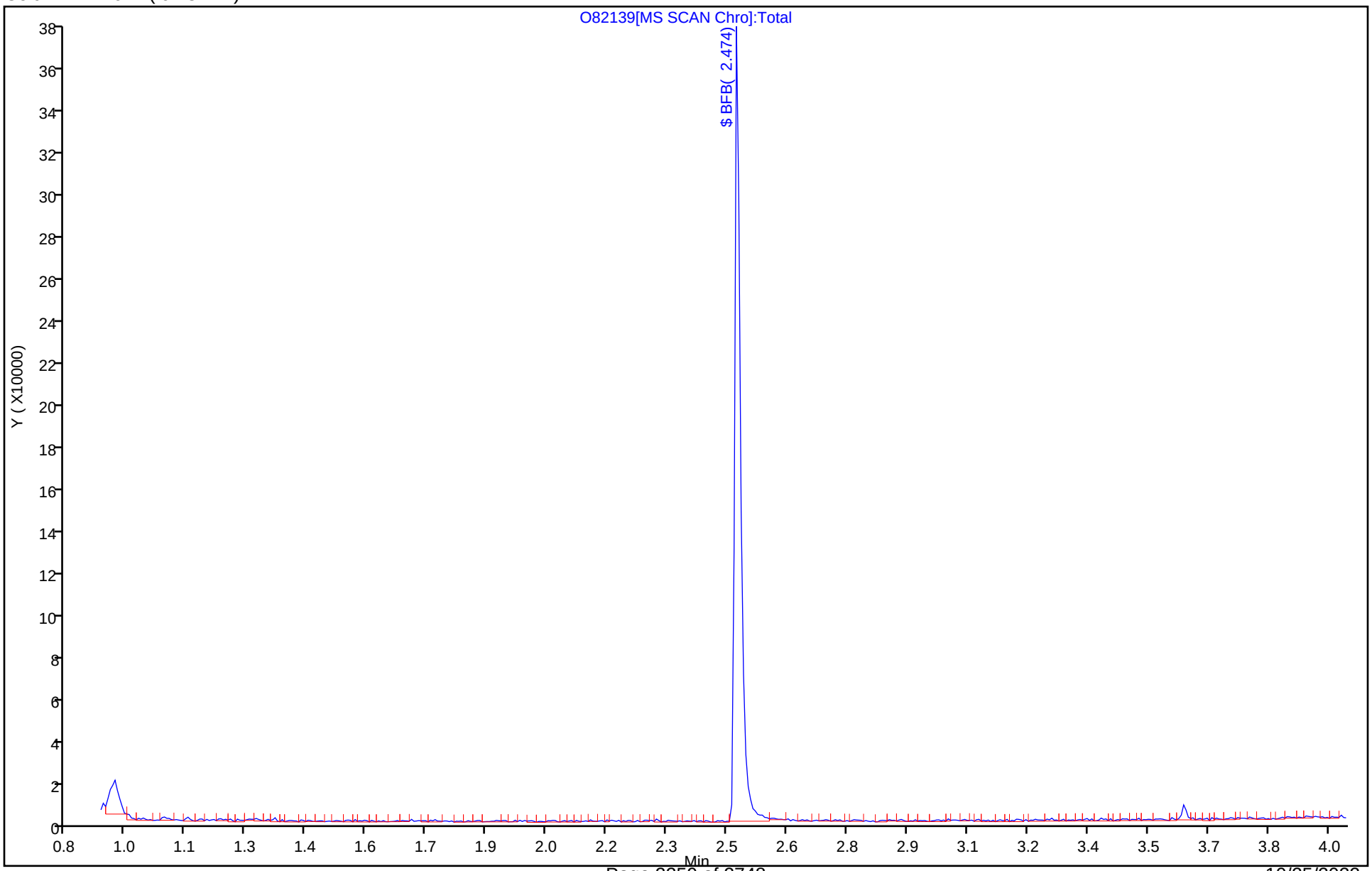
Report Date: 04-Oct-2022 17:18:26 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82139.d

Injection Date:	03-Oct-2022 20:18:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82985.d				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Oct-2022 13:04:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0152018-001				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Oct-2022 10:16:49	Calib Date:	20-Oct-2022 16:23:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1681				
First Level Reviewer: RD6L		Date:	20-Oct-2022 13:30:32		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags

Reagents:

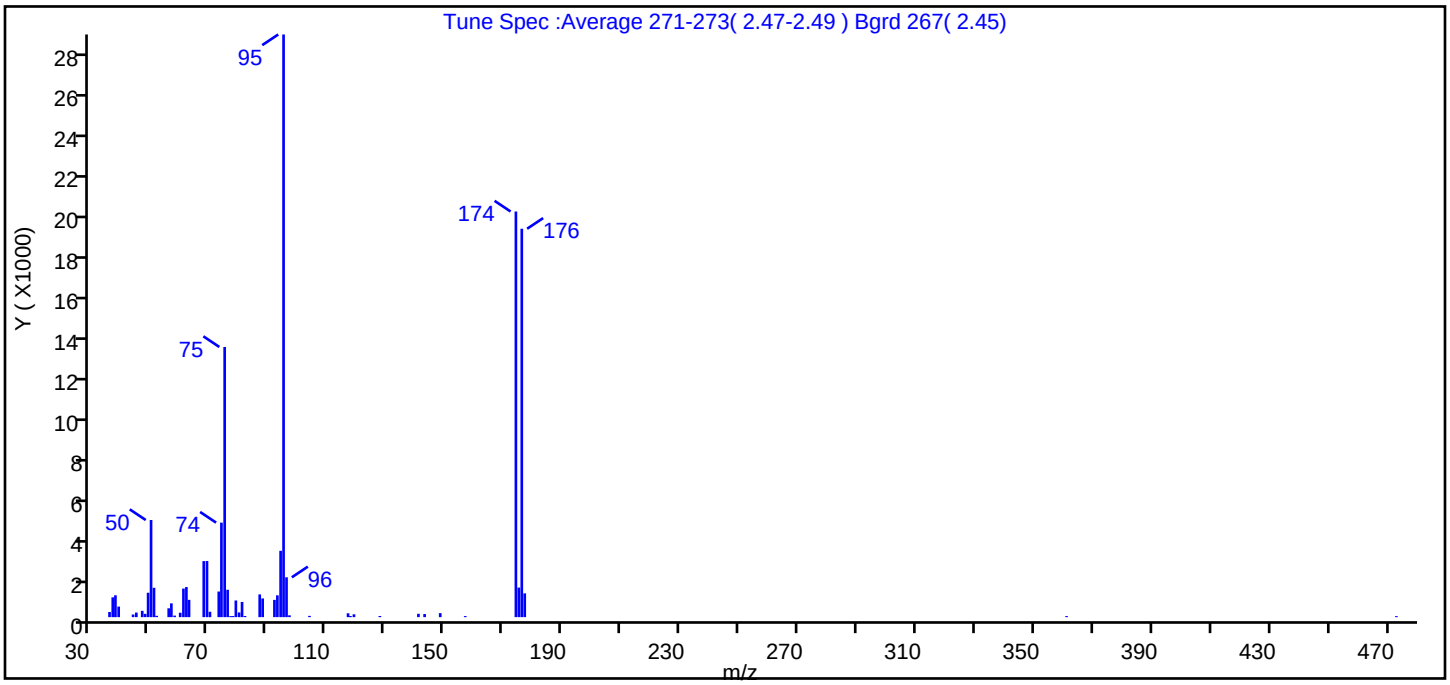
BFB_00032	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82985.d
Injection Date: 20-Oct-2022 13:04:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (143.6)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	69.6
175	5 to 9% of m/z 174	5.1 (7.3)
176	95 to 105% of m/z 174	66.7 (95.7)
177	5 to 10% of m/z 176	4.1 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82985.d\8260W_12.rslt\spectra.d
Injection Date: 20-Oct-2022 13:04:30
Spectrum: Tune Spec :Average 271-273(2.47-2.49) Bgrd 267(2.45)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	256	58.00	76	79.00	827	118.00	57
37.00	982	60.00	219	80.00	232	119.00	140
38.00	1084	61.00	1418	81.00	754	128.00	57
39.00	524	62.00	1493	82.00	56	141.00	166
44.00	131	63.00	858	87.00	1128	143.00	154
45.00	227	68.00	2781	88.00	928	148.00	199
47.00	313	69.00	2786	92.00	856	157.00	53
48.00	163	70.00	266	93.00	1083	174.00	20128
49.00	1211	73.00	1271	94.00	3291	175.00	1467
50.00	4820	74.00	4690	95.00	28912	176.00	19272
51.00	1456	75.00	13406	96.00	1977	177.00	1180
52.00	66	76.00	1359	97.00	90	361.00	52
56.00	438	77.00	51	104.00	63	473.00	50
57.00	684	78.00	54	117.00	191		

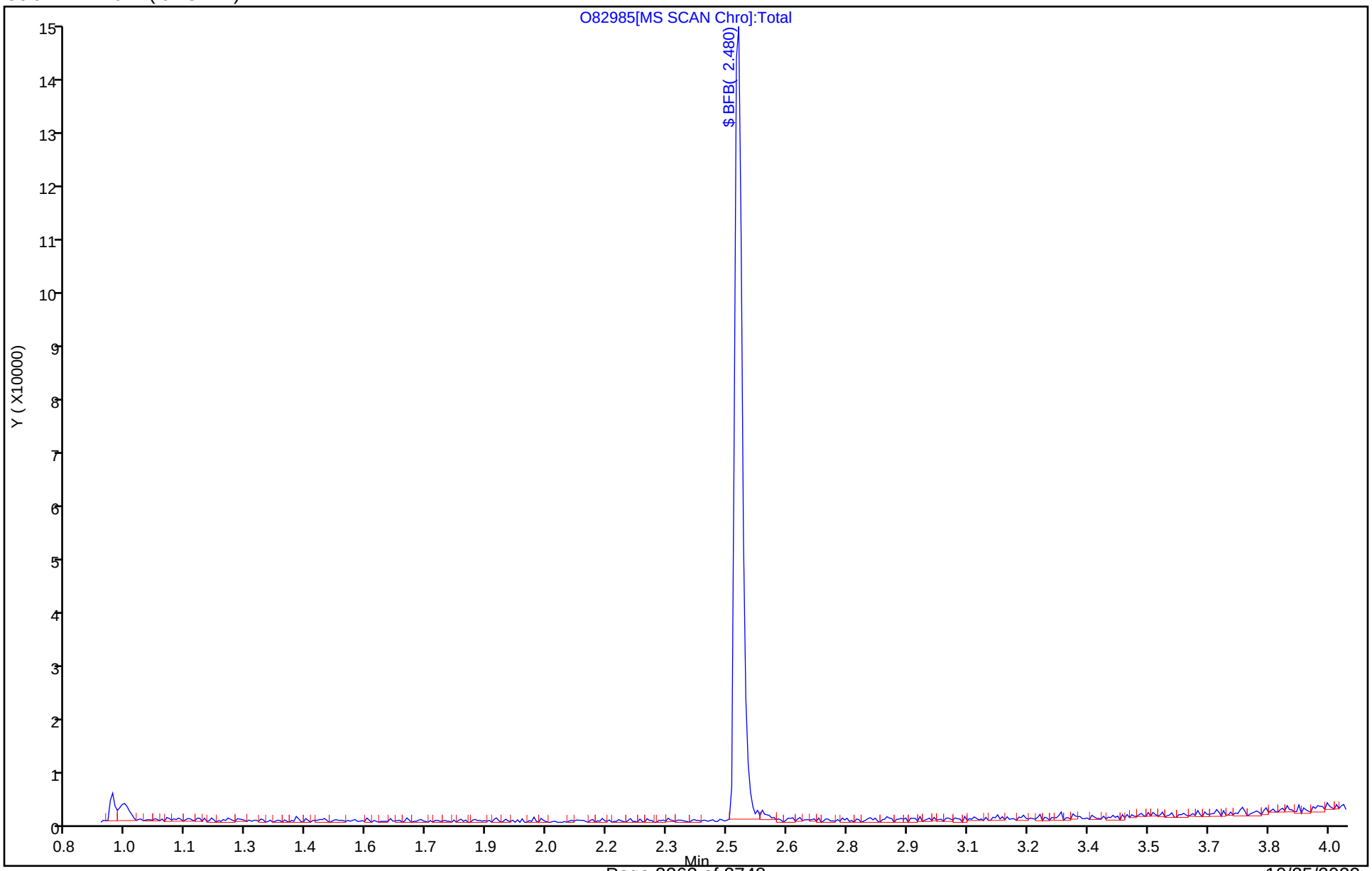
Report Date: 21-Oct-2022 10:16:50 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82985.d

Injection Date:	20-Oct-2022 13:04:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92940a.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	12-Oct-2022 16:26:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0151643-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\8260S_2.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	13-Oct-2022 17:15:34	Calib Date:	13-Oct-2022 04:16:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1618				
First Level Reviewer: K0HS		Date:	12-Oct-2022 16:33:31		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 137 BFB

QC Flag Legend

Processing Flags

Reagents:

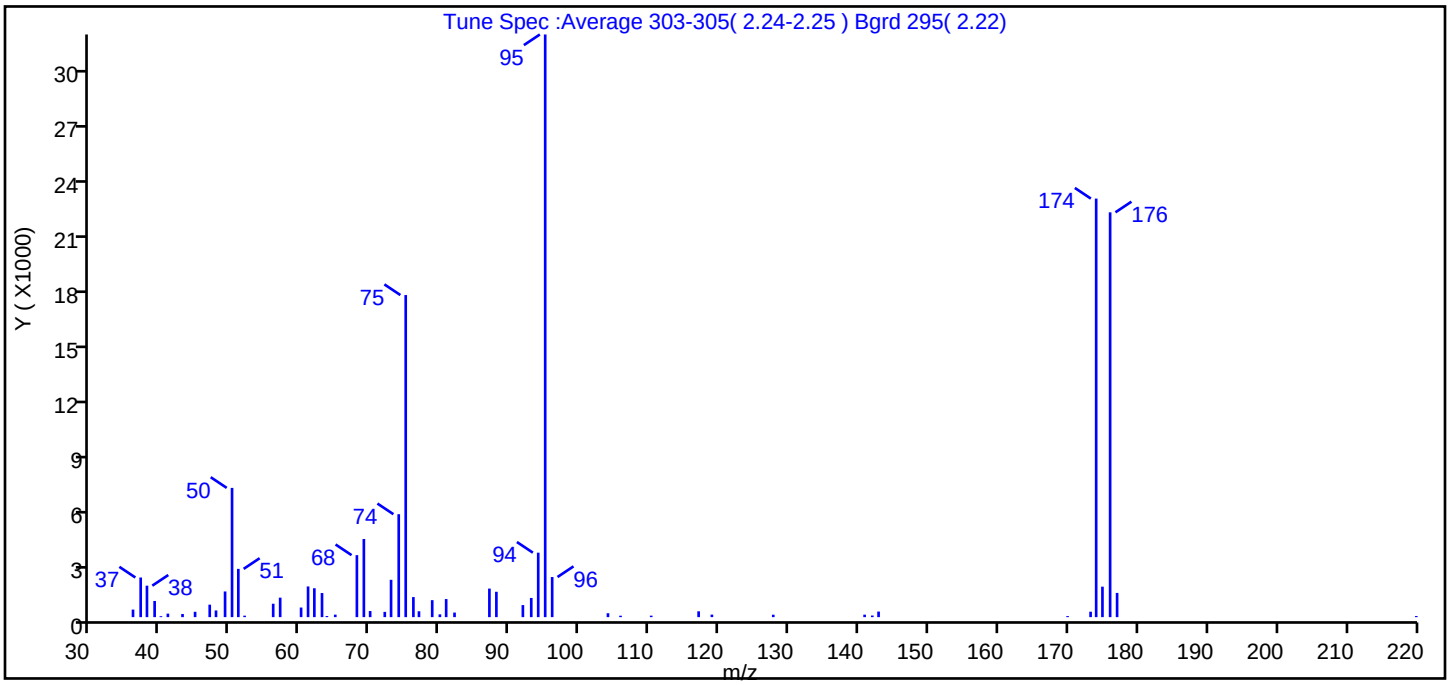
BFB_00032 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92940a.D
Injection Date: 12-Oct-2022 16:26:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (139.2)
96	5 to 9% of m/z 95	6.9
173	<2% of m/z 174	0.9 (1.3)
174	50 to 200% of m/z 95	71.8
175	5 to 9% of m/z 174	5.2 (7.3)
176	95 to 105% of m/z 174	69.5 (96.7)
177	5 to 10% of m/z 176	4.2 (6.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92940a.D\8260S_2.rslt\spectra.d
Injection Date: 12-Oct-2022 16:26:30
Spectrum: Tune Spec :Average 303-305(2.24-2.25) Bgrd 295(2.22)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	405	57.00	1044	77.00	316	117.00	312
37.00	2124	60.00	515	79.00	910	119.00	136
38.00	1686	61.00	1644	80.00	150	128.00	131
39.00	867	62.00	1549	81.00	969	141.00	133
40.00	50	63.00	1292	82.00	245	142.00	86
41.00	188	64.00	58	87.00	1530	143.00	299
43.00	169	65.00	134	88.00	1359	170.00	56
45.00	287	68.00	3322	92.00	646	173.00	292
47.00	669	69.00	4187	93.00	1029	174.00	22424
48.00	358	70.00	327	94.00	3454	175.00	1633
49.00	1376	72.00	283	95.00	31216	176.00	21688
50.00	6925	73.00	2001	96.00	2149	177.00	1298
51.00	2586	74.00	5515	104.00	209	220.00	59
52.00	79	75.00	17256	106.00	77		
56.00	719	76.00	1075	110.00	80		

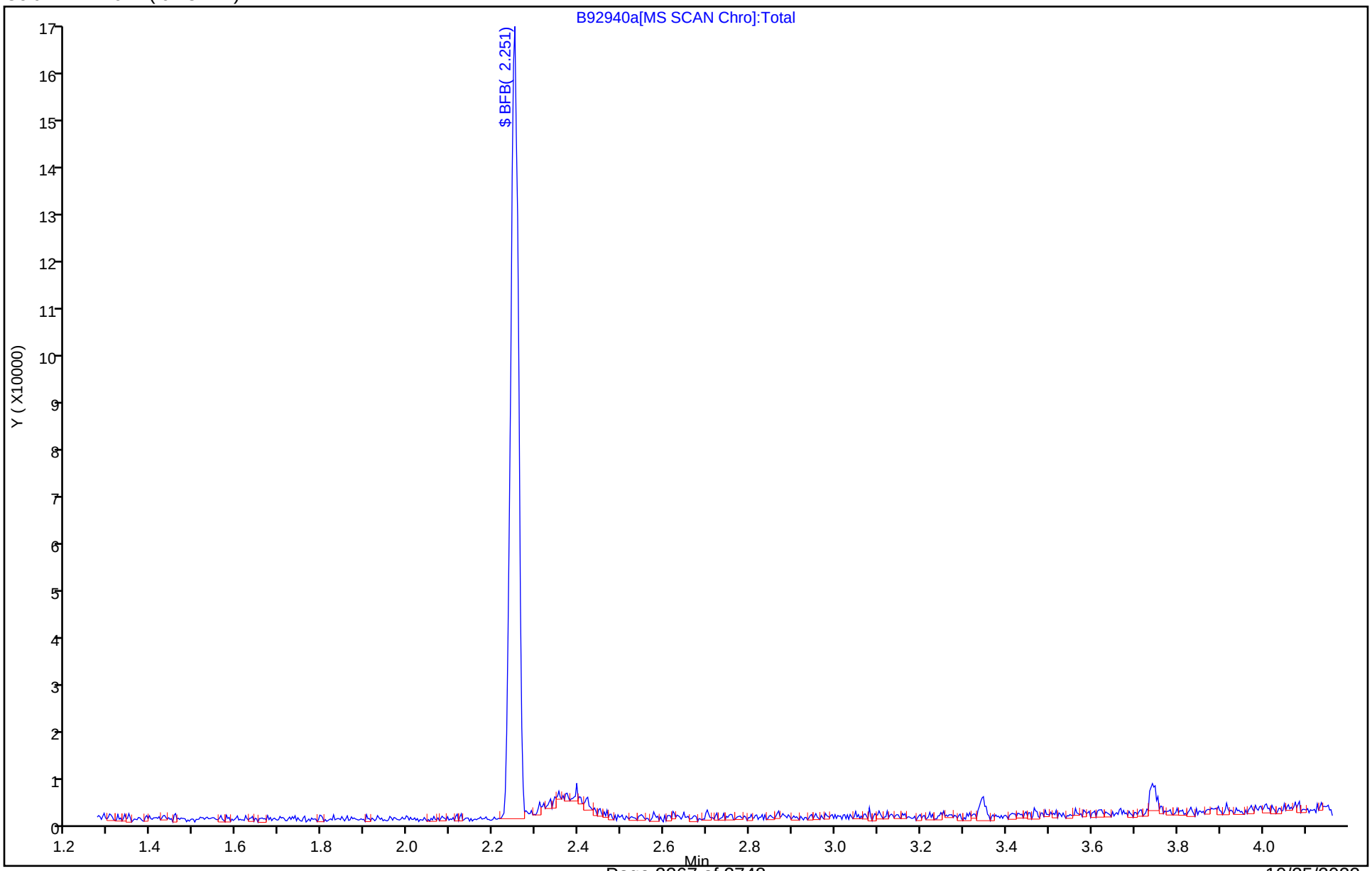
Report Date: 13-Oct-2022 17:15:35 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92940a.D

Injection Date:	12-Oct-2022 16:26:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99201.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	17-Oct-2022 04:01:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0151823-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	17-Oct-2022 18:38:39	Calib Date:	17-Oct-2022 11:03:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99215.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1663				
First Level Reviewer: N1JZ		Date:	17-Oct-2022 04:13:54		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	2.829	2.829	0.000	94	144596	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

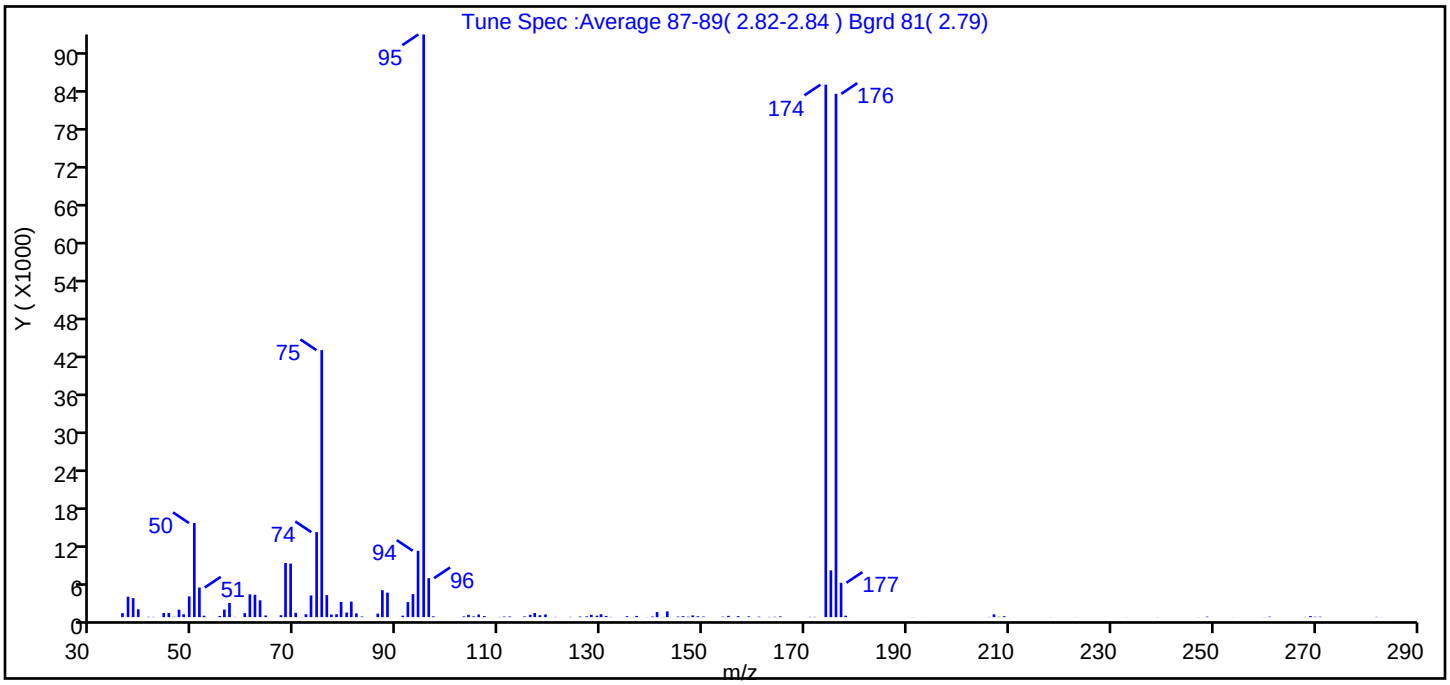
BFB_00032	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99201.D
Injection Date: 17-Oct-2022 04:01:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.1
75	30 to 60% of m/z 95	45.8
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	91.4
175	5 to 9% of m/z 174	8.0 (8.8)
176	Greater than 95% but less than 101% of m/z 174	89.8 (98.3)
177	5 to 9% of m/z 176	5.9 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99201.D\8260S_4.rslt\spectra.d
Injection Date: 17-Oct-2022 04:01:30
Spectrum: Tune Spec :Average 87-89(2.82-2.84) Bgrd 81(2.79)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 127

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	629	75.00	42192	120.00	20	171.00	48
37.00	3235	76.00	3484	121.00	40	172.00	46
38.00	3004	77.00	408	124.00	42	174.00	84128
39.00	1243	78.00	466	126.00	98	175.00	7388
41.00	60	79.00	2408	127.00	134	176.00	82680
42.00	38	80.00	724	128.00	368	177.00	5431
44.00	654	81.00	2452	129.00	230	178.00	226
45.00	646	82.00	593	130.00	463	179.00	9
46.00	53	83.00	104	131.00	188	191.00	22
47.00	1181	86.00	563	132.00	35	193.00	10
48.00	454	87.00	4267	134.00	6	206.00	37
49.00	3286	88.00	3867	135.00	146	207.00	438
50.00	14863	91.00	236	137.00	191	208.00	50
51.00	4679	92.00	2375	139.00	17	209.00	151
52.00	225	93.00	3638	140.00	95	218.00	16
55.00	190	94.00	10485	141.00	802	223.00	18
56.00	1204	95.00	92056	142.00	27	232.00	4
57.00	2250	96.00	6162	143.00	916	233.00	12
58.00	33	97.00	126	145.00	89	239.00	20
60.00	629	103.00	117	146.00	153	247.00	18
61.00	3605	104.00	370	147.00	70	249.00	84
62.00	3533	105.00	115	148.00	276	254.00	16
63.00	2660	106.00	417	149.00	140	255.00	4
64.00	268	107.00	171	150.00	99	260.00	19
67.00	307	110.00	40	154.00	75	261.00	83
68.00	8553	111.00	93	155.00	202	268.00	36
69.00	8460	112.00	102	157.00	157	269.00	170
70.00	676	115.00	114	159.00	125	270.00	66
71.00	22	116.00	370	161.00	82	271.00	75
72.00	458	117.00	663	163.00	42	282.00	44
73.00	3427	118.00	302	164.00	58	283.00	13
74.00	13430	119.00	427	165.00	114		

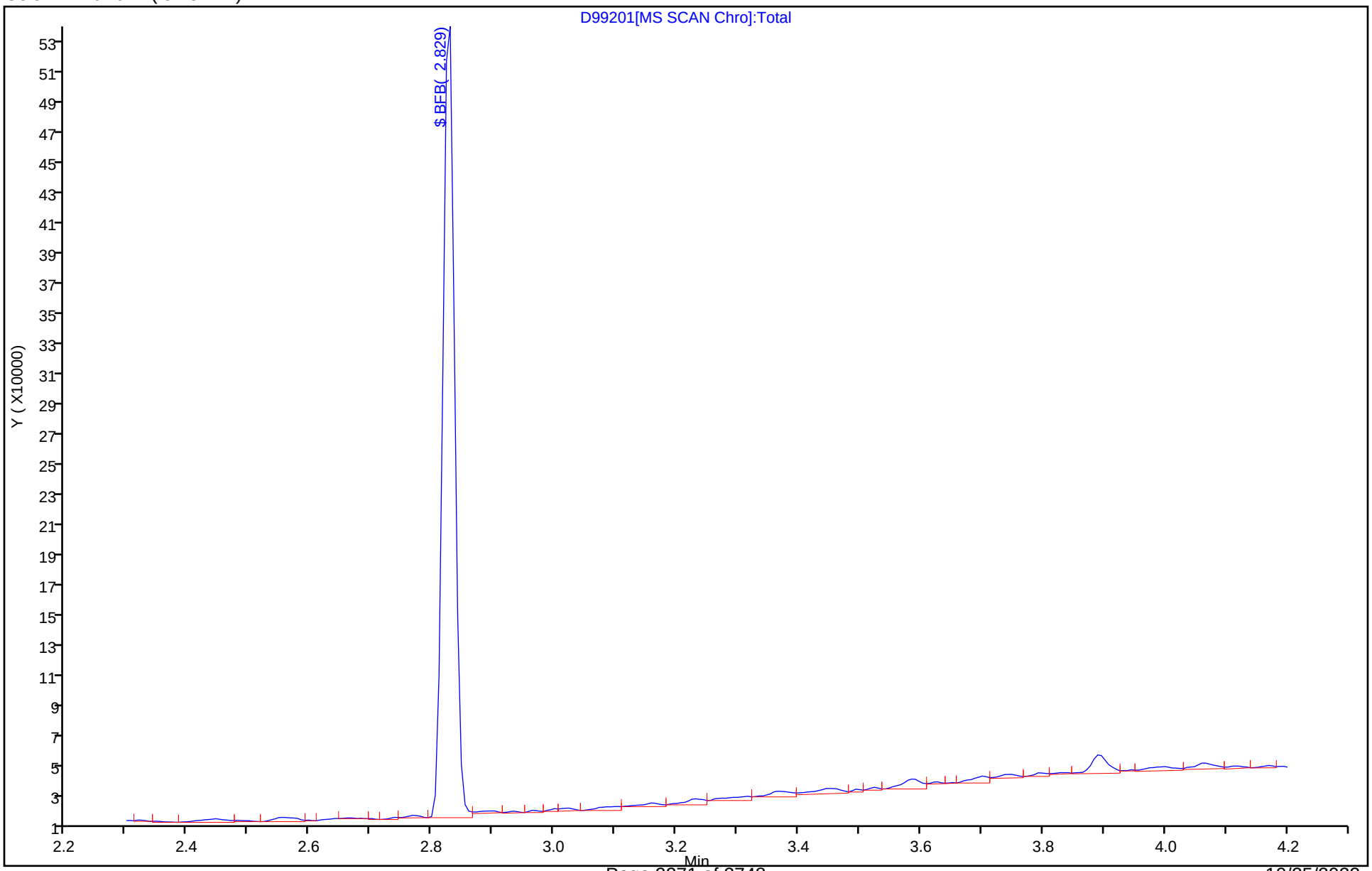
Report Date: 17-Oct-2022 18:38:39 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99201.D

Injection Date:	17-Oct-2022 04:01:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25688.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	01-Oct-2022 15:10:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0151144-001				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	02-Oct-2022 10:21:25	Calib Date:	01-Oct-2022 18:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1646				
First Level Reviewer: RD6L		Date:	01-Oct-2022 15:41:53		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags

Reagents:

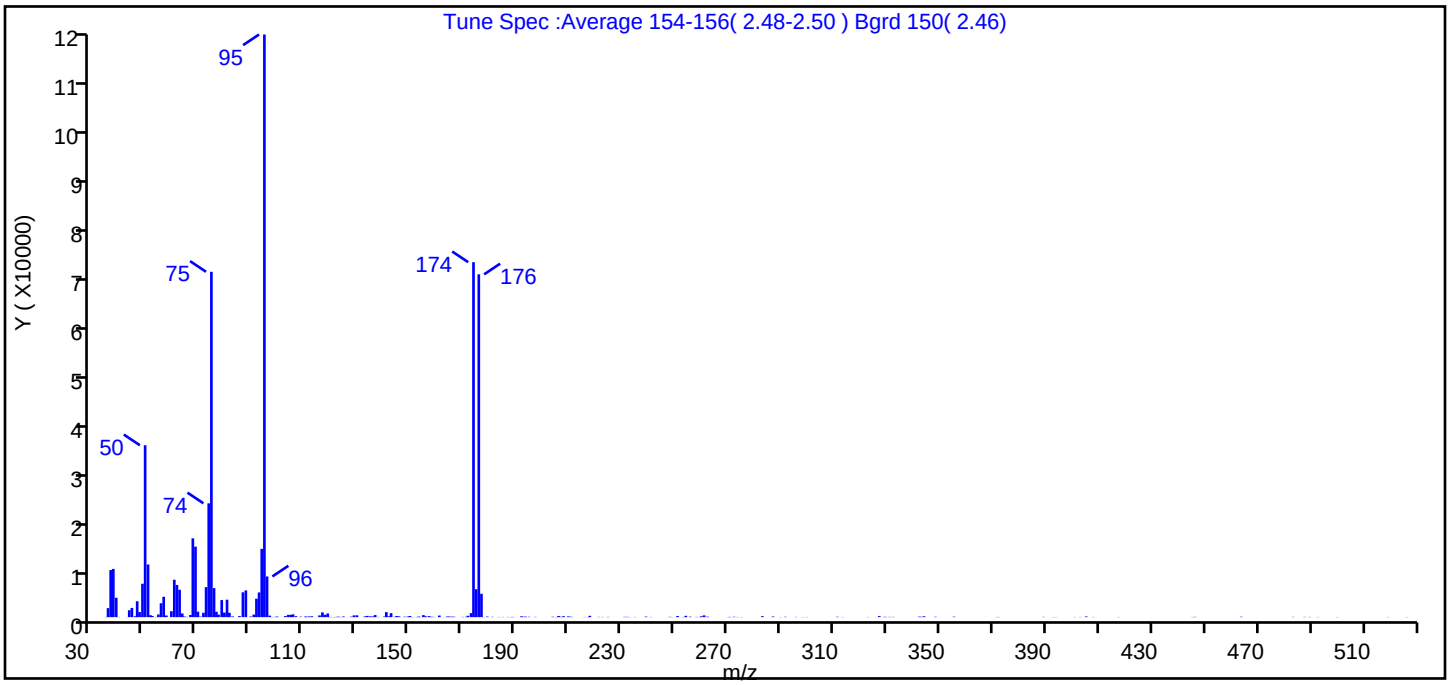
BFB_00032 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25688.D
Injection Date: 01-Oct-2022 15:10:30 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 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (164.1)
96	5 to 9% of m/z 95	7.0
173	<2% of m/z 174	0.7 (1.1)
174	50 to 200% of m/z 95	60.9
175	5 to 9% of m/z 174	4.8 (7.9)
176	95 to 105% of m/z 174	58.8 (96.6)
177	5 to 10% of m/z 176	4.0 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25688.D\8260W_7.rslt\spectra.d
Injection Date: 01-Oct-2022 15:10:30
Spectrum: Tune Spec :Average 154-156(2.48-2.50) Bgrd 150(2.46)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	38	94.00	13537	158.00	77	254.00	260
36.00	1787	95.00	115552	159.00	50	256.00	95
37.00	9335	96.00	8068	161.00	318	258.00	47
38.00	9560	97.00	299	163.00	22	259.00	38
39.00	3839	98.00	36	164.00	128	260.00	169
40.00	43	99.00	54	165.00	112	261.00	346
43.00	15	100.00	111	166.00	100	262.00	97
44.00	1365	103.00	213	167.00	72	270.00	37
45.00	1826	104.00	448	170.00	52	271.00	47
46.00	180	105.00	458	171.00	64	272.00	73
47.00	3150	106.00	558	172.00	268	274.00	40
48.00	1005	107.00	189	173.00	794	275.00	34
49.00	6623	109.00	89	174.00	70400	283.00	189
50.00	34096	111.00	119	175.00	5541	287.00	126
51.00	10447	111.00	81	176.00	67984	290.00	33
52.00	387	112.00	139	177.00	4636	292.00	72
53.00	230	113.00	166	178.00	27	296.00	47
54.00	45	116.00	343	179.00	116	298.00	33
55.00	527	117.00	944	181.00	59	300.00	35
56.00	2755	118.00	472	184.00	42	311.00	75
57.00	4037	119.00	729	185.00	42	313.00	35
58.00	323	120.00	45	187.00	42	323.00	41
60.00	1178	121.00	30	188.00	46	327.00	206
61.00	7414	122.00	45	189.00	43	329.00	69
62.00	6389	123.00	103	192.00	166	330.00	34
63.00	5426	124.00	41	193.00	76	331.00	54
64.00	733	125.00	134	194.00	97	332.00	53
65.00	122	128.00	95	195.00	72	342.00	103
66.00	58	129.00	345	197.00	54	343.00	64
67.00	427	130.00	362	204.00	79	344.00	165
68.00	15631	133.00	144	205.00	39	348.00	75
69.00	13979	134.00	243	206.00	230	355.00	92
70.00	1085	135.00	164	207.00	80	371.00	37

Report Date: 02-Oct-2022 10:21:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25688.D\8260W_7.rslt\spectra.d
Injection Date: 01-Oct-2022 15:10:30
Spectrum: Tune Spec :Average 154-156(2.48-2.50) Bgrd 150(2.46)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	109	136.00	142	208.00	182	372.00	38
72.00	868	137.00	412	210.00	147	389.00	50
73.00	5953	138.00	44	211.00	81	393.00	36
74.00	22576	140.00	121	216.00	36	394.00	34
75.00	68488	141.00	998	217.00	34	401.00	35
76.00	5753	142.00	169	218.00	264	403.00	38
77.00	1059	143.00	787	221.00	48	405.00	130
78.00	494	144.00	60	223.00	42	408.00	40
79.00	3385	145.00	214	225.00	48	417.00	39
80.00	914	146.00	161	231.00	58	445.00	39
81.00	3458	148.00	86	232.00	64	446.00	58
82.00	867	149.00	113	233.00	26	464.00	81
83.00	139	150.00	232	235.00	39	483.00	51
86.00	214	151.00	34	239.00	110	488.00	48
87.00	4927	153.00	37	241.00	38	490.00	47
88.00	5303	153.00	115	247.00	6	493.00	37
90.00	128	154.00	41	248.00	66	500.00	34
91.00	508	155.00	401	249.00	26	519.00	37
92.00	3657	156.00	172	251.00	220	526.00	35
93.00	4900	157.00	204	253.00	36		

Report Date: 02-Oct-2022 10:21:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25688.D

Injection Date: 01-Oct-2022 15:10:30 Instrument ID: CVOAMS7

Lims ID: BFB

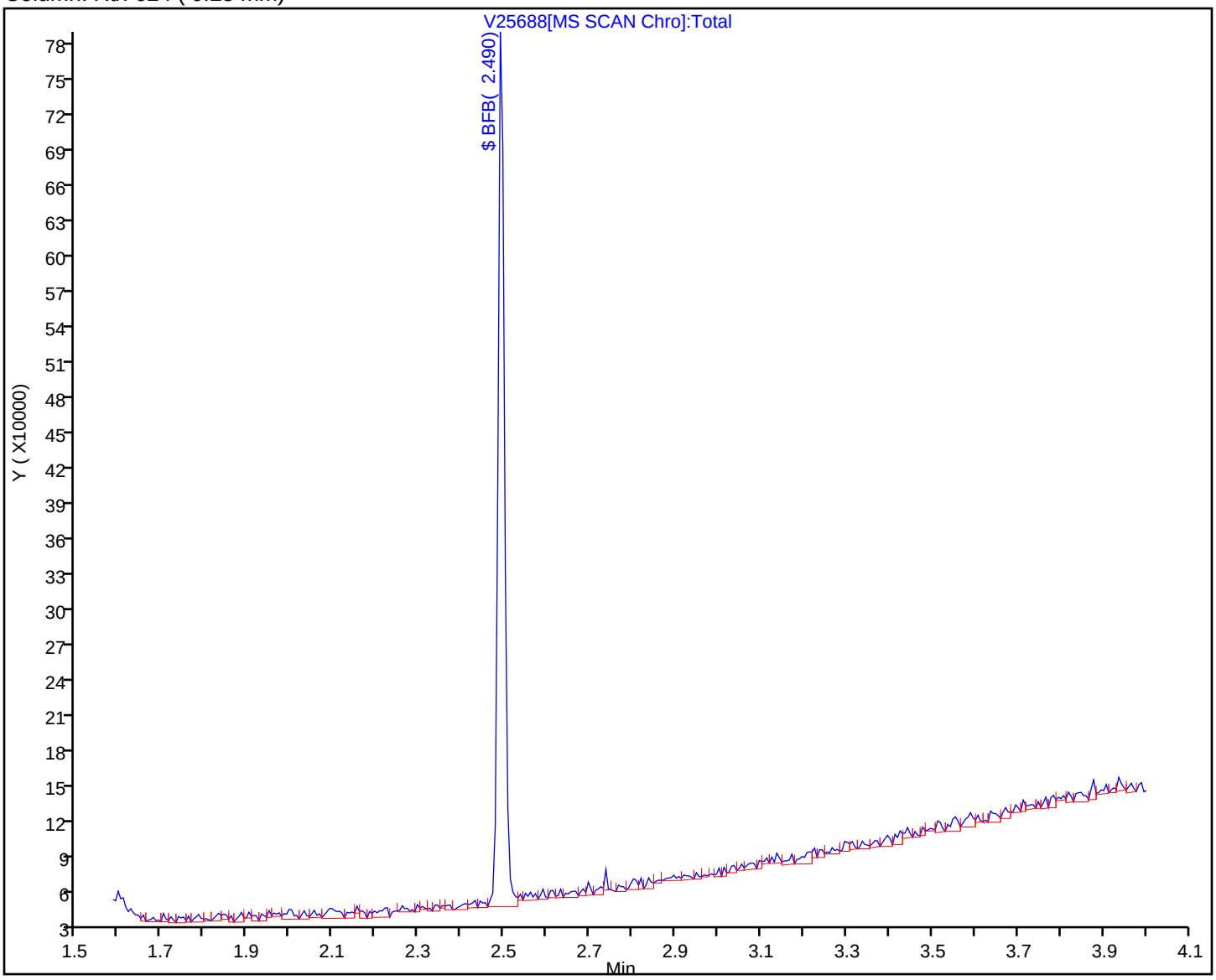
Client ID:

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 Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38860.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	04-Oct-2022 12:07:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0151264-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\8260S9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Oct-2022 19:54:53	Calib Date:	04-Oct-2022 14:43:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1634				
First Level Reviewer: RD6L		Date:	04-Oct-2022 12:40:38		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.919	2.919	0.000	87	119868	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

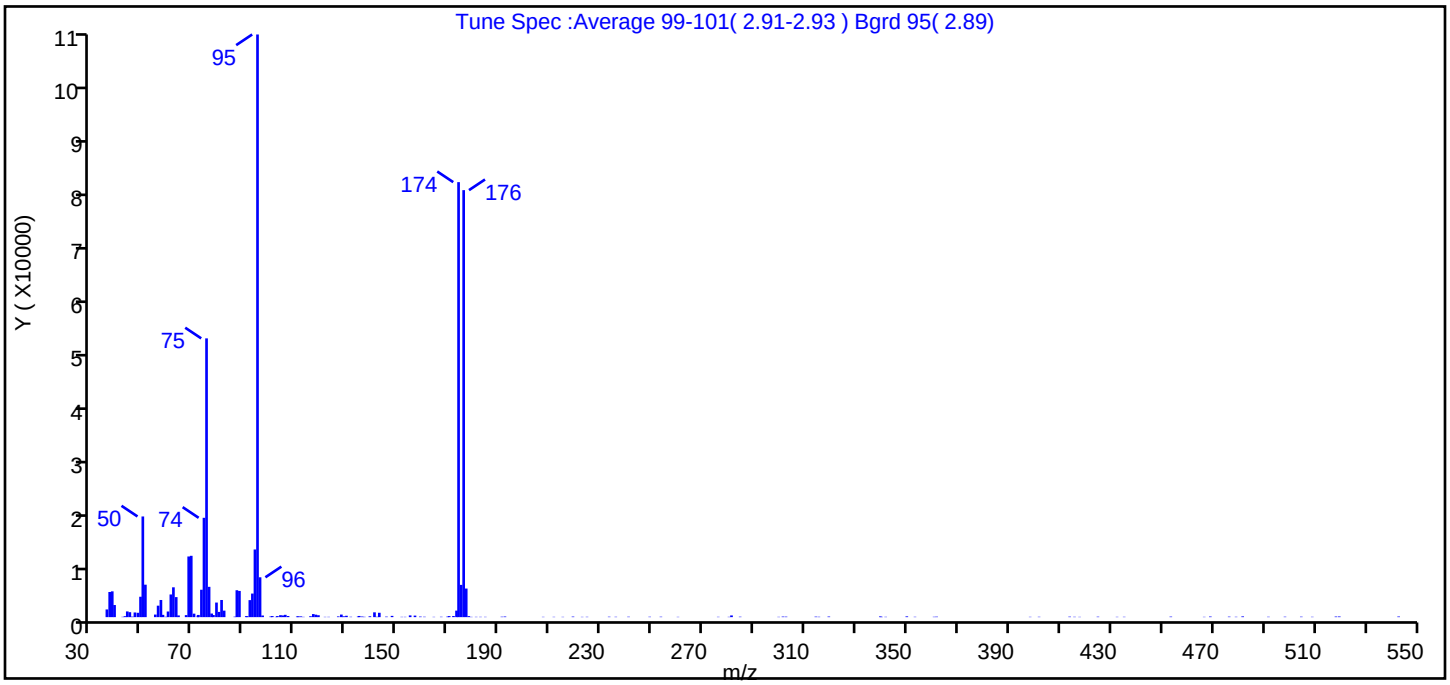
BFB_00032 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38860.D
Injection Date: 04-Oct-2022 12:07:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 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	17.3
75	30 to 60% of m/z 95	47.8
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.1 (1.5)
174	50 to 120% of m/z 95	74.7
175	5 to 9% of m/z 174	5.5 (7.4)
176	Greater than 95% but less than 101% of m/z 174	73.3 (98.2)
177	5 to 9% of m/z 176	4.9 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38860.D\8260S9.rslt\spectra.d
Injection Date: 04-Oct-2022 12:07:30
Spectrum: Tune Spec :Average 99-101(2.91-2.93) Bgrd 95(2.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 157

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1324	86.00	85	142.00	70	280.00	54
37.00	4326	87.00	4628	143.00	752	281.00	293
38.00	4436	88.00	4505	146.00	92	284.00	74
39.00	2083	91.00	174	148.00	219	300.00	52
42.00	56	91.00	146	152.00	53	301.00	98
43.00	163	92.00	2927	153.00	53	302.00	85
44.00	984	93.00	4055	155.00	298	314.00	88
45.00	852	94.00	11636	157.00	265	315.00	65
46.00	90	95.00	100192	159.00	97	319.00	103
47.00	803	96.00	6852	160.00	70	339.00	122
48.00	748	97.00	278	164.00	50	340.00	54
49.00	3508	100.00	116	167.00	66	342.00	57
50.00	17312	101.00	183	170.00	88	350.00	133
51.00	5582	102.00	57	170.00	180	353.00	62
55.00	443	103.00	182	172.00	190	360.00	63
56.00	1973	104.00	335	173.00	1122	362.00	82
57.00	2950	105.00	291	174.00	74800	398.00	55
58.00	394	106.00	398	175.00	5547	402.00	63
59.00	68	107.00	193	176.00	73424	414.00	84
60.00	970	111.00	111	177.00	4917	416.00	61
61.00	3899	111.00	138	178.00	173	418.00	50
62.00	5130	112.00	130	179.00	50	425.00	78
63.00	3444	113.00	51	181.00	54	432.00	54
64.00	296	116.00	157	182.00	55	435.00	59
67.00	345	117.00	528	184.00	53	453.00	92
68.00	10432	118.00	425	191.00	75	466.00	52
69.00	10547	119.00	328	192.00	107	469.00	104
70.00	598	122.00	50	207.00	53	476.00	87
72.00	268	123.00	53	211.00	53	479.00	63
72.00	378	127.00	126	215.00	51	482.00	129
73.00	4712	128.00	443	219.00	95	492.00	65
74.00	17080	129.00	143	222.00	50	498.00	75
75.00	47936	130.00	236	224.00	59	505.00	80

Report Date: 06-Oct-2022 19:54:53 Chrom Revision: 2.3 28-Sep-2022 12:57:42
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38860.D\8260S9.rslt\spectra.d
Injection Date: 04-Oct-2022 12:07:30
Spectrum: Tune Spec :Average 99-101(2.91-2.93) Bgrd 95(2.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 157

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	5212	132.00	65	233.00	74	509.00	59
77.00	620	134.00	99	236.00	62	518.00	104
78.00	366	135.00	202	241.00	72	520.00	114
79.00	2508	136.00	105	249.00	70	543.00	108
80.00	899	137.00	59	253.00	74		
81.00	2950	139.00	147	260.00	50		
82.00	1118	141.00	827	276.00	56		

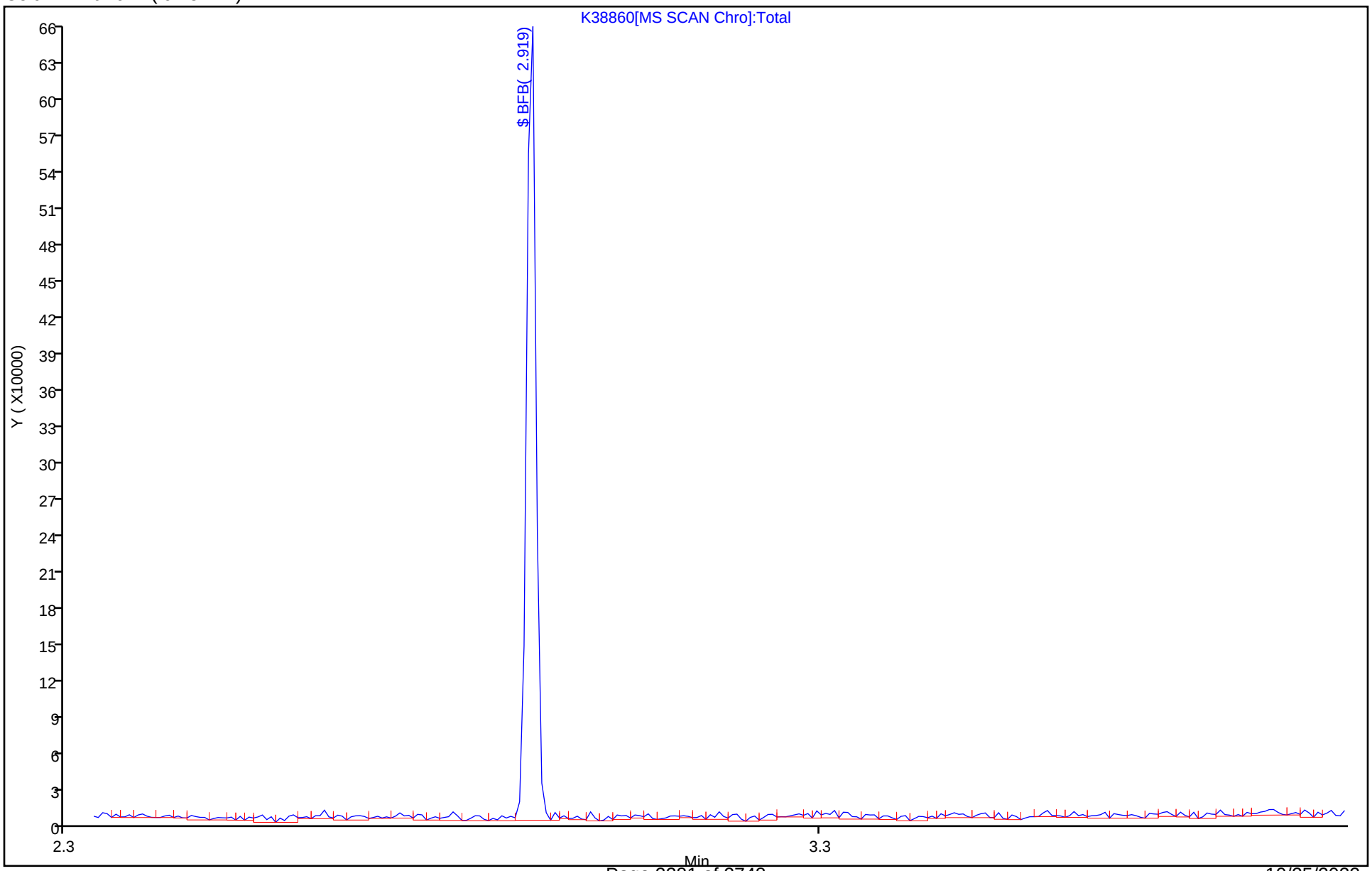
Report Date: 06-Oct-2022 19:54:53 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38860.D

Injection Date:	04-Oct-2022 12:07:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	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 Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-871835/8

Matrix: Water | Lab File ID: O82701.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/14/2022 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82701.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Oct-2022 00:43:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151704-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 07:51:15 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: HVW2 Date: 14-Oct-2022 01:38:14

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)	65	1.883	1.883	0.000	99	106135	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	102287	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	110671	50.0	47.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.356	3.345	0.011	0	105578	50.0	45.3	
* 65 Fluorobenzene	96	3.664	3.653	0.011	99	461039	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	22377	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	474604	50.0	49.5	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	381026	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	92	139817	50.0	47.4	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	187023	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00231 Amount Added: 1.00 Units: uL Run Reagent

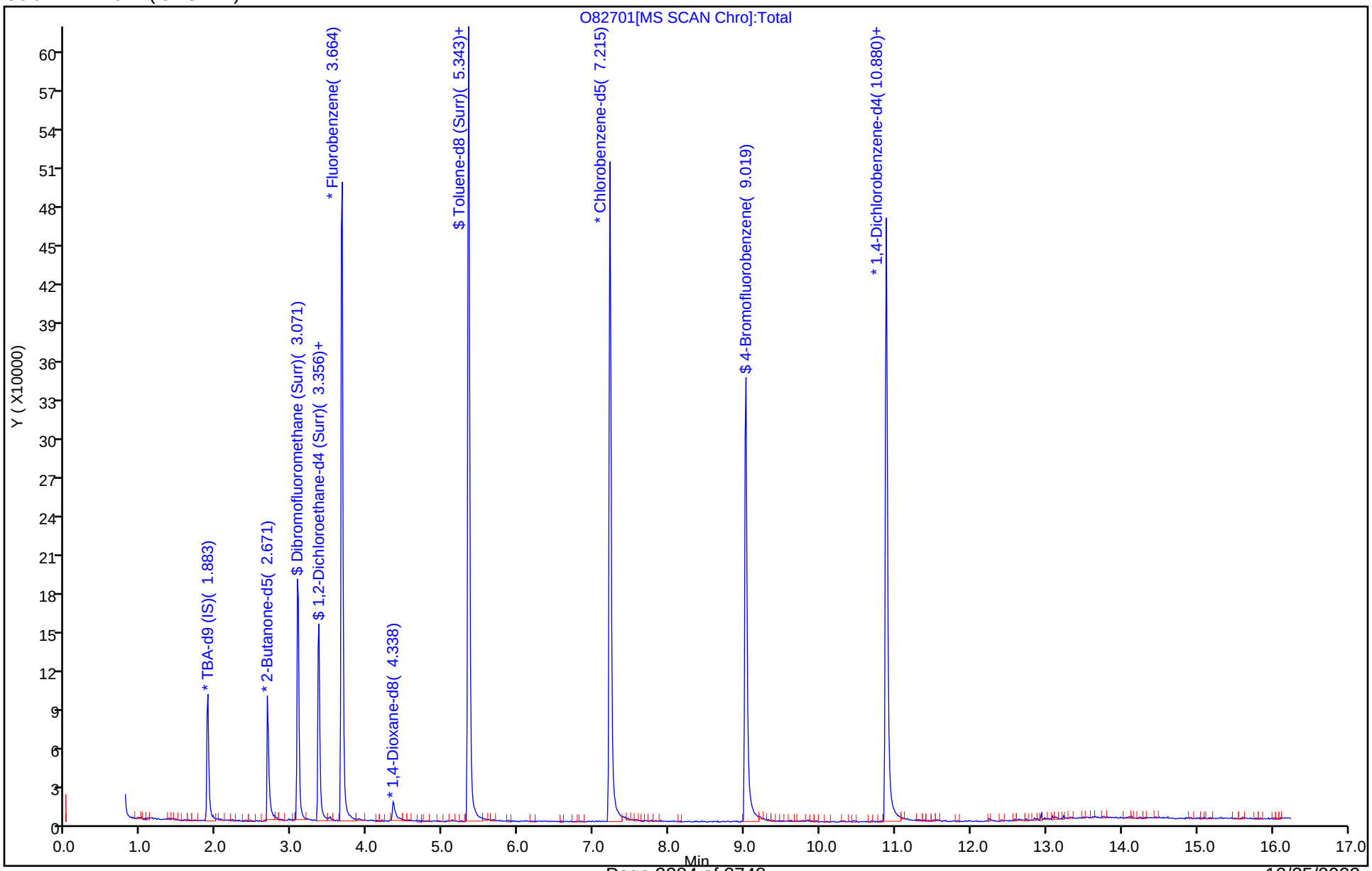
Report Date: 14-Oct-2022 09:58:16 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82701.d

Injection Date:	14-Oct-2022 00:43:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82701.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Oct-2022 00:43:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151704-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 07:51:15 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: HVW2 Date: 14-Oct-2022 01:38:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	47.4	94.79
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.3	90.66
$ 83 Toluene-d8 (Surr)	50.0	49.5	99.08
$ 105 4-Bromofluorobenzene	50.0	47.4	94.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872160/7

Matrix: Water | Lab File ID: V26549.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 20:18

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26549.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-Oct-2022 20:18:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151790-007
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: kaewink Date: 19-Oct-2022 18:42:47

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	2.555	2.555	0.000	97	26798	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	99	301977	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	116066	50.0	56.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	99	174291	50.0	52.7	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	441066	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.264	5.241	0.023	89	13870	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.246	6.247	-0.001	98	505139	50.0	47.4	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	280267	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	114642	50.0	53.9	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	129404	50.0	50.0	

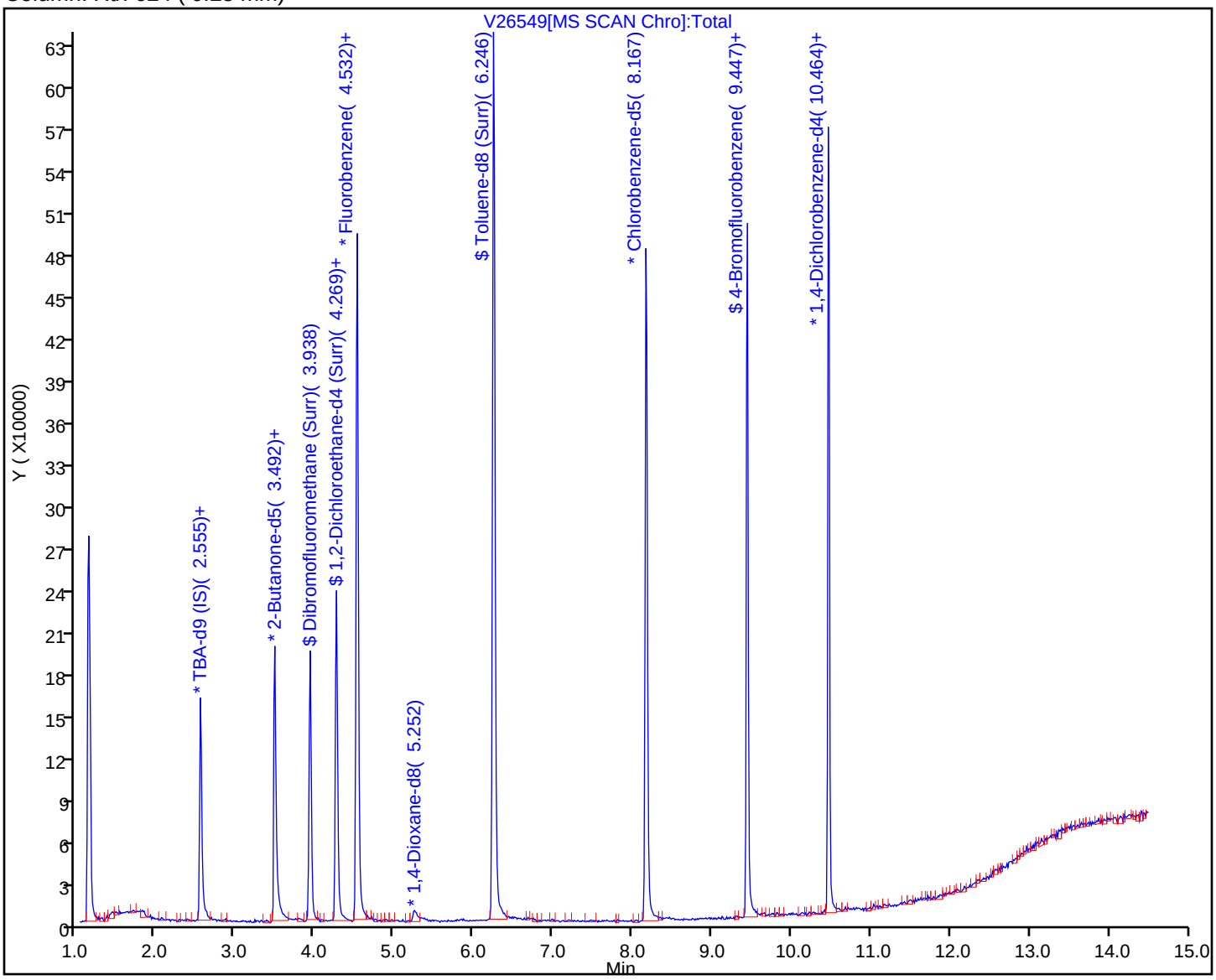
QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 19-Oct-2022 18:42:48 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26549.D
Injection Date: 15-Oct-2022 20:18:30 Instrument ID: CVOAMS7
Lims ID: MB
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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26549.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-Oct-2022 20:18:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151790-007
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 18:36:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: kaewink Date: 19-Oct-2022 18:42:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	56.4	112.84
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.7	105.32
$ 82 Toluene-d8 (Surr)	50.0	47.4	94.89
$ 105 4-Bromofluorobenzene	50.0	53.9	107.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872260/8

Matrix: Water | Lab File ID: V26580.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/16/2022 18:50

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872260 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26580.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Oct-2022 18:50:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151813-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:29:00 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 16-Oct-2022 23:59:18

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	2.555	2.566	-0.011	97	40619	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	475497	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	169604	50.0	55.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	98	254973	50.0	52.1	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	652032	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	89	19226	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.247	6.246	0.001	98	746475	50.0	48.4	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	94	406089	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	170144	50.0	55.2	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	98	191145	50.0	50.0	

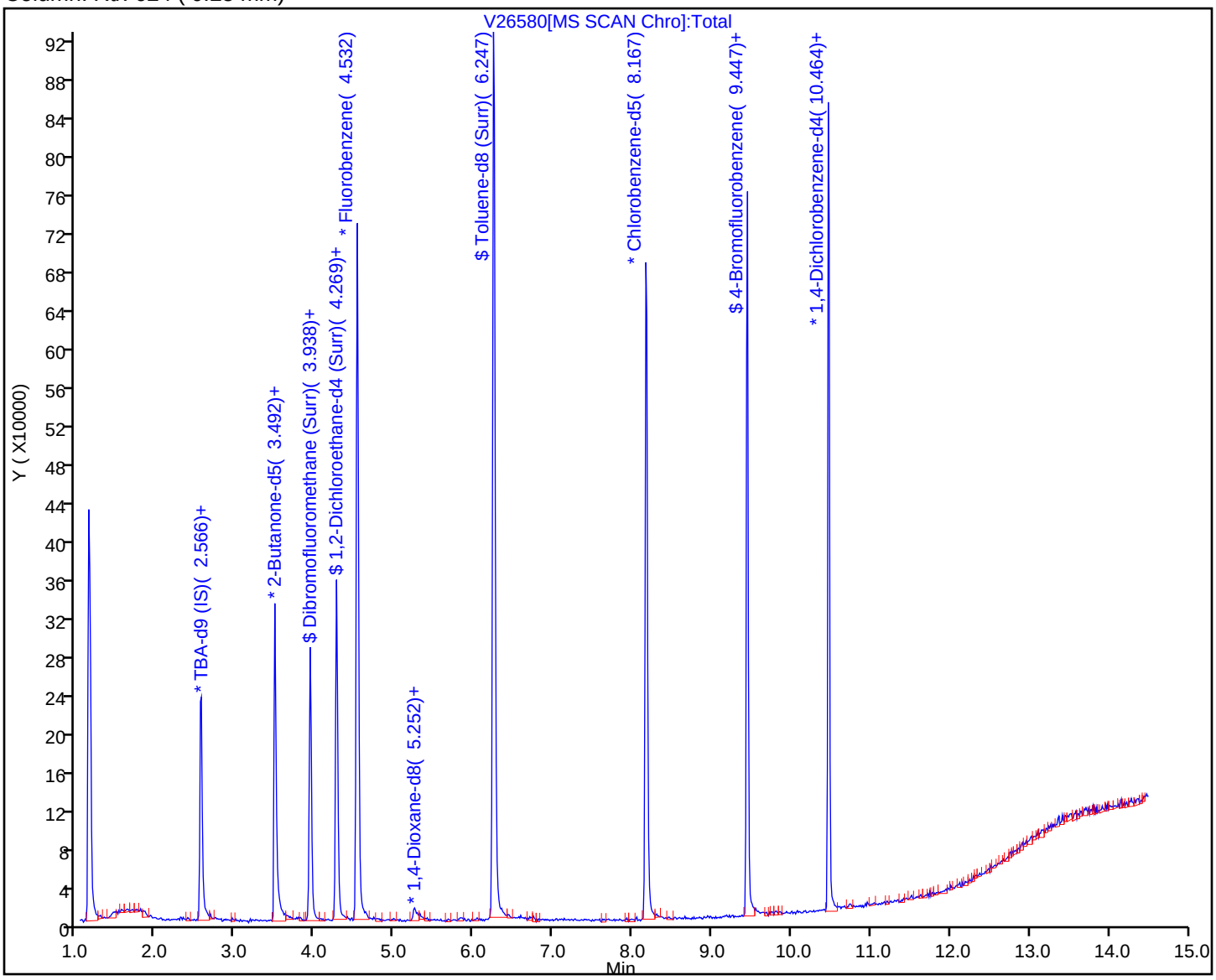
QC Flag Legend
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Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 17-Oct-2022 15:29:00 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26580.D
Injection Date: 16-Oct-2022 18:50:30 Instrument ID: CVOAMS7
Lims ID: MB
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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26580.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Oct-2022 18:50:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151813-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:29:00 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 16-Oct-2022 23:59:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	55.8	111.54
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.1	104.23
$ 82 Toluene-d8 (Surr)	50.0	48.4	96.78
$ 105 4-Bromofluorobenzene	50.0	55.2	110.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872315/22

Matrix: Solid | Lab File ID: D99222.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 13:41

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
460-00-4	Bromofluorobenzene	102		75-139
1868-53-7	Dibromofluoromethane (Surr)	103		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99222.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 13:41:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151823-022
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:27:48 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: NN6A Date: 19-Oct-2022 13:27:48

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)	65	3.131	3.126	0.005	0	133548	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.357	4.351	0.006	67	133710	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.912	0.006	97	159767	50.0	51.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	124851	50.0	47.5	
* 65 Fluorobenzene	96	5.649	5.643	0.006	99	439981	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.509	6.497	0.012	0	14015	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	522574	50.0	50.6	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	358964	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	154489	50.0	51.1	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	-0.001	94	187025	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

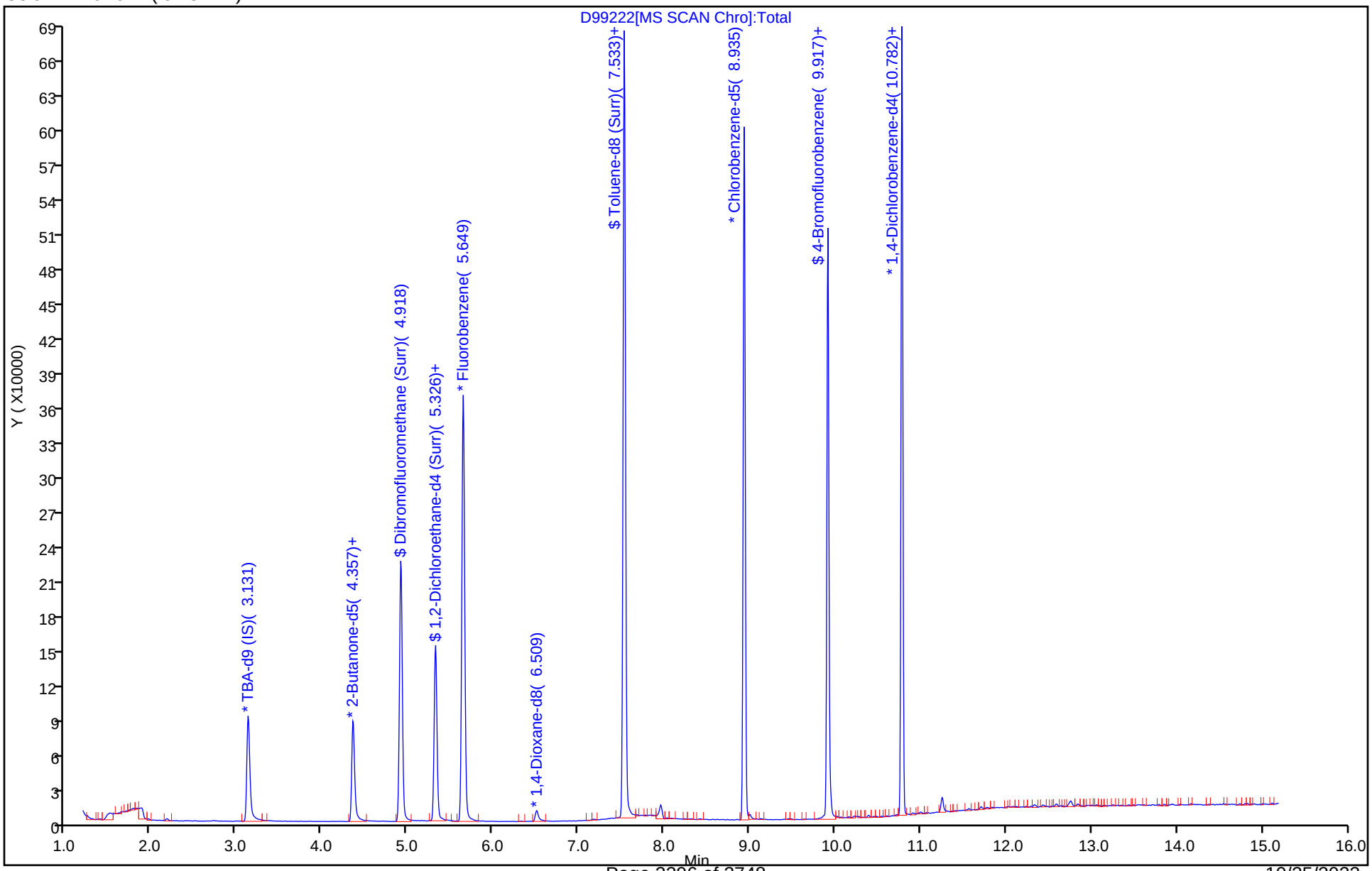
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99222.D

Injection Date:	17-Oct-2022 13:41:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	22
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99222.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 13:41:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151823-022
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:27:48 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: NN6A Date: 19-Oct-2022 13:27:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.7	103.49
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.5	94.92
$ 82 Toluene-d8 (Surr)	50.0	50.6	101.22
$ 104 4-Bromofluorobenzene	50.0	51.1	102.25

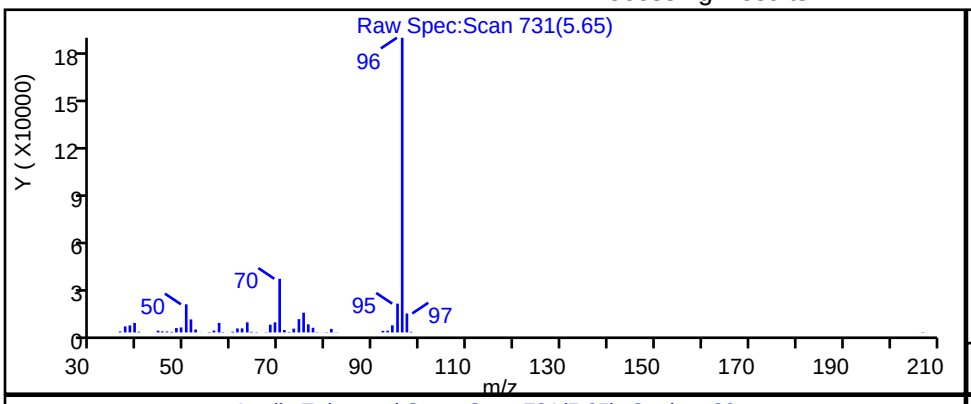
User Disabled Compound Report

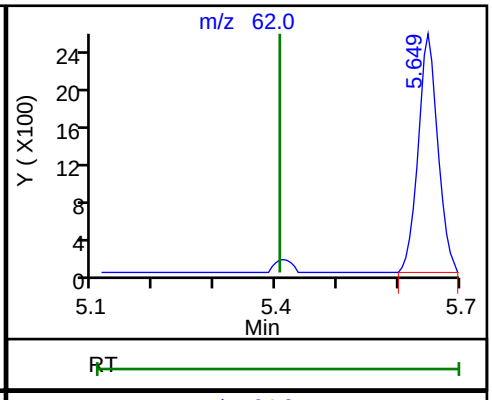
Eurofins Edison

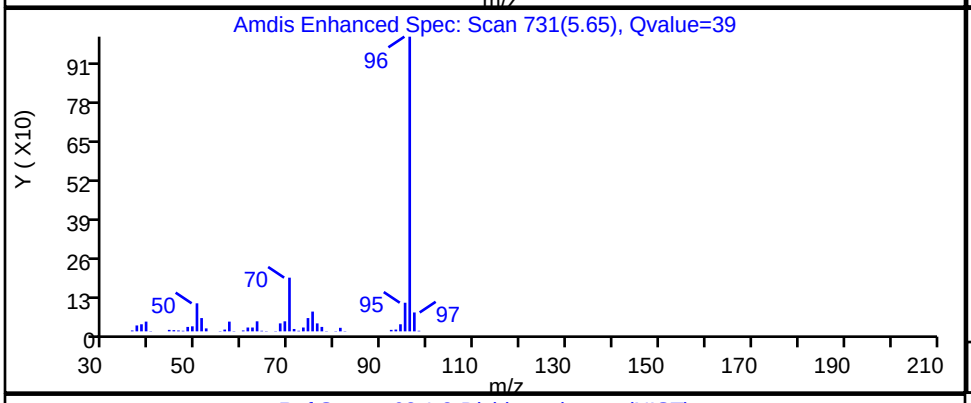
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99222.D
Injection Date: 17-Oct-2022 13:41:30 Instrument ID: CVOAMS4
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

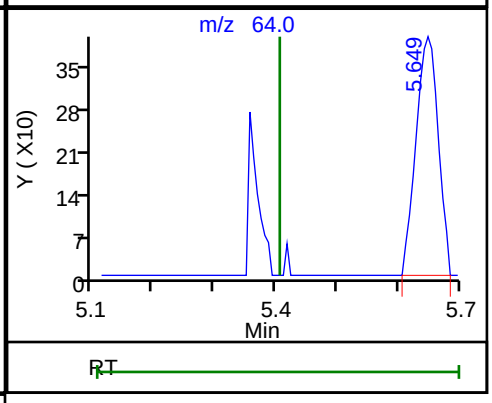
63 1,2-Dichloroethane, CAS: 107-06-2

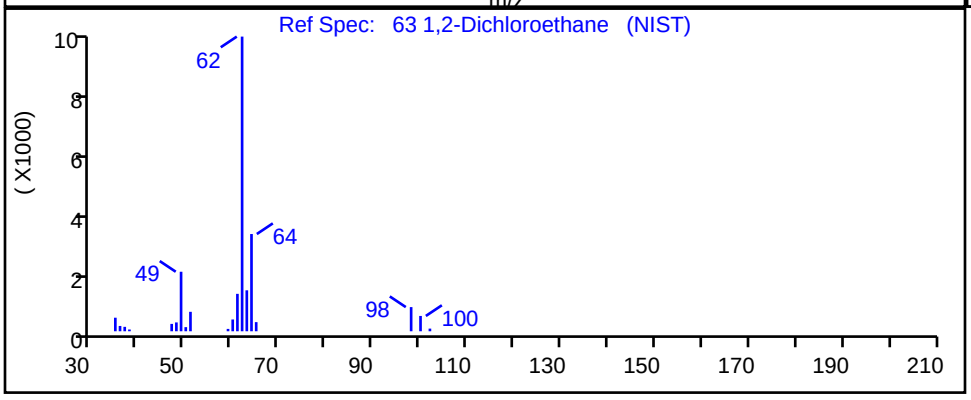
Processing Results











RT	Mass	Response	Amount
5.65	62.00	5626	1.562034
5.65	64.00	997	

Reviewer: C1JX, 17-Oct-2022 16:20:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872317/7

Matrix: Solid | Lab File ID: B93114.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 06:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	112		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93114.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 06:57:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151824-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:13:26 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 11:13:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.154	2.142	0.012	0	373978	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.093	3.081	0.013	0	392816	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.574	0.013	96	174156	50.0	55.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	202848	50.0	51.8	
* 60 Fluorobenzene	96	4.306	4.300	0.006	97	656433	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.214	5.208	0.006	0	25782	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	723414	50.0	50.1	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	480197	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	91	184184	50.0	48.1	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	97	261803	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 17-Oct-2022 11:13:57 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93114.D

Injection Date: 17-Oct-2022 06:57:30 Instrument ID: CVOAMS2 Operator ID:

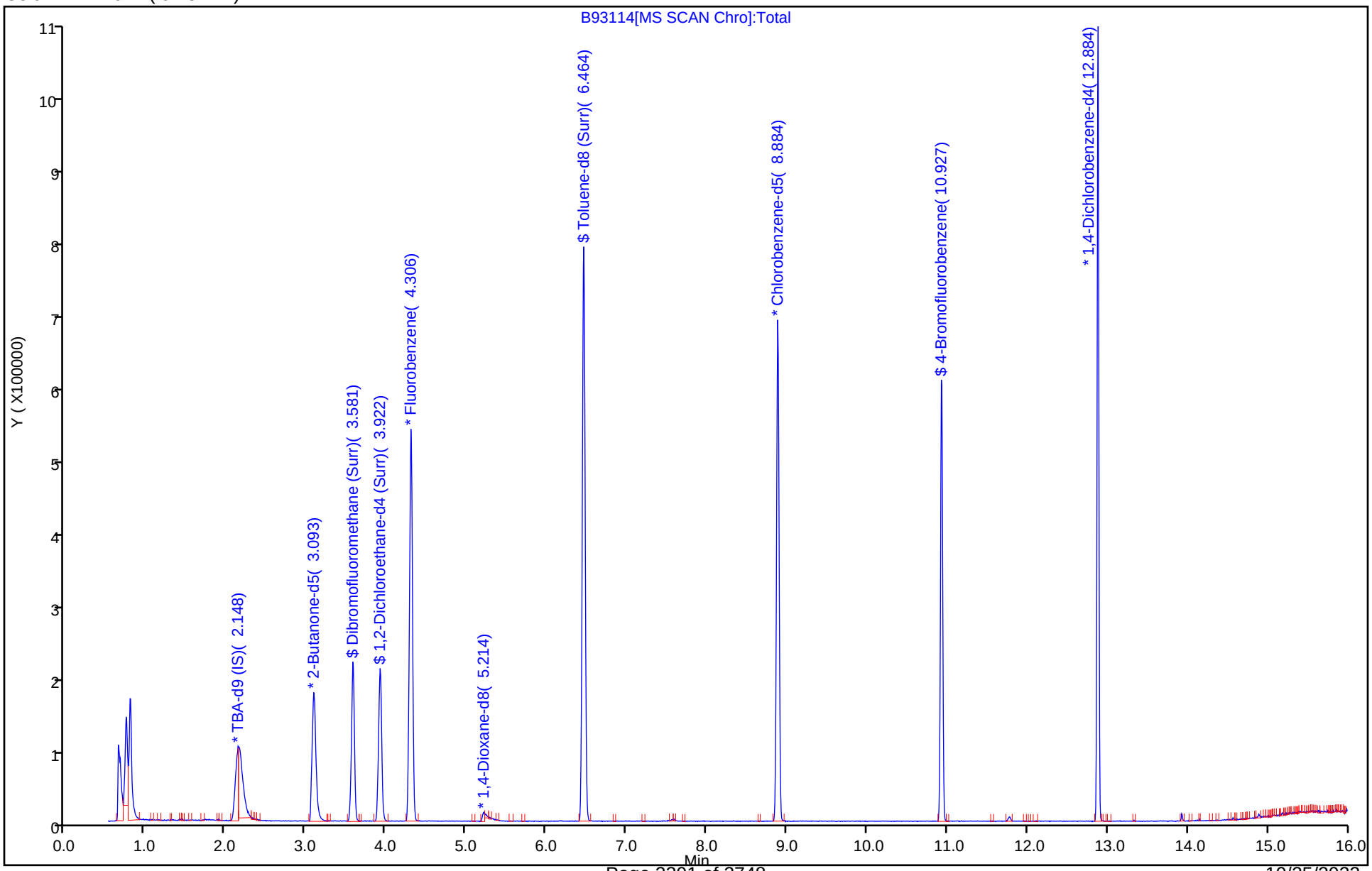
Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93114.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 06:57:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151824-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:13:26 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 11:13:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	55.9	111.76
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.50
$ 79 Toluene-d8 (Surr)	50.0	50.1	100.19
$ 103 4-Bromofluorobenzene	50.0	48.1	96.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872353/8

Matrix: Solid | Lab File ID: K39154.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 11:49

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39154.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 11:49:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151838-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:04:02 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 14:04:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.555	2.556	-0.001	96	338779	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.458	3.459	-0.001	97	256383	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.927	3.927	0.000	95	197581	50.0	53.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	-0.001	0	189005	50.0	50.7	
* 66 Fluorobenzene	96	4.601	4.602	-0.001	100	702309	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.344	5.345	-0.001	94	40110	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	676481	50.0	46.7	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	88	473527	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	177184	50.0	48.2	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.014	-0.001	95	251285	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

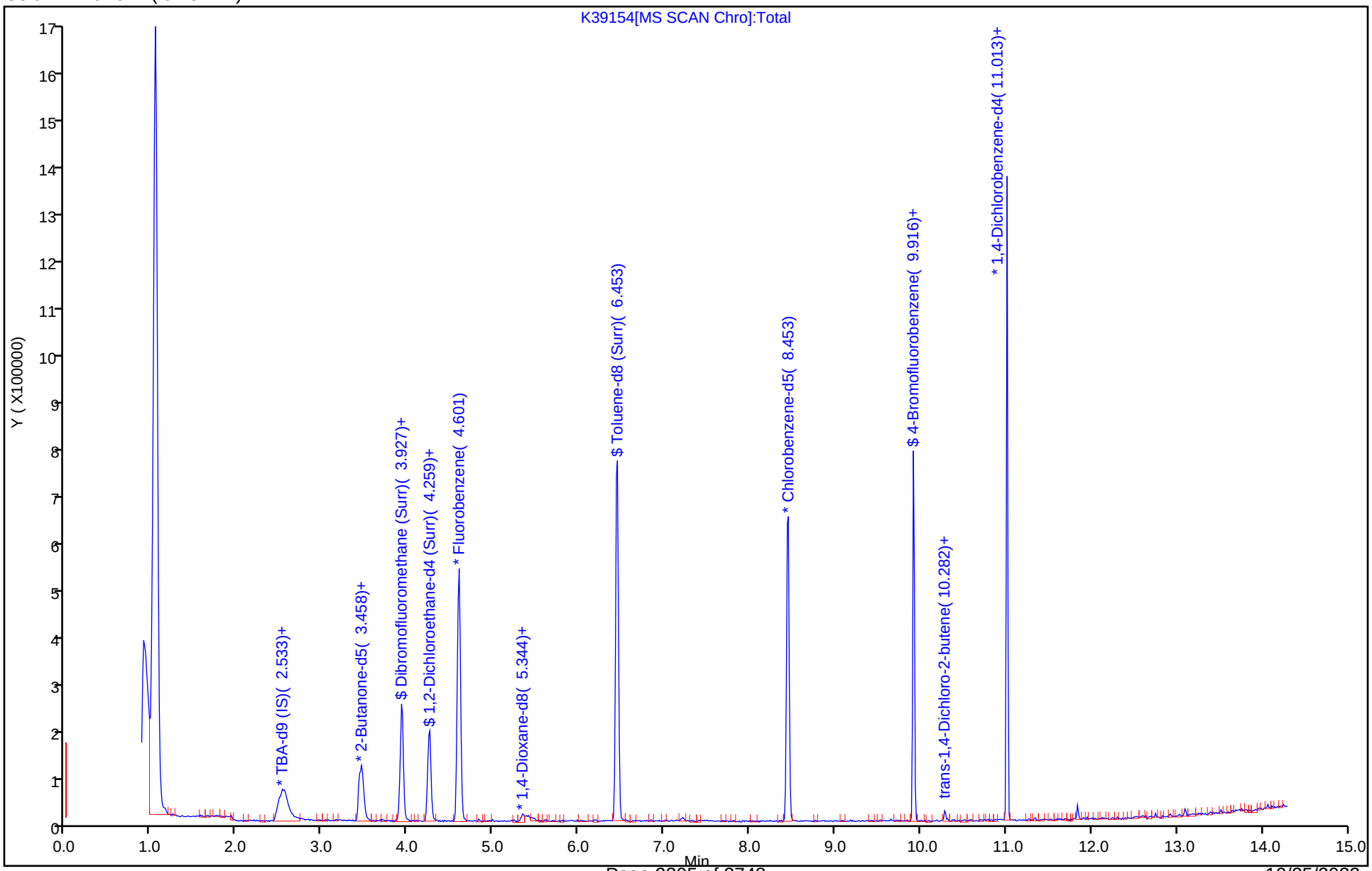
Report Date: 17-Oct-2022 14:04:02 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39154.D

Injection Date:	17-Oct-2022 11:49:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39154.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 11:49:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151838-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:04:02 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 14:04:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.4	106.84
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.7	101.44
$ 83 Toluene-d8 (Surr)	50.0	46.7	93.35
$ 105 4-Bromofluorobenzene	50.0	48.2	96.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872367/8

Matrix: Water | Lab File ID: V26617.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 11:33

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872367 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26617.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 11:33:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151847-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 21:03:05 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:03:05

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	2.555	2.555	0.000	97	38869	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	99	450727	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	171780	50.0	55.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	98	256473	50.0	51.8	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	659372	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	91	17800	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.247	6.247	0.000	98	756904	50.0	48.0	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	414775	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	172432	50.0	54.8	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	194171	50.0	50.0	

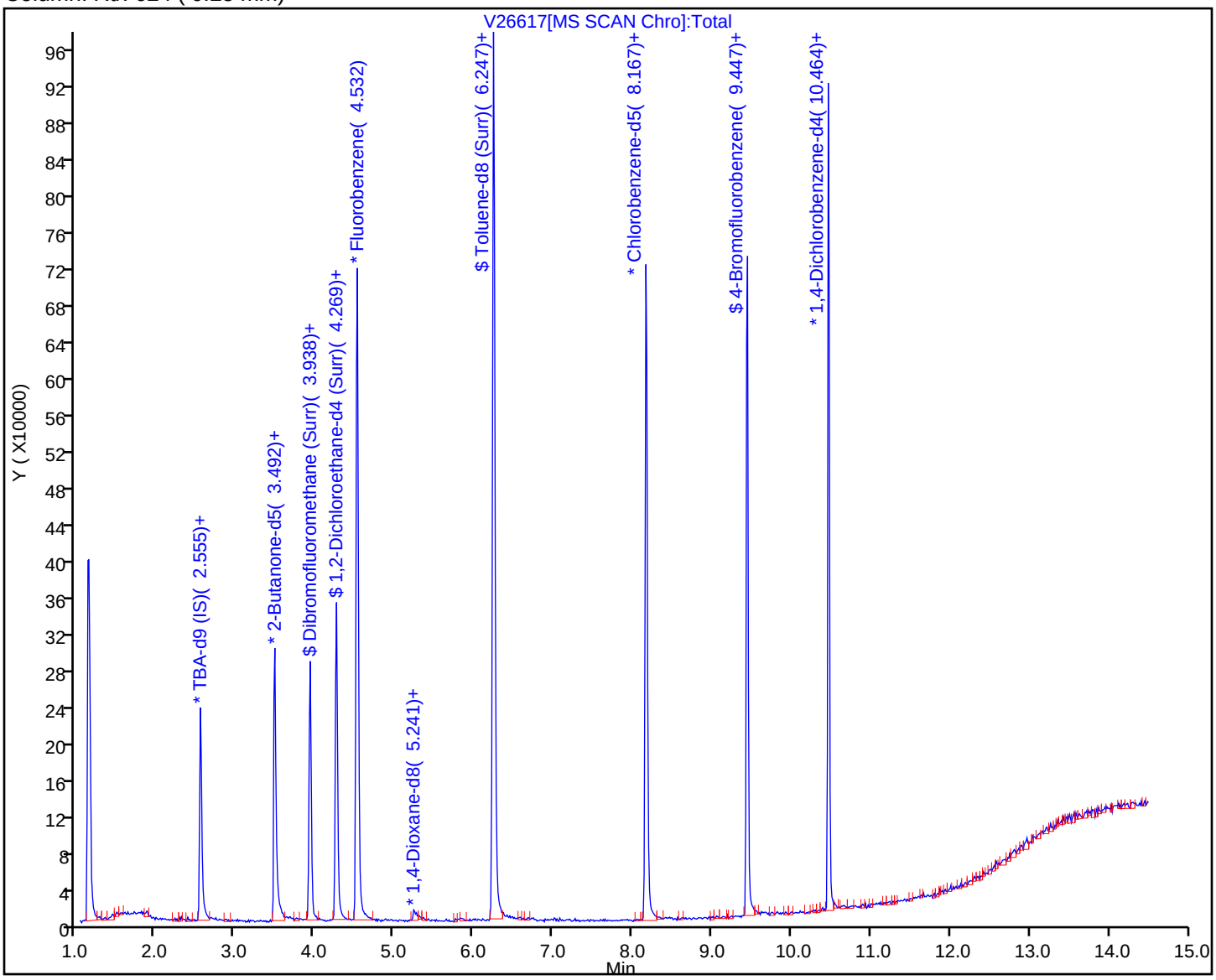
Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 17-Oct-2022 21:03:06 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26617.D
Injection Date: 17-Oct-2022 11:33:30 Instrument ID: CVOAMS7
Lims ID: MB
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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26617.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 11:33:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151847-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 21:03:05 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:03:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	55.9	111.71
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.67
$ 82 Toluene-d8 (Surr)	50.0	48.0	96.08
$ 105 4-Bromofluorobenzene	50.0	54.8	109.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872430/7

Matrix: Solid | Lab File ID: B93145.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 20:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	89		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	87		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93145.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 20:19:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151860-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:11:08 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 14:11:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.160	2.160	0.000	0	509775	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.099	3.099	0.000	0	525843	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.581	0.006	97	155299	50.0	51.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.922	0.006	0	192556	50.0	51.0	
* 60 Fluorobenzene	96	4.312	4.312	0.000	97	631779	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.214	5.227	-0.013	0	28797	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.464	0.000	98	612068	50.0	43.3	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	91	470331	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	86	159403	50.0	44.4	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.878	0.006	98	245614	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

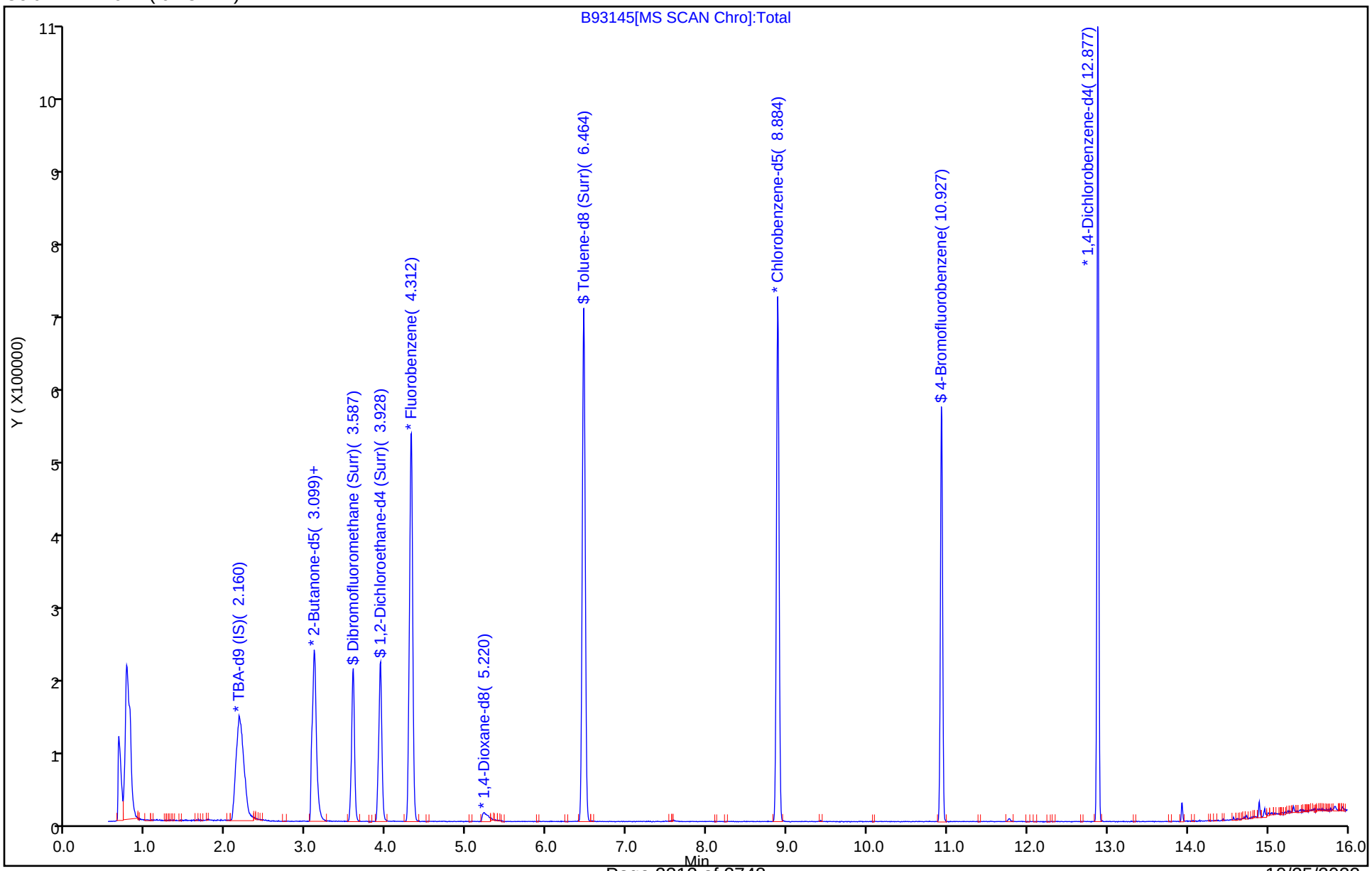
Report Date: 18-Oct-2022 14:11:19 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93145.D

Injection Date:	17-Oct-2022 20:19:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93145.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 20:19:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151860-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:11:08 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 14:11:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	51.8	103.55
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.0	102.08
$ 79 Toluene-d8 (Surr)	50.0	43.3	86.55
$ 103 4-Bromofluorobenzene	50.0	44.4	88.74

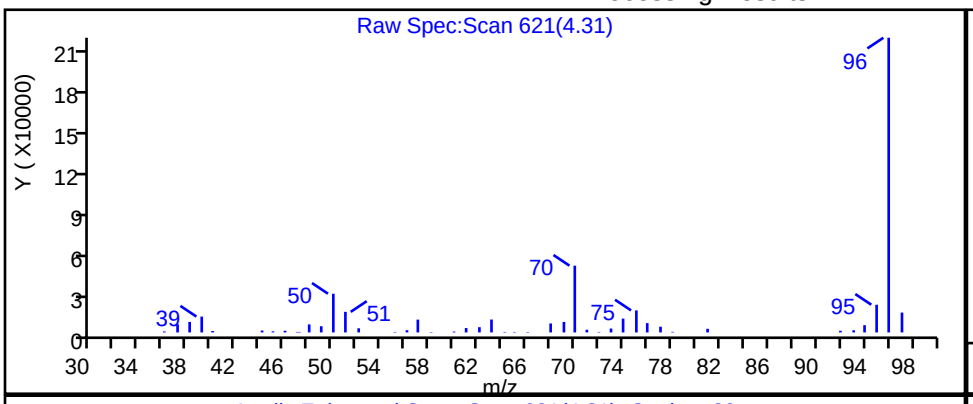
User Disabled Compound Report

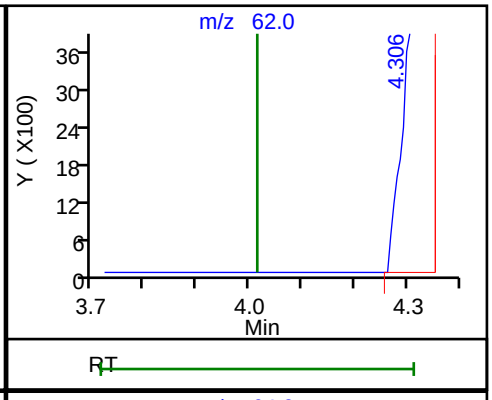
Eurofins Edison

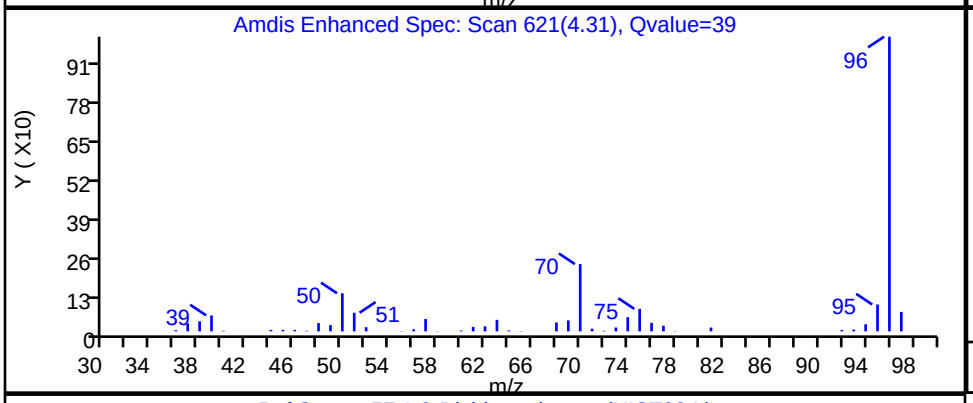
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93145.D
Injection Date: 17-Oct-2022 20:19:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

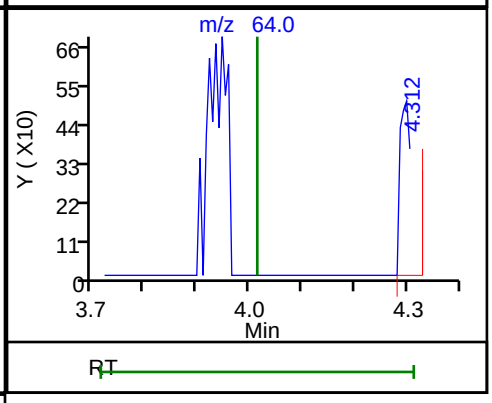
57 1,2-Dichloroethane, CAS: 107-06-2

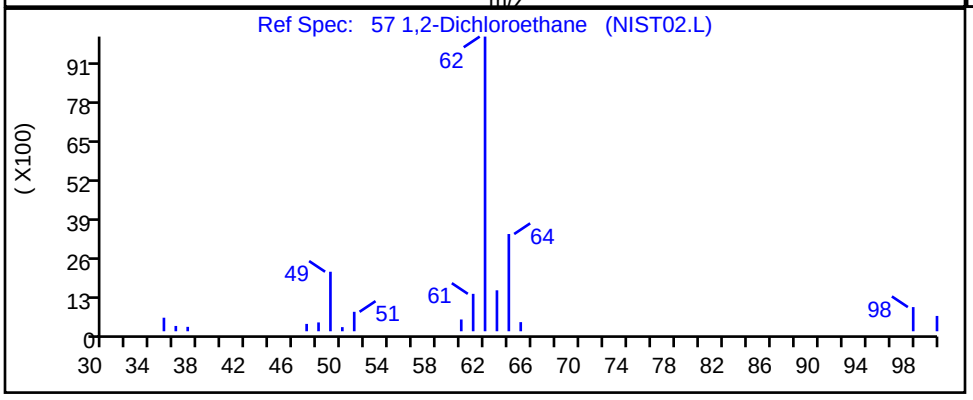
Processing Results











RT	Mass	Response	Amount
4.31	62.00	10036	2.398236
4.31	64.00	1443	

Reviewer: C1JX, 17-Oct-2022 21:02:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872434/31

Matrix: Solid | Lab File ID: D99243.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 21:54

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872434 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		72-145
460-00-4	Bromofluorobenzene	104		75-139
1868-53-7	Dibromofluoromethane (Surr)	111		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99243.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 21:54:30 ALS Bottle#: 8 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151861-031
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:14:20 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 17:14:20

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)	65	3.132	3.138	-0.006	0	164741	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.363	4.363	0.000	36	149147	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.924	0.000	97	166824	50.0	55.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.326	0.000	97	132593	50.0	51.7	
* 65 Fluorobenzene	96	5.649	5.655	-0.006	99	428807	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.509	6.515	-0.006	0	15064	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.539	-0.006	99	543842	50.0	52.3	
* 93 Chlorobenzene-d5	117	8.941	8.941	0.000	85	361428	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	153300	50.0	51.9	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.001	95	182805	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

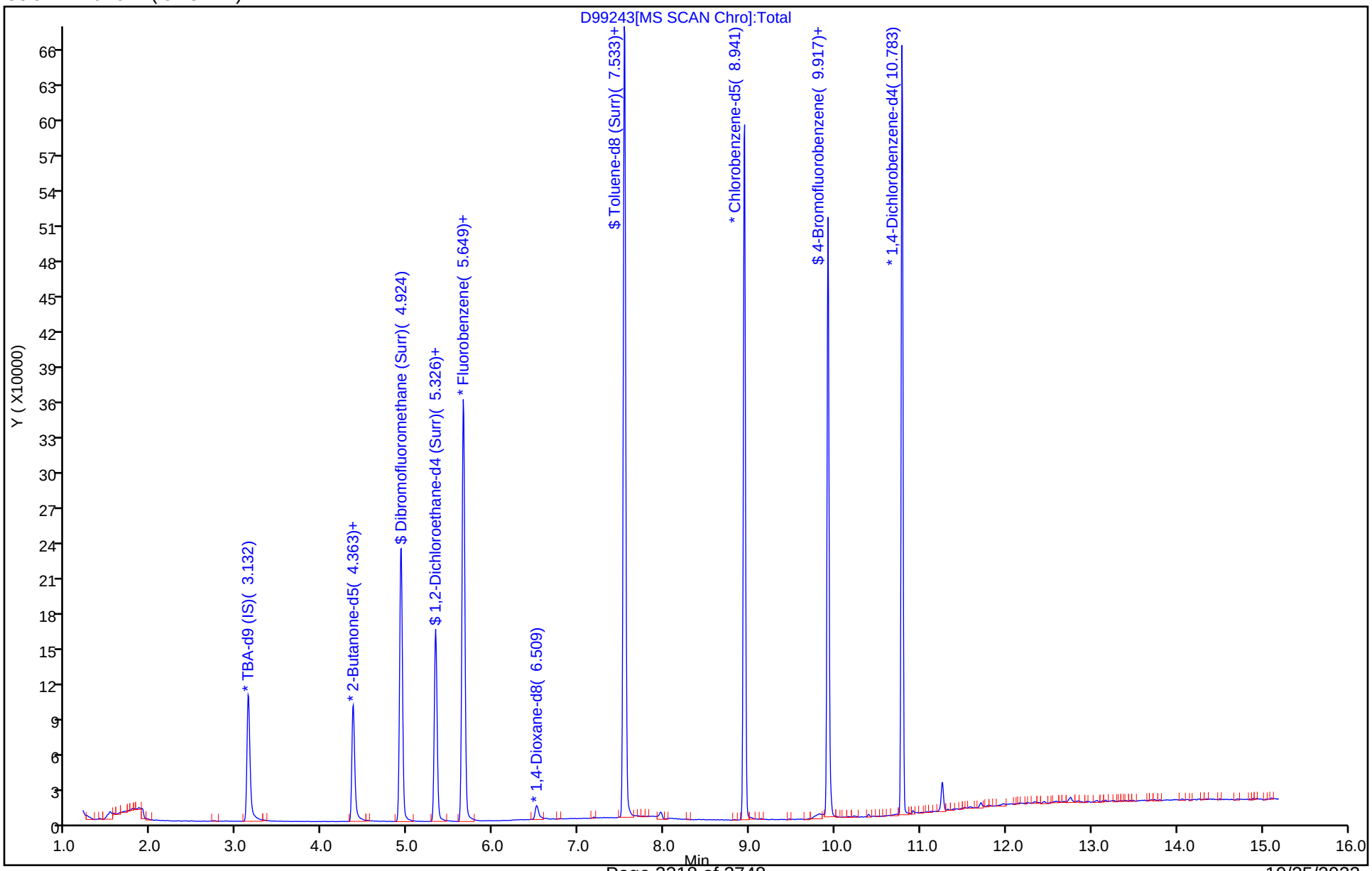
Report Date: 18-Oct-2022 17:14:21 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99243.D

Injection Date:	17-Oct-2022 21:54:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	31
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99243.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 21:54:30 ALS Bottle#: 8 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151861-031
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:14:20 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 17:14:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.4	110.87
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.43
$ 82 Toluene-d8 (Surr)	50.0	52.3	104.62
$ 104 4-Bromofluorobenzene	50.0	51.9	103.81

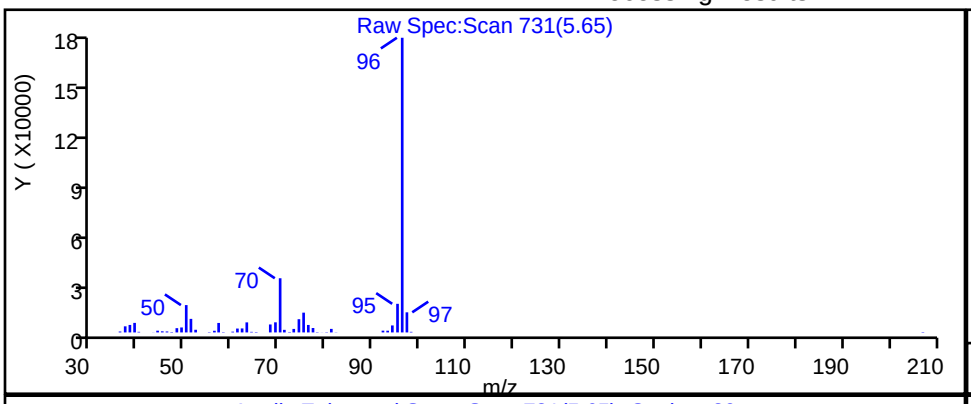
User Disabled Compound Report

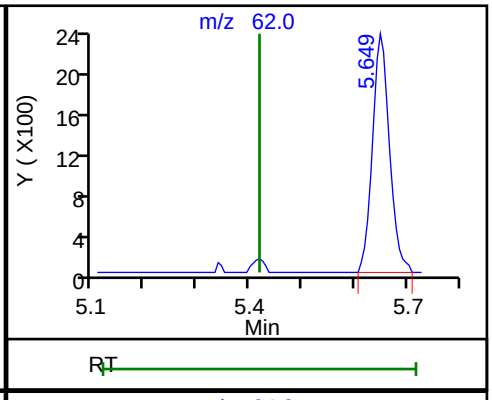
Eurofins Edison

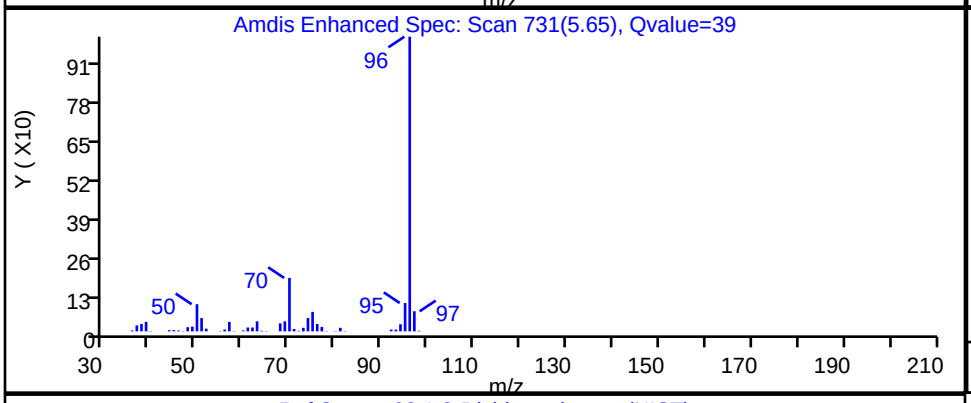
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99243.D
Injection Date: 17-Oct-2022 21:54:30 Instrument ID: CVOAMS4
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

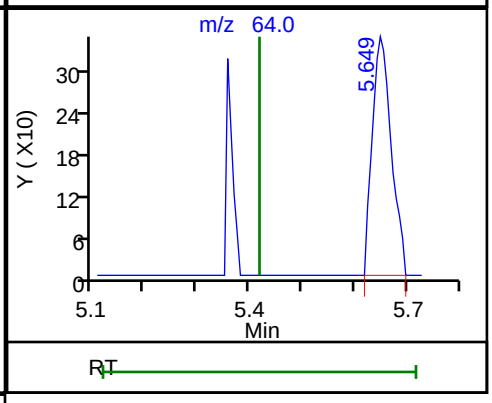
63 1,2-Dichloroethane, CAS: 107-06-2

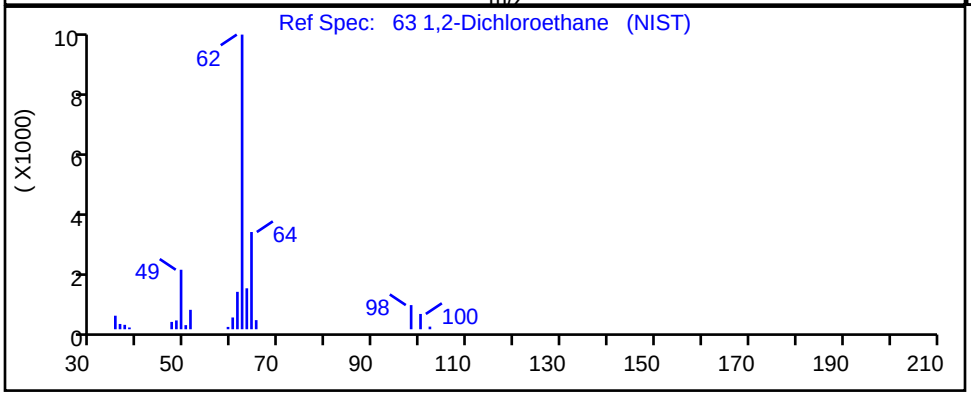
Processing Results











RT	Mass	Response	Amount
5.65	62.00	5416	1.565495
5.65	64.00	879	

Reviewer: C1JX, 17-Oct-2022 22:13:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872456/8

Matrix: Solid | Lab File ID: K39182.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 22:05

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872456 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39182.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 22:05:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151865-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:15:19 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 12:15:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.556	2.567	-0.011	95	525457	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.470	3.436	0.034	97	360500	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	0.000	95	213085	50.0	56.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	206256	50.0	54.4	
* 66 Fluorobenzene	96	4.602	4.602	0.000	100	714472	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.345	5.345	0.000	94	56441	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	706180	50.0	47.3	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	487570	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	183915	50.0	48.6	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	267362	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

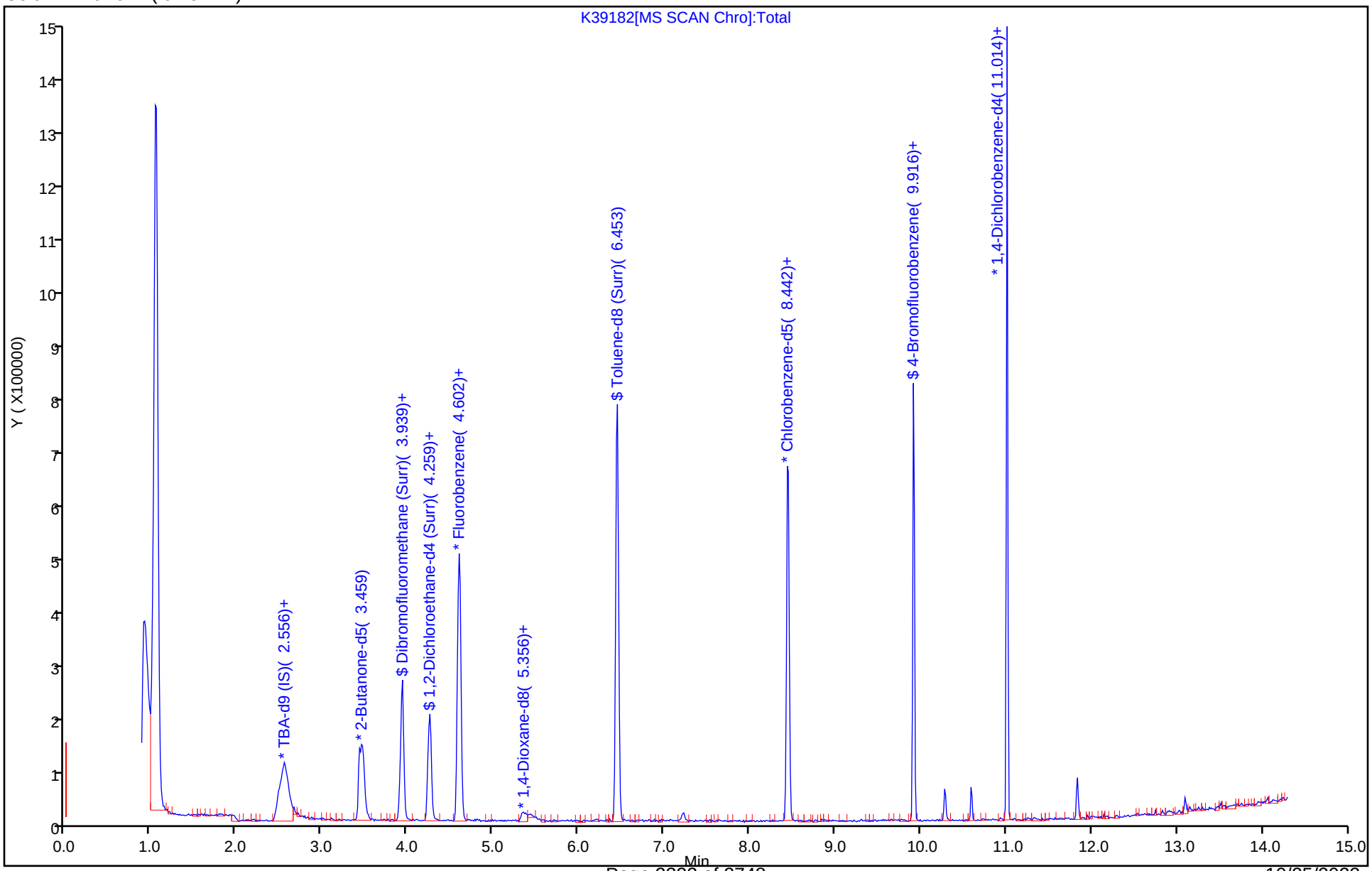
Report Date: 18-Oct-2022 12:15:19 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39182.D

Injection Date:	17-Oct-2022 22:05:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39182.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2022 22:05:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151865-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:15:19 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 12:15:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	56.6	113.26
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	54.4	108.82
$ 83 Toluene-d8 (Surr)	50.0	47.3	94.65
$ 105 4-Bromofluorobenzene	50.0	48.6	97.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872520/9

Matrix: Solid | Lab File ID: D99273.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 09:20

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99273.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Oct-2022 09:20:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151878-009
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:37:14 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 14:37:14

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)	65	3.132	3.132	0.000	0	164537	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	36	150680	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	202990	50.0	56.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	154097	50.0	50.5	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	510210	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.509	6.503	0.006	0	15183	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	670162	50.0	50.6	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	459992	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	194064	50.0	49.7	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	0.000	94	241494	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

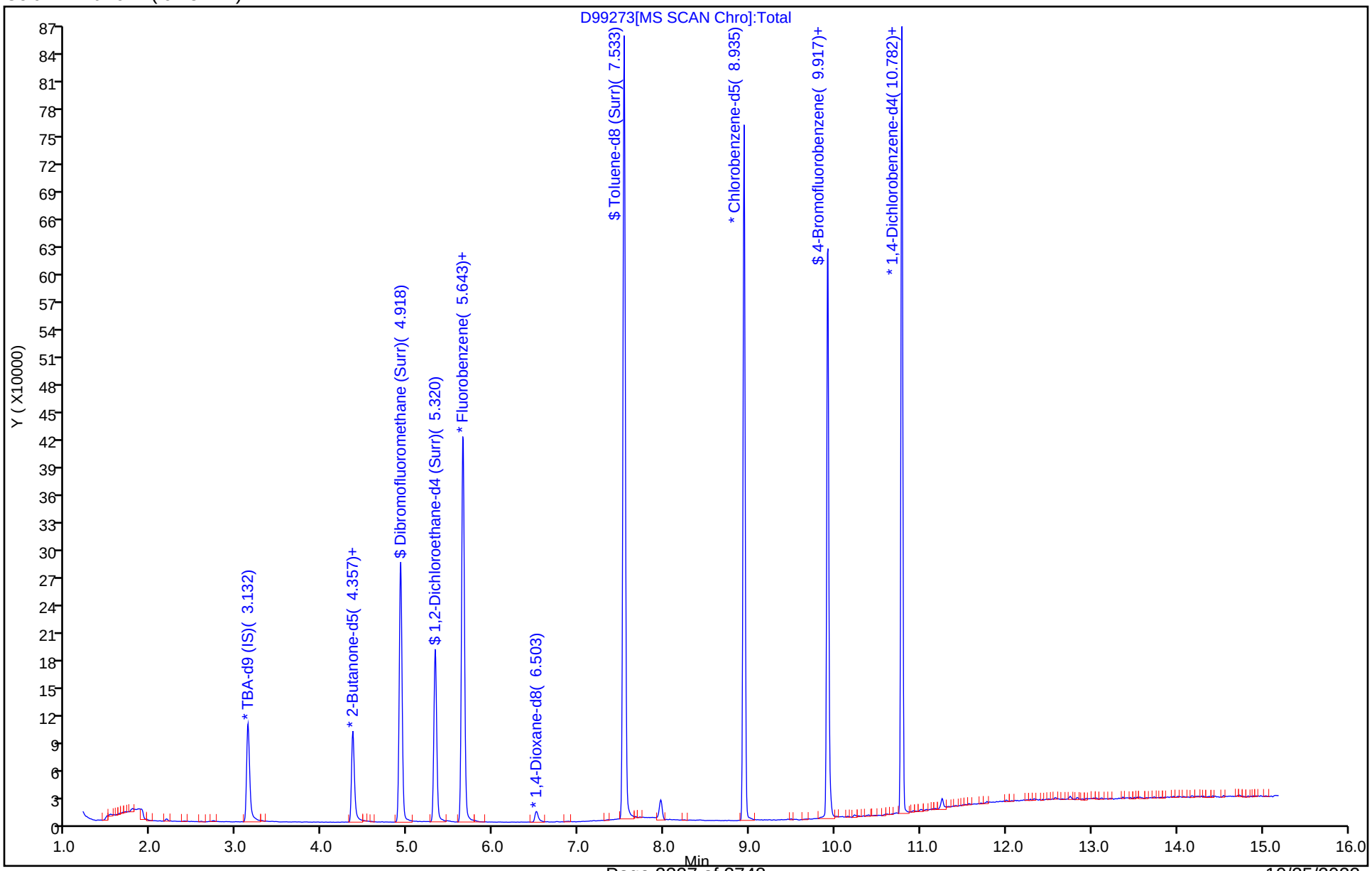
Report Date: 18-Oct-2022 14:37:14 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99273.D

Injection Date:	18-Oct-2022 09:20:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99273.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Oct-2022 09:20:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151878-009
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:37:14 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 14:37:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	56.7	113.38
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	101.03
$ 82 Toluene-d8 (Surr)	50.0	50.6	101.29
$ 104 4-Bromofluorobenzene	50.0	49.7	99.48

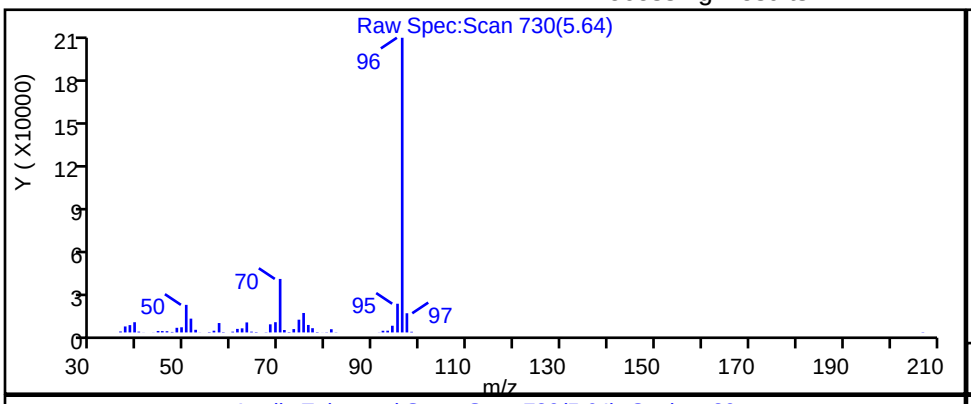
User Disabled Compound Report

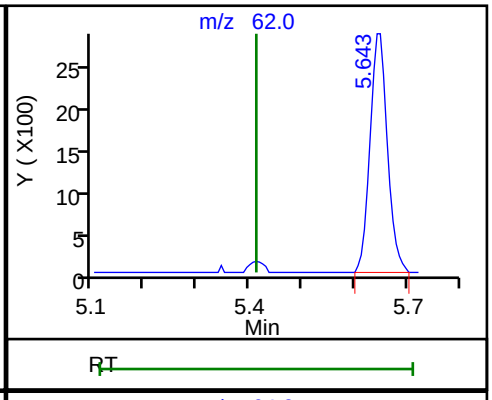
Eurofins Edison

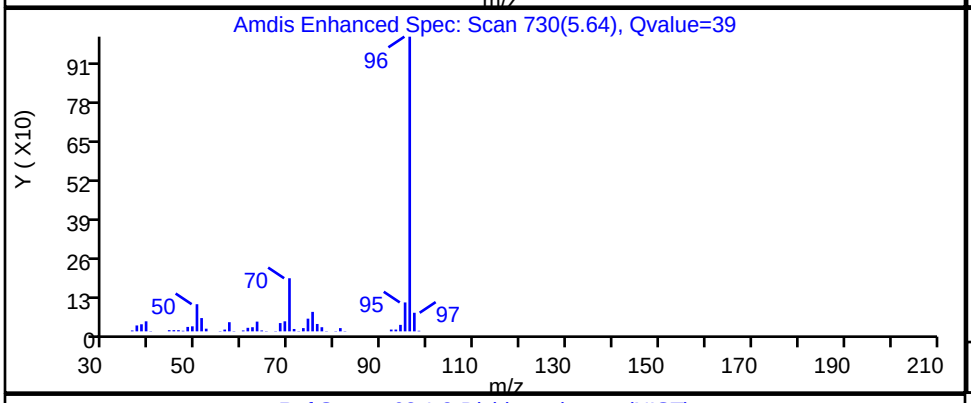
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99273.D
Injection Date: 18-Oct-2022 09:20:30 Instrument ID: CVOAMS4
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

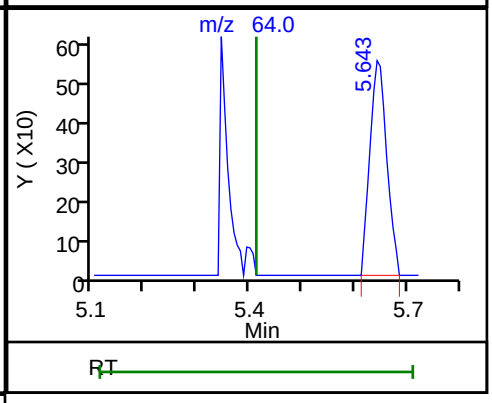
63 1,2-Dichloroethane, CAS: 107-06-2

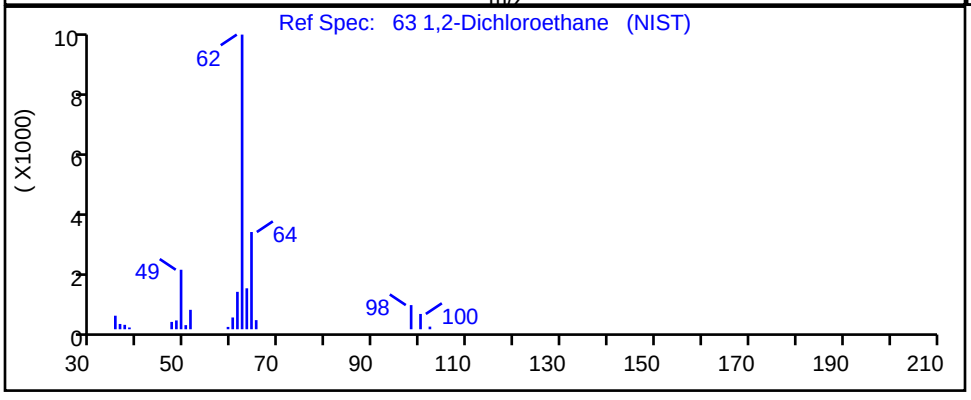
Processing Results











RT	Mass	Response	Amount
5.64	62.00	6708	1.629592
5.64	64.00	1247	

Reviewer: N1JZ, 18-Oct-2022 09:43:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872551/8

Matrix: Solid | Lab File ID: O82884.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 10:57

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 872551 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.010
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.012
75-35-4	1,1-Dichloroethene	0.050	U	0.050	0.013
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.013
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.0090
75-27-4	Bromodichloromethane	0.050	U	0.050	0.0075
56-23-5	Carbon tetrachloride	0.050	U	0.050	0.017
108-90-7	Chlorobenzene	0.050	U	0.050	0.012
75-00-3	Chloroethane	0.050	U	0.050	0.019
67-66-3	Chloroform	0.050	U	0.050	0.011
74-87-3	Chloromethane	0.050	U	0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.050	U	0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.011
124-48-1	Dibromochloromethane	0.050	U	0.050	0.011
75-09-2	Methylene Chloride	0.050	U	0.050	0.011
127-18-4	Tetrachloroethene	0.050	U	0.050	0.018
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.011
79-01-6	Trichloroethene	0.050	U	0.050	0.011
75-01-4	Vinyl chloride	0.050	U	0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		68-150
460-00-4	Bromofluorobenzene	86		70-150
1868-53-7	Dibromofluoromethane (Surr)	97		68-150
2037-26-5	Toluene-d8 (Surr)	97		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82884.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Oct-2022 10:57:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0151895-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 11:50:50 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 11:50:50

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)	65	1.883	1.883	0.000	99	94528	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	90152	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	101266	50.0	48.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	97440	50.0	46.8	
* 65 Fluorobenzene	96	3.665	3.664	0.000	100	412558	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	21434	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.001	99	470581	50.0	48.3	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	387590	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	128839	50.0	42.9	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	95	186493	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00231 Amount Added: 1.00 Units: uL
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

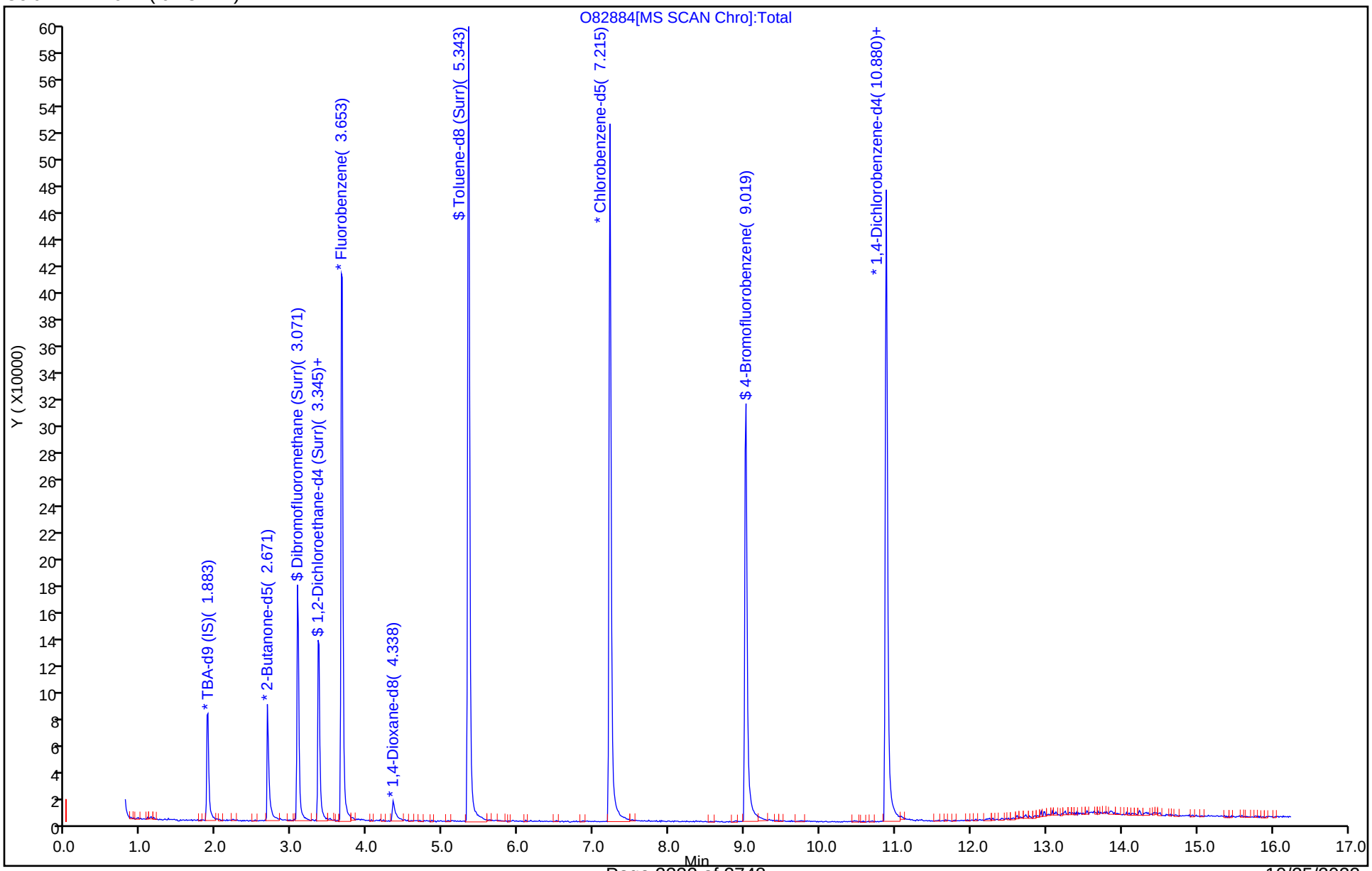
Report Date: 18-Oct-2022 11:50:50 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82884.d

Injection Date:	18-Oct-2022 10:57:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	7
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82884.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Oct-2022 10:57:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0151895-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 11:50:50 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 11:50:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	48.5	96.93
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	46.8	93.51
$ 83 Toluene-d8 (Surr)	50.0	48.3	96.58
$ 105 4-Bromofluorobenzene	50.0	42.9	85.87

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872654/9

Matrix: Solid | Lab File ID: D99305.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 21:31

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872654 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		72-145
460-00-4	Bromofluorobenzene	102		75-139
1868-53-7	Dibromofluoromethane (Surr)	120		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99305.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Oct-2022 21:31:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151912-009
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 12:47:45 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 21:50:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.260	1.260	0.000	97	34756		10.5	
* 31 TBA-d9 (IS)	65	3.132	3.131	0.001	0	203221	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.351	4.357	-0.006	74	177137	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.918	-0.006	97	218711	50.0	60.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	171589	50.0	55.3	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	519038	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	19717	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.527	7.533	-0.006	99	722676	50.0	51.2	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	490289	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.911	9.917	-0.006	0	212522	50.0	50.9	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.782	0.001	95	258623	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00233 Amount Added: 1.00 Units: uL Run Reagent

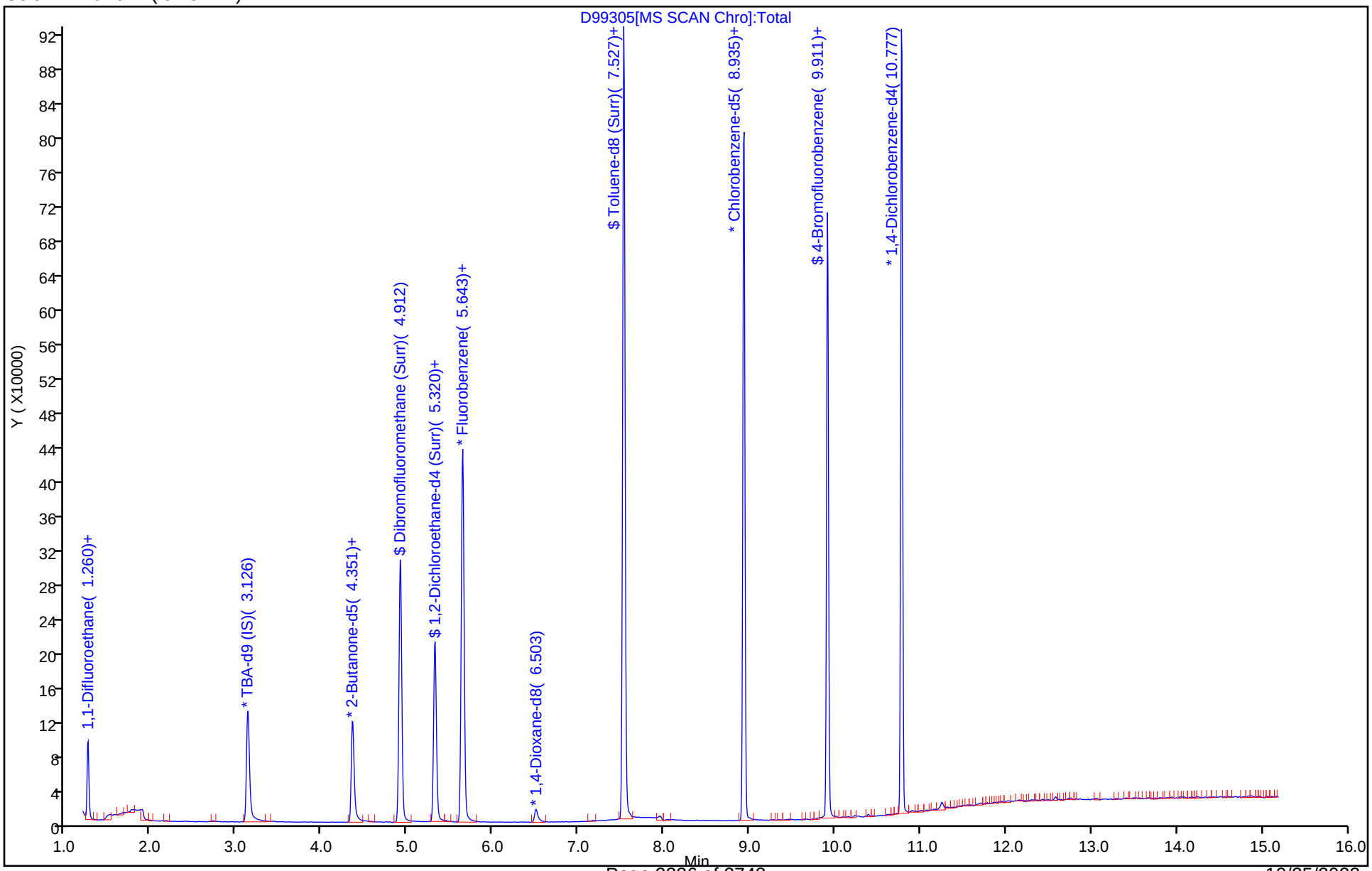
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99305.D

Injection Date:	18-Oct-2022 21:31:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99305.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Oct-2022 21:31:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151912-009
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 12:47:45 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 21:50:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	60.0	120.09
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.3	110.58
$ 82 Toluene-d8 (Surr)	50.0	51.2	102.48
$ 104 4-Bromofluorobenzene	50.0	50.9	101.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872711/9

Matrix: Solid | Lab File ID: O82916.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/19/2022 00:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 872711 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.010
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.012
75-35-4	1,1-Dichloroethene	0.050	U	0.050	0.013
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.013
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.0090
75-27-4	Bromodichloromethane	0.050	U	0.050	0.0075
56-23-5	Carbon tetrachloride	0.050	U	0.050	0.017
108-90-7	Chlorobenzene	0.050	U	0.050	0.012
75-00-3	Chloroethane	0.050	U	0.050	0.019
67-66-3	Chloroform	0.050	U	0.050	0.011
74-87-3	Chloromethane	0.050	U	0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.050	U	0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.011
124-48-1	Dibromochloromethane	0.050	U	0.050	0.011
75-09-2	Methylene Chloride	0.050	U	0.050	0.011
127-18-4	Tetrachloroethene	0.050	U	0.050	0.018
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.011
79-01-6	Trichloroethene	0.050	U	0.050	0.011
75-01-4	Vinyl chloride	0.050	U	0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		68-150
460-00-4	Bromofluorobenzene	89		70-150
1868-53-7	Dibromofluoromethane (Surr)	91		68-150
2037-26-5	Toluene-d8 (Surr)	99		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82916.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Oct-2022 00:07:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0151922-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 14:49:50 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: NN6A Date: 19-Oct-2022 14:49:50

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)	65	1.883	1.883	0.000	99	104744	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	114762	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	97490	50.0	45.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	97916	50.0	45.7	
* 65 Fluorobenzene	96	3.665	3.653	0.011	100	424249	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	24172	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	487321	50.0	49.5	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	391718	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	89	134459	50.0	44.3	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	198075	50.0	50.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	45	370		0.4699	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00231 Amount Added: 1.00 Units: uL
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

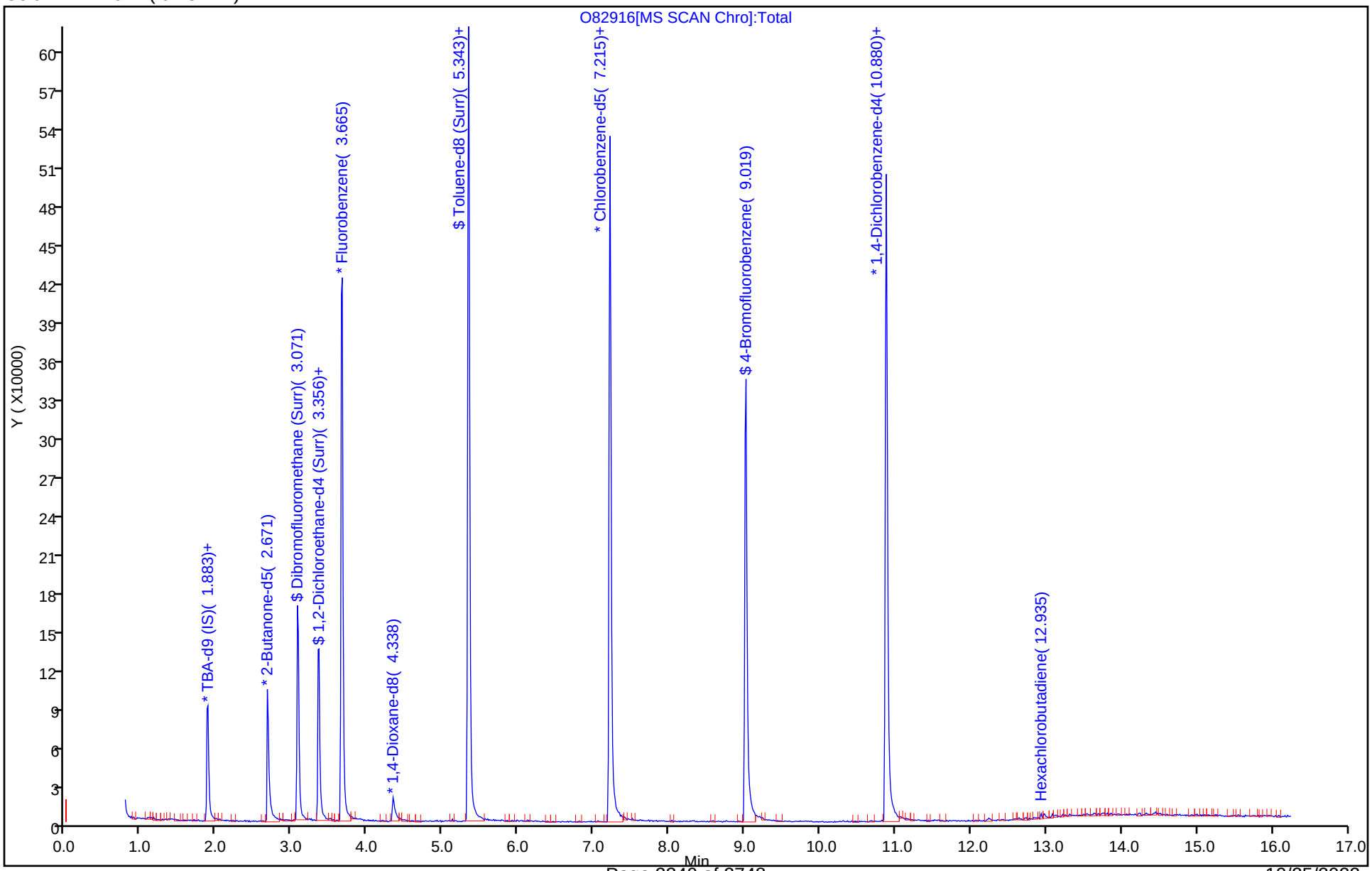
Report Date: 19-Oct-2022 14:49:51 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82916.d

Injection Date:	19-Oct-2022 00:07:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	8
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82916.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Oct-2022 00:07:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0151922-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 14:49:50 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: NN6A Date: 19-Oct-2022 14:49:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.4	90.74
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.7	91.37
$ 83 Toluene-d8 (Surr)	50.0	49.5	98.96
$ 105 4-Bromofluorobenzene	50.0	44.3	88.68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-872987/8

Matrix: Solid | Lab File ID: D99378.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2022 07:53

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		72-145
460-00-4	Bromofluorobenzene	110		75-139
1868-53-7	Dibromofluoromethane (Surr)	97		73-139
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99378.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Oct-2022 07:53:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151989-008
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:40:42 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 10:40:42

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)	65	3.119	3.119	0.000	0	126883	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.339	4.339	0.000	36	141236	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.899	4.900	-0.001	97	177169	50.0	48.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.302	5.302	0.000	96	143658	50.0	46.3	
* 65 Fluorobenzene	96	5.625	5.625	0.000	98	519405	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.485	6.485	0.000	0	11622	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.515	7.515	0.000	98	612226	50.0	56.8	
* 93 Chlorobenzene-d5	117	8.923	8.923	0.000	87	374826	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.905	9.905	0.000	0	163336	50.0	55.1	
* 120 1,4-Dichlorobenzene-d4	152	10.770	10.770	0.000	95	183417	50.0	50.0	
134 1,2,3-Trichlorobenzene	180	12.825	12.825	0.000	91	638		0.2592	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00233 Amount Added: 1.00 Units: uL Run Reagent

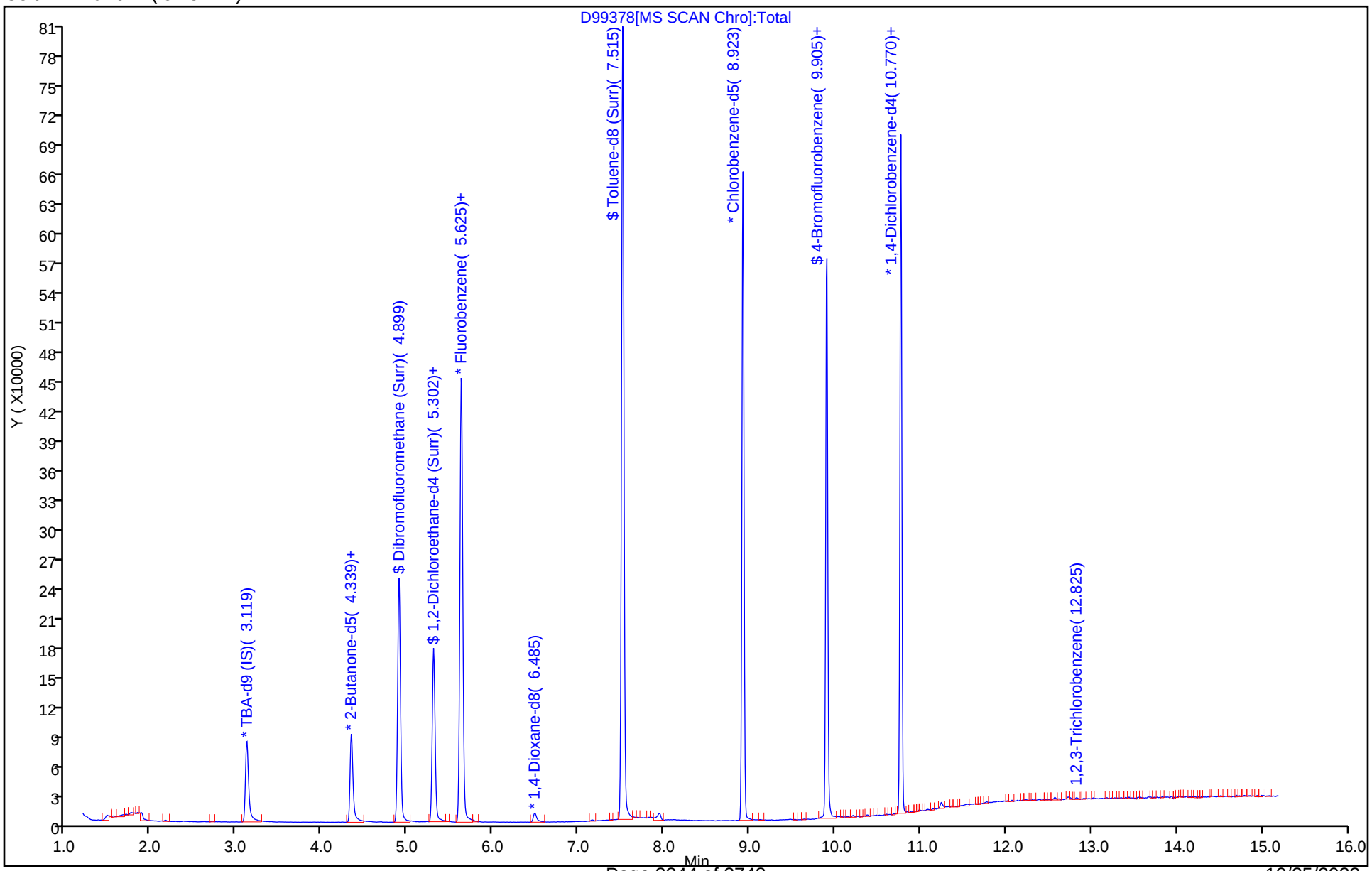
Report Date: 20-Oct-2022 10:40:42 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99378.D

Injection Date:	20-Oct-2022 07:53:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99378.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Oct-2022 07:53:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0151989-008
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:40:42 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 10:40:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.6	97.21
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.3	92.52
$ 82 Toluene-d8 (Surr)	50.0	56.8	113.56
$ 104 4-Bromofluorobenzene	50.0	55.1	110.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-873205/10

Matrix: Solid | Lab File ID: O83011.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/21/2022 01:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 873205 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.010
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.012
75-35-4	1,1-Dichloroethene	0.050	U	0.050	0.013
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.013
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.0090
75-27-4	Bromodichloromethane	0.050	U	0.050	0.0075
56-23-5	Carbon tetrachloride	0.050	U	0.050	0.017
108-90-7	Chlorobenzene	0.050	U	0.050	0.012
75-00-3	Chloroethane	0.050	U	0.050	0.019
67-66-3	Chloroform	0.050	U	0.050	0.011
74-87-3	Chloromethane	0.050	U	0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.050	U	0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.011
124-48-1	Dibromochloromethane	0.050	U	0.050	0.011
75-09-2	Methylene Chloride	0.050	U	0.050	0.011
127-18-4	Tetrachloroethene	0.050	U	0.050	0.018
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.011
79-01-6	Trichloroethene	0.050	U	0.050	0.011
75-01-4	Vinyl chloride	0.050	U	0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		68-150
460-00-4	Bromofluorobenzene	97		70-150
1868-53-7	Dibromofluoromethane (Surr)	105		68-150
2037-26-5	Toluene-d8 (Surr)	101		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83011.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Oct-2022 01:04:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:31:39 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:31:39

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)	65	1.872	1.883	-0.011	99	119261	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	100	125391	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	94	124446	50.0	52.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	129990	50.0	51.2	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	549205	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	28131	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	569758	50.0	50.7	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	86	435426	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.008	0.011	85	133398	50.0	48.6	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	196457	50.0	50.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	86	432		0.6510	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00231 Amount Added: 1.00 Units: uL
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

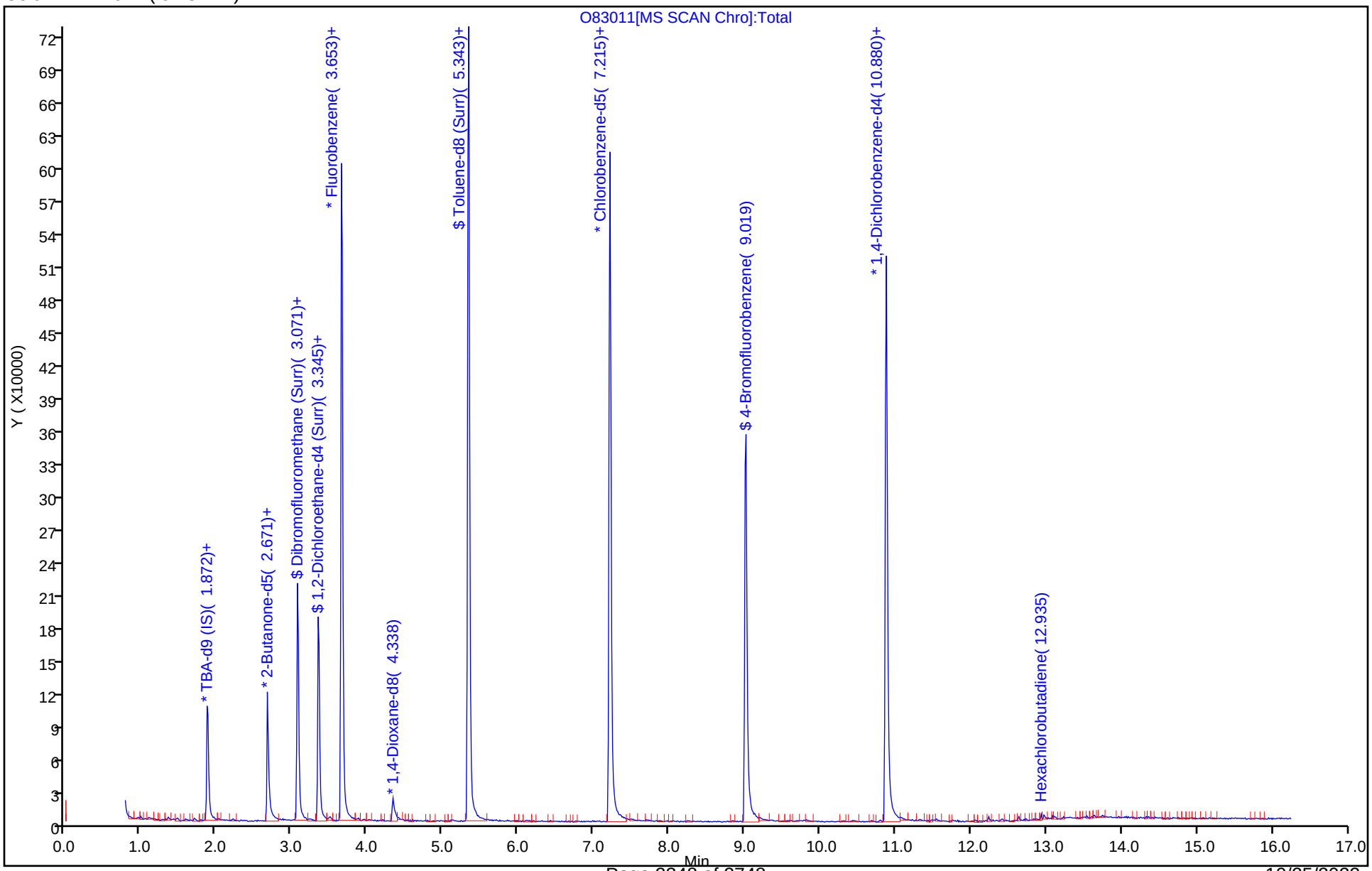
Report Date: 21-Oct-2022 10:31:40 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83011.d

Injection Date:	21-Oct-2022 01:04:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	9
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83011.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Oct-2022 01:04:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:31:39 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:31:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.4	104.76
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.41
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.40
$ 105 4-Bromofluorobenzene	50.0	48.6	97.14

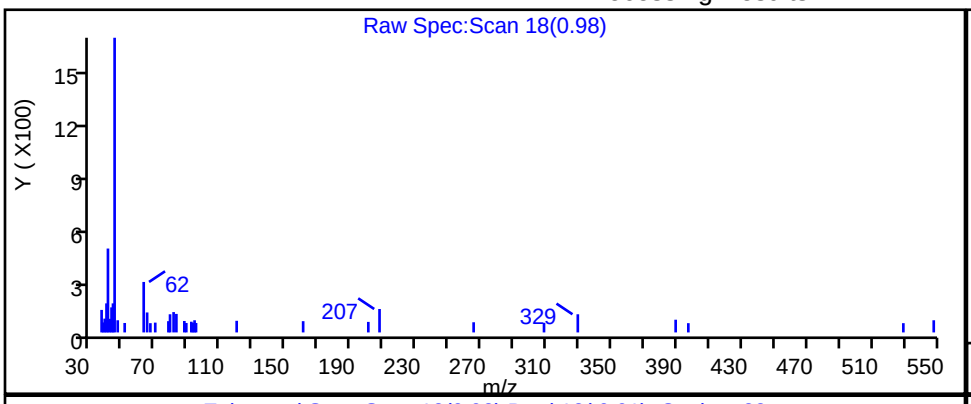
User Disabled Compound Report

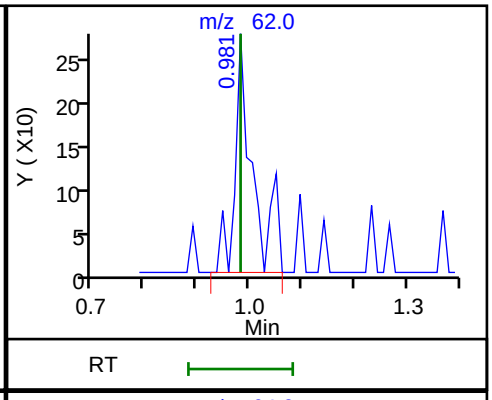
Eurofins Edison

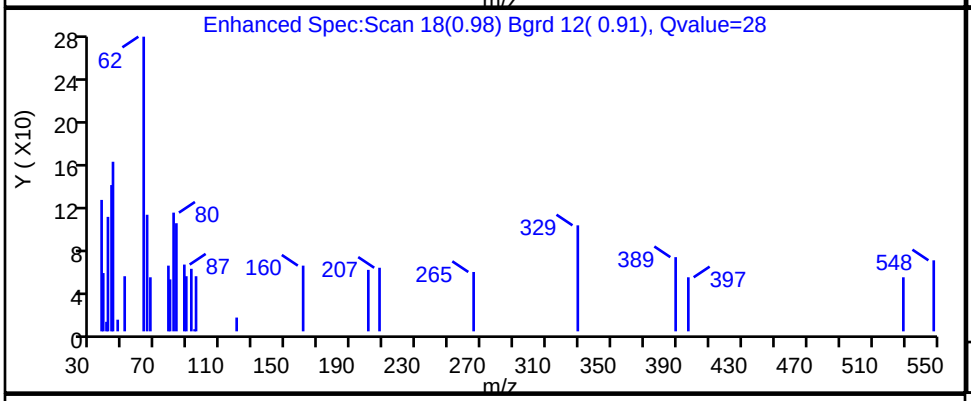
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Injection Date: 21-Oct-2022 01:04:30 Instrument ID: CVOAMS12
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

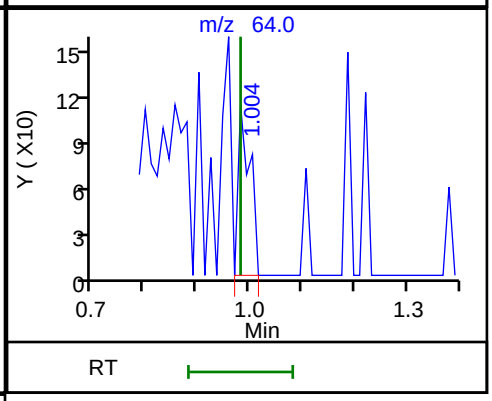
7 Vinyl chloride, CAS: 75-01-4

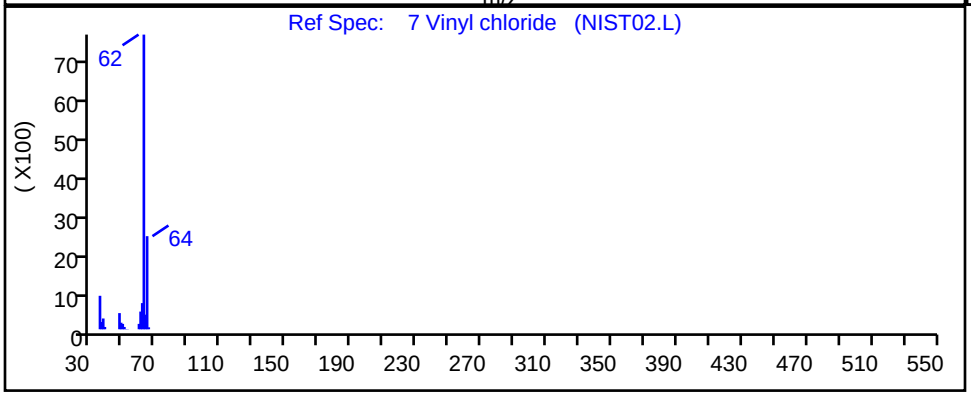
Processing Results











RT	Mass	Response	Amount
0.98	62.00	664	0.245196
1.00	64.00	173	

Reviewer: HVW2, 21-Oct-2022 02:14:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-871955/1-A

Matrix: Solid | Lab File ID: B93115.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 10/17/2022 07:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	115		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93115.D
Lims ID: LB3 460-871955/1-A
Client ID:
Sample Type: LB3
Inject. Date: 17-Oct-2022 07:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-871955/1-A
Misc. Info.: 460-0151824-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:13:26 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 11:14:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.160	2.142	0.018	0	411839	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.099	3.081	0.019	0	428617	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.574	0.013	96	175450	50.0	57.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.928	3.910	0.018	0	206316	50.0	53.7	
* 60 Fluorobenzene	96	4.312	4.300	0.012	98	643457	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.221	5.208	0.013	0	26822	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	737655	50.0	49.9	
* 91 Chlorobenzene-d5	117	8.891	8.884	0.007	89	491308	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	90	192395	50.0	50.0	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	98	263045	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

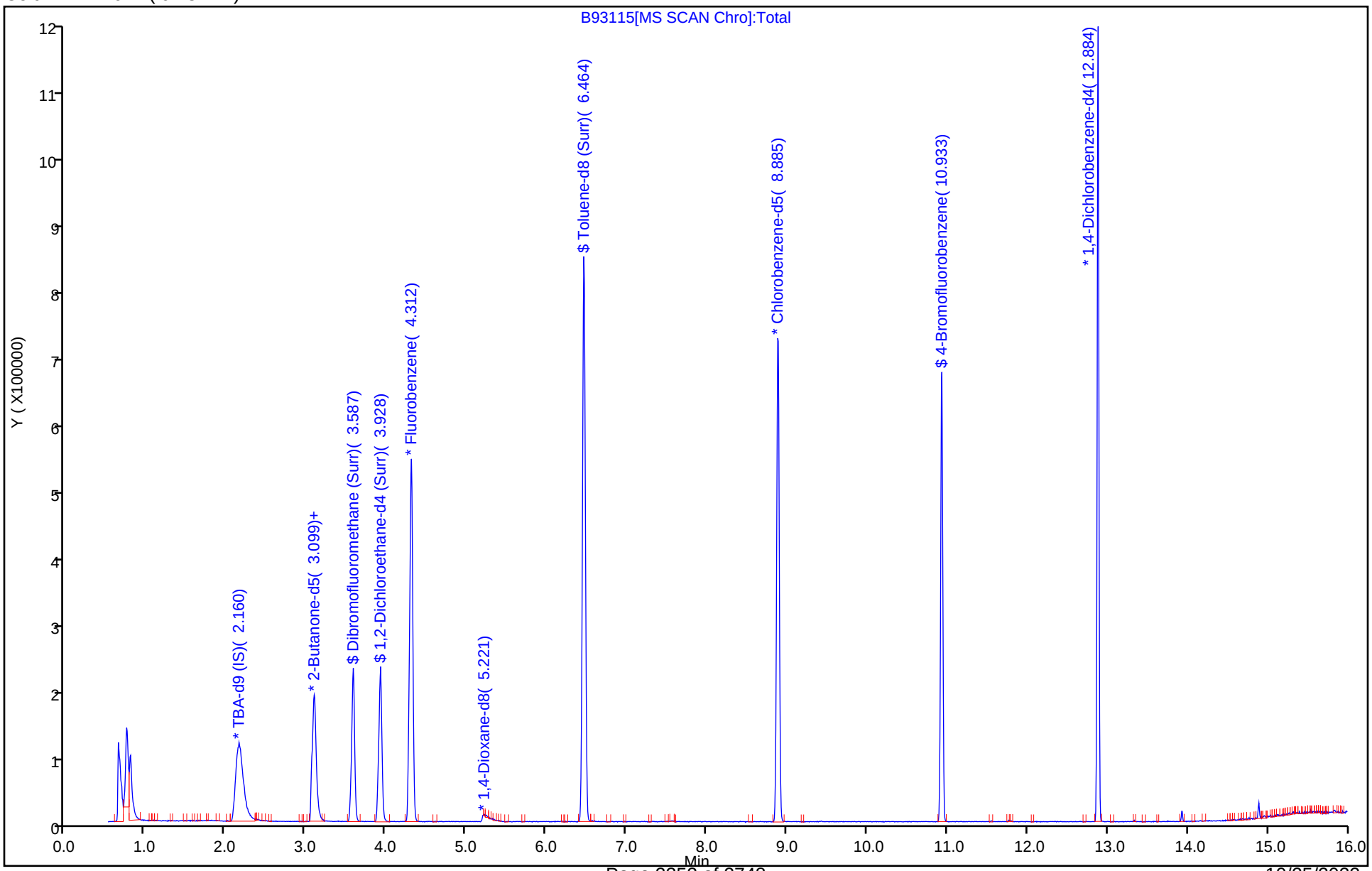
Report Date: 17-Oct-2022 11:14:10 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93115.D

Injection Date:	17-Oct-2022 07:22:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LB3 460-871955/1-A			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93115.D
Lims ID: LB3 460-871955/1-A
Client ID:
Sample Type: LB3
Inject. Date: 17-Oct-2022 07:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-871955/1-A
Misc. Info.: 460-0151824-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:13:26 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 11:14:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	57.4	114.86
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	53.7	107.39
$ 79 Toluene-d8 (Surr)	50.0	49.9	99.85
$ 103 4-Bromofluorobenzene	50.0	50.0	100.01

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-872117/1-A

Matrix: Solid | Lab File ID: D99223.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 10/17/2022 14:03

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		72-145
460-00-4	Bromofluorobenzene	104		75-139
1868-53-7	Dibromofluoromethane (Surr)	103		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99223.D
Lims ID: LB3 460-872117/1-A
Client ID:
Sample Type: LB3
Inject. Date: 17-Oct-2022 14:03:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-872117/1-A
Misc. Info.: 460-0151823-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 18:43:46 Calib Date: 17-Oct-2022 11:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99215.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 18:44:18

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)	65	3.132	3.126	0.006	0	131142	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.357	4.351	0.006	74	122468	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.912	0.006	98	155212	50.0	51.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	98	117669	50.0	45.6	
* 65 Fluorobenzene	96	5.649	5.643	0.006	99	431158	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.509	6.497	0.012	0	12462	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	520485	50.0	51.3	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	352639	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	149563	50.0	51.8	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	178699	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

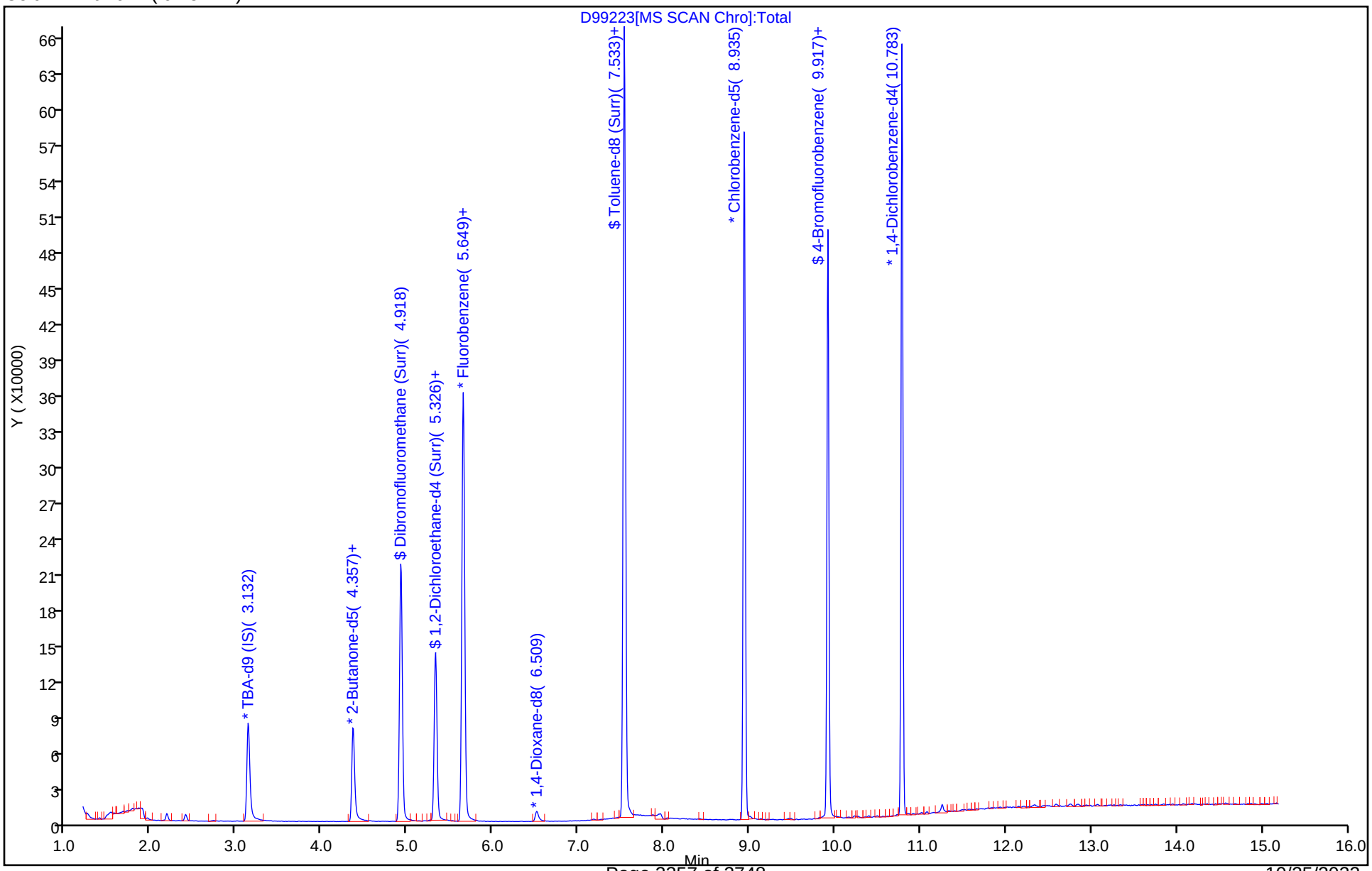
Report Date: 17-Oct-2022 18:44:18 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99223.D

Injection Date:	17-Oct-2022 14:03:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LB3 460-872117/1-A			Worklist Smp#:	23
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99223.D
Lims ID: LB3 460-872117/1-A
Client ID:
Sample Type: LB3
Inject. Date: 17-Oct-2022 14:03:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-872117/1-A
Misc. Info.: 460-0151823-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 18:43:46 Calib Date: 17-Oct-2022 11:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99215.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: C1JX Date: 17-Oct-2022 18:44:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.3	102.59
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	45.6	91.29
$ 82 Toluene-d8 (Surr)	50.0	51.3	102.62
$ 104 4-Bromofluorobenzene	50.0	51.8	103.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-872153/1-A

Matrix: Solid | Lab File ID: D99387.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 10/20/2022 11:15

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00019
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		72-145
460-00-4	Bromofluorobenzene	110		75-139
1868-53-7	Dibromofluoromethane (Surr)	98		73-139
2037-26-5	Toluene-d8 (Surr)	116		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99387.D
Lims ID: LB3 460-872153/1-A
Client ID:
Sample Type: LB3
Inject. Date: 20-Oct-2022 11:15:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-872153/1-A
Misc. Info.: 460-0151989-017
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 11:33:36 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 11:33:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.254	1.254	0.000	97	3799		1.24	
* 31 TBA-d9 (IS)	65	3.119	3.119	0.000	0	122347	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.339	4.339	0.000	37	137467	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.899	4.900	-0.001	96	165867	50.0	49.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.302	5.302	0.000	97	141400	50.0	49.1	
* 65 Fluorobenzene	96	5.625	5.625	0.000	98	481317	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.485	6.485	0.000	0	10687	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.515	7.515	0.000	98	593201	50.0	58.0	
* 93 Chlorobenzene-d5	117	8.923	8.923	0.000	87	355656	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.905	9.905	0.000	0	154204	50.0	55.2	
* 120 1,4-Dichlorobenzene-d4	152	10.770	10.770	0.000	96	172976	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00233 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 20-Oct-2022 11:33:36 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99387.D

Injection Date: 20-Oct-2022 11:15:30 Instrument ID: CVOAMS4 Operator ID:

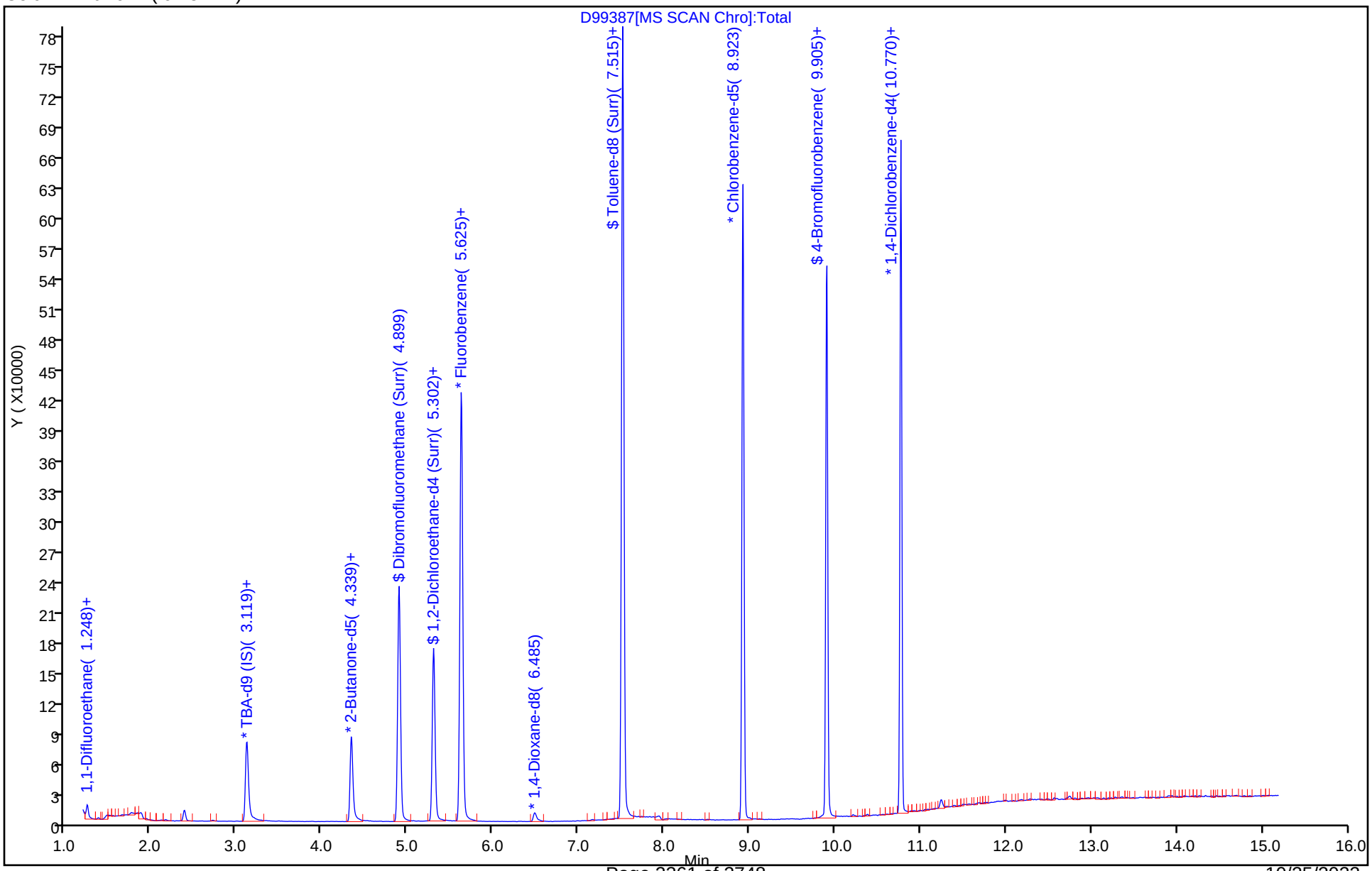
Lims ID: LB3 460-872153/1-A Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99387.D
Lims ID: LB3 460-872153/1-A
Client ID:
Sample Type: LB3
Inject. Date: 20-Oct-2022 11:15:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-872153/1-A
Misc. Info.: 460-0151989-017
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 11:33:36 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: NN6A Date: 20-Oct-2022 11:33:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.1	98.21
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.27
$ 82 Toluene-d8 (Surr)	50.0	58.0	115.96
$ 104 4-Bromofluorobenzene	50.0	55.2	110.35

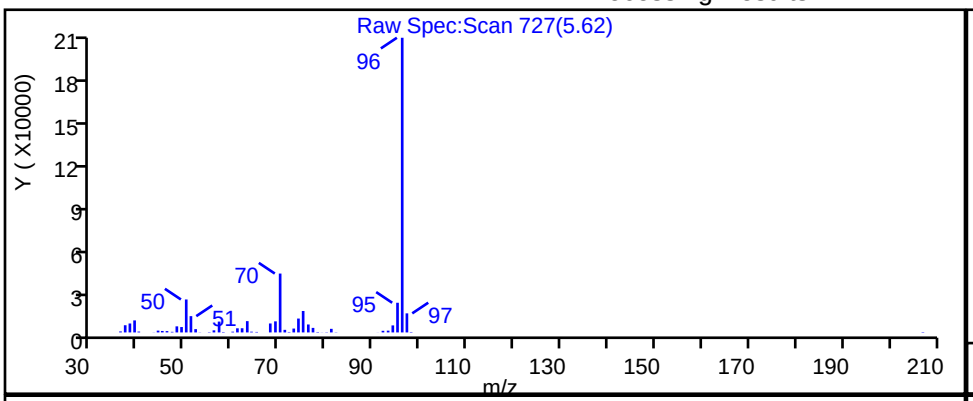
User Disabled Compound Report

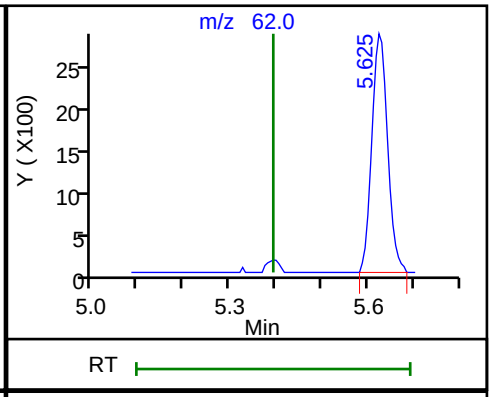
Eurofins Edison

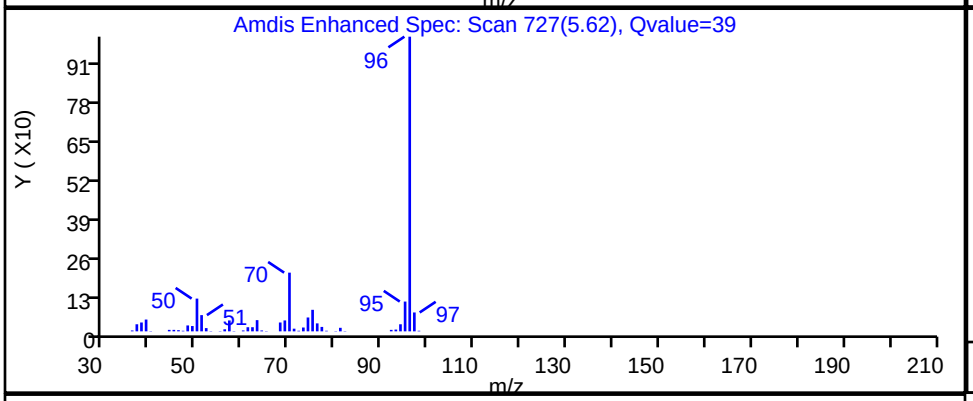
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99387.D
Injection Date: 20-Oct-2022 11:15:30 Instrument ID: CVOAMS4
Lims ID: LB3 460-872153/1-A
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

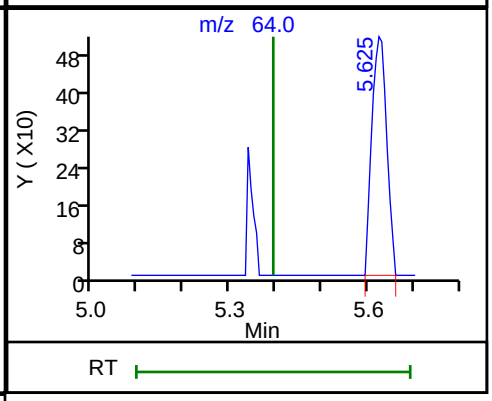
63 1,2-Dichloroethane, CAS: 107-06-2

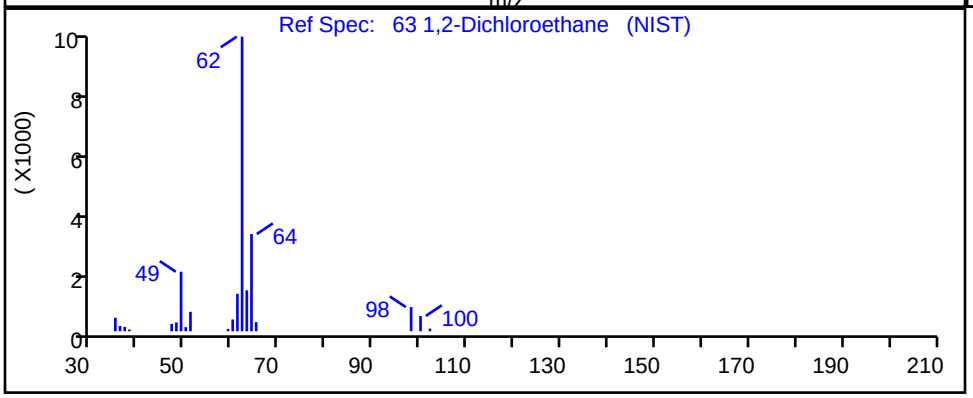
Processing Results











RT	Mass	Response	Amount
5.62	62.00	6829	1.758574
5.62	64.00	1168	

Reviewer: NN6A, 20-Oct-2022 11:33:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-871835/3

Matrix: Water | Lab File ID: O82696.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/13/2022 22:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.5		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.9		1.0	0.20
75-34-3	1,1-Dichloroethane	19.1		1.0	0.26
75-35-4	1,1-Dichloroethene	19.9		1.0	0.26
107-06-2	1,2-Dichloroethane	19.2		1.0	0.43
78-87-5	1,2-Dichloropropane	20.1		1.0	0.35
75-27-4	Bromodichloromethane	18.9		1.0	0.34
56-23-5	Carbon tetrachloride	19.0		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	20.9		1.0	0.32
67-66-3	Chloroform	19.4		1.0	0.33
74-87-3	Chloromethane	19.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.9		1.0	0.22
124-48-1	Dibromochloromethane	20.5		1.0	0.28
75-09-2	Methylene Chloride	20.0		1.0	0.32
127-18-4	Tetrachloroethene	21.2		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.3		1.0	0.22
79-01-6	Trichloroethene	18.8		1.0	0.31
75-01-4	Vinyl chloride	18.6		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82696.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Oct-2022 22:37:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151704-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 23:31:20 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: HVW2 Date: 13-Oct-2022 23:31:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	86	26494	20.0	27.1	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	69547	20.0	19.8	
5 Chlorodifluoromethane	67	0.879	0.879	0.000	96	12499	20.0	19.3	
6 Chloromethane	50	0.958	0.958	0.000	82	58985	20.0	19.9	
7 Vinyl chloride	62	0.981	0.981	0.000	98	57746	20.0	18.6	
8 Butadiene	54	0.993	0.993	0.000	94	52498	20.0	19.2	
9 Bromomethane	94	1.141	1.141	0.000	99	46456	20.0	20.6	
10 Chloroethane	64	1.187	1.187	0.000	99	42391	20.0	20.9	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	110584	20.0	20.4	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	97	97863	20.0	20.1	
13 Pentane	57	1.358	1.358	0.000	96	18478	40.0	36.5	
14 Ethanol	46	1.415	1.415	0.000	94	10061	800.0	962.5	
15 Ethyl ether	59	1.461	1.461	0.000	89	36395	20.0	19.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	93	56018	20.0	20.2	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	43344	20.0	19.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.506	0.000	95	73258	20.0	19.4	
19 Acrolein	56	1.529	1.529	0.000	27	6685	40.0	40.8	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	95	51411	20.0	19.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	97	52164	20.0	20.5	
22 Acetone	58	1.609	1.609	0.000	86	13090	100.0	104.6	
23 Iodomethane	142	1.666	1.666	0.000	98	105440	20.0	23.5	
25 Carbon disulfide	76	1.701	1.701	0.000	99	170155	20.0	19.9	
24 Isopropyl alcohol	45	1.701	1.701	0.000	27	16567	200.0	231.6	
26 Acetonitrile	38	1.780	1.780	0.000	79	17272	200.0	233.0	
27 3-Chloro-1-propene	76	1.780	1.780	0.000	92	34914	20.0	19.5	
28 Methyl acetate	43	1.803	1.803	0.000	97	28913	40.0	41.1	
29 Cyclopentene	67	1.838	1.838	0.000	98	109077	20.0	18.2	
30 Methylene Chloride	84	1.860	1.860	0.000	85	64258	20.0	20.0	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	117570	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	30079	200.0	214.0	
33 Acrylonitrile	53	1.997	1.997	0.000	94	116736	200.0	184.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	89	57051	20.0	19.6	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	95	139463	20.0	19.9	
36 Hexane	57	2.214	2.214	0.000	90	41913	20.0	21.8	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	99	93053	20.0	19.1	
38 Vinyl acetate	86	2.340	2.340	0.000	99	19497	40.0	139.8	
39 Isopropyl ether	45	2.351	2.351	0.000	91	139244	20.0	18.8	
40 2-Chloro-1,3-butadiene	88	2.363	2.363	0.000	87	52976	20.0	19.5	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	158316	20.0	19.9	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	124673	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	90	20449	20.0	25.3	
45 cis-1,2-Dichloroethene	96	2.705	2.705	0.000	98	63969	20.0	19.8	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	21480	100.0	119.5	
42 Propionitrile	54	2.751	2.751	0.000	95	46412	200.0	245.8	
47 Ethyl acetate	70	2.785	2.785	0.000	99	7985	40.0	46.1	
48 Methyl acrylate	55	2.808	2.808	0.000	96	33644	20.0	19.1	
50 Methacrylonitrile	67	2.865	2.865	0.000	87	144676	200.0	189.9	
49 Chlorobromomethane	128	2.876	2.876	0.000	77	35474	20.0	20.8	
51 Tetrahydrofuran	42	2.922	2.922	0.000	89	15222	40.0	41.8	
52 Chloroform	83	2.945	2.945	0.000	99	96462	20.0	19.4	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	128994	50.0	46.4	
54 1,1,1-Trichloroethane	97	3.093	3.093	0.000	98	89533	20.0	19.2	
55 Cyclohexane	84	3.139	3.139	0.000	84	70541	20.0	20.5	
56 Carbon tetrachloride	117	3.230	3.230	0.000	97	73688	20.0	19.0	
57 1,1-Dichloropropene	75	3.230	3.230	0.000	96	77291	20.0	20.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	127072	50.0	45.9	
61 Isobutyl alcohol	43	3.379	3.379	0.000	96	26692	500.0	556.6	
59 Benzene	78	3.402	3.402	0.000	95	228887	20.0	21.0	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	70299	20.0	19.2	
62 Isooctane	57	3.504	3.504	0.000	97	88175	20.0	21.7	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	16154	20.0	20.5	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	160661	20.0	20.0	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	548353	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	82	29737	20.0	22.6	
67 Trichloroethene	95	4.018	4.018	0.000	96	63160	20.0	18.8	
68 n-Butanol	56	4.041	4.041	0.000	93	15384	500.0	429.9	
69 Ethyl acrylate	55	4.189	4.189	0.000	98	90616	20.0	20.1	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	61401	20.0	21.0	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	92	55432	20.0	20.1	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	27697	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	95	34945	20.0	19.7	
74 1,4-Dioxane	88	4.395	4.395	0.000	90	15498	400.0	520.1	
75 Methyl methacrylate	100	4.406	4.406	0.000	80	30662	40.0	43.7	
76 n-Propyl acetate	43	4.486	4.486	0.000	96	52080	20.0	21.3	
77 Dichlorobromomethane	83	4.521	4.521	0.000	97	70228	20.0	18.9	
78 2-Nitropropane	41	4.783	4.783	0.000	98	14944	40.0	28.1	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	92	32244	20.0	18.3	
80 Epichlorohydrin	57	4.943	4.943	0.000	99	82317	400.0	534.9	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	90900	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	185868	100.0	128.5	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	554636	50.0	51.3	
84 Toluene	91	5.422	5.422	0.000	93	267871	20.0	21.5	
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	96	83587	20.0	22.3	

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	5.913	5.913	0.000	86	69551	20.0	22.0	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	44587	20.0	21.9	
88 Tetrachloroethene	166	6.096	6.096	0.000	95	61228	20.0	21.2	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	92243	20.0	22.2	
90 2-Hexanone	43	6.324	6.324	0.000	93	128166	100.0	125.1	
91 Chlorodibromomethane	129	6.427	6.427	0.000	96	56060	20.0	20.5	
93 Ethylene Dibromide	107	6.541	6.541	0.000	97	60380	20.0	22.6	
92 n-Butyl acetate	43	6.564	6.564	0.000	96	56675	20.0	19.5	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	429894	50.0	50.0	
95 Chlorobenzene	112	7.261	7.261	0.000	98	183513	20.0	20.3	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	96	56580	20.0	19.7	
97 Ethylbenzene	106	7.466	7.466	0.000	97	92721	20.0	22.3	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	109830	20.0	21.1	
99 o-Xylene	106	8.220	8.220	0.000	94	112565	20.0	21.4	
100 Styrene	104	8.254	8.254	0.000	96	182311	20.0	21.0	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	36408	20.0	19.9	
102 Bromoform	173	8.471	8.471	0.000	96	33328	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	66897	20.0	20.1	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	237852	20.0	21.6	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	172067	50.0	51.7	
106 Bromobenzene	156	9.201	9.201	0.000	93	78287	20.0	22.6	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	96	66883	20.0	24.5	
108 1,2,3-Trichloropropane	75	9.338	9.338	0.000	97	50738	20.0	21.1	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	90	21864	20.0	21.7	
110 N-Propylbenzene	91	9.475	9.475	0.000	99	237681	20.0	23.1	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	177225	20.0	20.2	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	211294	20.0	21.2	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	153280	20.0	21.0	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	185610	20.0	22.0	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	65025	20.0	21.0	
116 tert-Butylbenzene	119	10.297	10.297	0.000	95	137745	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	191085	20.0	21.9	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	174861	20.0	20.6	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	97	126206	20.0	22.0	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	230565	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	129649	20.0	21.0	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	153719	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	208937	20.0	21.5	
124 Benzyl chloride	126	11.177	11.177	0.000	99	23766	20.0	27.3	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	219812	20.0	20.8	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	97	127420	20.0	22.1	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	85685	20.0	22.2	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	74180	20.0	24.4	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	94	13838	20.0	20.7	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	172057	20.0	22.2	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	98	66309	20.0	22.9	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	93	63319	20.0	24.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	95	19149	20.0	20.9	
134 Naphthalene	128	12.946	12.946	0.000	99	205801	20.0	27.6	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	97	57798	20.0	23.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 138 Xylenes, Total	100				0		40.0	42.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	107.2	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00497	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00231	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Oct-2022 23:31:21 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82696.d

Injection Date: 13-Oct-2022 22:37:30 Instrument ID: CVOAMS12 Operator ID:

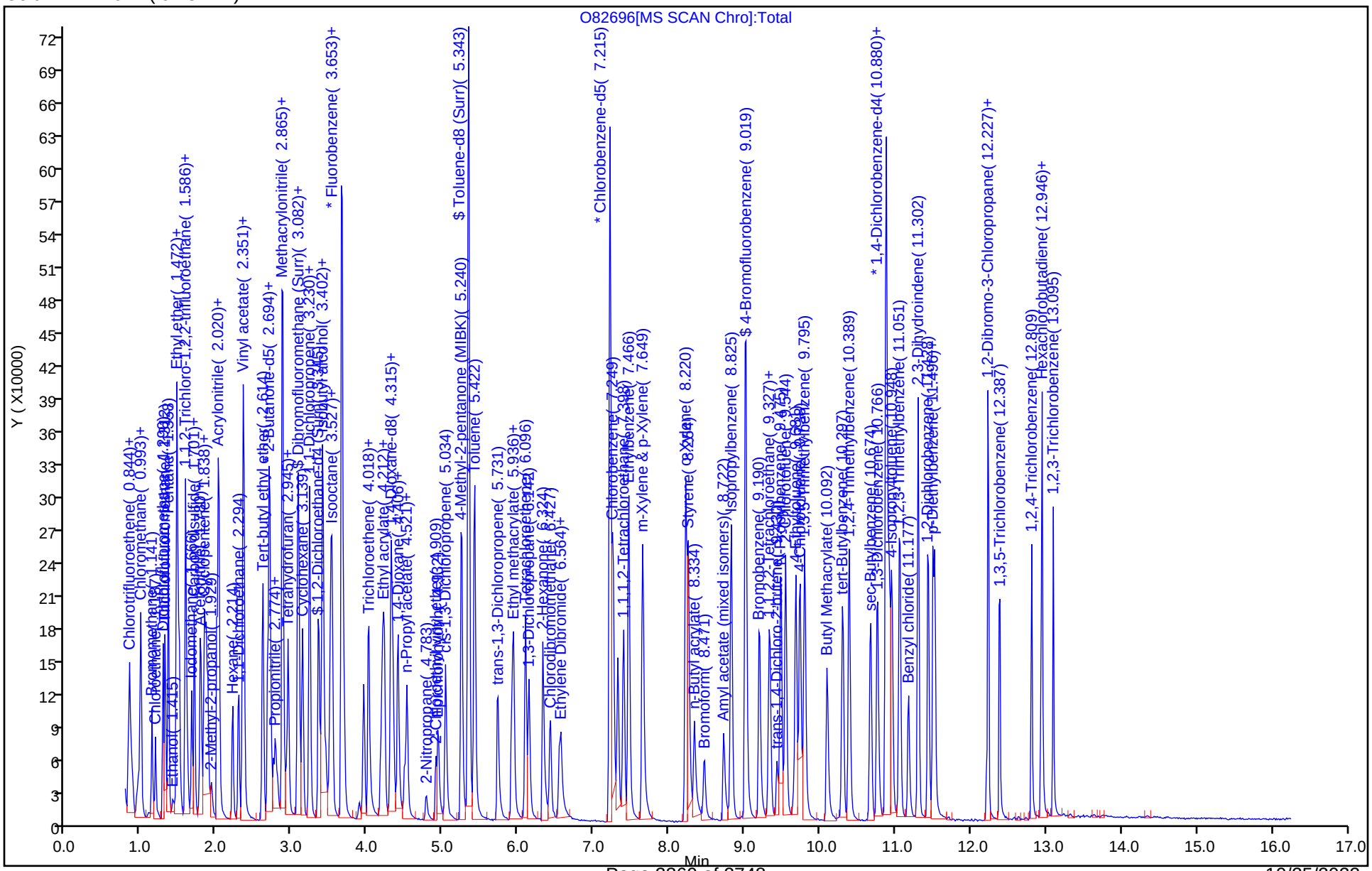
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82696.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Oct-2022 22:37:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151704-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Oct-2022 23:31:20 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: HVW2 Date: 13-Oct-2022 23:31:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	46.4	92.89
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.74
$ 83 Toluene-d8 (Surr)	50.0	51.3	102.63
$ 105 4-Bromofluorobenzene	50.0	51.7	103.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872160/4

Matrix: Water | Lab File ID: V26546.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 19:15

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.20
75-34-3	1,1-Dichloroethane	21.1		1.0	0.26
75-35-4	1,1-Dichloroethene	22.1		1.0	0.26
107-06-2	1,2-Dichloroethane	22.0		1.0	0.43
78-87-5	1,2-Dichloropropane	19.4		1.0	0.35
75-27-4	Bromodichloromethane	21.2		1.0	0.34
56-23-5	Carbon tetrachloride	23.5		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	17.4		1.0	0.32
67-66-3	Chloroform	21.6		1.0	0.33
74-87-3	Chloromethane	14.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.22
124-48-1	Dibromochloromethane	20.3		1.0	0.28
75-09-2	Methylene Chloride	21.4		1.0	0.32
127-18-4	Tetrachloroethene	22.6		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.22
79-01-6	Trichloroethene	21.6		1.0	0.31
75-01-4	Vinyl chloride	16.6		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26546.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 15-Oct-2022 19:15:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151790-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:13:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 16-Oct-2022 16:21:37

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.183	1.183	0.000	73	4622	20.0	11.7	
3	Chlorotrifluoroethene	116	1.263	1.263	0.000	87	18606	20.0	15.6	
4	1,1-Difluoroethane	65	1.275	1.275	0.000	85	50130	20.0	17.2	
5	Dichlorodifluoromethane	85	1.286	1.286	0.000	99	100548	20.0	18.6	
2	Chlorodifluoromethane	67	1.309	1.309	0.000	99	21827	20.0	22.2	
6	Chloromethane	50	1.435	1.423	0.012	99	128307	20.0	14.8	
7	Vinyl chloride	62	1.480	1.480	0.000	98	101380	20.0	16.6	M
8	Butadiene	54	1.492	1.492	0.000	91	118205	20.0	16.2	
9	Bromomethane	94	1.698	1.697	0.001	96	30811	20.0	14.6	
10	Chloroethane	64	1.755	1.755	0.000	99	67479	20.0	17.4	
11	Dichlorofluoromethane	67	1.880	1.880	0.000	99	187595	20.0	20.2	
12	Trichlorofluoromethane	101	1.892	1.892	0.000	97	129764	20.0	21.4	
13	Pentane	72	1.926	1.926	0.000	97	42633	40.0	40.1	
17	Ethanol	46	2.029	2.029	0.000	97	18732	800.0	977.8	
14	Ethyl ether	74	2.063	2.063	0.000	93	67883	20.0	20.6	
15	2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	96	128219	20.0	19.9	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	97	71393	20.0	21.3	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.132	0.011	97	134564	20.0	21.3	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.201	2.200	0.001	95	86877	20.0	23.0	
52	Acrolein	56	2.201	2.200	0.001	96	29614	40.0	29.8	
20	1,1-Dichloroethene	96	2.235	2.235	0.000	93	83959	20.0	22.1	
23	Acetone	43	2.292	2.292	0.000	84	208226	100.0	147.4	
24	Isopropyl alcohol	45	2.361	2.360	0.001	98	61242	200.0	227.6	
21	Iodomethane	142	2.361	2.360	0.001	99	36134	20.0	12.2	
22	Carbon disulfide	76	2.395	2.395	0.000	100	319953	20.0	21.5	
26	3-Chloro-1-propene	76	2.486	2.475	0.011	88	68229	20.0	19.6	
30	Methyl acetate	43	2.486	2.486	0.000	96	247754	40.0	40.5	
25	Cyclopentene	67	2.498	2.498	0.000	94	299125	20.0	20.3	
27	Acetonitrile	41	2.532	2.532	0.000	96	118845	200.0	194.2	a
* 28	TBA-d9 (IS)	66	2.555	2.555	0.000	98	30344	1000.0	1000.0	
29	Methylene Chloride	84	2.589	2.589	0.000	95	96365	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 2-Methyl-2-propanol	59	2.612	2.612	0.000	98	98856	200.0	209.1	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	328218	20.0	21.3	
33 trans-1,2-Dichloroethene	96	2.738	2.738	0.000	96	96434	20.0	21.9	
35 Acrylonitrile	53	2.795	2.795	0.000	94	575683	200.0	211.3	
36 Hexane	57	2.863	2.863	0.000	94	181738	20.0	20.3	
37 Isopropyl ether	45	3.023	3.023	0.000	97	467970	20.0	19.5	
38 1,1-Dichloroethane	63	3.069	3.069	0.000	59	223582	20.0	21.1	
40 Vinyl acetate	86	3.081	3.080	0.001	100	46215	40.0	51.9	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	93	90601	20.0	22.0	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	87	378744	20.0	20.7	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	96	357301	250.0	250.0	
43 2,2-Dichloropropane	97	3.504	3.503	0.001	94	35471	20.0	23.9	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	86	100492	20.0	21.9	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	67027	100.0	112.6	
47 Ethyl acetate	70	3.538	3.538	0.000	95	26696	40.0	46.9	
46 Methyl acrylate	55	3.595	3.595	0.000	98	114225	20.0	20.2	
48 Propionitrile	54	3.652	3.652	0.000	97	194250	200.0	195.3	
50 Tetrahydrofuran	72	3.744	3.743	0.001	67	30903	40.0	38.5	
49 Chlorobromomethane	128	3.744	3.743	0.001	90	42256	20.0	24.8	
54 Methacrylonitrile	67	3.755	3.743	0.012	98	534664	200.0	206.9	
51 Chloroform	83	3.789	3.789	0.000	96	174826	20.0	21.6	
53 Cyclohexane	84	3.915	3.903	0.012	99	155925	20.0	20.8	
55 1,1,1-Trichloroethane	97	3.915	3.915	0.000	96	150683	20.0	22.3	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	120707	50.0	54.1	
57 Carbon tetrachloride	117	4.041	4.041	0.000	97	125713	20.0	23.5	
58 1,1-Dichloropropene	75	4.064	4.063	0.001	91	156534	20.0	21.7	
61 Isobutyl alcohol	43	4.189	4.189	0.000	95	199620	500.0	449.1	
64 Isooctane	57	4.212	4.212	0.000	99	334099	20.0	18.5	
59 Benzene	78	4.246	4.246	0.000	98	432400	20.0	19.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	96	171317	50.0	47.7	
66 Isopropyl acetate	87	4.304	4.303	0.001	96	94516	20.0	21.7	
62 Tert-amyl methyl ether	73	4.304	4.303	0.001	92	336045	20.0	21.0	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	96	157483	20.0	22.0	
65 n-Heptane	57	4.395	4.395	0.000	97	76757	20.0	19.0	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	478520	50.0	50.0	
70 n-Butanol	56	4.875	4.875	0.000	93	37707	500.0	427.3	
69 Trichloroethene	95	4.887	4.886	0.000	94	96670	20.0	21.6	
71 Ethyl acrylate	99	5.001	5.001	0.000	94	14039	20.0	21.0	
72 Methylcyclohexane	83	5.001	5.001	0.000	78	160847	20.0	20.5	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	86	120049	20.0	19.4	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	46	15766	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	52450	40.0	43.2	
78 1,4-Dioxane	88	5.298	5.298	0.000	44	16699	400.0	435.1	
77 n-Propyl acetate	43	5.309	5.309	0.000	97	226958	20.0	19.4	
75 Dibromomethane	93	5.309	5.309	0.000	48	55122	20.0	20.2	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	128553	20.0	21.2	
34 2-Nitropropane	41	5.812	5.812	0.000	97	84558	40.0	38.3	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	92	74758	20.0	20.4	
80 Epichlorohydrin	57	5.938	5.938	0.000	99	280384	400.0	517.4	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	98	180209	20.0	20.6	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.155	0.000	98	737412	100.0	118.9	
$ 82 Toluene-d8 (Surr)	98	6.247	6.247	0.000	97	549779	50.0	46.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.327	6.327	0.000	93	407262	20.0	19.5	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	163074	20.0	20.4	
86 Ethyl methacrylate	69	6.761	6.761	0.000	95	130621	20.0	19.9	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.000	93	73801	20.0	19.4	
88 Tetrachloroethene	166	7.012	7.001	0.011	93	83088	20.0	22.6	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	96	164858	20.0	20.0	
91 2-Hexanone	43	7.264	7.264	0.000	99	465250	100.0	113.6	
92 n-Butyl acetate	43	7.412	7.412	0.000	97	231832	20.0	17.7	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	76906	20.0	20.3	
93 Ethylene Dibromide	107	7.618	7.618	0.000	99	80791	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	308320	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	89	229469	20.0	20.3	
97 Ethylbenzene	106	8.304	8.292	0.012	99	129704	20.0	20.6	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	92	75893	20.0	21.1	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	161682	20.0	21.2	
100 o-Xylene	106	8.875	8.875	0.000	91	152772	20.0	20.9	
99 n-Butyl acrylate	73	8.875	8.875	0.000	95	71162	20.0	17.9	
101 Styrene	104	8.910	8.910	0.000	91	245244	20.0	21.2	
102 Amyl acetate (mixed isomers)	43	9.116	9.115	0.001	87	252924	20.0	18.5	
103 Bromoform	173	9.127	9.127	0.000	92	52416	20.0	22.5	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	396761	20.0	21.4	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	125341	50.0	53.6	
107 Bromobenzene	156	9.573	9.573	0.000	92	84842	20.0	21.9	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	97	114471	20.0	19.3	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	497613	20.0	21.2	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	31382	20.0	20.0	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	89	38521	20.0	16.5	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	334799	20.0	20.9	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	383839	20.0	20.9	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	91	319024	20.0	21.1	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	320670	20.0	21.4	
117 Butyl Methacrylate	87	9.916	9.915	0.001	93	101264	20.0	17.7	
118 tert-Butylbenzene	119	10.087	10.087	0.000	91	264797	20.0	21.0	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	326176	20.0	21.3	
120 sec-Butylbenzene	105	10.270	10.270	0.000	98	382408	20.0	21.4	
121 4-Isopropyltoluene	119	10.396	10.396	0.000	97	314184	20.0	22.1	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	92	157802	20.0	22.0	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	138526	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	88	162256	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	99	323521	20.0	21.0	
125 Benzyl chloride	91	10.613	10.613	0.000	97	222424	20.0	20.2	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	297988	20.0	20.9	
126 p-Diethylbenzene	119	10.716	10.716	0.000	91	159250	20.0	21.4	
127 n-Butylbenzene	92	10.739	10.738	0.001	98	157418	20.0	19.4	
128 1,2-Dichlorobenzene	146	10.796	10.796	0.000	93	152335	20.0	22.1	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	235630	20.0	19.4	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	86	18379	20.0	18.7	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	95	94886	20.0	21.5	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	93	87048	20.0	21.2	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	92	34842	20.0	21.1	
134 Naphthalene	128	12.179	12.179	0.000	98	225344	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	93	77074	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	43.8	
S 137 Xylenes, Total	100				0		40.0	42.2	
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.9	
S 139 Total BTEX	1				0		100.0	101.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL		
GASES Li_00498	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00160	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 19-Oct-2022 13:13:49 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26546.D

Injection Date: 15-Oct-2022 19:15:30 Instrument ID: CVOAMS7

Lims ID: LCS

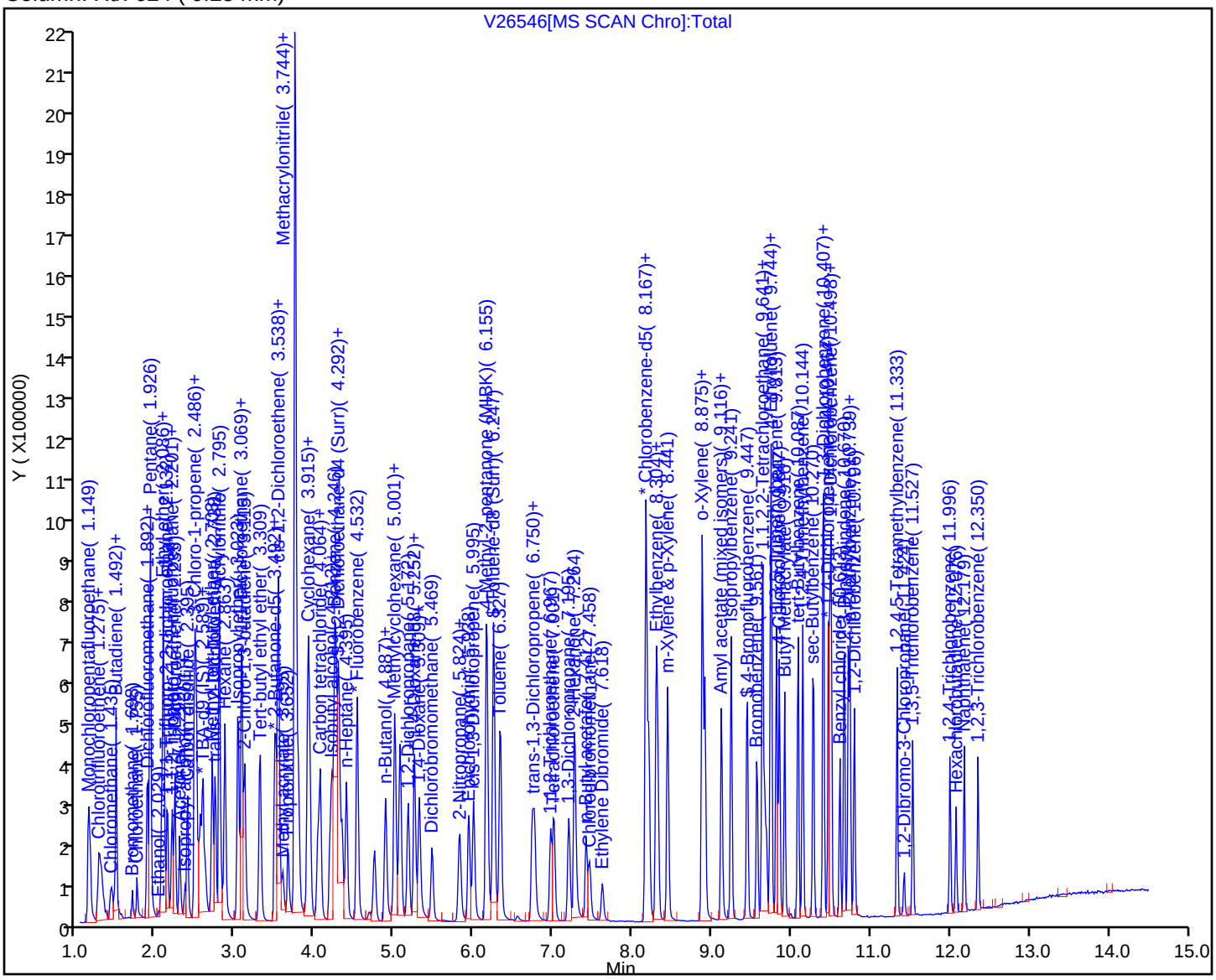
Client ID:

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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26546.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 15-Oct-2022 19:15:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151790-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:13:31 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 16-Oct-2022 16:21:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	54.1	108.16
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.7	95.42
$ 82 Toluene-d8 (Surr)	50.0	46.9	93.88
$ 105 4-Bromofluorobenzene	50.0	53.6	107.14

Manual Integration/User Assign Peak Report

Eurofins Edison

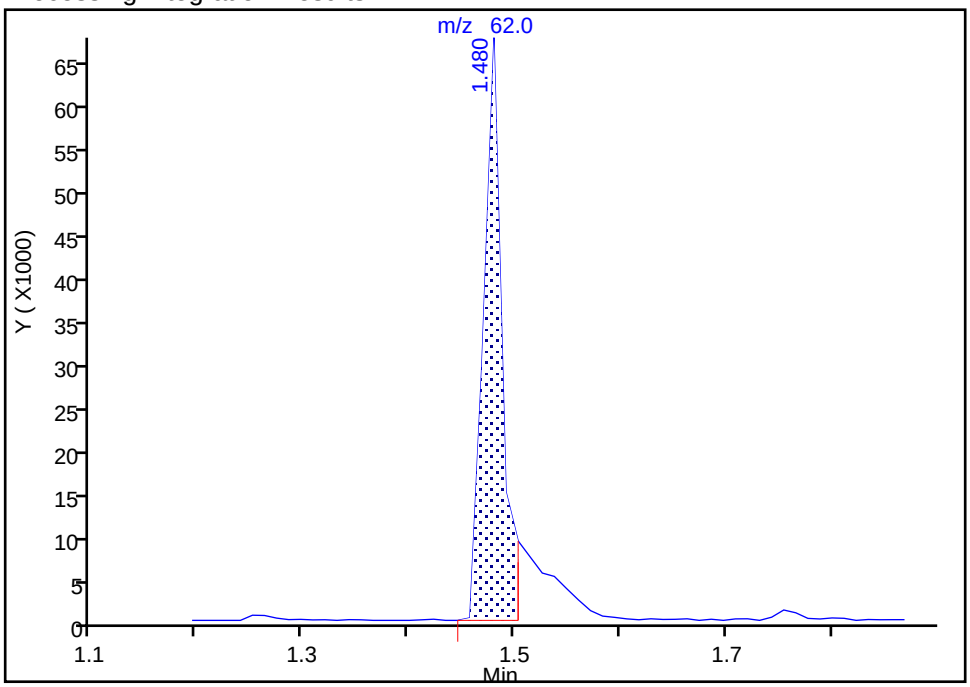
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221015-151790.b\V26546.D
Injection Date: 15-Oct-2022 19:15:30 Instrument ID: CVOAMS7
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

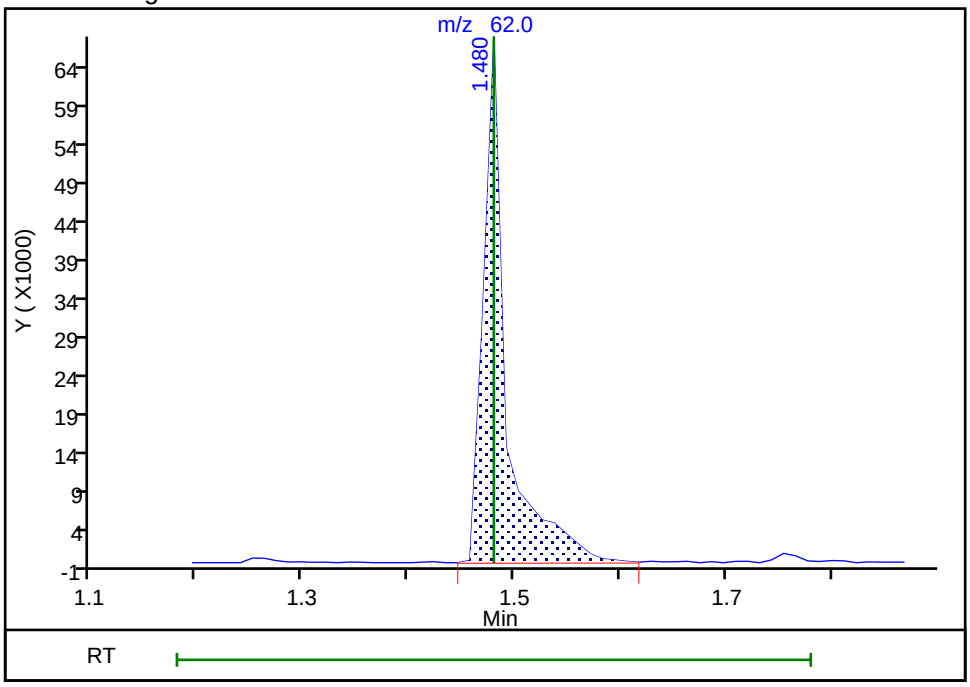
Processing Integration Results

RT: 1.48
Area: 82932
Amount: 13.581484
Amount Units: ug/l



Manual Integration Results

RT: 1.48
Area: 101380
Amount: 16.602649
Amount Units: ug/l



Reviewer: HVW2, 16-Oct-2022 16:13:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872260/4

Matrix: Water | Lab File ID: V26576.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/16/2022 17:25

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872260 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.20
75-34-3	1,1-Dichloroethane	20.3		1.0	0.26
75-35-4	1,1-Dichloroethene	21.6		1.0	0.26
107-06-2	1,2-Dichloroethane	21.1		1.0	0.43
78-87-5	1,2-Dichloropropane	18.6		1.0	0.35
75-27-4	Bromodichloromethane	20.3		1.0	0.34
56-23-5	Carbon tetrachloride	22.4		1.0	0.21
108-90-7	Chlorobenzene	20.5		1.0	0.38
75-00-3	Chloroethane	16.8		1.0	0.32
67-66-3	Chloroform	20.9		1.0	0.33
74-87-3	Chloromethane	14.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.22
124-48-1	Dibromochloromethane	20.9		1.0	0.28
75-09-2	Methylene Chloride	21.0		1.0	0.32
127-18-4	Tetrachloroethene	23.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.22
79-01-6	Trichloroethene	21.6		1.0	0.31
75-01-4	Vinyl chloride	15.8		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26576.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Oct-2022 17:25:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151813-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:26:59 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 16-Oct-2022 23:57:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	72	5433	20.0	9.78	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	88	25815	20.0	15.4	
4 1,1-Difluoroethane	65	1.275	1.286	-0.011	85	65215	20.0	15.9	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	143632	20.0	18.9	
2 Chlorodifluoromethane	67	1.309	1.320	-0.011	98	27313	20.0	19.7	
6 Chloromethane	50	1.435	1.435	0.000	100	177163	20.0	14.5	
7 Vinyl chloride	62	1.480	1.480	0.000	99	135913	20.0	15.8	
8 Butadiene	54	1.492	1.503	-0.011	91	159409	20.0	15.5	
9 Bromomethane	94	1.698	1.697	0.001	97	42202	20.0	14.2	
10 Chloroethane	64	1.755	1.766	-0.011	99	91666	20.0	16.8	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	98	242584	20.0	18.6	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	97	172425	20.0	20.2	
13 Pentane	72	1.926	1.926	0.000	97	57199	40.0	38.2	
17 Ethanol	46	2.029	2.029	0.000	96	23953	800.0	972.3	
14 Ethyl ether	74	2.063	2.075	-0.012	94	94099	20.0	20.2	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	96	173051	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.097	0.001	96	97484	20.0	20.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	179014	20.0	20.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.201	2.200	0.000	94	127537	20.0	23.9	
52 Acrolein	56	2.201	2.212	-0.012	97	43252	40.0	30.9	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	92	115589	20.0	21.6	
23 Acetone	43	2.292	2.292	0.000	85	290431	100.0	155.2	
24 Isopropyl alcohol	45	2.361	2.360	0.001	97	79466	200.0	229.7	
21 Iodomethane	142	2.361	2.360	0.001	98	49829	20.0	11.9	
22 Carbon disulfide	76	2.395	2.395	0.000	100	427715	20.0	20.4	
30 Methyl acetate	43	2.486	2.486	0.000	97	335608	40.0	38.9	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	89	94785	20.0	19.4	
25 Cyclopentene	67	2.498	2.509	-0.011	94	408820	20.0	19.6	
27 Acetonitrile	41	2.532	2.532	0.000	96	191207	200.0	236.0	a
* 28 TBA-d9 (IS)	66	2.555	2.566	-0.011	97	39020	1000.0	1000.0	
29 Methylene Chloride	84	2.589	2.589	0.000	96	132809	20.0	21.0	

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	2.612	2.623	-0.011	97	131462	200.0	216.2	a
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	445580	20.0	20.5	
33 trans-1,2-Dichloroethene	96	2.738	2.749	-0.011	96	128408	20.0	20.6	
35 Acrylonitrile	53	2.795	2.795	0.000	93	778568	200.0	202.6	
36 Hexane	57	2.863	2.863	0.000	94	249746	20.0	19.7	
37 Isopropyl ether	45	3.023	3.035	-0.012	97	631070	20.0	18.6	
38 1,1-Dichloroethane	63	3.069	3.080	-0.011	60	302992	20.0	20.3	
40 Vinyl acetate	86	3.081	3.080	0.001	100	57813	40.0	49.1	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	95	125796	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	509430	20.0	19.8	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	96	472943	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	95	45314	20.0	21.6	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	45	136792	20.0	21.2	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	92132	100.0	116.9	
47 Ethyl acetate	70	3.538	3.538	0.000	93	35999	40.0	47.8	
46 Methyl acrylate	55	3.595	3.595	0.000	98	153171	20.0	19.2	
48 Propionitrile	54	3.652	3.663	-0.011	98	270496	200.0	192.9	
50 Tetrahydrofuran	72	3.744	3.743	0.001	71	44596	40.0	39.4	
49 Chlorobromomethane	128	3.744	3.743	0.001	92	56884	20.0	23.6	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	730159	200.0	200.4	
51 Chloroform	83	3.789	3.789	0.000	97	238958	20.0	20.9	
53 Cyclohexane	84	3.915	3.915	0.000	98	220665	20.0	20.9	
55 1,1,1-Trichloroethane	97	3.915	3.926	-0.011	95	208397	20.0	21.9	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	167166	50.0	53.1	
57 Carbon tetrachloride	117	4.041	4.041	0.001	97	169192	20.0	22.4	
58 1,1-Dichloropropene	75	4.064	4.063	0.001	90	214006	20.0	21.1	
61 Isobutyl alcohol	43	4.189	4.189	0.000	92	292285	500.0	511.8	
64 Isooctane	57	4.212	4.212	0.000	99	469083	20.0	18.4	
59 Benzene	78	4.246	4.246	0.000	97	586932	20.0	19.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	244223	50.0	48.2	
66 Isopropyl acetate	87	4.292	4.303	-0.011	95	122588	20.0	20.0	
62 Tert-amyl methyl ether	73	4.304	4.303	0.001	93	460449	20.0	20.4	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	96	213141	20.0	21.1	
65 n-Heptane	57	4.395	4.395	0.000	98	103397	20.0	18.1	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	674817	50.0	50.0	
70 n-Butanol	56	4.875	4.875	0.000	93	51951	500.0	457.8	
69 Trichloroethene	95	4.886	4.886	0.000	95	136636	20.0	21.6	
72 Methylcyclohexane	83	5.001	5.001	0.000	78	228841	20.0	20.7	
71 Ethyl acrylate	99	5.001	5.001	0.000	94	19242	20.0	20.4	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	86	162241	20.0	18.6	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	44	20054	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	73955	40.0	43.2	
78 1,4-Dioxane	88	5.298	5.298	0.000	25	20569	400.0	421.3	
77 n-Propyl acetate	43	5.309	5.309	0.000	97	302944	20.0	18.4	
75 Dibromomethane	93	5.309	5.321	-0.012	43	78919	20.0	20.6	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	173994	20.0	20.3	
34 2-Nitropropane	41	5.812	5.812	0.000	98	115674	40.0	37.2	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	94	99370	20.0	19.3	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	381076	400.0	531.3	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	98	246316	20.0	20.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.166	-0.011	98	993681	100.0	121.0	
$ 82 Toluene-d8 (Surr)	98	6.247	6.246	0.001	97	786701	50.0	48.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.338	6.338	0.000	93	556844	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	223432	20.0	20.3	
86 Ethyl methacrylate	69	6.761	6.761	0.000	94	176150	20.0	19.6	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.001	92	101894	20.0	19.5	
88 Tetrachloroethene	166	7.012	7.012	0.000	93	116167	20.0	23.0	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	96	229162	20.0	20.3	
91 2-Hexanone	43	7.264	7.275	-0.011	98	643297	100.0	118.6	
92 n-Butyl acetate	43	7.412	7.412	0.000	97	316052	20.0	17.6	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	108413	20.0	20.9	
93 Ethylene Dibromide	107	7.618	7.618	0.000	100	110456	20.0	21.3	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	94	423089	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	88	318553	20.0	20.5	
97 Ethylbenzene	106	8.304	8.304	0.000	99	179462	20.0	20.8	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	91	108375	20.0	21.9	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	98	220737	20.0	21.1	
100 o-Xylene	106	8.875	8.875	0.000	92	214200	20.0	21.4	
99 n-Butyl acrylate	73	8.875	8.887	-0.012	94	98561	20.0	18.0	
101 Styrene	104	8.910	8.910	0.000	91	338445	20.0	21.4	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	88	333471	20.0	17.7	
103 Bromoform	173	9.127	9.127	0.000	92	70953	20.0	22.2	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	535951	20.0	21.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	176519	50.0	55.0	
107 Bromobenzene	156	9.573	9.572	0.001	92	118316	20.0	22.2	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	157581	20.0	19.3	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	666622	20.0	20.6	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	96	44143	20.0	20.4	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	87	57414	20.0	17.9	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	458528	20.0	20.8	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	532049	20.0	21.0	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.001	92	427972	20.0	20.5	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	427829	20.0	20.7	
117 Butyl Methacrylate	87	9.916	9.915	0.001	93	134031	20.0	17.1	
118 tert-Butylbenzene	119	10.087	10.087	0.000	91	366243	20.0	21.1	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	444314	20.0	21.1	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	524390	20.0	21.3	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	90	219146	20.0	22.2	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	97	436781	20.0	22.3	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	190932	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	89	226369	20.0	21.9	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	99	444776	20.0	21.0	
125 Benzyl chloride	91	10.613	10.613	0.000	97	296301	20.0	19.5	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	414858	20.0	21.1	
126 p-Diethylbenzene	119	10.716	10.715	0.001	91	213339	20.0	20.8	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	215988	20.0	19.3	
128 1,2-Dichlorobenzene	146	10.796	10.795	0.001	92	201857	20.0	21.2	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	324742	20.0	19.4	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	86	26362	20.0	19.5	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	94	132274	20.0	21.7	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	94	117886	20.0	20.8	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	92	48981	20.0	21.5	
134 Naphthalene	128	12.179	12.178	0.001	99	303635	20.0	19.3	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	95	110229	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 137 Xylenes, Total	100				0		40.0	42.5	
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.8	
S 139 Total BTEX	1				0		100.0	101.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2022 15:27:32 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26576.D

Injection Date: 16-Oct-2022 17:25:30 Instrument ID: CVOAMS7

Lims ID: LCS

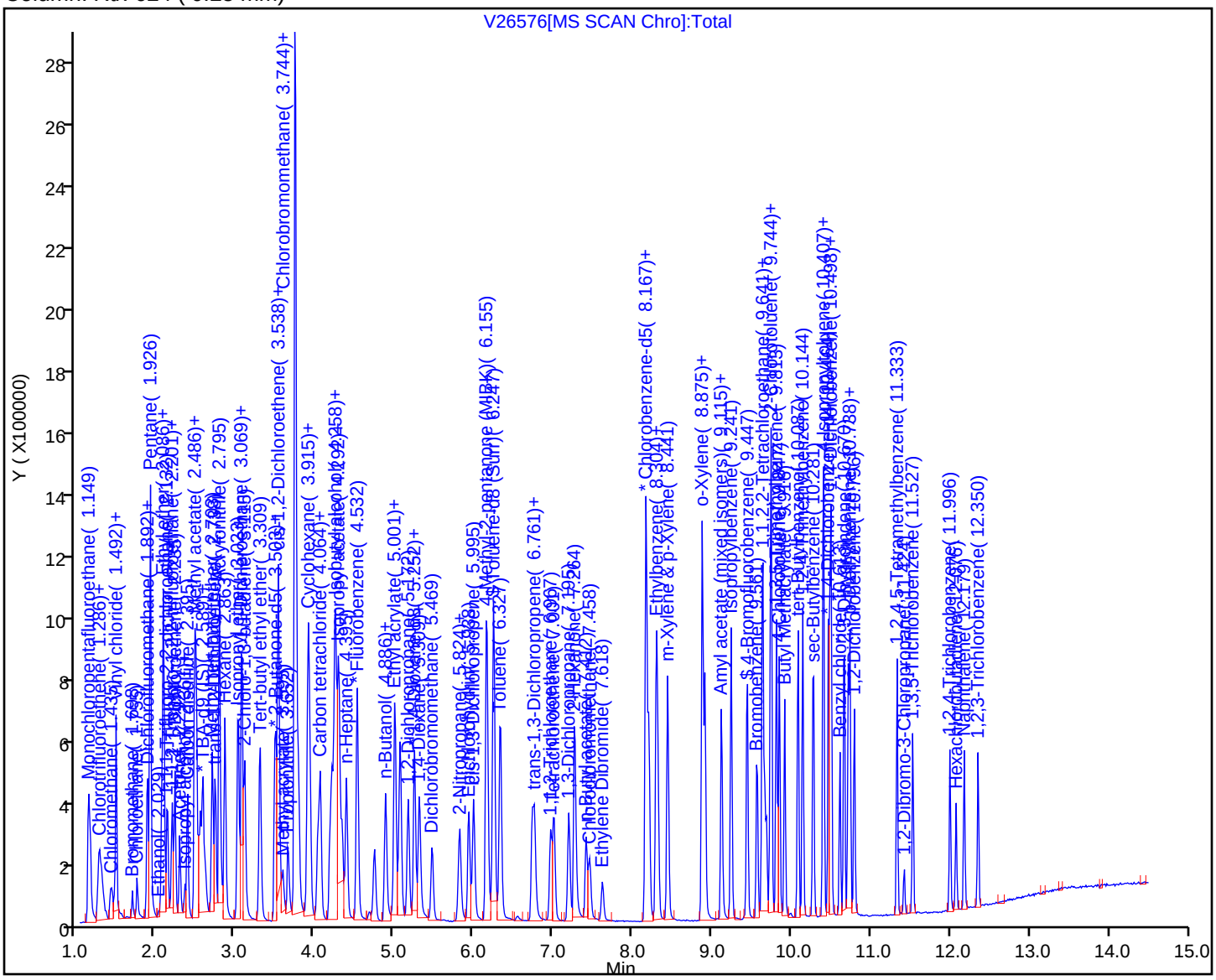
Client ID:

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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26576.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Oct-2022 17:25:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151813-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:26:59 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 16-Oct-2022 23:57:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.1	106.22
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.2	96.46
$ 82 Toluene-d8 (Surr)	50.0	48.9	97.90
$ 105 4-Bromofluorobenzene	50.0	55.0	109.96

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872315/18

Matrix: Solid | Lab File ID: D99218.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 12:11

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0244		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0188		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0205		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0217		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0253		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0194		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0218		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0201		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0251		0.0010	0.00039
108-90-7	Chlorobenzene	0.0222		0.0010	0.00018
75-00-3	Chloroethane	0.0229		0.0010	0.00052
67-66-3	Chloroform	0.0212		0.0010	0.00097
74-87-3	Chloromethane	0.0219		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0216		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0206		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0206		0.0010	0.00019
75-09-2	Methylene Chloride	0.0213		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0255		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0229		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0200		0.0010	0.00027
79-01-6	Trichloroethene	0.0240		0.0010	0.00032
75-01-4	Vinyl chloride	0.0273		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	99		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99218.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 12:11:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151823-018
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:25:50 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:41:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	84	40463	20.0	12.8	
3 1,1-Difluoroethane	65	1.260	1.254	0.006	96	68135	20.0	22.5	
4 Dichlorodifluoromethane	85	1.278	1.272	0.006	99	193310	20.0	24.0	
5 Chlorodifluoromethane	51	1.303	1.297	0.006	98	158679	20.0	23.1	
6 Chloromethane	50	1.449	1.449	0.000	99	138004	20.0	21.9	
8 Vinyl chloride	62	1.540	1.541	-0.001	98	184405	20.0	27.3	
7 Butadiene	54	1.565	1.565	0.000	95	157582	20.0	23.7	
9 Bromomethane	94	1.839	1.833	0.006	99	104513	20.0	21.3	
10 Chloroethane	64	1.931	1.931	0.000	99	72928	20.0	22.9	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	99	186745	20.0	25.2	
11 Dichlorofluoromethane	67	2.132	2.126	0.006	99	177815	20.0	22.1	
12 Pentane	72	2.181	2.175	0.006	96	53100	40.0	60.4	
15 Ethanol	46	2.382	2.376	0.006	91	7289	800.0	858.4	
14 Ethyl ether	59	2.400	2.394	0.006	94	47099	20.0	19.2	
16 2-Methyl-1,3-butadiene	53	2.406	2.406	0.000	98	109254	20.0	27.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.455	0.006	84	102509	20.0	25.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.522	0.000	95	161079	20.0	25.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	98	127411	20.0	26.6	
19 Acrolein	56	2.577	2.577	0.000	95	78436	300.4	282.2	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	98	103554	20.0	25.3	
22 Acetone	43	2.717	2.717	0.000	87	46399	100.0	81.4	
23 Iodomethane	142	2.766	2.766	0.000	99	118670	20.0	18.1	
24 Carbon disulfide	76	2.796	2.790	0.006	99	350371	20.0	24.4	
25 Isopropyl alcohol	45	2.851	2.851	0.000	98	20040	200.0	187.0	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	89	57867	20.0	23.0	
28 Cyclopentene	67	2.985	2.979	0.006	94	273364	20.0	25.9	
27 Methyl acetate	43	2.998	2.991	0.007	98	51618	40.0	37.3	
29 Acetonitrile	40	3.046	3.046	0.000	99	21481	200.0	188.8	
30 Methylene Chloride	84	3.113	3.113	0.000	89	85394	20.0	21.3	
* 31 TBA-d9 (IS)	65	3.132	3.126	0.006	0	146158	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.211	3.211	0.000	98	34480	200.0	183.3	

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	3.296	3.296	0.000	96	148620	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.327	3.321	0.006	93	103071	20.0	22.9	
35 Acrylonitrile	53	3.412	3.412	0.000	94	124372	200.0	183.3	
36 Hexane	57	3.510	3.504	0.006	92	168043	20.0	28.5	
37 Isopropyl ether	45	3.760	3.760	0.000	97	195494	20.0	21.4	
38 1,1-Dichloroethane	63	3.784	3.778	0.006	99	153418	20.0	21.7	
39 Vinyl acetate	86	3.821	3.814	0.007	99	19965	40.0	37.0	
40 2-Chloro-1,3-butadiene	88	3.833	3.827	0.006	91	94888	20.0	25.0	
41 Tert-butyl ethyl ether	59	4.131	4.125	0.006	90	173563	20.0	20.9	
43 2,2-Dichloropropane	79	4.351	4.345	0.006	94	45720	20.0	22.6	
* 42 2-Butanone-d5	46	4.357	4.351	0.006	96	145203	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.394	4.388	0.006	95	94922	20.0	21.6	
45 2-Butanone (MEK)	72	4.424	4.418	0.006	99	19101	100.0	85.2	
46 Ethyl acetate	70	4.442	4.436	0.006	97	8593	40.0	40.7	
47 Methyl acrylate	55	4.497	4.491	0.006	100	30260	20.0	18.7	
48 Propionitrile	54	4.570	4.570	0.000	98	43405	200.0	190.8	
49 Chlorobromomethane	128	4.656	4.650	0.006	84	38008	20.0	20.5	
50 Tetrahydrofuran	72	4.656	4.650	0.006	87	9075	40.0	43.8	
51 Methacrylonitrile	67	4.686	4.686	0.000	91	157867	200.0	182.6	
52 Chloroform	83	4.735	4.729	0.006	99	143864	20.0	21.2	
53 Cyclohexane	84	4.851	4.845	0.006	89	161351	20.0	26.8	
54 1,1,1-Trichloroethane	97	4.875	4.869	0.006	98	152379	20.0	24.4	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.912	0.006	97	166291	50.0	49.7	
56 Carbon tetrachloride	117	5.015	5.009	0.006	97	142637	20.0	25.1	
57 1,1-Dichloropropene	75	5.064	5.058	0.006	97	131099	20.0	24.7	
58 Isobutyl alcohol	43	5.271	5.272	-0.001	84	97235	500.0	589.8	
59 Benzene	78	5.290	5.284	0.006	96	329840	20.0	23.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	98	133293	50.0	46.7	
61 Tert-amyl methyl ether	87	5.393	5.387	0.006	94	44027	20.0	19.5	
63 1,2-Dichloroethane	62	5.412	5.406	0.006	97	74772	20.0	19.4	
62 Isopropyl acetate	61	5.406	5.406	0.000	99	22672	20.0	19.1	
64 n-Heptane	43	5.509	5.503	0.006	89	151874	20.0	28.9	
* 65 Fluorobenzene	96	5.643	5.643	0.000	99	477038	50.0	50.0	
67 Trichloroethene	95	6.076	6.070	0.006	97	93981	20.0	24.0	
66 n-Butanol	56	6.107	6.101	0.006	83	11203	500.0	320.1	
68 Methylcyclohexane	83	6.204	6.204	0.000	94	184030	20.0	28.5	
69 Ethyl acrylate	55	6.253	6.253	0.000	99	33498	20.0	19.8	
70 1,2-Dichloropropane	63	6.418	6.412	0.006	91	67790	20.0	21.8	
* 71 1,4-Dioxane-d8	96	6.503	6.497	0.006	0	15669	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.546	0.006	84	21936	40.0	40.1	
73 1,4-Dioxane	88	6.570	6.564	0.006	37	8312	400.0	300.8	
74 Dibromomethane	93	6.576	6.570	0.006	92	34971	20.0	19.1	
75 n-Propyl acetate	43	6.631	6.625	0.006	98	42444	20.0	19.2	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	87439	20.0	20.1	
77 2-Nitropropane	41	7.137	7.137	0.000	99	17097	40.0	36.3	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	23096	20.0	19.7	
79 Epichlorohydrin	57	7.259	7.253	0.006	90	3008	20.0	19.1	a
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	92	94124	20.0	20.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.466	0.006	96	132282	100.0	92.0	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	98	537094	50.0	51.5	
83 Toluene	91	7.600	7.600	0.000	92	329334	20.0	23.0	
84 trans-1,3-Dichloropropene	75	7.929	7.923	0.006	94	75756	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	46906	20.0	18.1	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	95	38562	20.0	20.5	
87 Tetrachloroethene	166	8.125	8.125	0.000	98	103955	20.0	25.5	
88 1,3-Dichloropropane	76	8.265	8.259	0.006	92	71008	20.0	21.0	
89 2-Hexanone	43	8.320	8.314	0.006	94	83827	100.0	90.1	
90 n-Butyl acetate	73	8.417	8.411	0.006	98	8838	20.0	19.2	
91 Chlorodibromomethane	129	8.442	8.442	0.000	97	57151	20.0	20.6	
92 Ethylene Dibromide	107	8.551	8.545	0.006	98	43437	20.0	20.8	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	86	362804	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	97	190689	20.0	22.2	
95 Ethylbenzene	106	9.027	9.027	0.000	98	113210	20.0	22.5	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.039	0.006	96	63977	20.0	21.0	
97 m-Xylene & p-Xylene	106	9.130	9.131	-0.001	0	137457	20.0	23.2	
98 n-Butyl acrylate	73	9.447	9.448	-0.001	97	30573	20.0	19.4	
99 o-Xylene	106	9.466	9.460	0.006	94	122939	20.0	21.4	
100 Styrene	104	9.490	9.484	0.006	96	188700	20.0	20.5	
101 Amyl acetate (mixed isomers)	43	9.630	9.624	0.006	91	54358	20.0	19.2	
102 Bromoform	173	9.667	9.661	0.006	97	31551	20.0	18.7	
103 Isopropylbenzene	105	9.752	9.746	0.006	95	368664	20.0	24.6	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	163029	50.0	50.2	
105 Bromobenzene	156	10.021	10.021	0.000	92	76335	20.0	20.4	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	98	43839	20.0	18.8	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	434527	20.0	23.3	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	94	12617	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	85	8888	20.0	16.6	
110 4-Ethyltoluene	105	10.161	10.155	0.006	99	361966	20.0	22.2	
111 2-Chlorotoluene	91	10.161	10.161	0.000	95	256425	20.0	20.8	
112 1,3,5-Trimethylbenzene	105	10.210	10.210	0.000	93	287661	20.0	22.5	
113 4-Chlorotoluene	91	10.252	10.246	0.006	97	227235	20.0	21.0	
114 Butyl Methacrylate	87	10.277	10.277	0.000	88	65096	20.0	19.7	
115 tert-Butylbenzene	119	10.447	10.441	0.006	95	281929	20.0	24.4	
116 1,2,4-Trimethylbenzene	105	10.490	10.490	0.000	98	276946	20.0	21.7	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	437592	20.0	25.2	
118 4-Isopropyltoluene	119	10.716	10.709	0.007	98	351816	20.0	23.4	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	149545	20.0	20.0	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	94	201122	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.795	0.006	95	147220	20.0	19.6	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	265999	20.0	20.7	
123 Benzyl chloride	126	10.905	10.905	-0.001	99	15285	20.0	16.2	
124 2,3-Dihydroindene	117	10.959	10.953	0.006	94	271278	20.0	20.9	
125 p-Diethylbenzene	119	10.990	10.990	0.000	95	228852	20.0	26.7	
126 n-Butylbenzene	92	11.008	11.008	0.000	96	185788	20.0	23.4	
127 1,2-Dichlorobenzene	146	11.075	11.069	0.006	98	126970	20.0	20.3	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	259662	20.0	21.6	
129 1,2-Dibromo-3-Chloropropane	157	11.667	11.661	0.006	93	7202	20.0	17.9	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	98	110167	20.0	21.1	
131 1,2,4-Trichlorobenzene	180	12.337	12.331	0.006	94	76252	20.0	21.2	
132 Hexachlorobutadiene	225	12.435	12.429	0.006	95	68054	20.0	24.9	
133 Naphthalene	128	12.587	12.581	0.006	99	106725	20.0	22.3	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	58358	20.0	21.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	44.5	
S 136 1,3-Dichloropropene, Total	100				0		40.0	40.6	

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	44.6	
S 138 Total BTEX	1				0		100.0	113.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN SP_00142	Amount Added:	3.00	Units: uL	
8FreonsSS_00050	Amount Added:	2.00	Units: uL	
8260 SP_00159	Amount Added:	2.00	Units: uL	
GAS C SP_00484	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Oct-2022 13:25:51 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99218.D

Injection Date: 17-Oct-2022 12:11:30 Instrument ID: CVOAMS4 Operator ID:

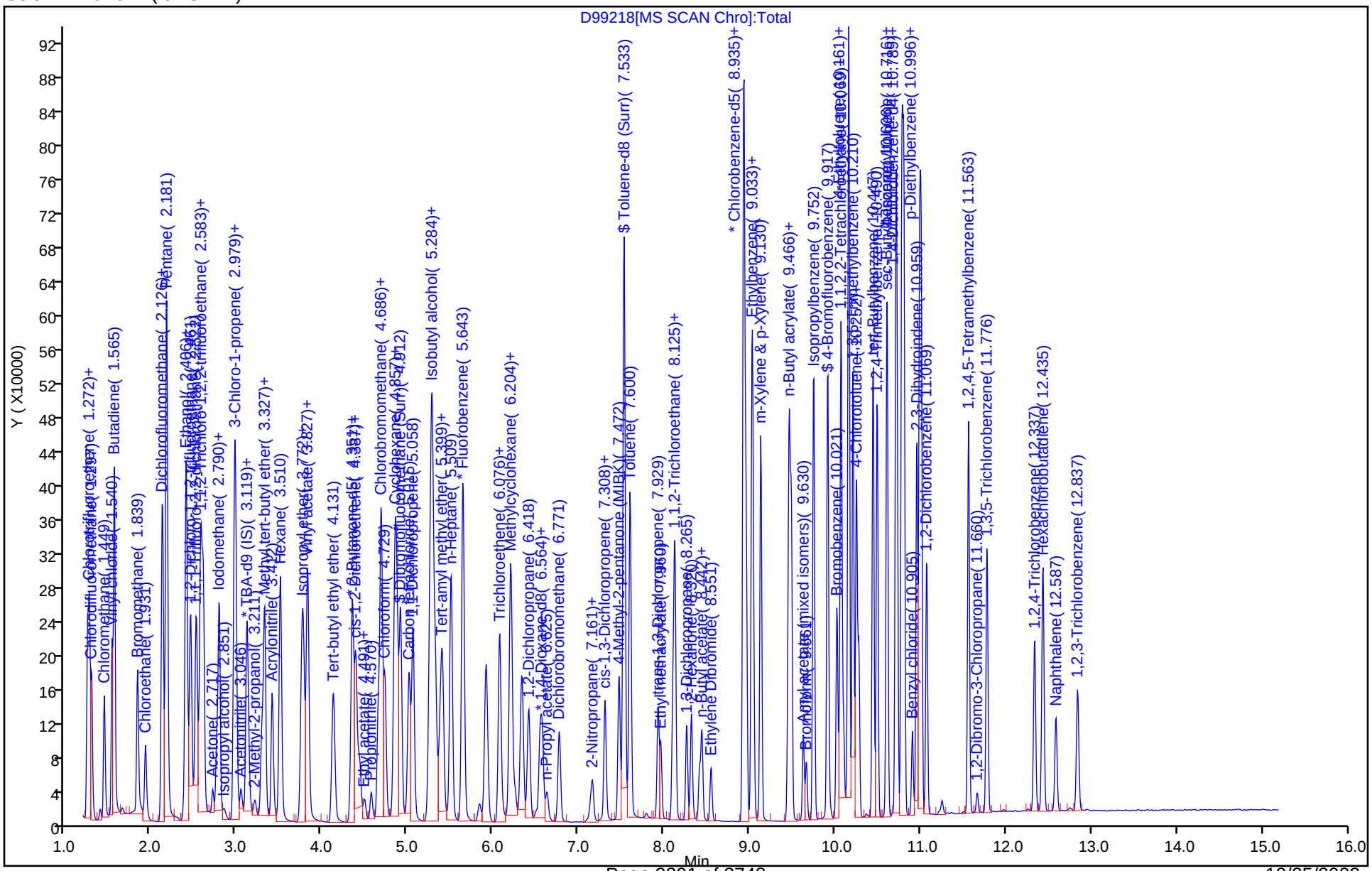
Lims ID: LCS Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99218.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 12:11:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151823-018
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:25:50 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:41:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.7	99.34
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.7	93.46
$ 82 Toluene-d8 (Surr)	50.0	51.5	102.93
$ 104 4-Bromofluorobenzene	50.0	50.2	100.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872317/3

Matrix: Solid | Lab File ID: B93110.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 05:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0226		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0160		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0172		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0204		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0218		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0188		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0191		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0191		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0225		0.0010	0.00039
108-90-7	Chlorobenzene	0.0178		0.0010	0.00018
75-00-3	Chloroethane	0.0208		0.0010	0.00052
67-66-3	Chloroform	0.0196		0.0010	0.00097
74-87-3	Chloromethane	0.0190		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0208		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0172		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0168		0.0010	0.00019
75-09-2	Methylene Chloride	0.0220		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0202		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0226		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0170		0.0010	0.00027
79-01-6	Trichloroethene	0.0206		0.0010	0.00032
75-01-4	Vinyl chloride	0.0191		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	102		75-139
1868-53-7	Dibromofluoromethane (Surr)	115		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93110.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 05:06:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151824-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:12:42 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: N1JZ Date: 17-Oct-2022 06:39:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.788	0.788	0.000	29	5045	20.0	13.9	M
2 1,1-Difluoroethane	51	0.855	0.855	0.000	98	148499	20.0	16.8	
3 Dichlorodifluoromethane	85	0.868	0.868	0.000	83	90447	20.0	19.0	
4 Chlorodifluoromethane	67	0.880	0.880	0.000	96	12374	20.0	19.5	a
5 Chloromethane	50	0.977	0.977	0.000	98	109245	20.0	19.0	
6 Butadiene	54	1.038	1.038	0.000	97	87265	20.0	19.8	
7 Vinyl chloride	62	1.038	1.038	0.000	87	79245	20.0	19.1	
8 Bromomethane	94	1.227	1.227	0.000	99	42796	20.0	19.1	
9 Chloroethane	64	1.258	1.258	0.000	100	43280	20.0	20.8	
10 Dichlorofluoromethane	67	1.398	1.398	0.000	99	111605	20.0	18.6	
12 Pentane	43	1.428	1.428	0.000	96	258410	40.0	40.3	
11 Trichlorofluoromethane	101	1.428	1.428	0.000	39	79509	20.0	19.6	
13 Ethyl ether	59	1.556	1.556	0.000	77	48942	20.0	18.3	
15 2-Methyl-1,3-butadiene	53	1.581	1.581	0.000	96	70427	20.0	20.4	
14 Ethanol	46	1.575	1.575	0.000	48	18103	800.0	908.0	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.611	1.611	0.000	93	43608	20.0	18.1	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.642	1.642	0.000	65	78512	20.0	17.8	Ma
18 Acrolein	56	1.648	1.648	0.000	96	134338	300.0	271.4	
19 1,1-Dichloroethene	96	1.709	1.709	0.000	95	56639	20.0	21.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.752	1.752	0.000	75	63929	20.0	23.5	
21 Acetone	43	1.758	1.758	0.000	86	86912	100.0	89.7	
22 Iodomethane	142	1.806	1.806	0.000	97	98935	20.0	22.2	
23 Carbon disulfide	76	1.843	1.843	0.000	100	219780	20.0	21.3	
24 Isopropyl alcohol	45	1.880	1.880	0.000	96	52522	200.0	152.3	
25 3-Chloro-1-propene	39	1.953	1.953	0.000	92	98019	20.0	19.2	
26 Methyl acetate	43	1.983	1.983	0.000	99	95986	40.0	33.6	
27 Acetonitrile	39	2.008	2.008	0.000	33	54850	200.0	162.2	a
28 Methylene Chloride	84	2.050	2.050	0.000	98	75190	20.0	22.0	
* 29 TBA-d9 (IS)	65	2.142	2.142	0.000	0	477661	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.197	2.197	0.000	94	88676	200.0	171.9	a
31 Acrylonitrile	53	2.239	2.239	0.000	97	269380	200.0	171.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.245	2.245	0.000	97	73643	20.0	22.6	
33 Methyl tert-butyl ether	73	2.288	2.288	0.000	98	202895	20.0	20.4	
34 Hexane	57	2.465	2.465	0.000	95	140228	20.0	22.3	
35 1,1-Dichloroethane	63	2.575	2.575	0.000	99	149632	20.0	20.4	
36 Vinyl acetate	86	2.635	2.635	0.000	100	23233	40.0	45.5	Ma
37 2-Chloro-1,3-butadiene	88	2.654	2.654	0.000	63	64815	20.0	22.6	
38 Isopropyl ether	45	2.678	2.678	0.000	89	296639	20.0	19.5	
39 Tert-butyl ethyl ether	87	3.001	3.001	0.000	87	82168	20.0	20.9	
* 40 2-Butanone-d5	46	3.081	3.081	0.000	0	469589	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.093	3.093	0.000	91	75325	20.0	20.8	
42 2,2-Dichloropropane	79	3.099	3.099	0.000	57	36204	20.0	22.6	
43 2-Butanone (MEK)	72	3.141	3.141	0.000	98	35460	100.0	97.8	
44 Propionitrile	54	3.184	3.184	0.000	99	100239	200.0	190.0	
45 Ethyl acetate	43	3.215	3.215	0.000	99	146157	40.0	36.0	
62 Methyl acrylate	55	3.233	3.233	0.000	99	74185	20.0	17.7	
46 Chlorobromomethane	128	3.318	3.318	0.000	96	32092	20.0	20.7	
47 Methacrylonitrile	67	3.324	3.324	0.000	95	253089	200.0	181.5	
48 Tetrahydrofuran	42	3.391	3.391	0.000	86	49679	40.0	38.6	
49 Chloroform	83	3.416	3.416	0.000	97	117332	20.0	19.6	
$ 50 Dibromofluoromethane (Surr)	113	3.574	3.574	0.000	96	188989	50.0	57.4	
51 1,1,1-Trichloroethane	97	3.580	3.580	0.000	59	101350	20.0	22.6	
52 Cyclohexane	84	3.635	3.635	0.000	96	121595	20.0	23.4	
54 1,1-Dichloropropene	75	3.751	3.751	0.000	93	102904	20.0	21.9	
53 Carbon tetrachloride	117	3.745	3.745	0.000	73	82281	20.0	22.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.910	3.910	0.000	0	225338	50.0	54.4	
56 Benzene	78	3.958	3.958	0.000	98	290778	20.0	17.9	
57 1,2-Dichloroethane	62	3.995	3.995	0.000	96	86388	20.0	18.8	
58 Isobutyl alcohol	42	4.025	4.025	0.000	93	51546	500.0	353.1	a
59 Tert-amyl methyl ether	73	4.160	4.160	0.000	83	222458	20.0	19.4	
73 Isopropyl acetate	61	4.160	4.160	0.000	94	24345	20.0	18.2	
* 60 Fluorobenzene	96	4.300	4.300	0.000	98	693555	50.0	50.0	
61 n-Heptane	43	4.336	4.336	0.000	98	163672	20.0	21.1	
63 Trichloroethene	95	4.739	4.739	0.000	96	66483	20.0	20.6	
64 n-Butanol	43	4.836	4.836	0.000	93	28919	500.0	375.3	
65 Methylcyclohexane	83	4.976	4.976	0.000	94	139997	20.0	23.1	
66 Ethyl acrylate	55	4.983	4.983	0.000	97	211374	20.0	20.8	
67 1,2-Dichloropropane	63	5.019	5.019	0.000	93	77892	20.0	19.1	
68 Dibromomethane	93	5.165	5.165	0.000	37	34136	20.0	19.2	
* 69 1,4-Dioxane-d8	96	5.208	5.208	0.000	0	35202	1000.0	1000.0	
70 1,4-Dioxane	88	5.281	5.281	0.000	28	13058	400.0	344.0	
71 Methyl methacrylate	100	5.287	5.287	0.000	94	24966	40.0	38.4	
81 n-Propyl acetate	43	5.409	5.409	0.000	99	99329	20.0	17.9	
72 Dichlorobromomethane	83	5.428	5.428	0.000	99	78295	20.0	19.1	
74 2-Nitropropane	41	5.775	5.775	0.000	98	26682	40.0	36.3	
75 2-Chloroethyl vinyl ether	63	5.928	5.928	0.000	94	40576	20.0	19.0	
76 Epichlorohydrin	57	5.976	5.976	0.000	99	132145	400.0	387.1	
77 cis-1,3-Dichloropropene	75	6.080	6.080	0.000	97	104188	20.0	17.2	
78 4-Methyl-2-pentanone (MIBK)	43	6.391	6.391	0.000	98	353889	100.0	92.1	
$ 79 Toluene-d8 (Surr)	98	6.458	6.458	0.000	98	809149	50.0	51.3	
80 Toluene	91	6.555	6.555	0.000	93	282909	20.0	18.3	
82 trans-1,3-Dichloropropene	75	6.988	6.988	0.000	97	84018	20.0	17.0	
84 Ethyl methacrylate	69	7.250	7.250	0.000	93	74582	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
83 1,1,2-Trichloroethane	83	7.263	7.263	0.000	92	43235	20.0	17.2	
85 Tetrachloroethene	166	7.421	7.421	0.000	96	63130	20.0	20.2	
86 1,3-Dichloropropane	76	7.519	7.519	0.000	98	90776	20.0	17.1	
87 2-Hexanone	43	7.799	7.799	0.000	98	231229	100.0	95.6	
88 Chlorodibromomethane	129	7.878	7.878	0.000	98	46994	20.0	16.8	
89 Ethylene Dibromide	107	8.006	8.006	0.000	96	46690	20.0	17.0	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	105057	20.0	15.9	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	524374	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	91	161150	20.0	17.8	
93 1,1,1,2-Tetrachloroethane	131	9.134	9.134	0.000	94	50060	20.0	16.5	
94 Ethylbenzene	106	9.201	9.201	0.000	99	93876	20.0	19.0	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	112518	20.0	19.1	
96 o-Xylene	106	10.073	10.073	0.000	93	112624	20.0	19.3	
97 Styrene	104	10.110	10.110	0.000	94	173103	20.0	18.2	
98 n-Butyl acrylate	73	10.244	10.244	0.000	96	39146	20.0	16.4	
99 Bromoform	173	10.347	10.347	0.000	95	27799	20.0	16.2	
101 Amyl acetate (mixed isomers)	43	10.664	10.664	0.000	87	116936	20.0	15.8	
102 Isopropylbenzene	105	10.731	10.731	0.000	97	293962	20.0	19.4	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	86	217125	50.0	50.9	
104 Bromobenzene	156	11.103	11.103	0.000	94	67586	20.0	17.9	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	88	15845	20.0	16.0	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	95	66911	20.0	16.0	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	83	23140	20.0	17.2	
108 N-Propylbenzene	120	11.408	11.408	0.000	98	79784	20.0	19.2	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	68718	20.0	18.9	
110 4-Ethyltoluene	105	11.609	11.609	0.000	99	294726	20.0	18.8	
111 4-Chlorotoluene	91	11.658	11.658	0.000	98	229195	20.0	18.3	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	92	247112	20.0	18.7	
100 Butyl Methacrylate	87	12.079	12.079	0.000	95	69566	20.0	17.1	
113 tert-Butylbenzene	119	12.292	12.292	0.000	92	194480	20.0	18.8	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	98	254709	20.0	18.7	
115 sec-Butylbenzene	105	12.701	12.701	0.000	99	325213	20.0	19.3	
116 1,3-Dichlorobenzene	146	12.780	12.780	0.000	95	131257	20.0	18.1	
* 117 1,4-Dichlorobenzene-d4	152	12.883	12.883	0.000	97	291372	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	95	131285	20.0	17.4	
119 4-Isopropyltoluene	119	12.944	12.944	0.000	98	275754	20.0	19.2	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	257853	20.0	17.8	
121 Benzyl chloride	126	13.103	13.103	0.000	98	21020	20.0	17.5	
122 2,3-Dihydroindene	117	13.200	13.200	0.000	94	240519	20.0	21.2	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	94	124592	20.0	17.1	
124 p-Diethylbenzene	119	13.347	13.347	0.000	91	149017	20.0	19.2	
125 n-Butylbenzene	92	13.365	13.365	0.000	98	165575	20.0	19.7	
126 1,2-Dibromo-3-Chloropropane	157	13.926	13.926	0.000	87	11944	20.0	15.3	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	97	262392	20.0	19.5	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	96	107691	20.0	17.8	
129 1,2,4-Trichlorobenzene	180	14.438	14.438	0.000	94	100205	20.0	18.1	
130 Hexachlorobutadiene	225	14.554	14.554	0.000	96	50093	20.0	18.8	
131 Naphthalene	128	14.566	14.566	0.000	99	228963	20.0	17.5	
132 1,2,3-Trichlorobenzene	180	14.700	14.700	0.000	94	92544	20.0	17.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	43.4	
S 134 1,3-Dichloropropene, Total	100				0		40.0	34.2	
S 135 Xylenes, Total	100				0		40.0	38.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	93.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2022 11:12:42 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93110.D

Injection Date: 17-Oct-2022 05:06:30 Instrument ID: CVOAMS2 Operator ID:

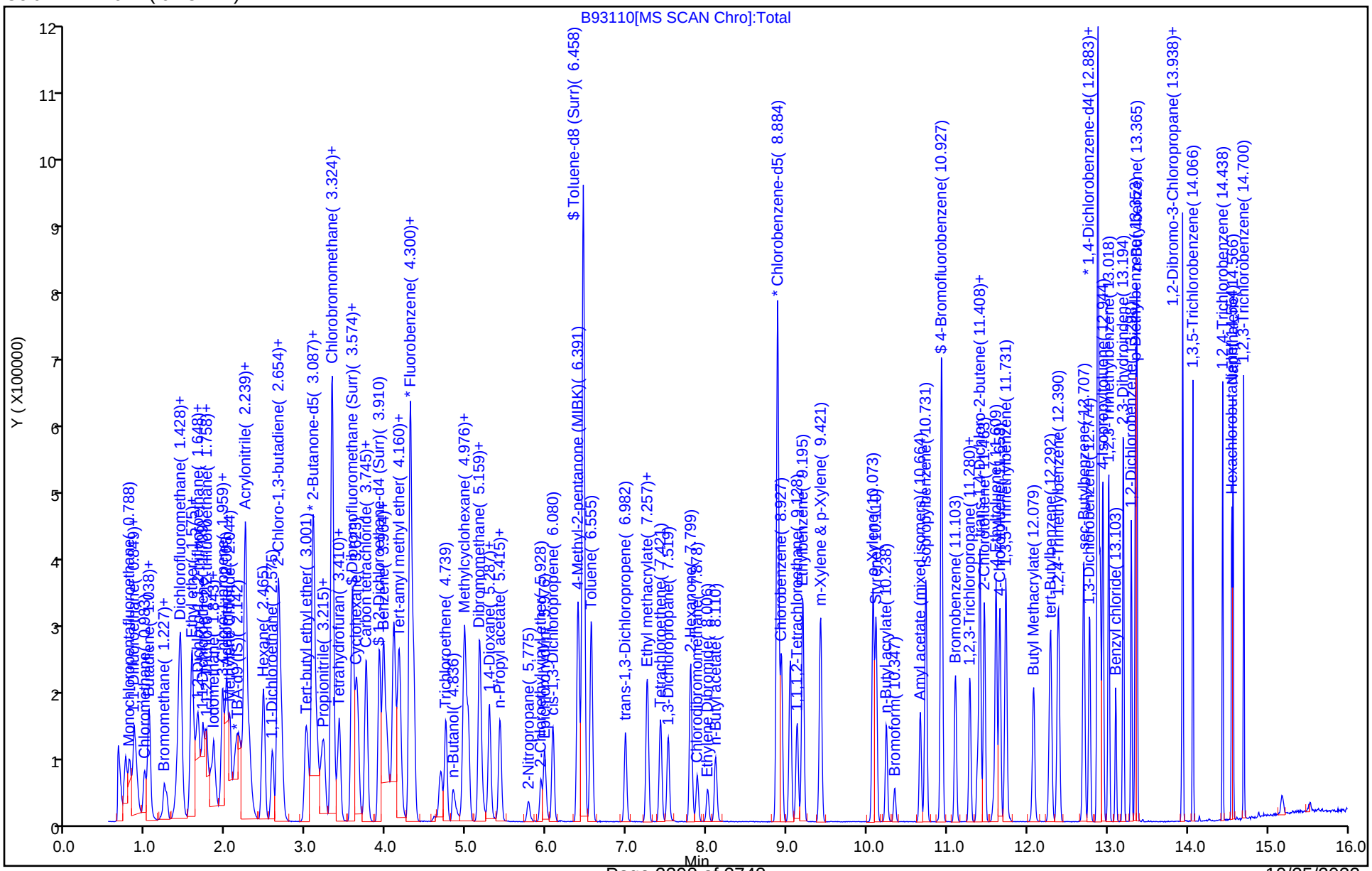
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93110.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 05:06:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151824-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:12:42 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: N1JZ Date: 17-Oct-2022 06:39:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	57.4	114.79
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.4	108.82
$ 79 Toluene-d8 (Surr)	50.0	51.3	102.62
$ 103 4-Bromofluorobenzene	50.0	50.9	101.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872353/3

Matrix: Solid | Lab File ID: K39149.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 09:30

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0226		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0187		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0196		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0224		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0238		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0195		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0208		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0235		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0264		0.0010	0.00039
108-90-7	Chlorobenzene	0.0192		0.0010	0.00018
75-00-3	Chloroethane	0.0178		0.0010	0.00052
67-66-3	Chloroform	0.0214		0.0010	0.00097
74-87-3	Chloromethane	0.0174		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0213		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0201		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0264		0.0010	0.00019
75-09-2	Methylene Chloride	0.0210		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0195		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0219		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0189		0.0010	0.00027
79-01-6	Trichloroethene	0.0209		0.0010	0.00032
75-01-4	Vinyl chloride	0.0192		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	105		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39149.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 09:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151838-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:02:28 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 14:02:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.138	1.138	0.000	91	57406	NC	NC	
2 Chlorotrifluoroethene	116	1.150	1.138	0.012	62	51434	20.0	15.5	
5 Chlorodifluoromethane	67	1.173	1.173	-0.001	95	22964	20.0	17.9	
4 Dichlorodifluoromethane	85	1.173	1.173	-0.001	97	183426	20.0	19.3	
6 Chloromethane	50	1.298	1.298	0.000	98	153277	20.0	17.4	M
7 Butadiene	54	1.367	1.356	0.011	93	112070	20.0	20.5	
8 Vinyl chloride	62	1.378	1.367	0.011	92	122068	20.0	19.2	
9 Bromomethane	94	1.584	1.573	0.011	99	109661	20.0	17.9	
10 Chloroethane	64	1.630	1.618	0.012	100	74806	20.0	17.8	
11 Dichlorofluoromethane	67	1.767	1.756	0.011	99	216116	20.0	18.6	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	54	172446	20.0	17.7	
13 Pentane	72	1.824	1.813	0.011	97	42037	40.0	36.7	
14 Ethanol	46	1.950	1.938	0.012	62	14305	800.0	648.9	M
15 Ethyl ether	59	1.950	1.950	0.000	95	73066	20.0	20.0	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	92	90636	20.0	22.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.995	1.996	-0.001	83	85815	20.0	15.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	93	136460	20.0	16.0	a
19 Acrolein	56	2.053	2.041	0.012	96	185780	300.0	260.7	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	97	102862	20.0	23.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.155	2.144	0.011	96	124262	20.0	23.3	
22 Acetone	43	2.167	2.156	0.011	69	138317	100.0	104.0	
23 Iodomethane	142	2.235	2.224	0.011	98	194696	20.0	22.5	
25 Carbon disulfide	76	2.281	2.270	0.011	100	367225	20.0	24.5	
24 Isopropyl alcohol	45	2.281	2.327	-0.046	24	39930	200.0	243.9	M
26 3-Chloro-1-propene	39	2.384	2.373	0.011	89	120441	20.0	21.5	
27 Methyl acetate	43	2.395	2.384	0.011	99	102358	40.0	41.4	
29 Acetonitrile	39	2.430	2.430	0.000	25	68465	200.0	192.5	a
28 Cyclopentene	67	2.441	2.441	0.000	91	252280	20.0	23.4	
31 Methylene Chloride	84	2.464	2.464	0.000	87	116823	20.0	21.0	
* 30 TBA-d9 (IS)	65	2.555	2.556	-0.001	95	414231	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.613	2.601	0.012	37	101111	200.0	185.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.647	2.647	0.000	97	307928	200.0	208.1	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	94	106144	20.0	21.9	
33 Methyl tert-butyl ether	73	2.681	2.670	0.011	95	284124	20.0	21.2	
36 Hexane	43	2.898	2.887	0.011	91	76471	20.0	22.1	
38 1,1-Dichloroethane	63	3.013	3.001	0.012	100	174673	20.0	22.4	
39 Vinyl acetate	86	3.047	3.047	0.000	99	25463	40.0	38.6	
37 Isopropyl ether	45	3.070	3.070	0.000	83	278648	20.0	21.7	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	82	94972	20.0	21.9	
41 Tert-butyl ethyl ether	87	3.390	3.379	0.011	89	121262	20.0	20.5	
* 42 2-Butanone-d5	46	3.470	3.459	0.011	98	306079	250.0	250.0	
46 2-Butanone (MEK)	72	3.527	3.493	0.034	97	50311	100.0	99.1	
44 cis-1,2-Dichloroethene	96	3.493	3.493	0.000	98	114303	20.0	21.3	
43 2,2-Dichloropropane	79	3.516	3.516	0.000	74	49559	20.0	20.5	
45 Ethyl acetate	70	3.550	3.550	0.000	97	14913	40.0	42.2	
48 Propionitrile	54	3.573	3.561	0.012	87	117043	200.0	169.5	
47 Methyl acrylate	55	3.584	3.573	0.011	76	73203	20.0	21.0	
51 Methacrylonitrile	67	3.698	3.699	-0.001	89	320511	200.0	195.2	
50 Chlorobromomethane	128	3.710	3.710	0.000	85	52725	20.0	19.8	
49 Tetrahydrofuran	72	3.767	3.779	-0.012	70	25518	40.0	37.7	
52 Chloroform	83	3.790	3.779	0.011	99	176583	20.0	21.4	
$ 55 Dibromofluoromethane (Surr)	113	3.938	3.927	0.011	95	219228	50.0	52.6	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	98	153243	20.0	22.6	
53 Cyclohexane	84	4.030	4.030	0.000	87	179347	20.0	22.1	
57 1,1-Dichloropropene	75	4.121	4.122	-0.001	97	133276	20.0	22.3	
56 Carbon tetrachloride	117	4.133	4.133	0.000	96	110021	20.0	26.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	218816	50.0	52.1	
58 Isobutyl alcohol	74	4.316	4.316	0.000	70	30474	500.0	484.8	a
60 Benzene	78	4.316	4.316	0.000	94	387345	20.0	21.0	
64 1,2-Dichloroethane	62	4.339	4.327	0.012	97	113451	20.0	19.5	
59 Isooctane	57	4.419	4.419	0.000	92	354408	20.0	20.6	
62 Isopropyl acetate	61	4.419	4.419	0.000	81	28920	20.0	20.2	a
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	98	297778	20.0	21.0	
* 66 Fluorobenzene	96	4.601	4.602	-0.001	99	791368	50.0	50.0	
65 n-Heptane	43	4.624	4.613	0.011	88	118925	20.0	19.6	
68 n-Butanol	56	4.967	4.944	0.023	37	35618	500.0	476.7	
69 Trichloroethene	95	5.001	4.990	0.011	99	94048	20.0	20.9	
70 Ethyl acrylate	55	5.127	5.127	0.000	98	66739	20.0	17.8	
71 Methylcyclohexane	83	5.219	5.219	0.000	93	202922	20.0	22.1	
72 1,2-Dichloropropane	63	5.241	5.242	-0.001	90	87073	20.0	20.8	
* 73 1,4-Dioxane-d8	96	5.344	5.345	-0.001	35	43363	1000.0	1000.0	
77 Dibromomethane	93	5.367	5.367	0.000	92	55081	20.0	21.0	
75 1,4-Dioxane	88	5.401	5.402	-0.001	35	26113	400.0	455.2	
74 Methyl methacrylate	69	5.401	5.402	-0.001	87	79269	40.0	38.6	
76 n-Propyl acetate	43	5.482	5.482	0.000	98	78487	20.0	20.4	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	108137	20.0	23.5	
79 2-Nitropropane	41	5.859	5.847	0.012	98	18322	40.0	63.3	
67 2-Chloroethyl vinyl ether	63	5.962	5.950	0.012	15	2913	20.0	14.7	
80 Epichlorohydrin	57	6.007	6.007	0.000	99	127933	400.0	397.6	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	92	115998	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.339	6.339	0.000	95	355964	100.0	100.2	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	781503	50.0	49.1	
84 Toluene	91	6.533	6.533	0.000	94	373382	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	6.842	6.842	0.000	97	88403	20.0	18.9	
86 Ethyl methacrylate	69	7.013	7.013	0.000	87	80047	20.0	18.9	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	57192	20.0	19.6	
88 Tetrachloroethene	166	7.265	7.265	0.000	90	78265	20.0	19.5	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	90	111569	20.0	19.9	
90 2-Hexanone	43	7.482	7.482	0.000	94	196623	100.0	117.9	
92 Chlorodibromomethane	129	7.607	7.608	-0.001	95	57205	20.0	26.4	
91 n-Butyl acetate	43	7.699	7.699	0.000	99	68198	20.0	20.4	
93 Ethylene Dibromide	107	7.756	7.745	0.011	99	63205	20.0	18.7	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	519675	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	96	223642	20.0	19.2	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	94	75526	20.0	23.1	
96 Ethylbenzene	106	8.682	8.682	0.000	98	134548	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	162294	20.0	19.4	
100 o-Xylene	106	9.345	9.345	0.000	95	182911	20.0	19.7	
101 Styrene	104	9.368	9.368	0.000	97	251427	20.0	19.1	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	39559	20.0	21.1	
103 Bromoform	173	9.550	9.539	0.011	93	28674	20.0	25.6	
102 Amyl acetate (mixed isomers)	43	9.653	9.654	-0.001	92	76491	20.0	27.2	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	474187	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	85	194577	50.0	48.3	
106 Bromobenzene	156	10.053	10.054	-0.001	97	91470	20.0	18.5	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	98	100340	20.0	18.7	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	98	25726	20.0	16.6	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	72	17758	20.0	18.1	
108 N-Propylbenzene	91	10.202	10.202	0.000	99	532023	20.0	19.9	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	300741	20.0	18.9	
112 4-Ethyltoluene	105	10.316	10.316	0.000	99	432583	20.0	19.6	
114 4-Chlorotoluene	91	10.373	10.374	-0.001	98	315263	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	93	394379	20.0	19.0	
115 Butyl Methacrylate	87	10.511	10.511	0.000	91	77541	20.0	25.7	
116 tert-Butylbenzene	119	10.682	10.682	0.000	93	290474	20.0	17.4	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	407976	20.0	18.7	
118 sec-Butylbenzene	105	10.876	10.877	0.000	99	531530	20.0	19.8	
120 1,3-Dichlorobenzene	146	10.956	10.957	0.000	96	184599	20.0	19.0	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.014	-0.001	97	287417	50.0	50.0	
119 4-Isopropyltoluene	119	11.013	11.014	-0.001	97	440649	20.0	19.2	
122 1,4-Dichlorobenzene	146	11.036	11.037	-0.001	96	188099	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	11.093	11.094	-0.001	97	428521	20.0	18.6	
124 Benzyl chloride	91	11.162	11.162	0.000	99	104440	20.0	24.5	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	404419	20.0	19.6	
126 p-Diethylbenzene	119	11.345	11.345	0.000	93	231892	20.0	18.4	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	95	196016	20.0	18.6	
127 n-Butylbenzene	92	11.356	11.357	-0.001	98	245335	20.0	18.8	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	443638	20.0	19.0	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	90	18559	20.0	17.0	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	96	150850	20.0	18.4	
132 1,2,4-Trichlorobenzene	180	12.579	12.580	-0.001	95	153906	20.0	19.0	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	84	50173	20.0	16.7	
134 Naphthalene	128	12.751	12.751	0.000	99	438586	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	152005	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.1	

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	39.1	
S 139 Total BTEX	1				0		100.0	99.7	

QC Flag Legend

Processing Flags
- NC - Not Calibrated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2022 14:02:29 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39149.D

Injection Date: 17-Oct-2022 09:30:30 Instrument ID: CVOAMS9 Operator ID:

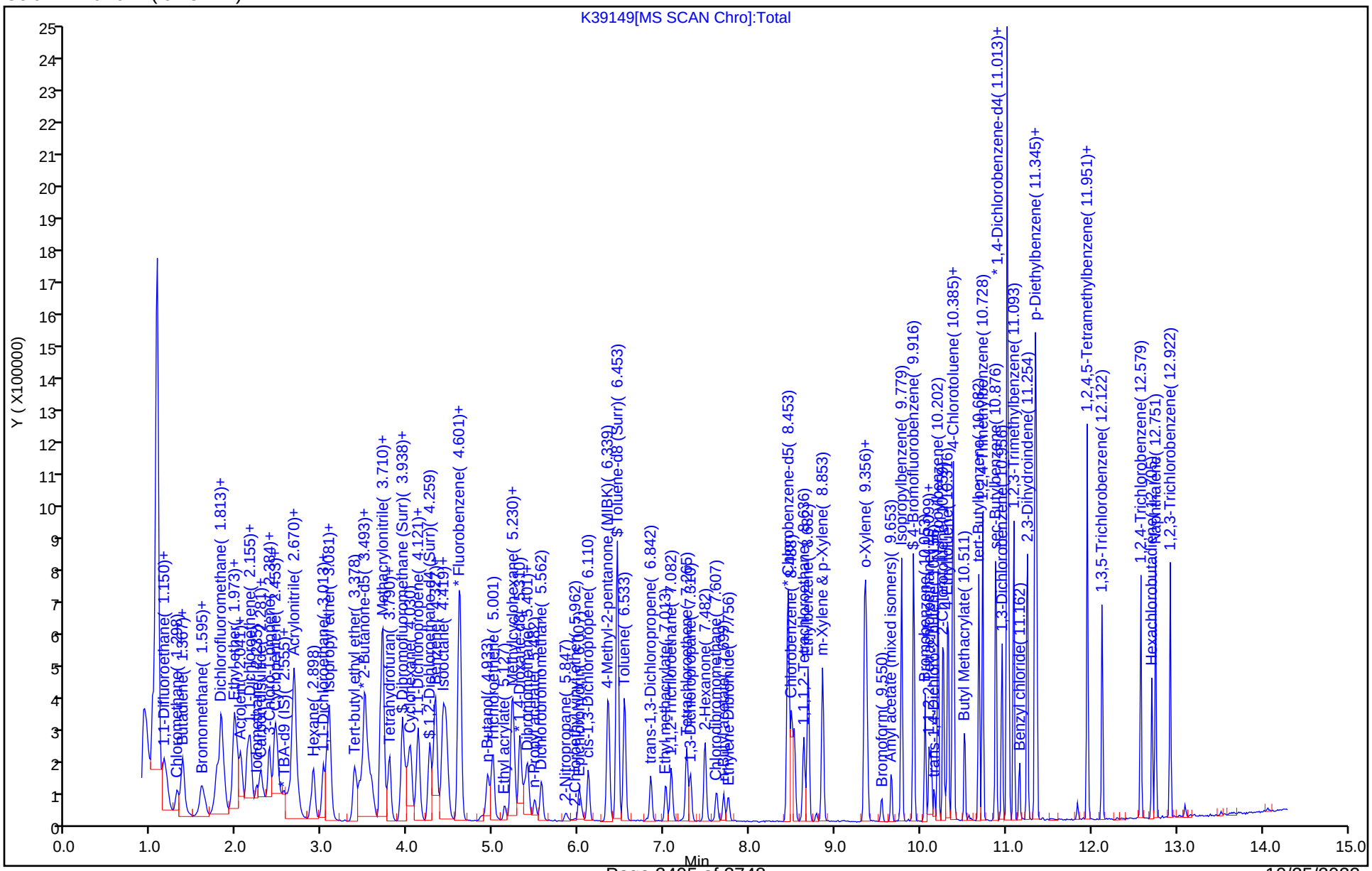
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39149.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 09:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151838-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:02:28 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 14:02:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.6	105.21
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.1	104.23
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.27
$ 105 4-Bromofluorobenzene	50.0	48.3	96.56

Manual Integration/User Assign Peak Report

Eurofins Edison

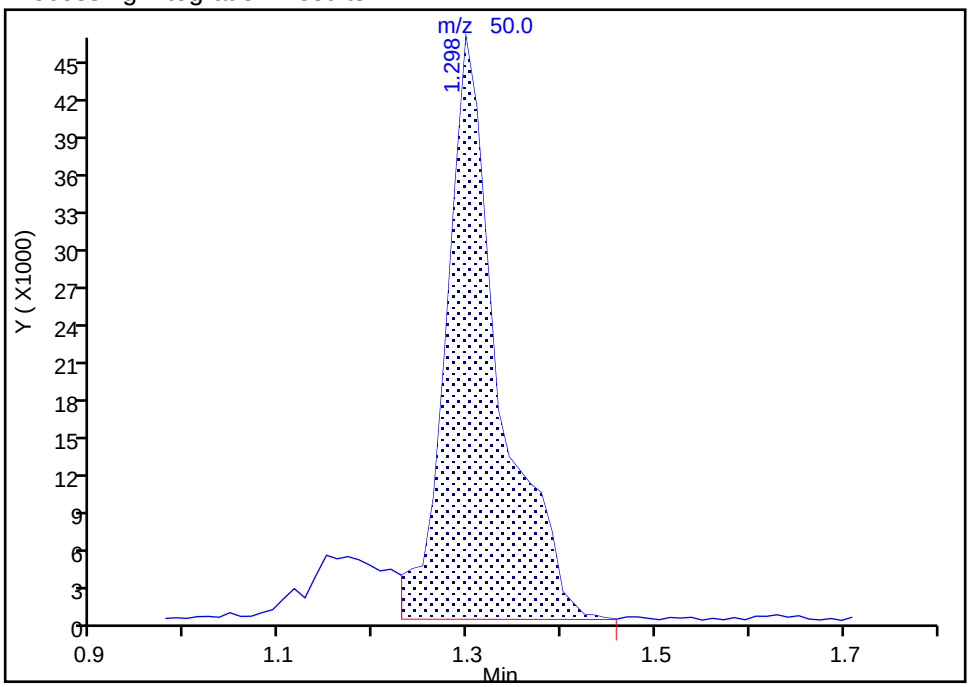
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39149.D
Injection Date: 17-Oct-2022 09:30:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

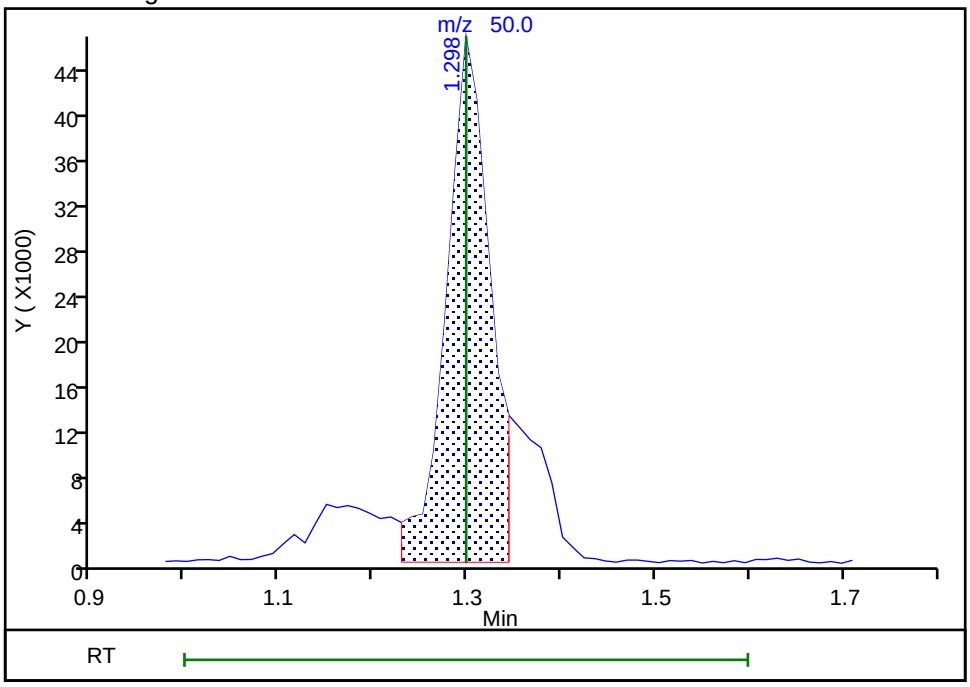
Processing Integration Results

RT: 1.30
Area: 183720
Amount: 20.883221
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 153277
Amount: 17.422803
Amount Units: ug/l



Reviewer: NN6A, 17-Oct-2022 14:01:42
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872367/3

Matrix: Water | Lab File ID: V26612.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 09:47

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872367 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.5		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.20
75-34-3	1,1-Dichloroethane	19.6		1.0	0.26
75-35-4	1,1-Dichloroethene	21.2		1.0	0.26
107-06-2	1,2-Dichloroethane	20.9		1.0	0.43
78-87-5	1,2-Dichloropropane	18.0		1.0	0.35
75-27-4	Bromodichloromethane	19.9		1.0	0.34
56-23-5	Carbon tetrachloride	22.9		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	18.6		1.0	0.32
67-66-3	Chloroform	20.8		1.0	0.33
74-87-3	Chloromethane	17.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.22
124-48-1	Dibromochloromethane	20.6		1.0	0.28
75-09-2	Methylene Chloride	20.5		1.0	0.32
127-18-4	Tetrachloroethene	22.9		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.22
79-01-6	Trichloroethene	20.6		1.0	0.31
75-01-4	Vinyl chloride	19.2		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	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\CVOAMS7\20221017-151847.b\V26612.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 09:47:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151847-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 20:58:24 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:01:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	77	7563	20.0	13.1	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	86	32428	20.0	18.6	
4 1,1-Difluoroethane	65	1.275	1.275	-0.001	79	73031	20.0	17.2	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	167059	20.0	21.2	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	98	27985	20.0	19.5	
6 Chloromethane	50	1.423	1.435	-0.012	100	221784	20.0	17.5	
7 Vinyl chloride	62	1.480	1.480	0.000	99	171335	20.0	19.2	
8 Butadiene	54	1.492	1.492	0.000	91	199163	20.0	18.7	
9 Bromomethane	94	1.697	1.698	-0.001	96	49982	20.0	16.2	
10 Chloroethane	64	1.755	1.755	0.000	99	105257	20.0	18.6	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	98	264200	20.0	19.5	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	96	199685	20.0	22.6	
13 Pentane	72	1.926	1.926	0.000	97	62090	40.0	40.0	
17 Ethanol	46	2.029	2.029	0.000	97	23159	800.0	813.9	
14 Ethyl ether	74	2.063	2.063	0.000	92	94608	20.0	19.7	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	97	179194	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.097	2.098	-0.001	96	102473	20.0	21.0	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.132	2.143	-0.011	97	190233	20.0	20.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.200	0.000	94	131497	20.0	23.8	
52 Acrolein	56	2.200	2.212	-0.012	98	43419	40.0	30.0	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	94	117530	20.0	21.2	
23 Acetone	43	2.292	2.292	0.000	84	281248	100.0	138.2	M
24 Isopropyl alcohol	45	2.360	2.360	0.000	92	81748	200.0	204.8	
21 Iodomethane	142	2.360	2.360	0.000	98	59085	20.0	13.7	
22 Carbon disulfide	76	2.395	2.395	0.000	100	440989	20.0	20.3	
30 Methyl acetate	43	2.486	2.486	0.000	97	344159	40.0	38.5	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	88	95358	20.0	18.8	
25 Cyclopentene	67	2.497	2.509	-0.012	95	429423	20.0	19.9	
27 Acetonitrile	41	2.532	2.532	0.000	96	148743	200.0	168.5	a
* 28 TBA-d9 (IS)	66	2.555	2.555	0.000	98	45023	1000.0	1000.0	
29 Methylene Chloride	84	2.589	2.589	0.000	94	134603	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 2-Methyl-2-propanol	59	2.612	2.612	0.000	99	135835	200.0	193.6	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	449499	20.0	20.0	
33 trans-1,2-Dichloroethene	96	2.738	2.749	-0.011	96	133636	20.0	20.8	
35 Acrylonitrile	53	2.795	2.795	0.000	94	780898	200.0	196.3	
36 Hexane	57	2.863	2.863	0.000	95	270059	20.0	20.6	
37 Isopropyl ether	45	3.023	3.035	-0.012	97	640923	20.0	18.3	
38 1,1-Dichloroethane	63	3.069	3.081	-0.011	60	303788	20.0	19.6	
40 Vinyl acetate	86	3.080	3.081	0.000	100	60822	40.0	47.4	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	94	125498	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	507063	20.0	19.0	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	95	515173	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	95	48168	20.0	22.2	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	45	141200	20.0	21.1	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	89636	100.0	104.4	
47 Ethyl acetate	70	3.538	3.538	0.000	93	37989	40.0	46.3	
46 Methyl acrylate	55	3.595	3.595	0.000	99	154212	20.0	18.7	
48 Propionitrile	54	3.652	3.663	-0.011	97	262769	200.0	181.0	
50 Tetrahydrofuran	72	3.743	3.743	0.000	66	41325	40.0	35.3	
49 Chlorobromomethane	128	3.743	3.743	0.000	91	58322	20.0	23.4	
54 Methacrylonitrile	67	3.743	3.755	-0.012	98	734885	200.0	194.8	
51 Chloroform	83	3.789	3.789	0.000	96	246221	20.0	20.8	
53 Cyclohexane	84	3.915	3.915	0.000	99	225262	20.0	20.6	
55 1,1,1-Trichloroethane	97	3.915	3.915	0.000	95	211249	20.0	21.4	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	169826	50.0	52.1	
57 Carbon tetrachloride	117	4.040	4.041	-0.001	96	178941	20.0	22.9	
58 1,1-Dichloropropene	75	4.063	4.063	0.000	91	223726	20.0	21.3	
61 Isobutyl alcohol	43	4.189	4.201	-0.012	91	297982	500.0	451.8	
64 Isooctane	57	4.212	4.212	0.000	99	498278	20.0	18.9	
59 Benzene	78	4.246	4.246	0.000	98	604942	20.0	19.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	240894	50.0	46.0	
66 Isopropyl acetate	87	4.303	4.303	0.000	95	127721	20.0	20.1	
62 Tert-amyl methyl ether	73	4.303	4.303	0.000	92	458068	20.0	19.6	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	97	218910	20.0	20.9	
65 n-Heptane	57	4.395	4.395	0.000	98	114962	20.0	19.5	
* 67 Fluorobenzene	96	4.532	4.532	0.000	96	698468	50.0	50.0	
70 n-Butanol	56	4.875	4.886	-0.011	96	51898	500.0	396.4	
69 Trichloroethene	95	4.886	4.886	0.000	95	134398	20.0	20.6	
72 Methylcyclohexane	83	5.001	5.001	0.000	78	239199	20.0	20.9	
71 Ethyl acrylate	99	5.001	5.012	-0.011	94	19342	20.0	19.8	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	86	162123	20.0	18.0	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	44	19730	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	73585	40.0	41.5	
78 1,4-Dioxane	88	5.298	5.298	0.000	28	22561	400.0	469.7	
77 n-Propyl acetate	43	5.309	5.309	0.000	97	312453	20.0	18.3	
75 Dibromomethane	93	5.309	5.309	0.000	43	79127	20.0	19.9	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	176157	20.0	19.9	
34 2-Nitropropane	41	5.812	5.812	0.000	99	116744	40.0	36.2	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	93	101278	20.0	19.0	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	384692	400.0	492.3	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	98	253589	20.0	20.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.167	-0.012	99	1018187	100.0	113.8	
$ 82 Toluene-d8 (Surr)	98	6.246	6.247	-0.001	98	782146	50.0	46.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.326	6.338	-0.012	93	571330	20.0	19.1	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	96	222228	20.0	19.4	
86 Ethyl methacrylate	69	6.761	6.761	0.000	95	175890	20.0	18.8	
87 1,1,2-Trichloroethane	83	6.966	6.967	-0.001	93	103558	20.0	19.1	
88 Tetrachloroethene	166	7.012	7.012	0.000	93	120102	20.0	22.9	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	96	232343	20.0	19.7	
91 2-Hexanone	43	7.264	7.275	-0.011	98	646084	100.0	109.4	
92 n-Butyl acetate	43	7.412	7.412	0.000	96	316492	20.0	16.9	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	111191	20.0	20.6	
93 Ethylene Dibromide	107	7.618	7.618	0.000	97	113760	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	440248	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	89	324252	20.0	20.1	
97 Ethylbenzene	106	8.304	8.304	0.000	99	174341	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	91	108686	20.0	21.2	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	224426	20.0	20.7	
100 o-Xylene	106	8.875	8.875	0.000	92	213038	20.0	20.4	
99 n-Butyl acrylate	73	8.887	8.887	0.000	94	100908	20.0	17.7	
101 Styrene	104	8.910	8.910	0.000	91	342262	20.0	20.8	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	88	343302	20.0	17.3	
103 Bromoform	173	9.127	9.127	0.000	93	71038	20.0	21.3	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	565264	20.0	21.3	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	174015	50.0	52.1	
107 Bromobenzene	156	9.572	9.573	-0.001	92	122613	20.0	21.9	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	158584	20.0	18.5	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	686451	20.0	20.2	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	44964	20.0	19.8	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	86	61833	20.0	18.3	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	458532	20.0	19.8	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	543926	20.0	20.4	
116 1,3,5-Trimethylbenzene	105	9.812	9.813	-0.001	92	424973	20.0	19.4	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	439338	20.0	20.2	
117 Butyl Methacrylate	87	9.915	9.915	0.000	93	139465	20.0	16.9	
118 tert-Butylbenzene	119	10.087	10.087	0.000	90	364327	20.0	20.0	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	445877	20.0	20.1	
120 sec-Butylbenzene	105	10.270	10.281	-0.011	98	537493	20.0	20.8	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	92	229810	20.0	22.1	
121 4-Isopropyltoluene	119	10.407	10.407	0.000	97	448304	20.0	21.7	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	96	200735	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	89	229204	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	99	446483	20.0	20.0	
125 Benzyl chloride	91	10.613	10.613	0.000	97	324102	20.0	20.3	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	419459	20.0	20.3	
126 p-Diethylbenzene	119	10.715	10.716	-0.001	91	222965	20.0	20.6	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	224364	20.0	19.1	
128 1,2-Dichlorobenzene	146	10.795	10.796	-0.001	92	209680	20.0	21.0	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	96	341553	20.0	19.4	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	89	27068	20.0	19.0	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	95	138404	20.0	21.6	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	92	124672	20.0	20.9	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	92	51504	20.0	21.5	
134 Naphthalene	128	12.178	12.179	-0.001	98	299623	20.0	18.1	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	93	106358	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.9	
S 137 Xylenes, Total	100				0		40.0	41.1	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.7	
S 139 Total BTEX	1				0		100.0	98.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 20.00	Units: uL		
GASES Li_00498	Amount Added: 20.00	Units: uL		
ACROLEIN W_00145	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 17-Oct-2022 21:01:34 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26612.D

Injection Date: 17-Oct-2022 09:47:30 Instrument ID: CVOAMS7

Lims ID: LCS

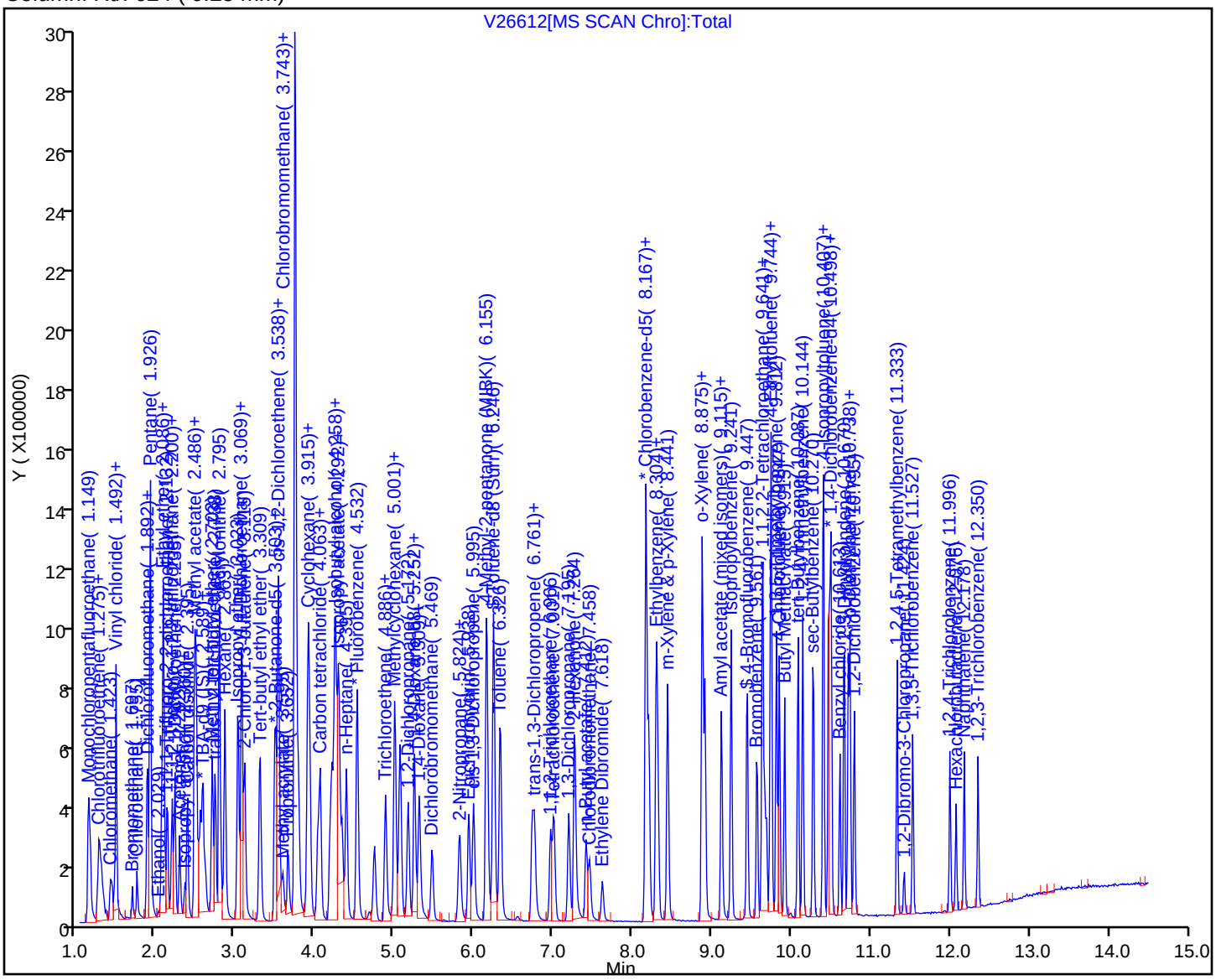
Client ID:

Operator ID: ALS Bottle#: 52 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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26612.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 09:47:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151847-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 20:58:24 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:01:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.1	104.26
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.0	91.92
$ 82 Toluene-d8 (Surr)	50.0	46.8	93.54
$ 105 4-Bromofluorobenzene	50.0	52.1	104.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872430/4

Matrix: Solid | Lab File ID: B93142.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 19:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0219		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0162		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0172		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0198		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0214		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0185		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0188		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0186		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0209		0.0010	0.00039
108-90-7	Chlorobenzene	0.0178		0.0010	0.00018
75-00-3	Chloroethane	0.0220		0.0010	0.00052
67-66-3	Chloroform	0.0197		0.0010	0.00097
74-87-3	Chloromethane	0.0211		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0206		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0171		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0163		0.0010	0.00019
75-09-2	Methylene Chloride	0.0208		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0192		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0220		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0167		0.0010	0.00027
79-01-6	Trichloroethene	0.0206		0.0010	0.00032
75-01-4	Vinyl chloride	0.0215		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	112		73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93142.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 19:04:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151860-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:09:34 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 19:38:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.880	0.880	0.000	98	99701	20.0	12.0	M
3 Dichlorodifluoromethane	85	0.880	0.880	0.000	65	72377	20.0	16.2	
4 Chlorodifluoromethane	67	0.886	0.886	0.000	95	9462	20.0	15.9	a
5 Chloromethane	50	0.983	0.983	0.000	99	113788	20.0	21.1	
7 Vinyl chloride	62	1.038	1.038	0.000	94	83764	20.0	21.5	
6 Butadiene	54	1.050	1.050	0.000	96	84879	20.0	20.5	
8 Bromomethane	94	1.233	1.233	0.000	99	44427	20.0	21.1	
9 Chloroethane	64	1.270	1.270	0.000	99	43096	20.0	22.0	
10 Dichlorofluoromethane	67	1.404	1.404	0.000	99	115449	20.0	20.5	
12 Pentane	43	1.434	1.434	0.000	99	235359	40.0	39.1	
11 Trichlorofluoromethane	101	1.441	1.441	0.000	75	80062	20.0	21.0	
13 Ethyl ether	59	1.569	1.569	0.000	65	47390	20.0	18.8	
14 Ethanol	46	1.593	1.593	0.000	49	15304	800.0	717.5	M
15 2-Methyl-1,3-butadiene	53	1.581	1.581	0.000	96	61851	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.605	1.605	0.000	82	48404	20.0	21.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.648	1.648	0.000	85	87136	20.0	21.1	Ma
18 Acrolein	56	1.654	1.654	0.000	95	150032	300.0	283.3	
19 1,1-Dichloroethene	96	1.715	1.715	0.000	96	52340	20.0	21.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.752	1.752	0.000	79	57569	20.0	22.5	
21 Acetone	43	1.764	1.764	0.000	86	96024	100.0	93.0	
22 Iodomethane	142	1.806	1.806	0.000	98	89771	20.0	21.5	
23 Carbon disulfide	76	1.849	1.849	0.000	100	200728	20.0	20.7	
24 Isopropyl alcohol	45	1.898	1.898	0.000	96	57105	200.0	154.8	
25 3-Chloro-1-propene	39	1.959	1.959	0.000	92	86233	20.0	18.0	
26 Methyl acetate	43	1.989	1.989	0.000	99	90478	40.0	33.7	
27 Acetonitrile	39	2.014	2.014	0.000	27	52744	200.0	145.8	a
28 Methylene Chloride	84	2.056	2.056	0.000	98	66654	20.0	20.8	
* 29 TBA-d9 (IS)	65	2.160	2.160	0.000	0	511016	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.239	2.239	0.000	97	92950	200.0	168.4	a
31 Acrylonitrile	53	2.239	2.239	0.000	96	274934	200.0	163.7	
32 trans-1,2-Dichloroethene	96	2.251	2.251	0.000	96	67379	20.0	22.0	

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	2.288	2.288	0.000	98	188982	20.0	20.2	
34 Hexane	57	2.471	2.471	0.000	94	126041	20.0	21.3	
35 1,1-Dichloroethane	63	2.587	2.587	0.000	99	136170	20.0	19.8	
36 Vinyl acetate	86	2.660	2.660	0.000	100	20540	40.0	37.7	
37 2-Chloro-1,3-butadiene	88	2.666	2.666	0.000	62	60560	20.0	22.5	
38 Isopropyl ether	45	2.684	2.684	0.000	91	275627	20.0	19.3	
39 Tert-butyl ethyl ether	87	3.001	3.001	0.000	88	75760	20.0	20.5	
* 40 2-Butanone-d5	46	3.093	3.093	0.000	0	501702	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.099	3.099	0.000	90	70264	20.0	20.6	
42 2,2-Dichloropropane	79	3.105	3.105	0.000	55	31644	20.0	21.0	
43 2-Butanone (MEK)	72	3.148	3.148	0.000	99	35496	100.0	91.7	
44 Propionitrile	54	3.196	3.196	0.000	97	104337	200.0	185.1	
45 Ethyl acetate	43	3.227	3.227	0.000	99	151565	40.0	34.9	
62 Methyl acrylate	55	3.245	3.245	0.000	98	75480	20.0	19.2	
46 Chlorobromomethane	128	3.318	3.318	0.000	96	29313	20.0	20.1	
47 Methacrylonitrile	67	3.330	3.330	0.000	95	255367	200.0	194.9	
48 Tetrahydrofuran	42	3.404	3.404	0.000	85	49536	40.0	36.0	
49 Chloroform	83	3.422	3.422	0.000	97	110819	20.0	19.7	
$ 50 Dibromofluoromethane (Surr)	113	3.580	3.580	0.000	96	172696	50.0	55.8	
51 1,1,1-Trichloroethane	97	3.593	3.593	0.000	59	92094	20.0	21.9	M
52 Cyclohexane	84	3.635	3.635	0.000	96	108304	20.0	22.1	
53 Carbon tetrachloride	117	3.757	3.757	0.000	74	71769	20.0	20.9	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	92	93602	20.0	21.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	210242	50.0	54.0	
56 Benzene	78	3.971	3.971	0.000	97	264263	20.0	17.7	
57 1,2-Dichloroethane	62	4.007	4.007	0.000	97	79757	20.0	18.5	
58 Isobutyl alcohol	42	4.025	4.025	0.000	96	54881	500.0	351.4	
59 Tert-amyl methyl ether	73	4.166	4.166	0.000	76	215476	20.0	20.0	
73 Isopropyl acetate	61	4.172	4.172	0.000	93	25599	20.0	20.3	
* 60 Fluorobenzene	96	4.306	4.306	0.000	98	651750	50.0	50.0	
61 n-Heptane	43	4.342	4.342	0.000	98	141851	20.0	19.5	
63 Trichloroethene	95	4.745	4.745	0.000	95	62619	20.0	20.6	
64 n-Butanol	43	4.842	4.842	0.000	93	29550	500.0	358.4	
65 Methylcyclohexane	83	4.976	4.976	0.000	85	125884	20.0	22.1	
66 Ethyl acrylate	55	4.983	4.983	0.000	96	191948	20.0	20.1	
67 1,2-Dichloropropane	63	5.031	5.031	0.000	95	71999	20.0	18.8	
68 Dibromomethane	93	5.172	5.172	0.000	95	31855	20.0	19.0	
* 69 1,4-Dioxane-d8	96	5.220	5.220	0.000	0	35950	1000.0	1000.0	
70 1,4-Dioxane	88	5.281	5.281	0.000	28	14100	400.0	363.9	
71 Methyl methacrylate	100	5.287	5.287	0.000	95	24999	40.0	40.9	
81 n-Propyl acetate	43	5.415	5.415	0.000	99	96357	20.0	18.5	
72 Dichlorobromomethane	83	5.428	5.428	0.000	98	71469	20.0	18.6	
74 2-Nitropropane	41	5.775	5.775	0.000	96	25644	40.0	37.1	
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	93	36185	20.0	18.0	
76 Epichlorohydrin	57	5.982	5.982	0.000	99	130371	400.0	357.5	
77 cis-1,3-Dichloropropene	75	6.080	6.080	0.000	96	94796	20.0	17.1	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.397	0.000	98	350293	100.0	85.3	
$ 79 Toluene-d8 (Surr)	98	6.458	6.458	0.000	98	717108	50.0	49.5	
80 Toluene	91	6.562	6.562	0.000	94	252564	20.0	17.7	
82 trans-1,3-Dichloropropene	75	6.982	6.982	0.000	98	76064	20.0	16.7	
83 1,1,2-Trichloroethane	83	7.257	7.257	0.000	92	39714	20.0	17.2	
84 Ethyl methacrylate	69	7.257	7.257	0.000	94	68291	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.421	7.421	0.000	94	55071	20.0	19.2	
86 1,3-Dichloropropane	76	7.519	7.519	0.000	98	83033	20.0	17.0	
87 2-Hexanone	43	7.799	7.799	0.000	99	229120	100.0	88.7	
88 Chlorodibromomethane	129	7.884	7.884	0.000	97	42106	20.0	16.3	
89 Ethylene Dibromide	107	8.012	8.012	0.000	99	42464	20.0	16.9	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	96404	20.0	15.9	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	481619	50.0	50.0	
92 Chlorobenzene	112	8.927	8.927	0.000	92	148017	20.0	17.8	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.128	0.000	94	47436	20.0	17.1	
94 Ethylbenzene	106	9.195	9.195	0.000	99	81947	20.0	18.1	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	101763	20.0	18.8	
96 o-Xylene	106	10.073	10.073	0.000	93	101899	20.0	19.0	
97 Styrene	104	10.110	10.110	0.000	94	155973	20.0	17.8	
98 n-Butyl acrylate	73	10.238	10.238	0.000	94	34857	20.0	15.9	
99 Bromoform	173	10.341	10.341	0.000	94	24930	20.0	15.8	
101 Amyl acetate (mixed isomers)	43	10.664	10.664	0.000	87	109927	20.0	16.0	
102 Isopropylbenzene	105	10.731	10.731	0.000	97	259649	20.0	18.7	
$ 103 4-Bromofluorobenzene	174	10.927	10.927	0.000	86	191228	50.0	48.4	
104 Bromobenzene	156	11.103	11.103	0.000	94	58312	20.0	16.7	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	86	15312	20.0	16.6	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	95	62941	20.0	16.2	
107 trans-1,4-Dichloro-2-butene	53	11.372	11.372	0.000	82	21014	20.0	16.8	
108 N-Propylbenzene	120	11.408	11.408	0.000	99	72016	20.0	18.7	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	61075	20.0	18.1	
110 4-Ethyltoluene	105	11.603	11.603	0.000	98	259835	20.0	17.8	
111 4-Chlorotoluene	91	11.658	11.658	0.000	98	200727	20.0	17.3	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	93	217555	20.0	17.8	
100 Butyl Methacrylate	87	12.079	12.079	0.000	95	60954	20.0	16.2	
113 tert-Butylbenzene	119	12.286	12.286	0.000	91	165241	20.0	17.2	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	98	226964	20.0	18.0	
115 sec-Butylbenzene	105	12.701	12.701	0.000	99	285082	20.0	18.3	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	94	119394	20.0	17.7	
* 117 1,4-Dichlorobenzene-d4	152	12.883	12.883	0.000	97	269968	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	95	120760	20.0	17.3	
119 4-Isopropyltoluene	119	12.938	12.938	0.000	97	240881	20.0	18.1	
120 1,2,3-Trimethylbenzene	105	13.012	13.012	0.000	99	233578	20.0	17.4	
121 Benzyl chloride	126	13.103	13.103	0.000	97	19273	20.0	17.3	
122 2,3-Dihydroindene	117	13.194	13.194	0.000	94	213772	20.0	20.1	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	94	115300	20.0	17.1	
124 p-Diethylbenzene	119	13.347	13.347	0.000	91	130156	20.0	18.1	
125 n-Butylbenzene	92	13.365	13.365	0.000	99	145544	20.0	18.7	
126 1,2-Dibromo-3-Chloropropane	157	13.926	13.926	0.000	87	11145	20.0	15.4	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	97	224541	20.0	18.0	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	97	100292	20.0	17.9	
129 1,2,4-Trichlorobenzene	180	14.438	14.438	0.000	94	91010	20.0	17.7	
130 Hexachlorobutadiene	225	14.554	14.554	0.000	94	41112	20.0	16.7	
131 Naphthalene	128	14.566	14.566	0.000	99	217503	20.0	18.0	
132 1,2,3-Trichlorobenzene	180	14.700	14.700	0.000	94	86842	20.0	17.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 134 1,3-Dichloropropene, Total	100				0		40.0	33.8	
S 135 Xylenes, Total	100				0		40.0	37.7	
S 136 Total BTEX	1				0		100.0	91.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 14:09:34 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93142.D

Injection Date: 17-Oct-2022 19:04:30 Instrument ID: CVOAMS2 Operator ID:

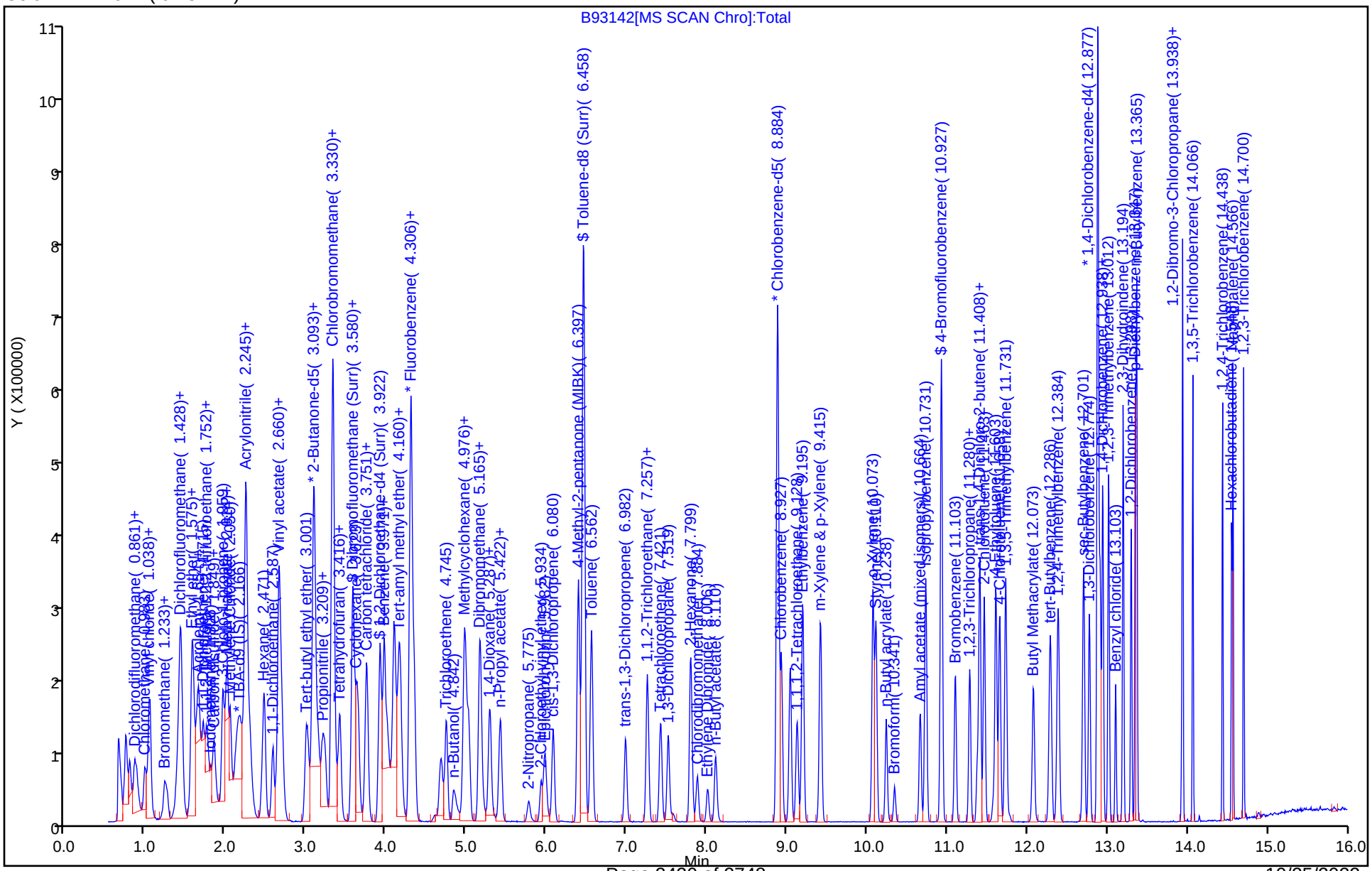
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93142.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 19:04:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0151860-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:09:34 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 19:38:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	55.8	111.62
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	54.0	108.04
$ 79 Toluene-d8 (Surr)	50.0	49.5	99.02
$ 103 4-Bromofluorobenzene	50.0	48.4	96.86

Manual Integration/User Assign Peak Report

Eurofins Edison

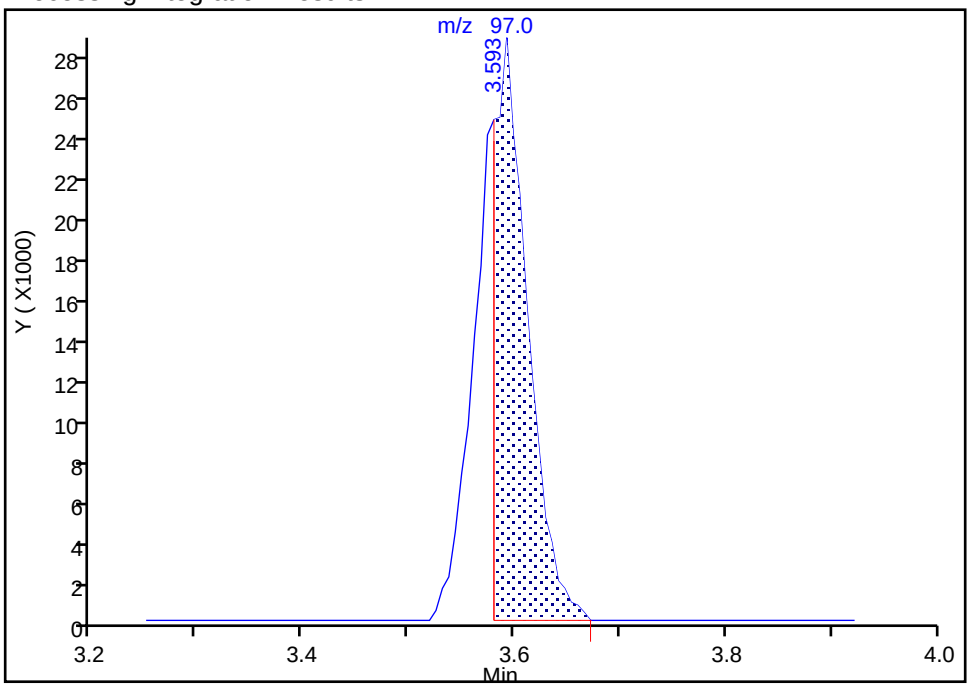
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93142.D
Injection Date: 17-Oct-2022 19:04:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

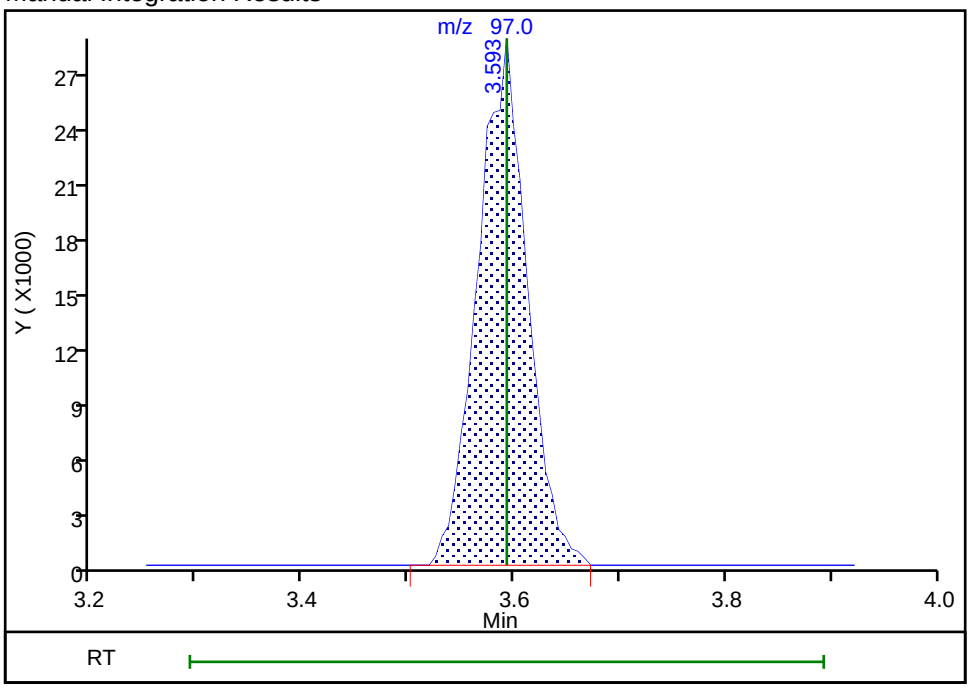
Processing Integration Results

RT: 3.59
Area: 62848
Amount: 14.941481
Amount Units: ug/l



Manual Integration Results

RT: 3.59
Area: 92094
Amount: 21.894424
Amount Units: ug/l



Reviewer: C1JX, 17-Oct-2022 19:34:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872434/3

Matrix: Solid | Lab File ID: D99237.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 19:22

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872434 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0196		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0171		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0187		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0192		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0202		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0187		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0196		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0190		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0200		0.0010	0.00039
108-90-7	Chlorobenzene	0.0189		0.0010	0.00018
75-00-3	Chloroethane	0.0187		0.0010	0.00052
67-66-3	Chloroform	0.0187		0.0010	0.00097
74-87-3	Chloromethane	0.0186		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0192		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0196		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0192		0.0010	0.00019
75-09-2	Methylene Chloride	0.0195		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0190		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0192		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0190		0.0010	0.00027
79-01-6	Trichloroethene	0.0201		0.0010	0.00032
75-01-4	Vinyl chloride	0.0199		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	105		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99237.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 19:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151861-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:11:47 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 19:41:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.254	-0.006	84	10680	20.0	3.08	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	96	27597	20.0	8.28	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	99	152751	20.0	17.2	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	97	94301	20.0	12.5	
6 Chloromethane	50	1.455	1.455	0.000	99	128791	20.0	18.6	
8 Vinyl chloride	62	1.547	1.547	0.001	98	147598	20.0	19.9	
7 Butadiene	54	1.571	1.571	0.000	95	146939	20.0	20.1	
9 Bromomethane	94	1.839	1.845	-0.006	99	88757	20.0	16.3	
10 Chloroethane	64	1.937	1.937	0.000	100	65326	20.0	18.7	
13 Trichlorofluoromethane	101	2.132	2.132	0.000	98	157005	20.0	19.3	
11 Dichlorofluoromethane	67	2.132	2.138	-0.006	98	159524	20.0	18.0	
12 Pentane	72	2.181	2.187	-0.006	96	38039	40.0	39.3	
15 Ethanol	46	2.382	2.388	-0.006	95	8557	800.0	802.4	
14 Ethyl ether	59	2.400	2.406	-0.006	90	51955	20.0	19.2	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	98	88049	20.0	20.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.467	2.467	0.000	84	82551	20.0	18.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.534	-0.006	95	131057	20.0	19.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.583	2.583	0.000	93	108959	20.0	20.7	
19 Acrolein	56	2.583	2.589	-0.006	98	94818	300.0	310.1	
21 1,1-Dichloroethene	96	2.613	2.613	0.000	98	91201	20.0	20.2	
22 Acetone	43	2.723	2.723	0.000	87	60791	100.0	90.3	
23 Iodomethane	142	2.772	2.772	0.000	99	125732	20.0	17.4	
24 Carbon disulfide	76	2.796	2.802	-0.006	99	315006	20.0	20.0	
25 Isopropyl alcohol	45	2.857	2.863	-0.006	98	23310	200.0	173.2	
26 3-Chloro-1-propene	76	2.973	2.973	0.000	89	53529	20.0	19.3	
28 Cyclopentene	67	2.985	2.991	-0.006	94	227839	20.0	19.6	
27 Methyl acetate	43	3.004	3.004	0.000	99	57236	40.0	37.6	
29 Acetonitrile	40	3.052	3.058	-0.006	98	24726	200.0	173.0	
30 Methylene Chloride	84	3.119	3.119	0.000	90	85992	20.0	19.5	
* 31 TBA-d9 (IS)	65	3.138	3.138	0.000	0	183625	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.217	3.217	0.000	98	42754	200.0	180.9	

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	3.302	3.302	0.000	96	164329	20.0	19.7	
34 trans-1,2-Dichloroethene	96	3.333	3.333	0.000	93	94880	20.0	19.2	
35 Acrylonitrile	53	3.418	3.418	0.000	94	141600	200.0	166.1	
36 Hexane	57	3.516	3.516	0.000	92	129667	20.0	20.0	
37 Isopropyl ether	45	3.766	3.766	0.000	97	199355	20.0	19.8	
38 1,1-Dichloroethane	63	3.790	3.790	0.000	99	149313	20.0	19.2	
39 Vinyl acetate	86	3.827	3.827	0.000	99	20555	40.0	34.6	
40 2-Chloro-1,3-butadiene	88	3.839	3.839	0.000	90	81533	20.0	19.5	
41 Tert-butyl ethyl ether	59	4.137	4.137	0.000	89	183295	20.0	20.0	
43 2,2-Dichloropropane	79	4.357	4.357	0.000	94	42372	20.0	19.1	
* 42 2-Butanone-d5	46	4.363	4.363	0.000	95	171723	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.400	4.400	0.000	98	92882	20.0	19.2	
45 2-Butanone (MEK)	72	4.430	4.430	0.000	100	23523	100.0	88.7	
46 Ethyl acetate	70	4.448	4.448	0.000	98	8031	40.0	32.2	
47 Methyl acrylate	55	4.503	4.503	0.000	100	33582	20.0	18.9	
48 Propionitrile	54	4.576	4.582	-0.006	98	49407	200.0	183.7	
49 Chlorobromomethane	128	4.662	4.662	0.000	76	40867	20.0	20.0	
50 Tetrahydrofuran	72	4.662	4.668	-0.006	62	9055	40.0	37.0	
51 Methacrylonitrile	67	4.698	4.698	0.000	91	172674	200.0	181.6	
52 Chloroform	83	4.735	4.741	-0.006	99	139771	20.0	18.7	
53 Cyclohexane	84	4.857	4.857	0.000	89	133171	20.0	20.1	
54 1,1,1-Trichloroethane	97	4.881	4.881	0.000	98	134071	20.0	19.6	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.924	0.000	97	193267	50.0	52.5	
56 Carbon tetrachloride	117	5.021	5.021	0.000	97	124789	20.0	20.0	
57 1,1-Dichloropropene	75	5.070	5.070	0.000	97	119533	20.0	20.5	
58 Isobutyl alcohol	43	5.277	5.284	-0.007	84	73491	500.0	356.0	
59 Benzene	78	5.296	5.296	0.000	96	313070	20.0	19.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.326	0.000	97	152188	50.0	48.5	
61 Tert-amyl methyl ether	87	5.399	5.399	0.000	94	47633	20.0	19.2	
63 1,2-Dichloroethane	62	5.418	5.418	0.000	97	79127	20.0	18.7	
62 Isopropyl acetate	61	5.418	5.418	0.000	97	23843	20.0	18.3	
64 n-Heptane	43	5.509	5.515	-0.006	89	106093	20.0	18.3	
* 65 Fluorobenzene	96	5.649	5.655	-0.006	99	524777	50.0	50.0	
67 Trichloroethene	95	6.082	6.082	0.000	97	86405	20.0	20.1	
66 n-Butanol	56	6.113	6.119	-0.006	86	13449	500.0	305.8	
68 Methylcyclohexane	83	6.210	6.210	0.000	94	139069	20.0	19.6	
69 Ethyl acrylate	55	6.259	6.265	-0.006	99	40194	20.0	21.6	
70 1,2-Dichloropropane	63	6.424	6.424	0.000	91	66908	20.0	19.6	
* 71 1,4-Dioxane-d8	96	6.509	6.515	-0.006	0	19713	1000.0	1000.0	
72 Methyl methacrylate	100	6.558	6.558	0.000	84	23052	40.0	38.3	
73 1,4-Dioxane	88	6.576	6.582	-0.006	78	9758	400.0	280.7	
74 Dibromomethane	93	6.582	6.582	0.000	94	37501	20.0	18.6	
75 n-Propyl acetate	43	6.637	6.637	0.000	97	46379	20.0	19.1	
76 Dichlorobromomethane	83	6.777	6.777	0.000	99	91170	20.0	19.0	
77 2-Nitropropane	41	7.143	7.143	0.000	99	18152	40.0	35.1	
78 2-Chloroethyl vinyl ether	63	7.167	7.167	0.000	94	25385	20.0	19.7	
79 Epichlorohydrin	57	7.259	7.265	-0.006	98	65343	400.0	351.7	
80 cis-1,3-Dichloropropene	75	7.314	7.314	0.000	91	103445	20.0	19.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.478	7.478	0.000	96	150350	100.0	88.4	
$ 82 Toluene-d8 (Surr)	98	7.533	7.539	-0.006	99	617806	50.0	51.1	
83 Toluene	91	7.606	7.606	0.000	93	310497	20.0	18.7	
84 trans-1,3-Dichloropropene	75	7.936	7.936	0.000	97	83565	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
85 Ethyl methacrylate	69	7.966	7.966	0.000	86	53062	20.0	18.7	
86 1,1,2-Trichloroethane	83	8.106	8.106	0.000	95	40612	20.0	18.7	
87 Tetrachloroethene	166	8.131	8.131	0.000	98	89569	20.0	19.0	
88 1,3-Dichloropropane	76	8.271	8.271	0.000	91	76723	20.0	19.6	
89 2-Hexanone	43	8.320	8.326	-0.006	94	96444	100.0	87.6	
90 n-Butyl acetate	73	8.417	8.417	0.000	98	9615	20.0	18.1	
91 Chlorodibromomethane	129	8.448	8.448	0.000	98	61524	20.0	19.2	
92 Ethylene Dibromide	107	8.551	8.551	0.000	99	48748	20.0	20.1	
* 93 Chlorobenzene-d5	117	8.941	8.941	0.000	85	420211	50.0	50.0	
94 Chlorobenzene	112	8.966	8.966	0.000	97	187752	20.0	18.9	
95 Ethylbenzene	106	9.033	9.033	0.000	98	106392	20.0	18.3	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.045	0.000	97	65048	20.0	18.4	
97 m-Xylene & p-Xylene	106	9.137	9.136	0.000	0	129687	20.0	18.9	
98 n-Butyl acrylate	73	9.454	9.453	0.001	97	33385	20.0	18.3	
99 o-Xylene	106	9.466	9.466	0.000	94	120435	20.0	18.1	
100 Styrene	104	9.490	9.490	0.000	97	198912	20.0	18.7	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	60732	20.0	18.1	
102 Bromoform	173	9.667	9.667	0.000	97	35921	20.0	18.4	
103 Isopropylbenzene	105	9.752	9.752	0.000	95	320483	20.0	18.5	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	187729	50.0	48.9	
105 Bromobenzene	156	10.027	10.027	0.000	90	79873	20.0	18.1	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.000	97	46971	20.0	17.1	
107 N-Propylbenzene	91	10.075	10.075	0.000	99	381519	20.0	17.3	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	97	13844	20.0	17.3	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	87	10459	20.0	16.5	
110 4-Ethyltoluene	105	10.161	10.161	0.000	99	314647	20.0	16.4	
111 2-Chlorotoluene	91	10.161	10.167	-0.006	95	244030	20.0	16.8	
112 1,3,5-Trimethylbenzene	105	10.216	10.216	0.000	96	264386	20.0	17.5	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	218873	20.0	17.2	
114 Butyl Methacrylate	87	10.283	10.283	0.000	88	68591	20.0	17.6	
115 tert-Butylbenzene	119	10.447	10.447	0.000	95	232684	20.0	17.1	
116 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	256567	20.0	17.1	
117 sec-Butylbenzene	105	10.612	10.612	0.000	99	350060	20.0	17.0	
118 4-Isopropyltoluene	119	10.715	10.715	0.000	98	294898	20.0	16.6	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	147573	20.0	16.7	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.001	94	237403	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	96	149241	20.0	16.8	
122 1,2,3-Trimethylbenzene	105	10.813	10.807	0.006	98	253145	20.0	16.7	
123 Benzyl chloride	126	10.904	10.911	-0.007	99	18317	20.0	16.5	
124 2,3-Dihydroindene	117	10.959	10.959	0.000	94	265087	20.0	18.5	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	163837	20.0	16.2	a
126 n-Butylbenzene	92	11.008	11.008	0.000	97	151580	20.0	16.2	
127 1,2-Dichlorobenzene	146	11.075	11.075	0.000	98	128541	20.0	17.4	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	97	232507	20.0	16.4	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.666	0.000	92	8869	20.0	18.7	
130 1,3,5-Trichlorobenzene	180	11.782	11.782	0.000	97	100003	20.0	16.2	
131 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	75207	20.0	17.7	
132 Hexachlorobutadiene	225	12.435	12.435	0.000	96	51280	20.0	15.9	
133 Naphthalene	128	12.587	12.587	0.000	99	121176	20.0	21.4	
134 1,2,3-Trichlorobenzene	180	12.843	12.843	0.000	96	61395	20.0	19.3	
S 135 1,2-Dichloroethene, Total	100				0		40.0	38.3	
S 136 1,3-Dichloropropene, Total	100				0		40.0	38.6	

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	37.0	
S 138 Total BTEX	1				0		100.0	93.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 17:12:34 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99237.D

Injection Date: 17-Oct-2022 19:22:30 Instrument ID: CVOAMS4 Operator ID:

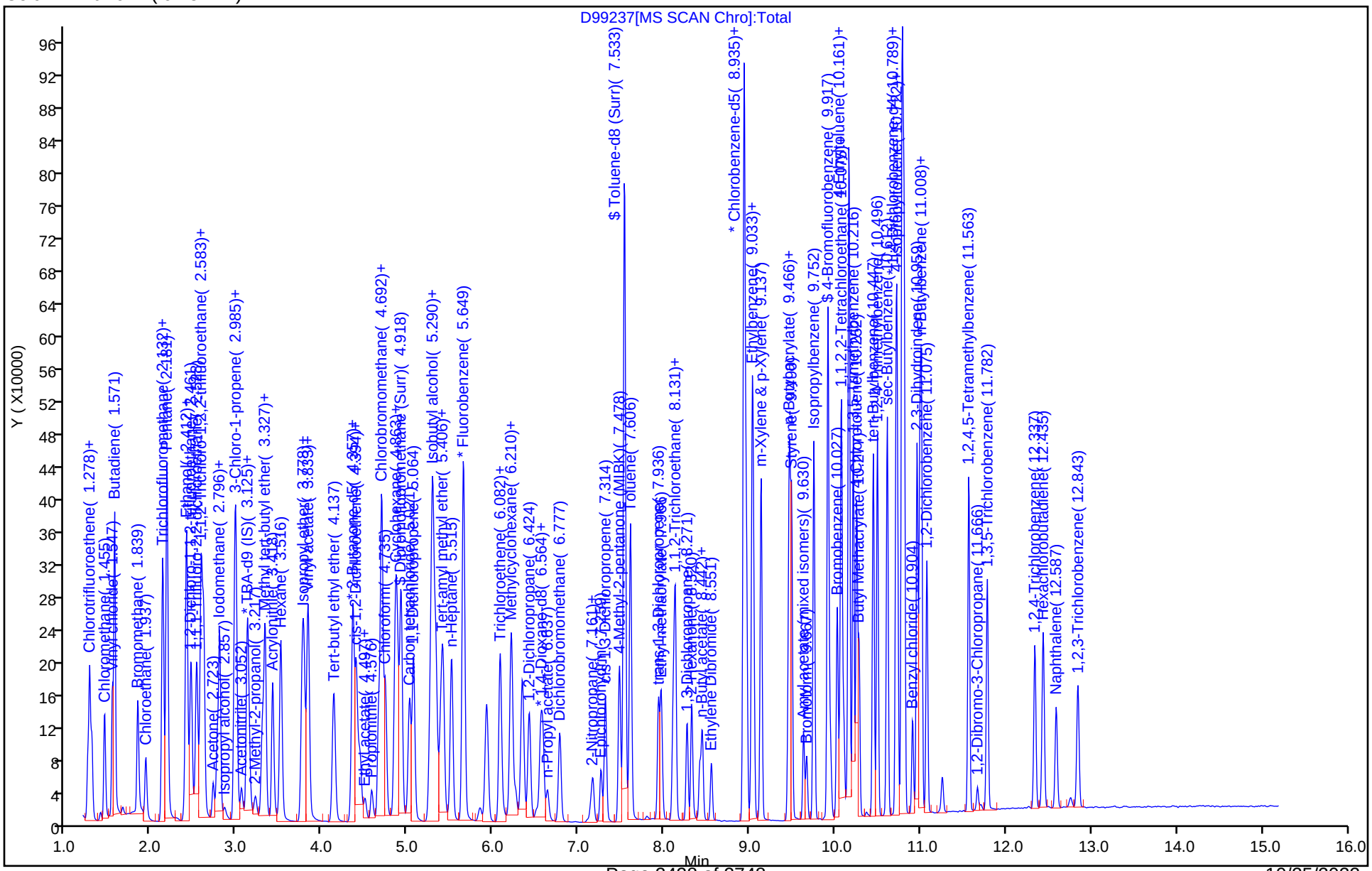
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99237.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 19:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151861-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:11:47 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 19:41:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.5	104.96
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.01
$ 82 Toluene-d8 (Surr)	50.0	51.1	102.22
$ 104 4-Bromofluorobenzene	50.0	48.9	97.89

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872456/3

Matrix: Solid | Lab File ID: K39177.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 20:13

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872456 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0226		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0207		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0196		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0226		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0233		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0199		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0212		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0239		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0263		0.0010	0.00039
108-90-7	Chlorobenzene	0.0196		0.0010	0.00018
75-00-3	Chloroethane	0.0197		0.0010	0.00052
67-66-3	Chloroform	0.0218		0.0010	0.00097
74-87-3	Chloromethane	0.0195		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0220		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0201		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0285		0.0010	0.00019
75-09-2	Methylene Chloride	0.0214		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0191		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0224		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0200		0.0010	0.00027
79-01-6	Trichloroethene	0.0204		0.0010	0.00032
75-01-4	Vinyl chloride	0.0208		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39177.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 20:13:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151865-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:57:15 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 12:54:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.150	1.150	0.000	74	11005	20.0	3.23	
5 Chlorodifluoromethane	67	1.173	1.173	0.000	94	18847	20.0	14.3	
4 Dichlorodifluoromethane	85	1.173	1.173	0.000	90	168884	20.0	17.3	
6 Chloromethane	50	1.298	1.287	0.011	98	176360	20.0	19.5	
7 Butadiene	54	1.367	1.356	0.011	93	132564	20.0	23.6	
8 Vinyl chloride	62	1.367	1.367	0.000	89	136206	20.0	20.8	
9 Bromomethane	94	1.584	1.573	0.011	99	134675	20.0	21.3	
10 Chloroethane	64	1.618	1.618	0.000	99	85132	20.0	19.7	
11 Dichlorofluoromethane	67	1.767	1.756	0.011	99	260204	20.0	21.8	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	51	200079	20.0	20.0	
13 Pentane	72	1.824	1.813	0.011	96	39192	40.0	28.9	
14 Ethanol	46	1.995	1.950	0.045	67	11748	800.0	450.3	
15 Ethyl ether	59	1.961	1.950	0.011	94	71581	20.0	19.1	
16 2-Methyl-1,3-butadiene	53	1.984	1.973	0.011	92	101510	20.0	24.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.995	1.996	-0.001	88	106985	20.0	19.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.041	2.030	0.011	89	168707	20.0	19.3	a
19 Acrolein	56	2.053	2.053	0.000	96	211825	300.0	251.3	
21 1,1-Dichloroethene	96	2.133	2.121	0.012	97	103111	20.0	23.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.155	2.144	0.011	95	130712	20.0	23.8	
22 Acetone	43	2.167	2.167	0.000	87	160652	100.0	105.2	
23 Iodomethane	142	2.235	2.236	-0.001	97	203761	20.0	23.0	
25 Carbon disulfide	76	2.281	2.281	0.000	99	374036	20.0	24.3	
24 Isopropyl alcohol	45	2.304	2.316	-0.012	24	43226	200.0	223.2	M
26 3-Chloro-1-propene	39	2.384	2.373	0.011	88	122676	20.0	21.3	
27 Methyl acetate	43	2.396	2.396	0.000	98	105328	40.0	36.0	
29 Acetonitrile	39	2.441	2.441	0.000	25	69767	200.0	165.7	a
28 Cyclopentene	67	2.441	2.441	0.000	92	252690	20.0	22.8	
31 Methylene Chloride	84	2.464	2.464	0.000	89	122187	20.0	21.4	
* 30 TBA-d9 (IS)	65	2.567	2.567	0.000	85	490150	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.396	2.624	-0.228	29	12926	200.0	20.0	
35 Acrylonitrile	53	2.647	2.647	0.000	95	335690	200.0	220.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	92	111882	20.0	22.4	
33 Methyl tert-butyl ether	73	2.693	2.693	0.000	96	318157	20.0	23.1	
36 Hexane	43	2.898	2.899	-0.001	94	73767	20.0	20.7	
38 1,1-Dichloroethane	63	3.013	3.001	0.012	100	181291	20.0	22.6	
39 Vinyl acetate	86	3.047	3.047	0.000	99	28315	40.0	36.3	
37 Isopropyl ether	45	3.070	3.070	0.000	91	290020	20.0	22.0	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	88	97891	20.0	22.0	
41 Tert-butyl ethyl ether	87	3.378	3.379	-0.001	90	130481	20.0	21.5	
* 42 2-Butanone-d5	46	3.470	3.436	0.034	80	351596	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.504	3.504	0.000	98	121395	20.0	22.0	
43 2,2-Dichloropropane	79	3.516	3.504	0.012	84	48990	20.0	19.7	
46 2-Butanone (MEK)	72	3.504	3.516	-0.012	96	57244	100.0	98.2	a
45 Ethyl acetate	70	3.573	3.550	0.023	93	17668	40.0	43.6	
48 Propionitrile	54	3.573	3.573	0.000	91	128300	200.0	157.0	
47 Methyl acrylate	55	3.573	3.573	0.000	74	83090	20.0	23.3	Ma
51 Methacrylonitrile	67	3.710	3.710	0.000	88	367345	200.0	217.8	
50 Chlorobromomethane	128	3.710	3.710	0.000	56	57377	20.0	21.0	
49 Tetrahydrofuran	72	3.767	3.767	0.000	68	29389	40.0	37.8	
52 Chloroform	83	3.790	3.790	0.000	99	184354	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.939	-0.001	94	228165	50.0	53.3	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	97	157002	20.0	22.6	
53 Cyclohexane	84	4.030	4.030	0.000	86	182090	20.0	21.8	
57 1,1-Dichloropropene	75	4.121	4.122	-0.001	97	132390	20.0	21.5	
56 Carbon tetrachloride	117	4.133	4.133	0.000	97	112459	20.0	26.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	232410	50.0	53.9	
58 Isobutyl alcohol	74	4.327	4.327	0.000	91	31014	500.0	416.9	
60 Benzene	78	4.327	4.327	0.000	94	395211	20.0	20.2	
64 1,2-Dichloroethane	62	4.339	4.327	0.012	97	118969	20.0	19.9	
59 Isooctane	57	4.419	4.419	0.000	91	339020	20.0	19.2	
62 Isopropyl acetate	61	4.430	4.430	0.000	89	31654	20.0	21.6	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	99	329887	20.0	22.7	
* 66 Fluorobenzene	96	4.601	4.602	-0.001	99	813093	50.0	50.0	
65 n-Heptane	43	4.613	4.624	-0.011	92	118104	20.0	19.0	
68 n-Butanol	56	4.956	4.956	0.000	95	40198	500.0	454.7	
69 Trichloroethene	95	5.001	5.002	-0.001	99	94379	20.0	20.4	
70 Ethyl acrylate	55	5.127	5.127	0.000	97	74364	20.0	19.3	
71 Methylcyclohexane	83	5.219	5.219	0.000	93	193405	20.0	20.5	
72 1,2-Dichloropropane	63	5.241	5.242	-0.001	84	91061	20.0	21.2	
* 73 1,4-Dioxane-d8	96	5.344	5.345	-0.001	37	47161	1000.0	1000.0	
77 Dibromomethane	93	5.367	5.367	0.000	94	57643	20.0	21.4	
75 1,4-Dioxane	88	5.413	5.402	0.011	32	29040	400.0	465.5	
74 Methyl methacrylate	69	5.402	5.402	0.000	82	94937	40.0	44.9	
76 n-Propyl acetate	43	5.482	5.482	0.000	97	87606	20.0	22.2	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	112636	20.0	23.9	
79 2-Nitropropane	41	5.847	5.847	0.000	98	20851	40.0	70.0	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	89	8761	20.0	39.9	
80 Epichlorohydrin	57	6.007	6.007	0.000	100	151237	400.0	409.2	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	92	122986	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.339	6.350	-0.011	96	407746	100.0	99.9	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	819533	50.0	48.5	
84 Toluene	91	6.533	6.533	0.000	93	388467	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	97	99379	20.0	20.0	

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	7.013	7.025	-0.012	86	83718	20.0	18.6	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	60938	20.0	19.6	
88 Tetrachloroethene	166	7.265	7.265	0.000	95	81354	20.0	19.1	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	91	118033	20.0	19.8	
90 2-Hexanone	43	7.482	7.482	0.000	96	235279	100.0	122.8	
92 Chlorodibromomethane	129	7.619	7.608	0.011	97	65949	20.0	28.5	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	79986	20.0	22.4	
93 Ethylene Dibromide	107	7.756	7.756	0.000	99	70412	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	84	552178	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	98	242926	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	93	78983	20.0	22.8	
96 Ethylbenzene	106	8.682	8.682	0.000	97	137980	20.0	19.3	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	166580	20.0	18.7	
100 o-Xylene	106	9.345	9.345	0.000	94	188478	20.0	19.1	
101 Styrene	104	9.368	9.368	0.000	96	261706	20.0	18.7	
99 n-Butyl acrylate	73	9.379	9.379	0.000	97	46034	20.0	23.0	
103 Bromoform	173	9.539	9.551	-0.012	92	35092	20.0	29.3	
102 Amyl acetate (mixed isomers)	43	9.653	9.654	-0.001	92	88142	20.0	30.0	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	473845	20.0	18.7	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	86	204845	50.0	47.8	
106 Bromobenzene	156	10.053	10.054	-0.001	96	95369	20.0	18.5	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	98	115525	20.0	20.7	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	96	29876	20.0	18.5	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	74	18761	20.0	18.3	
108 N-Propylbenzene	91	10.202	10.202	0.000	100	517619	20.0	18.6	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	311446	20.0	18.8	
112 4-Ethyltoluene	105	10.316	10.316	0.000	100	429601	20.0	18.7	
114 4-Chlorotoluene	91	10.373	10.374	-0.001	98	322379	20.0	18.5	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	92	395818	20.0	18.3	
115 Butyl Methacrylate	87	10.511	10.522	-0.011	89	91322	20.0	28.9	
116 tert-Butylbenzene	119	10.682	10.682	0.000	93	307838	20.0	17.7	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	412247	20.0	18.2	
118 sec-Butylbenzene	105	10.876	10.877	0.000	99	516037	20.0	18.5	
120 1,3-Dichlorobenzene	146	10.956	10.957	-0.001	97	188393	20.0	18.6	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.014	-0.001	96	299248	50.0	50.0	
119 4-Isopropyltoluene	119	11.013	11.014	-0.001	90	433049	20.0	18.1	
122 1,4-Dichlorobenzene	146	11.036	11.037	-0.001	95	192767	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	438727	20.0	18.3	
124 Benzyl chloride	91	11.162	11.162	0.000	99	98690	20.0	22.3	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	409278	20.0	19.0	
126 p-Diethylbenzene	119	11.334	11.345	-0.011	92	213791	20.0	16.3	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	96	200814	20.0	18.3	
127 n-Butylbenzene	92	11.356	11.357	-0.001	98	226509	20.0	16.7	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	442631	20.0	18.2	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	88	20419	20.0	17.9	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	95	151770	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	12.579	12.580	-0.001	94	142815	20.0	16.9	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	88	51642	20.0	16.5	
134 Naphthalene	128	12.751	12.751	0.000	99	480898	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	96	159650	20.0	18.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.4	
S 137 Xylenes, Total	100				0		40.0	37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	96.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

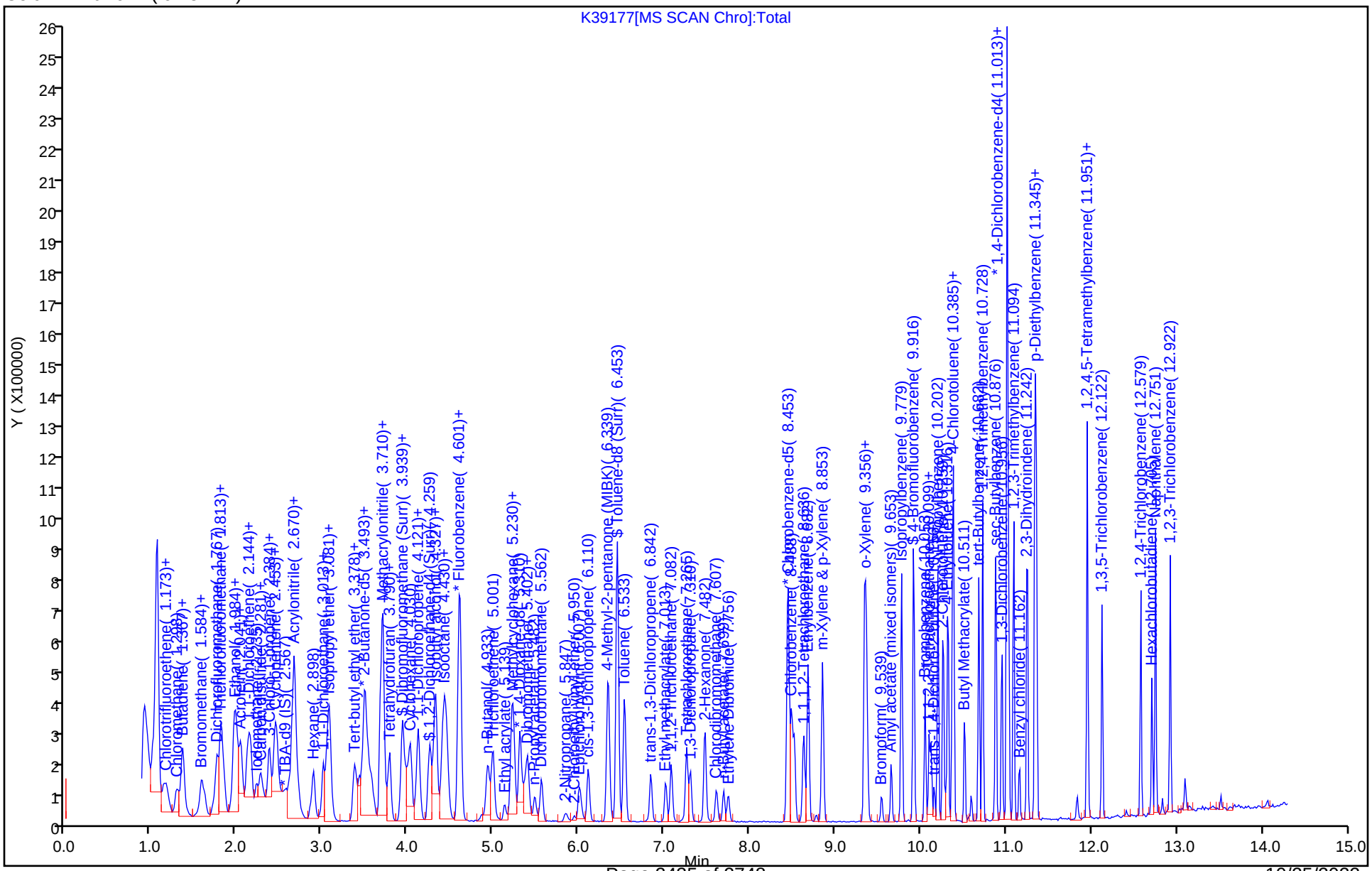
Report Date: 18-Oct-2022 12:57:16 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39177.D

Injection Date:	17-Oct-2022 20:13:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39177.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2022 20:13:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151865-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:57:15 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: NN6A Date: 18-Oct-2022 12:54:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.3	106.57
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	53.9	107.75
$ 83 Toluene-d8 (Surr)	50.0	48.5	96.99
$ 105 4-Bromofluorobenzene	50.0	47.8	95.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872520/4

Matrix: Solid | Lab File ID: D99268.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 07:26

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0204		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0170		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0185		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0202		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0211		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0189		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0210		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0197		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0203		0.0010	0.00039
108-90-7	Chlorobenzene	0.0189		0.0010	0.00018
75-00-3	Chloroethane	0.0213		0.0010	0.00052
67-66-3	Chloroform	0.0196		0.0010	0.00097
74-87-3	Chloromethane	0.0216		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0199		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0198		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0186		0.0010	0.00019
75-09-2	Methylene Chloride	0.0203		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0193		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0201		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0185		0.0010	0.00027
79-01-6	Trichloroethene	0.0210		0.0010	0.00032
75-01-4	Vinyl chloride	0.0229		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99268.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 07:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151878-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:35:03 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 07:46:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	89	81239	20.0	19.5	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	95	77086	20.0	19.3	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	99	223084	20.0	21.0	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	98	183614	20.0	20.2	
6 Chloromethane	50	1.449	1.449	0.000	99	179356	20.0	21.6	
8 Vinyl chloride	62	1.540	1.540	0.000	99	203231	20.0	22.9	
7 Butadiene	54	1.571	1.571	0.000	95	202082	20.0	23.1	
9 Bromomethane	94	1.839	1.839	0.000	99	124026	20.0	19.1	
10 Chloroethane	64	1.931	1.937	-0.006	99	89333	20.0	21.3	
13 Trichlorofluoromethane	101	2.132	2.132	0.000	99	211023	20.0	21.6	
11 Dichlorofluoromethane	67	2.132	2.132	0.000	99	223161	20.0	21.0	
12 Pentane	72	2.181	2.181	0.000	96	48308	40.0	41.7	
15 Ethanol	46	2.382	2.382	0.000	96	10373	800.0	864.5	
14 Ethyl ether	59	2.400	2.400	0.000	94	65097	20.0	20.1	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	98	108977	20.0	20.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.461	0.000	85	104475	20.0	19.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.528	0.000	95	160710	20.0	19.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	96	136327	20.0	21.6	
19 Acrolein	56	2.583	2.583	0.000	97	99628	300.0	271.9	
21 1,1-Dichloroethene	96	2.613	2.613	0.000	98	114002	20.0	21.1	
22 Acetone	43	2.717	2.723	-0.006	87	70355	100.0	91.1	
23 Iodomethane	142	2.766	2.772	-0.006	99	159548	20.0	18.5	
24 Carbon disulfide	76	2.796	2.796	0.000	99	390696	20.0	20.7	
25 Isopropyl alcohol	45	2.857	2.857	0.000	98	26712	200.0	176.4	
26 3-Chloro-1-propene	76	2.973	2.973	0.000	88	67622	20.0	20.4	
28 Cyclopentene	67	2.985	2.985	0.000	94	283398	20.0	20.4	
27 Methyl acetate	43	2.998	2.997	0.001	98	71525	40.0	39.2	
29 Acetonitrile	40	3.052	3.052	0.000	97	30861	200.0	191.9	
30 Methylene Chloride	84	3.119	3.119	0.000	90	107164	20.0	20.3	
* 31 TBA-d9 (IS)	65	3.132	3.132	0.000	0	206544	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.211	3.217	-0.006	99	46608	200.0	175.3	

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	3.296	3.296	0.000	96	200267	20.0	20.1	
34 trans-1,2-Dichloroethene	96	3.327	3.327	0.000	93	118950	20.0	20.1	
35 Acrylonitrile	53	3.418	3.418	0.000	94	170573	200.0	177.9	
36 Hexane	57	3.510	3.510	0.000	93	168982	20.0	21.7	
37 Isopropyl ether	45	3.760	3.766	-0.006	97	249666	20.0	20.7	
38 1,1-Dichloroethane	63	3.784	3.784	0.000	99	188538	20.0	20.2	
39 Vinyl acetate	86	3.821	3.820	0.001	99	24574	40.0	34.5	
40 2-Chloro-1,3-butadiene	88	3.833	3.833	0.000	90	102059	20.0	20.4	
41 Tert-butyl ethyl ether	59	4.131	4.131	0.000	90	224232	20.0	20.5	
43 2,2-Dichloropropane	79	4.351	4.351	0.000	95	53107	20.0	20.0	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	95	196919	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.394	4.394	0.000	98	115669	20.0	19.9	
45 2-Butanone (MEK)	72	4.424	4.424	0.000	100	26550	100.0	87.3	
46 Ethyl acetate	70	4.448	4.442	0.006	98	9984	40.0	34.9	
47 Methyl acrylate	55	4.497	4.497	0.000	99	38705	20.0	18.2	
48 Propionitrile	54	4.576	4.576	0.000	98	55811	200.0	180.9	
49 Chlorobromomethane	128	4.656	4.656	0.000	79	50309	20.0	20.6	
50 Tetrahydrofuran	72	4.656	4.662	-0.006	59	10961	40.0	39.0	
51 Methacrylonitrile	67	4.692	4.692	0.000	91	207885	200.0	182.4	
52 Chloroform	83	4.735	4.735	0.000	99	175477	20.0	19.6	
53 Cyclohexane	84	4.851	4.851	0.000	89	167828	20.0	21.2	
54 1,1,1-Trichloroethane	97	4.875	4.875	0.000	98	167699	20.0	20.4	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	241393	50.0	54.7	
56 Carbon tetrachloride	117	5.015	5.015	0.000	97	151942	20.0	20.3	
57 1,1-Dichloropropene	75	5.064	5.064	0.000	98	150985	20.0	21.6	
58 Isobutyl alcohol	43	5.271	5.277	-0.006	83	94591	500.0	407.0	a
59 Benzene	78	5.290	5.290	0.000	96	391323	20.0	19.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	190979	50.0	50.8	
61 Tert-amyl methyl ether	87	5.393	5.393	0.000	91	57624	20.0	19.4	
63 1,2-Dichloroethane	62	5.412	5.412	0.000	96	95700	20.0	18.9	
62 Isopropyl acetate	61	5.412	5.412	0.000	97	29409	20.0	18.8	
64 n-Heptane	43	5.509	5.509	0.000	90	148767	20.0	21.5	
* 65 Fluorobenzene	96	5.649	5.649	0.000	99	628902	50.0	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	97	108612	20.0	21.0	
66 n-Butanol	56	6.113	6.113	0.000	84	13844	500.0	279.9	
68 Methylcyclohexane	83	6.210	6.204	0.006	94	182583	20.0	21.4	
69 Ethyl acrylate	55	6.259	6.259	0.000	99	43969	20.0	19.7	
70 1,2-Dichloropropane	63	6.418	6.418	0.000	91	85914	20.0	21.0	
* 71 1,4-Dioxane-d8	96	6.509	6.503	0.006	0	20874	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.552	0.000	85	26780	40.0	37.1	
73 1,4-Dioxane	88	6.576	6.576	0.000	38	10935	400.0	297.1	
74 Dibromomethane	93	6.576	6.576	0.000	93	46042	20.0	19.1	
75 n-Propyl acetate	43	6.631	6.631	0.000	98	53516	20.0	18.4	
76 Dichlorobromomethane	83	6.777	6.777	0.000	99	112962	20.0	19.7	
77 2-Nitropropane	41	7.143	7.137	0.006	98	22705	40.0	36.6	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	30409	20.0	19.7	
79 Epichlorohydrin	57	7.259	7.259	0.000	98	77647	400.0	364.4	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	90	130357	20.0	19.8	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.472	0.000	96	183479	100.0	94.1	
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	785949	50.0	52.1	
83 Toluene	91	7.600	7.600	0.000	92	390038	20.0	18.8	
84 trans-1,3-Dichloropropene	75	7.929	7.929	0.000	95	101476	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
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	64608	20.0	19.0	
86 1,1,2-Trichloroethane	83	8.106	8.100	0.006	95	50179	20.0	18.5	
87 Tetrachloroethene	166	8.125	8.124	0.001	98	113942	20.0	19.3	
88 1,3-Dichloropropane	76	8.265	8.265	0.000	92	95678	20.0	19.6	
89 2-Hexanone	43	8.320	8.320	0.000	95	116812	100.0	92.5	
90 n-Butyl acetate	73	8.417	8.417	0.000	98	12330	20.0	18.6	
91 Chlorodibromomethane	129	8.442	8.442	0.000	98	74219	20.0	18.6	
92 Ethylene Dibromide	107	8.551	8.551	0.000	99	58975	20.0	19.5	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	524131	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	97	234961	20.0	18.9	
95 Ethylbenzene	106	9.027	9.027	0.000	98	132468	20.0	18.2	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.045	0.000	97	79506	20.0	18.1	
97 m-Xylene & p-Xylene	106	9.130	9.130	0.000	0	165090	20.0	19.2	
98 n-Butyl acrylate	73	9.447	9.447	0.000	97	39183	20.0	17.2	
99 o-Xylene	106	9.466	9.466	0.000	94	152376	20.0	18.4	
100 Styrene	104	9.490	9.490	0.000	97	245431	20.0	18.5	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	90	74924	20.0	18.2	
102 Bromoform	173	9.667	9.667	0.000	97	42259	20.0	17.4	
103 Isopropylbenzene	105	9.752	9.752	0.000	95	410829	20.0	19.0	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	238419	50.0	50.6	
105 Bromobenzene	156	10.027	10.027	0.000	91	98440	20.0	18.2	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.000	99	57365	20.0	17.0	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	492631	20.0	18.2	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	95	16348	20.0	16.7	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	87	11920	20.0	15.4	
110 4-Ethyltoluene	105	10.161	10.161	0.000	97	409272	20.0	17.3	
111 2-Chlorotoluene	91	10.161	10.161	0.000	88	305834	20.0	17.1	
112 1,3,5-Trimethylbenzene	105	10.210	10.209	0.001	93	332677	20.0	18.0	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	281452	20.0	18.0	
114 Butyl Methacrylate	87	10.277	10.277	0.001	89	84804	20.0	17.7	
115 tert-Butylbenzene	119	10.447	10.447	0.000	95	306936	20.0	18.4	
116 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	331885	20.0	18.0	
117 sec-Butylbenzene	105	10.612	10.606	0.006	99	466537	20.0	18.5	
118 4-Isopropyltoluene	119	10.716	10.715	0.001	98	391150	20.0	17.9	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	188781	20.0	17.4	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.001	94	291539	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	96	185640	20.0	17.0	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	321374	20.0	17.2	
123 Benzyl chloride	126	10.905	10.904	0.001	99	22019	20.0	16.1	
124 2,3-Dihydroindene	117	10.959	10.959	0.000	93	333420	20.0	19.5	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	219610	20.0	17.7	
126 n-Butylbenzene	92	11.008	11.008	0.000	96	204412	20.0	17.8	
127 1,2-Dichlorobenzene	146	11.075	11.075	0.000	98	163582	20.0	18.0	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	98	312071	20.0	17.9	
129 1,2-Dibromo-3-Chloropropane	157	11.667	11.666	0.001	90	10671	20.0	18.3	
130 1,3,5-Trichlorobenzene	180	11.782	11.782	0.000	97	130194	20.0	17.2	
131 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	95588	20.0	18.3	
132 Hexachlorobutadiene	225	12.435	12.435	0.000	96	73294	20.0	18.5	
133 Naphthalene	128	12.587	12.587	0.000	99	142283	20.0	20.5	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	74638	20.0	19.1	
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 136 1,3-Dichloropropene, Total	100				0		40.0	38.3	

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	37.6	
S 138 Total BTEX	1				0		100.0	94.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 14:35:54 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99268.D

Injection Date: 18-Oct-2022 07:26:30 Instrument ID: CVOAMS4 Operator ID:

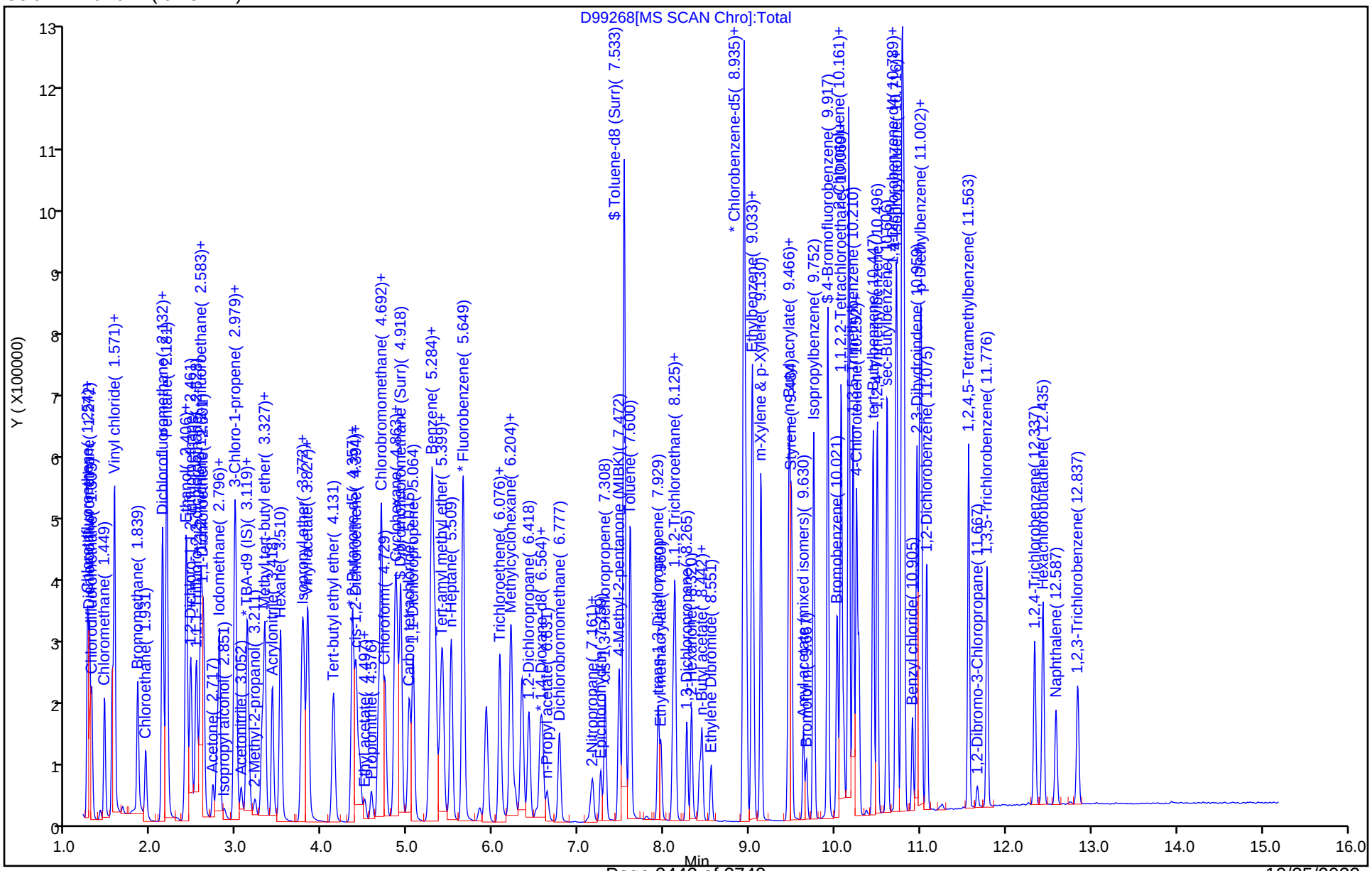
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99268.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 07:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151878-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:35:03 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 07:46:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.7	109.39
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.8	101.58
$ 82 Toluene-d8 (Surr)	50.0	52.1	104.26
$ 104 4-Bromofluorobenzene	50.0	50.6	101.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872551/3

Matrix: Solid | Lab File ID: O82879.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 08:51

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 872551 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.03		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	1.07		0.050	0.0099
79-00-5	1,1,2-Trichloroethane	0.932		0.050	0.010
75-34-3	1,1-Dichloroethane	0.928		0.050	0.012
75-35-4	1,1-Dichloroethene	0.917		0.050	0.013
107-06-2	1,2-Dichloroethane	0.892		0.050	0.013
78-87-5	1,2-Dichloropropane	1.08		0.050	0.0090
75-27-4	Bromodichloromethane	0.978		0.050	0.0075
56-23-5	Carbon tetrachloride	0.990		0.050	0.017
108-90-7	Chlorobenzene	0.944		0.050	0.012
75-00-3	Chloroethane	1.13		0.050	0.019
67-66-3	Chloroform	0.943		0.050	0.011
74-87-3	Chloromethane	1.18		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.901		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.924		0.050	0.011
124-48-1	Dibromochloromethane	0.894		0.050	0.011
75-09-2	Methylene Chloride	1.19		0.050	0.011
127-18-4	Tetrachloroethene	0.965		0.050	0.018
156-60-5	trans-1,2-Dichloroethene	0.870		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.979		0.050	0.011
79-01-6	Trichloroethene	1.03		0.050	0.011
75-01-4	Vinyl chloride	1.09		0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		68-150
460-00-4	Bromofluorobenzene	93		70-150
1868-53-7	Dibromofluoromethane (Surr)	91		68-150
2037-26-5	Toluene-d8 (Surr)	96		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82879.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 08:51:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0151895-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:47:44 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: RD6L Date: 18-Oct-2022 10:50:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	87	24692	20.0	31.8	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	78850	20.0	25.9	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	12139	20.0	21.6	
6 Chloromethane	50	0.947	0.958	-0.011	98	60559	20.0	23.6	
7 Vinyl chloride	62	0.981	0.981	0.000	97	59050	20.0	21.8	
8 Butadiene	54	0.993	0.993	0.000	94	41416	20.0	17.4	
9 Bromomethane	94	1.141	1.141	0.000	99	47779	20.0	24.4	
10 Chloroethane	64	1.187	1.187	0.000	98	40166	20.0	22.7	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	106209	20.0	22.5	
12 Trichlorofluoromethane	101	1.312	1.312	0.000	98	84092	20.0	19.8	
13 Pentane	57	1.358	1.358	0.000	95	18362	40.0	41.6	
14 Ethanol	46	1.415	1.415	0.000	96	7260	800.0	906.3	
15 Ethyl ether	59	1.461	1.461	0.000	91	27284	20.0	17.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	90	43331	20.0	17.9	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	92	39432	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.506	-0.011	93	56613	20.0	17.2	
19 Acrolein	56	1.529	1.529	0.000	92	5764	40.0	45.9	
20 1,1-Dichloroethene	96	1.586	1.586	0.000	95	41286	20.0	18.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.586	0.000	98	45429	20.0	20.5	
22 Acetone	58	1.609	1.609	0.000	89	9425	100.0	94.9	
23 Iodomethane	142	1.666	1.666	0.000	97	111408	20.0	28.5	
24 Isopropyl alcohol	45	1.701	1.701	0.001	26	9002	200.0	164.2	
25 Carbon disulfide	76	1.701	1.701	0.001	99	171741	20.0	23.0	
27 3-Chloro-1-propene	76	1.781	1.780	0.001	91	30456	20.0	19.5	
26 Acetonitrile	38	1.781	1.780	0.001	90	14147	200.0	249.3	
28 Methyl acetate	43	1.803	1.803	0.000	99	16907	40.0	31.3	
29 Cyclopentene	67	1.838	1.838	0.000	95	85045	20.0	16.3	
30 Methylene Chloride	84	1.860	1.860	0.000	85	66456	20.0	23.8	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	90098	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	19829	200.0	184.1	
33 Acrylonitrile	53	1.997	1.997	0.000	94	90755	200.0	164.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	93	44135	20.0	17.4	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	113069	20.0	18.5	
36 Hexane	57	2.214	2.214	0.000	91	39166	20.0	23.4	
37 1,1-Dichloroethane	63	2.283	2.294	-0.011	99	78752	20.0	18.6	
38 Vinyl acetate	86	2.340	2.340	0.000	100	14803	40.0	133.8	
39 Isopropyl ether	45	2.351	2.351	0.000	85	135888	20.0	21.1	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	89	53416	20.0	22.5	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	144800	20.0	20.9	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	98952	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	93	19243	20.0	27.3	
45 cis-1,2-Dichloroethene	96	2.694	2.705	-0.011	98	50728	20.0	18.0	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	98	16950	100.0	118.8	
42 Propionitrile	54	2.751	2.751	0.000	94	35046	200.0	242.2	
47 Ethyl acetate	70	2.785	2.785	0.000	99	6529	40.0	47.5	
48 Methyl acrylate	55	2.808	2.808	0.000	99	27397	20.0	17.8	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	107965	200.0	162.6	
49 Chlorobromomethane	128	2.877	2.876	0.001	77	29949	20.0	20.1	
51 Tetrahydrofuran	42	2.922	2.922	0.000	76	10013	40.0	34.7	
52 Chloroform	83	2.945	2.945	0.000	99	81840	20.0	18.9	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	97	109788	50.0	45.4	
54 1,1,1-Trichloroethane	97	3.093	3.093	0.000	97	83308	20.0	20.5	
55 Cyclohexane	84	3.139	3.139	0.000	85	67209	20.0	22.4	
56 Carbon tetrachloride	117	3.230	3.230	0.000	97	66772	20.0	19.8	
57 1,1-Dichloropropene	75	3.230	3.230	0.000	96	72440	20.0	22.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	105983	50.0	43.9	
61 Isobutyl alcohol	43	3.379	3.379	0.000	95	19171	500.0	521.7	
59 Benzene	78	3.402	3.402	0.000	95	231065	20.0	20.2	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	99	56997	20.0	17.8	
62 Isooctane	57	3.504	3.504	0.000	96	89884	20.0	25.4	
63 Isopropyl acetate	61	3.516	3.516	0.000	95	13715	20.0	20.0	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	146676	20.0	21.0	
* 65 Fluorobenzene	96	3.653	3.664	-0.011	99	477711	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	86	31033	20.0	27.1	
67 Trichloroethene	95	4.007	4.007	0.000	96	60087	20.0	20.5	
68 n-Butanol	56	4.053	4.052	0.000	94	10715	500.0	390.7	
69 Ethyl acrylate	55	4.190	4.189	0.001	99	84923	20.0	21.6	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	61308	20.0	24.1	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	51898	20.0	21.6	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	27597	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	28076	20.0	18.2	
74 1,4-Dioxane	88	4.384	4.383	0.001	39	13137	400.0	442.5	
75 Methyl methacrylate	100	4.406	4.406	0.000	79	27413	40.0	44.8	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	44429	20.0	20.8	
77 Dichlorobromomethane	83	4.521	4.520	0.001	99	63309	20.0	19.6	
78 2-Nitropropane	41	4.772	4.772	0.000	96	10921	40.0	23.6	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	92	26788	20.0	17.4	
80 Epichlorohydrin	57	4.932	4.943	-0.011	98	67705	400.0	554.4	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	84448	20.0	18.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	164880	100.0	143.6	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.001	99	546758	50.0	48.2	
84 Toluene	91	5.423	5.422	0.001	93	273131	20.0	20.9	
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	96	76970	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
86 Ethyl methacrylate	69	5.913	5.913	0.000	86	63035	20.0	19.0	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	39834	20.0	18.6	
88 Tetrachloroethene	166	6.096	6.096	0.000	95	58432	20.0	19.3	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	90	83766	20.0	19.2	
90 2-Hexanone	43	6.324	6.324	0.000	93	106730	100.0	131.3	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	51292	20.0	17.9	
93 Ethylene Dibromide	107	6.541	6.541	0.000	100	52746	20.0	18.8	
92 n-Butyl acetate	43	6.564	6.564	0.000	96	50331	20.0	16.5	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	451206	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	97	179377	20.0	18.9	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	54637	20.0	18.1	
97 Ethylbenzene	106	7.466	7.466	0.000	97	91869	20.0	21.0	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	112811	20.0	20.6	
99 o-Xylene	106	8.220	8.220	0.000	94	111242	20.0	20.1	
100 Styrene	104	8.254	8.254	0.000	97	183922	20.0	20.2	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	32093	20.0	16.7	
102 Bromoform	173	8.471	8.471	0.000	96	28391	20.0	15.4	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	94	58897	20.0	17.0	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	231775	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	161990	50.0	46.4	
106 Bromobenzene	156	9.202	9.201	0.001	93	76623	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	96	60618	20.0	21.4	
108 1,2,3-Trichloropropane	75	9.339	9.338	0.001	97	45686	20.0	18.3	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	90	19124	20.0	18.3	
110 N-Propylbenzene	91	9.476	9.475	0.001	100	226890	20.0	21.3	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	190685	20.0	21.0	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	207980	20.0	20.2	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	154782	20.0	20.4	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	181840	20.0	20.8	
115 Butyl Methacrylate	87	10.092	10.092	0.000	88	59585	20.0	18.6	
116 tert-Butylbenzene	119	10.298	10.297	0.001	95	137821	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	184073	20.0	20.3	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	179154	20.0	20.4	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	96	121464	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	239005	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.925	-0.011	96	124709	20.0	19.5	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	158271	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	11.051	11.062	-0.011	98	202921	20.0	20.2	
124 Benzyl chloride	126	11.177	11.177	0.000	99	20342	20.0	22.5	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	215946	20.0	19.7	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	96	121835	20.0	20.4	
127 p-Diethylbenzene	119	11.496	11.496	0.000	95	86099	20.0	21.5	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	73611	20.0	23.4	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.215	0.001	94	11700	20.0	16.9	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	167085	20.0	20.8	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	61365	20.0	20.4	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	95	55225	20.0	20.2	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	94	19435	20.0	20.5	
134 Naphthalene	128	12.946	12.946	0.000	99	178008	20.0	23.0	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	48199	20.0	19.2	
S 137 1,2-Dichloroethene, Total	100				0		40.0	35.4	
S 138 Xylenes, Total	100				0		40.0	40.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	102.9	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 12:47:45 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82879.d

Injection Date: 18-Oct-2022 08:51:30 Instrument ID: CVOAMS12 Operator ID:

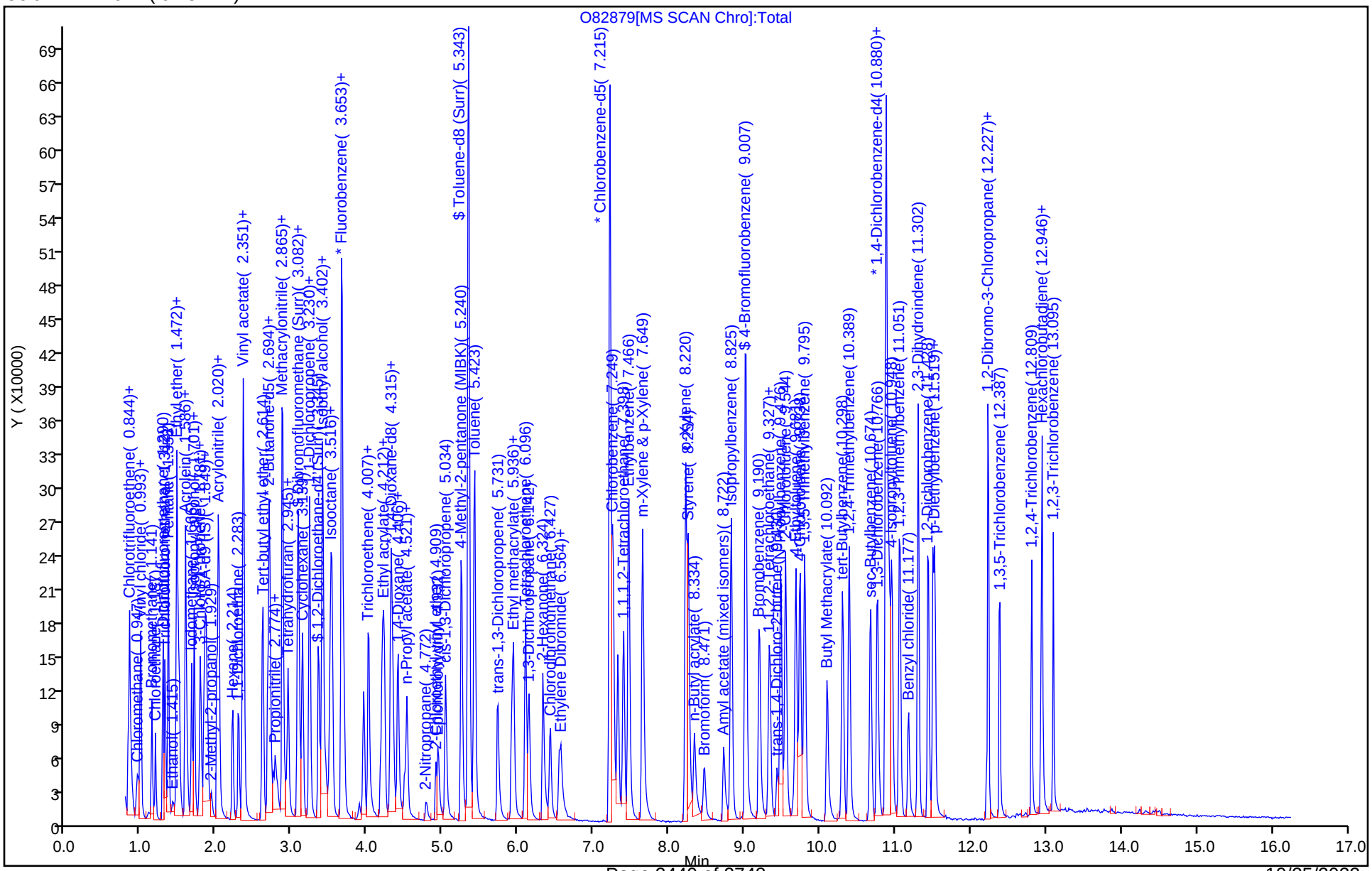
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82879.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 08:51:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0151895-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:47:44 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: RD6L Date: 18-Oct-2022 10:50:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.4	90.75
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	43.9	87.83
$ 83 Toluene-d8 (Surr)	50.0	48.2	96.39
$ 105 4-Bromofluorobenzene	50.0	46.4	92.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872654/4

Matrix: Solid | Lab File ID: D99300.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 19:39

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872654 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0218		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0175		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0184		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0221		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0234		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0208		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0218		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0208		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0218		0.0010	0.00039
108-90-7	Chlorobenzene	0.0183		0.0010	0.00018
75-00-3	Chloroethane	0.0218		0.0010	0.00052
67-66-3	Chloroform	0.0211		0.0010	0.00097
74-87-3	Chloromethane	0.0222		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0216		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0187		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0177		0.0010	0.00019
75-09-2	Methylene Chloride	0.0225		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0180		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0220		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0176		0.0010	0.00027
79-01-6	Trichloroethene	0.0218		0.0010	0.00032
75-01-4	Vinyl chloride	0.0235		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		72-145
460-00-4	Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	118		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99300.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 19:39:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151912-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:06:17 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 20:01:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	88	73917	20.0	19.4	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	96	85657	20.0	23.5	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	99	216838	20.0	22.3	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	98	186590	20.0	22.5	
6 Chloromethane	50	1.449	1.449	0.000	99	168371	20.0	22.2	
8 Vinyl chloride	62	1.541	1.540	0.001	98	190694	20.0	23.5	
7 Butadiene	54	1.565	1.571	-0.006	95	194187	20.0	24.3	
9 Bromomethane	94	1.839	1.839	0.000	99	113753	20.0	19.2	
10 Chloroethane	64	1.931	1.930	0.001	100	83684	20.0	21.8	
13 Trichlorofluoromethane	101	2.126	2.132	-0.006	98	196131	20.0	22.0	
11 Dichlorofluoromethane	67	2.132	2.132	0.000	98	212204	20.0	21.9	
12 Pentane	72	2.181	2.180	0.001	96	50162	40.0	47.4	
15 Ethanol	46	2.382	2.382	0.000	92	11104	800.0	777.2	
14 Ethyl ether	59	2.400	2.400	0.000	90	64717	20.0	21.9	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	98	111724	20.0	23.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.461	0.000	92	107166	20.0	22.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.528	0.000	95	170442	20.0	22.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	94	137784	20.0	23.9	
19 Acrolein	56	2.583	2.583	0.000	97	125493	300.0	374.6	
21 1,1-Dichloroethene	96	2.607	2.613	-0.006	98	115728	20.0	23.4	
22 Acetone	43	2.717	2.723	-0.006	87	74698	100.0	85.5	
23 Iodomethane	142	2.766	2.766	0.000	99	153388	20.0	19.4	
24 Carbon disulfide	76	2.796	2.796	0.000	99	395175	20.0	22.9	
25 Isopropyl alcohol	45	2.857	2.857	0.000	98	27948	200.0	155.0	
26 3-Chloro-1-propene	76	2.967	2.973	-0.006	86	66769	20.0	22.0	
28 Cyclopentene	67	2.985	2.985	0.000	96	294760	20.0	23.2	
27 Methyl acetate	43	2.998	2.997	0.001	98	74760	40.0	44.8	
29 Acetonitrile	40	3.052	3.052	0.000	98	31398	200.0	163.9	
30 Methylene Chloride	84	3.113	3.119	-0.006	90	108933	20.0	22.5	
* 31 TBA-d9 (IS)	65	3.132	3.131	0.001	0	246053	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.211	3.217	-0.006	99	49432	200.0	156.1	

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	3.296	3.296	0.000	97	198623	20.0	21.8	
34 trans-1,2-Dichloroethene	96	3.327	3.327	0.000	93	119460	20.0	22.0	
35 Acrylonitrile	53	3.412	3.418	-0.006	93	183759	200.0	160.8	
36 Hexane	57	3.510	3.509	0.001	92	171532	20.0	24.1	
37 Isopropyl ether	45	3.760	3.765	-0.005	97	243196	20.0	22.1	
38 1,1-Dichloroethane	63	3.784	3.784	0.000	99	188959	20.0	22.1	
39 Vinyl acetate	86	3.821	3.820	0.001	99	25600	40.0	39.3	
40 2-Chloro-1,3-butadiene	88	3.833	3.833	0.000	91	96976	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.131	4.131	0.000	90	216218	20.0	21.6	
43 2,2-Dichloropropane	79	4.351	4.351	0.000	94	52862	20.0	21.7	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	95	222611	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.394	4.393	0.001	98	114489	20.0	21.6	
45 2-Butanone (MEK)	72	4.424	4.424	0.000	99	28742	100.0	83.6	
46 Ethyl acetate	70	4.442	4.442	0.000	97	10503	40.0	32.4	
47 Methyl acrylate	55	4.497	4.497	0.000	99	40556	20.0	20.8	
48 Propionitrile	54	4.570	4.576	-0.006	98	62985	200.0	180.6	
49 Chlorobromomethane	128	4.656	4.656	0.000	82	49179	20.0	22.0	
50 Tetrahydrofuran	72	4.656	4.656	0.000	89	11659	40.0	36.7	
51 Methacrylonitrile	67	4.686	4.692	-0.006	91	213707	200.0	205.1	
52 Chloroform	83	4.729	4.735	-0.006	99	172614	20.0	21.1	
53 Cyclohexane	84	4.851	4.851	0.000	90	165401	20.0	22.8	
54 1,1,1-Trichloroethane	97	4.875	4.875	0.000	98	163906	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	238420	50.0	59.1	
56 Carbon tetrachloride	117	5.015	5.015	0.000	97	149368	20.0	21.8	
57 1,1-Dichloropropene	75	5.058	5.064	-0.006	97	143472	20.0	22.4	
58 Isobutyl alcohol	43	5.272	5.277	-0.005	83	97469	500.0	352.4	
59 Benzene	78	5.290	5.290	0.000	96	375710	20.0	18.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	192004	50.0	55.9	
61 Tert-amyl methyl ether	87	5.393	5.393	0.000	95	56249	20.0	20.7	
63 1,2-Dichloroethane	62	5.412	5.412	0.000	97	96572	20.0	20.8	
62 Isopropyl acetate	61	5.406	5.412	-0.006	97	29752	20.0	20.8	
64 n-Heptane	43	5.503	5.509	-0.006	90	149898	20.0	23.7	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	574857	50.0	50.0	
67 Trichloroethene	95	6.070	6.076	-0.006	97	102691	20.0	21.8	
66 n-Butanol	56	6.107	6.113	-0.006	92	14474	500.0	245.6	
68 Methylcyclohexane	83	6.204	6.204	0.000	95	176871	20.0	22.7	
69 Ethyl acrylate	55	6.253	6.259	-0.006	99	48112	20.0	23.5	
70 1,2-Dichloropropane	63	6.412	6.417	-0.005	91	81763	20.0	21.8	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	25617	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.552	0.000	84	27254	40.0	41.3	
73 1,4-Dioxane	88	6.570	6.570	0.000	35	10962	400.0	242.6	M
74 Dibromomethane	93	6.576	6.576	0.000	94	45853	20.0	20.8	
75 n-Propyl acetate	43	6.631	6.631	0.000	98	53301	20.0	20.0	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	109273	20.0	20.8	
77 2-Nitropropane	41	7.137	7.143	-0.006	99	22322	40.0	39.3	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	93	30226	20.0	21.4	
79 Epichlorohydrin	57	7.253	7.259	-0.006	98	82018	400.0	340.5	
80 cis-1,3-Dichloropropene	75	7.308	7.307	0.001	91	123275	20.0	18.7	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.472	0.000	96	191965	100.0	87.0	
$ 82 Toluene-d8 (Surr)	98	7.527	7.533	-0.006	98	778785	50.0	51.6	
83 Toluene	91	7.600	7.600	0.000	93	389270	20.0	18.7	
84 trans-1,3-Dichloropropene	75	7.930	7.929	0.001	97	96299	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.960	7.960	0.000	88	65804	20.0	21.1	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	49910	20.0	18.4	
87 Tetrachloroethene	166	8.125	8.124	0.001	98	106187	20.0	18.0	
88 1,3-Dichloropropane	76	8.265	8.265	0.000	92	91801	20.0	18.8	
89 2-Hexanone	43	8.320	8.319	0.001	95	124118	100.0	87.0	
90 n-Butyl acetate	73	8.411	8.417	-0.006	98	12545	20.0	18.9	
91 Chlorodibromomethane	129	8.442	8.441	0.001	97	70849	20.0	17.7	
92 Ethylene Dibromide	107	8.545	8.551	-0.006	99	56601	20.0	18.7	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	525053	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	96	227124	20.0	18.3	
95 Ethylbenzene	106	9.027	9.027	0.000	98	129932	20.0	17.9	
96 1,1,1,2-Tetrachloroethane	131	9.039	9.045	-0.006	95	75627	20.0	17.2	
97 m-Xylene & p-Xylene	106	9.131	9.130	0.000	0	158223	20.0	18.4	
98 n-Butyl acrylate	73	9.448	9.447	0.001	97	40308	20.0	17.7	
99 o-Xylene	106	9.466	9.466	0.000	93	147929	20.0	17.8	
100 Styrene	104	9.490	9.490	0.000	96	238068	20.0	17.9	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	74673	20.0	18.0	
102 Bromoform	173	9.661	9.667	-0.006	97	40534	20.0	16.6	
103 Isopropylbenzene	105	9.746	9.752	-0.006	95	403124	20.0	18.6	
$ 104 4-Bromofluorobenzene	174	9.911	9.917	-0.006	0	234776	50.0	49.5	
105 Bromobenzene	156	10.021	10.026	-0.005	93	92941	20.0	17.0	
106 1,1,2,2-Tetrachloroethane	83	10.051	10.057	-0.006	98	59343	20.0	17.5	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	486540	20.0	17.9	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	95	16424	20.0	16.6	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	86	13017	20.0	16.7	
110 4-Ethyltoluene	105	10.161	10.161	0.000	90	399885	20.0	16.8	
111 2-Chlorotoluene	91	10.161	10.161	0.000	90	296967	20.0	16.5	
112 1,3,5-Trimethylbenzene	105	10.210	10.209	0.001	94	320790	20.0	17.2	
113 4-Chlorotoluene	91	10.246	10.252	-0.006	98	270186	20.0	17.1	
114 Butyl Methacrylate	87	10.277	10.276	0.001	88	81686	20.0	16.9	
115 tert-Butylbenzene	119	10.447	10.447	0.000	95	292183	20.0	17.4	
116 1,2,4-Trimethylbenzene	105	10.490	10.496	-0.006	98	319842	20.0	17.2	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	453028	20.0	17.8	
118 4-Isopropyltoluene	119	10.709	10.715	-0.006	98	370005	20.0	16.9	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	97	179071	20.0	16.4	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.782	0.001	96	293490	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	96	179977	20.0	16.4	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	310888	20.0	16.6	
123 Benzyl chloride	126	10.905	10.904	0.001	99	22972	20.0	16.7	
124 2,3-Dihydroindene	117	10.953	10.959	-0.006	94	325803	20.0	20.8	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	210406	20.0	16.8	
126 n-Butylbenzene	92	11.008	11.008	0.000	96	199168	20.0	17.2	
127 1,2-Dichlorobenzene	146	11.069	11.075	-0.006	97	157586	20.0	17.3	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	97	295592	20.0	16.8	
129 1,2-Dibromo-3-Chloropropane	157	11.667	11.666	0.001	93	10128	20.0	17.3	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	97	123757	20.0	16.3	
131 1,2,4-Trichlorobenzene	180	12.331	12.337	-0.006	94	94603	20.0	18.0	
132 Hexachlorobutadiene	225	12.429	12.435	-0.006	93	67944	20.0	17.1	
133 Naphthalene	128	12.581	12.587	-0.006	99	154951	20.0	22.2	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	73192	20.0	18.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	43.6	
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.2	

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	36.2	
S 138 Total BTEX	1				0		100.0	91.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL		
ACROLEIN W_00145	Amount Added:	3.00	Units: uL		
524freon_00058	Amount Added:	2.00	Units: uL		
GASES Li_00498	Amount Added:	2.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 19-Oct-2022 13:06:22 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99300.D

Injection Date: 18-Oct-2022 19:39:30 Instrument ID: CVOAMS4 Operator ID:

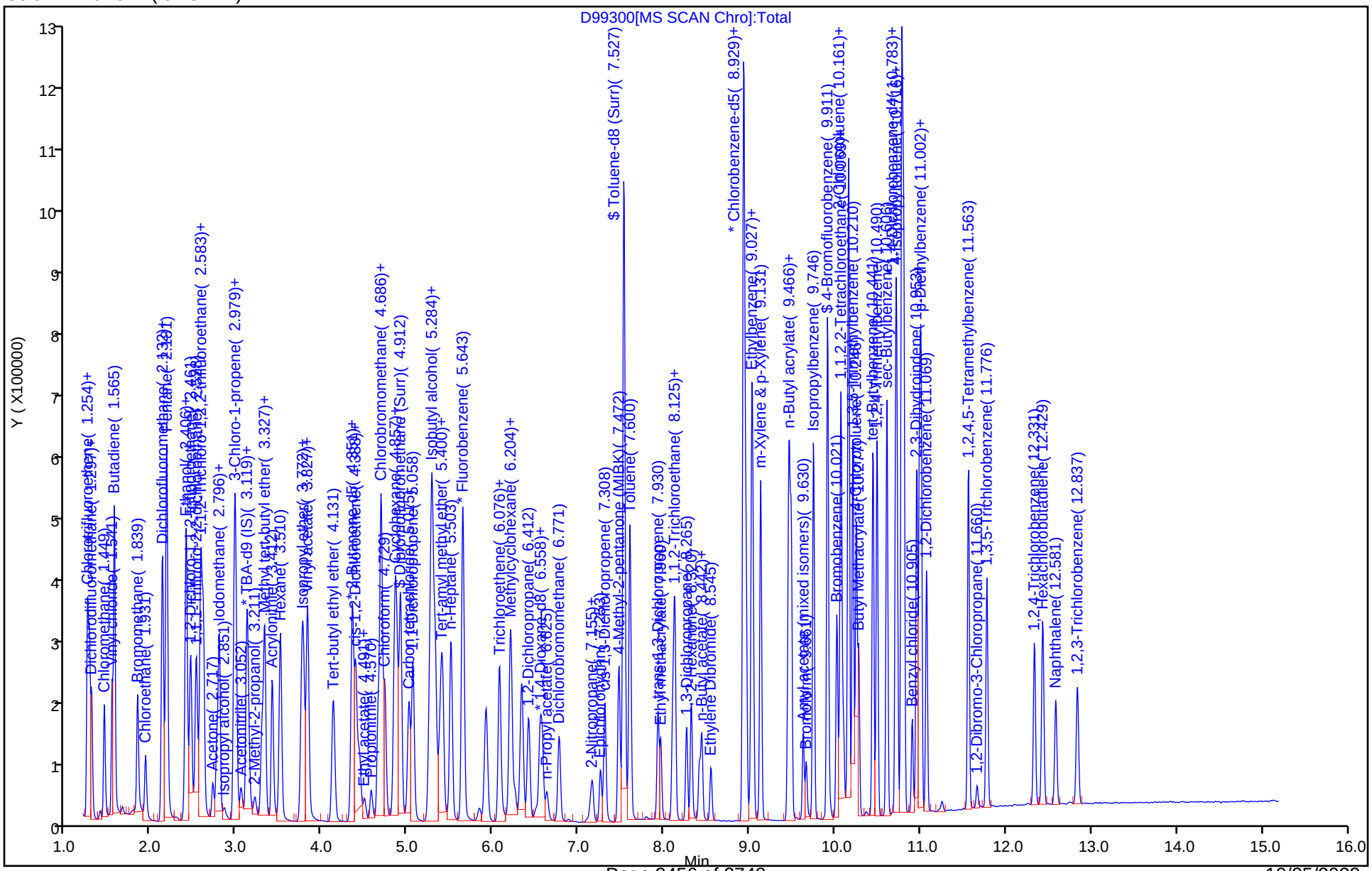
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99300.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 19:39:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151912-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:06:17 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 20:01:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	59.1	118.20
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.9	111.72
$ 82 Toluene-d8 (Surr)	50.0	51.6	103.13
$ 104 4-Bromofluorobenzene	50.0	49.5	99.02

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872711/4

Matrix: Solid | Lab File ID: O82911.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 22:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 872711 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.12		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	1.13		0.050	0.0099
79-00-5	1,1,2-Trichloroethane	1.12		0.050	0.010
75-34-3	1,1-Dichloroethane	1.17		0.050	0.012
75-35-4	1,1-Dichloroethene	1.13		0.050	0.013
107-06-2	1,2-Dichloroethane	1.04		0.050	0.013
78-87-5	1,2-Dichloropropane	1.24		0.050	0.0090
75-27-4	Bromodichloromethane	1.09		0.050	0.0075
56-23-5	Carbon tetrachloride	1.07		0.050	0.017
108-90-7	Chlorobenzene	1.03		0.050	0.012
75-00-3	Chloroethane	1.10		0.050	0.019
67-66-3	Chloroform	1.10		0.050	0.011
74-87-3	Chloromethane	1.13		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	1.02		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	1.08		0.050	0.011
124-48-1	Dibromochloromethane	0.996		0.050	0.011
75-09-2	Methylene Chloride	1.34		0.050	0.011
127-18-4	Tetrachloroethene	1.13		0.050	0.018
156-60-5	trans-1,2-Dichloroethene	1.11		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	1.17		0.050	0.011
79-01-6	Trichloroethene	1.19		0.050	0.011
75-01-4	Vinyl chloride	1.04		0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		68-150
460-00-4	Bromofluorobenzene	97		70-150
1868-53-7	Dibromofluoromethane (Surr)	101		68-150
2037-26-5	Toluene-d8 (Surr)	104		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82911.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 22:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0151922-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 15:09:54 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: HVW2 Date: 19-Oct-2022 02:16:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.821	0.833	-0.012	88	27570	20.0	26.4	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	82230	20.0	24.9	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	13294	20.0	21.8	
6 Chloromethane	50	0.959	0.959	-0.001	98	63022	20.0	22.6	
7 Vinyl chloride	62	0.981	0.981	0.000	97	61026	20.0	20.8	
8 Butadiene	54	0.993	0.993	0.000	94	48146	20.0	18.7	
9 Bromomethane	94	1.141	1.141	0.000	96	49649	20.0	23.4	
10 Chloroethane	64	1.187	1.187	0.000	99	42357	20.0	22.1	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	112920	20.0	22.1	
12 Trichlorofluoromethane	101	1.312	1.313	0.000	98	91349	20.0	19.9	
13 Pentane	57	1.358	1.358	0.000	95	23181	40.0	48.5	
14 Ethanol	46	1.415	1.415	0.000	64	10680	800.0	1012.7	
15 Ethyl ether	59	1.461	1.461	0.000	89	37910	20.0	21.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	88	51842	20.0	19.8	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	92	53244	20.0	25.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	93	74915	20.0	21.1	
19 Acrolein	56	1.529	1.529	0.000	96	7306	40.0	44.2	
20 1,1-Dichloroethene	96	1.586	1.587	0.000	95	55307	20.0	22.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.587	0.000	97	55312	20.0	23.0	
22 Acetone	58	1.609	1.609	0.000	88	12903	100.0	96.8	
23 Iodomethane	142	1.666	1.666	0.000	97	134720	20.0	31.8	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	14738	200.0	204.2	
25 Carbon disulfide	76	1.701	1.701	0.000	99	214839	20.0	26.6	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	92	40325	20.0	23.9	
26 Acetonitrile	38	1.781	1.781	0.000	79	17791	200.0	238.0	
28 Methyl acetate	43	1.803	1.803	0.000	97	23914	40.0	33.7	
29 Cyclopentene	67	1.838	1.838	0.000	94	118305	20.0	20.9	
30 Methylene Chloride	84	1.860	1.861	0.000	86	80906	20.0	26.7	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	100	118617	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	27417	200.0	193.3	
33 Acrylonitrile	53	1.997	1.998	-0.001	94	135158	200.0	226.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	92	60979	20.0	22.2	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	156816	20.0	23.6	
36 Hexane	57	2.214	2.214	0.000	91	52529	20.0	29.0	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	107797	20.0	23.5	
38 Vinyl acetate	86	2.340	2.340	0.000	99	20495	40.0	137.9	
39 Isopropyl ether	45	2.351	2.351	0.000	81	177815	20.0	25.5	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	72	63539	20.0	24.7	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	92	187069	20.0	24.9	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	98	132875	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	92	23340	20.0	30.6	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	96	62034	20.0	20.3	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	99	21125	100.0	110.3	
42 Propionitrile	54	2.751	2.751	0.000	94	50665	200.0	265.9	
47 Ethyl acetate	70	2.785	2.774	0.011	99	10006	40.0	54.2	
48 Methyl acrylate	55	2.808	2.808	0.000	99	36917	20.0	22.1	
50 Methacrylonitrile	67	2.865	2.865	0.000	89	146108	200.0	203.1	
49 Chlorobromomethane	128	2.877	2.877	0.000	66	37209	20.0	23.1	
51 Tetrahydrofuran	42	2.922	2.922	0.000	34	15150	40.0	39.1	
52 Chloroform	83	2.945	2.945	0.000	99	103456	20.0	22.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	132152	50.0	50.4	
54 1,1,1-Trichloroethane	97	3.093	3.094	-0.001	97	98488	20.0	22.4	
55 Cyclohexane	84	3.139	3.139	0.000	85	78309	20.0	24.1	
56 Carbon tetrachloride	117	3.230	3.231	-0.001	98	78319	20.0	21.4	
57 1,1-Dichloropropene	75	3.230	3.231	-0.001	98	94109	20.0	26.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	136808	50.0	52.3	
61 Isobutyl alcohol	43	3.379	3.379	0.000	95	28986	500.0	599.1	
59 Benzene	78	3.402	3.402	0.000	95	288808	20.0	24.5	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	97	72335	20.0	20.9	
62 Isooctane	57	3.504	3.505	-0.001	96	107255	20.0	27.9	
63 Isopropyl acetate	61	3.516	3.516	0.000	97	17246	20.0	23.2	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	92	178578	20.0	23.5	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	517667	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	85	35221	20.0	28.4	
67 Trichloroethene	95	4.007	4.007	0.000	97	75564	20.0	23.8	
68 n-Butanol	56	4.052	4.041	0.011	84	16883	500.0	467.6	
69 Ethyl acrylate	55	4.189	4.190	-0.001	98	109236	20.0	25.5	
70 Methylcyclohexane	83	4.201	4.201	0.000	94	77915	20.0	28.3	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	90	64465	20.0	24.8	
* 72 1,4-Dioxane-d8	96	4.326	4.327	-0.001	0	32458	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	97	36774	20.0	22.0	
74 1,4-Dioxane	88	4.384	4.395	-0.011	86	16939	400.0	485.1	
75 Methyl methacrylate	100	4.406	4.406	0.000	83	34471	40.0	52.0	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	54776	20.0	23.7	
77 Dichlorobromomethane	83	4.521	4.521	0.000	97	76658	20.0	21.9	
78 2-Nitropropane	41	4.772	4.772	0.000	97	13827	40.0	27.5	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	91	33621	20.0	20.2	
80 Epichlorohydrin	57	4.932	4.943	-0.011	99	83117	400.0	506.7	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	90	101258	20.0	21.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	196981	100.0	127.8	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	609078	50.0	52.1	
84 Toluene	91	5.423	5.423	-0.001	93	311687	20.0	23.1	
85 trans-1,3-Dichloropropene	75	5.731	5.719	0.012	96	94867	20.0	23.4	

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	5.913	5.914	-0.001	87	78095	20.0	22.9	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	49297	20.0	22.4	
88 Tetrachloroethene	166	6.096	6.096	0.000	95	70626	20.0	22.6	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	100604	20.0	22.4	
90 2-Hexanone	43	6.324	6.325	-0.001	94	132762	100.0	121.6	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	58883	20.0	19.9	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	62461	20.0	21.7	
92 n-Butyl acetate	43	6.564	6.564	0.000	98	65678	20.0	20.9	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	464870	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	97	202330	20.0	20.7	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	60279	20.0	19.4	
97 Ethylbenzene	106	7.466	7.466	0.000	97	101966	20.0	22.6	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	124372	20.0	22.1	
99 o-Xylene	106	8.220	8.220	0.000	94	130488	20.0	22.9	
100 Styrene	104	8.254	8.254	0.000	96	227815	20.0	24.3	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	43542	20.0	22.0	
102 Bromoform	173	8.471	8.459	0.012	95	32988	20.0	17.3	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	71503	20.0	19.2	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	268021	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	174607	50.0	48.5	
106 Bromobenzene	156	9.190	9.190	0.000	96	81650	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	69129	20.0	22.6	
108 1,2,3-Trichloropropane	75	9.339	9.339	-0.001	96	51137	20.0	19.0	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	91	21390	20.0	19.0	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	251650	20.0	21.9	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	209021	20.0	21.4	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	225549	20.0	20.3	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	172751	20.0	21.2	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	195028	20.0	20.7	
115 Butyl Methacrylate	87	10.092	10.092	0.000	90	65433	20.0	18.9	
116 tert-Butylbenzene	119	10.298	10.298	0.000	94	148885	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	204253	20.0	21.0	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	212960	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	97	140769	20.0	22.0	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	257517	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	144069	20.0	20.9	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	180657	20.0	22.4	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	244809	20.0	22.6	
124 Benzyl chloride	126	11.177	11.177	0.000	99	25038	20.0	25.7	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	249335	20.0	21.1	
126 1,2-Dichlorobenzene	146	11.428	11.439	-0.011	97	139998	20.0	21.7	
127 p-Diethylbenzene	119	11.496	11.496	0.000	96	96051	20.0	22.3	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	81792	20.0	24.1	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	92	13210	20.0	17.7	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	96	186578	20.0	21.5	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	98	69482	20.0	21.5	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	62632	20.0	21.3	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	95	22034	20.0	21.5	
134 Naphthalene	128	12.946	12.946	0.000	99	203107	20.0	24.3	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	56948	20.0	21.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 138 Xylenes, Total	100				0		40.0	45.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	115.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

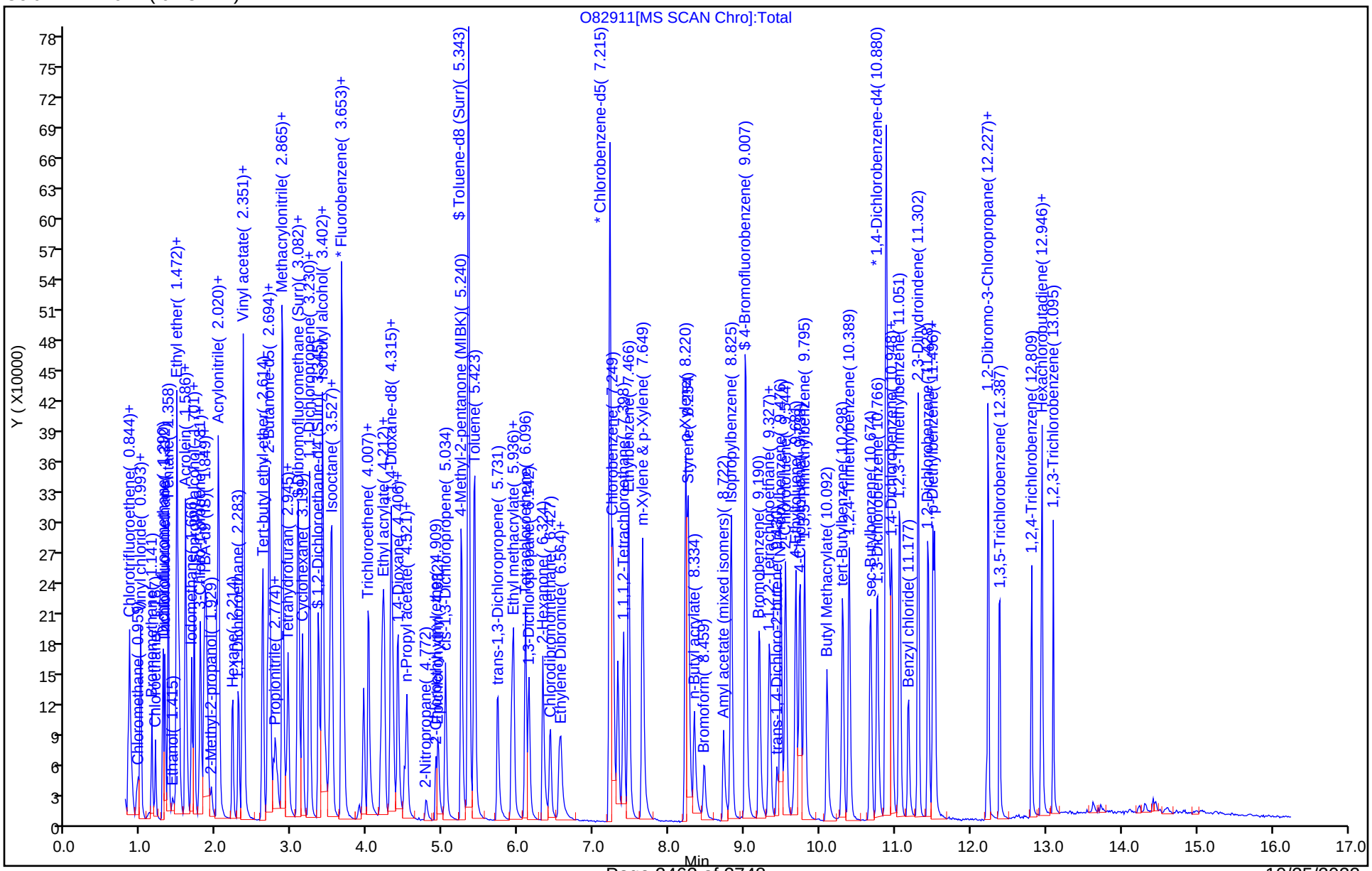
Report Date: 19-Oct-2022 15:09:56 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82911.d

Injection Date:	18-Oct-2022 22:01:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82911.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Oct-2022 22:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0151922-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 15:09:54 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: HVW2 Date: 19-Oct-2022 02:16:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.4	100.80
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.63
$ 83 Toluene-d8 (Surr)	50.0	52.1	104.22
$ 105 4-Bromofluorobenzene	50.0	48.5	97.03

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-872987/3

Matrix: Solid | Lab File ID: D99373.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2022 05:50

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0169		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0187		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0200		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0184		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0174		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0174		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0190		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0168		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0169		0.0010	0.00039
108-90-7	Chlorobenzene	0.0195		0.0010	0.00018
75-00-3	Chloroethane	0.0186		0.0010	0.00052
67-66-3	Chloroform	0.0166		0.0010	0.00097
74-87-3	Chloromethane	0.0202		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0164		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0213		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0190		0.0010	0.00019
75-09-2	Methylene Chloride	0.0171		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0184		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0165		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0204		0.0010	0.00027
79-01-6	Trichloroethene	0.0171		0.0010	0.00032
75-01-4	Vinyl chloride	0.0188		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		72-145
460-00-4	Bromofluorobenzene	106		75-139
1868-53-7	Dibromofluoromethane (Surr)	91		73-139
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99373.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Oct-2022 05:50:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151989-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:38:44 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: N1JZ Date: 20-Oct-2022 06:26:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.242	1.242	0.000	86	70861	20.0	16.0	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	96	77388	20.0	18.2	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	99	207504	20.0	18.4	
5 Chlorodifluoromethane	51	1.290	1.290	0.000	98	191385	20.0	19.8	
6 Chloromethane	50	1.443	1.443	0.000	99	178885	20.0	20.2	
8 Vinyl chloride	62	1.534	1.534	0.000	99	177928	20.0	18.8	
7 Butadiene	54	1.559	1.559	0.000	97	185459	20.0	19.9	
9 Bromomethane	94	1.827	1.827	0.000	99	98036	20.0	14.1	
10 Chloroethane	64	1.918	1.918	0.000	100	83114	20.0	18.6	
13 Trichlorofluoromethane	101	2.113	2.113	0.000	98	183476	20.0	17.6	
11 Dichlorofluoromethane	67	2.120	2.120	0.000	99	206077	20.0	18.2	
12 Pentane	72	2.168	2.168	0.000	96	43832	40.0	35.6	
15 Ethanol	46	2.370	2.370	0.000	95	10348	800.0	985.0	
14 Ethyl ether	59	2.388	2.388	0.000	90	60926	20.0	17.7	
16 2-Methyl-1,3-butadiene	53	2.394	2.394	0.000	98	106066	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.449	2.449	0.000	87	92657	20.0	16.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.510	2.510	0.000	95	159992	20.0	18.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.565	2.565	0.000	96	116089	20.0	17.3	
19 Acrolein	56	2.565	2.565	0.000	98	96363	300.0	247.1	
21 1,1-Dichloroethene	96	2.595	2.595	0.000	97	99840	20.0	17.4	
22 Acetone	43	2.705	2.705	0.000	86	70045	100.0	86.6	
23 Iodomethane	142	2.754	2.754	0.000	99	133605	20.0	14.5	
24 Carbon disulfide	76	2.778	2.778	0.000	99	360072	20.0	17.9	
25 Isopropyl alcohol	45	2.845	2.845	0.000	98	25307	200.0	191.0	
26 3-Chloro-1-propene	76	2.955	2.955	0.000	91	61140	20.0	17.3	
28 Cyclopentene	67	2.967	2.967	0.000	95	266652	20.0	18.0	
27 Methyl acetate	43	2.979	2.979	0.000	99	74341	40.0	38.3	
29 Acetonitrile	40	3.034	3.034	0.000	99	32514	200.0	231.1	
30 Methylene Chloride	84	3.101	3.101	0.000	94	96000	20.0	17.1	
* 31 TBA-d9 (IS)	65	3.119	3.119	0.000	0	180713	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.199	3.199	0.000	99	42641	200.0	183.3	

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	3.284	3.284	0.000	97	182599	20.0	17.2	
34 trans-1,2-Dichloroethene	96	3.314	3.314	0.000	96	104417	20.0	16.5	
35 Acrylonitrile	53	3.400	3.400	0.000	94	167318	200.0	199.4	
36 Hexane	57	3.491	3.491	0.000	93	167047	20.0	20.2	
37 Isopropyl ether	45	3.747	3.747	0.000	98	256268	20.0	20.0	
38 1,1-Dichloroethane	63	3.766	3.766	0.000	99	182833	20.0	18.4	
39 Vinyl acetate	86	3.802	3.802	0.000	99	23204	40.0	30.6	
40 2-Chloro-1,3-butadiene	88	3.814	3.814	0.000	92	90322	20.0	16.9	
41 Tert-butyl ethyl ether	59	4.113	4.113	0.000	89	214982	20.0	18.4	
43 2,2-Dichloropropane	79	4.333	4.333	0.000	96	49004	20.0	17.3	
* 42 2-Butanone-d5	46	4.339	4.339	0.000	96	206169	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.375	4.375	0.000	99	101364	20.0	16.4	
45 2-Butanone (MEK)	72	4.406	4.406	0.000	100	25145	100.0	79.0	
46 Ethyl acetate	70	4.430	4.430	0.000	98	9370	40.0	31.2	
47 Methyl acrylate	55	4.479	4.479	0.000	100	38234	20.0	16.9	
48 Propionitrile	54	4.558	4.558	0.000	98	58514	200.0	181.2	
49 Chlorobromomethane	128	4.637	4.637	0.000	89	42347	20.0	16.3	a
50 Tetrahydrofuran	72	4.637	4.637	0.000	86	10285	40.0	35.0	
51 Methacrylonitrile	67	4.674	4.674	0.000	93	194405	200.0	160.3	
52 Chloroform	83	4.717	4.717	0.000	98	158550	20.0	16.6	
53 Cyclohexane	84	4.832	4.832	0.000	92	149913	20.0	17.8	
54 1,1,1-Trichloroethane	97	4.857	4.857	0.000	99	148081	20.0	16.9	
$ 55 Dibromofluoromethane (Surr)	113	4.900	4.900	0.000	97	213978	50.0	45.6	
56 Carbon tetrachloride	117	4.997	4.997	0.000	98	134970	20.0	16.9	
57 1,1-Dichloropropene	75	5.046	5.046	0.000	97	137922	20.0	18.5	
58 Isobutyl alcohol	43	5.253	5.253	0.000	87	95661	500.0	470.1	a
59 Benzene	78	5.271	5.271	0.000	97	353647	20.0	20.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.302	5.302	0.000	98	185971	50.0	46.5	
61 Tert-amyl methyl ether	87	5.375	5.375	0.000	92	50478	20.0	16.0	
62 Isopropyl acetate	61	5.393	5.393	0.000	97	29081	20.0	17.5	
63 1,2-Dichloroethane	62	5.393	5.393	0.000	97	93902	20.0	17.4	
64 n-Heptane	43	5.485	5.485	0.000	92	154125	20.0	20.9	
* 65 Fluorobenzene	96	5.625	5.625	0.000	98	669108	50.0	50.0	
67 Trichloroethene	95	6.058	6.058	0.000	98	93749	20.0	17.1	
66 n-Butanol	56	6.094	6.094	0.000	89	11664	500.0	269.5	
68 Methylcyclohexane	83	6.186	6.186	0.000	97	165194	20.0	18.2	
69 Ethyl acrylate	55	6.235	6.235	0.000	99	45705	20.0	19.3	
70 1,2-Dichloropropane	63	6.393	6.393	0.000	92	82918	20.0	19.0	
* 71 1,4-Dioxane-d8	96	6.485	6.485	0.000	0	17397	1000.0	1000.0	
72 Methyl methacrylate	100	6.533	6.533	0.000	90	23296	40.0	30.3	
73 1,4-Dioxane	88	6.552	6.552	0.000	38	9168	400.0	298.8	
74 Dibromomethane	93	6.552	6.552	0.000	96	41350	20.0	16.1	
75 n-Propyl acetate	43	6.613	6.613	0.000	99	55186	20.0	17.8	
76 Dichlorobromomethane	83	6.753	6.753	0.000	99	102890	20.0	16.8	
77 2-Nitropropane	41	7.125	7.125	0.000	99	21207	40.0	32.1	
78 2-Chloroethyl vinyl ether	63	7.143	7.143	0.000	96	28221	20.0	17.2	
79 Epichlorohydrin	57	7.241	7.241	0.000	98	78589	400.0	352.3	
80 cis-1,3-Dichloropropene	75	7.289	7.289	0.000	92	121088	20.0	21.3	
81 4-Methyl-2-pentanone (MIBK)	43	7.454	7.454	0.000	97	185422	100.0	90.8	
$ 82 Toluene-d8 (Surr)	98	7.515	7.515	0.000	99	730333	50.0	56.3	
83 Toluene	91	7.588	7.588	0.000	93	354534	20.0	19.9	
84 trans-1,3-Dichloropropene	75	7.917	7.917	0.000	97	95994	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
85 Ethyl methacrylate	69	7.948	7.948	0.000	90	60986	20.0	16.8	
86 1,1,2-Trichloroethane	83	8.088	8.088	0.000	95	46641	20.0	20.0	
87 Tetrachloroethene	166	8.112	8.112	0.000	97	93391	20.0	18.4	
88 1,3-Dichloropropane	76	8.253	8.253	0.000	93	88763	20.0	21.1	
89 2-Hexanone	43	8.307	8.307	0.000	97	120834	100.0	91.4	
90 n-Butyl acetate	73	8.399	8.399	0.000	99	11056	20.0	19.4	
91 Chlorodibromomethane	129	8.429	8.429	0.000	98	65205	20.0	19.0	
92 Ethylene Dibromide	107	8.533	8.533	0.000	99	51222	20.0	19.7	
* 93 Chlorobenzene-d5	117	8.923	8.923	0.000	87	450848	50.0	50.0	
94 Chlorobenzene	112	8.947	8.947	0.000	95	207903	20.0	19.5	
95 Ethylbenzene	106	9.015	9.015	0.000	98	119206	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	9.033	9.033	0.000	97	68464	20.0	18.1	
97 m-Xylene & p-Xylene	106	9.118	9.118	0.000	0	143531	20.0	19.5	
98 n-Butyl acrylate	73	9.435	9.435	0.000	96	36108	20.0	18.4	
99 o-Xylene	106	9.453	9.453	0.000	93	135776	20.0	19.0	
100 Styrene	104	9.478	9.478	0.000	95	217705	20.0	19.1	
101 Amyl acetate (mixed isomers)	43	9.618	9.618	0.000	90	76870	20.0	22.8	
102 Bromoform	173	9.655	9.655	0.000	96	36713	20.0	17.5	
103 Isopropylbenzene	105	9.740	9.740	0.000	96	370450	20.0	19.9	
$ 104 4-Bromofluorobenzene	174	9.905	9.905	0.000	0	204473	50.0	53.0	
105 Bromobenzene	156	10.014	10.014	0.000	95	82799	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.045	10.045	0.000	98	51722	20.0	18.7	
107 N-Propylbenzene	91	10.063	10.063	0.000	99	454399	20.0	20.5	
108 1,2,3-Trichloropropane	110	10.081	10.081	0.000	94	14617	20.0	18.2	
109 trans-1,4-Dichloro-2-butene	53	10.094	10.094	0.000	84	12682	20.0	19.9	
110 4-Ethyltoluene	105	10.148	10.148	0.000	90	367019	20.0	19.0	
111 2-Chlorotoluene	91	10.148	10.148	0.000	89	281774	20.0	19.2	
112 1,3,5-Trimethylbenzene	105	10.197	10.197	0.000	93	302722	20.0	20.0	
113 4-Chlorotoluene	91	10.240	10.240	0.000	98	260313	20.0	20.3	
114 Butyl Methacrylate	87	10.270	10.270	0.000	91	75288	20.0	19.2	
115 tert-Butylbenzene	119	10.435	10.435	0.000	94	268578	20.0	19.6	
116 1,2,4-Trimethylbenzene	105	10.484	10.484	0.000	98	297079	20.0	19.6	
117 sec-Butylbenzene	105	10.600	10.600	0.000	99	417752	20.0	20.2	
118 4-Isopropyltoluene	119	10.703	10.703	0.000	98	345399	20.0	19.3	
119 1,3-Dichlorobenzene	146	10.715	10.715	0.000	97	160670	20.0	18.1	
* 120 1,4-Dichlorobenzene-d4	152	10.770	10.770	0.000	95	238990	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.789	10.789	0.000	95	160549	20.0	18.0	
122 1,2,3-Trimethylbenzene	105	10.795	10.795	0.000	98	286817	20.0	18.8	
123 Benzyl chloride	126	10.892	10.892	0.000	99	21158	20.0	18.9	
124 2,3-Dihydroindene	117	10.947	10.947	0.000	94	297369	20.0	16.3	
125 p-Diethylbenzene	119	10.978	10.978	0.000	94	194761	20.0	19.1	
126 n-Butylbenzene	92	10.996	10.996	0.000	97	189283	20.0	20.1	
127 1,2-Dichlorobenzene	146	11.063	11.063	0.000	97	138324	20.0	18.6	
128 1,2,4,5-Tetramethylbenzene	119	11.551	11.551	0.000	97	275519	20.0	19.3	
129 1,2-Dibromo-3-Chloropropane	157	11.654	11.654	0.000	95	8333	20.0	17.5	
130 1,3,5-Trichlorobenzene	180	11.770	11.770	0.000	98	115966	20.0	18.7	
131 1,2,4-Trichlorobenzene	180	12.325	12.325	0.000	93	84834	20.0	19.8	
132 Hexachlorobutadiene	225	12.422	12.422	0.000	93	62795	20.0	19.4	
133 Naphthalene	128	12.569	12.569	0.000	99	121389	20.0	21.3	
134 1,2,3-Trichlorobenzene	180	12.825	12.825	0.000	95	65741	20.0	20.5	
S 135 1,2-Dichloroethene, Total	100				0		40.0	33.0	
S 136 1,3-Dichloropropene, Total	100				0		40.0	41.7	

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	38.5	
S 138 Total BTEX	1				0		100.0	97.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Oct-2022 10:38:46 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99373.D

Injection Date: 20-Oct-2022 05:50:30 Instrument ID: CVOAMS4 Operator ID:

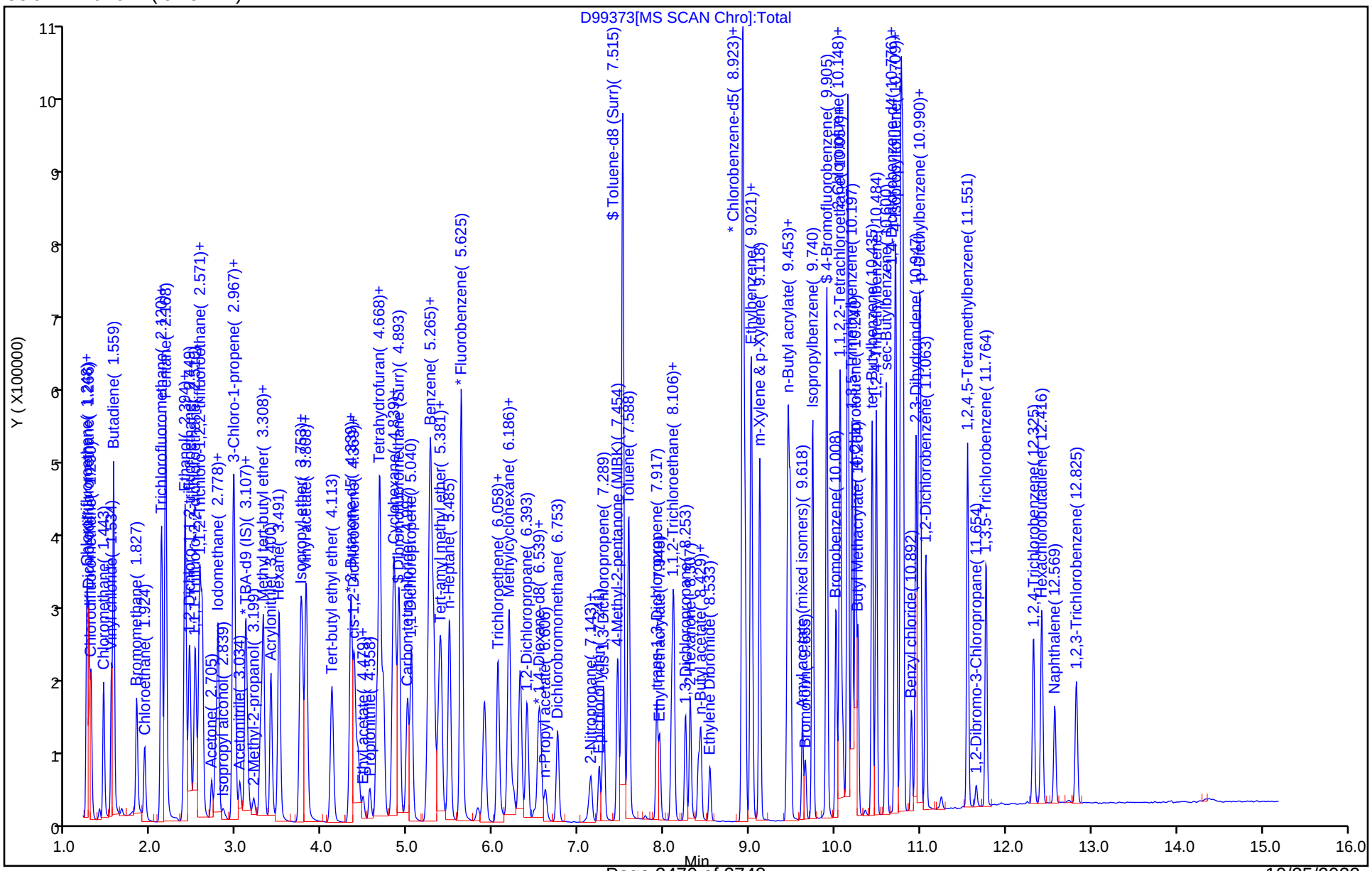
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99373.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Oct-2022 05:50:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0151989-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:38:44 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: N1JZ Date: 20-Oct-2022 06:26:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	45.6	91.14
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.5	92.97
$ 82 Toluene-d8 (Surr)	50.0	56.3	112.63
$ 104 4-Bromofluorobenzene	50.0	53.0	105.91

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-873205/4

Matrix: Solid | Lab File ID: O83005.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2022 21:54

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 873205 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.945		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	1.04		0.050	0.0099
79-00-5	1,1,2-Trichloroethane	0.979		0.050	0.010
75-34-3	1,1-Dichloroethane	0.958		0.050	0.012
75-35-4	1,1-Dichloroethene	0.934		0.050	0.013
107-06-2	1,2-Dichloroethane	0.969		0.050	0.013
78-87-5	1,2-Dichloropropane	1.04		0.050	0.0090
75-27-4	Bromodichloromethane	0.977		0.050	0.0075
56-23-5	Carbon tetrachloride	1.00		0.050	0.017
108-90-7	Chlorobenzene	1.02		0.050	0.012
75-00-3	Chloroethane	0.958		0.050	0.019
67-66-3	Chloroform	0.937		0.050	0.011
74-87-3	Chloromethane	0.896		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.946		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	1.01		0.050	0.011
124-48-1	Dibromochloromethane	0.965		0.050	0.011
75-09-2	Methylene Chloride	1.03		0.050	0.011
127-18-4	Tetrachloroethene	1.02		0.050	0.018
156-60-5	trans-1,2-Dichloroethene	0.912		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	1.10		0.050	0.011
79-01-6	Trichloroethene	0.996		0.050	0.011
75-01-4	Vinyl chloride	0.923		0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		68-150
460-00-4	Bromofluorobenzene	100		70-150
1868-53-7	Dibromofluoromethane (Surr)	99		68-150
2037-26-5	Toluene-d8 (Surr)	101		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83005.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Oct-2022 21:54:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:23:38 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:23:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	87	21052	20.0	15.5	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	70783	20.0	17.7	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	12336	20.0	18.6	
6 Chloromethane	50	0.947	0.947	0.000	99	54803	20.0	17.9	
7 Vinyl chloride	62	0.981	0.981	0.000	98	51185	20.0	18.5	
8 Butadiene	54	0.993	0.993	0.000	95	40731	20.0	19.1	
9 Bromomethane	94	1.141	1.141	0.000	97	45326	20.0	20.1	
10 Chloroethane	64	1.187	1.187	0.000	99	37317	20.0	19.2	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	99710	20.0	19.7	
12 Trichlorofluoromethane	101	1.313	1.313	0.000	98	75946	20.0	19.4	
13 Pentane	57	1.358	1.358	0.000	96	16993	40.0	35.1	
14 Ethanol	46	1.415	1.415	0.000	95	8102	800.0	817.1	
15 Ethyl ether	59	1.461	1.461	0.000	89	30322	20.0	18.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	90	42698	20.0	18.4	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	94	39919	20.0	19.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	59113	20.0	17.7	
19 Acrolein	56	1.529	1.529	0.000	85	4054	40.0	18.0	
20 1,1-Dichloroethene	96	1.587	1.587	0.000	97	42828	20.0	18.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.587	0.000	95	45184	20.0	19.3	
22 Acetone	58	1.609	1.609	0.000	89	12494	100.0	105.0	
23 Iodomethane	142	1.666	1.666	0.000	98	85302	20.0	18.1	
25 Carbon disulfide	76	1.701	1.701	0.000	99	175331	20.0	20.1	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	10710	200.0	149.5	
26 Acetonitrile	38	1.781	1.781	0.000	79	15959	200.0	203.8	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	92	33177	20.0	19.9	
28 Methyl acetate	43	1.803	1.803	0.000	96	20178	40.0	35.8	
29 Cyclopentene	67	1.838	1.838	0.000	94	95637	20.0	20.9	
30 Methylene Chloride	84	1.861	1.861	0.000	86	66107	20.0	20.6	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	98	112970	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	26320	200.0	195.2	
33 Acrylonitrile	53	1.998	1.998	0.000	95	106311	200.0	189.8	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	94	47764	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	129052	20.0	20.1	
36 Hexane	57	2.214	2.214	0.000	91	41648	20.0	19.8	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	88411	20.0	19.2	
38 Vinyl acetate	86	2.340	2.340	0.000	99	18024	40.0	43.8	
39 Isopropyl ether	45	2.351	2.351	0.000	82	146067	20.0	20.6	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	74	53412	20.0	20.3	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	90	151442	20.0	19.6	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	98	132489	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	86	18390	20.0	18.8	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	95	53494	20.0	18.9	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	100	19478	100.0	103.7	
42 Propionitrile	54	2.751	2.751	0.000	95	40594	200.0	190.0	
47 Ethyl acetate	70	2.774	2.774	0.000	99	7590	40.0	41.8	
48 Methyl acrylate	55	2.808	2.808	0.000	98	29872	20.0	19.4	
50 Methacrylonitrile	67	2.865	2.865	0.000	89	126898	200.0	210.7	
49 Chlorobromomethane	128	2.877	2.877	0.000	66	29645	20.0	21.2	
51 Tetrahydrofuran	42	2.922	2.922	0.000	81	13967	40.0	41.0	
52 Chloroform	83	2.945	2.945	0.000	99	87190	20.0	18.7	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	124565	50.0	49.6	
54 1,1,1-Trichloroethane	97	3.094	3.094	0.000	98	83767	20.0	18.9	
55 Cyclohexane	84	3.139	3.139	0.000	86	68802	20.0	20.4	
56 Carbon tetrachloride	117	3.231	3.231	0.000	97	65964	20.0	20.1	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	98	74095	20.0	19.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	130193	50.0	48.5	
61 Isobutyl alcohol	43	3.379	3.379	0.000	98	24004	500.0	470.4	
59 Benzene	78	3.402	3.402	0.000	95	232466	20.0	20.1	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	99	65143	20.0	19.4	
62 Isooctane	57	3.505	3.505	0.000	96	96089	20.0	22.0	
63 Isopropyl acetate	61	3.516	3.516	0.000	97	15421	20.0	22.4	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	95	157242	20.0	21.0	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	580716	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	90	33712	20.0	23.3	
67 Trichloroethene	95	4.007	4.007	0.000	98	59209	20.0	19.9	
68 n-Butanol	56	4.053	4.053	0.000	89	14771	500.0	408.5	
69 Ethyl acrylate	55	4.190	4.190	0.000	98	88587	20.0	19.8	
70 Methylcyclohexane	83	4.201	4.201	0.000	94	63609	20.0	21.3	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	92	55325	20.0	20.8	
* 72 1,4-Dioxane-d8	96	4.327	4.327	0.000	0	29472	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	30030	20.0	19.7	
74 1,4-Dioxane	88	4.384	4.384	0.000	33	14188	400.0	450.3	
75 Methyl methacrylate	100	4.407	4.407	0.000	82	27762	40.0	43.6	
76 n-Propyl acetate	43	4.486	4.486	0.000	98	47773	20.0	19.4	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	67531	20.0	19.5	
78 2-Nitropropane	41	4.772	4.772	0.000	99	14098	40.0	46.0	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	93	29682	20.0	19.8	
80 Epichlorohydrin	57	4.932	4.932	0.000	99	72633	400.0	392.6	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	90	89756	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	182255	100.0	116.9	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	587875	50.0	50.7	
84 Toluene	91	5.423	5.423	0.000	93	265377	20.0	20.7	
85 trans-1,3-Dichloropropene	75	5.719	5.719	0.000	97	82084	20.0	22.0	
86 Ethyl methacrylate	69	5.914	5.914	0.000	87	65831	20.0	22.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	92	38829	20.0	19.6	
88 Tetrachloroethene	166	6.096	6.096	0.000	92	50866	20.0	20.5	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	85613	20.0	20.5	
90 2-Hexanone	43	6.325	6.325	0.000	94	121591	100.0	117.0	
91 Chlorodibromomethane	129	6.427	6.427	0.000	96	48785	20.0	19.3	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	51936	20.0	20.3	
92 n-Butyl acetate	43	6.564	6.564	0.000	97	60867	20.0	21.6	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	85	449391	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	96	172940	20.0	20.4	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	50815	20.0	20.3	
97 Ethylbenzene	106	7.466	7.466	0.000	98	89972	20.0	21.5	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	107688	20.0	21.5	
99 o-Xylene	106	8.220	8.220	0.000	94	106933	20.0	20.6	
100 Styrene	104	8.254	8.254	0.000	96	177301	20.0	21.7	
101 n-Butyl acrylate	73	8.334	8.334	0.000	97	33559	20.0	20.2	
102 Bromoform	173	8.460	8.460	0.000	93	27384	20.0	21.8	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	92	64480	20.0	21.0	
104 Isopropylbenzene	105	8.825	8.825	0.000	96	224122	20.0	21.0	
$ 105 4-Bromofluorobenzene	174	9.008	9.008	0.000	84	141148	50.0	49.8	
106 Bromobenzene	156	9.190	9.190	0.000	98	67130	20.0	20.8	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	95	61951	20.0	20.8	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	98	48182	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	90	21519	20.0	19.9	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	220632	20.0	20.9	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	184664	20.0	20.2	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	200442	20.0	20.8	
113 4-Chlorotoluene	91	9.738	9.738	0.000	97	153521	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	173908	20.0	21.0	
115 Butyl Methacrylate	87	10.092	10.092	0.000	88	61787	20.0	21.8	
116 tert-Butylbenzene	119	10.298	10.298	0.000	94	130813	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	178794	20.0	20.8	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	168955	20.0	20.7	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	94	109223	20.0	21.3	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	213326	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	113681	20.0	20.6	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	144620	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	99	195454	20.0	21.2	
124 Benzyl chloride	126	11.177	11.177	0.000	98	20110	20.0	19.0	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	199914	20.0	20.5	
126 1,2-Dichlorobenzene	146	11.428	11.428	0.000	95	109429	20.0	21.4	
127 p-Diethylbenzene	119	11.496	11.496	0.000	92	82097	20.0	20.0	
128 n-Butylbenzene	92	11.519	11.519	0.000	99	72233	20.0	22.2	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	96	11065	20.0	22.5	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	96	164172	20.0	22.6	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	96	54612	20.0	23.4	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	49630	20.0	23.1	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	17198	20.0	23.9	
134 Naphthalene	128	12.946	12.946	0.000	99	172886	20.0	23.5	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	44196	20.0	23.2	
S 137 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 138 Xylenes, Total	100				0		40.0	42.0	
S 139 Total BTEX	1				0		100.0	104.3	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:23:39 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83005.d

Injection Date: 20-Oct-2022 21:54:30 Instrument ID: CVOAMS12 Operator ID:

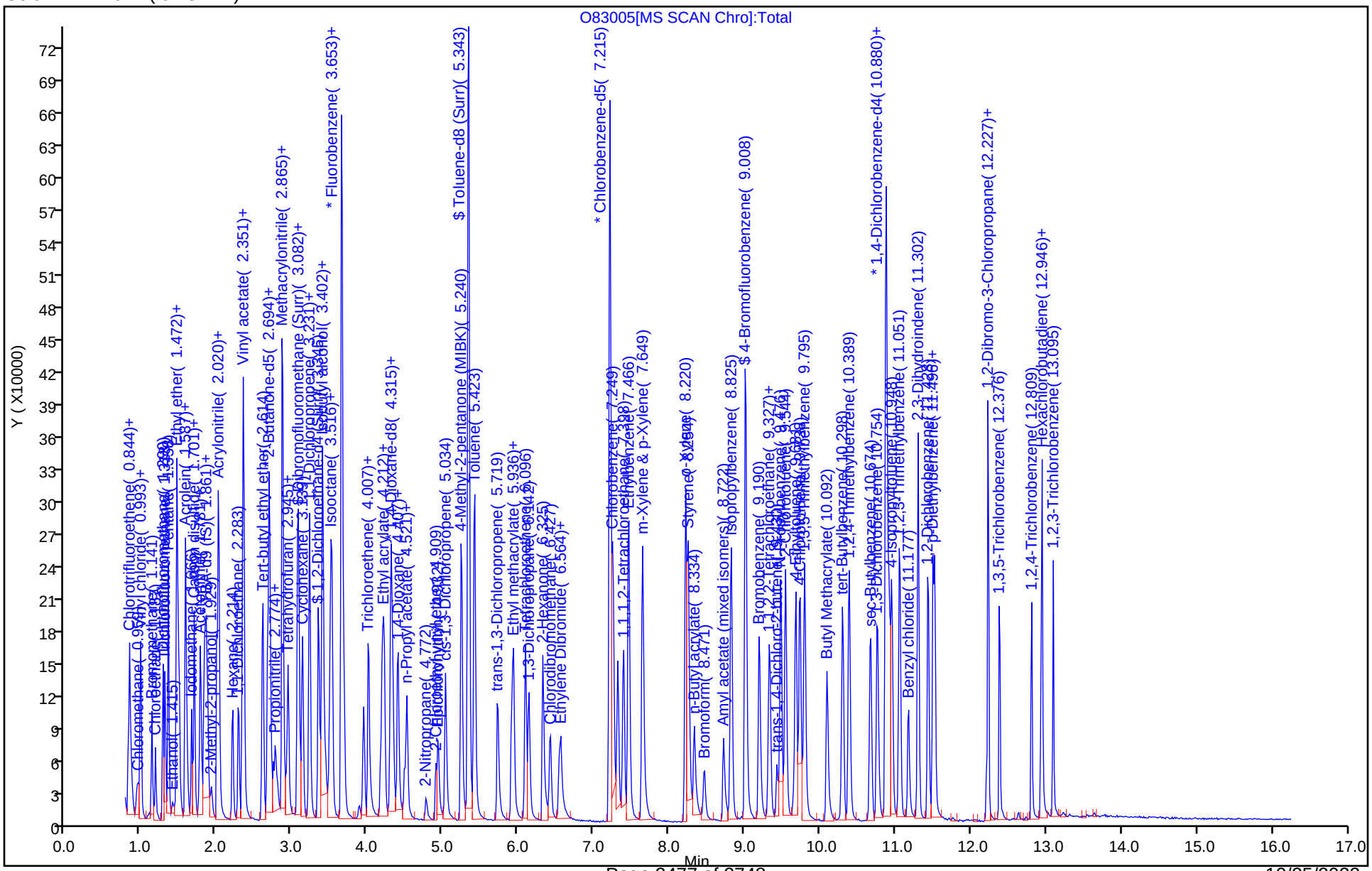
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83005.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Oct-2022 21:54:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:23:38 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:23:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	49.6	99.17
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.00
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.37
$ 105 4-Bromofluorobenzene	50.0	49.8	99.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872260/5

Matrix: Water | Lab File ID: V26577.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/16/2022 17:46

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872260 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.20
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.26
107-06-2	1,2-Dichloroethane	20.4		1.0	0.43
78-87-5	1,2-Dichloropropane	17.6		1.0	0.35
75-27-4	Bromodichloromethane	19.8		1.0	0.34
56-23-5	Carbon tetrachloride	21.7		1.0	0.21
108-90-7	Chlorobenzene	19.3		1.0	0.38
75-00-3	Chloroethane	16.2		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	13.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.22
124-48-1	Dibromochloromethane	19.0		1.0	0.28
75-09-2	Methylene Chloride	20.4		1.0	0.32
127-18-4	Tetrachloroethene	21.2		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.22
79-01-6	Trichloroethene	20.4		1.0	0.31
75-01-4	Vinyl chloride	15.9		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26577.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 16-Oct-2022 17:46:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151813-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:26:59 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 16-Oct-2022 23:58:43

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.172	1.183	-0.011	71	8860	20.0	15.2	
3	Chlorotrifluoroethene	116	1.252	1.263	-0.011	96	39855	20.0	22.7	
4	1,1-Difluoroethane	65	1.275	1.286	-0.011	83	78798	20.0	18.3	
5	Dichlorodifluoromethane	85	1.275	1.286	-0.011	100	146664	20.0	18.4	
2	Chlorodifluoromethane	67	1.309	1.320	-0.011	98	31352	20.0	21.6	
6	Chloromethane	50	1.435	1.435	0.000	100	178745	20.0	13.9	
7	Vinyl chloride	62	1.469	1.480	-0.011	98	143107	20.0	15.9	M
8	Butadiene	54	1.492	1.503	-0.011	92	173228	20.0	16.1	
9	Bromomethane	94	1.698	1.697	0.001	98	42256	20.0	13.5	
10	Chloroethane	64	1.755	1.766	-0.011	99	92799	20.0	16.2	
11	Dichlorofluoromethane	67	1.881	1.880	0.001	99	257193	20.0	18.8	
12	Trichlorofluoromethane	101	1.892	1.892	0.000	98	188196	20.0	21.0	
13	Pentane	72	1.926	1.926	0.000	96	60832	40.0	38.8	
17	Ethanol	46	2.029	2.029	0.000	97	24871	800.0	867.6	
14	Ethyl ether	74	2.063	2.075	-0.012	92	92063	20.0	18.9	
15	2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	96	174970	20.0	18.4	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.097	0.001	93	109770	20.0	22.2	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.132	2.143	-0.011	98	203233	20.0	21.8	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.189	2.200	-0.011	95	127336	20.0	22.8	
52	Acrolein	56	2.201	2.212	-0.011	97	39163	40.0	26.7	
20	1,1-Dichloroethene	96	2.235	2.235	0.000	92	119307	20.0	21.3	
23	Acetone	43	2.292	2.292	0.000	84	300107	100.0	137.2	
24	Isopropyl alcohol	45	2.361	2.360	0.001	95	83944	200.0	208.7	
21	Iodomethane	142	2.361	2.360	0.001	100	53111	20.0	12.1	
22	Carbon disulfide	76	2.383	2.395	-0.012	100	450653	20.0	20.5	
30	Methyl acetate	43	2.475	2.486	-0.011	91	345445	40.0	38.2	
26	3-Chloro-1-propene	76	2.475	2.486	-0.011	89	97033	20.0	18.9	
25	Cyclopentene	67	2.498	2.509	-0.011	94	420201	20.0	19.3	
27	Acetonitrile	41	2.532	2.532	0.000	99	179339	200.0	189.2	a
* 28	TBA-d9 (IS)	66	2.555	2.566	-0.011	98	45373	1000.0	1000.0	
29	Methylene Chloride	84	2.589	2.589	0.000	96	135658	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
31 2-Methyl-2-propanol	59	2.612	2.623	-0.011	98	140256	200.0	198.4	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	451615	20.0	19.9	
33 trans-1,2-Dichloroethene	96	2.738	2.749	-0.011	97	133227	20.0	20.5	
35 Acrylonitrile	53	2.783	2.795	-0.012	93	797335	200.0	198.1	
36 Hexane	57	2.863	2.863	0.000	94	259619	20.0	19.6	
37 Isopropyl ether	45	3.024	3.035	-0.011	97	645524	20.0	18.2	
38 1,1-Dichloroethane	63	3.069	3.080	-0.011	58	313807	20.0	20.0	
40 Vinyl acetate	86	3.069	3.080	-0.011	100	60886	40.0	44.2	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	94	125990	20.0	20.7	
41 Tert-butyl ethyl ether	59	3.298	3.309	-0.011	87	522558	20.0	19.4	
* 42 2-Butanone-d5	46	3.481	3.492	-0.011	99	553478	250.0	250.0	
43 2,2-Dichloropropane	97	3.504	3.503	0.001	95	48689	20.0	22.2	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	45	140238	20.0	20.7	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	95378	100.0	103.4	
47 Ethyl acetate	70	3.538	3.538	0.000	93	38252	40.0	43.4	
46 Methyl acrylate	55	3.595	3.595	0.000	98	151588	20.0	18.1	
48 Propionitrile	54	3.652	3.663	-0.011	98	273569	200.0	186.3	
50 Tetrahydrofuran	72	3.744	3.743	0.001	67	43490	40.0	36.7	
49 Chlorobromomethane	128	3.744	3.743	0.001	90	58284	20.0	23.1	
54 Methacrylonitrile	67	3.744	3.755	-0.011	98	742186	200.0	194.5	
51 Chloroform	83	3.789	3.789	0.000	96	241468	20.0	20.2	
53 Cyclohexane	84	3.904	3.915	-0.011	99	221848	20.0	20.0	
55 1,1,1-Trichloroethane	97	3.915	3.926	-0.011	95	210102	20.0	21.1	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	177609	50.0	53.9	
57 Carbon tetrachloride	117	4.029	4.041	-0.011	97	172007	20.0	21.7	
58 1,1-Dichloropropene	75	4.064	4.063	0.001	90	218910	20.0	20.6	
61 Isobutyl alcohol	43	4.189	4.189	0.000	92	308785	500.0	464.7	
64 Isooctane	57	4.212	4.212	0.000	98	488779	20.0	18.3	
59 Benzene	78	4.246	4.246	0.000	97	596994	20.0	18.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	97	265755	50.0	50.1	
66 Isopropyl acetate	87	4.292	4.303	-0.011	94	128042	20.0	19.9	
62 Tert-amyl methyl ether	73	4.304	4.303	0.001	91	457589	20.0	19.4	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	97	215148	20.0	20.4	
65 n-Heptane	57	4.395	4.395	0.000	98	109116	20.0	18.3	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	706633	50.0	50.0	
70 n-Butanol	56	4.864	4.875	-0.011	95	51523	500.0	390.5	
69 Trichloroethene	95	4.887	4.886	0.001	94	135115	20.0	20.4	
72 Methylcyclohexane	83	5.001	5.001	0.000	77	232620	20.0	20.1	
71 Ethyl acrylate	99	5.001	5.001	0.000	94	20169	20.0	20.4	a
73 1,2-Dichloropropane	63	5.172	5.172	0.000	86	160537	20.0	17.6	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	44	21665	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	72526	40.0	40.4	
78 1,4-Dioxane	88	5.298	5.298	0.000	28	22242	400.0	421.7	
77 n-Propyl acetate	43	5.309	5.309	0.000	98	318940	20.0	18.5	
75 Dibromomethane	93	5.309	5.321	-0.012	42	77957	20.0	19.4	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	177309	20.0	19.8	
34 2-Nitropropane	41	5.812	5.812	0.000	99	117718	40.0	36.1	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	80	102391	20.0	19.0	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	387151	400.0	461.2	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	98	247012	20.0	19.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.166	-0.011	99	1040006	100.0	108.2	
$ 82 Toluene-d8 (Surr)	98	6.247	6.246	0.001	98	827628	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.327	6.338	-0.011	92	572265	20.0	18.5	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	221549	20.0	18.7	
86 Ethyl methacrylate	69	6.761	6.761	0.000	96	179957	20.0	18.6	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.001	92	102646	20.0	18.3	
88 Tetrachloroethene	166	7.012	7.012	0.000	93	115082	20.0	21.2	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	95	227889	20.0	18.7	
91 2-Hexanone	43	7.264	7.275	-0.011	98	662564	100.0	104.5	
92 n-Butyl acetate	43	7.413	7.412	0.001	97	328561	20.0	17.0	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	106225	20.0	19.0	
93 Ethylene Dibromide	107	7.618	7.618	0.000	98	107312	20.0	19.2	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	93	455449	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	89	322142	20.0	19.3	
97 Ethylbenzene	106	8.304	8.304	0.000	99	182451	20.0	19.6	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	93	105639	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	216061	20.0	19.2	
100 o-Xylene	106	8.876	8.875	0.001	92	215443	20.0	20.0	
99 n-Butyl acrylate	73	8.887	8.887	0.000	95	96053	20.0	16.3	
101 Styrene	104	8.910	8.910	0.000	91	339253	20.0	19.9	
102 Amyl acetate (mixed isomers)	43	9.116	9.115	0.001	87	353697	20.0	17.3	
103 Bromoform	173	9.127	9.127	0.000	94	71227	20.0	20.7	
104 Isopropylbenzene	105	9.241	9.241	0.000	98	542475	20.0	19.8	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	191551	50.0	55.4	
107 Bromobenzene	156	9.573	9.572	0.001	92	118903	20.0	20.5	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	98	158051	20.0	17.8	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	682580	20.0	19.5	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	40488	20.0	17.3	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	87	60875	20.0	17.5	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	449531	20.0	18.8	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	535086	20.0	19.4	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.001	92	428439	20.0	18.9	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	428272	20.0	19.1	
117 Butyl Methacrylate	87	9.916	9.915	0.001	93	135362	20.0	15.9	
118 tert-Butylbenzene	119	10.087	10.087	0.000	91	361575	20.0	19.2	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	433531	20.0	18.9	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	535397	20.0	20.0	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	90	216724	20.0	20.2	
121 4-Isopropyltoluene	119	10.396	10.407	-0.011	97	437121	20.0	20.5	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	207378	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	88	218581	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.499	10.498	0.001	98	423470	20.0	18.4	
125 Benzyl chloride	91	10.613	10.613	0.000	97	313098	20.0	19.0	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	402112	20.0	18.8	
126 p-Diethylbenzene	119	10.716	10.715	0.001	91	212307	20.0	19.0	
127 n-Butylbenzene	92	10.739	10.738	0.001	98	216220	20.0	17.8	
128 1,2-Dichlorobenzene	146	10.796	10.795	0.001	92	200190	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	319453	20.0	17.6	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	87	26993	20.0	18.4	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	94	128474	20.0	19.4	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	92	115902	20.0	18.8	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	92	48818	20.0	19.7	
134 Naphthalene	128	12.179	12.178	0.001	99	295607	20.0	17.3	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	95	106161	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 137 Xylenes, Total	100				0		40.0	39.2	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.8	
S 139 Total BTEX	1				0		100.0	95.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL		
GASES Li_00498	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00160	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 17-Oct-2022 15:27:57 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26577.D

Injection Date: 16-Oct-2022 17:46:30 Instrument ID: CVOAMS7

Lims ID: LCSD

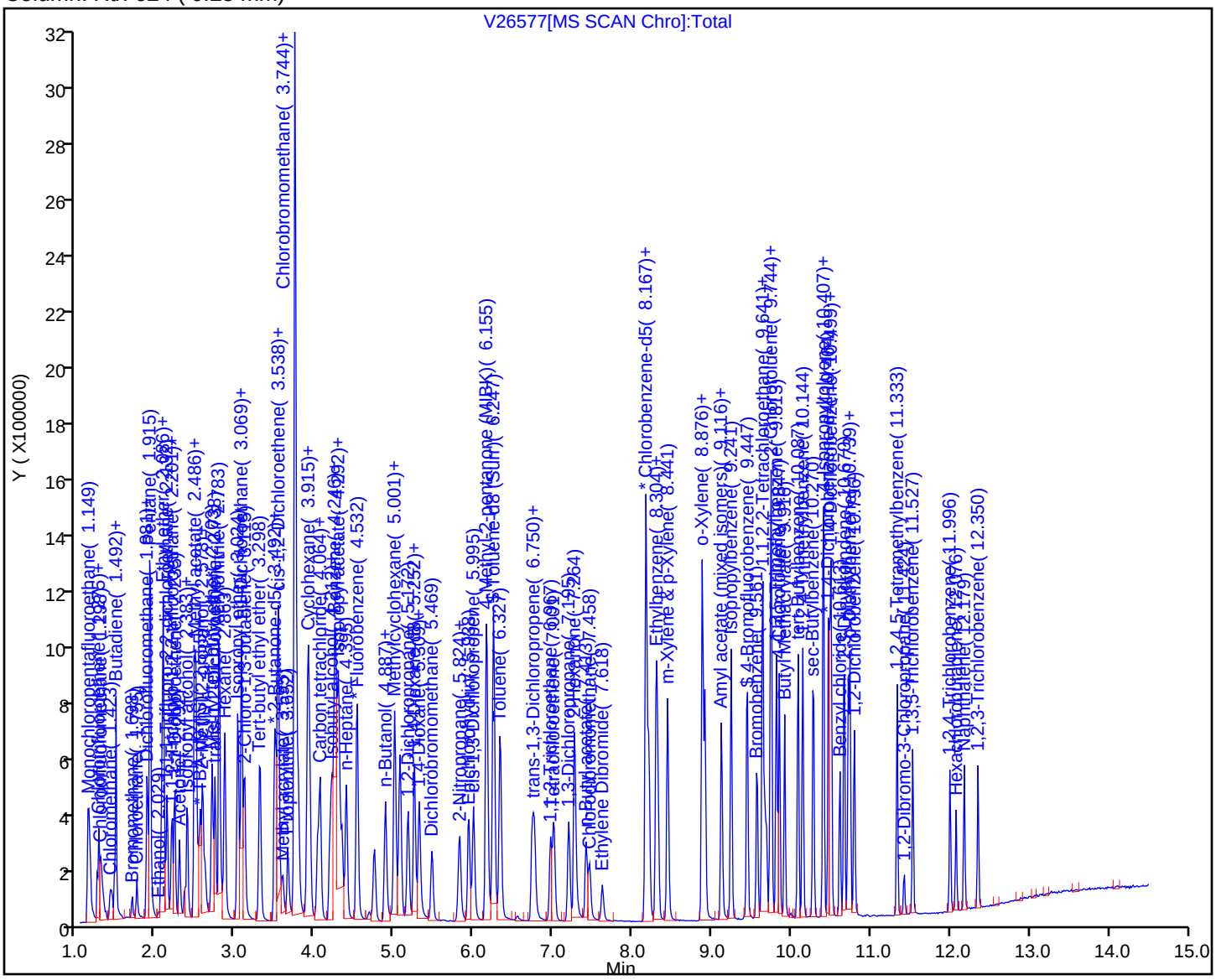
Client ID:

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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26577.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 16-Oct-2022 17:46:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151813-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:26:59 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 16-Oct-2022 23:58:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.9	107.78
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.24
$ 82 Toluene-d8 (Surr)	50.0	47.8	95.67
$ 105 4-Bromofluorobenzene	50.0	55.4	110.84

Manual Integration/User Assign Peak Report

Eurofins Edison

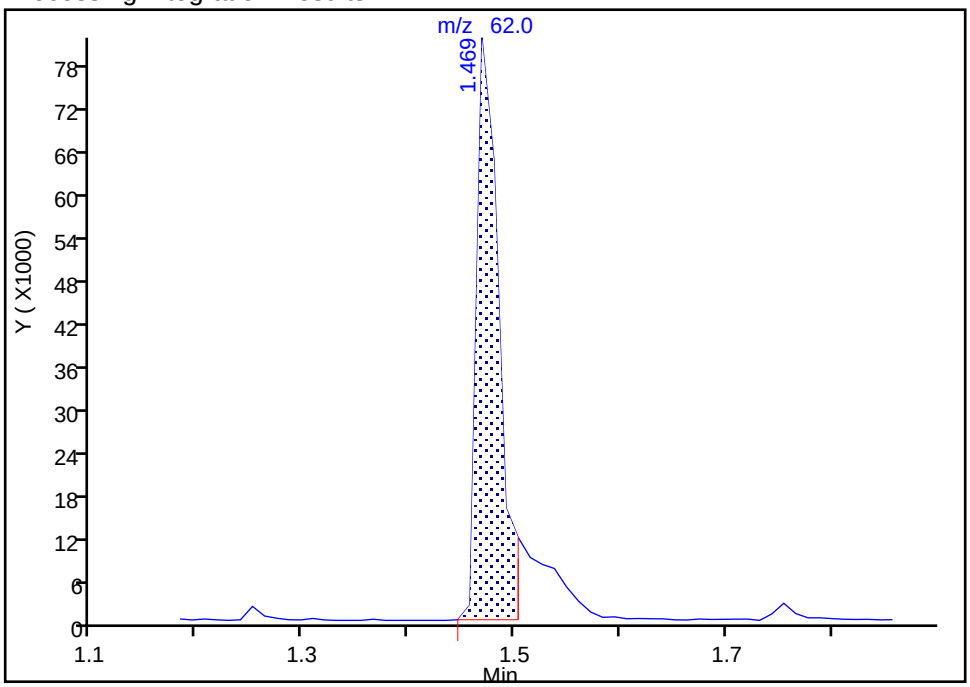
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26577.D
Injection Date: 16-Oct-2022 17:46:30 Instrument ID: CVOAMS7
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

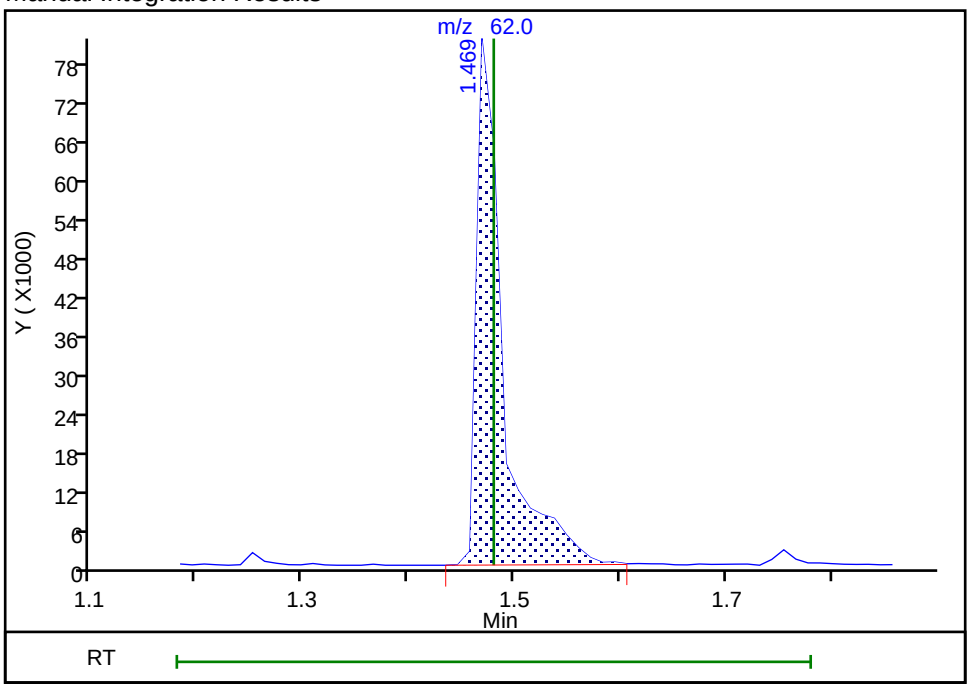
Processing Integration Results

RT: 1.47
Area: 120306
Amount: 13.341927
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 143107
Amount: 15.870556
Amount Units: ug/l



Reviewer: HVW2, 17-Oct-2022 00:05:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872315/19

Matrix: Solid | Lab File ID: D99219.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 12:33

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0189		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0171		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0185		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0179		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0193		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0174		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0187		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0178		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0189		0.0010	0.00039
108-90-7	Chlorobenzene	0.0184		0.0010	0.00018
75-00-3	Chloroethane	0.0188		0.0010	0.00052
67-66-3	Chloroform	0.0178		0.0010	0.00097
74-87-3	Chloromethane	0.0181		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0180		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0184		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0181		0.0010	0.00019
75-09-2	Methylene Chloride	0.0185		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0193		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0184		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0182		0.0010	0.00027
79-01-6	Trichloroethene	0.0190		0.0010	0.00032
75-01-4	Vinyl chloride	0.0221		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	99		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99219.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 12:33:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151823-019
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:27:20 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:43:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	84	32383	20.0	9.36	
3 1,1-Difluoroethane	65	1.260	1.254	0.006	96	55975	20.0	16.8	
4 Dichlorodifluoromethane	85	1.278	1.272	0.006	99	162721	20.0	18.4	M
5 Chlorodifluoromethane	51	1.303	1.297	0.006	97	128165	20.0	17.0	
6 Chloromethane	50	1.449	1.449	0.000	99	124924	20.0	18.1	
8 Vinyl chloride	62	1.540	1.541	-0.001	99	163638	20.0	22.1	
7 Butadiene	54	1.565	1.565	0.000	95	135511	20.0	18.6	
9 Bromomethane	94	1.839	1.833	0.006	99	96659	20.0	17.9	
10 Chloroethane	64	1.931	1.931	0.000	100	65704	20.0	18.8	
13 Trichlorofluoromethane	101	2.126	2.126	0.000	98	162919	20.0	20.0	
11 Dichlorofluoromethane	67	2.132	2.126	0.006	99	161652	20.0	18.3	
12 Pentane	72	2.181	2.175	0.006	96	42024	40.0	43.6	
15 Ethanol	46	2.382	2.376	0.006	91	8187	800.0	898.7	
14 Ethyl ether	59	2.400	2.394	0.006	91	47046	20.0	17.5	
16 2-Methyl-1,3-butadiene	53	2.412	2.406	0.006	98	90153	20.0	20.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.455	0.006	84	83968	20.0	19.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.522	0.006	95	128677	20.0	18.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	97	103380	20.0	19.7	
19 Acrolein	56	2.583	2.577	0.006	97	79715	300.4	261.4	
21 1,1-Dichloroethene	96	2.607	2.607	0.000	97	86750	20.0	19.3	
22 Acetone	43	2.717	2.717	0.000	87	50356	100.0	83.2	
23 Iodomethane	142	2.766	2.766	0.000	99	111090	20.0	15.4	
24 Carbon disulfide	76	2.796	2.790	0.006	99	302402	20.0	19.2	
25 Isopropyl alcohol	45	2.851	2.851	0.000	98	21116	200.0	183.7	
26 3-Chloro-1-propene	76	2.967	2.967	0.000	89	46773	20.0	16.9	
28 Cyclopentene	67	2.985	2.979	0.006	94	226712	20.0	19.6	
27 Methyl acetate	43	2.998	2.991	0.007	98	52649	40.0	34.7	
29 Acetonitrile	40	3.052	3.046	0.006	99	23139	200.0	189.6	
30 Methylene Chloride	84	3.113	3.113	0.000	90	81331	20.0	18.5	
* 31 TBA-d9 (IS)	65	3.132	3.126	0.006	0	156772	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.211	3.211	0.000	98	35859	200.0	177.7	

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	3.296	3.296	0.000	96	149458	20.0	18.0	
34 trans-1,2-Dichloroethene	96	3.327	3.321	0.006	93	90614	20.0	18.4	
35 Acrylonitrile	53	3.412	3.412	0.000	93	128545	200.0	176.6	
36 Hexane	57	3.510	3.504	0.006	92	128357	20.0	19.8	
37 Isopropyl ether	45	3.760	3.760	0.000	97	188735	20.0	18.8	
38 1,1-Dichloroethane	63	3.784	3.778	0.006	99	138770	20.0	17.9	
39 Vinyl acetate	86	3.821	3.814	0.007	99	18911	40.0	31.9	
40 2-Chloro-1,3-butadiene	88	3.833	3.827	0.006	90	80357	20.0	19.3	
41 Tert-butyl ethyl ether	59	4.131	4.125	0.006	89	172692	20.0	18.9	
43 2,2-Dichloropropane	79	4.351	4.345	0.006	94	40683	20.0	18.4	
* 42 2-Butanone-d5	46	4.357	4.351	0.006	96	154243	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.394	4.388	0.006	96	87108	20.0	18.0	
45 2-Butanone (MEK)	72	4.424	4.418	0.006	100	20933	100.0	87.9	
46 Ethyl acetate	70	4.442	4.436	0.006	97	8779	40.0	39.1	
47 Methyl acrylate	55	4.497	4.491	0.006	100	31472	20.0	17.8	
48 Propionitrile	54	4.570	4.570	0.000	98	46879	200.0	194.0	
49 Chlorobromomethane	128	4.656	4.650	0.006	76	37291	20.0	18.3	
50 Tetrahydrofuran	72	4.656	4.650	0.006	62	8700	40.0	39.5	
51 Methacrylonitrile	67	4.692	4.686	0.006	91	163616	200.0	172.5	
52 Chloroform	83	4.735	4.729	0.006	99	132247	20.0	17.8	
53 Cyclohexane	84	4.851	4.845	0.006	89	128930	20.0	19.5	
54 1,1,1-Trichloroethane	97	4.875	4.869	0.006	98	129216	20.0	18.9	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.912	0.006	97	181358	50.0	49.4	
56 Carbon tetrachloride	117	5.015	5.009	0.006	97	118091	20.0	18.9	
57 1,1-Dichloropropene	75	5.064	5.058	0.006	97	113476	20.0	19.5	
58 Isobutyl alcohol	43	5.271	5.272	-0.001	84	79185	500.0	448.7	
59 Benzene	78	5.290	5.284	0.006	96	293146	20.0	18.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	97	144701	50.0	46.3	
61 Tert-amyl methyl ether	87	5.393	5.387	0.006	92	43996	20.0	17.8	
63 1,2-Dichloroethane	62	5.412	5.406	0.006	97	73312	20.0	17.4	
62 Isopropyl acetate	61	5.406	5.406	0.000	98	22111	20.0	17.0	
64 n-Heptane	43	5.509	5.503	0.006	88	110700	20.0	19.2	
* 65 Fluorobenzene	96	5.649	5.643	0.006	99	523239	50.0	50.0	
67 Trichloroethene	95	6.076	6.070	0.006	97	81662	20.0	19.0	
66 n-Butanol	56	6.107	6.101	0.006	94	12267	500.0	326.8	
68 Methylcyclohexane	83	6.204	6.204	0.000	95	138583	20.0	19.6	
69 Ethyl acrylate	55	6.259	6.253	0.006	99	34179	20.0	18.5	
70 1,2-Dichloropropane	63	6.418	6.412	0.006	89	63725	20.0	18.7	
* 71 1,4-Dioxane-d8	96	6.503	6.497	0.006	0	17647	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.546	0.006	84	21602	40.0	36.0	
73 1,4-Dioxane	88	6.570	6.564	0.006	37	8526	400.0	274.0	
74 Dibromomethane	93	6.576	6.570	0.006	93	35278	20.0	17.6	
75 n-Propyl acetate	43	6.631	6.625	0.006	98	42440	20.0	17.5	
76 Dichlorobromomethane	83	6.771	6.771	0.000	99	85078	20.0	17.8	
77 2-Nitropropane	41	7.137	7.137	0.000	98	18095	40.0	35.0	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	23185	20.0	18.0	
79 Epichlorohydrin	57	7.265	7.253	0.012	91	3078	20.0	18.4	a
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	91	93666	20.0	18.4	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.466	0.006	96	138361	100.0	90.6	
$ 82 Toluene-d8 (Surr)	98	7.533	7.527	0.006	99	582978	50.0	50.2	
83 Toluene	91	7.600	7.600	0.000	93	290022	20.0	18.2	
84 trans-1,3-Dichloropropene	75	7.929	7.923	0.006	95	76503	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	48913	20.0	17.3	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	38686	20.0	18.5	
87 Tetrachloroethene	166	8.125	8.125	0.000	98	87347	20.0	19.3	
88 1,3-Dichloropropane	76	8.265	8.259	0.006	92	70716	20.0	18.8	
89 2-Hexanone	43	8.320	8.314	0.006	95	88707	100.0	89.7	
90 n-Butyl acetate	73	8.417	8.411	0.006	98	9311	20.0	18.2	
91 Chlorodibromomethane	129	8.442	8.442	0.000	97	55596	20.0	18.1	
92 Ethylene Dibromide	107	8.551	8.545	0.006	99	44555	20.0	19.1	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	403577	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	97	175540	20.0	18.4	
95 Ethylbenzene	106	9.027	9.027	0.000	98	101689	20.0	18.2	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.039	0.006	96	60377	20.0	17.8	
97 m-Xylene & p-Xylene	106	9.130	9.131	-0.001	0	122910	20.0	18.6	
98 n-Butyl acrylate	73	9.447	9.448	-0.001	97	31106	20.0	17.7	
99 o-Xylene	106	9.466	9.460	0.006	94	114113	20.0	17.9	
100 Styrene	104	9.490	9.484	0.006	96	180388	20.0	17.7	
101 Amyl acetate (mixed isomers)	43	9.630	9.624	0.006	91	57392	20.0	18.3	
102 Bromoform	173	9.667	9.661	0.006	97	33295	20.0	17.8	
103 Isopropylbenzene	105	9.752	9.746	0.006	95	317701	20.0	19.1	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	181586	50.0	50.6	
105 Bromobenzene	156	10.027	10.021	0.006	90	75464	20.0	18.3	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	98	43972	20.0	17.1	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	380197	20.0	18.4	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	95	12750	20.0	17.0	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	86	9543	20.0	16.1	
110 4-Ethyltoluene	105	10.161	10.155	0.006	90	318940	20.0	17.7	
111 2-Chlorotoluene	91	10.161	10.161	0.000	87	232289	20.0	17.1	
112 1,3,5-Trimethylbenzene	105	10.210	10.210	0.000	93	254036	20.0	18.0	
113 4-Chlorotoluene	91	10.252	10.246	0.006	97	211907	20.0	17.7	
114 Butyl Methacrylate	87	10.277	10.277	0.000	88	66870	20.0	18.3	
115 tert-Butylbenzene	119	10.447	10.441	0.006	95	234143	20.0	18.4	
116 1,2,4-Trimethylbenzene	105	10.496	10.490	0.006	97	250626	20.0	17.8	
117 sec-Butylbenzene	105	10.612	10.606	0.006	99	357509	20.0	18.6	
118 4-Isopropyltoluene	119	10.716	10.709	0.007	98	297996	20.0	17.9	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	97	144271	20.0	17.4	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.783	0.000	93	222317	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.795	0.006	96	145673	20.0	17.5	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	249904	20.0	17.6	
123 Benzyl chloride	126	10.905	10.905	0.000	99	18717	20.0	18.0	
124 2,3-Dihydroindene	117	10.959	10.953	0.006	94	261974	20.0	18.4	
125 p-Diethylbenzene	119	10.990	10.990	0.000	94	198526	20.0	21.0	
126 n-Butylbenzene	92	11.008	11.008	0.000	97	157687	20.0	18.0	
127 1,2-Dichlorobenzene	146	11.075	11.069	0.006	98	125460	20.0	18.1	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	242163	20.0	18.2	
129 1,2-Dibromo-3-Chloropropane	157	11.667	11.661	0.006	94	7538	20.0	17.0	
130 1,3,5-Trichlorobenzene	180	11.782	11.776	0.006	98	105201	20.0	18.2	
131 1,2,4-Trichlorobenzene	180	12.337	12.331	0.006	94	76167	20.0	19.1	
132 Hexachlorobutadiene	225	12.435	12.429	0.006	96	59478	20.0	19.7	
133 Naphthalene	128	12.587	12.581	0.006	99	111278	20.0	21.0	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	59262	20.0	19.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.4	
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.6	

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	36.5	
S 138 Total BTEX	1				0		100.0	91.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00142	Amount Added:	3.00	Units: uL	
8FreonsSS_00050	Amount Added:	2.00	Units: uL	
8260 SP_00159	Amount Added:	2.00	Units: uL	
GAS C SP_00484	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Oct-2022 13:27:21 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99219.D

Injection Date: 17-Oct-2022 12:33:30 Instrument ID: CVOAMS4 Operator ID:

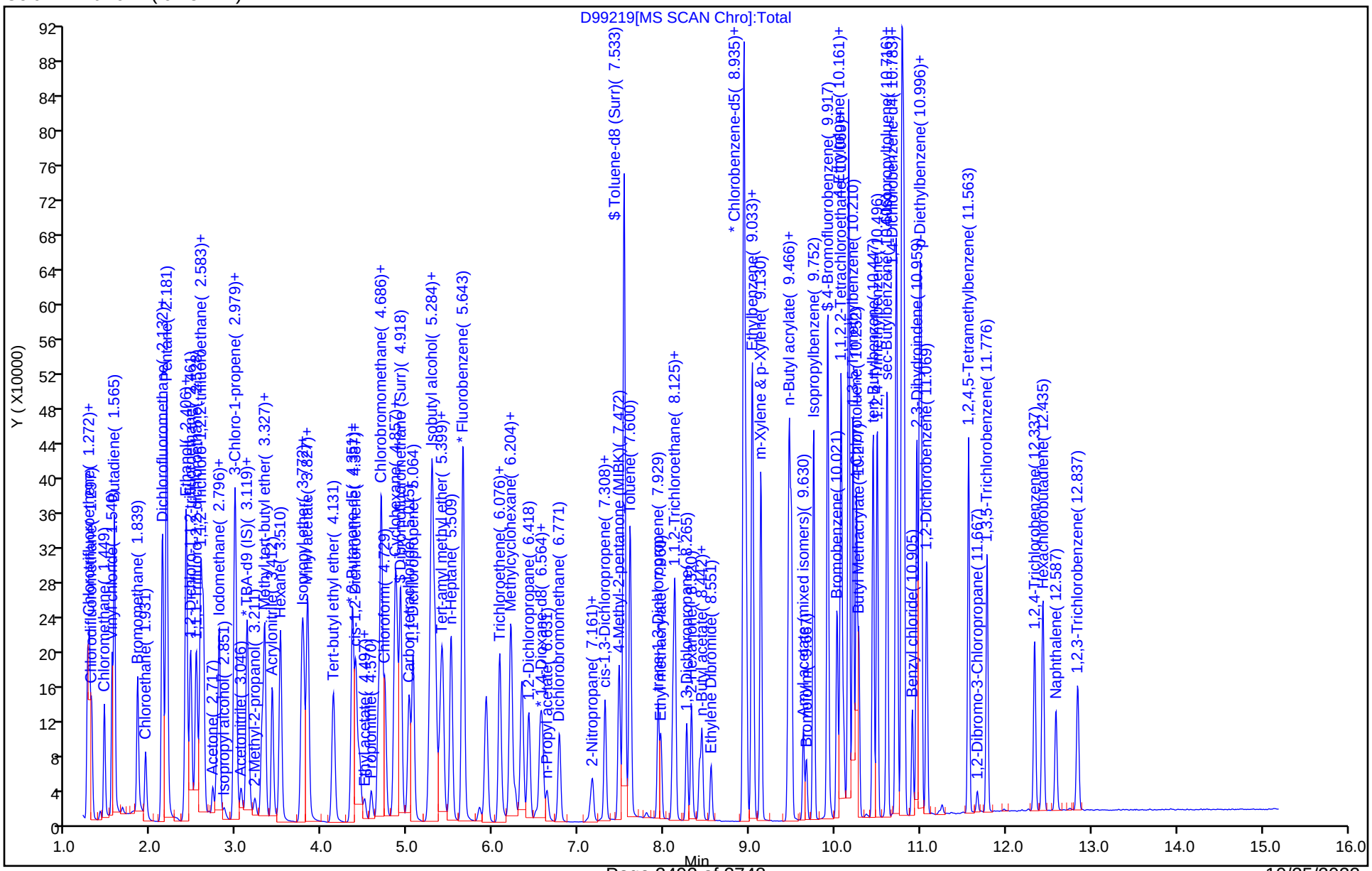
Lims ID: LCSD Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99219.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 12:33:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151823-019
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:27:20 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:43:46

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.4	98.78
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.3	92.50
$ 82 Toluene-d8 (Surr)	50.0	50.2	100.43
$ 104 4-Bromofluorobenzene	50.0	50.6	101.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872317/4

Matrix: Solid | Lab File ID: B93111.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 05:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0226		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0178		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0184		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0203		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0216		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0198		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0200		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0197		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0222		0.0010	0.00039
108-90-7	Chlorobenzene	0.0183		0.0010	0.00018
75-00-3	Chloroethane	0.0191		0.0010	0.00052
67-66-3	Chloroform	0.0206		0.0010	0.00097
74-87-3	Chloromethane	0.0175		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0213		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0184		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0178		0.0010	0.00019
75-09-2	Methylene Chloride	0.0233		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0196		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0229		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0184		0.0010	0.00027
79-01-6	Trichloroethene	0.0213		0.0010	0.00032
75-01-4	Vinyl chloride	0.0167		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		72-145
460-00-4	Bromofluorobenzene	95		75-139
1868-53-7	Dibromofluoromethane (Surr)	112		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93111.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 05:31:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151824-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:13:26 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: N1JZ Date: 17-Oct-2022 06:41:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.795	0.788	0.007	43	5134	20.0	13.6	M
2 1,1-Difluoroethane	51	0.868	0.855	0.013	92	143899	20.0	15.8	
3 Dichlorodifluoromethane	85	0.874	0.868	0.006	56	90881	20.0	18.4	
4 Chlorodifluoromethane	67	0.886	0.880	0.006	94	12154	20.0	18.5	a
5 Chloromethane	50	0.990	0.977	0.013	99	104204	20.0	17.5	
6 Butadiene	54	1.045	1.038	0.007	95	82808	20.0	18.2	
7 Vinyl chloride	62	1.045	1.038	0.007	91	71856	20.0	16.7	
8 Bromomethane	94	1.240	1.227	0.013	98	42687	20.0	18.4	
9 Chloroethane	64	1.264	1.258	0.006	99	41297	20.0	19.1	
10 Dichlorofluoromethane	67	1.404	1.398	0.006	99	108901	20.0	17.5	
12 Pentane	43	1.441	1.428	0.013	97	267817	40.0	40.4	
11 Trichlorofluoromethane	101	1.441	1.428	0.013	38	77039	20.0	18.4	M
13 Ethyl ether	59	1.575	1.556	0.019	67	54564	20.0	19.7	
14 Ethanol	46	1.581	1.575	0.006	51	17668	800.0	742.8	M
15 2-Methyl-1,3-butadiene	53	1.581	1.581	0.000	97	72673	20.0	20.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.612	1.611	0.001	91	43131	20.0	17.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.654	1.642	0.012	93	77459	20.0	17.0	a
18 Acrolein	56	1.660	1.648	0.012	96	147394	300.0	249.6	
19 1,1-Dichloroethene	96	1.721	1.709	0.012	93	58141	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.764	1.752	0.012	76	64889	20.0	23.1	
21 Acetone	43	1.770	1.758	0.012	85	106532	100.0	91.9	
22 Iodomethane	142	1.813	1.806	0.007	98	99604	20.0	21.6	
23 Carbon disulfide	76	1.855	1.843	0.012	100	223550	20.0	21.0	
24 Isopropyl alcohol	45	1.904	1.880	0.024	96	73895	200.0	179.6	
25 3-Chloro-1-propene	39	1.965	1.953	0.012	93	125181	20.0	23.7	
26 Methyl acetate	43	1.996	1.983	0.013	99	137513	40.0	46.6	
27 Acetonitrile	39	2.020	2.008	0.012	39	79001	200.0	195.8	a
28 Methylene Chloride	84	2.057	2.050	0.007	99	82154	20.0	23.3	
* 29 TBA-d9 (IS)	65	2.148	2.142	0.006	0	569860	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.203	2.197	0.006	91	108243	200.0	175.9	
31 Acrylonitrile	53	2.246	2.239	0.007	95	311086	200.0	166.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.258	2.245	0.013	98	77034	20.0	22.9	
33 Methyl tert-butyl ether	73	2.294	2.288	0.006	98	221993	20.0	21.6	
34 Hexane	57	2.477	2.465	0.012	95	148745	20.0	22.9	
35 1,1-Dichloroethane	63	2.587	2.575	0.013	99	153857	20.0	20.3	
36 Vinyl acetate	86	2.654	2.635	0.019	100	24740	40.0	40.5	a
37 2-Chloro-1,3-butadiene	88	2.660	2.654	0.006	91	69021	20.0	23.3	
38 Isopropyl ether	45	2.691	2.678	0.013	92	315478	20.0	20.1	
39 Tert-butyl ethyl ether	87	3.008	3.001	0.007	88	87062	20.0	21.4	
* 40 2-Butanone-d5	46	3.087	3.081	0.007	0	562488	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.099	3.093	0.006	89	79747	20.0	21.3	
42 2,2-Dichloropropane	79	3.099	3.099	0.000	53	35589	20.0	21.5	
43 2-Butanone (MEK)	72	3.148	3.141	0.007	99	44585	100.0	102.7	
44 Propionitrile	54	3.197	3.184	0.013	96	120125	200.0	190.1	
45 Ethyl acetate	43	3.221	3.215	0.006	99	176422	40.0	36.2	
62 Methyl acrylate	55	3.239	3.233	0.006	99	90295	20.0	20.9	
46 Chlorobromomethane	128	3.319	3.318	0.001	95	33812	20.0	21.1	
47 Methacrylonitrile	67	3.337	3.324	0.013	95	304772	200.0	211.4	
48 Tetrahydrofuran	42	3.398	3.391	0.007	88	61888	40.0	40.1	
49 Chloroform	83	3.422	3.416	0.006	97	127960	20.0	20.6	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.574	0.007	96	190962	50.0	56.1	
51 1,1,1-Trichloroethane	97	3.587	3.580	0.007	60	104419	20.0	22.6	
52 Cyclohexane	84	3.636	3.635	0.001	96	126111	20.0	23.4	
53 Carbon tetrachloride	117	3.757	3.745	0.012	69	83650	20.0	22.2	
54 1,1-Dichloropropene	75	3.751	3.751	0.000	92	105122	20.0	21.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.910	0.012	0	230389	50.0	53.8	
56 Benzene	78	3.971	3.958	0.013	98	306439	20.0	18.2	
57 1,2-Dichloroethane	62	4.001	3.995	0.006	97	93932	20.0	19.8	
58 Isobutyl alcohol	42	4.026	4.025	0.001	96	81161	500.0	466.0	
59 Tert-amyl methyl ether	73	4.166	4.160	0.006	73	250390	20.0	21.1	
73 Isopropyl acetate	61	4.166	4.160	0.006	93	28404	20.0	20.5	
* 60 Fluorobenzene	96	4.306	4.300	0.006	98	717064	50.0	50.0	
61 n-Heptane	43	4.343	4.336	0.007	98	170940	20.0	21.3	
63 Trichloroethene	95	4.751	4.739	0.012	97	71241	20.0	21.3	
64 n-Butanol	43	4.843	4.836	0.007	94	39250	500.0	426.9	
65 Methylcyclohexane	83	4.977	4.976	0.001	84	145870	20.0	23.3	
66 Ethyl acrylate	55	4.983	4.983	0.000	94	228877	20.0	21.8	
67 1,2-Dichloropropane	63	5.026	5.019	0.007	92	84298	20.0	20.0	
68 Dibromomethane	93	5.172	5.165	0.007	92	38508	20.0	20.9	
* 69 1,4-Dioxane-d8	96	5.215	5.208	0.006	0	40038	1000.0	1000.0	
70 1,4-Dioxane	88	5.275	5.281	-0.006	94	16362	400.0	379.3	
71 Methyl methacrylate	100	5.288	5.287	0.001	96	30433	40.0	45.3	
81 n-Propyl acetate	43	5.416	5.409	0.007	99	113859	20.0	19.8	
72 Dichlorobromomethane	83	5.428	5.428	0.000	98	83147	20.0	19.7	
74 2-Nitropropane	41	5.775	5.775	0.000	98	29761	40.0	39.1	
75 2-Chloroethyl vinyl ether	63	5.928	5.928	0.000	93	46913	20.0	21.2	
76 Epichlorohydrin	57	5.977	5.976	0.001	99	158451	400.0	387.5	
77 cis-1,3-Dichloropropene	75	6.080	6.080	0.000	97	115208	20.0	18.4	
78 4-Methyl-2-pentanone (MIBK)	43	6.391	6.391	0.000	98	427790	100.0	93.0	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	797114	50.0	48.9	
80 Toluene	91	6.562	6.555	0.007	92	299168	20.0	18.7	
82 trans-1,3-Dichloropropene	75	6.982	6.988	-0.006	97	94415	20.0	18.4	
84 Ethyl methacrylate	69	7.251	7.250	0.001	91	86041	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.263	7.263	0.000	96	47894	20.0	18.4	
85 Tetrachloroethene	166	7.427	7.421	0.006	95	63498	20.0	19.6	
86 1,3-Dichloropropane	76	7.519	7.519	0.000	99	100309	20.0	18.3	
87 2-Hexanone	43	7.799	7.799	0.000	99	283160	100.0	97.8	
88 Chlorodibromomethane	129	7.879	7.878	0.001	98	51608	20.0	17.8	
89 Ethylene Dibromide	107	8.013	8.006	0.007	98	52022	20.0	18.4	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	121556	20.0	17.8	
* 91 Chlorobenzene-d5	117	8.885	8.884	0.001	89	542303	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	91	171241	20.0	18.3	
93 1,1,1,2-Tetrachloroethane	131	9.134	9.134	0.000	94	55399	20.0	17.7	
94 Ethylbenzene	106	9.195	9.201	-0.006	99	97000	20.0	19.0	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	120635	20.0	19.8	
96 o-Xylene	106	10.073	10.073	0.000	92	117238	20.0	19.4	
97 Styrene	104	10.110	10.110	0.000	96	188103	20.0	19.1	
98 n-Butyl acrylate	73	10.238	10.244	-0.006	96	44364	20.0	18.0	
99 Bromoform	173	10.348	10.347	0.001	94	30905	20.0	17.4	
101 Amyl acetate (mixed isomers)	43	10.665	10.664	0.001	88	135656	20.0	17.6	
102 Isopropylbenzene	105	10.738	10.731	0.007	97	307843	20.0	19.7	
$ 103 4-Bromofluorobenzene	174	10.933	10.933	0.000	86	210798	50.0	47.5	
104 Bromobenzene	156	11.104	11.103	0.001	95	70321	20.0	17.9	
105 1,2,3-Trichloropropane	110	11.286	11.280	0.006	85	19239	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.280	0.006	95	77559	20.0	17.8	
107 trans-1,4-Dichloro-2-butene	53	11.372	11.378	-0.006	84	24777	20.0	17.7	
108 N-Propylbenzene	120	11.408	11.408	0.000	99	82932	20.0	19.1	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	70524	20.0	18.6	
110 4-Ethyltoluene	105	11.610	11.609	0.001	99	306478	20.0	18.7	
111 4-Chlorotoluene	91	11.658	11.658	0.000	98	241067	20.0	18.5	
112 1,3,5-Trimethylbenzene	105	11.732	11.731	0.001	92	258675	20.0	18.8	
100 Butyl Methacrylate	87	12.079	12.079	0.000	96	74024	20.0	17.5	
113 tert-Butylbenzene	119	12.292	12.292	0.000	92	201463	20.0	18.7	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	98	266913	20.0	18.8	
115 sec-Butylbenzene	105	12.707	12.701	0.006	99	342241	20.0	19.5	
116 1,3-Dichlorobenzene	146	12.774	12.780	-0.006	94	138856	20.0	18.4	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.883	0.001	98	303332	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	95	139066	20.0	17.7	
119 4-Isopropyltoluene	119	12.945	12.944	0.001	97	286273	20.0	19.2	
120 1,2,3-Trimethylbenzene	105	13.018	13.018	0.000	99	272635	20.0	18.1	
121 Benzyl chloride	126	13.103	13.103	0.000	97	22867	20.0	18.3	
122 2,3-Dihydroindene	117	13.201	13.200	0.001	95	254670	20.0	21.7	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	94	135379	20.0	17.9	
124 p-Diethylbenzene	119	13.347	13.347	0.000	92	150737	20.0	18.6	
125 n-Butylbenzene	92	13.365	13.365	0.000	97	166668	20.0	19.0	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.926	0.006	89	14231	20.0	17.5	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	97	268508	20.0	19.2	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	95	113358	20.0	18.0	
129 1,2,4-Trichlorobenzene	180	14.438	14.438	0.000	94	104514	20.0	18.1	
130 Hexachlorobutadiene	225	14.554	14.554	0.000	94	50482	20.0	18.2	
131 Naphthalene	128	14.572	14.566	0.006	99	255758	20.0	18.8	
132 1,2,3-Trichlorobenzene	180	14.700	14.700	0.000	96	100510	20.0	18.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	44.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	36.9	
S 135 Xylenes, Total	100				0		40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	95.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

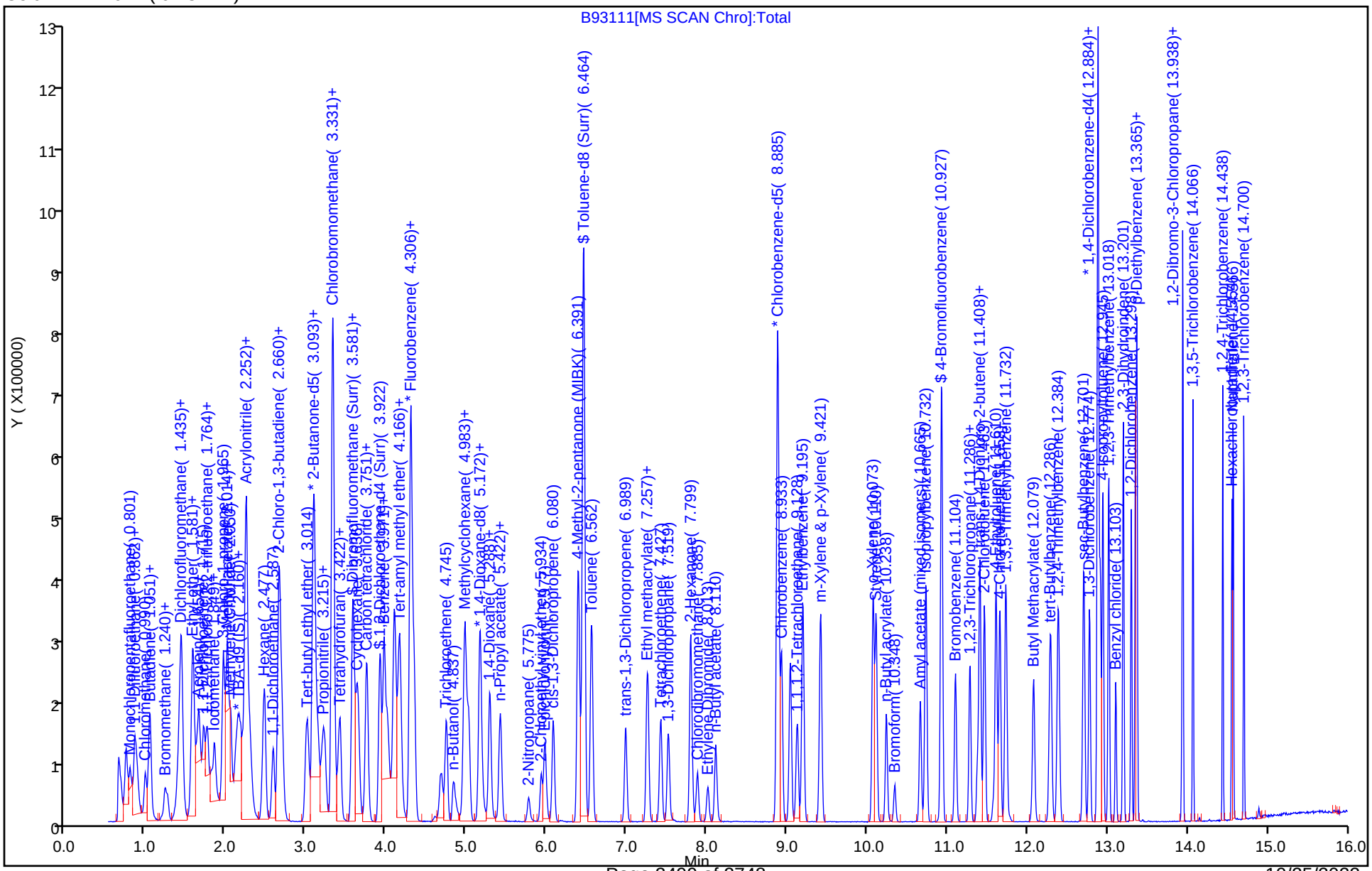
Report Date: 17-Oct-2022 11:13:26 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93111.D

Injection Date:	17-Oct-2022 05:31:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\B93111.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 05:31:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151824-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151824.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:13:26 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: N1JZ Date: 17-Oct-2022 06:41:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	56.1	112.19
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	53.8	107.61
$ 79 Toluene-d8 (Surr)	50.0	48.9	97.75
$ 103 4-Bromofluorobenzene	50.0	47.5	95.03

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872353/4

Matrix: Solid | Lab File ID: K39150.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 09:53

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0243		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0215		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0201		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0237		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0240		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0205		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0225		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0242		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0278		0.0010	0.00039
108-90-7	Chlorobenzene	0.0201		0.0010	0.00018
75-00-3	Chloroethane	0.0178		0.0010	0.00052
67-66-3	Chloroform	0.0226		0.0010	0.00097
74-87-3	Chloromethane	0.0158		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0229		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0209		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0301		0.0010	0.00019
75-09-2	Methylene Chloride	0.0222		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0208		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0238		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0212		0.0010	0.00027
79-01-6	Trichloroethene	0.0211		0.0010	0.00032
75-01-4	Vinyl chloride	0.0178		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-145
460-00-4	Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	108		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39150.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 09:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151838-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:03:33 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 14:03:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.138	1.138	0.000	93	51300	NC	NC	
2 Chlorotrifluoroethene	116	1.150	1.138	0.012	54	50666	20.0	15.7	
5 Chlorodifluoromethane	67	1.173	1.173	0.000	94	20702	20.0	16.6	
4 Dichlorodifluoromethane	85	1.161	1.173	-0.012	67	155142	20.0	16.9	
6 Chloromethane	50	1.298	1.298	0.000	98	134405	20.0	15.8	M
7 Butadiene	54	1.356	1.356	0.000	93	101223	20.0	19.1	
8 Vinyl chloride	62	1.367	1.367	0.000	97	109646	20.0	17.8	
9 Bromomethane	94	1.573	1.573	0.000	99	102600	20.0	17.2	
10 Chloroethane	64	1.618	1.618	0.000	81	72415	20.0	17.8	
11 Dichlorofluoromethane	67	1.756	1.756	0.000	98	198862	20.0	17.7	
12 Trichlorofluoromethane	101	1.813	1.813	0.000	48	164254	20.0	17.4	
13 Pentane	72	1.824	1.813	0.011	97	40541	40.0	33.8	
14 Ethanol	46	1.961	1.938	0.023	63	17080	800.0	740.3	M
15 Ethyl ether	59	1.961	1.950	0.011	96	75814	20.0	21.4	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	84	99557	20.0	25.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.996	1.996	0.000	82	80599	20.0	15.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.041	2.030	0.011	59	124762	20.0	15.1	a
19 Acrolein	56	2.053	2.041	0.012	95	171973	300.0	230.7	
21 1,1-Dichloroethene	96	2.121	2.121	0.000	98	100306	20.0	24.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.156	2.144	0.012	95	117430	20.0	22.7	
22 Acetone	43	2.167	2.156	0.011	75	144349	100.0	107.5	
23 Iodomethane	142	2.236	2.224	0.012	96	195676	20.0	23.4	
25 Carbon disulfide	76	2.281	2.270	0.011	99	369492	20.0	25.4	
24 Isopropyl alcohol	45	2.258	2.327	-0.069	24	37052	200.0	216.3	M
26 3-Chloro-1-propene	39	2.373	2.373	0.000	88	115751	20.0	21.3	
27 Methyl acetate	43	2.396	2.384	0.012	97	105278	40.0	40.7	
29 Acetonitrile	39	2.441	2.430	0.011	26	75477	200.0	202.8	a
28 Cyclopentene	67	2.441	2.441	0.000	93	255601	20.0	24.4	
31 Methylene Chloride	84	2.464	2.464	0.000	88	119377	20.0	22.2	
* 30 TBA-d9 (IS)	65	2.567	2.556	0.011	96	433477	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.613	2.601	0.012	40	110707	200.0	194.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.647	2.647	0.000	94	321501	200.0	224.2	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	93	111843	20.0	23.8	
33 Methyl tert-butyl ether	73	2.681	2.670	0.011	96	289769	20.0	22.3	
36 Hexane	43	2.887	2.887	0.000	90	74897	20.0	22.3	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	99	178621	20.0	23.7	
39 Vinyl acetate	86	3.047	3.047	0.000	99	25712	40.0	37.3	
37 Isopropyl ether	45	3.070	3.070	0.000	93	284483	20.0	22.8	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	92	96126	20.0	22.9	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	90	131434	20.0	22.9	
* 42 2-Butanone-d5	46	3.470	3.459	0.011	96	309116	250.0	250.0	
46 2-Butanone (MEK)	72	3.493	3.493	0.000	96	52729	100.0	103.0	a
44 cis-1,2-Dichloroethene	96	3.504	3.493	0.011	98	119243	20.0	22.9	
43 2,2-Dichloropropane	79	3.516	3.516	0.000	94	51889	20.0	22.1	
45 Ethyl acetate	70	3.550	3.550	0.000	98	15551	40.0	43.6	
48 Propionitrile	54	3.573	3.561	0.012	79	124033	200.0	171.6	
47 Methyl acrylate	55	3.584	3.573	0.011	97	81046	20.0	24.0	
51 Methacrylonitrile	67	3.699	3.699	0.000	89	333562	200.0	209.6	
50 Chlorobromomethane	128	3.710	3.710	0.000	84	54707	20.0	21.2	
49 Tetrahydrofuran	72	3.767	3.779	-0.012	63	25962	40.0	38.0	
52 Chloroform	83	3.790	3.779	0.011	99	180888	20.0	22.6	
$ 55 Dibromofluoromethane (Surr)	113	3.939	3.927	0.012	95	218302	50.0	54.0	
54 1,1,1-Trichloroethane	97	3.973	3.973	0.000	99	159641	20.0	24.3	
53 Cyclohexane	84	4.030	4.030	0.000	89	181796	20.0	23.1	
57 1,1-Dichloropropene	75	4.122	4.122	0.000	97	131404	20.0	22.7	
56 Carbon tetrachloride	117	4.133	4.133	0.000	96	112073	20.0	27.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	215064	50.0	52.9	
58 Isobutyl alcohol	74	4.327	4.316	0.011	91	29198	500.0	443.9	a
60 Benzene	78	4.316	4.316	0.000	95	391508	20.0	21.0	
64 1,2-Dichloroethane	62	4.339	4.327	0.012	96	115261	20.0	20.5	
59 Isooctane	57	4.419	4.419	0.000	91	392287	20.0	23.5	
62 Isopropyl acetate	61	4.430	4.419	0.011	72	30447	20.0	22.0	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	98	300562	20.0	21.9	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	766951	50.0	50.0	
65 n-Heptane	43	4.613	4.613	0.000	87	129874	20.0	22.1	
68 n-Butanol	56	4.944	4.944	0.000	24	37830	500.0	483.8	
69 Trichloroethene	95	5.002	4.990	0.012	97	91887	20.0	21.1	
70 Ethyl acrylate	55	5.127	5.127	0.000	97	73589	20.0	20.2	
71 Methylcyclohexane	83	5.219	5.219	0.000	93	212689	20.0	23.9	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	92	91152	20.0	22.5	
* 73 1,4-Dioxane-d8	96	5.345	5.345	-0.001	28	46170	1000.0	1000.0	
77 Dibromomethane	93	5.367	5.367	0.000	93	55996	20.0	22.0	
75 1,4-Dioxane	88	5.402	5.402	0.000	31	27445	400.0	449.4	
74 Methyl methacrylate	69	5.402	5.402	0.000	81	92457	40.0	46.4	
76 n-Propyl acetate	43	5.493	5.482	0.011	98	85059	20.0	22.8	
78 Dichlorobromomethane	83	5.562	5.562	0.000	98	107590	20.0	24.2	
79 2-Nitropropane	41	5.847	5.847	0.000	93	19224	40.0	68.5	
67 2-Chloroethyl vinyl ether	63	5.939	5.950	-0.011	29	3874	20.0	19.9	
80 Epichlorohydrin	57	6.007	6.007	0.000	99	138842	400.0	427.3	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	92	122089	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.339	6.339	0.000	95	387865	100.0	108.1	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	787853	50.0	48.9	
84 Toluene	91	6.533	6.533	0.000	93	391020	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
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	96	100446	20.0	21.2	
86 Ethyl methacrylate	69	7.013	7.013	0.000	87	85125	20.0	19.8	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	95	59462	20.0	20.1	
88 Tetrachloroethene	166	7.265	7.265	0.000	94	84759	20.0	20.8	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	92	116066	20.0	20.4	
90 2-Hexanone	43	7.482	7.482	0.000	94	222001	100.0	131.7	
92 Chlorodibromomethane	129	7.608	7.608	0.000	97	66625	20.0	30.1	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	82740	20.0	24.3	
93 Ethylene Dibromide	107	7.745	7.745	0.000	99	68887	20.0	20.1	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	526783	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	96	237867	20.0	20.1	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	94	82208	20.0	24.8	
96 Ethylbenzene	106	8.682	8.682	0.000	98	138404	20.0	20.3	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	170802	20.0	20.1	
100 o-Xylene	106	9.345	9.345	0.000	94	195638	20.0	20.8	
101 Styrene	104	9.368	9.368	0.000	94	271225	20.0	20.3	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	45122	20.0	23.6	
103 Bromoform	173	9.539	9.539	0.000	92	32813	20.0	28.8	
102 Amyl acetate (mixed isomers)	43	9.654	9.654	0.000	92	86479	20.0	31.5	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	510824	20.0	21.1	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	199450	50.0	48.8	
106 Bromobenzene	156	10.054	10.054	0.000	97	98664	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	98	112179	20.0	21.5	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	97	29041	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	65	20897	20.0	21.9	
108 N-Propylbenzene	91	10.202	10.202	0.000	99	573010	20.0	22.1	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	324968	20.0	21.1	
112 4-Ethyltoluene	105	10.316	10.316	0.000	99	466347	20.0	21.8	
114 4-Chlorotoluene	91	10.374	10.374	0.000	98	342754	20.0	21.2	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	93	429235	20.0	21.3	
115 Butyl Methacrylate	87	10.522	10.511	0.011	87	90619	20.0	30.7	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	327507	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	443457	20.0	21.0	
118 sec-Butylbenzene	105	10.876	10.877	0.000	99	582364	20.0	22.4	
120 1,3-Dichlorobenzene	146	10.956	10.957	0.000	96	195160	20.0	20.7	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	93	278750	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	94	494883	20.0	22.2	
122 1,4-Dichlorobenzene	146	11.036	11.037	-0.001	95	199819	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	460673	20.0	20.6	
124 Benzyl chloride	91	11.162	11.162	0.000	99	111743	20.0	26.9	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	93	445788	20.0	22.2	
126 p-Diethylbenzene	119	11.345	11.345	0.000	92	251955	20.0	20.6	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	96	211471	20.0	20.7	
127 n-Butylbenzene	92	11.357	11.357	0.000	98	264576	20.0	20.9	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	498334	20.0	22.0	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	92	19930	20.0	18.8	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	95	175362	20.0	22.1	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	167027	20.0	21.2	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	88	58885	20.0	20.2	
134 Naphthalene	128	12.751	12.751	0.000	99	478281	20.0	22.2	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	170517	20.0	21.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.7	

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	40.9	
S 139 Total BTEX	1				0		100.0	102.4	

QC Flag Legend

Processing Flags
- NC - Not Calibrated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2022 14:03:34 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39150.D

Injection Date: 17-Oct-2022 09:53:30 Instrument ID: CVOAMS9 Operator ID:

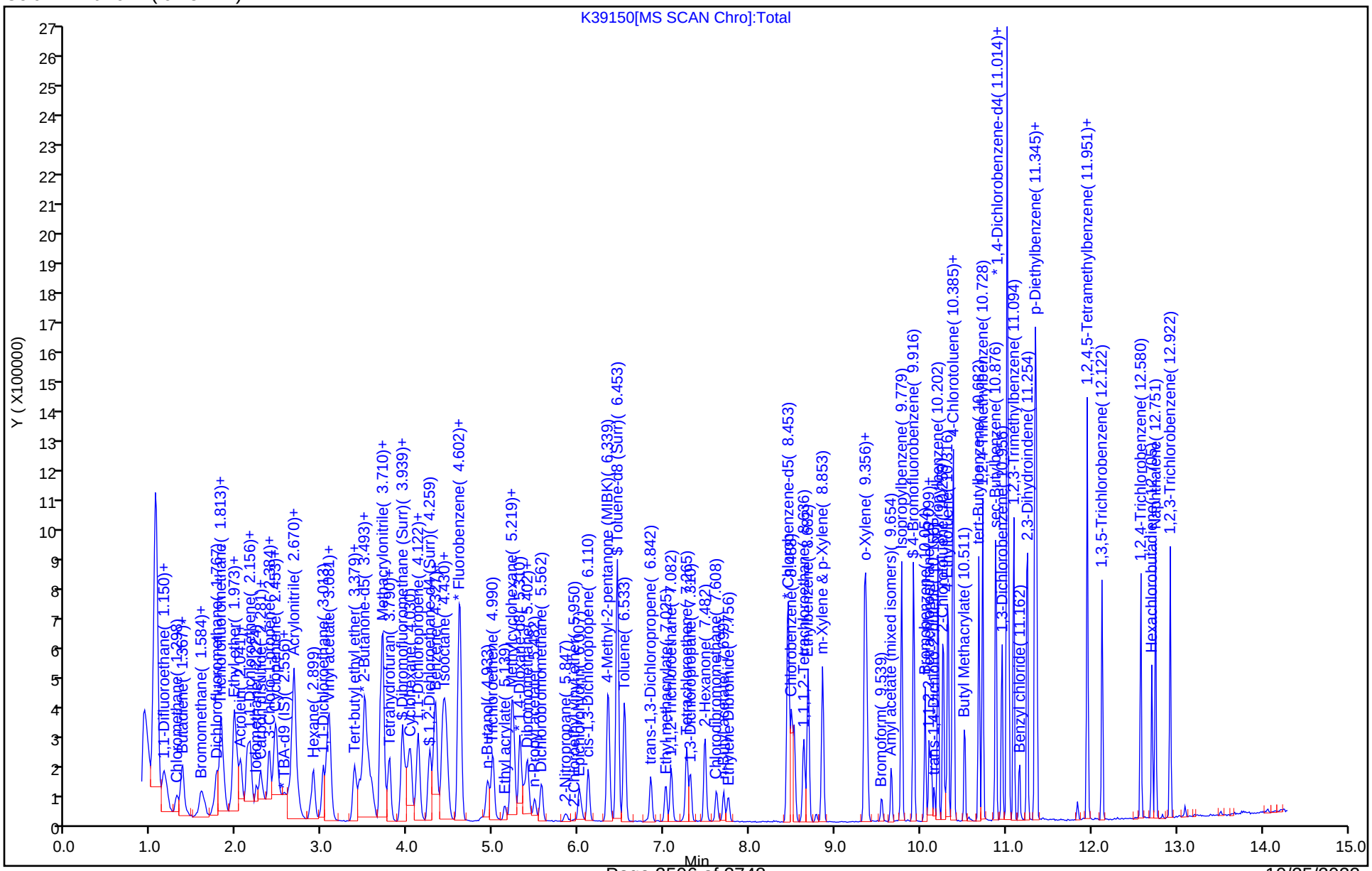
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39150.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 09:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151838-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 14:03:33 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: NN6A Date: 17-Oct-2022 14:03:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.0	108.10
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.9	105.70
$ 83 Toluene-d8 (Surr)	50.0	48.9	97.73
$ 105 4-Bromofluorobenzene	50.0	48.8	97.64

Manual Integration/User Assign Peak Report

Eurofins Edison

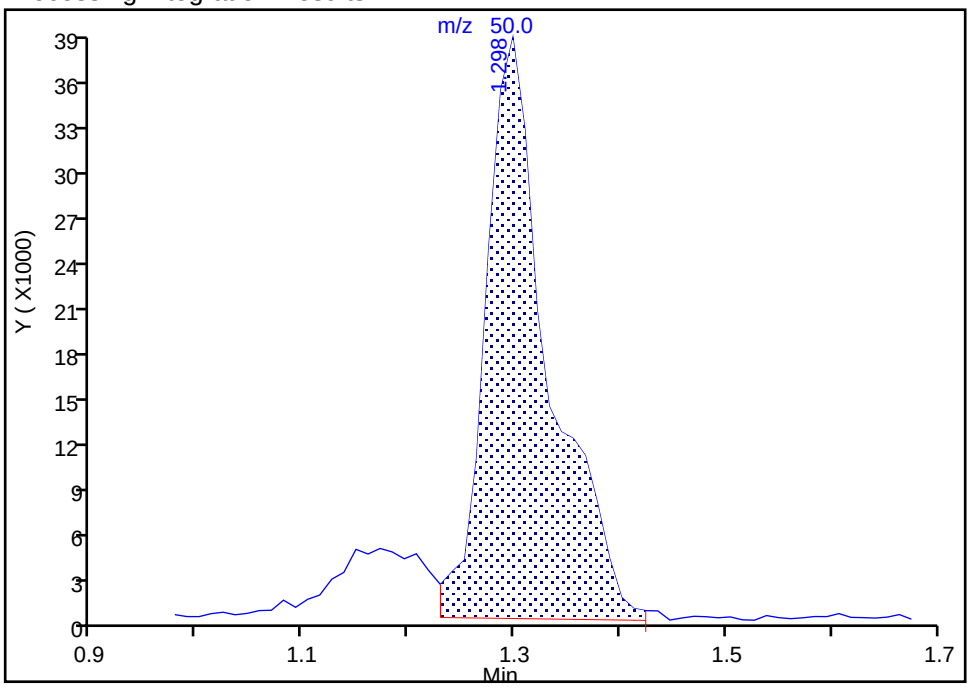
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151838.b\K39150.D
Injection Date: 17-Oct-2022 09:53:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

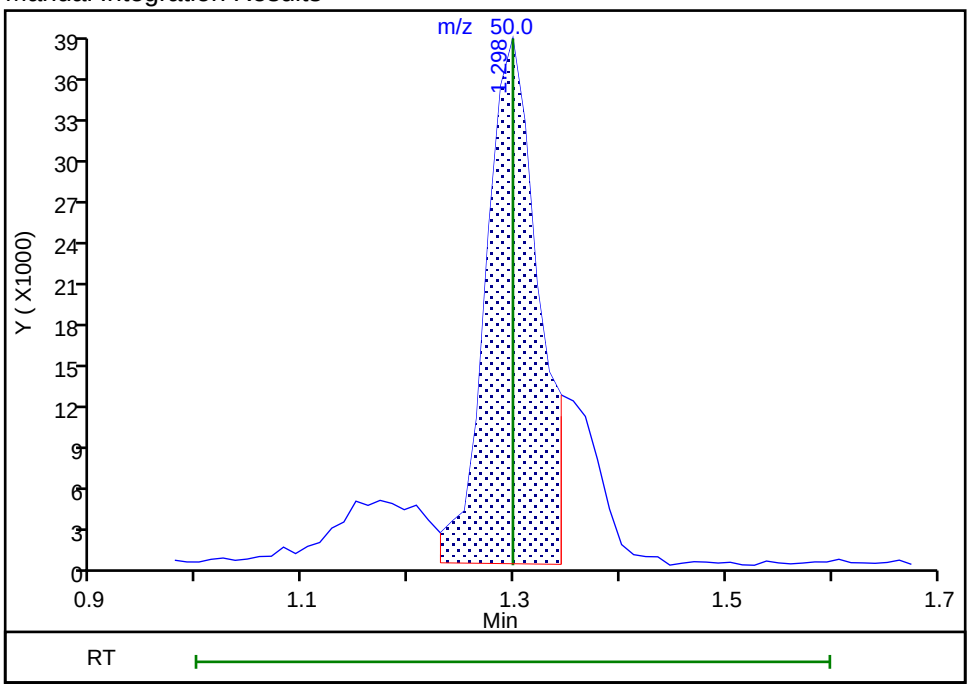
Processing Integration Results

RT: 1.30
Area: 160034
Amount: 18.769996
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 134405
Amount: 15.764033
Amount Units: ug/l



Reviewer: NN6A, 17-Oct-2022 14:02:48
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872367/4

Matrix: Water | Lab File ID: V26613.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 10:08

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872367 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.20
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.26
107-06-2	1,2-Dichloroethane	21.4		1.0	0.43
78-87-5	1,2-Dichloropropane	19.1		1.0	0.35
75-27-4	Bromodichloromethane	20.3		1.0	0.34
56-23-5	Carbon tetrachloride	22.4		1.0	0.21
108-90-7	Chlorobenzene	20.6		1.0	0.38
75-00-3	Chloroethane	17.7		1.0	0.32
67-66-3	Chloroform	20.8		1.0	0.33
74-87-3	Chloromethane	16.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.22
124-48-1	Dibromochloromethane	21.0		1.0	0.28
75-09-2	Methylene Chloride	20.8		1.0	0.32
127-18-4	Tetrachloroethene	22.8		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.6		1.0	0.22
79-01-6	Trichloroethene	21.0		1.0	0.31
75-01-4	Vinyl chloride	18.1		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26613.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 10:08:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151847-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 20:58:24 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:02:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	84	7559	20.0	13.7	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	97	34322	20.0	20.5	
4 1,1-Difluoroethane	65	1.286	1.275	0.011	80	68351	20.0	16.7	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	100	146336	20.0	19.3	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	98	28446	20.0	20.6	
6 Chloromethane	50	1.435	1.435	0.000	100	199145	20.0	16.3	
7 Vinyl chloride	62	1.480	1.480	0.000	99	154945	20.0	18.1	
8 Butadiene	54	1.503	1.492	0.011	93	169453	20.0	16.6	
9 Bromomethane	94	1.698	1.698	0.000	98	49675	20.0	16.7	
10 Chloroethane	64	1.766	1.755	0.011	100	96302	20.0	17.7	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	99	251870	20.0	19.4	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	96	177912	20.0	20.9	
13 Pentane	72	1.926	1.926	0.000	97	61287	40.0	41.1	
17 Ethanol	46	2.029	2.029	0.000	77	22335	800.0	900.2	M
14 Ethyl ether	74	2.075	2.063	0.012	91	91223	20.0	19.7	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	95	170804	20.0	18.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.098	0.000	98	97836	20.0	20.8	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	98	187670	20.0	21.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.200	0.000	94	124829	20.0	23.5	
52 Acrolein	56	2.212	2.212	0.000	96	48489	40.0	34.8	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	92	113784	20.0	21.3	
23 Acetone	43	2.292	2.292	0.000	84	284482	100.0	151.1	M
24 Isopropyl alcohol	45	2.361	2.360	0.000	93	88579	200.0	254.3	
21 Iodomethane	142	2.361	2.360	0.000	98	59526	20.0	14.3	
22 Carbon disulfide	76	2.395	2.395	0.000	100	431361	20.0	20.7	
30 Methyl acetate	43	2.486	2.486	0.000	97	350782	40.0	40.8	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	89	94817	20.0	19.5	
25 Cyclopentene	67	2.509	2.509	0.000	94	412382	20.0	19.9	
27 Acetonitrile	41	2.532	2.532	0.000	98	188761	200.0	231.5	a
* 28 TBA-d9 (IS)	66	2.566	2.555	0.011	97	39279	1000.0	1000.0	
29 Methylene Chloride	84	2.589	2.589	0.000	95	131410	20.0	20.8	

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	2.623	2.612	0.011	97	137278	200.0	224.3	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	461770	20.0	21.4	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	97	129948	20.0	21.0	
35 Acrylonitrile	53	2.795	2.795	0.000	93	786809	200.0	205.7	
36 Hexane	57	2.863	2.863	0.000	95	264552	20.0	21.0	
37 Isopropyl ether	45	3.035	3.035	0.000	96	639078	20.0	19.0	
38 1,1-Dichloroethane	63	3.081	3.081	0.001	58	299711	20.0	20.1	
40 Vinyl acetate	86	3.081	3.081	0.001	100	62625	40.0	52.8	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	94	118348	20.0	20.5	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	517205	20.0	20.2	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	475964	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	94	46854	20.0	22.4	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	64	136992	20.0	21.3	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	94	91490	100.0	115.4	
47 Ethyl acetate	70	3.538	3.538	0.000	93	38699	40.0	51.0	
46 Methyl acrylate	55	3.595	3.595	0.000	98	154978	20.0	19.5	
48 Propionitrile	54	3.663	3.663	0.000	98	264916	200.0	189.8	
50 Tetrahydrofuran	72	3.744	3.743	0.001	66	40687	40.0	36.1	
49 Chlorobromomethane	128	3.744	3.743	0.001	91	57728	20.0	24.1	
54 Methacrylonitrile	67	3.755	3.755	0.000	98	731543	200.0	201.7	
51 Chloroform	83	3.789	3.789	0.000	96	237002	20.0	20.8	
53 Cyclohexane	84	3.915	3.915	0.000	98	215920	20.0	20.5	
55 1,1,1-Trichloroethane	97	3.926	3.915	0.011	96	204994	20.0	21.6	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	164229	50.0	52.4	
57 Carbon tetrachloride	117	4.041	4.041	0.000	96	168106	20.0	22.4	
58 1,1-Dichloropropene	75	4.064	4.063	0.001	89	209374	20.0	20.7	
61 Isobutyl alcohol	43	4.189	4.201	-0.012	94	295426	500.0	513.9	a
64 Isooctane	57	4.212	4.212	0.000	99	485366	20.0	19.1	
59 Benzene	78	4.246	4.246	0.000	98	590776	20.0	19.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	98	238274	50.0	47.3	
66 Isopropyl acetate	87	4.304	4.303	0.001	95	127428	20.0	20.8	
62 Tert-amyl methyl ether	73	4.304	4.303	0.001	91	446369	20.0	19.9	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	96	215039	20.0	21.4	
65 n-Heptane	57	4.395	4.395	0.000	98	109602	20.0	19.3	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	671592	50.0	50.0	
70 n-Butanol	56	4.875	4.886	-0.011	94	51218	500.0	448.4	
69 Trichloroethene	95	4.886	4.886	0.000	93	132020	20.0	21.0	
72 Methylcyclohexane	83	5.012	5.001	0.011	80	230917	20.0	21.0	
71 Ethyl acrylate	99	5.001	5.012	-0.011	94	18490	20.0	19.7	
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	166008	20.0	19.1	
* 68 1,4-Dioxane-d8	96	5.252	5.241	0.011	44	18219	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	71883	40.0	42.2	
78 1,4-Dioxane	88	5.298	5.298	0.000	28	21346	400.0	481.3	
77 n-Propyl acetate	43	5.309	5.309	0.000	97	307840	20.0	18.8	
75 Dibromomethane	93	5.321	5.309	0.012	44	76047	20.0	19.9	
76 Dichlorobromomethane	83	5.481	5.469	0.012	98	172814	20.0	20.3	
34 2-Nitropropane	41	5.812	5.812	0.000	99	115525	40.0	37.3	
79 2-Chloroethyl vinyl ether	63	5.824	5.824	0.000	95	105499	20.0	20.6	
80 Epichlorohydrin	57	5.938	5.938	0.000	99	389240	400.0	539.2	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	97	248852	20.0	20.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.167	-0.012	99	1025132	100.0	124.1	
$ 82 Toluene-d8 (Surr)	98	6.247	6.247	0.000	98	759959	50.0	46.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.338	6.338	0.000	93	560249	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.738	6.738	0.000	95	217489	20.0	19.6	
86 Ethyl methacrylate	69	6.761	6.761	0.000	95	180717	20.0	19.9	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.000	92	103537	20.0	19.7	
88 Tetrachloroethene	166	7.012	7.012	0.000	93	115816	20.0	22.8	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	94	227180	20.0	19.9	
91 2-Hexanone	43	7.264	7.275	-0.011	98	647031	100.0	118.5	
92 n-Butyl acetate	43	7.412	7.412	0.000	96	327341	20.0	18.1	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	110019	20.0	21.0	
93 Ethylene Dibromide	107	7.618	7.618	0.000	100	110588	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	92	426661	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	89	322142	20.0	20.6	
97 Ethylbenzene	106	8.304	8.304	0.000	99	172723	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	92	107996	20.0	21.7	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	218596	20.0	20.8	
100 o-Xylene	106	8.875	8.875	0.000	93	209372	20.0	20.7	
99 n-Butyl acrylate	73	8.887	8.887	0.000	95	100718	20.0	18.3	
101 Styrene	104	8.910	8.910	0.000	92	341308	20.0	21.4	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	88	339356	20.0	17.7	
103 Bromoform	173	9.127	9.127	0.000	92	69173	20.0	21.4	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	540389	20.0	21.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	176734	50.0	54.6	
107 Bromobenzene	156	9.573	9.573	0.000	93	118478	20.0	21.8	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	97	158609	20.0	19.1	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	669314	20.0	20.3	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	44128	20.0	20.1	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	86	60435	20.0	18.5	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	452714	20.0	20.1	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	538454	20.0	20.8	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.000	92	439594	20.0	20.7	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	434137	20.0	20.6	
117 Butyl Methacrylate	87	9.916	9.915	0.001	92	135674	20.0	16.9	
118 tert-Butylbenzene	119	10.087	10.087	0.000	90	362081	20.0	20.5	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	443151	20.0	20.6	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	538372	20.0	21.4	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	91	220044	20.0	21.9	
121 4-Isopropyltoluene	119	10.396	10.407	-0.011	97	428927	20.0	21.5	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	194548	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	91	229960	20.0	21.8	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	98	438353	20.0	20.3	
125 Benzyl chloride	91	10.613	10.613	0.000	97	320457	20.0	20.7	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	418000	20.0	20.9	
126 p-Diethylbenzene	119	10.716	10.716	0.000	92	219810	20.0	21.0	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	217064	20.0	19.0	
128 1,2-Dichlorobenzene	146	10.796	10.796	0.000	93	207329	20.0	21.4	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	96	330908	20.0	19.4	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	87	26258	20.0	19.0	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	94	135742	20.0	21.9	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	94	120028	20.0	20.8	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	91	50724	20.0	21.8	
134 Naphthalene	128	12.179	12.179	0.000	98	304571	20.0	19.0	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	95	112603	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 137 Xylenes, Total	100				0		40.0	41.5	
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.2	
S 139 Total BTEX	1				0		100.0	99.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL		
GASES Li_00498	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00160	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 17-Oct-2022 21:02:24 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26613.D

Injection Date: 17-Oct-2022 10:08:30 Instrument ID: CVOAMS7

Lims ID: LCSD

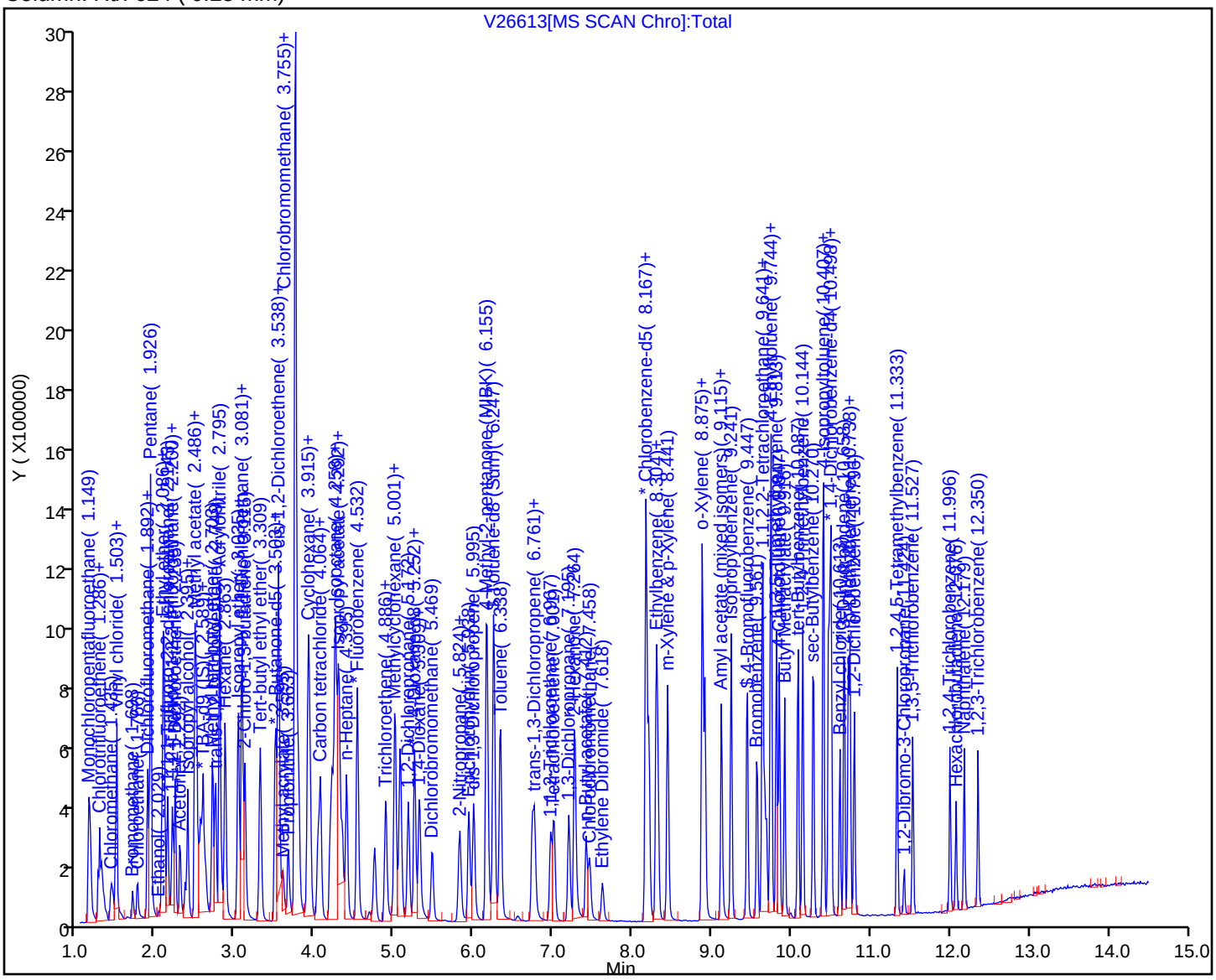
Client ID:

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 Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\V26613.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 10:08:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151847-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221017-151847.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 20:58:24 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1663

First Level Reviewer: HVW2 Date: 17-Oct-2022 21:02:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.4	104.86
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.56
$ 82 Toluene-d8 (Surr)	50.0	46.9	93.78
$ 105 4-Bromofluorobenzene	50.0	54.6	109.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872430/5

Matrix: Solid | Lab File ID: B93143.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 19:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0217		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0175		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0181		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0205		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0214		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0198		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0195		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0194		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0220		0.0010	0.00039
108-90-7	Chlorobenzene	0.0180		0.0010	0.00018
75-00-3	Chloroethane	0.0226		0.0010	0.00052
67-66-3	Chloroform	0.0202		0.0010	0.00097
74-87-3	Chloromethane	0.0212		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0210		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0175		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0172		0.0010	0.00019
75-09-2	Methylene Chloride	0.0224		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0194		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0229		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0176		0.0010	0.00027
79-01-6	Trichloroethene	0.0209		0.0010	0.00032
75-01-4	Vinyl chloride	0.0207		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		72-145
460-00-4	Bromofluorobenzene	94		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93143.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 19:30:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151860-005
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:09:34 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 19:57:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.880	0.880	0.000	99	103568	20.0	12.0	a
3 Dichlorodifluoromethane	85	0.880	0.880	0.000	72	72691	20.0	15.6	
4 Chlorodifluoromethane	67	0.892	0.886	0.006	95	9867	20.0	15.9	
5 Chloromethane	50	0.996	0.983	0.013	99	118788	20.0	21.2	
7 Vinyl chloride	62	1.051	1.038	0.013	97	84233	20.0	20.7	
6 Butadiene	54	1.057	1.050	0.007	95	86606	20.0	20.1	
8 Bromomethane	94	1.240	1.233	0.007	99	46080	20.0	21.0	
9 Chloroethane	64	1.270	1.270	0.000	99	46112	20.0	22.6	
10 Dichlorofluoromethane	67	1.410	1.404	0.006	99	117370	20.0	20.0	
12 Pentane	43	1.447	1.434	0.013	97	247607	40.0	39.4	
11 Trichlorofluoromethane	101	1.447	1.441	0.006	94	83138	20.0	21.0	
13 Ethyl ether	59	1.581	1.569	0.012	71	51267	20.0	19.5	
15 2-Methyl-1,3-butadiene	53	1.587	1.581	0.006	98	68012	20.0	20.1	
14 Ethanol	46	1.593	1.593	0.000	55	10544	800.0	464.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.611	1.605	0.006	94	52314	20.0	22.2	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.666	1.648	0.018	75	93353	20.0	21.7	a
18 Acrolein	56	1.666	1.654	0.012	97	155881	300.0	276.8	
19 1,1-Dichloroethene	96	1.721	1.715	0.006	93	54421	20.0	21.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.752	0.006	95	58919	20.0	22.1	
21 Acetone	43	1.776	1.764	0.012	86	100509	100.0	89.8	
22 Iodomethane	142	1.819	1.806	0.013	98	93094	20.0	21.4	
23 Carbon disulfide	76	1.861	1.849	0.012	100	208216	20.0	20.6	
24 Isopropyl alcohol	45	1.910	1.898	0.012	96	51226	200.0	130.6	
25 3-Chloro-1-propene	39	1.965	1.959	0.006	91	94217	20.0	18.9	
26 Methyl acetate	43	2.002	1.989	0.013	99	119526	40.0	42.8	
27 Acetonitrile	39	2.020	2.014	0.006	45	71752	200.0	186.5	a
28 Methylene Chloride	84	2.056	2.056	0.000	98	75082	20.0	22.4	
* 29 TBA-d9 (IS)	65	2.166	2.160	0.006	0	543413	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.227	2.239	-0.012	91	101714	200.0	173.3	a
31 Acrylonitrile	53	2.252	2.239	0.013	96	296659	200.0	166.1	
32 trans-1,2-Dichloroethene	96	2.258	2.251	0.007	98	73117	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
33 Methyl tert-butyl ether	73	2.294	2.288	0.006	98	205207	20.0	21.1	
34 Hexane	57	2.477	2.471	0.006	95	136295	20.0	22.1	
35 1,1-Dichloroethane	63	2.587	2.587	0.000	99	147073	20.0	20.5	
36 Vinyl acetate	86	2.660	2.660	0.000	100	22148	40.0	37.5	
37 2-Chloro-1,3-butadiene	88	2.666	2.666	0.000	63	65355	20.0	23.3	
38 Isopropyl ether	45	2.697	2.684	0.013	95	293765	20.0	19.7	
39 Tert-butyl ethyl ether	87	3.020	3.001	0.019	88	80829	20.0	21.0	
* 40 2-Butanone-d5	46	3.099	3.093	0.006	0	542868	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.105	3.099	0.006	90	74661	20.0	21.0	
42 2,2-Dichloropropane	79	3.105	3.105	0.000	53	34542	20.0	22.0	
43 2-Butanone (MEK)	72	3.154	3.148	0.006	100	41633	100.0	99.4	
44 Propionitrile	54	3.203	3.196	0.007	96	113189	200.0	185.6	
45 Ethyl acetate	43	3.233	3.227	0.006	99	168024	40.0	35.8	
62 Methyl acrylate	55	3.239	3.245	-0.006	99	81971	20.0	20.0	
46 Chlorobromomethane	128	3.325	3.318	0.007	90	31268	20.0	20.6	
47 Methacrylonitrile	67	3.343	3.330	0.013	95	277110	200.0	202.9	
48 Tetrahydrofuran	42	3.404	3.404	0.000	85	56772	40.0	38.2	
49 Chloroform	83	3.428	3.422	0.006	98	118867	20.0	20.2	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.580	0.001	97	175303	50.0	54.4	
51 1,1,1-Trichloroethane	97	3.587	3.593	-0.006	60	95306	20.0	21.7	
52 Cyclohexane	84	3.635	3.635	0.000	97	116310	20.0	22.8	
53 Carbon tetrachloride	117	3.757	3.757	0.000	72	78699	20.0	22.0	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	92	100350	20.0	21.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	212965	50.0	52.5	
56 Benzene	78	3.977	3.971	0.006	98	285198	20.0	18.2	
57 1,2-Dichloroethane	62	4.007	4.007	0.000	97	88928	20.0	19.8	
58 Isobutyl alcohol	42	4.032	4.025	0.007	94	67496	500.0	406.4	
59 Tert-amyl methyl ether	73	4.160	4.166	-0.006	76	231554	20.0	20.6	
73 Isopropyl acetate	61	4.172	4.172	0.000	92	26861	20.0	20.5	
* 60 Fluorobenzene	96	4.312	4.306	0.006	98	679309	50.0	50.0	
61 n-Heptane	43	4.349	4.342	0.007	98	158834	20.0	20.9	
63 Trichloroethene	95	4.751	4.745	0.006	97	66215	20.0	20.9	
64 n-Butanol	43	4.861	4.842	0.019	94	34498	500.0	393.5	
65 Methylcyclohexane	83	4.977	4.976	0.001	84	131759	20.0	22.2	
66 Ethyl acrylate	55	4.983	4.983	0.000	93	210184	20.0	21.1	
67 1,2-Dichloropropane	63	5.032	5.031	0.001	91	77856	20.0	19.5	
68 Dibromomethane	93	5.172	5.172	0.000	93	35885	20.0	20.6	
* 69 1,4-Dioxane-d8	96	5.214	5.220	-0.006	0	37644	1000.0	1000.0	
70 1,4-Dioxane	88	5.281	5.281	0.000	28	14765	400.0	363.9	M
71 Methyl methacrylate	100	5.294	5.287	0.007	96	26950	40.0	42.4	
81 n-Propyl acetate	43	5.416	5.415	0.001	100	105783	20.0	19.5	
72 Dichlorobromomethane	83	5.428	5.428	0.000	98	77622	20.0	19.4	
74 2-Nitropropane	41	5.787	5.775	0.012	98	27184	40.0	37.7	
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	92	41276	20.0	19.7	
76 Epichlorohydrin	57	5.983	5.982	0.001	99	143622	400.0	364.0	
77 cis-1,3-Dichloropropene	75	6.086	6.080	0.006	97	102294	20.0	17.5	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.397	0.000	99	386830	100.0	87.1	
$ 79 Toluene-d8 (Surr)	98	6.464	6.458	0.006	98	708273	50.0	46.5	
80 Toluene	91	6.562	6.562	0.000	93	272595	20.0	18.2	
82 trans-1,3-Dichloropropene	75	6.982	6.982	0.000	97	83918	20.0	17.6	
83 1,1,2-Trichloroethane	83	7.263	7.257	0.006	81	43926	20.0	18.1	
84 Ethyl methacrylate	69	7.257	7.257	0.000	88	77094	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.427	7.421	0.006	95	58571	20.0	19.4	
86 1,3-Dichloropropane	76	7.525	7.519	0.006	97	91968	20.0	18.0	
87 2-Hexanone	43	7.799	7.799	0.000	99	250091	100.0	89.5	
88 Chlorodibromomethane	129	7.885	7.884	0.001	98	46507	20.0	17.2	
89 Ethylene Dibromide	107	8.007	8.012	-0.005	98	47094	20.0	17.8	
90 n-Butyl acetate	43	8.110	8.110	0.000	98	110256	20.0	17.3	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	89	506048	50.0	50.0	
92 Chlorobenzene	112	8.933	8.927	0.006	91	157486	20.0	18.0	
93 1,1,1,2-Tetrachloroethane	131	9.122	9.128	-0.006	94	52456	20.0	17.9	
94 Ethylbenzene	106	9.201	9.195	0.006	99	91014	20.0	19.1	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	107505	20.0	18.9	
96 o-Xylene	106	10.073	10.073	0.000	93	107866	20.0	19.1	
97 Styrene	104	10.110	10.110	0.000	93	166534	20.0	18.1	
98 n-Butyl acrylate	73	10.238	10.238	0.000	95	40210	20.0	17.5	
99 Bromoform	173	10.341	10.341	0.000	95	28071	20.0	17.0	
101 Amyl acetate (mixed isomers)	43	10.658	10.664	-0.006	89	118443	20.0	16.9	
102 Isopropylbenzene	105	10.732	10.731	0.001	97	281559	20.0	19.3	
$ 103 4-Bromofluorobenzene	174	10.927	10.927	0.000	86	189765	50.0	46.9	
104 Bromobenzene	156	11.104	11.103	0.001	94	64046	20.0	17.9	
105 1,2,3-Trichloropropane	110	11.280	11.280	0.000	86	16791	20.0	17.8	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	94	69621	20.0	17.5	
107 trans-1,4-Dichloro-2-butene	53	11.372	11.372	0.000	84	21750	20.0	17.0	
108 N-Propylbenzene	120	11.408	11.408	0.000	99	76895	20.0	19.5	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	67423	20.0	19.5	
110 4-Ethyltoluene	105	11.610	11.603	0.007	98	275639	20.0	18.5	
111 4-Chlorotoluene	91	11.652	11.658	-0.006	98	213572	20.0	18.0	
112 1,3,5-Trimethylbenzene	105	11.731	11.731	0.000	92	236593	20.0	18.9	
100 Butyl Methacrylate	87	12.073	12.079	-0.006	96	67187	20.0	17.4	
113 tert-Butylbenzene	119	12.286	12.286	0.000	92	187075	20.0	19.0	
114 1,2,4-Trimethylbenzene	105	12.384	12.384	0.000	99	244886	20.0	19.0	
115 sec-Butylbenzene	105	12.701	12.701	0.000	99	309416	20.0	19.3	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	94	128271	20.0	18.6	
* 117 1,4-Dichlorobenzene-d4	152	12.878	12.883	-0.005	97	276491	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.908	12.908	0.000	96	128684	20.0	18.0	
119 4-Isopropyltoluene	119	12.945	12.938	0.007	98	261470	20.0	19.2	
120 1,2,3-Trimethylbenzene	105	13.012	13.012	0.000	99	250094	20.0	18.2	
121 Benzyl chloride	126	13.103	13.103	0.000	98	21291	20.0	18.7	
122 2,3-Dihydroindene	117	13.195	13.194	0.001	94	230560	20.0	20.8	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	95	126289	20.0	18.3	
124 p-Diethylbenzene	119	13.347	13.347	0.000	91	138905	20.0	18.8	
125 n-Butylbenzene	92	13.365	13.365	0.000	98	154617	20.0	19.4	
126 1,2-Dibromo-3-Chloropropane	157	13.926	13.926	0.000	82	12712	20.0	17.1	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	97	250892	20.0	19.7	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	97	106210	20.0	18.5	
129 1,2,4-Trichlorobenzene	180	14.438	14.438	0.000	94	95647	20.0	18.2	
130 Hexachlorobutadiene	225	14.554	14.554	0.000	94	47603	20.0	18.9	
131 Naphthalene	128	14.572	14.566	0.006	99	237235	20.0	19.1	
132 1,2,3-Trichlorobenzene	180	14.706	14.700	0.006	96	94653	20.0	18.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	43.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	35.1	
S 135 Xylenes, Total	100				0		40.0	38.0	
S 136 Total BTEX	1				0		100.0	93.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 14:10:27 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93143.D

Injection Date: 17-Oct-2022 19:30:30 Instrument ID: CVOAMS2 Operator ID:

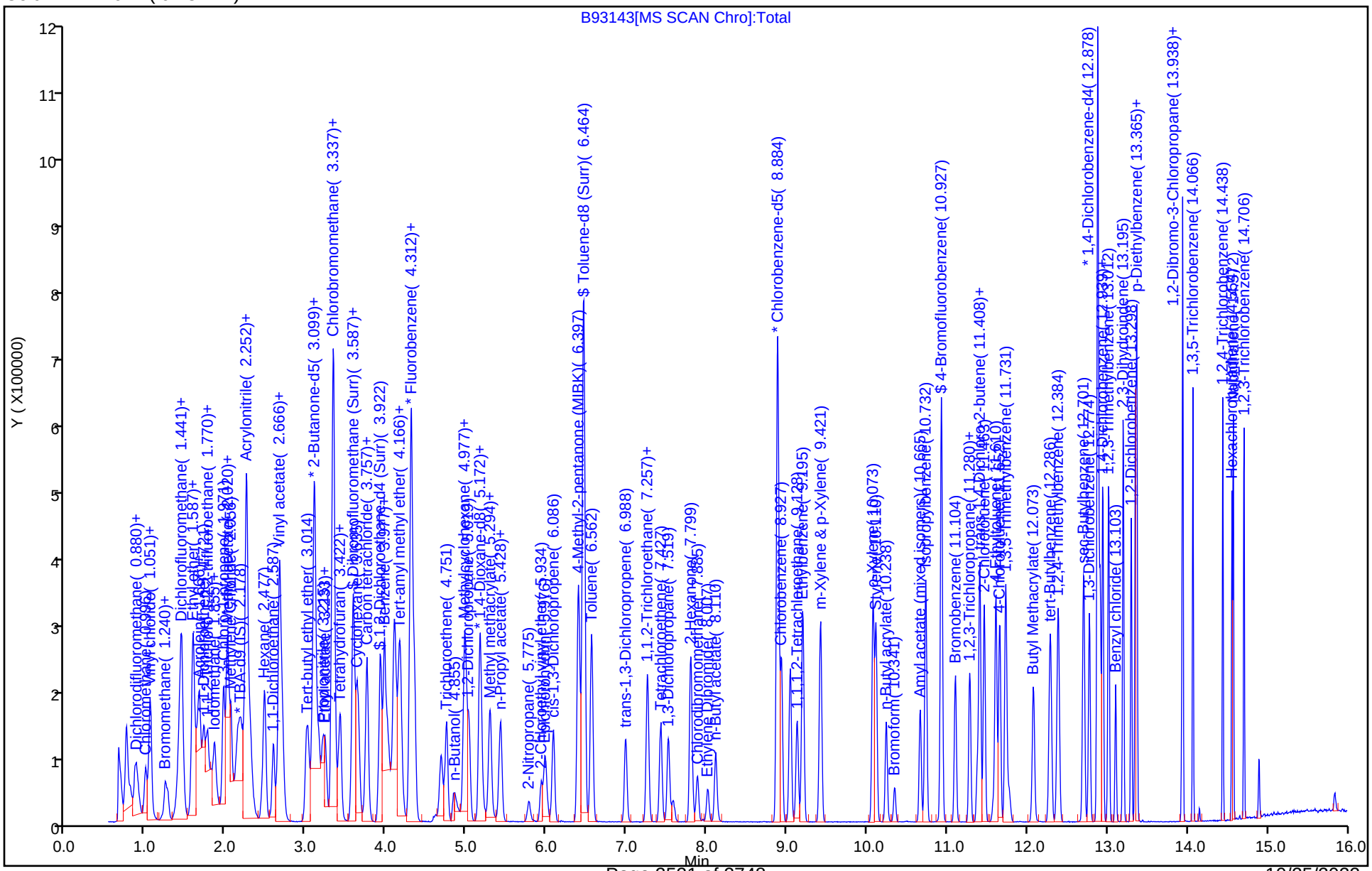
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93143.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 19:30:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151860-005
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:09:34 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 19:57:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.4	108.71
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.5	105.00
$ 79 Toluene-d8 (Surr)	50.0	46.5	93.08
$ 103 4-Bromofluorobenzene	50.0	46.9	93.85

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872434/4

Matrix: Solid | Lab File ID: D99238.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 19:45

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872434 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0202		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0182		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0186		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0198		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0212		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0190		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0198		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0192		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0207		0.0010	0.00039
108-90-7	Chlorobenzene	0.0187		0.0010	0.00018
75-00-3	Chloroethane	0.0207		0.0010	0.00052
67-66-3	Chloroform	0.0192		0.0010	0.00097
74-87-3	Chloromethane	0.0205		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0197		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0193		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0189		0.0010	0.00019
75-09-2	Methylene Chloride	0.0197		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0196		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0201		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0188		0.0010	0.00027
79-01-6	Trichloroethene	0.0205		0.0010	0.00032
75-01-4	Vinyl chloride	0.0224		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	101		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99238.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 19:45:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151861-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:11:47 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 20:07:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.254	-0.006	84	10635	20.0	3.25	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	95	28052	20.0	8.94	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	99	162608	20.0	19.5	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	97	92979	20.0	13.0	
6 Chloromethane	50	1.449	1.455	-0.006	99	133474	20.0	20.5	
8 Vinyl chloride	62	1.540	1.547	-0.006	99	156293	20.0	22.4	
7 Butadiene	54	1.571	1.571	0.000	95	156387	20.0	22.7	
9 Bromomethane	94	1.839	1.845	-0.006	99	90812	20.0	17.8	
10 Chloroethane	64	1.937	1.937	0.000	100	68056	20.0	20.7	
13 Trichlorofluoromethane	101	2.132	2.132	0.000	98	166361	20.0	21.7	
11 Dichlorofluoromethane	67	2.132	2.138	-0.006	99	165131	20.0	19.8	
12 Pentane	72	2.180	2.187	-0.007	96	37949	40.0	41.7	
15 Ethanol	46	2.382	2.388	-0.006	94	8636	800.0	775.8	
14 Ethyl ether	59	2.400	2.406	-0.006	90	48987	20.0	19.3	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	98	85859	20.0	20.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.467	-0.006	88	83577	20.0	20.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.534	-0.006	95	129517	20.0	20.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.583	2.583	0.000	93	109731	20.0	22.1	
19 Acrolein	56	2.583	2.589	-0.006	97	94436	300.0	327.9	
21 1,1-Dichloroethene	96	2.613	2.613	0.000	97	90027	20.0	21.2	
22 Acetone	43	2.723	2.723	0.000	86	59106	100.0	84.8	
23 Iodomethane	142	2.772	2.772	0.000	99	120478	20.0	17.7	
24 Carbon disulfide	76	2.796	2.802	-0.006	99	308086	20.0	20.8	
25 Isopropyl alcohol	45	2.857	2.863	-0.006	98	23170	200.0	164.9	
26 3-Chloro-1-propene	76	2.973	2.973	0.000	89	51554	20.0	19.8	
28 Cyclopentene	67	2.985	2.991	-0.006	94	226895	20.0	20.8	
27 Methyl acetate	43	2.997	3.004	-0.007	99	58134	40.0	40.6	
29 Acetonitrile	40	3.052	3.058	-0.006	98	24633	200.0	165.1	
30 Methylene Chloride	84	3.119	3.119	0.000	90	81961	20.0	19.7	
* 31 TBA-d9 (IS)	65	3.138	3.138	0.000	0	191712	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.217	3.217	0.000	98	42074	200.0	170.5	

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	3.302	3.302	0.000	96	157121	20.0	20.0	
34 trans-1,2-Dichloroethene	96	3.333	3.333	0.000	93	93671	20.0	20.1	
35 Acrylonitrile	53	3.418	3.418	0.000	93	142589	200.0	160.2	
36 Hexane	57	3.516	3.516	0.000	92	137849	20.0	22.5	
37 Isopropyl ether	45	3.765	3.766	-0.001	96	188302	20.0	19.9	
38 1,1-Dichloroethane	63	3.790	3.790	0.000	99	145063	20.0	19.8	
39 Vinyl acetate	86	3.826	3.827	-0.001	99	21015	40.0	37.6	
40 2-Chloro-1,3-butadiene	88	3.839	3.839	0.000	90	79495	20.0	20.2	
41 Tert-butyl ethyl ether	59	4.131	4.137	-0.006	89	171905	20.0	20.0	
43 2,2-Dichloropropane	79	4.351	4.357	-0.006	95	40739	20.0	19.5	
* 42 2-Butanone-d5	46	4.363	4.363	0.000	95	177643	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.399	4.400	-0.001	97	89672	20.0	19.7	
45 2-Butanone (MEK)	72	4.424	4.430	-0.006	99	23198	100.0	84.6	
46 Ethyl acetate	70	4.448	4.448	0.000	98	8265	40.0	32.0	
47 Methyl acrylate	55	4.503	4.503	0.000	100	33755	20.0	20.2	
48 Propionitrile	54	4.576	4.582	-0.006	98	51394	200.0	184.7	
49 Chlorobromomethane	128	4.662	4.662	0.000	84	37909	20.0	19.7	
50 Tetrahydrofuran	72	4.662	4.668	-0.006	87	9957	40.0	39.3	
51 Methacrylonitrile	67	4.692	4.698	-0.006	91	172751	200.0	192.9	
52 Chloroform	83	4.735	4.741	-0.006	99	134792	20.0	19.2	
53 Cyclohexane	84	4.857	4.857	0.000	89	134051	20.0	21.5	
54 1,1,1-Trichloroethane	97	4.881	4.881	0.000	98	130604	20.0	20.2	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.924	-0.006	97	175246	50.0	50.5	
56 Carbon tetrachloride	117	5.021	5.021	0.000	97	121866	20.0	20.7	
57 1,1-Dichloropropene	75	5.064	5.070	-0.006	97	116642	20.0	21.2	
58 Isobutyl alcohol	43	5.277	5.284	-0.007	88	79376	500.0	368.2	
59 Benzene	78	5.296	5.296	0.000	96	297141	20.0	19.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.326	0.000	97	143760	50.0	48.7	
61 Tert-amyl methyl ether	87	5.393	5.399	-0.006	92	44859	20.0	19.2	
63 1,2-Dichloroethane	62	5.418	5.418	0.000	97	75844	20.0	19.0	
62 Isopropyl acetate	61	5.411	5.418	-0.007	97	23923	20.0	19.5	
64 n-Heptane	43	5.509	5.515	-0.006	90	118202	20.0	21.7	
* 65 Fluorobenzene	96	5.649	5.655	-0.006	99	494161	50.0	50.0	
67 Trichloroethene	95	6.082	6.082	0.000	97	83057	20.0	20.5	
66 n-Butanol	56	6.113	6.119	-0.006	90	13490	500.0	293.8	
68 Methylcyclohexane	83	6.210	6.210	0.000	94	147124	20.0	22.0	
69 Ethyl acrylate	55	6.259	6.265	-0.006	99	39545	20.0	22.5	
70 1,2-Dichloropropane	63	6.423	6.424	-0.001	91	63819	20.0	19.8	
* 71 1,4-Dioxane-d8	96	6.509	6.515	-0.006	0	18928	1000.0	1000.0	
72 Methyl methacrylate	100	6.558	6.558	0.000	83	22641	40.0	39.9	
73 1,4-Dioxane	88	6.576	6.582	-0.006	68	9285	400.0	278.2	
74 Dibromomethane	93	6.582	6.582	0.000	93	36337	20.0	19.1	
75 n-Propyl acetate	43	6.637	6.637	0.000	97	46291	20.0	20.2	
76 Dichlorobromomethane	83	6.777	6.777	0.000	99	86554	20.0	19.2	
77 2-Nitropropane	41	7.143	7.143	0.000	99	18569	40.0	38.1	
78 2-Chloroethyl vinyl ether	63	7.167	7.167	0.000	93	24014	20.0	19.8	
79 Epichlorohydrin	57	7.259	7.265	-0.006	98	67935	400.0	353.5	
80 cis-1,3-Dichloropropene	75	7.314	7.314	0.000	91	97600	20.0	19.3	
81 4-Methyl-2-pentanone (MIBK)	43	7.478	7.478	0.000	96	149802	100.0	85.1	
$ 82 Toluene-d8 (Surr)	98	7.533	7.539	-0.006	99	562935	50.0	48.8	
83 Toluene	91	7.606	7.606	0.000	92	300408	20.0	18.9	
84 trans-1,3-Dichloropropene	75	7.935	7.936	-0.001	95	78800	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
85 Ethyl methacrylate	69	7.966	7.966	0.000	88	50750	20.0	19.0	
86 1,1,2-Trichloroethane	83	8.106	8.106	0.000	96	38596	20.0	18.6	
87 Tetrachloroethene	166	8.130	8.131	-0.001	99	88365	20.0	19.6	
88 1,3-Dichloropropane	76	8.265	8.271	-0.006	91	72275	20.0	19.3	
89 2-Hexanone	43	8.319	8.326	-0.007	94	98015	100.0	86.1	
90 n-Butyl acetate	73	8.417	8.417	0.000	98	10006	20.0	19.7	
91 Chlorodibromomethane	129	8.447	8.448	-0.001	98	58022	20.0	18.9	
92 Ethylene Dibromide	107	8.551	8.551	0.000	98	46750	20.0	20.2	
* 93 Chlorobenzene-d5	117	8.935	8.941	-0.006	85	401402	50.0	50.0	
94 Chlorobenzene	112	8.966	8.966	0.000	97	177711	20.0	18.7	
95 Ethylbenzene	106	9.033	9.033	0.000	98	103026	20.0	18.5	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.045	0.000	97	60127	20.0	17.8	
97 m-Xylene & p-Xylene	106	9.136	9.136	0.000	0	123711	20.0	18.8	
98 n-Butyl acrylate	73	9.453	9.453	0.000	97	31372	20.0	18.0	
99 o-Xylene	106	9.466	9.466	0.000	94	115637	20.0	18.2	
100 Styrene	104	9.490	9.490	0.000	97	184636	20.0	18.2	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	56414	20.0	18.3	
102 Bromoform	173	9.667	9.667	0.000	97	34675	20.0	18.6	
103 Isopropylbenzene	105	9.752	9.752	0.000	95	317351	20.0	19.2	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	171892	50.0	48.6	
105 Bromobenzene	156	10.026	10.027	-0.001	90	75444	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.000	98	46200	20.0	18.2	
107 N-Propylbenzene	91	10.075	10.075	0.000	99	381314	20.0	18.8	
108 1,2,3-Trichloropropane	110	10.093	10.094	-0.001	96	13427	20.0	18.2	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	88	12713	20.0	21.8	
110 4-Ethyltoluene	105	10.161	10.161	0.000	99	312058	20.0	17.6	
111 2-Chlorotoluene	91	10.161	10.167	-0.006	95	232805	20.0	17.4	
112 1,3,5-Trimethylbenzene	105	10.215	10.216	-0.001	93	260610	20.0	18.8	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	208525	20.0	17.7	
114 Butyl Methacrylate	87	10.282	10.283	-0.001	87	64517	20.0	18.0	
115 tert-Butylbenzene	119	10.447	10.447	0.000	95	235915	20.0	18.8	
116 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	251208	20.0	18.1	
117 sec-Butylbenzene	105	10.612	10.612	0.000	99	360087	20.0	19.0	
118 4-Isopropyltoluene	119	10.715	10.715	0.000	98	300887	20.0	18.4	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	97	139504	20.0	17.1	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	0.000	94	218774	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	96	140361	20.0	17.2	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	242198	20.0	17.3	
123 Benzyl chloride	126	10.910	10.911	-0.001	99	17441	20.0	17.0	
124 2,3-Dihydroindene	117	10.959	10.959	0.000	93	252312	20.0	18.7	
125 p-Diethylbenzene	119	10.990	10.990	0.000	95	169064	20.0	18.1	a
126 n-Butylbenzene	92	11.008	11.008	0.000	96	155759	20.0	18.1	
127 1,2-Dichlorobenzene	146	11.075	11.075	0.000	98	122260	20.0	18.0	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	97	234072	20.0	17.9	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.666	0.000	91	8706	20.0	19.9	
130 1,3,5-Trichlorobenzene	180	11.782	11.782	0.000	97	98265	20.0	17.3	
131 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	72620	20.0	18.6	
132 Hexachlorobutadiene	225	12.435	12.435	-0.001	94	56132	20.0	18.9	
133 Naphthalene	128	12.587	12.587	0.000	99	116490	20.0	22.4	
134 1,2,3-Trichlorobenzene	180	12.843	12.843	0.000	96	59680	20.0	20.3	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 136 1,3-Dichloropropene, Total	100				0		40.0	38.1	

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	37.0	
S 138 Total BTEX	1				0		100.0	93.6	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 17:13:21 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99238.D

Injection Date: 17-Oct-2022 19:45:30 Instrument ID: CVOAMS4 Operator ID:

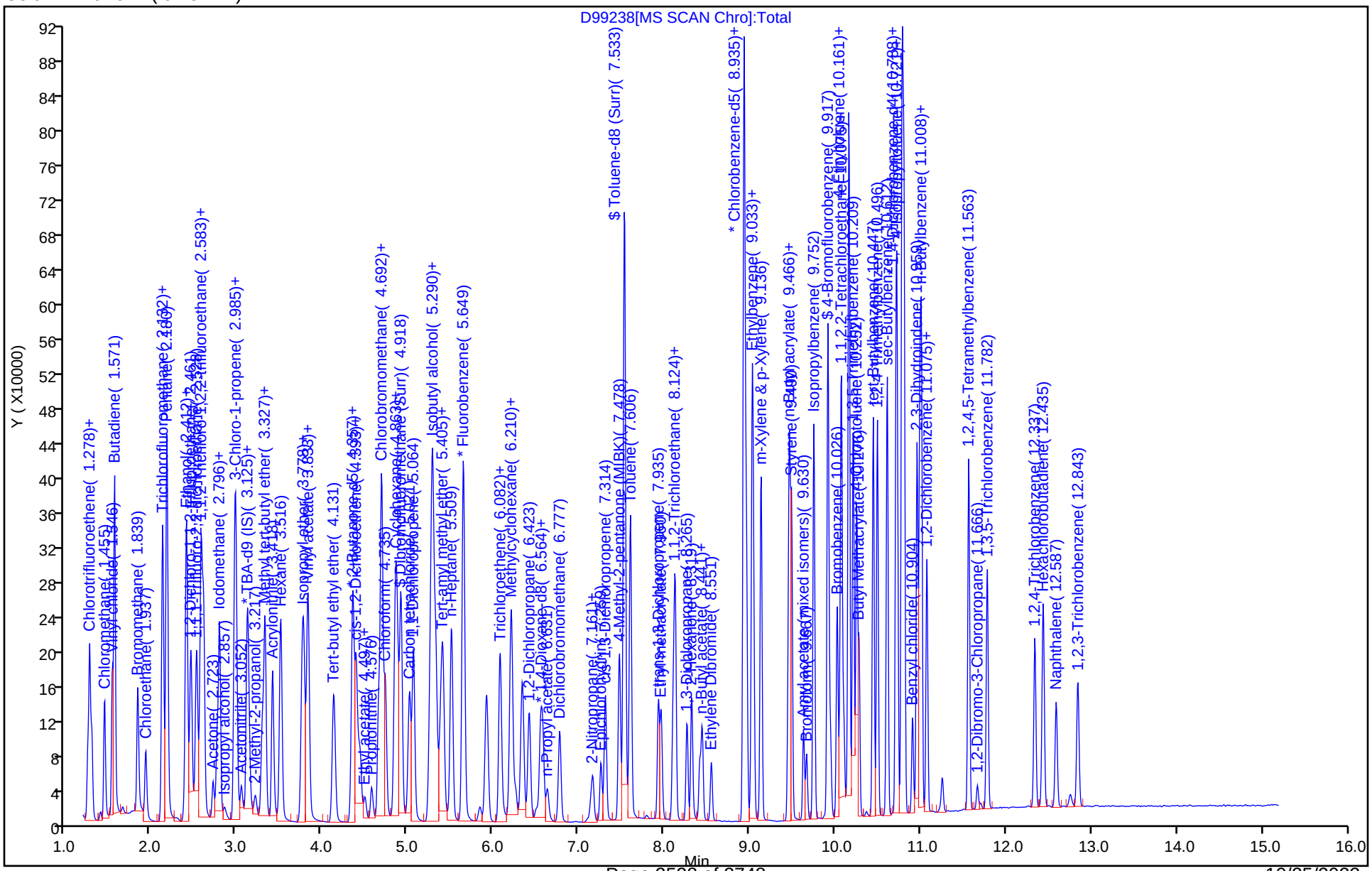
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\D99238.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 19:45:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151861-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151861.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 17:11:47 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 20:07:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.5	101.07
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.7	97.31
$ 82 Toluene-d8 (Surr)	50.0	48.8	97.51
$ 104 4-Bromofluorobenzene	50.0	48.6	97.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872456/4

Matrix: Solid | Lab File ID: K39178.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 20:35

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872456 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0245		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0203		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0197		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0235		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0234		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0204		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0215		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0236		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0297		0.0010	0.00039
108-90-7	Chlorobenzene	0.0193		0.0010	0.00018
75-00-3	Chloroethane	0.0204		0.0010	0.00052
67-66-3	Chloroform	0.0218		0.0010	0.00097
74-87-3	Chloromethane	0.0188		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0222		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0198		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0287		0.0010	0.00019
75-09-2	Methylene Chloride	0.0212		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0199		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0225		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0193		0.0010	0.00027
79-01-6	Trichloroethene	0.0206		0.0010	0.00032
75-01-4	Vinyl chloride	0.0221		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39178.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 20:35:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151865-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:13:31 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 21:02:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.127	1.138	-0.011	89	33699	NC	NC	
2 Chlorotrifluoroethene	116	1.161	1.150	0.011	53	13264	20.0	4.05	
5 Chlorodifluoromethane	67	1.161	1.173	-0.012	95	21386	20.0	16.9	
4 Dichlorodifluoromethane	85	1.161	1.173	-0.012	87	155889	20.0	16.7	
6 Chloromethane	50	1.287	1.287	0.000	98	162826	20.0	18.8	M
7 Butadiene	54	1.355	1.356	-0.001	91	126167	20.0	23.4	
8 Vinyl chloride	62	1.367	1.367	0.000	97	138939	20.0	22.1	
9 Bromomethane	94	1.573	1.573	0.000	99	122720	20.0	20.3	
10 Chloroethane	64	1.618	1.618	0.000	79	84598	20.0	20.4	
11 Dichlorofluoromethane	67	1.756	1.756	0.000	99	240646	20.0	21.0	
12 Trichlorofluoromethane	101	1.801	1.813	-0.012	50	204071	20.0	21.3	
13 Pentane	72	1.801	1.813	-0.012	97	40096	40.0	30.1	
14 Ethanol	46	1.950	1.950	0.000	65	16273	800.0	633.4	Ma
15 Ethyl ether	59	1.950	1.950	0.000	97	75916	20.0	21.1	
16 2-Methyl-1,3-butadiene	53	1.973	1.973	0.000	82	87657	20.0	21.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.973	1.996	-0.023	82	110150	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.030	2.030	0.000	52	164061	20.0	19.5	a
19 Acrolein	56	2.041	2.053	-0.012	96	229639	300.0	276.6	
21 1,1-Dichloroethene	96	2.110	2.121	-0.011	98	99424	20.0	23.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.144	2.144	0.000	96	122543	20.0	23.3	
22 Acetone	43	2.156	2.167	-0.011	68	157690	100.0	110.7	
23 Iodomethane	142	2.224	2.236	-0.012	97	198938	20.0	23.4	
25 Carbon disulfide	76	2.270	2.281	-0.011	99	368051	20.0	24.9	
24 Isopropyl alcohol	45	2.281	2.316	-0.035	24	36160	200.0	189.6	Ma
26 3-Chloro-1-propene	39	2.373	2.373	0.000	89	118568	20.0	21.5	
27 Methyl acetate	43	2.384	2.396	-0.012	97	103472	40.0	35.9	
29 Acetonitrile	39	2.430	2.441	-0.011	28	74360	200.0	179.4	a
28 Cyclopentene	67	2.441	2.441	0.000	91	260989	20.0	24.5	
31 Methylene Chloride	84	2.464	2.464	0.000	90	116240	20.0	21.2	
* 30 TBA-d9 (IS)	65	2.556	2.567	-0.011	97	482733	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.624	2.624	0.000	35	120756	200.0	190.1	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.647	2.647	0.000	95	326598	200.0	223.9	
34 trans-1,2-Dichloroethene	96	2.670	2.670	0.000	94	107947	20.0	22.5	
33 Methyl tert-butyl ether	73	2.670	2.693	-0.023	95	290911	20.0	22.0	
36 Hexane	43	2.887	2.899	-0.012	92	77370	20.0	22.6	
38 1,1-Dichloroethane	63	3.001	3.001	0.000	100	180570	20.0	23.5	
39 Vinyl acetate	86	3.036	3.047	-0.011	100	28378	40.0	36.9	
37 Isopropyl ether	45	3.070	3.070	0.000	82	272556	20.0	21.5	
40 2-Chloro-1,3-butadiene	88	3.081	3.081	0.000	85	99812	20.0	23.4	
41 Tert-butyl ethyl ether	87	3.379	3.379	0.000	90	124130	20.0	21.3	
* 42 2-Butanone-d5	46	3.459	3.436	0.023	98	328238	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.493	3.504	-0.011	98	117367	20.0	22.2	
43 2,2-Dichloropropane	79	3.516	3.504	0.012	91	50725	20.0	21.2	
46 2-Butanone (MEK)	72	3.516	3.516	0.000	97	53404	100.0	98.1	
45 Ethyl acetate	70	3.550	3.550	0.000	95	14069	40.0	37.2	
48 Propionitrile	54	3.573	3.573	0.000	88	127067	200.0	157.9	
47 Methyl acrylate	55	3.573	3.573	0.000	97	78716	20.0	23.0	
51 Methacrylonitrile	67	3.699	3.710	-0.011	88	338594	200.0	209.1	
50 Chlorobromomethane	128	3.710	3.710	0.000	80	57140	20.0	21.8	
49 Tetrahydrofuran	72	3.779	3.767	0.012	44	25212	40.0	34.7	
52 Chloroform	83	3.779	3.790	-0.011	99	177224	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	3.927	3.939	-0.012	95	219572	50.0	53.4	
54 1,1,1-Trichloroethane	97	3.961	3.973	-0.012	97	163799	20.0	24.5	
53 Cyclohexane	84	4.030	4.030	0.000	87	189979	20.0	23.7	
57 1,1-Dichloropropene	75	4.110	4.122	-0.012	98	133071	20.0	22.6	
56 Carbon tetrachloride	117	4.133	4.133	0.000	97	121851	20.0	29.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.259	4.259	0.000	0	214031	50.0	51.7	
58 Isobutyl alcohol	74	4.316	4.327	-0.011	31	30436	500.0	415.5	a
60 Benzene	78	4.316	4.327	-0.011	94	382651	20.0	20.0	
64 1,2-Dichloroethane	62	4.327	4.327	0.000	57	117037	20.0	20.4	
59 Isooctane	57	4.419	4.419	0.000	97	376210	20.0	22.1	
62 Isopropyl acetate	61	4.419	4.430	-0.011	82	30349	20.0	21.5	
63 Tert-amyl methyl ether	73	4.453	4.453	0.000	99	312097	20.0	22.4	
* 66 Fluorobenzene	96	4.602	4.602	0.000	99	780353	50.0	50.0	
65 n-Heptane	43	4.613	4.624	-0.011	92	129970	20.0	21.7	
68 n-Butanol	56	4.944	4.956	-0.012	24	38806	500.0	445.7	a
69 Trichloroethene	95	4.990	5.002	-0.012	97	91213	20.0	20.6	
70 Ethyl acrylate	55	5.127	5.127	0.000	98	73146	20.0	19.7	
71 Methylcyclohexane	83	5.219	5.219	0.000	91	207364	20.0	22.9	
72 1,2-Dichloropropane	63	5.242	5.242	0.000	91	88651	20.0	21.5	
* 73 1,4-Dioxane-d8	96	5.356	5.345	0.011	34	48611	1000.0	1000.0	
77 Dibromomethane	93	5.367	5.367	0.000	95	55512	20.0	21.4	
75 1,4-Dioxane	88	5.470	5.402	0.068	29	29643	400.0	461.0	a
74 Methyl methacrylate	69	5.402	5.402	0.000	82	90854	40.0	44.8	
76 n-Propyl acetate	43	5.482	5.482	0.000	99	88656	20.0	23.4	
78 Dichlorobromomethane	83	5.562	5.562	0.000	99	106823	20.0	23.6	
79 2-Nitropropane	41	5.836	5.847	-0.011	98	20068	40.0	70.2	
67 2-Chloroethyl vinyl ether	63	5.950	5.950	0.000	86	8509	20.0	40.4	
80 Epichlorohydrin	57	6.007	6.007	0.000	99	143818	400.0	416.8	
81 cis-1,3-Dichloropropene	75	6.110	6.110	0.000	92	118893	20.0	19.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.350	6.350	0.000	95	406824	100.0	106.8	
$ 83 Toluene-d8 (Surr)	98	6.453	6.453	0.000	99	791318	50.0	47.8	
84 Toluene	91	6.533	6.533	0.000	92	399611	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
85 trans-1,3-Dichloropropene	75	6.842	6.842	0.000	97	94164	20.0	19.3	
86 Ethyl methacrylate	69	7.013	7.025	-0.012	87	82559	20.0	18.7	
87 1,1,2-Trichloroethane	83	7.082	7.082	0.000	94	59985	20.0	19.7	
88 Tetrachloroethene	166	7.265	7.265	0.000	94	83305	20.0	19.9	
89 1,3-Dichloropropane	76	7.310	7.310	0.000	90	113207	20.0	19.4	
90 2-Hexanone	43	7.482	7.482	0.000	95	238087	100.0	133.0	
92 Chlorodibromomethane	129	7.608	7.608	0.000	98	64945	20.0	28.7	
91 n-Butyl acetate	43	7.699	7.699	0.000	98	82705	20.0	23.7	
93 Ethylene Dibromide	107	7.745	7.756	-0.011	98	68313	20.0	19.5	
* 94 Chlorobenzene-d5	117	8.453	8.453	0.000	85	540718	50.0	50.0	
95 Chlorobenzene	112	8.488	8.488	0.000	96	233570	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	8.636	8.636	0.000	94	83731	20.0	24.6	
96 Ethylbenzene	106	8.682	8.682	0.000	97	144776	20.0	20.7	
98 m-Xylene & p-Xylene	106	8.853	8.853	0.000	0	169784	20.0	19.5	
100 o-Xylene	106	9.345	9.345	0.000	95	193308	20.0	20.1	
101 Styrene	104	9.368	9.368	0.000	96	261601	20.0	19.0	
99 n-Butyl acrylate	73	9.379	9.379	0.000	98	50687	20.0	25.8	
103 Bromoform	173	9.551	9.551	0.000	93	34136	20.0	29.2	
102 Amyl acetate (mixed isomers)	43	9.653	9.654	-0.001	92	96658	20.0	33.6	
104 Isopropylbenzene	105	9.779	9.779	0.000	95	503499	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	9.916	9.916	0.000	87	203649	50.0	48.6	
106 Bromobenzene	156	10.053	10.054	-0.001	96	97491	20.0	19.4	
107 1,1,2,2-Tetrachloroethane	83	10.099	10.099	0.000	98	110816	20.0	20.3	
109 1,2,3-Trichloropropane	110	10.122	10.122	0.000	98	29192	20.0	18.6	
110 trans-1,4-Dichloro-2-butene	53	10.156	10.156	0.000	65	20174	20.0	20.2	
108 N-Propylbenzene	91	10.202	10.202	0.000	99	563209	20.0	20.8	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	325469	20.0	20.2	
112 4-Ethyltoluene	105	10.316	10.316	0.000	99	452705	20.0	20.3	
114 4-Chlorotoluene	91	10.374	10.374	0.000	99	341107	20.0	20.1	
113 1,3,5-Trimethylbenzene	105	10.385	10.385	0.000	93	425994	20.0	20.2	
115 Butyl Methacrylate	87	10.511	10.522	-0.011	90	95978	20.0	31.1	
116 tert-Butylbenzene	119	10.682	10.682	0.000	94	312162	20.0	18.4	
117 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	430699	20.0	19.5	
118 sec-Butylbenzene	105	10.876	10.877	0.000	99	559889	20.0	20.6	
120 1,3-Dichlorobenzene	146	10.956	10.957	-0.001	97	200384	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	97	291576	50.0	50.0	
119 4-Isopropyltoluene	119	11.014	11.014	0.000	94	471831	20.0	20.2	
122 1,4-Dichlorobenzene	146	11.036	11.037	-0.001	96	199066	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	11.094	11.094	0.000	98	450964	20.0	19.3	
124 Benzyl chloride	91	11.162	11.162	0.000	99	110596	20.0	25.5	
125 2,3-Dihydroindene	117	11.254	11.254	0.000	94	419202	20.0	20.0	
126 p-Diethylbenzene	119	11.345	11.345	0.000	92	254993	20.0	19.9	
128 1,2-Dichlorobenzene	146	11.345	11.345	0.000	95	204967	20.0	19.2	
127 n-Butylbenzene	92	11.356	11.357	-0.001	98	263979	20.0	19.9	
129 1,2,4,5-Tetramethylbenzene	119	11.951	11.951	0.000	97	465589	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.962	11.962	0.000	91	21068	20.0	19.0	
131 1,3,5-Trichlorobenzene	180	12.122	12.122	0.000	96	170579	20.0	20.5	
132 1,2,4-Trichlorobenzene	180	12.579	12.580	-0.001	94	162515	20.0	19.7	
133 Hexachlorobutadiene	225	12.705	12.705	0.000	89	63113	20.0	20.7	
134 Naphthalene	128	12.751	12.751	0.000	99	482283	20.0	21.4	
135 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	163056	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.7	

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	39.5	
S 139 Total BTEX	1				0		100.0	100.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

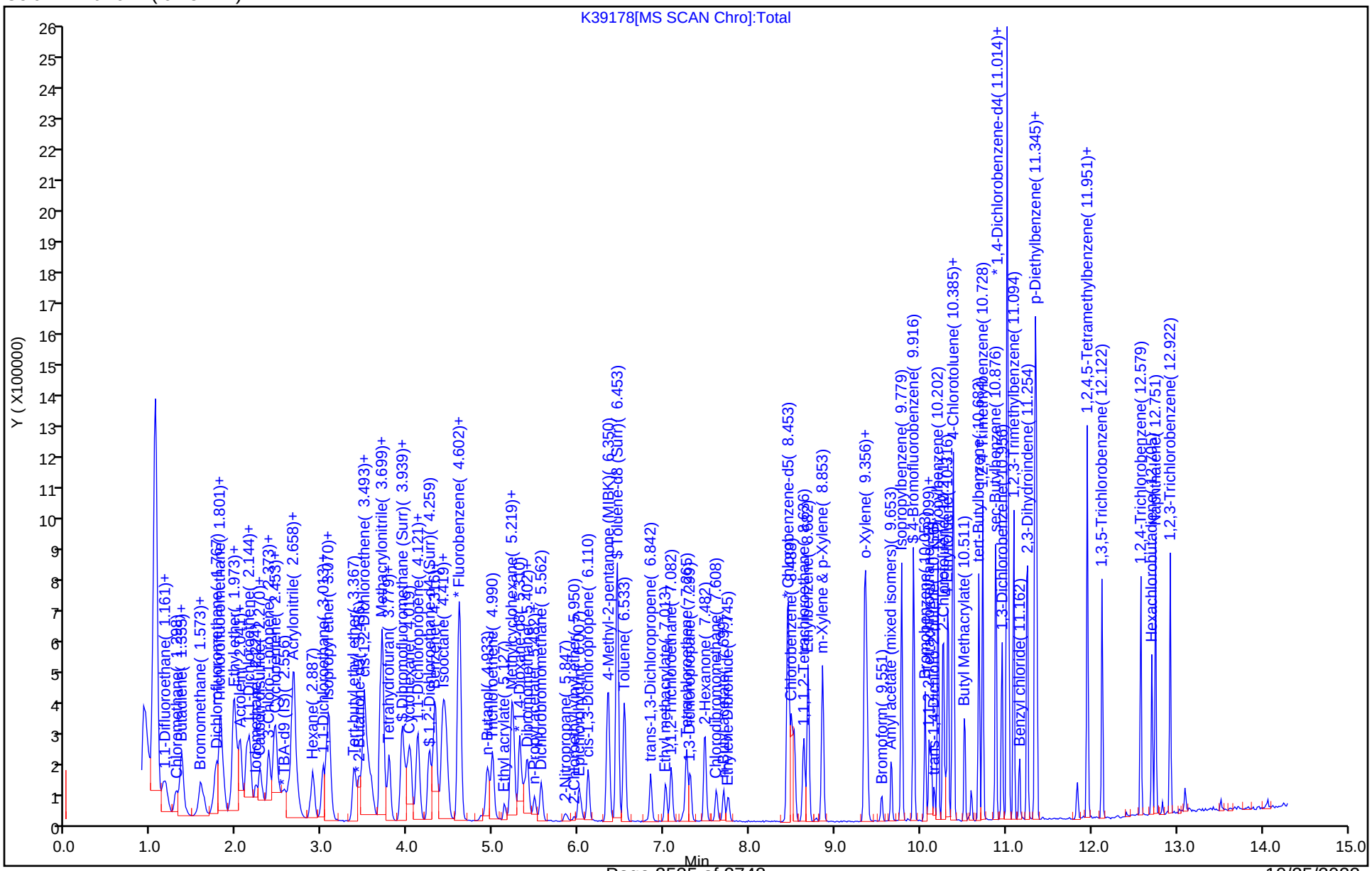
Report Date: 18-Oct-2022 12:13:32 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39178.D

Injection Date:	17-Oct-2022 20:35:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39178.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2022 20:35:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151865-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 12:13:31 Calib Date: 04-Oct-2022 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221004-151264.b\K38867.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: C1JX Date: 17-Oct-2022 21:02:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.4	106.86
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.39
$ 83 Toluene-d8 (Surr)	50.0	47.8	95.63
$ 105 4-Bromofluorobenzene	50.0	48.6	97.13

Manual Integration/User Assign Peak Report

Eurofins Edison

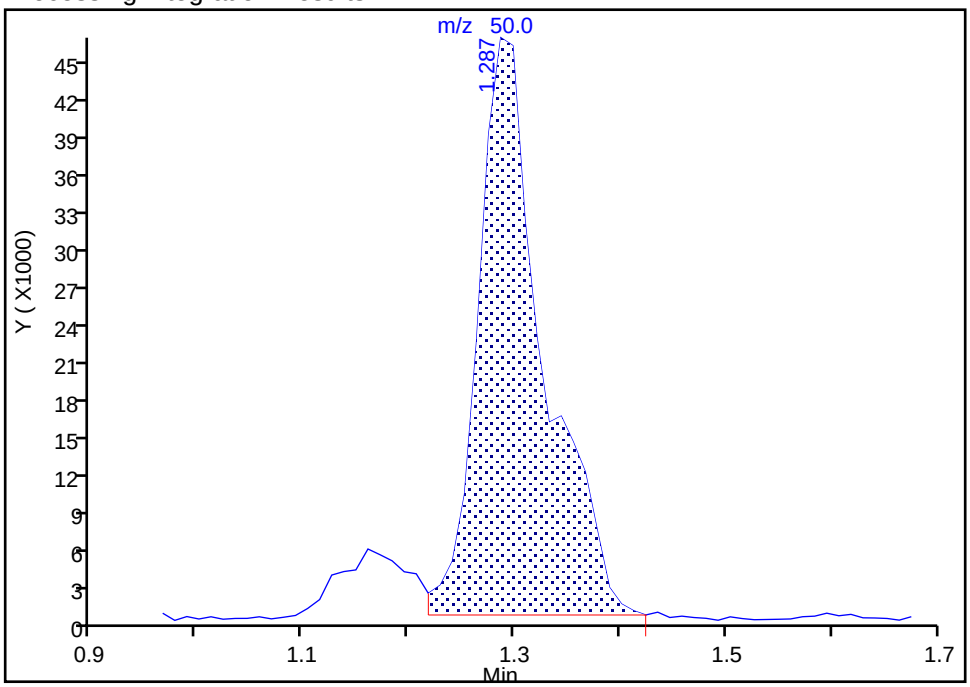
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221017-151865.b\K39178.D
Injection Date: 17-Oct-2022 20:35:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

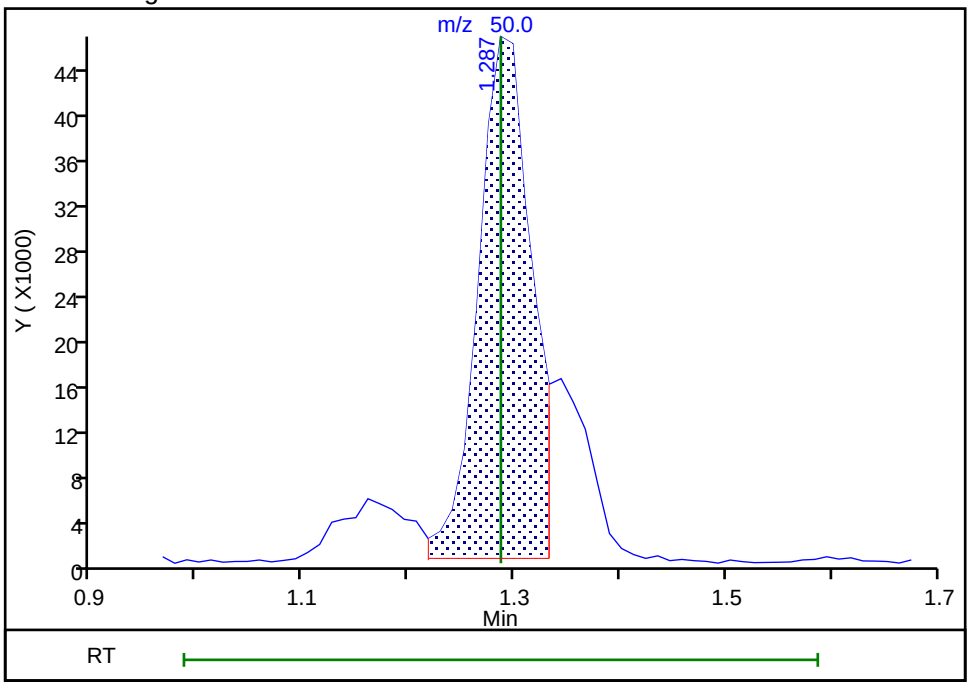
Processing Integration Results

RT: 1.29
Area: 197719
Amount: 22.791706
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 162826
Amount: 18.769477
Amount Units: ug/l



Reviewer: NN6A, 18-Oct-2022 12:12:20
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872520/5

Matrix: Solid | Lab File ID: D99269.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 07:48

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0198		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0164		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0180		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0197		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0209		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0186		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0203		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0191		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0199		0.0010	0.00039
108-90-7	Chlorobenzene	0.0181		0.0010	0.00018
75-00-3	Chloroethane	0.0199		0.0010	0.00052
67-66-3	Chloroform	0.0193		0.0010	0.00097
74-87-3	Chloromethane	0.0199		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0197		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0188		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0178		0.0010	0.00019
75-09-2	Methylene Chloride	0.0201		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0187		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0203		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0182		0.0010	0.00027
79-01-6	Trichloroethene	0.0202		0.0010	0.00032
75-01-4	Vinyl chloride	0.0215		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	Bromofluorobenzene	95		75-139
1868-53-7	Dibromofluoromethane (Surr)	106		73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99269.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 07:48:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151878-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:35:03 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 08:16:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	90	86386	20.0	20.3	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	95	82525	20.0	20.2	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	98	212422	20.0	19.5	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	98	196554	20.0	21.2	
6 Chloromethane	50	1.449	1.449	0.000	99	169515	20.0	19.9	
8 Vinyl chloride	62	1.540	1.540	0.000	98	195708	20.0	21.5	
7 Butadiene	54	1.571	1.571	0.000	95	196751	20.0	22.0	
9 Bromomethane	94	1.839	1.839	0.000	99	121637	20.0	18.3	
10 Chloroethane	64	1.931	1.937	-0.006	100	85540	20.0	19.9	
13 Trichlorofluoromethane	101	2.132	2.132	0.000	98	202713	20.0	20.3	
11 Dichlorofluoromethane	67	2.132	2.132	0.000	99	215767	20.0	19.8	
12 Pentane	72	2.180	2.181	-0.001	96	47439	40.0	40.0	
15 Ethanol	46	2.382	2.382	0.000	92	10242	800.0	829.2	
14 Ethyl ether	59	2.400	2.400	0.000	92	63654	20.0	19.2	
16 2-Methyl-1,3-butadiene	53	2.412	2.412	0.000	97	107911	20.0	20.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.461	2.461	0.000	85	110466	20.0	20.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.528	0.000	95	176301	20.0	20.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	97	135678	20.0	21.0	
19 Acrolein	56	2.583	2.583	0.000	98	99129	300.0	264.3	
21 1,1-Dichloroethene	96	2.613	2.613	0.000	97	115325	20.0	20.9	
22 Acetone	43	2.717	2.723	-0.006	87	70435	100.0	87.6	
23 Iodomethane	142	2.766	2.772	-0.006	99	162637	20.0	18.4	
24 Carbon disulfide	76	2.796	2.796	0.000	99	388525	20.0	20.1	
25 Isopropyl alcohol	45	2.857	2.857	0.000	98	25925	200.0	166.3	
26 3-Chloro-1-propene	76	2.973	2.973	0.000	88	67244	20.0	19.8	
28 Cyclopentene	67	2.985	2.985	0.000	94	286266	20.0	20.1	
27 Methyl acetate	43	2.997	2.997	0.000	99	70100	40.0	37.5	
29 Acetonitrile	40	3.052	3.052	0.000	99	30461	200.0	184.0	
30 Methylene Chloride	84	3.119	3.119	0.000	90	108640	20.0	20.1	
* 31 TBA-d9 (IS)	65	3.132	3.132	0.000	0	212642	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.211	3.217	-0.006	99	45947	200.0	167.9	

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	3.296	3.296	0.000	96	199511	20.0	19.5	
34 trans-1,2-Dichloroethene	96	3.327	3.327	0.000	92	123285	20.0	20.3	
35 Acrylonitrile	53	3.418	3.418	0.000	93	168378	200.0	170.5	
36 Hexane	57	3.509	3.510	-0.001	92	166757	20.0	20.9	
37 Isopropyl ether	45	3.766	3.766	0.000	97	244424	20.0	19.8	
38 1,1-Dichloroethane	63	3.784	3.784	0.000	99	188240	20.0	19.7	
39 Vinyl acetate	86	3.820	3.820	0.000	99	26720	40.0	36.7	
40 2-Chloro-1,3-butadiene	88	3.833	3.833	0.000	90	99900	20.0	19.5	
41 Tert-butyl ethyl ether	59	4.131	4.131	0.000	90	220952	20.0	19.7	
43 2,2-Dichloropropane	79	4.351	4.351	0.000	95	53896	20.0	19.8	
* 42 2-Butanone-d5	46	4.357	4.357	0.000	96	204939	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.393	4.394	-0.001	97	117241	20.0	19.7	
45 2-Butanone (MEK)	72	4.424	4.424	0.000	100	27970	100.0	88.4	
46 Ethyl acetate	70	4.442	4.442	0.000	97	10036	40.0	33.7	
47 Methyl acrylate	55	4.497	4.497	0.000	100	41254	20.0	18.9	
48 Propionitrile	54	4.576	4.576	0.000	98	60179	200.0	187.5	
49 Chlorobromomethane	128	4.656	4.656	0.000	84	49033	20.0	19.6	
50 Tetrahydrofuran	72	4.656	4.662	-0.006	74	11409	40.0	39.0	
51 Methacrylonitrile	67	4.692	4.692	0.000	91	210234	200.0	180.2	
52 Chloroform	83	4.735	4.735	0.000	99	176605	20.0	19.3	
53 Cyclohexane	84	4.851	4.851	0.000	89	165847	20.0	20.4	
54 1,1,1-Trichloroethane	97	4.875	4.875	0.000	98	166180	20.0	19.8	
$ 55 Dibromofluoromethane (Surr)	113	4.918	4.918	0.000	97	239628	50.0	53.0	
56 Carbon tetrachloride	117	5.015	5.015	0.000	97	152750	20.0	19.9	
57 1,1-Dichloropropene	75	5.064	5.064	0.000	97	148894	20.0	20.8	
58 Isobutyl alcohol	43	5.271	5.277	-0.006	89	94181	500.0	393.7	
59 Benzene	78	5.290	5.290	0.000	96	388044	20.0	18.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	98	185854	50.0	48.3	
61 Tert-amyl methyl ether	87	5.393	5.393	0.000	91	57289	20.0	18.8	
63 1,2-Dichloroethane	62	5.412	5.412	0.000	97	96424	20.0	18.6	
62 Isopropyl acetate	61	5.412	5.412	0.000	97	29151	20.0	18.2	
64 n-Heptane	43	5.509	5.509	0.000	89	142954	20.0	20.2	
* 65 Fluorobenzene	96	5.649	5.649	0.000	99	643736	50.0	50.0	
67 Trichloroethene	95	6.076	6.076	0.000	96	106591	20.0	20.2	
66 n-Butanol	56	6.113	6.113	0.000	88	14527	500.0	285.3	
68 Methylcyclohexane	83	6.204	6.204	0.000	95	181232	20.0	20.8	
69 Ethyl acrylate	55	6.259	6.259	0.000	98	45325	20.0	19.9	
70 1,2-Dichloropropane	63	6.417	6.418	-0.001	91	85020	20.0	20.3	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	20966	1000.0	1000.0	
72 Methyl methacrylate	100	6.552	6.552	0.000	83	27165	40.0	36.8	
73 1,4-Dioxane	88	6.576	6.576	0.000	37	10986	400.0	297.1	
74 Dibromomethane	93	6.576	6.576	0.000	94	46782	20.0	18.9	
75 n-Propyl acetate	43	6.631	6.631	0.000	98	55886	20.0	18.7	
76 Dichlorobromomethane	83	6.771	6.777	-0.006	99	112193	20.0	19.1	
77 2-Nitropropane	41	7.137	7.137	0.000	99	22610	40.0	35.6	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	94	30171	20.0	19.1	
79 Epichlorohydrin	57	7.259	7.259	0.000	99	78678	400.0	354.8	
80 cis-1,3-Dichloropropene	75	7.308	7.308	0.000	91	128503	20.0	18.8	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.472	0.000	96	180079	100.0	88.7	
$ 82 Toluene-d8 (Surr)	98	7.533	7.533	0.000	99	775350	50.0	49.6	
83 Toluene	91	7.600	7.600	0.000	93	389363	20.0	18.1	
84 trans-1,3-Dichloropropene	75	7.929	7.929	0.000	94	103039	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.960	7.960	0.000	86	64115	20.0	18.4	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	96	50509	20.0	18.0	
87 Tetrachloroethene	166	8.124	8.124	0.000	98	114184	20.0	18.7	
88 1,3-Dichloropropane	76	8.265	8.265	0.000	92	95620	20.0	18.9	
89 2-Hexanone	43	8.320	8.320	0.000	97	116656	100.0	88.8	
90 n-Butyl acetate	73	8.417	8.417	0.000	98	11621	20.0	16.9	
91 Chlorodibromomethane	129	8.441	8.442	-0.001	98	73731	20.0	17.8	
92 Ethylene Dibromide	107	8.551	8.551	0.000	99	58790	20.0	18.8	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	86	543365	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	97	233545	20.0	18.1	
95 Ethylbenzene	106	9.027	9.027	0.000	98	133537	20.0	17.7	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.045	0.000	95	79713	20.0	17.5	
97 m-Xylene & p-Xylene	106	9.130	9.130	0.000	0	161588	20.0	18.2	
98 n-Butyl acrylate	73	9.447	9.447	0.000	97	40190	20.0	17.0	
99 o-Xylene	106	9.466	9.466	0.000	95	150033	20.0	17.5	
100 Styrene	104	9.490	9.490	0.000	96	241205	20.0	17.5	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	72311	20.0	17.0	
102 Bromoform	173	9.667	9.667	0.000	97	42499	20.0	16.8	
103 Isopropylbenzene	105	9.752	9.752	0.000	95	410385	20.0	18.3	
$ 104 4-Bromofluorobenzene	174	9.917	9.917	0.000	0	231562	50.0	47.6	
105 Bromobenzene	156	10.026	10.027	-0.001	91	98559	20.0	17.6	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.000	98	57129	20.0	16.4	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	494803	20.0	17.7	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	96	16314	20.0	16.1	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.106	0.000	84	12841	20.0	16.0	
110 4-Ethyltoluene	105	10.161	10.161	0.000	90	409661	20.0	16.8	
111 2-Chlorotoluene	91	10.161	10.161	0.000	88	302840	20.0	16.4	
112 1,3,5-Trimethylbenzene	105	10.209	10.209	0.000	93	334318	20.0	17.5	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	279040	20.0	17.3	
114 Butyl Methacrylate	87	10.276	10.277	0.000	88	85589	20.0	17.3	
115 tert-Butylbenzene	119	10.447	10.447	0.000	95	300339	20.0	17.4	
116 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	326827	20.0	17.1	
117 sec-Butylbenzene	105	10.612	10.606	0.006	99	463667	20.0	17.8	
118 4-Isopropyltoluene	119	10.715	10.715	0.000	98	387009	20.0	17.2	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	189774	20.0	16.9	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	0.000	94	301080	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.801	0.000	96	188179	20.0	16.7	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	318373	20.0	16.5	
123 Benzyl chloride	126	10.904	10.904	0.000	100	24721	20.0	17.5	
124 2,3-Dihydroindene	117	10.959	10.959	0.000	94	329821	20.0	18.8	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	220804	20.0	17.2	
126 n-Butylbenzene	92	11.008	11.008	0.000	96	203802	20.0	17.2	
127 1,2-Dichlorobenzene	146	11.075	11.075	0.000	99	162789	20.0	17.4	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	98	306116	20.0	17.0	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.666	0.000	93	9863	20.0	16.4	
130 1,3,5-Trichlorobenzene	180	11.782	11.782	0.000	98	133742	20.0	17.1	
131 1,2,4-Trichlorobenzene	180	12.337	12.337	0.000	94	97665	20.0	18.1	
132 Hexachlorobutadiene	225	12.435	12.435	0.000	94	70323	20.0	17.2	
133 Naphthalene	128	12.587	12.587	0.000	99	143409	20.0	20.0	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	76156	20.0	18.8	
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 136 1,3-Dichloropropene, Total	100				0		40.0	37.0	

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	35.6	
S 138 Total BTEX	1				0		100.0	89.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 14:36:35 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99269.D

Injection Date: 18-Oct-2022 07:48:30 Instrument ID: CVOAMS4 Operator ID:

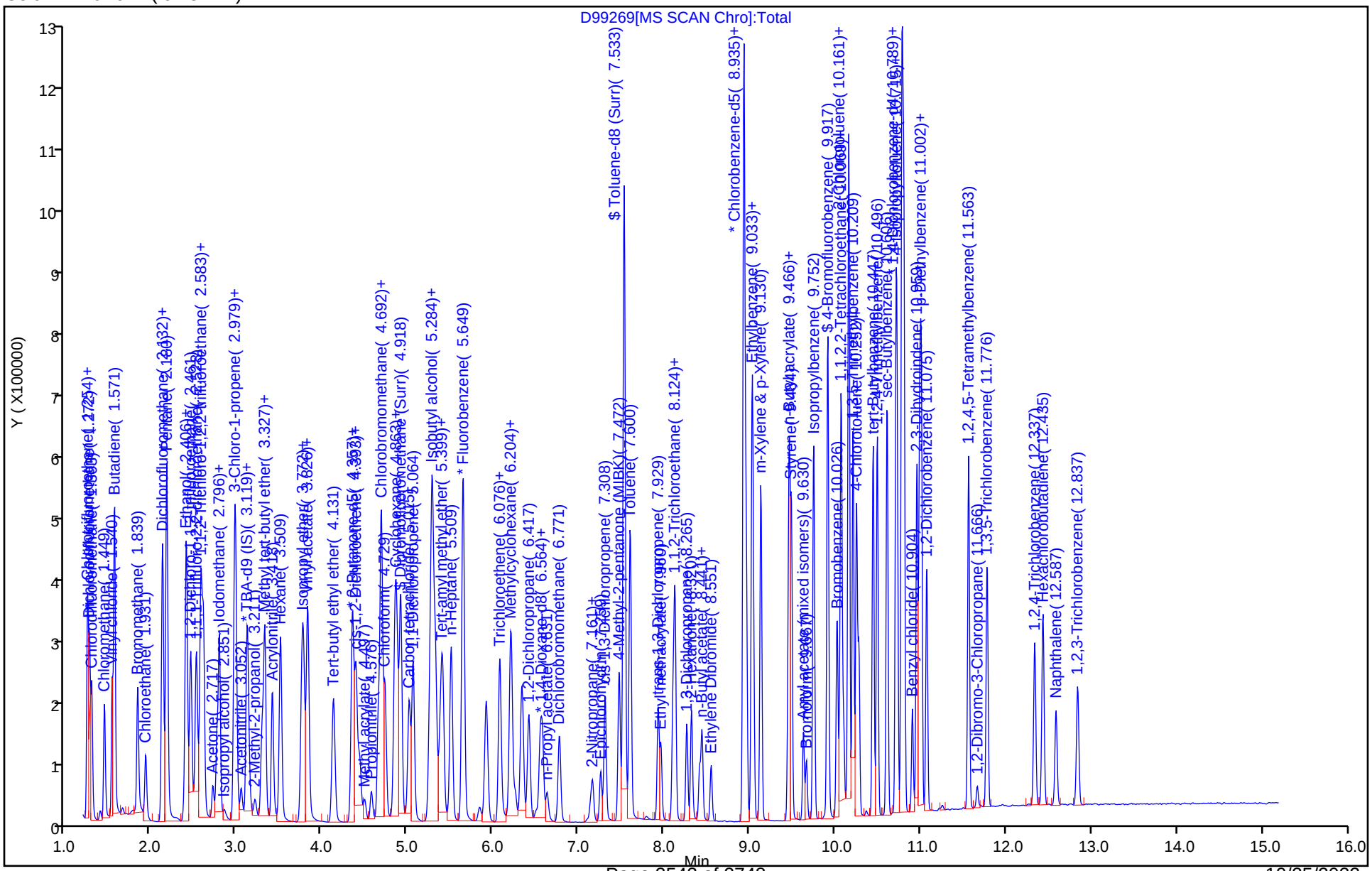
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\D99269.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 07:48:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151878-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151878.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:35:03 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 08:16:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.0	106.09
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.3	96.57
$ 82 Toluene-d8 (Surr)	50.0	49.6	99.21
$ 104 4-Bromofluorobenzene	50.0	47.6	95.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872551/4

Matrix: Solid | Lab File ID: O82880.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 09:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 872551 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.982		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	1.06		0.050	0.0099
79-00-5	1,1,2-Trichloroethane	0.910		0.050	0.010
75-34-3	1,1-Dichloroethane	0.930		0.050	0.012
75-35-4	1,1-Dichloroethene	0.972		0.050	0.013
107-06-2	1,2-Dichloroethane	0.885		0.050	0.013
78-87-5	1,2-Dichloropropane	1.04		0.050	0.0090
75-27-4	Bromodichloromethane	0.963		0.050	0.0075
56-23-5	Carbon tetrachloride	0.953		0.050	0.017
108-90-7	Chlorobenzene	0.905		0.050	0.012
75-00-3	Chloroethane	1.06		0.050	0.019
67-66-3	Chloroform	0.951		0.050	0.011
74-87-3	Chloromethane	1.07		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.915		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.904		0.050	0.011
124-48-1	Dibromochloromethane	0.886		0.050	0.011
75-09-2	Methylene Chloride	1.10		0.050	0.011
127-18-4	Tetrachloroethene	0.950		0.050	0.018
156-60-5	trans-1,2-Dichloroethene	0.904		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.972		0.050	0.011
79-01-6	Trichloroethene	0.982		0.050	0.011
75-01-4	Vinyl chloride	1.00		0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		68-150
460-00-4	Bromofluorobenzene	90		70-150
1868-53-7	Dibromofluoromethane (Surr)	93		68-150
2037-26-5	Toluene-d8 (Surr)	95		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82880.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 09:16:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0151895-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 11:48:28 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: RD6L Date: 18-Oct-2022 10:50:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	87	24014	20.0	25.2	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	79543	20.0	24.5	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	96	12021	20.0	20.0	
6 Chloromethane	50	0.959	0.958	0.001	98	58531	20.0	21.3	
7 Vinyl chloride	62	0.981	0.981	0.000	98	58058	20.0	20.1	
8 Butadiene	54	0.993	0.993	0.000	94	46983	20.0	18.5	
9 Bromomethane	94	1.141	1.141	0.000	98	48408	20.0	23.1	
10 Chloroethane	64	1.187	1.187	0.000	100	40054	20.0	21.2	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	107985	20.0	21.4	
12 Trichlorofluoromethane	101	1.313	1.312	0.001	98	88659	20.0	19.6	
13 Pentane	57	1.358	1.358	0.000	95	18983	40.0	40.3	
14 Ethanol	46	1.415	1.415	0.000	95	9010	800.0	910.6	
15 Ethyl ether	59	1.461	1.461	0.000	82	30122	20.0	17.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	92	49060	20.0	19.0	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	94	41031	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.506	-0.011	95	62123	20.0	17.7	
19 Acrolein	56	1.529	1.529	0.000	95	6055	40.0	39.1	
20 1,1-Dichloroethene	96	1.587	1.586	0.001	95	46724	20.0	19.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.586	0.001	97	49521	20.0	20.9	
22 Acetone	58	1.609	1.609	0.000	87	9439	100.0	77.6	
23 Iodomethane	142	1.666	1.666	0.000	97	106076	20.0	25.4	
24 Isopropyl alcohol	45	1.701	1.701	0.001	26	11300	200.0	166.9	
25 Carbon disulfide	76	1.701	1.701	0.001	99	173866	20.0	21.8	
27 3-Chloro-1-propene	76	1.781	1.780	0.001	92	34527	20.0	20.8	
26 Acetonitrile	38	1.781	1.780	0.001	83	14978	200.0	213.2	
28 Methyl acetate	43	1.803	1.803	0.000	95	20925	40.0	31.4	
29 Cyclopentene	67	1.838	1.838	0.000	94	97241	20.0	17.4	
30 Methylene Chloride	84	1.861	1.860	0.001	84	65914	20.0	22.1	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	111285	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	23462	200.0	176.3	
33 Acrylonitrile	53	1.998	1.997	0.001	93	101081	200.0	171.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	88	48996	20.0	18.1	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	126447	20.0	19.4	
36 Hexane	57	2.214	2.214	0.000	90	40798	20.0	22.9	
37 1,1-Dichloroethane	63	2.283	2.294	-0.011	99	84193	20.0	18.6	
38 Vinyl acetate	86	2.340	2.340	0.000	99	18590	40.0	137.1	
39 Isopropyl ether	45	2.351	2.351	0.000	81	136491	20.0	19.9	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	75	53640	20.0	21.2	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	92	146724	20.0	19.8	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	121222	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	86	19442	20.0	25.8	
45 cis-1,2-Dichloroethene	96	2.694	2.705	-0.011	97	54967	20.0	18.3	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	99	18290	100.0	104.7	
42 Propionitrile	54	2.751	2.751	0.000	94	39885	200.0	223.1	
47 Ethyl acetate	70	2.785	2.785	0.000	99	7430	40.0	44.1	
48 Methyl acrylate	55	2.808	2.808	0.000	98	30730	20.0	18.7	
50 Methacrylonitrile	67	2.865	2.865	0.000	87	119537	200.0	168.7	
49 Chlorobromomethane	128	2.877	2.876	0.001	69	32853	20.0	20.7	
51 Tetrahydrofuran	42	2.922	2.922	0.000	38	13353	40.0	37.7	
52 Chloroform	83	2.945	2.945	0.000	99	88094	20.0	19.0	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	97	120341	50.0	46.6	
54 1,1,1-Trichloroethane	97	3.094	3.093	0.001	98	85198	20.0	19.6	
55 Cyclohexane	84	3.139	3.139	0.000	84	69239	20.0	21.6	
56 Carbon tetrachloride	117	3.231	3.230	0.001	98	68613	20.0	19.1	
57 1,1-Dichloropropene	75	3.231	3.230	0.001	97	76094	20.0	21.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	117291	50.0	45.5	
61 Isobutyl alcohol	43	3.379	3.379	0.000	95	22070	500.0	486.2	
59 Benzene	78	3.402	3.402	0.000	95	231372	20.0	19.5	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	60428	20.0	17.7	
62 Isooctane	57	3.505	3.504	0.001	96	90227	20.0	23.9	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	14346	20.0	19.6	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	154501	20.0	20.7	
* 65 Fluorobenzene	96	3.653	3.664	-0.011	99	510016	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	88	32167	20.0	26.3	
67 Trichloroethene	95	4.007	4.007	0.000	96	61295	20.0	19.6	
68 n-Butanol	56	4.041	4.052	-0.011	88	13036	500.0	384.8	
69 Ethyl acrylate	55	4.190	4.189	0.001	94	86749	20.0	20.7	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	64049	20.0	23.6	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	92	53125	20.0	20.7	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	30654	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	31268	20.0	19.0	
74 1,4-Dioxane	88	4.395	4.383	0.012	92	13939	400.0	422.7	
75 Methyl methacrylate	100	4.407	4.406	0.000	79	29141	40.0	44.6	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	49627	20.0	21.8	
77 Dichlorobromomethane	83	4.521	4.520	0.001	98	66557	20.0	19.3	
78 2-Nitropropane	41	4.772	4.772	0.000	98	12963	40.0	26.2	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	91	28893	20.0	17.6	
80 Epichlorohydrin	57	4.932	4.943	-0.011	99	74621	400.0	498.7	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	85939	20.0	18.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	177301	100.0	126.1	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.001	99	559129	50.0	47.4	
84 Toluene	91	5.423	5.422	0.001	93	267954	20.0	19.7	
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	96	79450	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	5.914	5.913	0.001	86	64371	20.0	18.7	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	40452	20.0	18.2	
88 Tetrachloroethene	166	6.096	6.096	0.000	96	59757	20.0	19.0	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	85151	20.0	18.8	
90 2-Hexanone	43	6.325	6.324	0.001	92	115058	100.0	115.5	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	52832	20.0	17.7	
93 Ethylene Dibromide	107	6.541	6.541	0.000	97	54801	20.0	18.8	
92 n-Butyl acetate	43	6.564	6.564	0.000	98	54696	20.0	17.2	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	469112	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	97	178717	20.0	18.1	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	55320	20.0	17.7	
97 Ethylbenzene	106	7.466	7.466	0.000	97	90464	20.0	19.9	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	110311	20.0	19.4	
99 o-Xylene	106	8.220	8.220	0.000	94	108288	20.0	18.8	
100 Styrene	104	8.254	8.254	0.000	97	179554	20.0	19.0	
101 n-Butyl acrylate	73	8.334	8.334	0.000	97	35364	20.0	17.7	
102 Bromoform	173	8.471	8.471	0.000	95	30108	20.0	15.7	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	60313	20.0	16.9	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	228082	20.0	19.0	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	164259	50.0	45.2	
106 Bromobenzene	156	9.202	9.201	0.001	93	74009	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	95	62493	20.0	21.3	
108 1,2,3-Trichloropropane	75	9.339	9.338	0.001	96	48197	20.0	18.7	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	90	18463	20.0	17.1	
110 N-Propylbenzene	91	9.476	9.475	0.001	100	235724	20.0	21.3	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	172241	20.0	18.3	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	204905	20.0	19.2	
113 4-Chlorotoluene	91	9.738	9.738	0.000	95	147927	20.0	18.9	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	174232	20.0	19.2	
115 Butyl Methacrylate	87	10.092	10.092	0.000	90	61674	20.0	18.6	
116 tert-Butylbenzene	119	10.298	10.297	0.001	95	139419	20.0	19.6	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	181681	20.0	19.4	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	174709	20.0	19.2	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	96	115823	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	247488	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.925	-0.011	96	126406	20.0	19.1	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	154961	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	11.051	11.062	-0.011	98	196623	20.0	18.9	
124 Benzyl chloride	126	11.177	11.177	0.000	99	21855	20.0	23.4	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	213106	20.0	18.8	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	97	122672	20.0	19.8	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	81947	20.0	19.8	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	72298	20.0	22.2	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.215	0.001	91	12775	20.0	17.8	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	165659	20.0	19.9	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	61310	20.0	19.7	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	95	56750	20.0	20.1	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	94	19429	20.0	19.8	
134 Naphthalene	128	12.946	12.946	0.000	99	194007	20.0	24.2	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	95	53802	20.0	20.7	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.4	
S 138 Xylenes, Total	100				0		40.0	38.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	97.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 11:49:52 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82880.d

Injection Date: 18-Oct-2022 09:16:30 Instrument ID: CVOAMS12 Operator ID:

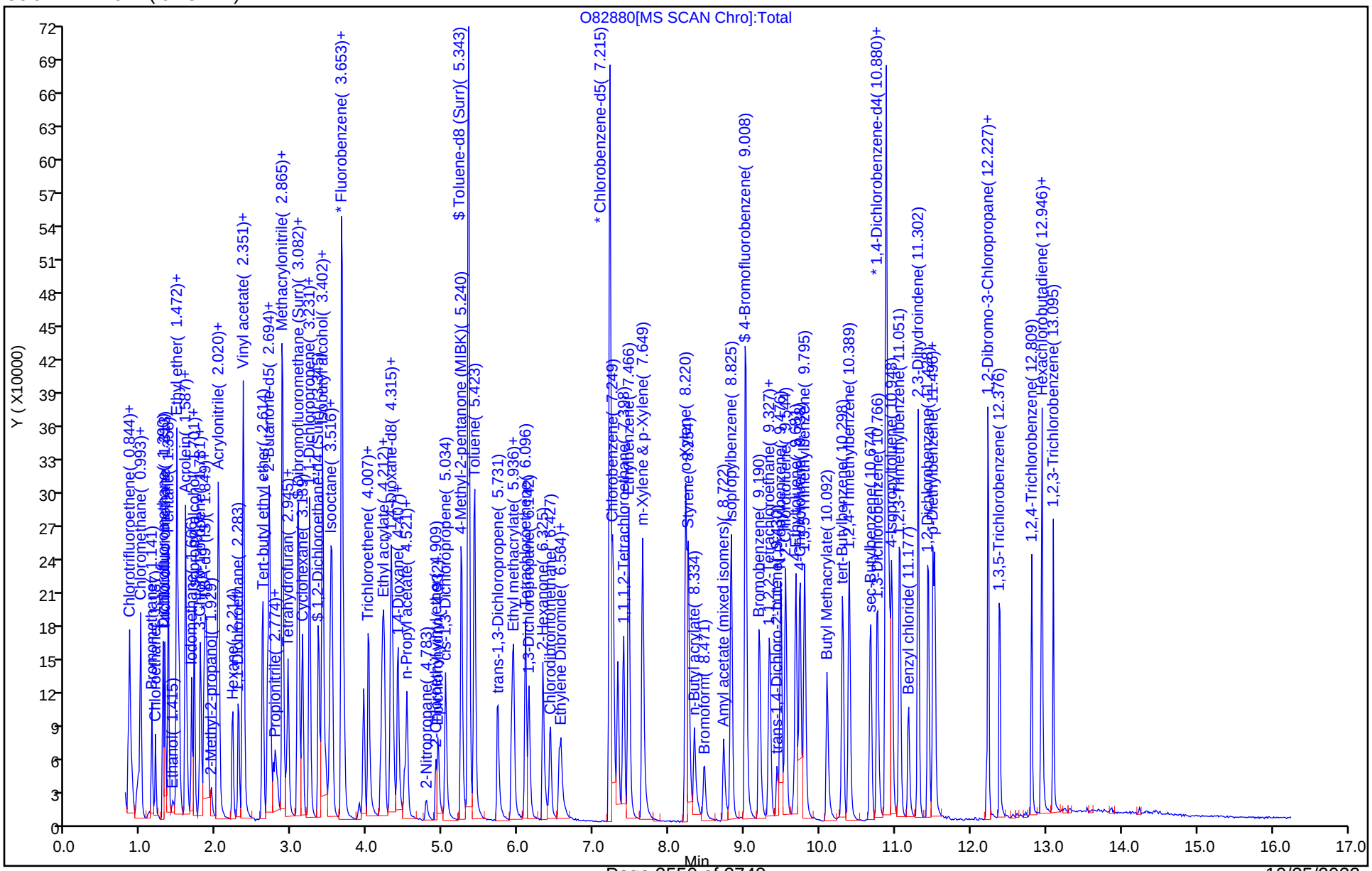
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\O82880.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 09:16:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0151895-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151895.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 11:48:28 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: RD6L Date: 18-Oct-2022 10:50:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	46.6	93.17
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.5	91.05
$ 83 Toluene-d8 (Surr)	50.0	47.4	94.81
$ 105 4-Bromofluorobenzene	50.0	45.2	90.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872654/5

Matrix: Solid | Lab File ID: D99301.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 20:01

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872654 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0205		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0166		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0177		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0205		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0218		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0194		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0207		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0193		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0207		0.0010	0.00039
108-90-7	Chlorobenzene	0.0178		0.0010	0.00018
75-00-3	Chloroethane	0.0190		0.0010	0.00052
67-66-3	Chloroform	0.0199		0.0010	0.00097
74-87-3	Chloromethane	0.0189		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0203		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0186		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0174		0.0010	0.00019
75-09-2	Methylene Chloride	0.0203		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0185		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0205		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0180		0.0010	0.00027
79-01-6	Trichloroethene	0.0208		0.0010	0.00032
75-01-4	Vinyl chloride	0.0207		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99301.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 20:01:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151912-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:06:17 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 20:29:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	86	78989	20.0	19.7	
3 1,1-Difluoroethane	65	1.254	1.260	-0.006	94	79526	20.0	20.7	
4 Dichlorodifluoromethane	85	1.272	1.278	-0.006	99	198043	20.0	19.3	
5 Chlorodifluoromethane	51	1.297	1.303	-0.006	98	187370	20.0	21.4	
6 Chloromethane	50	1.449	1.449	0.000	99	151629	20.0	18.9	
8 Vinyl chloride	62	1.541	1.540	0.001	98	177385	20.0	20.7	
7 Butadiene	54	1.565	1.571	-0.006	95	176230	20.0	20.9	
9 Bromomethane	94	1.839	1.839	0.000	99	105961	20.0	16.9	
10 Chloroethane	64	1.931	1.930	0.001	100	76615	20.0	19.0	
13 Trichlorofluoromethane	101	2.126	2.132	-0.006	97	180708	20.0	19.2	
11 Dichlorofluoromethane	67	2.132	2.132	0.000	99	193340	20.0	18.9	
12 Pentane	72	2.175	2.180	-0.005	96	48355	40.0	43.3	
15 Ethanol	46	2.382	2.382	0.000	92	10019	800.0	729.7	
14 Ethyl ether	59	2.394	2.400	-0.006	93	63639	20.0	20.4	
16 2-Methyl-1,3-butadiene	53	2.406	2.412	-0.006	98	111709	20.0	22.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.455	2.461	-0.006	86	111201	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.522	2.528	-0.006	94	171873	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.577	2.577	0.000	92	137688	20.0	22.6	
19 Acrolein	56	2.577	2.583	-0.006	97	137829	300.0	390.0	
21 1,1-Dichloroethene	96	2.607	2.613	-0.006	98	113797	20.0	21.8	
22 Acetone	43	2.717	2.723	-0.006	87	72247	100.0	85.4	
23 Iodomethane	142	2.766	2.766	0.000	99	153284	20.0	18.4	
24 Carbon disulfide	76	2.790	2.796	-0.006	99	389044	20.0	21.4	
25 Isopropyl alcohol	45	2.851	2.857	-0.006	98	27306	200.0	157.5	
26 3-Chloro-1-propene	76	2.967	2.973	-0.006	96	67475	20.0	21.1	
28 Cyclopentene	67	2.979	2.985	-0.006	94	288046	20.0	21.5	
27 Methyl acetate	43	2.991	2.997	-0.006	99	71540	40.0	40.7	
29 Acetonitrile	40	3.046	3.052	-0.006	98	30372	200.0	165.0	
30 Methylene Chloride	84	3.113	3.119	-0.006	90	103540	20.0	20.3	
* 31 TBA-d9 (IS)	65	3.132	3.131	0.001	0	236515	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.211	3.217	-0.006	98	47676	200.0	156.6	

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	3.296	3.296	0.000	96	194945	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.327	3.327	0.000	93	117140	20.0	20.5	
35 Acrylonitrile	53	3.412	3.418	-0.006	93	172549	200.0	157.1	
36 Hexane	57	3.510	3.509	0.001	92	178024	20.0	23.7	
37 Isopropyl ether	45	3.760	3.765	-0.005	97	243557	20.0	21.0	
38 1,1-Dichloroethane	63	3.778	3.784	-0.006	99	184820	20.0	20.5	
39 Vinyl acetate	86	3.814	3.820	-0.006	99	27490	40.0	40.0	
40 2-Chloro-1,3-butadiene	88	3.833	3.833	0.000	90	101660	20.0	21.0	
41 Tert-butyl ethyl ether	59	4.125	4.131	-0.006	89	216475	20.0	20.5	
43 2,2-Dichloropropane	79	4.345	4.351	-0.006	95	52108	20.0	20.3	
* 42 2-Butanone-d5	46	4.351	4.357	-0.006	95	215759	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.388	4.393	-0.005	94	113705	20.0	20.3	
45 2-Butanone (MEK)	72	4.418	4.424	-0.006	100	27652	100.0	83.0	
46 Ethyl acetate	70	4.442	4.442	0.000	98	10093	40.0	32.2	
47 Methyl acrylate	55	4.491	4.497	-0.006	99	39532	20.0	19.3	
48 Propionitrile	54	4.570	4.576	-0.006	98	58587	200.0	173.4	
49 Chlorobromomethane	128	4.656	4.656	0.000	87	47457	20.0	20.1	
50 Tetrahydrofuran	72	4.656	4.656	0.000	83	11284	40.0	36.7	
51 Methacrylonitrile	67	4.686	4.692	-0.006	93	208169	200.0	189.4	
52 Chloroform	83	4.729	4.735	-0.006	99	171608	20.0	19.9	
53 Cyclohexane	84	4.851	4.851	0.000	90	169291	20.0	22.1	
54 1,1,1-Trichloroethane	97	4.875	4.875	0.000	98	162078	20.0	20.5	
$ 55 Dibromofluoromethane (Surr)	113	4.912	4.918	-0.006	97	241811	50.0	56.8	
56 Carbon tetrachloride	117	5.015	5.015	0.000	97	149609	20.0	20.7	
57 1,1-Dichloropropene	75	5.058	5.064	-0.006	97	145147	20.0	21.5	
58 Isobutyl alcohol	43	5.272	5.277	-0.005	82	98102	500.0	368.9	
59 Benzene	78	5.284	5.290	-0.006	96	380188	20.0	18.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.320	5.320	0.000	96	192784	50.0	53.2	
61 Tert-amyl methyl ether	87	5.387	5.393	-0.006	91	55941	20.0	19.5	
63 1,2-Dichloroethane	62	5.412	5.412	0.000	96	95135	20.0	19.4	
62 Isopropyl acetate	61	5.406	5.412	-0.006	97	29715	20.0	19.7	
64 n-Heptane	43	5.503	5.509	-0.006	89	151052	20.0	22.6	
* 65 Fluorobenzene	96	5.643	5.649	-0.006	99	606435	50.0	50.0	
67 Trichloroethene	95	6.070	6.076	-0.006	97	103821	20.0	20.8	
66 n-Butanol	56	6.113	6.113	0.000	90	13905	500.0	245.5	
68 Methylcyclohexane	83	6.204	6.204	0.000	95	184969	20.0	22.5	
69 Ethyl acrylate	55	6.253	6.259	-0.006	99	45988	20.0	21.4	
70 1,2-Dichloropropane	63	6.412	6.417	-0.005	91	81621	20.0	20.7	
* 71 1,4-Dioxane-d8	96	6.503	6.503	0.000	0	24633	1000.0	1000.0	
72 Methyl methacrylate	100	6.546	6.552	-0.006	85	28181	40.0	40.5	
73 1,4-Dioxane	88	6.570	6.570	0.000	37	10566	400.0	243.2	
74 Dibromomethane	93	6.570	6.576	-0.006	94	44554	20.0	19.1	
75 n-Propyl acetate	43	6.625	6.631	-0.006	98	50642	20.0	18.0	
76 Dichlorobromomethane	83	6.771	6.771	0.000	98	106800	20.0	19.3	
77 2-Nitropropane	41	7.137	7.143	-0.006	99	22117	40.0	37.0	
78 2-Chloroethyl vinyl ether	63	7.161	7.161	0.000	93	30278	20.0	20.3	
79 Epichlorohydrin	57	7.253	7.259	-0.006	99	79521	400.0	340.6	
80 cis-1,3-Dichloropropene	75	7.308	7.307	0.001	91	124756	20.0	18.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.472	7.472	0.000	96	182084	100.0	85.2	
$ 82 Toluene-d8 (Surr)	98	7.527	7.533	-0.006	99	789827	50.0	51.5	
83 Toluene	91	7.600	7.600	0.000	92	382720	20.0	18.2	
84 trans-1,3-Dichloropropene	75	7.930	7.929	0.001	94	100137	20.0	18.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.960	7.960	0.000	87	63930	20.0	19.5	
86 1,1,2-Trichloroethane	83	8.100	8.100	0.000	95	48752	20.0	17.7	
87 Tetrachloroethene	166	8.125	8.124	0.001	98	111062	20.0	18.5	
88 1,3-Dichloropropane	76	8.265	8.265	0.000	92	90657	20.0	18.3	
89 2-Hexanone	43	8.320	8.319	0.001	98	115293	100.0	83.4	
90 n-Butyl acetate	73	8.411	8.417	-0.006	98	11618	20.0	17.2	
91 Chlorodibromomethane	129	8.442	8.441	0.001	98	70868	20.0	17.4	
92 Ethylene Dibromide	107	8.545	8.551	-0.006	98	56197	20.0	18.3	
* 93 Chlorobenzene-d5	117	8.935	8.935	0.000	85	532922	50.0	50.0	
94 Chlorobenzene	112	8.960	8.960	0.000	97	225096	20.0	17.8	
95 Ethylbenzene	106	9.027	9.027	0.000	98	129990	20.0	17.6	
96 1,1,1,2-Tetrachloroethane	131	9.039	9.045	-0.006	97	73919	20.0	16.5	
97 m-Xylene & p-Xylene	106	9.131	9.130	0.000	0	155157	20.0	17.8	
98 n-Butyl acrylate	73	9.448	9.447	0.001	98	38547	20.0	16.7	
99 o-Xylene	106	9.466	9.466	0.000	94	146318	20.0	17.4	
100 Styrene	104	9.484	9.490	-0.006	96	235967	20.0	17.5	
101 Amyl acetate (mixed isomers)	43	9.630	9.630	0.000	91	71064	20.0	16.7	
102 Bromoform	173	9.661	9.667	-0.006	97	40923	20.0	16.5	
103 Isopropylbenzene	105	9.746	9.752	-0.006	95	400757	20.0	18.2	
$ 104 4-Bromofluorobenzene	174	9.911	9.917	-0.006	0	235973	50.0	48.5	
105 Bromobenzene	156	10.021	10.026	-0.005	92	93253	20.0	16.7	
106 1,1,2,2-Tetrachloroethane	83	10.051	10.057	-0.006	98	57680	20.0	16.6	
107 N-Propylbenzene	91	10.069	10.069	0.000	99	484658	20.0	17.4	
108 1,2,3-Trichloropropane	110	10.094	10.094	0.000	96	16173	20.0	16.0	
109 trans-1,4-Dichloro-2-butene	53	10.100	10.106	-0.006	86	12370	20.0	15.4	
110 4-Ethyltoluene	105	10.155	10.161	-0.006	92	402205	20.0	16.5	
111 2-Chlorotoluene	91	10.161	10.161	0.000	88	297691	20.0	16.1	
112 1,3,5-Trimethylbenzene	105	10.210	10.209	0.001	95	319389	20.0	16.7	
113 4-Chlorotoluene	91	10.246	10.252	-0.006	97	270672	20.0	16.7	
114 Butyl Methacrylate	87	10.277	10.276	0.001	88	81746	20.0	16.5	
115 tert-Butylbenzene	119	10.441	10.447	-0.006	95	292774	20.0	17.0	
116 1,2,4-Trimethylbenzene	105	10.490	10.496	-0.006	98	322214	20.0	16.9	
117 sec-Butylbenzene	105	10.606	10.606	0.000	99	456759	20.0	17.5	
118 4-Isopropyltoluene	119	10.709	10.715	-0.006	98	375773	20.0	16.7	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	98	180905	20.0	16.1	
* 120 1,4-Dichlorobenzene-d4	152	10.783	10.782	0.001	93	301044	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.795	10.801	-0.006	96	181324	20.0	16.1	
122 1,2,3-Trimethylbenzene	105	10.807	10.807	0.000	98	307350	20.0	16.0	
123 Benzyl chloride	126	10.905	10.904	0.001	99	24484	20.0	17.4	
124 2,3-Dihydroindene	117	10.953	10.959	-0.006	94	318544	20.0	19.3	
125 p-Diethylbenzene	119	10.990	10.990	0.000	94	214316	20.0	16.7	
126 n-Butylbenzene	92	11.008	11.008	0.000	97	204197	20.0	17.2	
127 1,2-Dichlorobenzene	146	11.069	11.075	-0.006	97	158173	20.0	16.9	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.563	0.000	97	304257	20.0	16.9	
129 1,2-Dibromo-3-Chloropropane	157	11.661	11.666	-0.006	93	9667	20.0	16.1	
130 1,3,5-Trichlorobenzene	180	11.776	11.776	0.000	98	130674	20.0	16.7	
131 1,2,4-Trichlorobenzene	180	12.331	12.337	-0.006	94	96132	20.0	17.8	
132 Hexachlorobutadiene	225	12.429	12.435	-0.006	94	71750	20.0	17.6	
133 Naphthalene	128	12.581	12.587	-0.006	99	146647	20.0	20.4	
134 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	73683	20.0	18.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.6	

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	35.1	
S 138 Total BTEX	1				0		100.0	89.4	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent

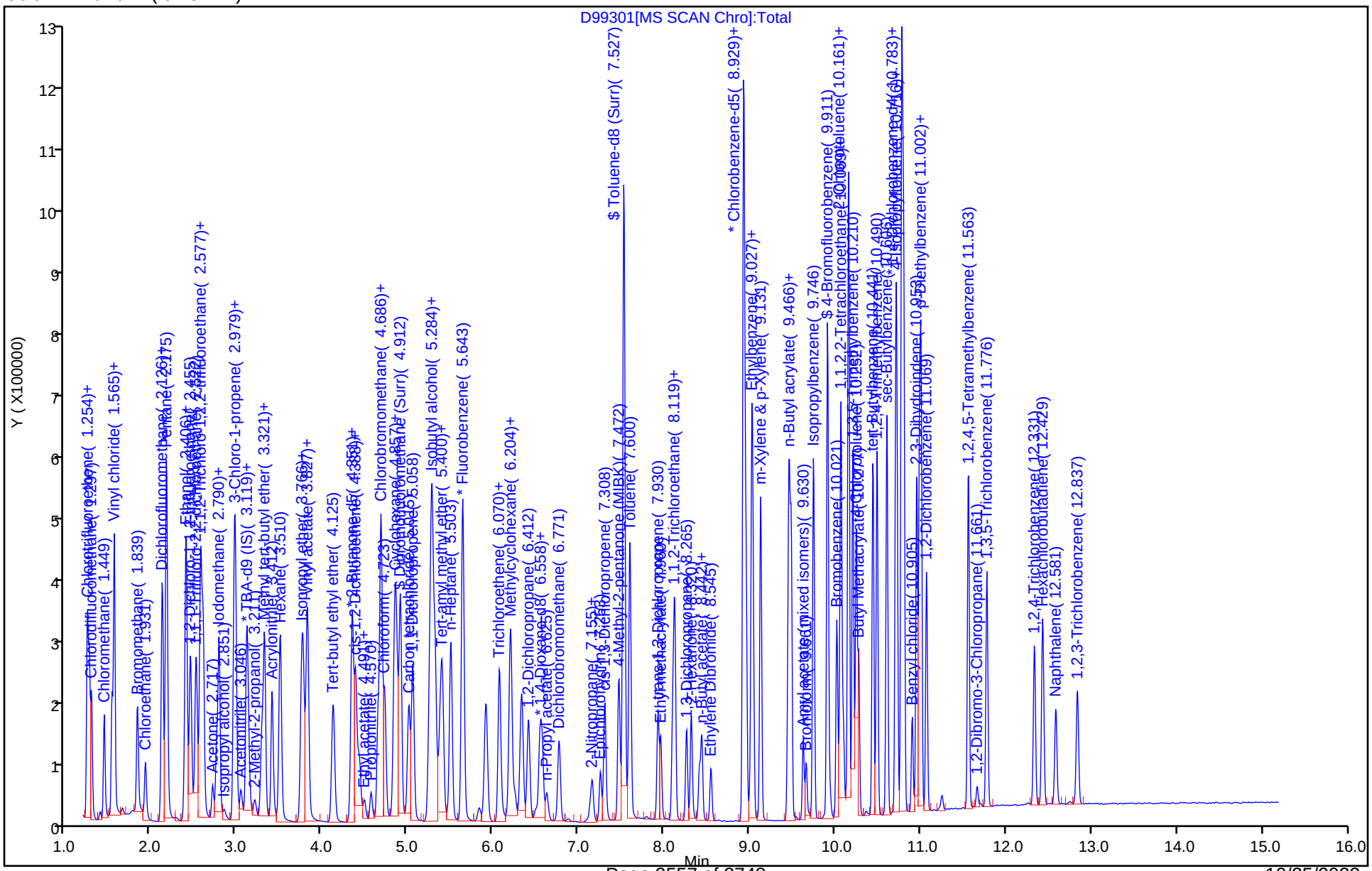
Report Date: 19-Oct-2022 13:06:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99301.D

Injection Date:	18-Oct-2022 20:01:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\D99301.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 20:01:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151912-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221018-151912.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:06:17 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 18-Oct-2022 20:29:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	56.8	113.64
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.34
$ 82 Toluene-d8 (Surr)	50.0	51.5	103.04
$ 104 4-Bromofluorobenzene	50.0	48.5	97.03

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872711/5

Matrix: Solid | Lab File ID: O82912.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/18/2022 22:27

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 872711 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.931		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	1.13		0.050	0.0099
79-00-5	1,1,2-Trichloroethane	0.917		0.050	0.010
75-34-3	1,1-Dichloroethane	0.908		0.050	0.012
75-35-4	1,1-Dichloroethene	0.769		0.050	0.013
107-06-2	1,2-Dichloroethane	0.874		0.050	0.013
78-87-5	1,2-Dichloropropane	0.963		0.050	0.0090
75-27-4	Bromodichloromethane	0.831		0.050	0.0075
56-23-5	Carbon tetrachloride	0.824		0.050	0.017
108-90-7	Chlorobenzene	0.919		0.050	0.012
75-00-3	Chloroethane	0.938		0.050	0.019
67-66-3	Chloroform	0.875		0.050	0.011
74-87-3	Chloromethane	0.973		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.863		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.865		0.050	0.011
124-48-1	Dibromochloromethane	0.849		0.050	0.011
75-09-2	Methylene Chloride	1.08		0.050	0.011
127-18-4	Tetrachloroethene	0.936		0.050	0.018
156-60-5	trans-1,2-Dichloroethene	0.864		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.962		0.050	0.011
79-01-6	Trichloroethene	0.928		0.050	0.011
75-01-4	Vinyl chloride	0.846		0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		68-150
460-00-4	Bromofluorobenzene	88		70-150
1868-53-7	Dibromofluoromethane (Surr)	86		68-150
2037-26-5	Toluene-d8 (Surr)	91		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82912.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 22:27:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LL CCV
Misc. Info.: 460-0151922-005
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 02:15:40 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: HVW2 Date: 19-Oct-2022 02:18:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	88	24257	20.0	21.9	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	76381	20.0	20.3	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	12243	20.0	17.7	
6 Chloromethane	50	0.947	0.959	-0.012	98	61748	20.0	19.5	
7 Vinyl chloride	62	0.981	0.981	0.000	97	56476	20.0	16.9	
8 Butadiene	54	0.993	0.993	0.000	94	41781	20.0	14.3	
9 Bromomethane	94	1.141	1.141	0.000	98	47297	20.0	19.6	
10 Chloroethane	64	1.187	1.187	0.000	99	40890	20.0	18.8	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	108924	20.0	18.8	
12 Trichlorofluoromethane	101	1.312	1.313	0.000	98	79937	20.0	15.3	
13 Pentane	57	1.358	1.358	0.000	95	17824	40.0	32.8	
14 Ethanol	46	1.415	1.415	0.000	94	9889	800.0	940.1	
15 Ethyl ether	59	1.461	1.461	0.000	91	33660	20.0	17.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	90	45216	20.0	15.2	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	42636	20.0	17.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	62321	20.0	15.4	
19 Acrolein	56	1.529	1.529	0.000	95	5145	40.0	31.2	
20 1,1-Dichloroethene	96	1.586	1.587	0.000	95	42628	20.0	15.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.587	0.000	97	45812	20.0	16.8	
22 Acetone	58	1.609	1.609	0.000	87	11144	100.0	78.8	
23 Iodomethane	142	1.666	1.666	0.000	97	125249	20.0	26.0	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	12917	200.0	179.4	
25 Carbon disulfide	76	1.701	1.701	0.000	99	199082	20.0	21.7	
27 3-Chloro-1-propene	76	1.780	1.781	-0.001	92	34823	20.0	18.1	
26 Acetonitrile	38	1.780	1.781	-0.001	80	15839	200.0	212.0	
28 Methyl acetate	43	1.803	1.803	0.000	97	21057	40.0	29.7	
29 Cyclopentene	67	1.838	1.838	0.000	94	96542	20.0	15.0	
30 Methylene Chloride	84	1.860	1.861	0.000	86	74140	20.0	21.5	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	118312	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	98	24281	200.0	171.6	
33 Acrylonitrile	53	1.997	1.998	-0.001	95	125670	200.0	185.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	90	54016	20.0	17.3	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	144844	20.0	19.2	
36 Hexane	57	2.214	2.214	0.000	89	43779	20.0	21.3	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	100	94891	20.0	18.2	
38 Vinyl acetate	86	2.340	2.340	0.000	99	20321	40.0	129.0	
39 Isopropyl ether	45	2.351	2.351	0.000	82	156506	20.0	19.7	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	89	57395	20.0	19.6	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	181773	20.0	21.3	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	140858	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	86	21859	20.0	25.2	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	96	59838	20.0	17.3	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	98	19391	100.0	95.5	
42 Propionitrile	54	2.751	2.751	0.000	95	44761	200.0	235.5	
47 Ethyl acetate	70	2.785	2.774	0.011	99	8256	40.0	42.2	
48 Methyl acrylate	55	2.808	2.808	0.000	99	32144	20.0	17.0	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	123638	200.0	151.2	
49 Chlorobromomethane	128	2.876	2.877	-0.001	70	32819	20.0	17.9	
51 Tetrahydrofuran	42	2.922	2.922	0.000	74	11640	40.0	28.3	
52 Chloroform	83	2.945	2.945	0.000	99	93482	20.0	17.5	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	128040	50.0	43.0	
54 1,1,1-Trichloroethane	97	3.093	3.094	-0.001	97	93144	20.0	18.6	
55 Cyclohexane	84	3.139	3.139	0.000	84	67723	20.0	18.4	
56 Carbon tetrachloride	117	3.230	3.231	-0.001	98	68386	20.0	16.5	
57 1,1-Dichloropropene	75	3.230	3.231	-0.001	98	84635	20.0	21.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	126556	50.0	42.6	
61 Isobutyl alcohol	43	3.379	3.379	0.000	95	27384	500.0	567.5	
59 Benzene	78	3.402	3.402	0.000	95	274801	20.0	21.6	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	68788	20.0	17.5	
62 Isooctane	57	3.504	3.505	-0.001	96	105035	20.0	24.1	
63 Isopropyl acetate	61	3.516	3.516	0.000	97	18587	20.0	22.0	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	179767	20.0	20.9	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	588309	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	88	37384	20.0	26.5	
67 Trichloroethene	95	4.007	4.007	0.000	96	66822	20.0	18.6	
68 n-Butanol	56	4.052	4.041	0.011	92	15004	500.0	416.6	
69 Ethyl acrylate	55	4.189	4.190	-0.001	99	94209	20.0	19.5	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	64901	20.0	20.7	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	57029	20.0	19.3	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	32545	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	30485	20.0	16.0	
74 1,4-Dioxane	88	4.395	4.395	0.000	85	13407	400.0	382.9	
75 Methyl methacrylate	100	4.406	4.406	0.000	80	28049	40.0	37.2	
76 n-Propyl acetate	43	4.486	4.486	0.000	96	44596	20.0	17.0	
77 Dichlorobromomethane	83	4.521	4.521	-0.001	98	66203	20.0	16.6	
78 2-Nitropropane	41	4.772	4.772	0.000	98	11941	40.0	21.0	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	92	29944	20.0	15.8	
80 Epichlorohydrin	57	4.943	4.943	0.000	99	71509	400.0	411.2	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	90	88123	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	172841	100.0	105.8	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	574788	50.0	45.4	
84 Toluene	91	5.422	5.423	-0.001	93	279660	20.0	19.2	
85 trans-1,3-Dichloropropene	75	5.731	5.719	0.012	96	84349	20.0	19.2	

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	5.913	5.914	-0.001	87	71887	20.0	19.5	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	43709	20.0	18.3	
88 Tetrachloroethene	166	6.096	6.096	0.000	96	63139	20.0	18.7	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	90432	20.0	18.6	
90 2-Hexanone	43	6.324	6.325	-0.001	93	117830	100.0	101.7	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	54290	20.0	17.0	
93 Ethylene Dibromide	107	6.541	6.541	0.000	98	59137	20.0	19.0	
92 n-Butyl acetate	43	6.564	6.564	0.000	99	63774	20.0	18.7	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	503078	50.0	50.0	
95 Chlorobenzene	112	7.261	7.249	0.012	97	194739	20.0	18.4	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	58501	20.0	17.4	
97 Ethylbenzene	106	7.466	7.466	0.000	98	94163	20.0	19.3	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	120146	20.0	19.7	
99 o-Xylene	106	8.220	8.220	0.000	94	119982	20.0	19.5	
100 Styrene	104	8.254	8.254	0.000	97	194280	20.0	19.2	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	34460	20.0	16.1	
102 Bromoform	173	8.471	8.459	0.012	95	30966	20.0	15.0	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	94	62783	20.0	17.1	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	242445	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	90	171156	50.0	43.9	
106 Bromobenzene	156	9.201	9.190	0.011	94	79730	20.0	20.9	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	67837	20.0	22.5	
108 1,2,3-Trichloropropane	75	9.338	9.339	-0.001	97	50382	20.0	19.0	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	93	23504	20.0	21.2	
110 N-Propylbenzene	91	9.487	9.476	0.011	100	259170	20.0	22.8	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	186624	20.0	19.3	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	205812	20.0	18.8	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	154478	20.0	19.2	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	179108	20.0	19.2	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	60947	20.0	17.9	
116 tert-Butylbenzene	119	10.297	10.298	-0.001	95	134589	20.0	18.4	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	186603	20.0	19.4	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	176056	20.0	18.8	
119 1,3-Dichlorobenzene	146	10.754	10.766	-0.012	97	124779	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	254211	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	129192	20.0	19.0	
122 4-Isopropyltoluene	119	10.960	10.948	0.012	97	154591	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	97	207234	20.0	19.4	
124 Benzyl chloride	126	11.177	11.177	0.000	99	21840	20.0	22.7	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	219227	20.0	18.8	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	97	126002	20.0	19.8	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	86178	20.0	20.2	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	73429	20.0	21.9	
129 1,2-Dibromo-3-Chloropropane	157	12.215	12.216	-0.001	97	12853	20.0	17.4	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	188092	20.0	22.0	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	68217	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	61360	20.0	21.1	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	20760	20.0	20.5	
134 Naphthalene	128	12.946	12.946	0.000	99	201551	20.0	24.5	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	95	54812	20.0	20.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	34.6	
S 138 Xylenes, Total	100				0		40.0	39.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	99.2	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Oct-2022 02:18:02 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82912.d

Injection Date: 18-Oct-2022 22:27:30 Instrument ID: CVOAMS12 Operator ID:

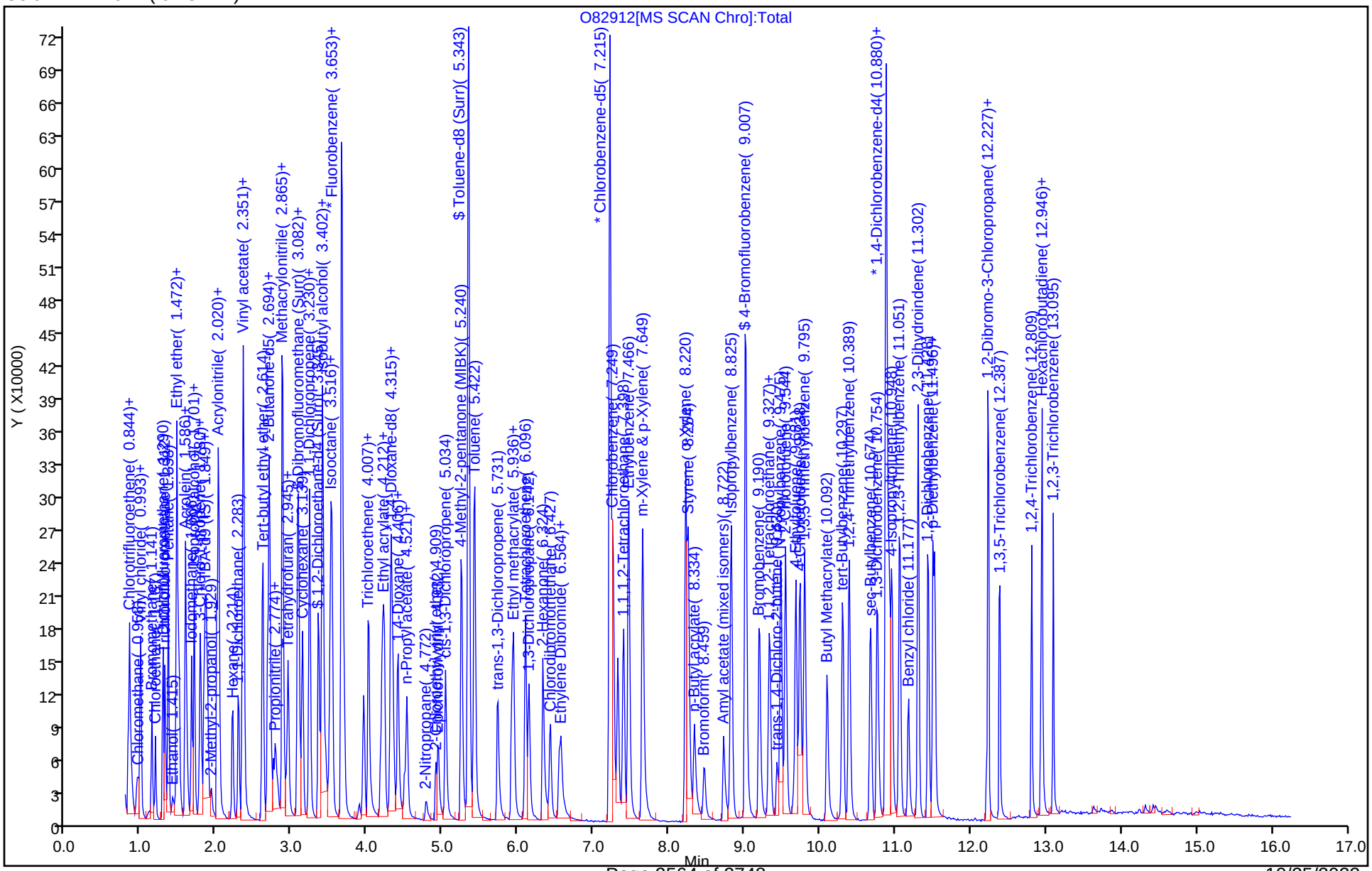
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\O82912.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Oct-2022 22:27:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LL CCV
Misc. Info.: 460-0151922-005
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221018-151922.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 02:15:40 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: HVW2 Date: 19-Oct-2022 02:18:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.0	85.94
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	42.6	85.17
$ 83 Toluene-d8 (Surr)	50.0	45.4	90.89
$ 105 4-Bromofluorobenzene	50.0	43.9	87.89

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-872987/4

Matrix: Solid | Lab File ID: D99374.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2022 06:12

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0168		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0197		0.0010	0.00021
79-00-5	1,1,2-Trichloroethane	0.0200		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0185		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0171		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0175		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0192		0.0010	0.00042
75-27-4	Bromodichloromethane	0.0172		0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0170		0.0010	0.00039
108-90-7	Chlorobenzene	0.0199		0.0010	0.00018
75-00-3	Chloroethane	0.0195		0.0010	0.00052
67-66-3	Chloroform	0.0169		0.0010	0.00097
74-87-3	Chloromethane	0.0211		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0167		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0219		0.0010	0.00027
124-48-1	Dibromochloromethane	0.0190		0.0010	0.00019
75-09-2	Methylene Chloride	0.0175		0.0020	0.0011
127-18-4	Tetrachloroethene	0.0189		0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0169		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0207		0.0010	0.00027
79-01-6	Trichloroethene	0.0176		0.0010	0.00032
75-01-4	Vinyl chloride	0.0196		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	Bromofluorobenzene	109		75-139
1868-53-7	Dibromofluoromethane (Surr)	95		73-139
2037-26-5	Toluene-d8 (Surr)	115		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99374.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Oct-2022 06:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151989-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:39:46 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: N1JZ Date: 20-Oct-2022 06:30:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.242	1.242	0.000	91	72026	20.0	16.4	
3 1,1-Difluoroethane	65	1.254	1.254	0.000	97	77084	20.0	18.3	
4 Dichlorodifluoromethane	85	1.272	1.272	0.000	99	216235	20.0	19.3	M
5 Chlorodifluoromethane	51	1.297	1.290	0.007	97	195385	20.0	20.4	
6 Chloromethane	50	1.443	1.443	0.000	99	184947	20.0	21.1	
8 Vinyl chloride	62	1.534	1.534	0.000	100	184217	20.0	19.6	
7 Butadiene	54	1.559	1.559	0.000	97	192217	20.0	20.8	
9 Bromomethane	94	1.827	1.827	0.000	99	104910	20.0	15.2	
10 Chloroethane	64	1.925	1.918	0.007	100	86257	20.0	19.5	
13 Trichlorofluoromethane	101	2.120	2.113	0.007	98	191573	20.0	18.5	
11 Dichlorofluoromethane	67	2.120	2.120	0.000	99	216664	20.0	19.3	
12 Pentane	72	2.168	2.168	0.000	96	43092	40.0	35.2	
15 Ethanol	46	2.370	2.370	0.000	93	10692	800.0	1026.1	
14 Ethyl ether	59	2.388	2.388	0.000	95	62870	20.0	18.4	
16 2-Methyl-1,3-butadiene	53	2.400	2.394	0.006	98	107333	20.0	19.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.449	2.449	0.000	87	92532	20.0	16.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.516	2.510	0.006	95	161019	20.0	18.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.565	2.565	0.000	97	117015	20.0	17.5	
19 Acrolein	56	2.571	2.565	0.006	98	95466	300.0	246.4	
21 1,1-Dichloroethene	96	2.595	2.595	0.000	97	97483	20.0	17.1	
22 Acetone	43	2.705	2.705	0.000	86	69299	100.0	87.4	
23 Iodomethane	142	2.754	2.754	0.000	99	134479	20.0	14.7	
24 Carbon disulfide	76	2.784	2.778	0.006	99	360358	20.0	18.0	
25 Isopropyl alcohol	45	2.845	2.845	0.000	98	26660	200.0	203.0	
26 3-Chloro-1-propene	76	2.955	2.955	0.000	91	61273	20.0	17.5	
28 Cyclopentene	67	2.973	2.967	0.006	94	267629	20.0	18.2	
27 Methyl acetate	43	2.985	2.979	0.006	99	72560	40.0	37.6	
29 Acetonitrile	40	3.034	3.034	0.000	98	32937	200.0	236.1	
30 Methylene Chloride	84	3.101	3.101	0.000	94	97682	20.0	17.5	
* 31 TBA-d9 (IS)	65	3.120	3.119	0.001	0	179202	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.199	3.199	0.000	99	43548	200.0	188.8	

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	3.284	3.284	0.000	97	185013	20.0	17.5	
34 trans-1,2-Dichloroethene	96	3.315	3.314	0.001	95	105902	20.0	16.9	
35 Acrylonitrile	53	3.400	3.400	0.000	93	169019	200.0	203.1	
36 Hexane	57	3.497	3.491	0.006	93	168041	20.0	20.4	
37 Isopropyl ether	45	3.747	3.747	0.000	98	255960	20.0	20.1	
38 1,1-Dichloroethane	63	3.766	3.766	0.000	99	182391	20.0	18.5	
39 Vinyl acetate	86	3.802	3.802	0.000	100	24566	40.0	32.6	
40 2-Chloro-1,3-butadiene	88	3.821	3.814	0.007	92	88211	20.0	16.7	
41 Tert-butyl ethyl ether	59	4.113	4.113	0.000	89	217243	20.0	18.7	
43 2,2-Dichloropropane	79	4.333	4.333	0.000	96	49702	20.0	17.7	
* 42 2-Butanone-d5	46	4.339	4.339	0.000	96	202180	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.375	4.375	0.000	99	102324	20.0	16.7	
45 2-Butanone (MEK)	72	4.406	4.406	0.000	100	26075	100.0	83.5	
46 Ethyl acetate	70	4.424	4.430	-0.006	97	9492	40.0	32.3	
47 Methyl acrylate	55	4.479	4.479	0.000	100	39505	20.0	17.6	
48 Propionitrile	54	4.558	4.558	0.000	98	56979	200.0	179.9	
49 Chlorobromomethane	128	4.638	4.637	0.001	90	42684	20.0	16.5	
50 Tetrahydrofuran	72	4.644	4.637	0.007	95	10423	40.0	36.1	
51 Methacrylonitrile	67	4.674	4.674	0.000	93	195392	200.0	162.1	
52 Chloroform	83	4.717	4.717	0.000	99	159807	20.0	16.9	
53 Cyclohexane	84	4.833	4.832	0.001	93	150585	20.0	18.0	
54 1,1,1-Trichloroethane	97	4.857	4.857	0.000	99	145990	20.0	16.8	
$ 55 Dibromofluoromethane (Surr)	113	4.900	4.900	0.000	97	220777	50.0	47.3	
56 Carbon tetrachloride	117	4.997	4.997	0.000	97	134517	20.0	17.0	
57 1,1-Dichloropropene	75	5.046	5.046	0.000	97	138567	20.0	18.7	
58 Isobutyl alcohol	43	5.259	5.253	0.006	86	99455	500.0	492.7	
59 Benzene	78	5.272	5.271	0.001	97	359479	20.0	20.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.302	5.302	0.000	98	191473	50.0	48.2	
61 Tert-amyl methyl ether	87	5.375	5.375	0.000	92	52716	20.0	16.8	
62 Isopropyl acetate	61	5.393	5.393	0.000	97	30254	20.0	18.3	
63 1,2-Dichloroethane	62	5.393	5.393	0.000	97	93649	20.0	17.5	
64 n-Heptane	43	5.491	5.485	0.006	92	156517	20.0	21.4	
* 65 Fluorobenzene	96	5.625	5.625	0.000	98	664985	50.0	50.0	
67 Trichloroethene	95	6.058	6.058	0.000	98	96044	20.0	17.6	
66 n-Butanol	56	6.095	6.094	0.001	90	12440	500.0	289.9	
68 Methylcyclohexane	83	6.186	6.186	0.000	96	166986	20.0	18.5	
69 Ethyl acrylate	55	6.241	6.235	0.006	99	41687	20.0	17.8	
70 1,2-Dichloropropane	63	6.399	6.393	0.006	90	83086	20.0	19.2	
* 71 1,4-Dioxane-d8	96	6.485	6.485	0.000	0	18416	1000.0	1000.0	
72 Methyl methacrylate	100	6.533	6.533	0.000	89	23983	40.0	31.4	
73 1,4-Dioxane	88	6.552	6.552	0.000	38	9968	400.0	306.9	
74 Dibromomethane	93	6.558	6.552	0.006	96	42529	20.0	16.6	
75 n-Propyl acetate	43	6.613	6.613	0.000	99	55296	20.0	17.9	
76 Dichlorobromomethane	83	6.753	6.753	0.000	99	104256	20.0	17.2	
77 2-Nitropropane	41	7.125	7.125	0.000	98	22501	40.0	34.3	
78 2-Chloroethyl vinyl ether	63	7.149	7.143	0.006	97	29650	20.0	18.2	
79 Epichlorohydrin	57	7.241	7.241	0.001	99	78478	400.0	358.8	
80 cis-1,3-Dichloropropene	75	7.289	7.289	0.000	92	124748	20.0	21.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.460	7.454	0.006	97	189237	100.0	94.5	
$ 82 Toluene-d8 (Surr)	98	7.515	7.515	0.000	99	745366	50.0	57.3	
83 Toluene	91	7.588	7.588	0.000	93	359268	20.0	20.1	
84 trans-1,3-Dichloropropene	75	7.917	7.917	0.000	95	97623	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
85 Ethyl methacrylate	69	7.948	7.948	0.000	89	62326	20.0	17.3	
86 1,1,2-Trichloroethane	83	8.088	8.088	0.000	95	46748	20.0	20.0	
87 Tetrachloroethene	166	8.112	8.112	0.000	98	95911	20.0	18.9	
88 1,3-Dichloropropane	76	8.253	8.253	0.001	93	89732	20.0	21.3	
89 2-Hexanone	43	8.308	8.307	0.001	96	119998	100.0	92.6	
90 n-Butyl acetate	73	8.399	8.399	0.000	98	11327	20.0	19.8	
91 Chlorodibromomethane	129	8.429	8.429	0.000	97	65723	20.0	19.0	
92 Ethylene Dibromide	107	8.533	8.533	0.000	99	52454	20.0	20.1	
* 93 Chlorobenzene-d5	117	8.923	8.923	0.000	87	452398	50.0	50.0	
94 Chlorobenzene	112	8.948	8.947	0.001	95	213053	20.0	19.9	
95 Ethylbenzene	106	9.015	9.015	0.000	98	119906	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	9.033	9.033	0.000	96	71394	20.0	18.8	
97 m-Xylene & p-Xylene	106	9.118	9.118	0.000	0	146455	20.0	19.8	
98 n-Butyl acrylate	73	9.441	9.435	0.006	96	36386	20.0	18.5	
99 o-Xylene	106	9.454	9.453	0.001	94	136397	20.0	19.1	
100 Styrene	104	9.478	9.478	0.000	95	219185	20.0	19.1	
101 Amyl acetate (mixed isomers)	43	9.618	9.618	0.000	90	76224	20.0	22.8	
102 Bromoform	173	9.655	9.655	0.000	96	36908	20.0	17.6	
103 Isopropylbenzene	105	9.740	9.740	0.000	96	375300	20.0	20.1	
$ 104 4-Bromofluorobenzene	174	9.905	9.905	0.000	0	208705	50.0	54.6	
105 Bromobenzene	156	10.015	10.014	0.000	95	83750	20.0	19.0	
106 1,1,2,2-Tetrachloroethane	83	10.045	10.045	0.000	98	53980	20.0	19.7	
107 N-Propylbenzene	91	10.057	10.063	-0.006	99	460811	20.0	21.0	
108 1,2,3-Trichloropropane	110	10.082	10.081	0.001	94	14856	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	10.094	10.094	0.000	85	12619	20.0	20.0	
110 4-Ethyltoluene	105	10.149	10.148	0.001	90	372209	20.0	19.4	
111 2-Chlorotoluene	91	10.149	10.148	0.001	88	283280	20.0	19.5	
112 1,3,5-Trimethylbenzene	105	10.197	10.197	0.000	92	305616	20.0	20.3	
113 4-Chlorotoluene	91	10.240	10.240	0.000	98	261947	20.0	20.6	
114 Butyl Methacrylate	87	10.271	10.270	0.001	91	77869	20.0	20.0	
115 tert-Butylbenzene	119	10.435	10.435	0.000	94	273063	20.0	20.1	
116 1,2,4-Trimethylbenzene	105	10.484	10.484	0.000	98	300850	20.0	20.1	
117 sec-Butylbenzene	105	10.600	10.600	0.000	99	425392	20.0	20.8	
118 4-Isopropyltoluene	119	10.703	10.703	0.000	97	347512	20.0	19.6	
119 1,3-Dichlorobenzene	146	10.716	10.715	0.001	98	163827	20.0	18.6	
* 120 1,4-Dichlorobenzene-d4	152	10.770	10.770	0.000	95	236773	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.789	10.789	0.000	95	164262	20.0	18.6	
122 1,2,3-Trimethylbenzene	105	10.795	10.795	0.000	98	294104	20.0	19.4	
123 Benzyl chloride	126	10.892	10.892	0.000	99	20971	20.0	18.9	
124 2,3-Dihydroindene	117	10.947	10.947	0.000	94	297547	20.0	16.4	
125 p-Diethylbenzene	119	10.978	10.978	0.000	92	196497	20.0	19.5	a
126 n-Butylbenzene	92	10.996	10.996	0.000	96	192315	20.0	20.6	
127 1,2-Dichlorobenzene	146	11.063	11.063	0.000	96	139524	20.0	18.9	
128 1,2,4,5-Tetramethylbenzene	119	11.551	11.551	0.000	97	278185	20.0	19.6	
129 1,2-Dibromo-3-Chloropropane	157	11.654	11.654	0.000	95	8631	20.0	18.3	
130 1,3,5-Trichlorobenzene	180	11.770	11.770	0.000	97	120358	20.0	19.6	
131 1,2,4-Trichlorobenzene	180	12.325	12.325	0.000	94	86612	20.0	20.4	
132 Hexachlorobutadiene	225	12.416	12.422	-0.006	94	64051	20.0	19.9	
133 Naphthalene	128	12.569	12.569	0.000	99	126814	20.0	22.5	
134 1,2,3-Trichlorobenzene	180	12.825	12.825	0.000	96	67307	20.0	21.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	33.6	
S 136 1,3-Dichloropropene, Total	100				0		40.0	42.6	

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	38.8	
S 138 Total BTEX	1				0		100.0	98.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
GASES Li_00498	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Oct-2022 10:39:46 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99374.D

Injection Date: 20-Oct-2022 06:12:30 Instrument ID: CVOAMS4 Operator ID:

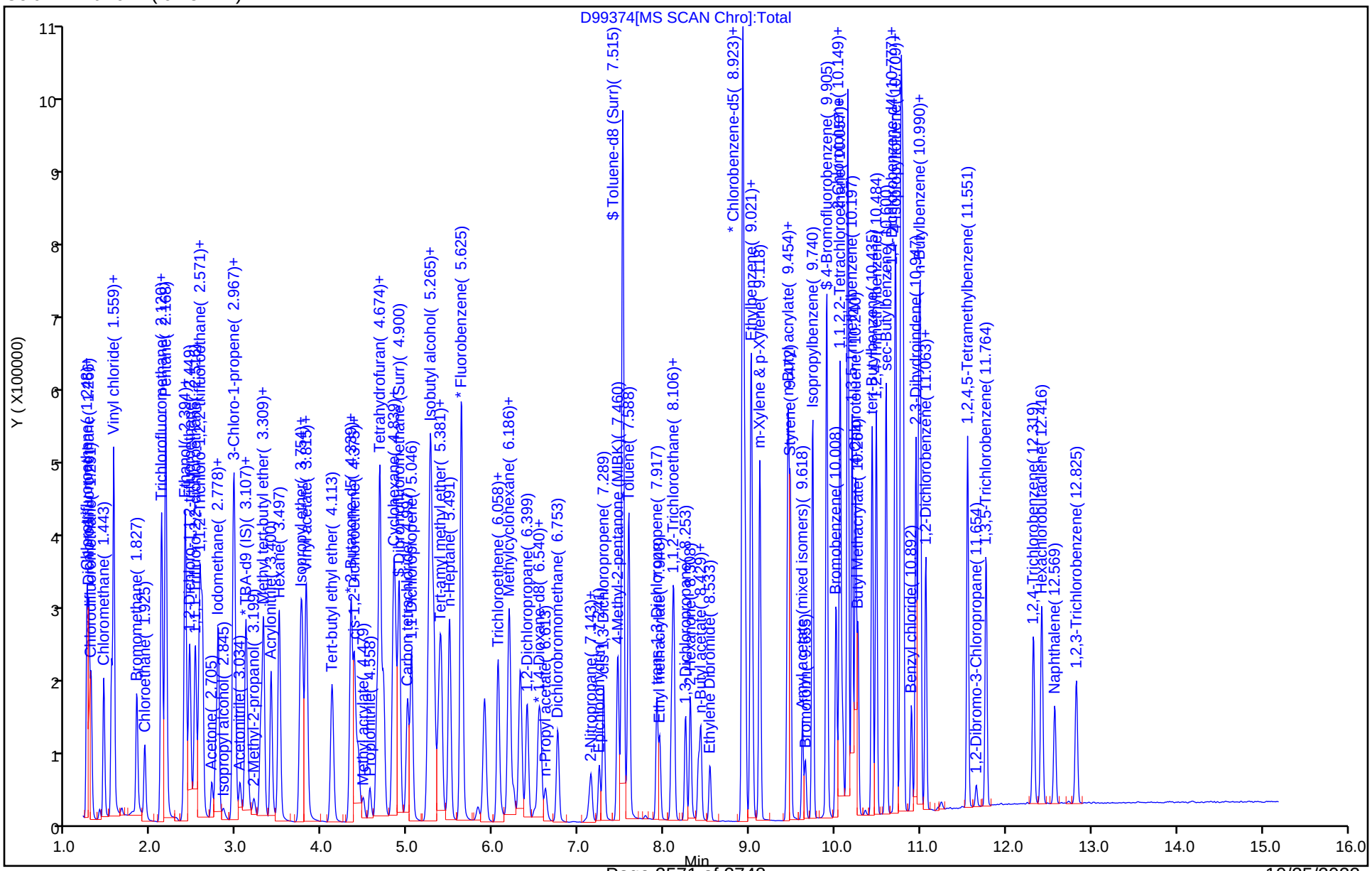
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\D99374.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Oct-2022 06:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0151989-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221020-151989.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2022 10:39:46 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: N1JZ Date: 20-Oct-2022 06:30:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	47.3	94.62
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.2	96.31
$ 82 Toluene-d8 (Surr)	50.0	57.3	114.55
$ 104 4-Bromofluorobenzene	50.0	54.6	109.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-873205/5

Matrix: Solid | Lab File ID: O83006.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2022 22:19

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 873205 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.06		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	1.11		0.050	0.0099
79-00-5	1,1,2-Trichloroethane	1.10		0.050	0.010
75-34-3	1,1-Dichloroethane	1.04		0.050	0.012
75-35-4	1,1-Dichloroethene	1.06		0.050	0.013
107-06-2	1,2-Dichloroethane	1.02		0.050	0.013
78-87-5	1,2-Dichloropropane	1.12		0.050	0.0090
75-27-4	Bromodichloromethane	1.07		0.050	0.0075
56-23-5	Carbon tetrachloride	1.11		0.050	0.017
108-90-7	Chlorobenzene	1.10		0.050	0.012
75-00-3	Chloroethane	1.06		0.050	0.019
67-66-3	Chloroform	1.03		0.050	0.011
74-87-3	Chloromethane	0.978		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	1.05		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	1.10		0.050	0.011
124-48-1	Dibromochloromethane	1.10		0.050	0.011
75-09-2	Methylene Chloride	1.08		0.050	0.011
127-18-4	Tetrachloroethene	1.18		0.050	0.018
156-60-5	trans-1,2-Dichloroethene	1.02		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	1.21		0.050	0.011
79-01-6	Trichloroethene	1.08		0.050	0.011
75-01-4	Vinyl chloride	1.05		0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		68-150
460-00-4	Bromofluorobenzene	99		70-150
1868-53-7	Dibromofluoromethane (Surr)	96		68-150
2037-26-5	Toluene-d8 (Surr)	99		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83006.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Oct-2022 22:19:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:23:38 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: RD6L Date: 21-Oct-2022 10:15:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	86	25620	20.0	19.1	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	79899	20.0	19.5	
5 Chlorodifluoromethane	67	0.856	0.856	0.000	97	13942	20.0	20.6	
6 Chloromethane	50	0.947	0.947	0.000	99	61271	20.0	19.6	
7 Vinyl chloride	62	0.981	0.981	0.000	97	59490	20.0	20.9	
8 Butadiene	54	0.993	0.993	0.000	95	46568	20.0	21.3	
9 Bromomethane	94	1.141	1.141	0.000	98	49002	20.0	21.2	
10 Chloroethane	64	1.187	1.187	0.000	99	42162	20.0	21.1	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	110933	20.0	21.4	
12 Trichlorofluoromethane	101	1.312	1.313	-0.001	97	88545	20.0	22.0	
13 Pentane	57	1.358	1.358	0.000	96	20062	40.0	40.5	
14 Ethanol	46	1.415	1.415	0.000	95	8935	800.0	922.9	
15 Ethyl ether	59	1.461	1.461	0.000	92	32466	20.0	19.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	89	48488	20.0	20.4	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	45631	20.0	21.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	69134	20.0	20.2	
19 Acrolein	56	1.529	1.529	0.000	95	6934	40.0	31.4	
20 1,1-Dichloroethene	96	1.586	1.587	-0.001	96	49981	20.0	21.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.586	1.587	-0.001	97	50538	20.0	21.0	
22 Acetone	58	1.609	1.609	0.000	87	10825	100.0	92.2	
23 Iodomethane	142	1.666	1.666	0.000	98	99008	20.0	20.6	
25 Carbon disulfide	76	1.701	1.701	0.000	99	200565	20.0	22.5	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	11652	200.0	166.5	
26 Acetonitrile	38	1.780	1.781	-0.001	80	18148	200.0	237.3	
27 3-Chloro-1-propene	76	1.780	1.781	-0.001	92	36733	20.0	21.5	
28 Methyl acetate	43	1.803	1.803	0.000	96	24838	40.0	44.6	
29 Cyclopentene	67	1.838	1.838	0.000	93	107821	20.0	22.9	
30 Methylene Chloride	84	1.860	1.861	-0.001	86	70958	20.0	21.6	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	98	110303	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	27281	200.0	207.2	
33 Acrylonitrile	53	1.997	1.998	-0.001	95	115535	200.0	201.2	
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	92	54705	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
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	138097	20.0	21.0	
36 Hexane	57	2.214	2.214	0.000	91	47837	20.0	22.2	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	98633	20.0	20.9	
38 Vinyl acetate	86	2.340	2.340	0.000	99	20615	40.0	50.7	
39 Isopropyl ether	45	2.351	2.351	0.000	81	159725	20.0	21.9	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	75	59405	20.0	22.0	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	169574	20.0	21.5	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	98	130825	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	86	21438	20.0	21.4	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	95	61012	20.0	21.1	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	98	21434	100.0	115.5	
42 Propionitrile	54	2.751	2.751	0.000	97	45137	200.0	215.7	
47 Ethyl acetate	70	2.785	2.774	0.011	99	7801	40.0	43.5	
48 Methyl acrylate	55	2.808	2.808	0.000	98	36092	20.0	22.9	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	137699	200.0	223.2	
49 Chlorobromomethane	128	2.876	2.877	-0.001	77	33516	20.0	23.4	
51 Tetrahydrofuran	42	2.922	2.922	0.000	89	14537	40.0	43.2	
52 Chloroform	83	2.945	2.945	0.000	100	98506	20.0	20.7	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	123561	50.0	48.0	
54 1,1,1-Trichloroethane	97	3.093	3.094	-0.001	98	95886	20.0	21.1	
55 Cyclohexane	84	3.139	3.139	0.000	87	72402	20.0	21.0	
56 Carbon tetrachloride	117	3.230	3.231	-0.001	97	75017	20.0	22.3	
57 1,1-Dichloropropene	75	3.230	3.231	-0.001	98	89327	20.0	22.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	131670	50.0	47.9	
61 Isobutyl alcohol	43	3.379	3.379	0.000	96	27172	500.0	545.4	
59 Benzene	78	3.402	3.402	0.000	96	256279	20.0	21.8	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	70316	20.0	20.4	
62 Isooctane	57	3.504	3.505	-0.001	95	106484	20.0	23.9	
63 Isopropyl acetate	61	3.516	3.516	0.000	97	16648	20.0	23.6	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	95	168548	20.0	22.0	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	594884	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	84	34172	20.0	23.1	
67 Trichloroethene	95	4.007	4.007	0.000	98	66042	20.0	21.7	
68 n-Butanol	56	4.041	4.053	-0.012	91	15671	500.0	443.9	
69 Ethyl acrylate	55	4.189	4.190	-0.001	98	102196	20.0	22.3	
70 Methylcyclohexane	83	4.201	4.201	0.000	92	71510	20.0	23.4	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	92	61116	20.0	22.5	
* 72 1,4-Dioxane-d8	96	4.338	4.327	0.011	0	29199	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	94	33239	20.0	21.3	
74 1,4-Dioxane	88	4.384	4.384	0.000	89	13850	400.0	443.7	
75 Methyl methacrylate	100	4.406	4.407	-0.001	83	30282	40.0	46.4	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	53061	20.0	21.0	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	75553	20.0	21.3	
78 2-Nitropropane	41	4.772	4.772	0.000	99	15343	40.0	48.8	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	93	30908	20.0	20.2	
80 Epichlorohydrin	57	4.932	4.932	0.000	99	82997	400.0	454.3	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	98859	20.0	22.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	200485	100.0	130.3	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	579330	50.0	49.3	
84 Toluene	91	5.422	5.423	-0.001	92	300551	20.0	23.1	
85 trans-1,3-Dichloropropene	75	5.719	5.719	0.000	96	91462	20.0	24.2	
86 Ethyl methacrylate	69	5.913	5.914	-0.001	88	72217	20.0	24.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	44426	20.0	22.1	
88 Tetrachloroethene	166	6.096	6.096	0.000	95	59476	20.0	23.6	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	92	94044	20.0	22.3	
90 2-Hexanone	43	6.324	6.325	-0.001	92	129967	100.0	126.6	
91 Chlorodibromomethane	129	6.427	6.427	0.000	98	56191	20.0	21.9	
93 Ethylene Dibromide	107	6.541	6.541	0.000	100	57582	20.0	22.2	
92 n-Butyl acetate	43	6.564	6.564	0.000	99	67626	20.0	23.6	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	86	455739	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	96	190418	20.0	22.1	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	58458	20.0	23.1	
97 Ethylbenzene	106	7.466	7.466	0.000	97	98658	20.0	23.2	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	122330	20.0	24.0	
99 o-Xylene	106	8.220	8.220	0.000	94	117896	20.0	22.4	
100 Styrene	104	8.254	8.254	0.000	96	199669	20.0	24.1	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	36681	20.0	21.8	
102 Bromoform	173	8.459	8.460	-0.001	93	29810	20.0	23.3	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	74101	20.0	23.3	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	252484	20.0	23.3	
$ 105 4-Bromofluorobenzene	174	9.007	9.008	-0.001	84	142640	50.0	49.6	
106 Bromobenzene	156	9.190	9.190	0.000	98	74823	20.0	22.5	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	68366	20.0	22.2	
108 1,2,3-Trichloropropane	75	9.338	9.339	-0.001	97	52231	20.0	21.7	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	89	24509	20.0	21.9	
110 N-Propylbenzene	91	9.475	9.476	-0.001	100	250987	20.0	23.0	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	211385	20.0	22.4	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	220767	20.0	22.2	
113 4-Chlorotoluene	91	9.727	9.738	-0.011	96	166996	20.0	21.6	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	193568	20.0	22.6	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	69599	20.0	23.7	
116 tert-Butylbenzene	119	10.297	10.298	-0.001	93	145724	20.0	22.2	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	199425	20.0	22.5	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	187647	20.0	22.3	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	95	120476	20.0	22.8	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	220299	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	124721	20.0	21.9	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	166614	20.0	22.9	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	219109	20.0	23.0	
124 Benzyl chloride	126	11.177	11.177	0.000	99	22282	20.0	20.4	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	225508	20.0	22.4	
126 1,2-Dichlorobenzene	146	11.428	11.428	0.000	95	123400	20.0	23.4	
127 p-Diethylbenzene	119	11.496	11.496	0.000	93	90736	20.0	21.4	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	79046	20.0	23.5	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	96	12077	20.0	23.7	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	96	180744	20.0	24.1	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	59797	20.0	24.9	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	53213	20.0	24.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	18331	20.0	24.6	
134 Naphthalene	128	12.946	12.946	0.000	99	191790	20.0	25.3	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	49043	20.0	24.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.5	
S 138 Xylenes, Total	100				0		40.0	46.4	
S 139 Total BTEX	1				0		100.0	114.5	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00231	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Oct-2022 10:30:39 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83006.d

Injection Date: 20-Oct-2022 22:19:30 Instrument ID: CVOAMS12 Operator ID:

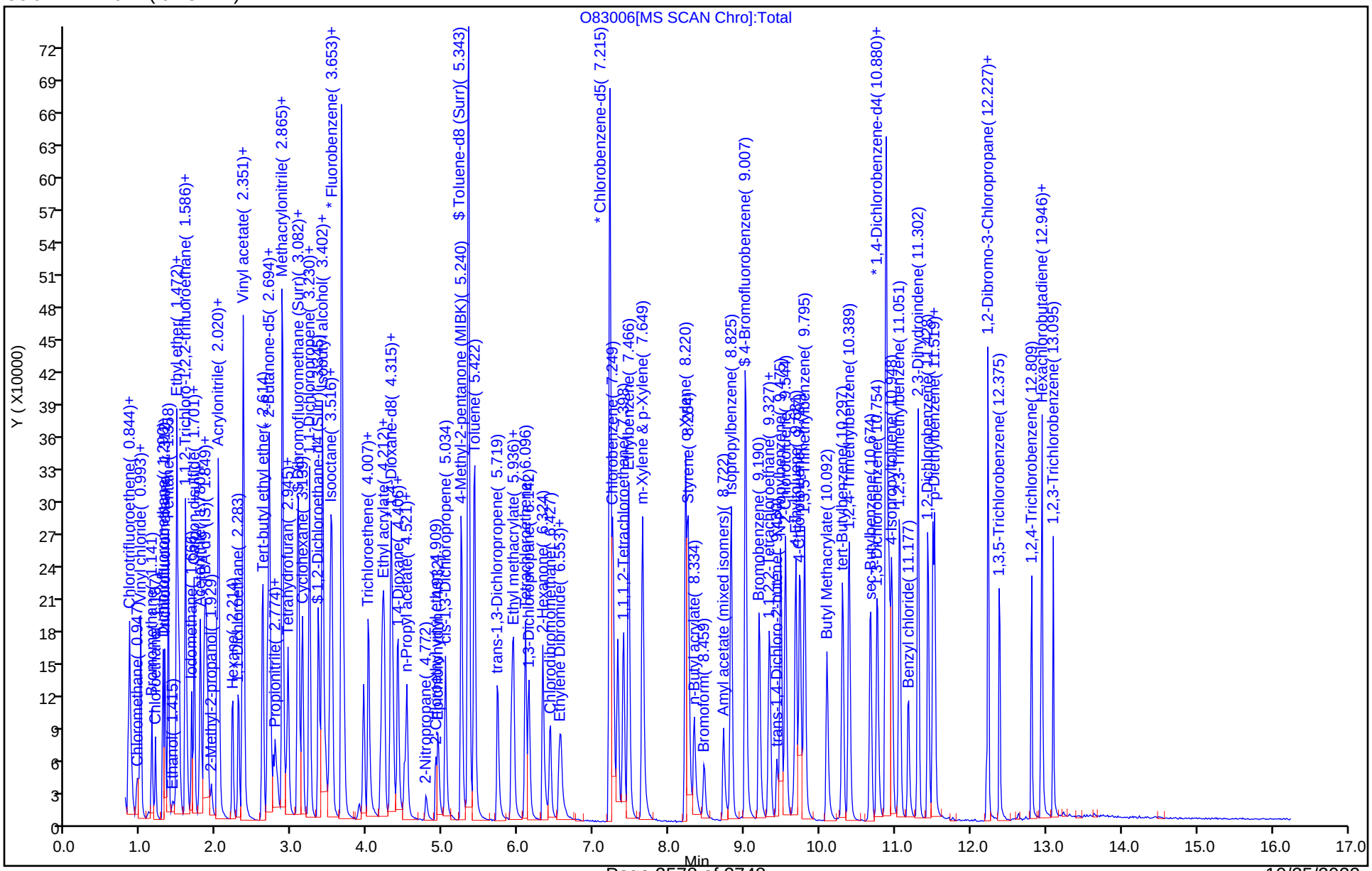
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83006.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Oct-2022 22:19:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:23:38 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: RD6L Date: 21-Oct-2022 10:15:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	48.0	96.03
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	47.9	95.77
$ 83 Toluene-d8 (Surr)	50.0	49.3	98.51
$ 105 4-Bromofluorobenzene	50.0	49.6	99.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_15-16_20221012 MS | Lab Sample ID: 460-267360-1 MS

Matrix: Solid | Lab File ID: B93164.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:00

Sample wt/vol: 5.21(g) | Date Analyzed: 10/18/2022 05:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 9.2 % Solids: 90.8 | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0179		0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0116		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0140		0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0195		0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0211		0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0175		0.0011	0.00031
78-87-5	1,2-Dichloropropane	0.0166		0.0011	0.00045
75-27-4	Bromodichloromethane	0.0152		0.0011	0.00027
56-23-5	Carbon tetrachloride	0.0162		0.0011	0.00041
108-90-7	Chlorobenzene	0.00970		0.0011	0.00019
75-00-3	Chloroethane	0.0244		0.0011	0.00055
67-66-3	Chloroform	0.0175		0.0011	0.0010
74-87-3	Chloromethane	0.0242		0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0191		0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0144		0.0011	0.00029
124-48-1	Dibromochloromethane	0.0119		0.0011	0.00021
75-09-2	Methylene Chloride	0.0217		0.0021	0.0012
127-18-4	Tetrachloroethene	0.0323		0.0011	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0205		0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0124		0.0011	0.00028
79-01-6	Trichloroethene	0.0538		0.0011	0.00034
75-01-4	Vinyl chloride	0.0244		0.0011	0.00058

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	108		73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93164.D
Lims ID: 460-267360-D-1-B MS
Client ID: L2-RI-SB-10B_15-16_20221012
Sample Type: MS
Inject. Date: 18-Oct-2022 05:04:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-1-B MS
Misc. Info.: 460-0151860-026
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:31:53 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 05:29:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.666	0.697	-0.031	31	276	20.0	0.7914	7
2 1,1-Difluoroethane	51	0.868	0.856	0.012	98	106752	20.0	12.6	a
3 Dichlorodifluoromethane	85	0.880	0.880	0.000	73	74892	20.0	16.4	
4 Chlorodifluoromethane	67	0.880	0.886	-0.006	95	9739	20.0	16.0	
5 Chloromethane	50	0.990	0.983	0.007	99	125577	20.0	22.9	
7 Vinyl chloride	62	1.038	1.045	-0.007	97	91870	20.0	23.1	
6 Butadiene	54	1.038	1.051	-0.013	95	90444	20.0	21.5	
8 Bromomethane	94	1.233	1.233	0.000	99	49204	20.0	22.9	
9 Chloroethane	64	1.264	1.270	-0.006	99	46038	20.0	23.1	
10 Dichlorofluoromethane	67	1.398	1.404	-0.006	99	119331	20.0	20.8	
12 Pentane	43	1.435	1.434	0.001	97	194068	40.0	31.6	
11 Trichlorofluoromethane	101	1.435	1.447	-0.012	83	78681	20.0	20.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.605	1.558	0.047	87	44031	20.0	19.1	
13 Ethyl ether	59	1.575	1.569	0.006	65	51512	20.0	20.1	
15 2-Methyl-1,3-butadiene	53	1.581	1.581	0.000	97	58143	20.0	17.6	
14 Ethanol	46	1.563	1.593	-0.030	52	12700	800.0	647.0	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.654	1.660	-0.006	83	78152	20.0	18.5	a
18 Acrolein	56	1.654	1.660	-0.006	97	59410	300.0	121.9	
19 1,1-Dichloroethene	96	1.709	1.721	-0.012	95	49641	20.0	19.9	
21 Acetone	43	1.764	1.764	0.000	86	122425	100.0	129.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.776	-0.018	55	49651	20.0	19.1	
22 Iodomethane	142	1.813	1.813	0.000	97	88522	20.0	20.8	
23 Carbon disulfide	76	1.849	1.849	0.000	100	171110	20.0	17.3	
25 3-Chloro-1-propene	39	1.959	1.965	-0.006	92	91151	20.0	18.7	
26 Methyl acetate	43	1.995	1.989	0.006	99	197663	40.0	72.3	
27 Acetonitrile	39	2.014	2.014	0.000	41	50032	200.0	150.3	a
28 Methylene Chloride	84	2.050	2.057	-0.006	99	67160	20.0	20.5	
24 Isopropyl alcohol	45	1.892	2.154	-0.262	96	53572	200.0	157.8	Ma
* 29 TBA-d9 (IS)	65	2.154	2.160	-0.006	0	470264	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.221	2.239	-0.018	91	95635	200.0	188.3	a
31 Acrylonitrile	53	2.245	2.246	-0.001	97	232470	200.0	150.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.252	2.258	-0.006	96	60530	20.0	19.4	
33 Methyl tert-butyl ether	73	2.288	2.294	-0.006	98	195818	20.0	20.6	
34 Hexane	57	2.477	2.471	0.006	94	92770	20.0	15.4	
35 1,1-Dichloroethane	63	2.581	2.587	-0.006	99	129180	20.0	18.4	
36 Vinyl acetate	86	2.666	2.648	0.018	59	2321	40.0	4.59	Ma
37 2-Chloro-1,3-butadiene	88	2.660	2.672	-0.012	93	50278	20.0	18.3	
38 Isopropyl ether	45	2.684	2.691	-0.007	96	279168	20.0	19.2	
39 Tert-butyl ethyl ether	87	3.014	3.020	-0.006	88	75246	20.0	20.0	
* 40 2-Butanone-d5	46	3.093	3.099	-0.006	0	465580	250.0	250.0	
42 2,2-Dichloropropane	79	3.105	3.105	0.000	53	23736	20.0	15.5	
41 cis-1,2-Dichloroethene	96	3.099	3.105	-0.006	90	62822	20.0	18.1	
43 2-Butanone (MEK)	72	3.148	3.154	-0.006	100	35749	100.0	99.5	
44 Propionitrile	54	3.196	3.209	-0.013	99	89676	200.0	171.5	
45 Ethyl acetate	43	3.227	3.227	0.000	98	78785	40.0	19.6	
62 Methyl acrylate	55	3.245	3.245	0.000	99	106521	20.0	26.6	
46 Chlorobromomethane	128	3.324	3.318	0.006	89	27523	20.0	18.5	
47 Methacrylonitrile	67	3.337	3.343	-0.006	96	236563	200.0	177.2	
48 Tetrahydrofuran	42	3.404	3.404	0.000	85	50973	40.0	39.9	
49 Chloroform	83	3.422	3.422	0.000	97	95222	20.0	16.6	
$ 50 Dibromofluoromethane (Surr)	113	3.581	3.581	0.000	96	170533	50.0	54.1	
51 1,1,1-Trichloroethane	97	3.593	3.593	0.000	98	72457	20.0	16.9	
52 Cyclohexane	84	3.629	3.635	-0.006	98	79162	20.0	15.9	
53 Carbon tetrachloride	117	3.757	3.751	0.006	72	53665	20.0	15.4	
54 1,1-Dichloropropene	75	3.751	3.757	-0.006	91	68758	20.0	15.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	204039	50.0	51.4	
56 Benzene	78	3.971	3.977	-0.006	98	220923	20.0	15.4	
57 1,2-Dichloroethane	62	4.001	4.013	-0.012	96	72647	20.0	16.5	
58 Isobutyl alcohol	42	4.032	4.025	0.007	95	58339	500.0	405.9	
59 Tert-amyl methyl ether	73	4.160	4.166	-0.006	85	208457	20.0	19.0	
73 Isopropyl acetate	61	4.166	4.166	0.000	90	17099	20.0	13.5	
* 60 Fluorobenzene	96	4.306	4.312	-0.006	98	664192	50.0	50.0	
61 n-Heptane	43	4.343	4.342	0.001	98	94747	20.0	12.8	
63 Trichloroethene	95	4.751	4.745	0.006	96	157244	20.0	50.9	
64 n-Butanol	43	4.849	4.855	-0.006	93	28342	500.0	373.6	
65 Methylcyclohexane	83	4.977	4.976	0.001	87	84169	20.0	14.5	a
66 Ethyl acrylate	55	4.977	4.989	-0.012	92	110059	20.0	11.3	
67 1,2-Dichloropropane	63	5.031	5.031	0.000	92	61304	20.0	15.7	
68 Dibromomethane	93	5.172	5.178	-0.006	36	28043	20.0	16.5	
* 69 1,4-Dioxane-d8	96	5.214	5.227	-0.013	0	30645	1000.0	1000.0	
70 1,4-Dioxane	88	5.281	5.281	0.000	32	12176	400.0	368.7	
71 Methyl methacrylate	100	5.288	5.287	0.001	95	27303	40.0	43.9	
81 n-Propyl acetate	43	5.422	5.415	0.007	69	41227	20.0	7.76	
72 Dichlorobromomethane	83	5.428	5.440	-0.012	98	56245	20.0	14.4	
74 2-Nitropropane	41	5.775	5.775	0.000	99	23077	40.0	32.8	
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	91	32577	20.0	15.9	
76 Epichlorohydrin	57	5.983	5.982	0.000	99	117055	400.0	345.9	
77 cis-1,3-Dichloropropene	75	6.086	6.080	0.006	96	72743	20.0	13.6	
78 4-Methyl-2-pentanone (MIBK)	43	6.397	6.397	0.000	98	331001	100.0	86.9	
$ 79 Toluene-d8 (Surr)	98	6.458	6.464	-0.006	98	690382	50.0	49.5	
80 Toluene	91	6.562	6.556	0.006	92	161852	20.0	11.8	
82 trans-1,3-Dichloropropene	75	6.988	6.982	0.006	97	51235	20.0	11.7	
83 1,1,2-Trichloroethane	83	7.269	7.257	0.012	92	29514	20.0	13.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.257	7.263	-0.006	83	29641	20.0	8.18	
85 Tetrachloroethene	166	7.421	7.421	0.000	93	84396	20.0	30.5	
86 1,3-Dichloropropane	76	7.519	7.519	0.000	97	60317	20.0	12.9	
87 2-Hexanone	43	7.799	7.799	0.000	99	198868	100.0	83.0	
88 Chlorodibromomethane	129	7.885	7.879	0.006	97	28014	20.0	11.3	
89 Ethylene Dibromide	107	8.013	8.013	0.000	98	29148	20.0	12.0	
90 n-Butyl acetate	43	8.110	8.116	-0.006	98	30812	20.0	5.27	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	463621	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	92	73365	20.0	9.17	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.122	0.006	93	26668	20.0	9.96	
94 Ethylbenzene	106	9.195	9.195	0.000	99	39418	20.0	9.03	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	43736	20.0	8.38	
96 o-Xylene	106	10.079	10.073	0.006	92	42338	20.0	8.19	
97 Styrene	104	10.116	10.110	0.006	94	65811	20.0	7.81	
98 n-Butyl acrylate	73	10.238	10.238	0.000	95	9999	20.0	4.74	
99 Bromoform	173	10.348	10.341	0.007	93	13848	20.0	9.13	
101 Amyl acetate (mixed isomers)	43	10.665	10.665	-0.001	90	19880	20.0	3.38	
102 Isopropylbenzene	105	10.732	10.732	0.000	97	99124	20.0	7.41	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	86	164950	50.0	48.7	
104 Bromobenzene	156	11.110	11.104	0.006	93	23010	20.0	7.67	
105 1,2,3-Trichloropropane	110	11.292	11.280	0.012	87	9089	20.0	11.6	
106 1,1,2,2-Tetrachloroethane	83	11.280	11.280	0.000	93	36458	20.0	10.9	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	79	11518	20.0	10.8	
108 N-Propylbenzene	120	11.408	11.402	0.006	99	23841	20.0	7.20	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	19620	20.0	6.78	
110 4-Ethyltoluene	105	11.609	11.610	-0.001	98	81425	20.0	6.52	
111 4-Chlorotoluene	91	11.658	11.658	0.000	98	63026	20.0	6.34	
112 1,3,5-Trimethylbenzene	105	11.731	11.725	0.006	92	62697	20.0	5.96	
100 Butyl Methacrylate	87	12.079	12.085	-0.006	95	15714	20.0	4.87	
113 tert-Butylbenzene	119	12.292	12.286	0.006	97	53152	20.0	6.45	
114 1,2,4-Trimethylbenzene	105	12.390	12.378	0.012	99	61044	20.0	5.64	
115 sec-Butylbenzene	105	12.707	12.701	0.006	98	88494	20.0	6.60	
116 1,3-Dichlorobenzene	146	12.774	12.774	0.000	94	31930	20.0	5.53	
* 117 1,4-Dichlorobenzene-d4	152	12.884	12.878	0.006	98	231601	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.914	12.908	0.006	91	31629	20.0	5.28	
119 4-Isopropyltoluene	119	12.945	12.945	0.000	97	64101	20.0	5.62	
120 1,2,3-Trimethylbenzene	105	13.018	13.012	0.006	99	63089	20.0	5.48	
121 Benzyl chloride	126	13.109	13.103	0.006	97	6205	20.0	6.49	
122 2,3-Dihydroindene	117	13.201	13.194	0.007	94	58531	20.0	5.39	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	93	29007	20.0	5.02	
124 p-Diethylbenzene	119	13.353	13.347	0.006	92	29925	20.0	4.85	
125 n-Butylbenzene	92	13.371	13.365	0.006	97	36443	20.0	5.45	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.926	0.006	85	4666	20.0	7.50	
127 1,2,4,5-Tetramethylbenzene	119	13.938	13.938	0.000	96	39117	20.0	3.66	
128 1,3,5-Trichlorobenzene	180	14.066	14.066	0.000	96	15372	20.0	3.20	
129 1,2,4-Trichlorobenzene	180	14.438	14.444	-0.006	93	12076	20.0	2.74	
130 Hexachlorobutadiene	225	14.554	14.554	0.000	93	7933	20.0	3.75	
131 Naphthalene	128	14.566	14.572	-0.006	98	37175	20.0	3.58	
132 1,2,3-Trichlorobenzene	180	14.700	14.706	-0.006	95	10658	20.0	2.55	
S 133 1,2-Dichloroethene, Total	100				0		40.0	37.5	
S 134 1,3-Dichloropropene, Total	100				0		40.0	25.3	
S 135 Xylenes, Total	100				0		40.0	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 Total BTEX	1				0		100.0	52.8	

QC Flag Legend

Processing Flags
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 14:31:54 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93164.D

Injection Date: 18-Oct-2022 05:04:30 Instrument ID: CVOAMS2 Operator ID:

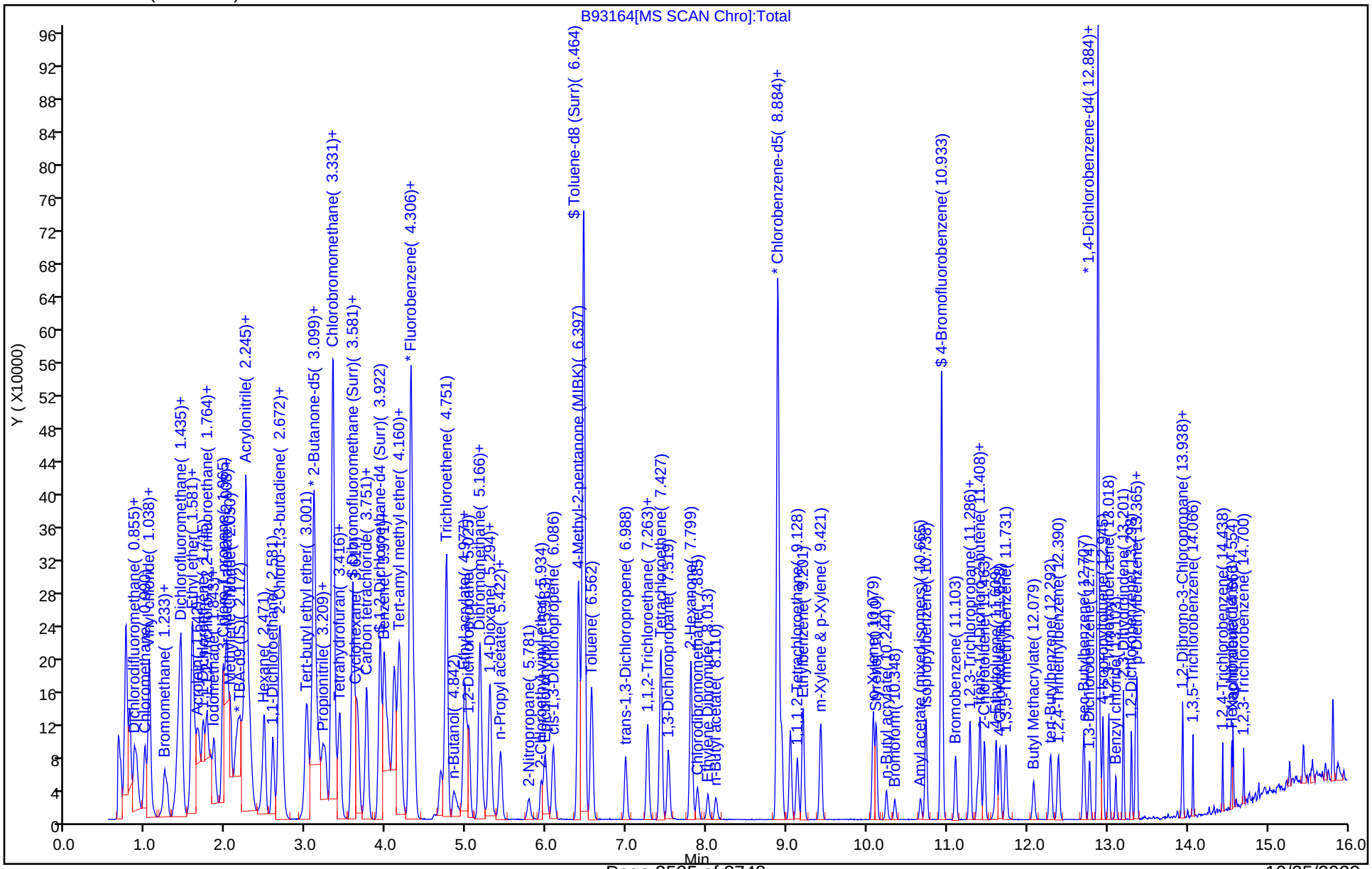
Lims ID: 460-267360-D-1-B MS Worklist Smp#: 26

Client ID: L2-RI-SB-10B_15-16_20221012

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 25

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93164.D
Lims ID: 460-267360-D-1-B MS
Client ID: L2-RI-SB-10B_15-16_20221012
Sample Type: MS
Inject. Date: 18-Oct-2022 05:04:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-1-B MS
Misc. Info.: 460-0151860-026
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:31:53 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 05:29:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.1	108.16
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	51.4	102.89
$ 79 Toluene-d8 (Surr)	50.0	49.5	99.03
$ 103 4-Bromofluorobenzene	50.0	48.7	97.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_6-8_20221013 MS | Lab Sample ID: 460-267458-2 MS

Matrix: Solid | Lab File ID: D99231.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:20

Sample wt/vol: 4.44(g) | Date Analyzed: 10/17/2022 17:27

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.2 % Solids: 93.8 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0191		0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0159		0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0184		0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0190		0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0202		0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0172		0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0194		0.0012	0.00051
75-27-4	Bromodichloromethane	0.0179		0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0190		0.0012	0.00046
108-90-7	Chlorobenzene	0.0189		0.0012	0.00021
75-00-3	Chloroethane	0.0191		0.0012	0.00063
67-66-3	Chloroform	0.0185		0.0012	0.0012
74-87-3	Chloromethane	0.0190		0.0012	0.00052
156-59-2	cis-1,2-Dichloroethene	0.0187		0.0012	0.00043
10061-01-5	cis-1,3-Dichloropropene	0.0183		0.0012	0.00033
124-48-1	Dibromochloromethane	0.0177		0.0012	0.00023
75-09-2	Methylene Chloride	0.0190		0.0024	0.0014
127-18-4	Tetrachloroethene	0.0194		0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0191		0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0175		0.0012	0.00032
79-01-6	Trichloroethene	0.0196		0.0012	0.00039
75-01-4	Vinyl chloride	0.0221		0.0012	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	99		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99231.D
Lims ID: 460-267458-C-2-B MS
Client ID: L3-PP-SB-1_6-8_20221013
Sample Type: MS
Inject. Date: 17-Oct-2022 17:27:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-2-B MS
Misc. Info.: 460-0151823-031
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:30:32 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:46:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.248	0.006	84	27169	20.0	8.44	
3 1,1-Difluoroethane	65	1.260	1.254	0.006	97	49005	20.0	15.9	
4 Dichlorodifluoromethane	85	1.278	1.272	0.006	99	125549	20.0	15.3	
5 Chlorodifluoromethane	51	1.303	1.297	0.006	98	109343	20.0	15.6	
6 Chloromethane	50	1.455	1.449	0.006	100	101857	20.0	15.8	
8 Vinyl chloride	62	1.546	1.541	0.005	99	126847	20.0	18.4	
7 Butadiene	54	1.571	1.565	0.006	95	105025	20.0	15.5	
9 Bromomethane	94	1.845	1.833	0.012	99	75629	20.0	15.0	
10 Chloroethane	64	1.937	1.931	0.006	100	51684	20.0	15.9	
13 Trichlorofluoromethane	101	2.132	2.126	0.006	98	125336	20.0	16.6	
11 Dichlorofluoromethane	67	2.138	2.126	0.012	99	127429	20.0	15.5	
12 Pentane	72	2.187	2.175	0.012	96	32782	40.0	36.5	
15 Ethanol	46	2.388	2.376	0.012	96	5978	800.0	974.0	
14 Ethyl ether	59	2.406	2.394	0.012	96	36837	20.0	14.7	
16 2-Methyl-1,3-butadiene	53	2.412	2.406	0.006	98	73026	20.0	18.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.467	2.455	0.012	85	69698	20.0	17.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.522	0.006	95	111176	20.0	17.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.583	2.577	0.006	97	81091	20.0	16.6	
19 Acrolein	56	2.583	2.577	0.006	96	55883	300.4	196.9	
21 1,1-Dichloroethene	96	2.613	2.607	0.006	98	70395	20.0	16.8	
22 Acetone	43	2.723	2.717	0.006	87	35410	100.0	78.9	
23 Iodomethane	142	2.772	2.766	0.006	98	77449	20.0	11.5	
24 Carbon disulfide	76	2.802	2.790	0.012	99	237717	20.0	16.3	
25 Isopropyl alcohol	45	2.863	2.851	0.012	99	15833	200.0	204.6	
26 3-Chloro-1-propene	76	2.973	2.967	0.006	86	38742	20.0	15.1	
28 Cyclopentene	67	2.991	2.979	0.012	93	180487	20.0	16.8	
27 Methyl acetate	43	3.004	2.991	0.013	99	39724	40.0	28.1	
29 Acetonitrile	40	3.058	3.046	0.012	97	16501	200.0	200.8	
30 Methylene Chloride	84	3.119	3.113	0.006	90	64835	20.0	15.8	
* 31 TBA-d9 (IS)	65	3.138	3.126	0.012	0	105579	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.217	3.211	0.006	98	27899	200.0	205.4	

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	3.302	3.296	0.006	96	115325	20.0	14.9	
34 trans-1,2-Dichloroethene	96	3.333	3.321	0.012	93	73016	20.0	15.9	
35 Acrylonitrile	53	3.418	3.412	0.006	95	91180	200.0	186.0	
36 Hexane	57	3.516	3.504	0.012	92	94681	20.0	15.7	
37 Isopropyl ether	45	3.766	3.760	0.006	97	157882	20.0	16.9	
38 1,1-Dichloroethane	63	3.790	3.778	0.012	99	114338	20.0	15.8	
39 Vinyl acetate	86	3.827	3.814	0.013	99	12935	40.0	23.5	
40 2-Chloro-1,3-butadiene	88	3.839	3.827	0.012	91	62233	20.0	16.0	
41 Tert-butyl ethyl ether	59	4.137	4.125	0.012	89	137121	20.0	16.2	
43 2,2-Dichloropropane	79	4.357	4.345	0.012	94	30166	20.0	14.6	
* 42 2-Butanone-d5	46	4.363	4.351	0.012	96	114335	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.400	4.388	0.012	97	70072	20.0	15.6	
45 2-Butanone (MEK)	72	4.430	4.418	0.012	99	14597	100.0	82.7	
46 Ethyl acetate	70	4.448	4.436	0.012	97	5575	40.0	33.5	
47 Methyl acrylate	55	4.503	4.491	0.012	100	22905	20.0	13.9	
48 Propionitrile	54	4.582	4.570	0.012	98	32765	200.0	183.0	
49 Chlorobromomethane	128	4.662	4.650	0.012	87	29463	20.0	15.6	
50 Tetrahydrofuran	72	4.668	4.650	0.018	81	6909	40.0	42.3	
51 Methacrylonitrile	67	4.698	4.686	0.012	93	115458	200.0	130.8	
52 Chloroform	83	4.741	4.729	0.012	99	107050	20.0	15.4	
53 Cyclohexane	84	4.857	4.845	0.012	89	100443	20.0	16.4	
54 1,1,1-Trichloroethane	97	4.881	4.869	0.012	98	100999	20.0	15.9	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.912	0.012	97	168446	50.0	49.3	
56 Carbon tetrachloride	117	5.021	5.009	0.012	97	91889	20.0	15.8	
57 1,1-Dichloropropene	75	5.070	5.058	0.012	97	90003	20.0	16.6	
58 Isobutyl alcohol	43	5.284	5.272	0.012	79	51085	500.0	429.9	
59 Benzene	78	5.296	5.284	0.012	96	235969	20.0	16.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	125504	50.0	43.1	
61 Tert-amyl methyl ether	87	5.399	5.387	0.012	95	33921	20.0	14.7	
63 1,2-Dichloroethane	62	5.418	5.406	0.012	95	56180	20.0	14.3	
62 Isopropyl acetate	61	5.418	5.406	0.012	97	17507	20.0	14.5	
64 n-Heptane	43	5.515	5.503	0.012	89	74911	20.0	14.0	
* 65 Fluorobenzene	96	5.649	5.643	0.006	99	486939	50.0	50.0	
67 Trichloroethene	95	6.082	6.070	0.012	97	65202	20.0	16.3	
66 n-Butanol	56	6.119	6.101	0.018	95	7889	500.0	312.0	
68 Methylcyclohexane	83	6.210	6.204	0.006	95	103557	20.0	15.7	
69 Ethyl acrylate	55	6.265	6.253	0.012	99	24086	20.0	14.1	
70 1,2-Dichloropropane	63	6.424	6.412	0.012	90	51139	20.0	16.1	
* 71 1,4-Dioxane-d8	96	6.515	6.497	0.018	0	8659	1000.0	1000.0	
72 Methyl methacrylate	100	6.558	6.546	0.012	85	15724	40.0	28.1	
73 1,4-Dioxane	88	6.576	6.564	0.012	38	6724	400.0	440.5	
74 Dibromomethane	93	6.582	6.570	0.012	93	27068	20.0	14.5	
75 n-Propyl acetate	43	6.637	6.625	0.012	97	29919	20.0	13.3	
76 Dichlorobromomethane	83	6.777	6.771	0.006	99	66336	20.0	14.9	
77 2-Nitropropane	41	7.143	7.137	0.006	99	12519	40.0	26.1	
78 2-Chloroethyl vinyl ether	63	7.167	7.161	0.006	94	16772	20.0	14.0	
79 Epichlorohydrin	57	7.265	7.253	0.012	88	2080	20.0	16.8	a
80 cis-1,3-Dichloropropene	75	7.314	7.308	0.006	91	72592	20.0	15.3	
81 4-Methyl-2-pentanone (MIBK)	43	7.478	7.466	0.012	97	100865	100.0	89.1	
$ 82 Toluene-d8 (Surr)	98	7.539	7.527	0.012	99	567787	50.0	52.2	
83 Toluene	91	7.606	7.600	0.006	92	234713	20.0	15.7	
84 trans-1,3-Dichloropropene	75	7.935	7.923	0.012	94	57579	20.0	14.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.966	7.960	0.006	88	35654	20.0	13.5	
86 1,1,2-Trichloroethane	83	8.106	8.100	0.006	96	30048	20.0	15.4	
87 Tetrachloroethene	166	8.131	8.125	0.006	98	68478	20.0	16.1	
88 1,3-Dichloropropane	76	8.271	8.259	0.012	92	54487	20.0	15.5	
89 2-Hexanone	43	8.326	8.314	0.012	96	62969	100.0	85.9	
90 n-Butyl acetate	73	8.417	8.411	0.006	98	6733	20.0	14.1	
91 Chlorodibromomethane	129	8.448	8.442	0.006	98	42472	20.0	14.7	
92 Ethylene Dibromide	107	8.551	8.545	0.006	99	32509	20.0	14.9	
* 93 Chlorobenzene-d5	117	8.941	8.935	0.006	85	377873	50.0	50.0	
94 Chlorobenzene	112	8.966	8.960	0.006	97	140587	20.0	15.7	
95 Ethylbenzene	106	9.033	9.027	0.006	98	80462	20.0	15.4	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.039	0.006	96	48250	20.0	15.2	
97 m-Xylene & p-Xylene	106	9.136	9.131	0.005	0	97794	20.0	15.8	
98 n-Butyl acrylate	73	9.453	9.448	0.005	97	22602	20.0	13.8	
99 o-Xylene	106	9.466	9.460	0.006	94	90071	20.0	15.1	
100 Styrene	104	9.490	9.484	0.006	98	136931	20.0	14.3	
101 Amyl acetate (mixed isomers)	43	9.630	9.624	0.006	90	39721	20.0	13.9	
102 Bromoform	173	9.667	9.661	0.006	96	22493	20.0	12.8	
103 Isopropylbenzene	105	9.752	9.746	0.006	95	243657	20.0	15.6	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	166014	50.0	50.7	
105 Bromobenzene	156	10.027	10.021	0.006	91	56643	20.0	15.0	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	97	31042	20.0	13.2	
107 N-Propylbenzene	91	10.075	10.069	0.006	99	281948	20.0	15.0	
108 1,2,3-Trichloropropane	110	10.100	10.094	0.006	96	8751	20.0	12.8	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	88	6533	20.0	12.1	
110 4-Ethyltoluene	105	10.161	10.155	0.006	99	240756	20.0	14.7	
111 2-Chlorotoluene	91	10.167	10.161	0.006	95	177041	20.0	14.3	
112 1,3,5-Trimethylbenzene	105	10.216	10.210	0.006	94	186746	20.0	14.5	
113 4-Chlorotoluene	91	10.252	10.246	0.006	97	155167	20.0	14.3	
114 Butyl Methacrylate	87	10.283	10.277	0.006	88	49157	20.0	14.8	
115 tert-Butylbenzene	119	10.447	10.441	0.006	95	170161	20.0	14.6	
116 1,2,4-Trimethylbenzene	105	10.496	10.490	0.006	97	185418	20.0	14.4	
117 sec-Butylbenzene	105	10.612	10.606	0.006	99	254443	20.0	14.5	
118 4-Isopropyltoluene	119	10.715	10.709	0.006	98	209977	20.0	13.9	
119 1,3-Dichlorobenzene	146	10.734	10.728	0.006	98	102696	20.0	13.6	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	-0.001	94	202551	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.795	0.006	95	100864	20.0	13.3	
122 1,2,3-Trimethylbenzene	105	10.813	10.807	0.006	98	185021	20.0	14.3	
123 Benzyl chloride	126	10.911	10.905	0.005	99	10398	20.0	11.0	
124 2,3-Dihydroindene	117	10.959	10.953	0.006	94	192000	20.0	14.5	
125 p-Diethylbenzene	119	10.990	10.990	0.000	92	134412	20.0	15.6	
126 n-Butylbenzene	92	11.014	11.008	0.006	97	102895	20.0	12.9	
127 1,2-Dichlorobenzene	146	11.075	11.069	0.006	99	88477	20.0	14.0	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	163054	20.0	13.4	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.661	0.005	90	4531	20.0	11.2	
130 1,3,5-Trichlorobenzene	180	11.782	11.776	0.006	98	64262	20.0	12.2	
131 1,2,4-Trichlorobenzene	180	12.337	12.331	0.006	94	44042	20.0	12.2	
132 Hexachlorobutadiene	225	12.435	12.429	0.006	94	30560	20.0	11.1	
133 Naphthalene	128	12.587	12.581	0.006	99	59262	20.0	12.1	
134 1,2,3-Trichlorobenzene	180	12.843	12.837	0.006	95	31815	20.0	11.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	31.5	
S 136 1,3-Dichloropropene, Total	100				0		40.0	29.9	

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	30.9	
S 138 Total BTEX	1				0		100.0	78.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN SP_00142	Amount Added:	3.00	Units: uL	
8FreonsSS_00050	Amount Added:	2.00	Units: uL	
8260 SP_00159	Amount Added:	2.00	Units: uL	
GAS C SP_00484	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Oct-2022 13:30:33 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99231.D

Injection Date: 17-Oct-2022 17:27:30 Instrument ID: CVOAMS4 Operator ID:

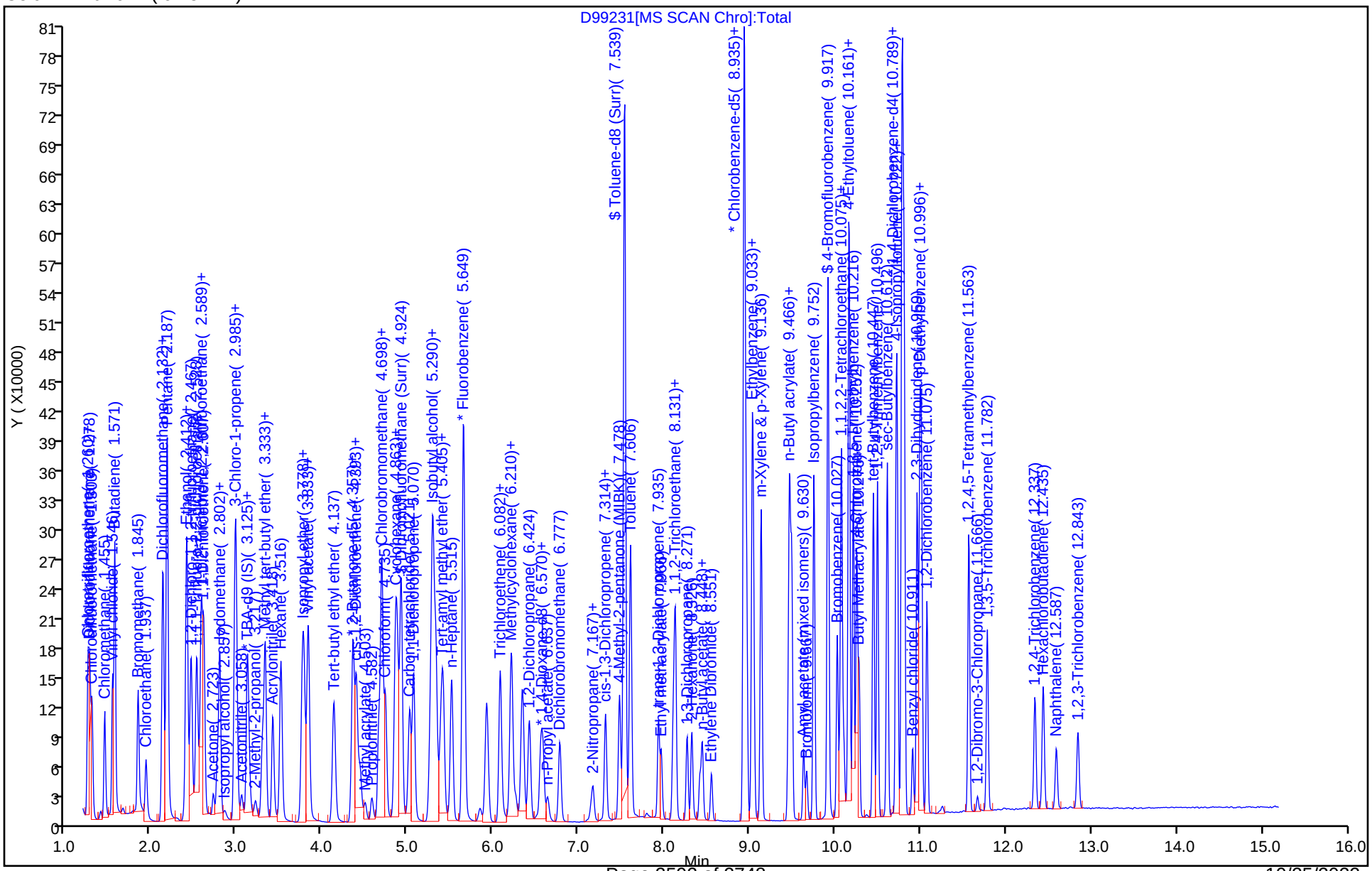
Lims ID: 460-267458-C-2-B MS Worklist Smp#: 31

Client ID: L3-PP-SB-1_6-8_20221013

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 30

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99231.D
Lims ID: 460-267458-C-2-B MS
Client ID: L3-PP-SB-1_6-8_20221013
Sample Type: MS
Inject. Date: 17-Oct-2022 17:27:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-2-B MS
Misc. Info.: 460-0151823-031
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:30:32 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:46:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.3	98.59
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	43.1	86.21
$ 82 Toluene-d8 (Surr)	50.0	52.2	104.47
$ 104 4-Bromofluorobenzene	50.0	50.7	101.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_5-6_20221013 MS | Lab Sample ID: 460-267521-3 MS

Matrix: Solid | Lab File ID: O83025.d

Analysis Method: 8260D | Date Collected: 10/13/2022 17:00

Sample wt/vol: 4.42(g) | Date Analyzed: 10/21/2022 07:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: 9.9 % Solids: 90.1 | Level: (low/med) Medium

Analysis Batch No.: 873205 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.13		0.13	0.037
79-34-5	1,1,2,2-Tetrachloroethane	2.48		0.13	0.026
79-00-5	1,1,2-Trichloroethane	2.35		0.13	0.027
75-34-3	1,1-Dichloroethane	2.56		0.13	0.031
75-35-4	1,1-Dichloroethene	2.60		0.13	0.035
107-06-2	1,2-Dichloroethane	2.30		0.13	0.033
78-87-5	1,2-Dichloropropane	2.48		0.13	0.024
75-27-4	Bromodichloromethane	2.18		0.13	0.020
56-23-5	Carbon tetrachloride	2.17		0.13	0.043
108-90-7	Chlorobenzene	2.52		0.13	0.031
75-00-3	Chloroethane	0.778		0.13	0.048
67-66-3	Chloroform	2.39		0.13	0.029
74-87-3	Chloromethane	2.42		0.13	0.053
156-59-2	cis-1,2-Dichloroethene	2.47		0.13	0.034
10061-01-5	cis-1,3-Dichloropropene	2.34		0.13	0.029
124-48-1	Dibromochloromethane	2.09		0.13	0.029
75-09-2	Methylene Chloride	2.85		0.13	0.028
127-18-4	Tetrachloroethene	2.53		0.13	0.047
156-60-5	trans-1,2-Dichloroethene	2.21		0.13	0.024
10061-02-6	trans-1,3-Dichloropropene	2.49		0.13	0.029
79-01-6	Trichloroethene	23.9		0.13	0.029
75-01-4	Vinyl chloride	2.21		0.13	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		68-150
460-00-4	Bromofluorobenzene	97		70-150
1868-53-7	Dibromofluoromethane (Surr)	96		68-150
2037-26-5	Toluene-d8 (Surr)	97		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83025.d
Lims ID: 460-267521-B-3-B MS
Client ID: L3-PP-SB-2_5-6_20221013
Sample Type: MS
Inject. Date: 21-Oct-2022 07:01:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267521-b-3-a ms
Misc. Info.: 460-0152035-024
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:42:36 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:41:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.821	0.833	-0.012	88	12954	20.0	9.50	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	57304	20.0	14.5	
5 Chlorodifluoromethane	67	0.867	0.856	0.011	97	8523	20.0	13.1	
6 Chloromethane	50	0.958	0.947	0.011	99	55684	20.0	18.5	
7 Vinyl chloride	62	0.981	0.981	0.000	98	46191	20.0	16.9	
8 Butadiene	54	0.993	0.993	0.000	92	40498	20.0	19.3	
9 Bromomethane	94	1.130	1.141	-0.011	97	11573	20.0	5.12	
10 Chloroethane	64	1.175	1.187	-0.012	94	11391	20.0	5.94	
11 Dichlorofluoromethane	67	1.278	1.290	-0.012	98	26695	20.0	5.35	
12 Trichlorofluoromethane	101	1.290	1.313	-0.023	95	14815	20.0	3.83	
13 Pentane	57	1.335	1.358	-0.023	96	23558	40.0	49.4	
14 Ethanol	46	1.461	1.415	0.046	63	3542	800.0	327.1	
15 Ethyl ether	59	1.472	1.461	0.011	94	26357	20.0	16.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.461	1.472	-0.011	91	38063	20.0	16.6	
17 2-Methyl-1,3-butadiene	53	1.461	1.472	-0.011	83	39198	20.0	19.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	95	50859	20.0	15.5	
19 Acrolein	56	1.529	1.529	0.000	83	5172	40.0	21.0	
20 1,1-Dichloroethene	96	1.575	1.587	-0.012	97	44910	20.0	19.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.575	1.587	-0.012	94	38590	20.0	16.7	
22 Acetone	58	1.621	1.609	0.012	87	14412	100.0	120.7	
23 Iodomethane	142	1.655	1.666	-0.011	98	59622	20.0	12.9	
25 Carbon disulfide	76	1.689	1.701	-0.012	99	159319	20.0	18.5	
24 Isopropyl alcohol	45	1.735	1.701	0.034	66	10863	200.0	138.8	
26 Acetonitrile	38	1.780	1.781	-0.001	77	13000	200.0	152.0	
27 3-Chloro-1-propene	76	1.780	1.781	-0.001	91	28889	20.0	17.6	
28 Methyl acetate	43	1.803	1.803	0.000	98	26764	40.0	43.1	
29 Cyclopentene	67	1.826	1.838	-0.012	93	86647	20.0	19.2	
30 Methylene Chloride	84	1.849	1.861	-0.012	85	68705	20.0	21.7	
* 31 TBA-d9 (IS)	65	1.906	1.883	0.023	99	123360	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.963	1.929	0.034	98	30240	200.0	205.4	
33 Acrylonitrile	53	2.009	1.998	0.011	95	121614	200.0	219.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	93	43505	20.0	16.9	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	97	107471	20.0	17.0	
36 Hexane	57	2.203	2.214	-0.011	90	63063	20.0	30.4	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	99	88671	20.0	19.5	
38 Vinyl acetate	86	2.340	2.340	0.000	100	14717	40.0	35.6	
39 Isopropyl ether	45	2.363	2.351	0.012	87	134642	20.0	19.2	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	89	46746	20.0	18.0	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	90	139512	20.0	18.3	
* 43 2-Butanone-d5	46	2.682	2.671	0.011	95	133029	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	83	15806	20.0	16.4	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	96	52473	20.0	18.8	
46 2-Butanone (MEK)	72	2.728	2.717	0.011	98	18575	100.0	98.5	
42 Propionitrile	54	2.762	2.751	0.011	94	43792	200.0	187.8	
47 Ethyl acetate	70	2.785	2.774	0.011	100	7135	40.0	39.2	
48 Methyl acrylate	55	2.808	2.808	0.000	98	29936	20.0	19.8	
50 Methacrylonitrile	67	2.877	2.865	0.011	87	106296	200.0	179.1	
49 Chlorobromomethane	128	2.877	2.877	-0.001	70	30055	20.0	21.8	
51 Tetrahydrofuran	42	2.934	2.922	0.012	75	11735	40.0	34.3	
52 Chloroform	83	2.945	2.945	0.000	99	83689	20.0	18.3	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	113775	47.9	46.0	
54 1,1,1-Trichloroethane	97	3.082	3.094	-0.012	98	71136	20.0	16.3	
55 Cyclohexane	84	3.128	3.139	-0.011	87	61815	20.0	18.6	
56 Carbon tetrachloride	117	3.219	3.231	-0.012	97	53615	20.0	16.6	
57 1,1-Dichloropropene	75	3.230	3.231	-0.001	96	69199	20.0	18.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	124252	47.9	47.0	
61 Isobutyl alcohol	43	3.413	3.379	0.034	49	10481	500.0	188.1	
59 Benzene	78	3.402	3.402	0.000	95	225018	20.0	19.6	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	58082	20.0	17.5	
62 Isooctane	57	3.493	3.505	-0.012	95	87672	20.0	20.4	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	14385	20.0	21.2	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	92	149697	20.0	20.3	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	572300	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	87	44192	20.0	31.0	
67 Trichloroethene	95	4.007	4.007	0.000	98	534929	20.0	182.6	
68 n-Butanol	56	4.030	4.053	-0.023	22	4724	500.0	119.6	
69 Ethyl acrylate	55	4.189	4.190	-0.001	97	82839	20.0	18.9	
70 Methylcyclohexane	83	4.189	4.201	-0.012	91	56019	20.0	19.0	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	49616	20.0	19.0	
* 72 1,4-Dioxane-d8	96	4.406	4.327	0.079	0	31865	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	94	27147	20.0	18.1	
74 1,4-Dioxane	88	4.463	4.384	0.079	88	14199	400.0	416.8	a
75 Methyl methacrylate	100	4.406	4.407	-0.001	87	25470	40.0	40.6	
76 n-Propyl acetate	43	4.498	4.486	0.012	96	43404	20.0	18.0	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	56572	20.0	16.6	
78 2-Nitropropane	41	4.783	4.772	0.011	97	12194	40.0	40.6	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	89	29247	20.0	19.8	
80 Epichlorohydrin	57	4.943	4.932	0.011	98	79896	400.0	430.1	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	78583	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.251	5.240	0.011	94	168378	100.0	107.6	
$ 83 Toluene-d8 (Surr)	98	5.331	5.343	-0.012	99	532591	47.9	46.3	
84 Toluene	91	5.411	5.423	-0.012	93	259793	20.0	20.4	
85 trans-1,3-Dichloropropene	75	5.731	5.719	0.012	96	70241	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
86 Ethyl methacrylate	69	5.913	5.914	-0.001	87	58376	20.0	20.2	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	93	35236	20.0	17.9	
88 Tetrachloroethene	166	6.096	6.096	0.000	93	47567	20.0	19.3	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	92	80508	20.0	19.5	
90 2-Hexanone	43	6.347	6.325	0.022	94	108514	100.0	104.0	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	39925	20.0	15.9	
93 Ethylene Dibromide	107	6.541	6.541	0.000	100	46098	20.0	18.2	
92 n-Butyl acetate	43	6.576	6.564	0.012	97	52810	20.0	18.9	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	85	445393	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	96	162265	20.0	19.3	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	94	44593	20.0	18.0	
97 Ethylbenzene	106	7.466	7.466	0.000	98	83836	20.0	20.2	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	98961	20.0	19.9	
99 o-Xylene	106	8.220	8.220	0.000	94	99394	20.0	19.3	
100 Styrene	104	8.254	8.254	0.000	96	162695	20.0	20.1	
101 n-Butyl acrylate	73	8.345	8.334	0.011	97	27977	20.0	17.0	
102 Bromoform	173	8.471	8.460	0.011	92	21241	20.0	17.2	
103 Amyl acetate (mixed isomers)	43	8.733	8.722	0.011	92	54899	20.0	18.0	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	203698	20.0	19.2	
$ 105 4-Bromofluorobenzene	174	9.019	9.008	0.011	85	131191	47.9	46.7	
106 Bromobenzene	156	9.201	9.190	0.011	98	62398	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	96	55807	20.0	18.9	
108 1,2,3-Trichloropropane	75	9.338	9.339	-0.001	98	44071	20.0	19.1	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	88	16982	20.0	15.8	
110 N-Propylbenzene	91	9.475	9.476	-0.001	99	203766	20.0	19.5	
111 2-Chlorotoluene	91	9.544	9.544	0.000	97	179271	20.0	19.8	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	178445	20.0	18.7	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	138219	20.0	18.7	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	92	158401	20.0	19.3	
115 Butyl Methacrylate	87	10.103	10.092	0.011	89	52293	20.0	18.8	
116 tert-Butylbenzene	119	10.297	10.298	-0.001	95	116505	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	164155	20.0	19.3	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	149401	20.0	18.5	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	94	95030	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	211328	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	101646	20.0	18.6	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	129902	20.0	18.6	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	179797	20.0	19.7	
124 Benzyl chloride	126	11.177	11.177	0.000	98	13893	20.0	13.3	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	186736	20.0	19.3	
126 1,2-Dichlorobenzene	146	11.439	11.428	0.011	95	97478	20.0	19.3	
127 p-Diethylbenzene	119	11.496	11.496	0.000	95	74323	20.0	18.3	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	63458	20.0	19.7	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	96	8401	20.0	17.4	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	155207	20.0	21.6	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	96	48239	20.0	20.9	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	42112	20.0	19.8	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	15619	20.0	21.9	
134 Naphthalene	128	12.946	12.946	0.000	99	150952	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	95	38747	20.0	20.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	35.7	
S 138 Xylenes, Total	100				0		40.0	39.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	99.4	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

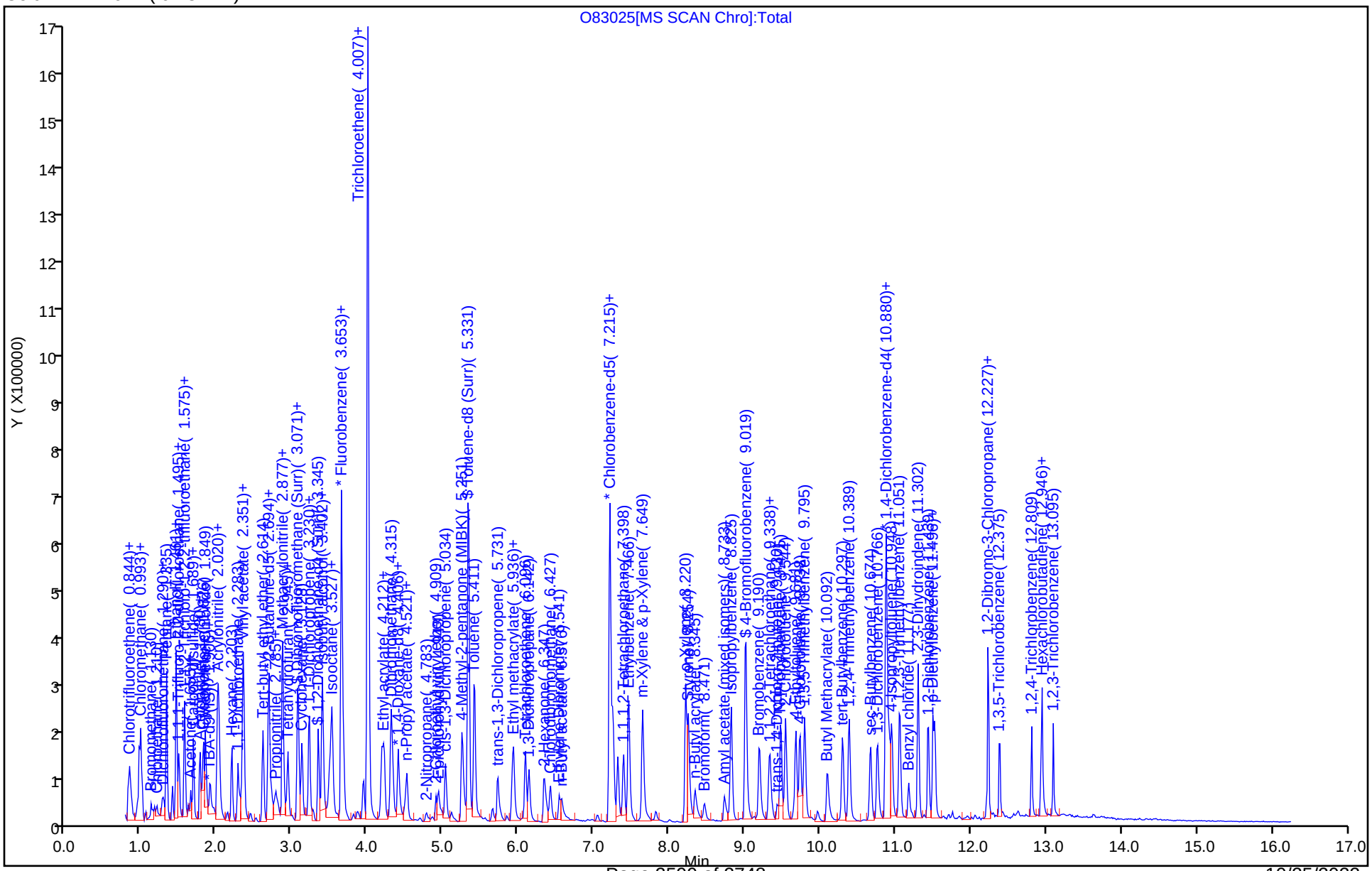
Report Date: 21-Oct-2022 14:45:33 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83025.d

Injection Date:	21-Oct-2022 07:01:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-267521-B-3-B MS			Worklist Smp#:	24
Client ID:	L3-PP-SB-2_5-6_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	23
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83025.d
Lims ID: 460-267521-B-3-B MS
Client ID: L3-PP-SB-2_5-6_20221013
Sample Type: MS
Inject. Date: 21-Oct-2022 07:01:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267521-b-3-a ms
Misc. Info.: 460-0152035-024
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:42:36 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 21-Oct-2022 10:41:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	2395.4	46.0	95.93
$ 58 1,2-Dichloroethane-d4 (Surr)	2395.4	47.0	98.04
$ 83 Toluene-d8 (Surr)	2395.4	46.3	96.71
$ 105 4-Bromofluorobenzene	2395.4	46.7	97.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-267283-C-5 MS

Matrix: Water | Lab File ID: O82722.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/14/2022 09:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.20
75-34-3	1,1-Dichloroethane	18.8		1.0	0.26
75-35-4	1,1-Dichloroethene	19.2		1.0	0.26
107-06-2	1,2-Dichloroethane	18.1		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
75-27-4	Bromodichloromethane	19.0		1.0	0.34
56-23-5	Carbon tetrachloride	18.7		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
75-00-3	Chloroethane	22.4		1.0	0.32
67-66-3	Chloroform	19.3		1.0	0.33
74-87-3	Chloromethane	21.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.5		1.0	0.22
124-48-1	Dibromochloromethane	18.8		1.0	0.28
75-09-2	Methylene Chloride	20.7		1.0	0.32
127-18-4	Tetrachloroethene	20.4		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.22
79-01-6	Trichloroethene	18.7		1.0	0.31
75-01-4	Vinyl chloride	19.8		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82722.d
Lims ID: 460-267283-C-5 MS
Client ID: GT-111
Sample Type: MS
Inject. Date: 14-Oct-2022 09:32:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267283-C-5 MS
Misc. Info.: 460-0151704-029
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 10:03:40 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 10:05:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	85	16925	20.0	18.6	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	99	59768	20.0	18.8	
5 Chlorodifluoromethane	67	0.856	0.879	-0.023	97	9524	20.0	16.3	
6 Chloromethane	50	0.959	0.958	0.001	98	56436	20.0	21.2	
7 Vinyl chloride	62	0.981	0.981	0.000	98	55564	20.0	19.8	
8 Butadiene	54	0.993	0.993	0.000	95	46727	20.0	19.0	
9 Bromomethane	94	1.141	1.141	0.000	99	48029	20.0	23.6	
10 Chloroethane	64	1.187	1.187	0.000	99	41136	20.0	22.4	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	98	107017	20.0	21.9	
12 Trichlorofluoromethane	101	1.313	1.312	0.001	97	93170	20.0	21.2	
13 Pentane	57	1.358	1.358	0.000	97	17086	40.0	37.3	
14 Ethanol	46	1.415	1.415	0.000	59	7906	800.0	863.9	
15 Ethyl ether	59	1.461	1.461	0.000	90	30402	20.0	18.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	88	38745	20.0	15.5	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	36930	20.0	18.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.506	0.001	94	51820	20.0	15.2	
19 Acrolein	56	1.529	1.529	0.000	92	3616	40.0	25.2	
20 1,1-Dichloroethene	96	1.587	1.586	0.001	94	44793	20.0	19.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.586	0.001	95	46185	20.0	20.1	
22 Acetone	58	1.609	1.609	0.000	89	10324	100.0	88.8	
23 Iodomethane	142	1.666	1.666	0.000	98	90196	20.0	22.3	
25 Carbon disulfide	76	1.701	1.701	0.000	99	160720	20.0	20.8	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	10005	200.0	159.8	
26 Acetonitrile	38	1.781	1.780	0.001	88	14734	200.0	226.9	
27 3-Chloro-1-propene	76	1.781	1.780	0.001	92	30972	20.0	19.2	
28 Methyl acetate	43	1.803	1.803	0.000	95	20208	40.0	32.8	
29 Cyclopentene	67	1.838	1.838	0.000	95	90712	20.0	16.7	
30 Methylene Chloride	84	1.861	1.860	0.001	84	59933	20.0	20.7	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	102933	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	23265	200.0	189.0	
33 Acrylonitrile	53	1.998	1.997	0.001	94	93639	200.0	163.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	89	49475	20.0	18.8	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	96	120886	20.0	19.1	
36 Hexane	57	2.214	2.214	0.000	89	34289	20.0	19.8	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	99	82762	20.0	18.8	
38 Vinyl acetate	86	2.340	2.340	0.000	100	14869	40.0	114.7	
39 Isopropyl ether	45	2.351	2.351	0.000	83	123649	20.0	18.5	
40 2-Chloro-1,3-butadiene	88	2.351	2.363	-0.012	89	51685	20.0	21.0	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	91	135994	20.0	18.9	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	115871	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	96	15861	20.0	21.7	
45 cis-1,2-Dichloroethene	96	2.694	2.705	-0.011	97	55093	20.0	18.9	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	17744	100.0	106.2	
42 Propionitrile	54	2.751	2.751	0.000	96	36919	200.0	223.3	
47 Ethyl acetate	70	2.785	2.785	0.000	99	6884	40.0	42.7	
48 Methyl acrylate	55	2.808	2.808	0.000	99	26974	20.0	16.9	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	121201	200.0	176.1	
49 Chlorobromomethane	128	2.877	2.876	0.001	67	30939	20.0	20.1	
51 Tetrahydrofuran	42	2.922	2.922	0.000	36	11914	40.0	35.2	
52 Chloroform	83	2.945	2.945	0.000	99	86674	20.0	19.3	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	119593	50.0	47.7	
54 1,1,1-Trichloroethane	97	3.094	3.093	0.001	98	80281	20.0	19.1	
55 Cyclohexane	84	3.139	3.139	0.000	85	63297	20.0	20.4	
56 Carbon tetrachloride	117	3.231	3.230	0.001	96	65320	20.0	18.7	
57 1,1-Dichloropropene	75	3.231	3.230	0.001	96	71215	20.0	21.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	116397	50.0	46.5	
61 Isobutyl alcohol	43	3.379	3.379	0.000	99	19338	500.0	460.6	
59 Benzene	78	3.402	3.402	0.000	95	214285	20.0	20.3	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	59967	20.0	18.1	
62 Isooctane	57	3.505	3.504	0.001	95	66639	20.0	18.1	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	12141	20.0	17.1	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	94	135918	20.0	18.7	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	495323	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	83	21630	20.0	18.2	
67 Trichloroethene	95	4.007	4.018	-0.011	95	56558	20.0	18.7	
68 n-Butanol	56	4.053	4.041	0.012	66	11194	500.0	357.3	
69 Ethyl acrylate	55	4.190	4.189	0.001	98	74660	20.0	18.4	
70 Methylcyclohexane	83	4.201	4.201	0.000	93	55823	20.0	21.2	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	90	49199	20.0	19.7	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	25555	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	30450	20.0	19.0	
74 1,4-Dioxane	88	4.395	4.395	0.000	82	12432	400.0	452.2	
75 Methyl methacrylate	100	4.407	4.406	0.000	79	26069	40.0	41.1	
76 n-Propyl acetate	43	4.498	4.486	0.012	96	39119	20.0	17.7	
77 Dichlorobromomethane	83	4.521	4.521	0.001	98	63593	20.0	19.0	
78 2-Nitropropane	41	4.772	4.783	-0.011	97	10283	40.0	21.4	
80 Epichlorohydrin	57	4.943	4.943	0.000	98	29339	400.0	205.0	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	77845	20.0	18.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	95	151941	100.0	113.0	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	524755	50.0	50.1	
84 Toluene	91	5.423	5.422	0.001	92	251241	20.0	20.8	
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	96	68999	20.0	19.0	
86 Ethyl methacrylate	69	5.914	5.913	0.001	85	58559	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	93	36970	20.0	18.8	
88 Tetrachloroethene	166	6.096	6.096	0.000	97	56881	20.0	20.4	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	91	79938	20.0	19.8	
90 2-Hexanone	43	6.325	6.324	0.001	94	98134	100.0	103.0	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	49722	20.0	18.8	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	50211	20.0	19.5	
92 n-Butyl acetate	43	6.576	6.564	0.012	96	47207	20.0	16.8	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	416187	50.0	50.0	
95 Chlorobenzene	112	7.261	7.261	0.000	98	168339	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	50278	20.0	18.1	
97 Ethylbenzene	106	7.466	7.466	0.000	97	84600	20.0	21.0	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	100	101248	20.0	20.1	
99 o-Xylene	106	8.220	8.220	0.000	94	101417	20.0	19.9	
100 Styrene	104	8.254	8.254	0.000	98	166695	20.0	19.9	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	29241	20.0	16.5	
102 Bromoform	173	8.471	8.471	0.000	95	26462	20.0	15.5	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	51417	20.0	16.2	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	210239	20.0	19.7	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	91	163360	50.0	50.7	
106 Bromobenzene	156	9.190	9.201	-0.011	96	69843	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	57852	20.0	22.2	
108 1,2,3-Trichloropropane	75	9.339	9.338	0.001	97	42701	20.0	18.7	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	90	14938	20.0	15.6	
110 N-Propylbenzene	91	9.476	9.475	0.001	100	208069	20.0	21.2	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	160672	20.0	19.3	
112 4-Ethyltoluene	105	9.681	9.681	0.000	98	183525	20.0	19.4	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	135713	20.0	19.5	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	162111	20.0	20.2	
115 Butyl Methacrylate	87	10.092	10.092	0.000	87	53721	20.0	18.3	
116 tert-Butylbenzene	119	10.298	10.297	0.001	95	124255	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	169190	20.0	20.4	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	153420	20.0	19.0	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	97	109256	20.0	20.1	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	219351	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	114343	20.0	19.5	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	135970	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	11.051	11.062	-0.011	98	182655	20.0	19.8	
124 Benzyl chloride	126	11.177	11.177	0.000	99	13066	20.0	15.8	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	198126	20.0	19.7	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	96	112258	20.0	20.5	
127 p-Diethylbenzene	119	11.496	11.496	0.000	95	73131	20.0	19.9	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	58827	20.0	20.3	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	95	10461	20.0	16.4	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	148020	20.0	20.0	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	52037	20.0	18.9	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	48258	20.0	19.3	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	95	15687	20.0	18.0	
134 Naphthalene	128	12.946	12.946	0.000	99	228587	20.0	32.2	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	43977	20.0	19.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 138 Xylenes, Total	100				0		40.0	40.0	
S 139 Total BTEX	1				0		100.0	102.1	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00497	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00231	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2022 10:05:06 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82722.d

Injection Date: 14-Oct-2022 09:32:30 Instrument ID: CVOAMS12 Operator ID:

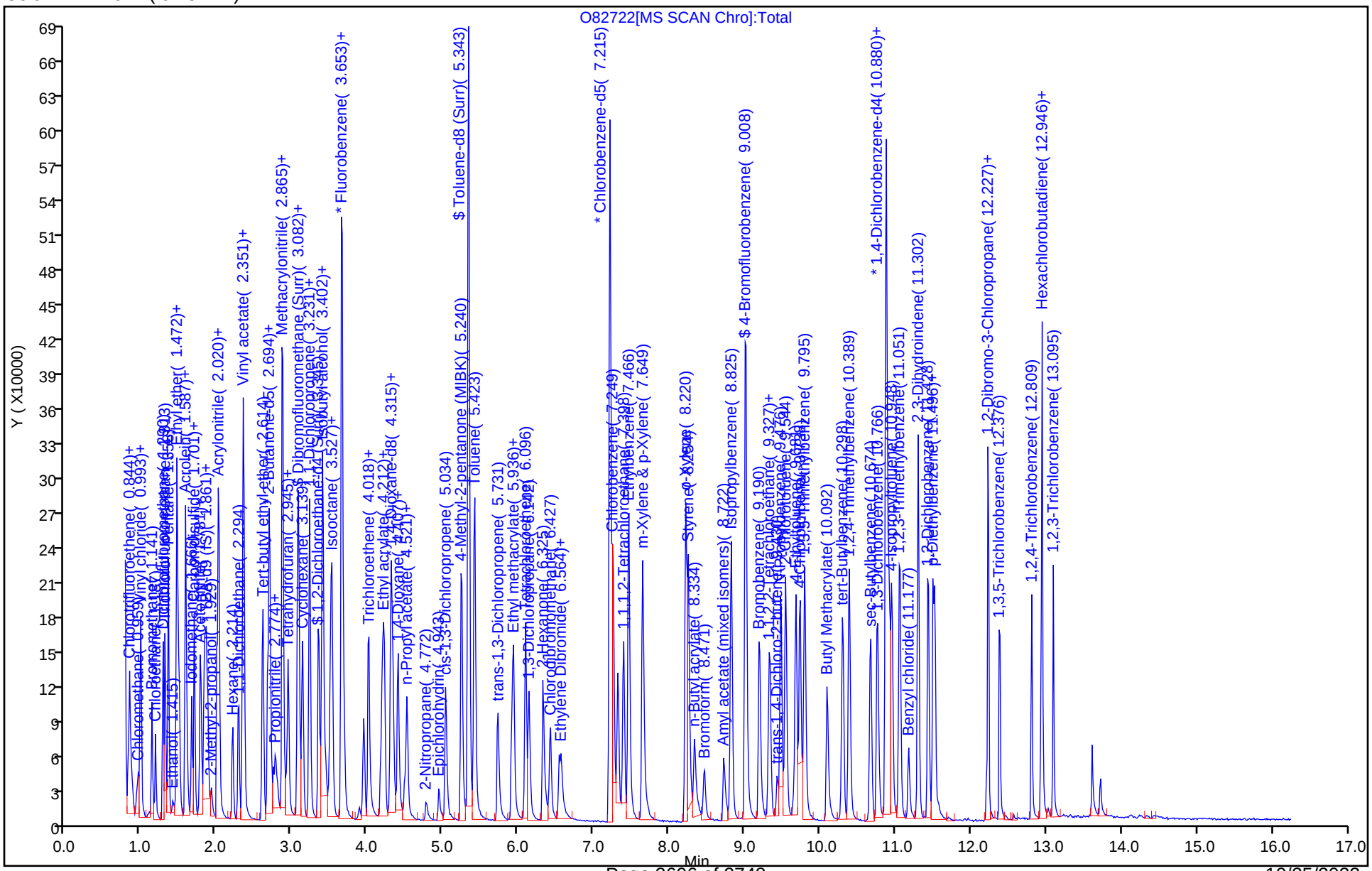
Lims ID: 460-267283-C-5 MS Worklist Smp#: 29

Client ID: GT-111

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 28

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82722.d
Lims ID: 460-267283-C-5 MS
Client ID: GT-111
Sample Type: MS
Inject. Date: 14-Oct-2022 09:32:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267283-C-5 MS
Misc. Info.: 460-0151704-029
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 10:03:40 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 10:05:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	47.7	95.34
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	46.5	93.03
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.30
$ 105 4-Bromofluorobenzene	50.0	50.7	101.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-267472-A-3 MS

Matrix: Water | Lab File ID: V26602.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 02:37

Soil Aliquot Vol: | Dilution Factor: 2

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872260 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	42.8		2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	35.0		2.0	0.73
79-00-5	1,1,2-Trichloroethane	35.7		2.0	0.41
75-34-3	1,1-Dichloroethane	53.5		2.0	0.53
75-35-4	1,1-Dichloroethene	41.4		2.0	0.53
107-06-2	1,2-Dichloroethane	41.6		2.0	0.86
78-87-5	1,2-Dichloropropane	37.1		2.0	0.71
75-27-4	Bromodichloromethane	40.0		2.0	0.69
56-23-5	Carbon tetrachloride	45.3		2.0	0.42
108-90-7	Chlorobenzene	71.0		2.0	0.75
75-00-3	Chloroethane	34.2		2.0	0.64
67-66-3	Chloroform	42.0		2.0	0.65
74-87-3	Chloromethane	31.0		2.0	0.80
156-59-2	cis-1,2-Dichloroethene	41.9		2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	35.3		2.0	0.44
124-48-1	Dibromochloromethane	39.2		2.0	0.56
75-09-2	Methylene Chloride	42.4		2.0	0.63
127-18-4	Tetrachloroethene	43.5		2.0	0.50
156-60-5	trans-1,2-Dichloroethene	41.4		2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	33.3		2.0	0.45
79-01-6	Trichloroethene	41.1		2.0	0.63
75-01-4	Vinyl chloride	34.8		2.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26602.D
Lims ID: 460-267472-A-3 MS
Client ID: P-6-US-EXTR
Sample Type: MS
Inject. Date: 17-Oct-2022 02:37:30 ALS Bottle#: 79 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-267472-A-3 MS
Misc. Info.: 460-0151813-027
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:41:30 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1657

First Level Reviewer: K0HS Date: 17-Oct-2022 11:41:30

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.183	1.183	0.000	65	3861	20.0	7.74	
3	Chlorotrifluoroethene	116	1.252	1.263	-0.011	59	27377	20.0	18.1	
4	1,1-Difluoroethane	65	1.275	1.286	-0.011	74	60444	20.0	16.4	
5	Dichlorodifluoromethane	85	1.275	1.286	-0.011	99	133265	20.0	19.5	
2	Chlorodifluoromethane	67	1.298	1.320	-0.022	97	26245	20.0	21.1	
6	Chloromethane	50	1.423	1.435	-0.012	100	170804	20.0	15.5	
7	Vinyl chloride	62	1.480	1.480	0.000	99	134691	20.0	17.4	
8	Butadiene	54	1.492	1.503	-0.011	93	152717	20.0	16.6	
9	Bromomethane	94	1.698	1.697	0.001	99	39838	20.0	14.9	
10	Chloroethane	64	1.755	1.766	-0.011	98	83931	20.0	17.1	
11	Dichlorofluoromethane	67	1.880	1.880	0.000	99	1180662	20.0	100.5	
12	Trichlorofluoromethane	101	1.892	1.892	0.000	99	188370	20.0	24.5	
13	Pentane	72	1.926	1.926	0.000	97	51002	40.0	37.9	
17	Ethanol	46	2.029	2.029	0.000	96	7669	800.0	344.0	
14	Ethyl ether	74	2.063	2.075	-0.012	93	139218	20.0	33.3	
15	2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	96	153402	20.0	18.8	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.098	2.097	0.001	97	98151	20.0	23.2	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.132	2.143	-0.011	98	175784	20.0	22.0	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.201	2.200	0.000	95	109848	20.0	22.9	
52	Acrolein	56	2.201	2.212	-0.012	47	31437	40.0	25.0	
20	1,1-Dichloroethene	96	2.235	2.235	0.000	92	99660	20.0	20.7	
23	Acetone	43	2.292	2.292	0.000	84	239805	100.0	151.4	
24	Isopropyl alcohol	45	2.361	2.360	0.001	94	55496	200.0	178.0	
21	Iodomethane	142	2.361	2.360	0.001	99	28351	20.0	7.57	
22	Carbon disulfide	76	2.395	2.395	0.000	100	400105	20.0	21.2	
30	Methyl acetate	43	2.486	2.486	0.000	86	268601	40.0	34.6	
26	3-Chloro-1-propene	76	2.475	2.486	-0.011	89	78675	20.0	17.9	
25	Cyclopentene	67	2.498	2.509	-0.011	91	363912	20.0	19.5	
27	Acetonitrile	41	2.532	2.532	0.000	96	175203	200.0	255.4	a
* 28	TBA-d9 (IS)	66	2.555	2.566	-0.011	98	35172	1000.0	1000.0	
29	Methylene Chloride	84	2.589	2.589	0.000	96	120542	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 2-Methyl-2-propanol	59	2.612	2.623	-0.011	99	109934	200.0	200.6	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	96	371068	20.0	19.0	
33 trans-1,2-Dichloroethene	96	2.738	2.749	-0.011	96	115628	20.0	20.7	
35 Acrylonitrile	53	2.795	2.795	0.000	95	677412	200.0	196.3	
36 Hexane	57	2.863	2.863	0.000	95	210855	20.0	18.6	
37 Isopropyl ether	45	3.023	3.035	-0.012	97	570336	20.0	18.8	
38 1,1-Dichloroethane	63	3.069	3.080	-0.011	98	359330	20.0	26.8	
40 Vinyl acetate	86	3.081	3.080	0.001	100	47490	40.0	47.6	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	95	108019	20.0	20.7	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	88	432885	20.0	18.7	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	96	400510	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	94	30829	20.0	16.3	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	86	121564	20.0	21.0	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	95	77494	100.0	116.1	
47 Ethyl acetate	70	3.538	3.538	0.000	93	27223	40.0	42.7	
46 Methyl acrylate	55	3.595	3.595	0.000	99	130691	20.0	18.2	
48 Propionitrile	54	3.652	3.663	-0.011	97	223479	200.0	177.4	
50 Tetrahydrofuran	72	3.732	3.743	-0.011	94	249689	40.0	245.5	
49 Chlorobromomethane	128	3.744	3.743	0.001	91	52937	20.0	24.5	
54 Methacrylonitrile	67	3.744	3.755	-0.011	97	627585	200.0	191.8	
51 Chloroform	83	3.789	3.789	0.000	96	215748	20.0	21.0	
53 Cyclohexane	84	3.904	3.915	-0.011	97	364711	20.0	38.4	
55 1,1,1-Trichloroethane	97	3.915	3.926	-0.011	96	183164	20.0	21.4	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	95	150534	50.0	53.3	
57 Carbon tetrachloride	117	4.041	4.041	0.001	97	153804	20.0	22.7	
58 1,1-Dichloropropene	75	4.064	4.063	0.001	88	187458	20.0	20.5	
61 Isobutyl alcohol	43	4.189	4.189	0.000	87	282354	500.0	548.7	
64 Isooctane	57	4.212	4.212	0.000	96	382596	20.0	16.7	
59 Benzene	78	4.246	4.246	0.000	98	12895042	20.0	448.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	98	216364	50.0	47.6	
66 Isopropyl acetate	87	4.304	4.303	0.001	94	104336	20.0	18.9	
62 Tert-amyl methyl ether	73	4.304	4.303	0.001	78	399519	20.0	19.7	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	96	188574	20.0	20.8	
65 n-Heptane	57	4.395	4.395	0.000	98	89716	20.0	17.5	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	606056	50.0	50.0	
70 n-Butanol	56	4.875	4.875	0.000	43	27800	500.0	271.8	
69 Trichloroethene	95	4.886	4.886	0.000	96	116721	20.0	20.6	
72 Methylcyclohexane	83	5.001	5.001	0.000	87	448804	20.0	45.2	
71 Ethyl acrylate	99	5.001	5.001	0.000	91	26484	20.0	31.2	a
73 1,2-Dichloropropane	63	5.172	5.172	0.000	88	145544	20.0	18.6	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	44	18272	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	63596	40.0	41.3	
78 1,4-Dioxane	88	5.298	5.298	0.000	31	35996	400.0	809.3	
77 n-Propyl acetate	43	5.309	5.309	0.000	97	232114	20.0	15.7	
75 Dibromomethane	93	5.309	5.321	-0.012	47	69416	20.0	20.1	
76 Dichlorobromomethane	83	5.469	5.469	0.000	97	153549	20.0	20.0	
34 2-Nitropropane	41	5.812	5.812	0.000	99	94889	40.0	33.9	
80 Epichlorohydrin	57	5.938	5.938	0.000	99	142068	400.0	233.9	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	98	199054	20.0	17.6	
84 4-Methyl-2-pentanone (MIBK)	43	6.155	6.166	-0.011	99	816605	100.0	117.4	
$ 82 Toluene-d8 (Surr)	98	6.247	6.246	0.001	98	697733	50.0	46.3	
83 Toluene	91	6.327	6.338	-0.011	92	580474	20.0	21.6	

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	6.738	6.738	0.000	95	171418	20.0	16.6	
86 Ethyl methacrylate	69	6.761	6.761	0.000	94	142250	20.0	16.8	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.001	92	87478	20.0	17.9	
88 Tetrachloroethene	166	7.001	7.012	-0.011	93	102903	20.0	21.8	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	95	189547	20.0	17.9	
91 2-Hexanone	43	7.264	7.275	-0.011	99	503611	100.0	109.7	
92 n-Butyl acetate	43	7.412	7.412	0.000	96	232332	20.0	13.8	
90 Chlorodibromomethane	129	7.458	7.458	0.000	97	95349	20.0	19.6	
93 Ethylene Dibromide	107	7.618	7.618	0.000	96	95979	20.0	19.7	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	91	396838	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	90	517340	20.0	35.5	
97 Ethylbenzene	106	8.293	8.304	-0.011	99	1923909	20.0	237.5	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	91	95332	20.0	20.6	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	206927	20.0	21.1	
100 o-Xylene	106	8.875	8.875	0.000	92	1310779	20.0	139.4	
99 n-Butyl acrylate	73	8.875	8.887	-0.012	95	90418	20.0	17.6	
101 Styrene	104	8.910	8.910	0.000	96	314967	20.0	21.2	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	88	246392	20.0	13.6	
103 Bromoform	173	9.127	9.127	0.000	93	60733	20.0	20.2	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	867219	20.0	36.3	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	163751	50.0	54.4	
107 Bromobenzene	156	9.573	9.572	0.001	93	109328	20.0	21.3	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	97	137532	20.0	17.5	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	1163176	20.0	37.4	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	39465	20.0	19.0	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	87	42577	20.0	13.8	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	421493	20.0	19.8	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	532486	20.0	21.8	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.001	93	388119	20.0	19.3	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	385130	20.0	19.4	
117 Butyl Methacrylate	87	9.916	9.915	0.001	95	117051	20.0	15.5	
118 tert-Butylbenzene	119	10.087	10.087	0.000	91	320901	20.0	19.2	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	408205	20.0	20.1	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	485575	20.0	20.5	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	92	199151	20.0	20.9	
121 4-Isopropyltoluene	119	10.396	10.407	-0.011	97	393553	20.0	20.8	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	183890	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	90	207480	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	99	1113180	20.0	54.5	
125 Benzyl chloride	91	10.613	10.613	0.000	97	122998	20.0	8.40	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	606801	20.0	32.0	
126 p-Diethylbenzene	119	10.716	10.715	0.001	91	196298	20.0	19.8	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	193459	20.0	17.9	
128 1,2-Dichlorobenzene	146	10.796	10.795	0.001	93	232041	20.0	25.3	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	96	303005	20.0	18.8	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	87	23252	20.0	17.8	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	94	116015	20.0	19.8	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	92	107336	20.0	19.7	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	91	42447	20.0	19.3	
134 Naphthalene	128	12.179	12.178	0.001	99	259774	20.0	17.2	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	94	93613	20.0	20.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.7	

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	160.6	
S 138 1,3-Dichloropropene, Total	1				0		40.0	34.3	
S 139 Total BTEX	1				0		100.0	868.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL		
GASES Li_00498	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00160	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 17-Oct-2022 11:41:31 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26602.D

Injection Date: 17-Oct-2022 02:37:30 Instrument ID: CVOAMS7

Lims ID: 460-267472-A-3 MS

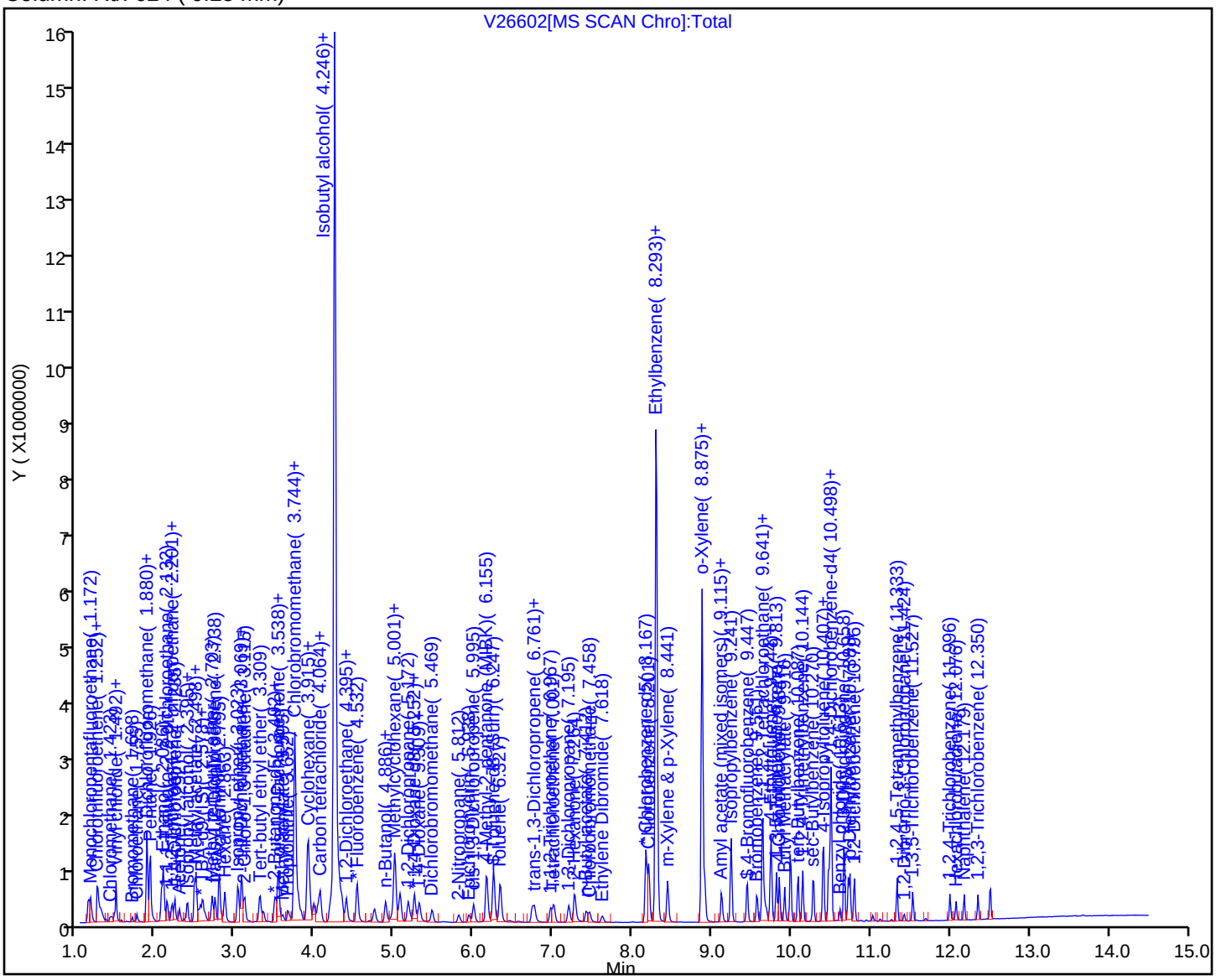
Client ID: P-6-US-EXTR

Operator ID: ALS Bottle#: 79 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 2.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26602.D
Lims ID: 460-267472-A-3 MS
Client ID: P-6-US-EXTR
Sample Type: MS
Inject. Date: 17-Oct-2022 02:37:30 ALS Bottle#: 79 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-267472-A-3 MS
Misc. Info.: 460-0151813-027
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 11:41:30 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1657

First Level Reviewer: K0HS Date: 17-Oct-2022 11:41:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.3	106.51
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.15
$ 82 Toluene-d8 (Surr)	50.0	46.3	92.57
$ 105 4-Bromofluorobenzene	50.0	54.4	108.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_15-16_20221012 MSD | Lab Sample ID: 460-267360-1 MSD

Matrix: Solid | Lab File ID: B93165.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:00

Sample wt/vol: 5.25(g) | Date Analyzed: 10/18/2022 05:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.2 % Solids: 91.8 | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0173		0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0138		0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0158		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0201		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0198		0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0193		0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0175		0.0010	0.00044
75-27-4	Bromodichloromethane	0.0164		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0158		0.0010	0.00040
108-90-7	Chlorobenzene	0.0111		0.0010	0.00018
75-00-3	Chloroethane	0.0234		0.0010	0.00054
67-66-3	Chloroform	0.0184		0.0010	0.0010
74-87-3	Chloromethane	0.0228		0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.0200		0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0161		0.0010	0.00028
124-48-1	Dibromochloromethane	0.0136		0.0010	0.00020
75-09-2	Methylene Chloride	0.0218		0.0021	0.0012
127-18-4	Tetrachloroethene	0.0250		0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0218		0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0150		0.0010	0.00028
79-01-6	Trichloroethene	0.0306		0.0010	0.00033
75-01-4	Vinyl chloride	0.0224		0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-145
460-00-4	Bromofluorobenzene	102		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93165.D
Lims ID: 460-267360-D-1-A MSD
Client ID: L2-RI-SB-10B_15-16_20221012
Sample Type: MSD
Inject. Date: 18-Oct-2022 05:32:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-1-C MSD
Misc. Info.: 460-0151860-027
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:33:02 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 06:29:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.672	0.697	-0.025	1	530	20.0	1.49	7
2 1,1-Difluoroethane	51	0.874	0.856	0.018	95	103857	20.0	12.0	
3 Dichlorodifluoromethane	85	0.880	0.880	0.000	73	77427	20.0	16.6	
4 Chlorodifluoromethane	67	0.886	0.886	0.000	96	9941	20.0	16.0	
5 Chloromethane	50	0.989	0.983	0.006	99	123347	20.0	22.0	
7 Vinyl chloride	62	1.044	1.045	-0.001	88	87936	20.0	21.6	
6 Butadiene	54	1.044	1.051	-0.007	95	89206	20.0	20.7	
8 Bromomethane	94	1.239	1.233	0.006	98	49066	20.0	22.3	
9 Chloroethane	64	1.270	1.270	0.000	98	45962	20.0	22.6	
10 Dichlorofluoromethane	67	1.404	1.404	0.000	98	119935	20.0	20.4	
12 Pentane	43	1.447	1.434	0.013	98	204663	40.0	32.6	
11 Trichlorofluoromethane	101	1.447	1.447	0.000	42	76716	20.0	19.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.599	1.558	0.041	94	43181	20.0	18.3	
13 Ethyl ether	59	1.575	1.569	0.006	80	56067	20.0	21.4	
15 2-Methyl-1,3-butadiene	53	1.587	1.581	0.006	97	63316	20.0	18.7	
14 Ethanol	46	1.642	1.593	0.049	63	15485	800.0	746.6	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.666	1.660	0.006	94	76298	20.0	17.7	Ma
18 Acrolein	56	1.660	1.660	0.000	97	60693	300.0	117.9	
19 1,1-Dichloroethene	96	1.721	1.721	0.000	94	48650	20.0	19.1	
21 Acetone	43	1.776	1.764	0.012	87	136141	100.0	139.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.764	1.776	-0.012	93	51147	20.0	19.2	
22 Iodomethane	142	1.819	1.813	0.006	97	93420	20.0	21.4	
23 Carbon disulfide	76	1.855	1.849	0.006	100	177555	20.0	17.6	
25 3-Chloro-1-propene	39	1.965	1.965	0.000	92	91746	20.0	18.4	
26 Methyl acetate	43	1.995	1.989	0.006	99	206305	40.0	73.8	
27 Acetonitrile	39	2.020	2.014	0.006	27	46681	200.0	132.7	a
28 Methylene Chloride	84	2.056	2.057	0.000	98	70282	20.0	21.0	
24 Isopropyl alcohol	45	1.916	2.154	-0.238	97	52934	200.0	147.6	a
* 29 TBA-d9 (IS)	65	2.160	2.160	0.000	0	496876	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.221	2.239	-0.018	91	126434	200.0	235.6	a
31 Acrylonitrile	53	2.251	2.246	0.005	96	247753	200.0	151.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.258	2.258	0.000	97	66960	20.0	21.0	
33 Methyl tert-butyl ether	73	2.294	2.294	0.000	97	220884	20.0	22.7	
34 Hexane	57	2.483	2.471	0.012	95	98468	20.0	16.0	
35 1,1-Dichloroethane	63	2.587	2.587	0.000	99	138974	20.0	19.4	
36 Vinyl acetate	86	2.666	2.648	0.018	59	2026	40.0	3.86	a
37 2-Chloro-1,3-butadiene	88	2.666	2.672	-0.006	92	53010	20.0	18.9	
38 Isopropyl ether	45	2.696	2.691	0.005	97	303965	20.0	20.4	
39 Tert-butyl ethyl ether	87	3.007	3.020	-0.013	88	85843	20.0	22.3	
* 40 2-Butanone-d5	46	3.099	3.099	0.000	0	482710	250.0	250.0	
42 2,2-Dichloropropane	79	3.105	3.105	0.000	53	26013	20.0	16.6	
41 cis-1,2-Dichloroethene	96	3.105	3.105	0.000	53	68414	20.0	19.2	
43 2-Butanone (MEK)	72	3.154	3.154	0.000	99	39189	100.0	105.2	
44 Propionitrile	54	3.209	3.209	0.000	97	100465	200.0	185.3	
45 Ethyl acetate	43	3.239	3.227	0.012	99	72551	40.0	17.4	
62 Methyl acrylate	55	3.251	3.245	0.006	99	117776	20.0	28.8	
46 Chlorobromomethane	128	3.324	3.318	0.006	94	30272	20.0	19.9	
47 Methacrylonitrile	67	3.343	3.343	0.000	95	257393	200.0	188.5	
48 Tetrahydrofuran	42	3.404	3.404	0.000	85	57417	40.0	43.4	
49 Chloroform	83	3.428	3.422	0.006	96	104364	20.0	17.8	
$ 50 Dibromofluoromethane (Surr)	113	3.587	3.581	0.006	96	175739	50.0	54.5	
51 1,1,1-Trichloroethane	97	3.599	3.593	0.006	57	72986	20.0	16.7	
52 Cyclohexane	84	3.641	3.635	0.006	97	82690	20.0	16.2	
53 Carbon tetrachloride	117	3.763	3.751	0.012	73	54447	20.0	15.2	
54 1,1-Dichloropropene	75	3.757	3.757	0.000	91	69751	20.0	15.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.922	3.922	0.000	0	214605	50.0	52.9	
56 Benzene	78	3.977	3.977	0.000	98	245467	20.0	16.7	
57 1,2-Dichloroethane	62	4.013	4.013	0.000	96	83674	20.0	18.6	
58 Isobutyl alcohol	42	4.044	4.025	0.019	89	46363	500.0	305.3	a
59 Tert-amyl methyl ether	73	4.166	4.166	0.000	83	230293	20.0	20.5	
73 Isopropyl acetate	61	4.178	4.166	0.012	89	19056	20.0	14.7	
* 60 Fluorobenzene	96	4.312	4.312	0.000	97	679181	50.0	50.0	
61 n-Heptane	43	4.349	4.342	0.007	97	105188	20.0	13.8	
63 Trichloroethene	95	4.751	4.745	0.006	96	93224	20.0	29.5	
64 n-Butanol	43	4.848	4.855	-0.007	97	30361	500.0	378.8	
65 Methylcyclohexane	83	4.976	4.976	0.000	87	87729	20.0	14.8	
66 Ethyl acrylate	55	4.983	4.989	-0.006	92	121617	20.0	12.2	
67 1,2-Dichloropropane	63	5.031	5.031	0.000	93	67447	20.0	16.9	
68 Dibromomethane	93	5.172	5.178	-0.006	96	30699	20.0	17.6	
* 69 1,4-Dioxane-d8	96	5.208	5.227	-0.019	0	28700	1000.0	1000.0	
70 1,4-Dioxane	88	5.300	5.281	0.019	31	13513	400.0	437.4	
71 Methyl methacrylate	100	5.300	5.287	0.013	94	31709	40.0	49.8	
81 n-Propyl acetate	43	5.415	5.415	0.000	87	43796	20.0	8.06	
72 Dichlorobromomethane	83	5.434	5.440	-0.006	98	63487	20.0	15.8	
74 2-Nitropropane	41	5.787	5.775	0.012	98	26418	40.0	36.7	
75 2-Chloroethyl vinyl ether	63	5.934	5.934	0.000	92	37380	20.0	17.9	
76 Epichlorohydrin	57	5.982	5.982	0.000	99	129194	400.0	368.2	
77 cis-1,3-Dichloropropene	75	6.086	6.080	0.006	96	84381	20.0	15.5	
78 4-Methyl-2-pentanone (MIBK)	43	6.403	6.397	0.006	97	368833	100.0	93.4	a
$ 79 Toluene-d8 (Surr)	98	6.470	6.464	0.006	97	720941	50.0	50.7	
80 Toluene	91	6.562	6.556	0.006	93	185304	20.0	13.3	
82 trans-1,3-Dichloropropene	75	6.988	6.982	0.006	97	64314	20.0	14.4	
83 1,1,2-Trichloroethane	83	7.269	7.257	0.012	91	34565	20.0	15.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.263	7.263	0.000	82	34564	20.0	9.33	
85 Tetrachloroethene	166	7.427	7.421	0.006	96	67857	20.0	24.1	
86 1,3-Dichloropropane	76	7.519	7.519	0.000	99	71668	20.0	15.0	
87 2-Hexanone	43	7.799	7.799	0.000	99	230945	100.0	92.9	
88 Chlorodibromomethane	129	7.878	7.879	-0.001	97	33242	20.0	13.1	
89 Ethylene Dibromide	107	8.019	8.013	0.006	98	35073	20.0	14.2	
90 n-Butyl acetate	43	8.116	8.116	0.000	98	31479	20.0	5.28	
* 91 Chlorobenzene-d5	117	8.884	8.884	0.000	90	472940	50.0	50.0	
92 Chlorobenzene	112	8.933	8.933	0.000	91	86931	20.0	10.7	
93 1,1,1,2-Tetrachloroethane	131	9.128	9.122	0.006	93	31140	20.0	11.4	
94 Ethylbenzene	106	9.201	9.195	0.006	99	41686	20.0	9.36	
95 m-Xylene & p-Xylene	106	9.421	9.421	0.000	0	48873	20.0	9.18	
96 o-Xylene	106	10.079	10.073	0.006	92	49316	20.0	9.35	
97 Styrene	104	10.116	10.110	0.006	94	78753	20.0	9.16	
98 n-Butyl acrylate	73	10.244	10.238	0.006	97	10351	20.0	4.81	
99 Bromoform	173	10.353	10.341	0.012	94	16401	20.0	10.6	
101 Amyl acetate (mixed isomers)	43	10.664	10.665	-0.001	91	18831	20.0	3.23	
102 Isopropylbenzene	105	10.738	10.732	0.006	97	98837	20.0	7.24	
$ 103 4-Bromofluorobenzene	174	10.933	10.927	0.006	90	171793	50.0	51.1	
104 Bromobenzene	156	11.103	11.104	-0.001	93	27357	20.0	9.18	
105 1,2,3-Trichloropropane	110	11.286	11.280	0.006	85	10919	20.0	14.0	
106 1,1,2,2-Tetrachloroethane	83	11.286	11.280	0.006	94	44122	20.0	13.3	
107 trans-1,4-Dichloro-2-butene	53	11.378	11.378	0.000	83	13207	20.0	12.4	
108 N-Propylbenzene	120	11.408	11.402	0.006	99	24545	20.0	7.46	
109 2-Chlorotoluene	126	11.463	11.463	0.000	97	22437	20.0	7.81	
110 4-Ethyltoluene	105	11.609	11.610	-0.001	98	85677	20.0	6.91	
111 4-Chlorotoluene	91	11.658	11.658	0.000	99	77363	20.0	7.83	
112 1,3,5-Trimethylbenzene	105	11.737	11.725	0.012	91	69496	20.0	6.66	
100 Butyl Methacrylate	87	12.079	12.085	-0.006	96	18550	20.0	5.79	
113 tert-Butylbenzene	119	12.286	12.286	0.000	97	50566	20.0	6.18	
114 1,2,4-Trimethylbenzene	105	12.390	12.378	0.012	98	69984	20.0	6.51	
115 sec-Butylbenzene	105	12.707	12.701	0.006	99	78765	20.0	5.92	
116 1,3-Dichlorobenzene	146	12.780	12.774	0.006	94	37383	20.0	6.52	
* 117 1,4-Dichlorobenzene-d4	152	12.883	12.878	0.005	98	230043	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.914	12.908	0.006	94	39190	20.0	6.58	
119 4-Isopropyltoluene	119	12.944	12.945	-0.001	97	61321	20.0	5.41	
120 1,2,3-Trimethylbenzene	105	13.018	13.012	0.006	99	73563	20.0	6.44	
121 Benzyl chloride	126	13.103	13.103	0.000	97	7139	20.0	7.52	
122 2,3-Dihydroindene	117	13.201	13.194	0.006	94	74127	20.0	6.68	
123 1,2-Dichlorobenzene	146	13.298	13.298	0.000	93	36044	20.0	6.28	
124 p-Diethylbenzene	119	13.347	13.347	0.000	93	30611	20.0	4.99	
125 n-Butylbenzene	92	13.365	13.365	0.000	97	33480	20.0	5.04	
126 1,2-Dibromo-3-Chloropropane	157	13.932	13.926	0.006	86	5883	20.0	9.52	
127 1,2,4,5-Tetramethylbenzene	119	13.944	13.938	0.006	96	42818	20.0	4.03	
128 1,3,5-Trichlorobenzene	180	14.072	14.066	0.006	96	16480	20.0	3.46	
129 1,2,4-Trichlorobenzene	180	14.444	14.444	0.000	91	14270	20.0	3.26	
130 Hexachlorobutadiene	225	14.560	14.554	0.006	93	6201	20.0	2.95	
131 Naphthalene	128	14.578	14.572	0.006	99	49733	20.0	4.82	
132 1,2,3-Trichlorobenzene	180	14.712	14.706	0.006	94	11708	20.0	2.81	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 134 1,3-Dichloropropene, Total	100				0		40.0	29.9	
S 135 Xylenes, Total	100				0		40.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	57.9	

QC Flag Legend

Processing Flags
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GASES Li_00498	Amount Added:	2.00	Units: uL	
524freon_00058	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	2.00	Units: uL	
ACROLEIN W_00145	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Oct-2022 15:23:12 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93165.D

Injection Date: 18-Oct-2022 05:32:30 Instrument ID: CVOAMS2 Operator ID:

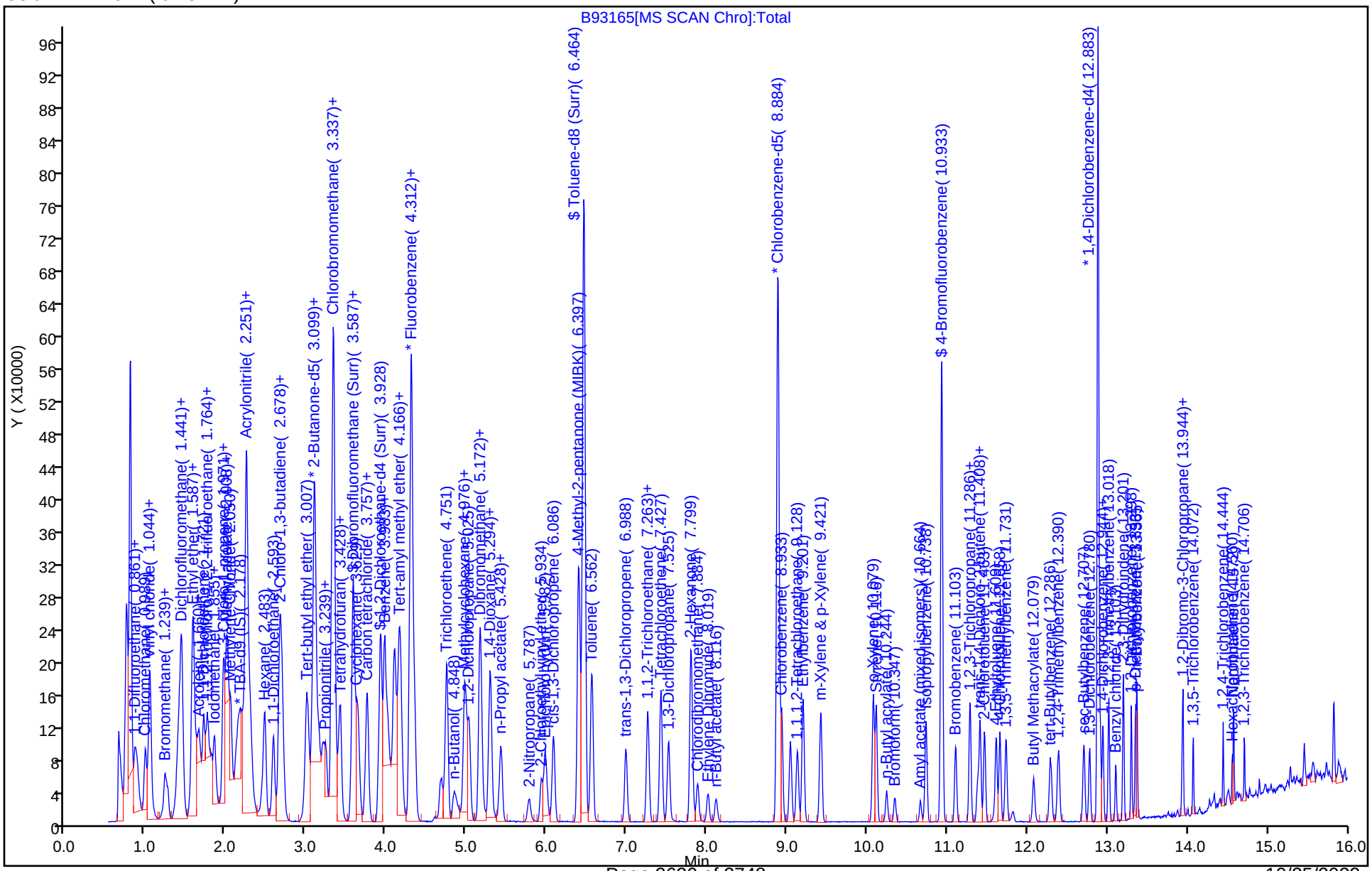
Lims ID: 460-267360-D-1-A MSD Worklist Smp#: 27

Client ID: L2-RI-SB-10B_15-16_20221012

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 26

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\B93165.D
Lims ID: 460-267360-D-1-A MSD
Client ID: L2-RI-SB-10B_15-16_20221012
Sample Type: MSD
Inject. Date: 18-Oct-2022 05:32:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267360-D-1-C MSD
Misc. Info.: 460-0151860-027
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20221017-151860.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Oct-2022 14:33:02 Calib Date: 13-Oct-2022 04:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20221012-151643.b\B92958.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1659

First Level Reviewer: N1JZ Date: 18-Oct-2022 06:29:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.5	109.00
$ 55 1,2-Dichloroethane-d4 (Surr)	50.0	52.9	105.83
$ 79 Toluene-d8 (Surr)	50.0	50.7	101.38
$ 103 4-Bromofluorobenzene	50.0	51.1	102.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_6-8_20221013 MSD | Lab Sample ID: 460-267458-2 MSD

Matrix: Solid | Lab File ID: D99232.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:20

Sample wt/vol: 5.08(g) | Date Analyzed: 10/17/2022 17:49

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.7 % Solids: 93.3 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0173		0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0148		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0160		0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0170		0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0185		0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0150		0.0011	0.00031
78-87-5	1,2-Dichloropropane	0.0172		0.0011	0.00045
75-27-4	Bromodichloromethane	0.0160		0.0011	0.00027
56-23-5	Carbon tetrachloride	0.0171		0.0011	0.00041
108-90-7	Chlorobenzene	0.0165		0.0011	0.00019
75-00-3	Chloroethane	0.0175		0.0011	0.00055
67-66-3	Chloroform	0.0166		0.0011	0.0010
74-87-3	Chloromethane	0.0173		0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0168		0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0161		0.0011	0.00029
124-48-1	Dibromochloromethane	0.0152		0.0011	0.00020
75-09-2	Methylene Chloride	0.0171		0.0021	0.0012
127-18-4	Tetrachloroethene	0.0169		0.0011	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0170		0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0152		0.0011	0.00028
79-01-6	Trichloroethene	0.0174		0.0011	0.00034
75-01-4	Vinyl chloride	0.0213		0.0011	0.00058

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		72-145
460-00-4	Bromofluorobenzene	104		75-139
1868-53-7	Dibromofluoromethane (Surr)	99		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99232.D
Lims ID: 460-267458-C-2-C MSD
Client ID: L3-PP-SB-1_6-8_20221013
Sample Type: MSD
Inject. Date: 17-Oct-2022 17:49:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-2-C MSD
Misc. Info.: 460-0151823-032
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:31:27 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:46:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.248	0.006	84	29794	20.0	8.97	
3 1,1-Difluoroethane	65	1.260	1.254	0.006	96	52439	20.0	16.5	
4 Dichlorodifluoromethane	85	1.278	1.272	0.006	99	134565	20.0	15.9	M
5 Chlorodifluoromethane	51	1.303	1.297	0.006	98	116350	20.0	16.1	
6 Chloromethane	50	1.455	1.449	0.006	99	108726	20.0	16.4	
8 Vinyl chloride	62	1.546	1.541	0.005	98	143219	20.0	20.2	
7 Butadiene	54	1.571	1.565	0.006	95	114896	20.0	16.4	
9 Bromomethane	94	1.845	1.833	0.012	99	79938	20.0	15.4	
10 Chloroethane	64	1.937	1.931	0.006	100	55664	20.0	16.6	
13 Trichlorofluoromethane	101	2.132	2.126	0.006	98	134810	20.0	17.3	
11 Dichlorofluoromethane	67	2.138	2.126	0.012	99	134519	20.0	15.9	
12 Pentane	72	2.187	2.175	0.012	96	35248	40.0	38.1	
15 Ethanol	46	2.388	2.376	0.012	92	6006	800.0	847.8	
14 Ethyl ether	59	2.400	2.394	0.006	96	38131	20.0	14.7	
16 2-Methyl-1,3-butadiene	53	2.412	2.406	0.006	97	75811	20.0	18.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.467	2.455	0.012	85	74422	20.0	17.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.528	2.522	0.006	95	116154	20.0	17.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.583	2.577	0.006	98	86207	20.0	17.1	
19 Acrolein	56	2.583	2.577	0.006	96	55886	300.4	191.0	
21 1,1-Dichloroethene	96	2.613	2.607	0.006	97	75667	20.0	17.5	
22 Acetone	43	2.723	2.717	0.006	87	35076	100.0	73.5	
23 Iodomethane	142	2.772	2.766	0.006	98	91512	20.0	13.2	
24 Carbon disulfide	76	2.802	2.790	0.012	99	253863	20.0	16.8	
25 Isopropyl alcohol	45	2.863	2.851	0.012	99	14491	200.0	162.1	
26 3-Chloro-1-propene	76	2.973	2.967	0.006	89	40799	20.0	15.4	
28 Cyclopentene	67	2.991	2.979	0.012	94	190901	20.0	17.2	
27 Methyl acetate	43	3.004	2.991	0.013	99	39737	40.0	27.3	
29 Acetonitrile	40	3.058	3.046	0.012	99	16033	200.0	168.9	
30 Methylene Chloride	84	3.119	3.113	0.006	89	68462	20.0	16.2	
* 31 TBA-d9 (IS)	65	3.138	3.126	0.012	0	121955	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.217	3.211	0.006	99	25498	200.0	162.4	

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	3.302	3.296	0.006	96	116475	20.0	14.6	
34 trans-1,2-Dichloroethene	96	3.333	3.321	0.012	93	76358	20.0	16.1	
35 Acrylonitrile	53	3.418	3.412	0.006	93	89737	200.0	158.5	
36 Hexane	57	3.516	3.504	0.012	92	96587	20.0	15.5	
37 Isopropyl ether	45	3.766	3.760	0.006	98	163025	20.0	16.9	
38 1,1-Dichloroethane	63	3.790	3.778	0.012	99	119977	20.0	16.1	
39 Vinyl acetate	86	3.827	3.814	0.013	99	13283	40.0	23.4	
40 2-Chloro-1,3-butadiene	88	3.839	3.827	0.012	91	68443	20.0	17.1	
41 Tert-butyl ethyl ether	59	4.137	4.125	0.012	90	142726	20.0	16.3	
43 2,2-Dichloropropane	79	4.357	4.345	0.012	95	32368	20.0	15.2	
* 42 2-Butanone-d5	46	4.363	4.351	0.012	96	121572	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.400	4.388	0.012	97	73684	20.0	15.9	
45 2-Butanone (MEK)	72	4.430	4.418	0.012	99	14629	100.0	77.9	
46 Ethyl acetate	70	4.448	4.436	0.012	98	5573	40.0	31.5	
47 Methyl acrylate	55	4.503	4.491	0.012	100	22943	20.0	13.5	
48 Propionitrile	54	4.582	4.570	0.012	98	31270	200.0	164.2	
49 Chlorobromomethane	128	4.662	4.650	0.012	82	29854	20.0	15.3	
50 Tetrahydrofuran	72	4.662	4.650	0.012	92	6746	40.0	38.9	
51 Methacrylonitrile	67	4.698	4.686	0.012	91	115503	200.0	126.9	
52 Chloroform	83	4.741	4.729	0.012	98	112531	20.0	15.7	
53 Cyclohexane	84	4.857	4.845	0.012	89	105039	20.0	16.6	
54 1,1,1-Trichloroethane	97	4.881	4.869	0.012	98	107505	20.0	16.4	
$ 55 Dibromofluoromethane (Surr)	113	4.924	4.912	0.012	97	174588	50.0	49.6	
56 Carbon tetrachloride	117	5.021	5.009	0.012	97	96867	20.0	16.2	
57 1,1-Dichloropropene	75	5.070	5.058	0.012	96	93177	20.0	16.7	
58 Isobutyl alcohol	43	5.284	5.272	0.012	77	49538	500.0	361.3	
59 Benzene	78	5.296	5.284	0.012	97	249119	20.0	16.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.326	5.320	0.006	97	131259	50.0	43.7	
61 Tert-amyl methyl ether	87	5.399	5.387	0.012	95	34789	20.0	14.7	
63 1,2-Dichloroethane	62	5.418	5.406	0.012	97	57499	20.0	14.2	
62 Isopropyl acetate	61	5.418	5.406	0.012	96	17112	20.0	13.7	
64 n-Heptane	43	5.515	5.503	0.012	89	74195	20.0	13.4	
* 65 Fluorobenzene	96	5.649	5.643	0.006	99	502041	50.0	50.0	
67 Trichloroethene	95	6.082	6.070	0.012	97	67805	20.0	16.4	
66 n-Butanol	56	6.125	6.101	0.024	87	7163	500.0	245.3	
68 Methylcyclohexane	83	6.210	6.204	0.006	94	104419	20.0	15.4	
69 Ethyl acrylate	55	6.265	6.253	0.012	98	23637	20.0	13.4	
70 1,2-Dichloropropane	63	6.424	6.412	0.012	91	53205	20.0	16.3	
* 71 1,4-Dioxane-d8	96	6.509	6.497	0.012	0	11630	1000.0	1000.0	
72 Methyl methacrylate	100	6.558	6.546	0.012	85	15284	40.0	26.5	
73 1,4-Dioxane	88	6.576	6.564	0.012	37	6186	400.0	301.6	
74 Dibromomethane	93	6.582	6.570	0.012	94	26820	20.0	13.9	
75 n-Propyl acetate	43	6.637	6.625	0.012	98	29090	20.0	12.5	
76 Dichlorobromomethane	83	6.777	6.771	0.006	99	69562	20.0	15.2	
77 2-Nitropropane	41	7.143	7.137	0.006	98	11630	40.0	23.5	
78 2-Chloroethyl vinyl ether	63	7.167	7.161	0.006	94	17357	20.0	14.1	
79 Epichlorohydrin	57	7.265	7.253	0.012	89	2229	20.0	16.9	a
80 cis-1,3-Dichloropropene	75	7.314	7.308	0.006	92	75279	20.0	15.3	
81 4-Methyl-2-pentanone (MIBK)	43	7.478	7.466	0.012	96	100175	100.0	83.2	
$ 82 Toluene-d8 (Surr)	98	7.539	7.527	0.012	99	589679	50.0	52.4	
83 Toluene	91	7.606	7.600	0.006	92	248428	20.0	16.0	
84 trans-1,3-Dichloropropene	75	7.935	7.923	0.012	96	59050	20.0	14.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.966	7.960	0.006	87	35151	20.0	12.9	
86 1,1,2-Trichloroethane	83	8.106	8.100	0.006	96	30744	20.0	15.2	
87 Tetrachloroethene	166	8.131	8.125	0.006	98	70409	20.0	16.0	
88 1,3-Dichloropropane	76	8.271	8.259	0.012	92	55345	20.0	15.2	
89 2-Hexanone	43	8.326	8.314	0.012	95	61873	100.0	79.4	
90 n-Butyl acetate	73	8.417	8.411	0.006	98	7163	20.0	14.5	
91 Chlorodibromomethane	129	8.448	8.442	0.006	97	43080	20.0	14.4	
92 Ethylene Dibromide	107	8.551	8.545	0.006	99	33352	20.0	14.8	
* 93 Chlorobenzene-d5	117	8.941	8.935	0.006	85	391531	50.0	50.0	
94 Chlorobenzene	112	8.966	8.960	0.006	96	144675	20.0	15.6	
95 Ethylbenzene	106	9.033	9.027	0.006	98	83059	20.0	15.3	
96 1,1,1,2-Tetrachloroethane	131	9.045	9.039	0.006	95	50084	20.0	15.2	
97 m-Xylene & p-Xylene	106	9.136	9.131	0.005	0	100548	20.0	15.7	
98 n-Butyl acrylate	73	9.453	9.448	0.005	97	23175	20.0	13.6	
99 o-Xylene	106	9.466	9.460	0.006	95	93409	20.0	15.1	
100 Styrene	104	9.490	9.484	0.006	96	144277	20.0	14.6	
101 Amyl acetate (mixed isomers)	43	9.630	9.624	0.006	91	40283	20.0	13.9	
102 Bromoform	173	9.667	9.661	0.006	97	22772	20.0	12.5	
103 Isopropylbenzene	105	9.752	9.746	0.006	95	250061	20.0	15.5	
$ 104 4-Bromofluorobenzene	174	9.917	9.911	0.006	0	172504	50.0	52.0	
105 Bromobenzene	156	10.027	10.021	0.006	92	58014	20.0	15.2	
106 1,1,2,2-Tetrachloroethane	83	10.057	10.051	0.006	98	33357	20.0	14.0	
107 N-Propylbenzene	91	10.075	10.069	0.006	99	285533	20.0	15.0	
108 1,2,3-Trichloropropane	110	10.100	10.094	0.006	95	8553	20.0	12.4	
109 trans-1,4-Dichloro-2-butene	53	10.106	10.100	0.006	87	6358	20.0	11.6	
110 4-Ethyltoluene	105	10.161	10.155	0.006	99	245149	20.0	14.8	
111 2-Chlorotoluene	91	10.167	10.161	0.006	96	181292	20.0	14.4	
112 1,3,5-Trimethylbenzene	105	10.216	10.210	0.006	93	190440	20.0	14.6	
113 4-Chlorotoluene	91	10.252	10.246	0.006	97	162765	20.0	14.8	
114 Butyl Methacrylate	87	10.283	10.277	0.006	88	50284	20.0	14.9	
115 tert-Butylbenzene	119	10.447	10.441	0.006	95	173912	20.0	14.8	
116 1,2,4-Trimethylbenzene	105	10.496	10.490	0.006	97	187688	20.0	14.4	
117 sec-Butylbenzene	105	10.612	10.606	0.006	99	255667	20.0	14.4	
118 4-Isopropyltoluene	119	10.715	10.709	0.006	98	210938	20.0	13.7	
119 1,3-Dichlorobenzene	146	10.728	10.728	0.000	97	104261	20.0	13.6	
* 120 1,4-Dichlorobenzene-d4	152	10.782	10.783	-0.001	94	205180	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.801	10.795	0.006	96	106471	20.0	13.9	
122 1,2,3-Trimethylbenzene	105	10.813	10.807	0.006	98	190605	20.0	14.5	
123 Benzyl chloride	126	10.911	10.905	0.005	99	10597	20.0	11.0	
124 2,3-Dihydroindene	117	10.959	10.953	0.006	93	199151	20.0	14.6	
125 p-Diethylbenzene	119	10.990	10.990	0.000	93	135678	20.0	15.5	
126 n-Butylbenzene	92	11.014	11.008	0.006	97	103769	20.0	12.8	
127 1,2-Dichlorobenzene	146	11.075	11.069	0.006	98	91433	20.0	14.3	
128 1,2,4,5-Tetramethylbenzene	119	11.563	11.557	0.006	97	163997	20.0	13.3	
129 1,2-Dibromo-3-Chloropropane	157	11.666	11.661	0.005	91	4989	20.0	12.2	
130 1,3,5-Trichlorobenzene	180	11.782	11.776	0.006	98	65667	20.0	12.3	
131 1,2,4-Trichlorobenzene	180	12.337	12.331	0.006	94	45858	20.0	12.5	
132 Hexachlorobutadiene	225	12.435	12.429	0.006	94	29960	20.0	10.8	
133 Naphthalene	128	12.587	12.581	0.006	99	66740	20.0	13.5	
134 1,2,3-Trichlorobenzene	180	12.843	12.837	0.006	96	34270	20.0	12.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	32.0	
S 136 1,3-Dichloropropene, Total	100				0		40.0	29.7	

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	30.8	
S 138 Total BTEX	1				0		100.0	78.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00142	Amount Added:	3.00	Units: uL	
8FreonsSS_00050	Amount Added:	2.00	Units: uL	
8260 SP_00159	Amount Added:	2.00	Units: uL	
GAS C SP_00484	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Oct-2022 13:31:28 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99232.D

Injection Date: 17-Oct-2022 17:49:30 Instrument ID: CVOAMS4 Operator ID:

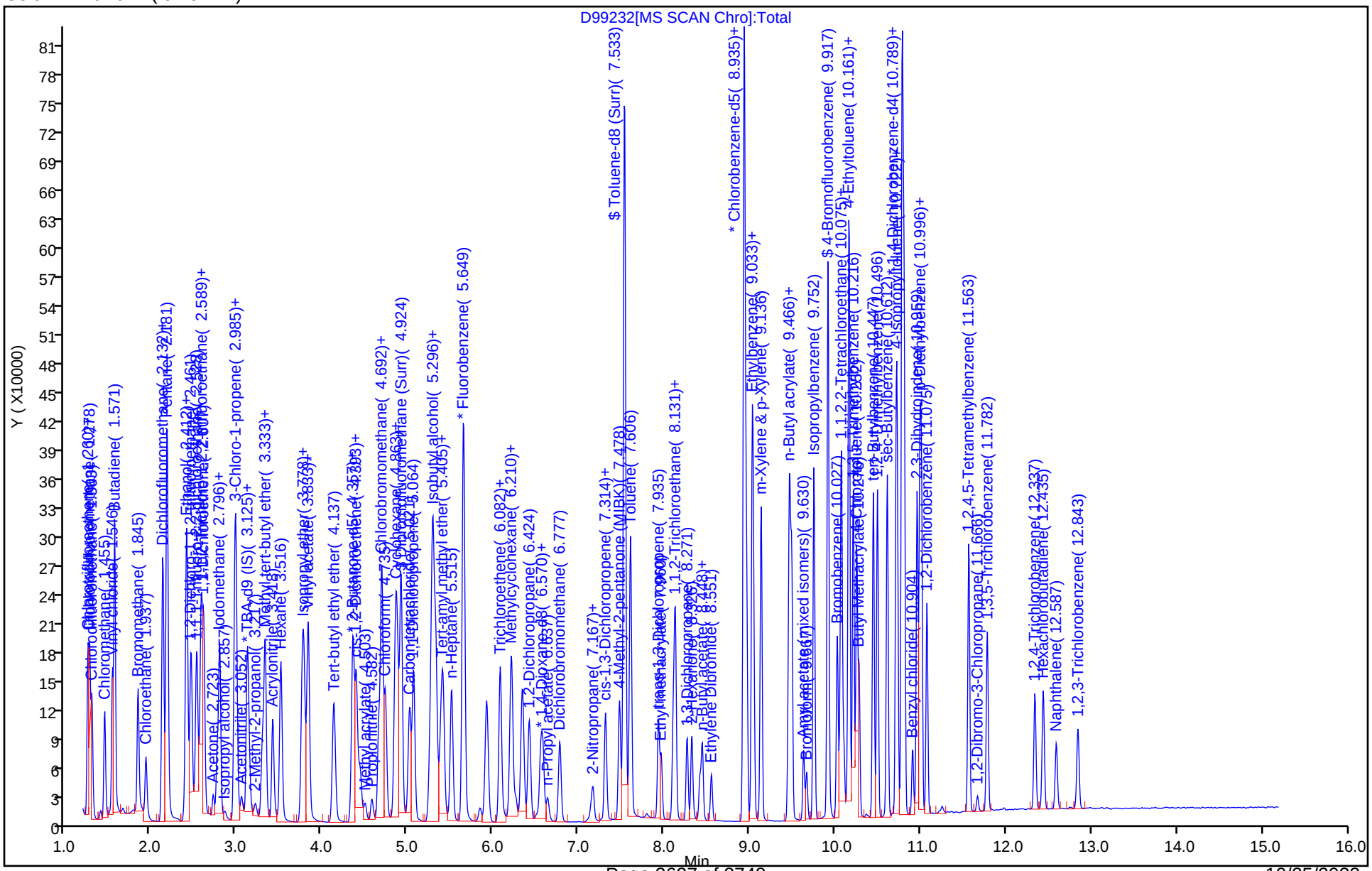
Lims ID: 460-267458-C-2-C MSD Worklist Smp#: 32

Client ID: L3-PP-SB-1_6-8_20221013

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 31

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99232.D
Lims ID: 460-267458-C-2-C MSD
Client ID: L3-PP-SB-1_6-8_20221013
Sample Type: MSD
Inject. Date: 17-Oct-2022 17:49:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267458-C-2-C MSD
Misc. Info.: 460-0151823-032
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Oct-2022 13:31:27 Calib Date: 17-Oct-2022 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20221017-151823.b\D99208.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: C1JX Date: 17-Oct-2022 18:46:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.6	99.11
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	43.7	87.45
$ 82 Toluene-d8 (Surr)	50.0	52.4	104.71
$ 104 4-Bromofluorobenzene	50.0	52.0	104.07

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_5-6_20221013 MSD | Lab Sample ID: 460-267521-3 MSD

Matrix: Solid | Lab File ID: O83026.d

Analysis Method: 8260D | Date Collected: 10/13/2022 17:00

Sample wt/vol: 4.42(g) | Date Analyzed: 10/21/2022 07:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: 9.9 % Solids: 90.1 | Level: (low/med) Medium

Analysis Batch No.: 873205 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.45		0.13	0.037
79-34-5	1,1,2,2-Tetrachloroethane	2.79		0.13	0.026
79-00-5	1,1,2-Trichloroethane	2.57		0.13	0.027
75-34-3	1,1-Dichloroethane	2.80		0.13	0.031
75-35-4	1,1-Dichloroethene	2.96		0.13	0.035
107-06-2	1,2-Dichloroethane	2.53		0.13	0.033
78-87-5	1,2-Dichloropropane	2.76		0.13	0.024
75-27-4	Bromodichloromethane	2.45		0.13	0.020
56-23-5	Carbon tetrachloride	2.49		0.13	0.043
108-90-7	Chlorobenzene	2.74		0.13	0.031
75-00-3	Chloroethane	0.795		0.13	0.048
67-66-3	Chloroform	2.60		0.13	0.029
74-87-3	Chloromethane	2.72		0.13	0.053
156-59-2	cis-1,2-Dichloroethene	2.85		0.13	0.034
10061-01-5	cis-1,3-Dichloropropene	2.61		0.13	0.029
124-48-1	Dibromochloromethane	2.37		0.13	0.029
75-09-2	Methylene Chloride	3.22		0.13	0.028
127-18-4	Tetrachloroethene	2.87		0.13	0.047
156-60-5	trans-1,2-Dichloroethene	2.61		0.13	0.024
10061-02-6	trans-1,3-Dichloropropene	2.80		0.13	0.029
79-01-6	Trichloroethene	25.8		0.13	0.029
75-01-4	Vinyl chloride	2.67		0.13	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		68-150
460-00-4	Bromofluorobenzene	102		70-150
1868-53-7	Dibromofluoromethane (Surr)	101		68-150
2037-26-5	Toluene-d8 (Surr)	100		80-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83026.d
Lims ID: 460-267521-B-3-C MSD
Client ID: L3-PP-SB-2_5-6_20221013
Sample Type: MSD
Inject. Date: 21-Oct-2022 07:26:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267521-b-3-a msd
Misc. Info.: 460-0152035-025
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:42:36 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: RD6L Date: 21-Oct-2022 10:10:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.822	0.833	-0.011	87	15781	20.0	11.0	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	66701	20.0	16.9	
5 Chlorodifluoromethane	67	0.867	0.856	0.011	97	11742	20.0	18.0	
6 Chloromethane	50	0.959	0.947	0.012	98	62593	20.0	20.7	
7 Vinyl chloride	62	0.981	0.981	0.000	97	55857	20.0	20.4	
8 Butadiene	54	0.993	0.993	0.000	92	47435	20.0	22.5	
9 Bromomethane	94	1.130	1.141	-0.011	96	10878	20.0	4.80	
10 Chloroethane	64	1.176	1.187	-0.011	98	11664	20.0	6.07	
11 Dichlorofluoromethane	67	1.278	1.290	-0.012	98	28661	20.0	5.74	
12 Trichlorofluoromethane	101	1.290	1.313	-0.023	94	16686	20.0	4.31	
13 Pentane	57	1.335	1.358	-0.023	96	26072	40.0	54.6	
14 Ethanol	46	1.461	1.415	0.046	70	3090	800.0	269.3	
15 Ethyl ether	59	1.461	1.461	0.000	92	27875	20.0	17.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.461	1.472	-0.011	87	45960	20.0	20.1	
17 2-Methyl-1,3-butadiene	53	1.461	1.472	-0.011	82	39107	20.0	18.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.495	1.495	0.000	96	61425	20.0	18.6	
19 Acrolein	56	1.529	1.529	0.000	77	6205	40.0	23.8	
20 1,1-Dichloroethene	96	1.575	1.587	-0.012	97	51113	20.0	22.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.575	1.587	-0.012	96	42270	20.0	18.2	
22 Acetone	58	1.621	1.609	0.012	86	15676	100.0	124.4	
23 Iodomethane	142	1.655	1.666	-0.011	98	78836	20.0	17.0	
25 Carbon disulfide	76	1.689	1.701	-0.012	99	180174	20.0	20.9	
24 Isopropyl alcohol	45	1.735	1.701	0.034	96	13182	200.0	159.0	
26 Acetonitrile	38	1.781	1.781	0.000	76	14696	200.0	162.2	
27 3-Chloro-1-propene	76	1.781	1.781	0.000	91	35544	20.0	21.6	
28 Methyl acetate	43	1.803	1.803	0.000	98	28394	40.0	43.1	
29 Cyclopentene	67	1.826	1.838	-0.012	95	99830	20.0	22.0	
30 Methylene Chloride	84	1.849	1.861	-0.012	86	77834	20.0	24.6	
* 31 TBA-d9 (IS)	65	1.906	1.883	0.023	100	130715	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.963	1.929	0.034	98	24688	200.0	158.2	
33 Acrylonitrile	53	2.009	1.998	0.011	94	130649	200.0	235.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	93	51559	20.0	19.9	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	97	122412	20.0	19.3	
36 Hexane	57	2.203	2.214	-0.011	90	68173	20.0	32.8	
37 1,1-Dichloroethane	63	2.283	2.283	0.000	100	97352	20.0	21.4	
38 Vinyl acetate	86	2.340	2.340	0.000	100	17375	40.0	39.8	
39 Isopropyl ether	45	2.351	2.351	0.000	84	153030	20.0	21.8	
40 2-Chloro-1,3-butadiene	88	2.351	2.351	0.000	90	51593	20.0	19.9	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	90	154081	20.0	20.2	
* 43 2-Butanone-d5	46	2.683	2.671	0.012	97	140364	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	83	17137	20.0	17.7	
45 cis-1,2-Dichloroethene	96	2.694	2.694	0.000	90	60806	20.0	21.8	
46 2-Butanone (MEK)	72	2.728	2.717	0.011	97	19428	100.0	97.6	
42 Propionitrile	54	2.762	2.751	0.011	95	52358	200.0	211.2	
47 Ethyl acetate	70	2.785	2.774	0.011	100	7977	40.0	41.5	
48 Methyl acrylate	55	2.808	2.808	0.000	99	34187	20.0	22.5	
50 Methacrylonitrile	67	2.877	2.865	0.012	86	117556	200.0	197.7	
49 Chlorobromomethane	128	2.877	2.877	0.000	70	33109	20.0	24.0	
51 Tetrahydrofuran	42	2.934	2.922	0.012	79	12767	40.0	35.4	
52 Chloroform	83	2.945	2.945	0.000	99	91306	20.0	19.9	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	95	119778	47.9	48.3	
54 1,1,1-Trichloroethane	97	3.082	3.094	-0.012	98	81749	20.0	18.7	
55 Cyclohexane	84	3.128	3.139	-0.011	89	69343	20.0	20.9	
56 Carbon tetrachloride	117	3.219	3.231	-0.012	97	61645	20.0	19.0	
57 1,1-Dichloropropene	75	3.231	3.231	0.000	97	80775	20.0	21.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	130995	47.9	49.4	
61 Isobutyl alcohol	43	3.413	3.379	0.034	32	6710	500.0	113.7	
59 Benzene	78	3.402	3.402	0.000	94	249947	20.0	21.4	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	64077	20.0	19.3	
62 Isooctane	57	3.493	3.505	-0.012	95	100951	20.0	23.5	
63 Isopropyl acetate	61	3.516	3.516	0.000	96	15820	20.0	23.3	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	91	167493	20.0	22.7	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	573407	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	87	50627	20.0	35.5	
67 Trichloroethene	95	4.007	4.007	0.000	98	578249	20.0	197.0	
68 n-Butanol	56	4.041	4.053	-0.012	64	4211	500.0	100.6	
69 Ethyl acrylate	55	4.190	4.190	0.000	93	92490	20.0	20.9	
70 Methylcyclohexane	83	4.190	4.201	-0.011	90	62858	20.0	21.3	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	55275	20.0	21.1	
* 72 1,4-Dioxane-d8	96	4.407	4.327	0.079	0	33059	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	30974	20.0	20.6	
74 1,4-Dioxane	88	4.395	4.384	0.011	84	14960	400.0	423.3	
75 Methyl methacrylate	100	4.407	4.407	-0.001	82	28103	40.0	44.7	
76 n-Propyl acetate	43	4.498	4.486	0.012	98	49048	20.0	20.2	
77 Dichlorobromomethane	83	4.521	4.521	0.000	99	63768	20.0	18.7	
78 2-Nitropropane	41	4.783	4.772	0.011	96	11809	40.0	39.3	
79 2-Chloroethyl vinyl ether	63	4.909	4.909	0.000	92	32116	20.0	21.7	
80 Epichlorohydrin	57	4.943	4.932	0.011	98	83551	400.0	426.2	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	89133	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.251	5.240	0.011	94	185773	100.0	112.5	
$ 83 Toluene-d8 (Surr)	98	5.331	5.343	-0.012	99	560794	47.9	47.9	
84 Toluene	91	5.411	5.423	-0.012	93	289284	20.0	22.3	
85 trans-1,3-Dichloropropene	75	5.731	5.719	0.012	95	80440	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
86 Ethyl methacrylate	69	5.914	5.914	0.000	87	67160	20.0	22.9	
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	39191	20.0	19.6	
88 Tetrachloroethene	166	6.096	6.096	0.000	94	54823	20.0	21.9	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	92	87956	20.0	20.9	
90 2-Hexanone	43	6.347	6.325	0.022	94	120648	100.0	109.6	
91 Chlorodibromomethane	129	6.427	6.427	0.000	98	46041	20.0	18.1	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	52051	20.0	20.2	
92 n-Butyl acetate	43	6.576	6.564	0.012	96	51861	20.0	18.3	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	86	453324	50.0	50.0	
95 Chlorobenzene	112	7.249	7.249	0.000	96	179463	20.0	20.9	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	93	51546	20.0	20.4	
97 Ethylbenzene	106	7.466	7.466	0.000	98	94412	20.0	22.3	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	110767	20.0	21.9	
99 o-Xylene	106	8.220	8.220	0.000	94	110784	20.0	21.1	
100 Styrene	104	8.254	8.254	0.000	96	183295	20.0	22.2	
101 n-Butyl acrylate	73	8.345	8.334	0.011	98	31023	20.0	18.5	
102 Bromoform	173	8.471	8.460	0.011	93	23275	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	8.734	8.722	0.012	92	63570	20.0	21.2	
104 Isopropylbenzene	105	8.825	8.825	0.000	96	228418	20.0	21.2	
$ 105 4-Bromofluorobenzene	174	9.019	9.008	0.011	85	139079	47.9	48.6	
106 Bromobenzene	156	9.202	9.190	0.012	99	67175	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	61616	20.0	21.3	
108 1,2,3-Trichloropropane	75	9.339	9.339	0.000	98	47052	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	89	18611	20.0	17.7	
110 N-Propylbenzene	91	9.476	9.476	0.000	100	224686	20.0	21.8	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	197423	20.0	22.2	
112 4-Ethyltoluene	105	9.681	9.681	0.000	99	197846	20.0	21.1	
113 4-Chlorotoluene	91	9.738	9.738	0.000	96	153130	20.0	21.1	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	171337	20.0	21.2	
115 Butyl Methacrylate	87	10.104	10.092	0.012	88	60619	20.0	22.0	
116 tert-Butylbenzene	119	10.298	10.298	0.000	94	127812	20.0	20.6	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	186600	20.0	22.3	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	168289	20.0	21.2	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	95	109758	20.0	22.0	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	96	207545	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	95	110571	20.0	20.6	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	147120	20.0	21.5	
123 1,2,3-Trimethylbenzene	105	11.051	11.051	0.000	98	195324	20.0	21.8	
124 Benzyl chloride	126	11.177	11.177	0.000	98	14922	20.0	14.6	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	200862	20.0	21.2	
126 1,2-Dichlorobenzene	146	11.439	11.428	0.011	95	107774	20.0	21.7	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	83748	20.0	21.0	
128 n-Butylbenzene	92	11.519	11.519	0.000	98	74998	20.0	23.7	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	96	10424	20.0	21.8	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	96	174394	20.0	24.7	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	96	53785	20.0	23.7	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	50204	20.0	24.0	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	93	17886	20.0	25.5	
134 Naphthalene	128	12.946	12.946	0.000	99	178382	20.0	24.9	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	44862	20.0	24.2	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 138 Xylenes, Total	100				0		40.0	43.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	109.1	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00498	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent

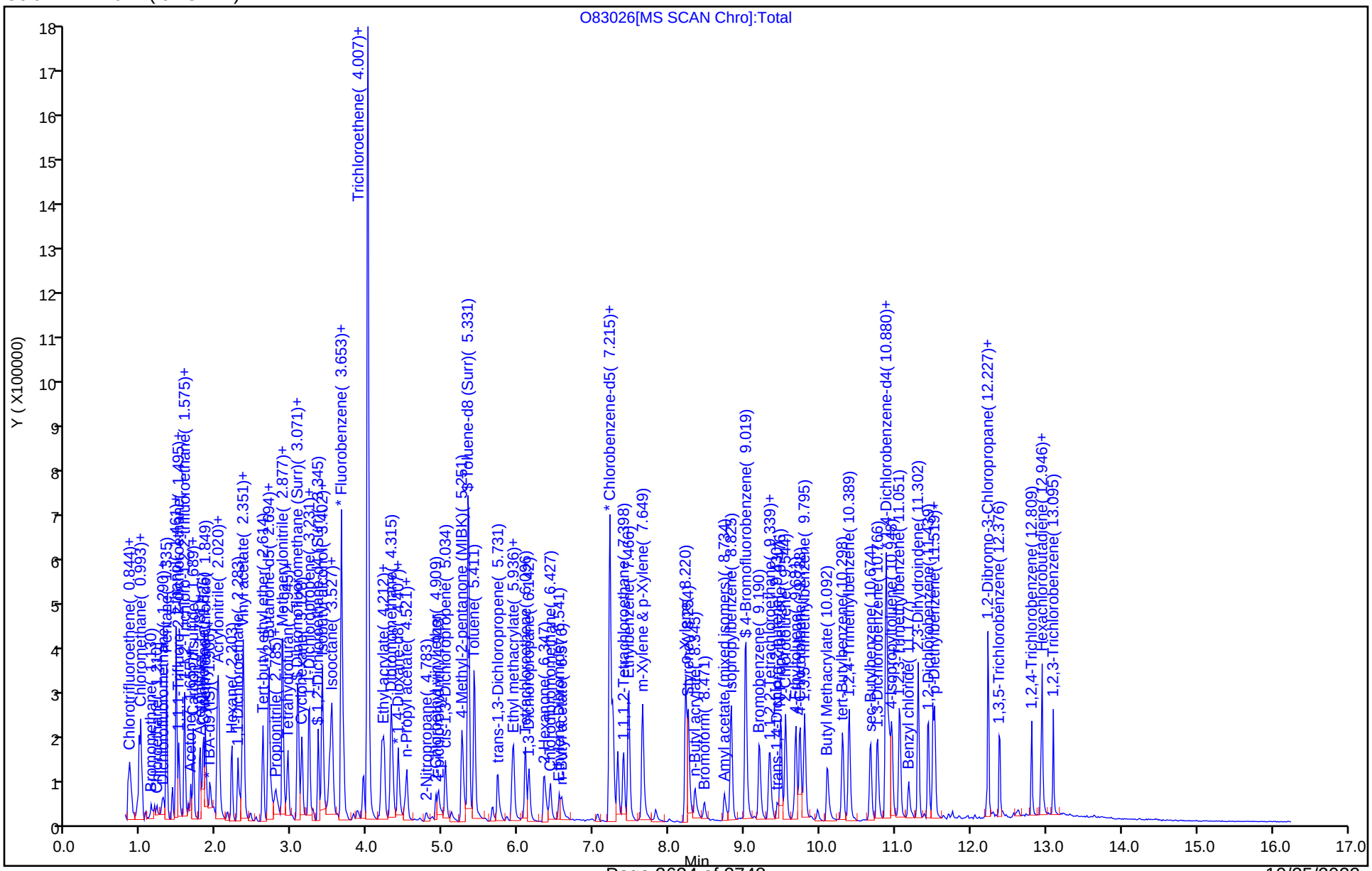
Report Date: 21-Oct-2022 14:45:36 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83026.d

Injection Date:	21-Oct-2022 07:26:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-267521-B-3-C MSD			Worklist Smp#:	25
Client ID:	L3-PP-SB-2_5-6_20221013				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	24
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\O83026.d
Lims ID: 460-267521-B-3-C MSD
Client ID: L3-PP-SB-2_5-6_20221013
Sample Type: MSD
Inject. Date: 21-Oct-2022 07:26:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-267521-b-3-a msd
Misc. Info.: 460-0152035-025
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152035.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2022 10:42:36 Calib Date: 20-Oct-2022 16:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221020-152018.b\O82993.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: RD6L Date: 21-Oct-2022 10:10:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	2395.4	48.3	100.80
$ 58 1,2-Dichloroethane-d4 (Surr)	2395.4	49.4	103.16
$ 83 Toluene-d8 (Surr)	2395.4	47.9	100.05
$ 105 4-Bromofluorobenzene	2395.4	48.6	101.52

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-267283-C-5 MSD

Matrix: Water | Lab File ID: O82723.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/14/2022 09:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.20
75-34-3	1,1-Dichloroethane	19.9		1.0	0.26
75-35-4	1,1-Dichloroethene	20.8		1.0	0.26
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43
78-87-5	1,2-Dichloropropane	20.5		1.0	0.35
75-27-4	Bromodichloromethane	19.9		1.0	0.34
56-23-5	Carbon tetrachloride	19.7		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
75-00-3	Chloroethane	21.5		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	20.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.22
124-48-1	Dibromochloromethane	19.0		1.0	0.28
75-09-2	Methylene Chloride	21.1		1.0	0.32
127-18-4	Tetrachloroethene	20.3		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.9		1.0	0.22
79-01-6	Trichloroethene	19.0		1.0	0.31
75-01-4	Vinyl chloride	19.4		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82723.d
Lims ID: 460-267283-C-5 MSD
Client ID: GT-111
Sample Type: MSD
Inject. Date: 14-Oct-2022 09:57:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267283-C-5 MSD
Misc. Info.: 460-0151704-030
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 08:14:46 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 10:24:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.833	0.833	0.000	85	26349	20.0	25.1	
3 Dichlorodifluoromethane	85	0.844	0.844	0.000	98	62152	20.0	18.1	
5 Chlorodifluoromethane	67	0.867	0.879	-0.012	96	12351	20.0	19.6	
6 Chloromethane	50	0.959	0.958	0.001	99	59765	20.0	20.8	
7 Vinyl chloride	62	0.981	0.981	0.000	98	58751	20.0	19.4	
8 Butadiene	54	0.993	0.993	0.000	94	49517	20.0	18.6	
9 Bromomethane	94	1.141	1.141	0.000	99	47965	20.0	21.9	
10 Chloroethane	64	1.187	1.187	0.000	99	42600	20.0	21.5	
11 Dichlorofluoromethane	67	1.290	1.290	0.000	99	110753	20.0	21.0	
12 Trichlorofluoromethane	101	1.313	1.312	0.001	99	91845	20.0	19.3	
13 Pentane	57	1.358	1.358	0.000	95	17476	40.0	35.4	
14 Ethanol	46	1.415	1.415	0.000	97	9014	800.0	834.0	
15 Ethyl ether	59	1.461	1.461	0.000	93	36141	20.0	20.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.472	1.472	0.000	93	64714	20.0	24.0	
17 2-Methyl-1,3-butadiene	53	1.472	1.472	0.000	93	45122	20.0	20.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.507	1.506	0.001	94	81167	20.0	22.1	
19 Acrolein	56	1.529	1.529	0.000	94	6595	40.0	39.0	
20 1,1-Dichloroethene	96	1.587	1.586	0.001	94	52439	20.0	20.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.587	1.586	0.001	98	47573	20.0	19.2	
22 Acetone	58	1.609	1.609	0.000	87	11006	100.0	82.0	
23 Iodomethane	142	1.666	1.666	0.000	97	107376	20.0	24.6	
25 Carbon disulfide	76	1.701	1.701	0.000	99	180267	20.0	21.6	
24 Isopropyl alcohol	45	1.701	1.701	0.000	26	13147	200.0	177.8	
26 Acetonitrile	38	1.781	1.780	0.001	88	16541	200.0	215.6	
27 3-Chloro-1-propene	76	1.781	1.780	0.001	92	35510	20.0	20.4	
28 Methyl acetate	43	1.803	1.803	0.000	97	25015	40.0	34.4	
29 Cyclopentene	67	1.838	1.838	0.000	96	104853	20.0	17.9	
30 Methylene Chloride	84	1.861	1.860	0.001	85	66088	20.0	21.1	
* 31 TBA-d9 (IS)	65	1.883	1.883	0.000	99	121553	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.929	1.929	0.000	99	25989	200.0	178.8	
33 Acrylonitrile	53	1.998	1.997	0.001	93	104684	200.0	169.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.020	2.020	0.000	89	56411	20.0	19.9	
35 Methyl tert-butyl ether	73	2.032	2.032	0.000	95	137950	20.0	20.2	
36 Hexane	57	2.214	2.214	0.000	89	35371	20.0	18.9	
37 1,1-Dichloroethane	63	2.294	2.294	0.000	99	94239	20.0	19.9	
38 Vinyl acetate	86	2.340	2.340	0.000	99	17527	40.0	117.2	
39 Isopropyl ether	45	2.351	2.351	0.000	81	140224	20.0	19.5	
40 2-Chloro-1,3-butadiene	88	2.351	2.363	-0.012	77	57178	20.0	21.5	
41 Tert-butyl ethyl ether	59	2.614	2.614	0.000	92	151001	20.0	19.5	
* 43 2-Butanone-d5	46	2.671	2.671	0.000	99	133744	250.0	250.0	
44 2,2-Dichloropropane	97	2.694	2.694	0.000	83	17430	20.0	22.1	
45 cis-1,2-Dichloroethene	96	2.694	2.705	-0.011	98	64752	20.0	20.6	
46 2-Butanone (MEK)	72	2.717	2.717	0.000	97	20601	100.0	106.9	
42 Propionitrile	54	2.751	2.751	0.000	94	43254	200.0	221.5	
47 Ethyl acetate	70	2.785	2.785	0.000	99	7052	40.0	37.9	
48 Methyl acrylate	55	2.808	2.808	0.000	98	30043	20.0	17.5	
50 Methacrylonitrile	67	2.865	2.865	0.000	88	138667	200.0	186.8	
49 Chlorobromomethane	128	2.877	2.876	0.001	76	34842	20.0	20.9	
51 Tetrahydrofuran	42	2.922	2.922	0.000	89	13490	40.0	34.6	
52 Chloroform	83	2.945	2.945	0.000	99	98107	20.0	20.2	
$ 53 Dibromofluoromethane (Surr)	113	3.071	3.071	0.000	96	123528	50.0	45.6	
54 1,1,1-Trichloroethane	97	3.094	3.093	0.001	98	92515	20.0	20.4	
55 Cyclohexane	84	3.139	3.139	0.000	85	66972	20.0	20.0	
56 Carbon tetrachloride	117	3.231	3.230	0.001	96	74354	20.0	19.7	
57 1,1-Dichloropropene	75	3.231	3.230	0.001	97	79961	20.0	21.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.345	3.345	0.000	0	122522	50.0	45.4	
61 Isobutyl alcohol	43	3.379	3.379	0.000	99	22277	500.0	449.3	
59 Benzene	78	3.402	3.402	0.000	96	237105	20.0	20.7	
60 1,2-Dichloroethane	62	3.413	3.413	0.000	98	68100	20.0	19.1	
62 Isooctane	57	3.505	3.504	0.001	96	77709	20.0	19.6	
63 Isopropyl acetate	61	3.516	3.516	0.000	95	13292	20.0	17.3	
64 Tert-amyl methyl ether	73	3.527	3.527	0.000	95	153068	20.0	19.6	
* 65 Fluorobenzene	96	3.653	3.653	0.000	99	534275	50.0	50.0	
66 n-Heptane	43	3.687	3.687	0.000	85	25838	20.0	20.2	
67 Trichloroethene	95	4.007	4.018	-0.011	94	62235	20.0	19.0	
68 n-Butanol	56	4.053	4.041	0.012	84	11942	500.0	322.7	
69 Ethyl acrylate	55	4.190	4.189	0.001	98	82650	20.0	18.8	
70 Methylcyclohexane	83	4.201	4.201	0.000	92	57634	20.0	20.3	
71 1,2-Dichloropropane	63	4.224	4.224	0.000	91	55212	20.0	20.5	
* 72 1,4-Dioxane-d8	96	4.338	4.338	0.000	0	29537	1000.0	1000.0	
73 Dibromomethane	93	4.338	4.338	0.000	96	34092	20.0	19.7	
74 1,4-Dioxane	88	4.384	4.395	-0.011	84	14118	400.0	444.3	
75 Methyl methacrylate	100	4.407	4.406	0.000	80	30169	40.0	44.1	
76 n-Propyl acetate	43	4.486	4.486	0.000	97	41949	20.0	17.6	
77 Dichlorobromomethane	83	4.521	4.521	0.001	99	72052	20.0	19.9	
78 2-Nitropropane	41	4.772	4.783	-0.011	98	14374	40.0	27.7	
80 Epichlorohydrin	57	4.943	4.943	0.000	99	31471	400.0	190.5	
81 cis-1,3-Dichloropropene	75	5.034	5.034	0.000	91	85698	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.240	5.240	0.000	94	175820	100.0	113.3	
$ 83 Toluene-d8 (Surr)	98	5.343	5.343	0.000	99	532586	50.0	46.8	
84 Toluene	91	5.423	5.422	0.001	93	274193	20.0	20.9	
85 trans-1,3-Dichloropropene	75	5.731	5.731	0.000	96	78604	20.0	19.9	
86 Ethyl methacrylate	69	5.914	5.913	0.001	86	63163	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
87 1,1,2-Trichloroethane	83	5.936	5.936	0.000	94	42278	20.0	19.7	
88 Tetrachloroethene	166	6.096	6.096	0.000	95	61556	20.0	20.3	
89 1,3-Dichloropropane	76	6.142	6.142	0.000	90	89394	20.0	20.4	
90 2-Hexanone	43	6.325	6.324	0.001	94	113868	100.0	103.5	
91 Chlorodibromomethane	129	6.427	6.427	0.000	97	54658	20.0	19.0	
93 Ethylene Dibromide	107	6.541	6.541	0.000	99	55674	20.0	19.8	
92 n-Butyl acetate	43	6.564	6.564	0.000	98	52572	20.0	17.2	
* 94 Chlorobenzene-d5	117	7.215	7.215	0.000	84	452703	50.0	50.0	
95 Chlorobenzene	112	7.249	7.261	-0.012	97	185860	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	7.398	7.398	0.000	95	55856	20.0	18.5	
97 Ethylbenzene	106	7.466	7.466	0.000	97	94958	20.0	21.7	
98 m-Xylene & p-Xylene	106	7.649	7.649	0.000	99	110764	20.0	20.2	
99 o-Xylene	106	8.220	8.220	0.000	95	112320	20.0	20.3	
100 Styrene	104	8.254	8.254	0.000	96	182162	20.0	20.0	
101 n-Butyl acrylate	73	8.334	8.334	0.000	98	33847	20.0	17.5	
102 Bromoform	173	8.471	8.471	0.000	95	30254	20.0	16.3	
103 Amyl acetate (mixed isomers)	43	8.722	8.722	0.000	93	53239	20.0	15.6	
104 Isopropylbenzene	105	8.825	8.825	0.000	95	233140	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	9.019	9.019	0.000	92	168183	50.0	48.0	
106 Bromobenzene	156	9.202	9.201	0.001	94	76995	20.0	21.8	
107 1,1,2,2-Tetrachloroethane	83	9.327	9.327	0.000	97	63018	20.0	22.6	
108 1,2,3-Trichloropropane	75	9.339	9.338	0.001	98	46823	20.0	19.1	
109 trans-1,4-Dichloro-2-butene	75	9.430	9.430	0.000	88	15220	20.0	14.8	
110 N-Propylbenzene	91	9.476	9.475	0.001	100	232344	20.0	22.1	
111 2-Chlorotoluene	91	9.544	9.544	0.000	96	175629	20.0	19.6	
112 4-Ethyltoluene	105	9.681	9.681	0.000	97	202492	20.0	19.9	
113 4-Chlorotoluene	91	9.738	9.738	0.000	95	153306	20.0	20.6	
114 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	179957	20.0	20.9	
115 Butyl Methacrylate	87	10.092	10.092	0.000	89	60749	20.0	19.2	
116 tert-Butylbenzene	119	10.298	10.297	0.001	95	137475	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	10.389	10.389	0.000	97	189135	20.0	21.2	
118 sec-Butylbenzene	105	10.674	10.674	0.000	99	171236	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.766	10.766	0.000	97	122766	20.0	21.0	
* 120 1,4-Dichlorobenzene-d4	152	10.880	10.880	0.000	94	235325	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.914	10.914	0.000	96	125539	20.0	19.9	
122 4-Isopropyltoluene	119	10.948	10.948	0.000	98	150236	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	11.051	11.062	-0.011	97	203672	20.0	20.6	
124 Benzyl chloride	126	11.177	11.177	0.000	99	14362	20.0	16.1	
125 2,3-Dihydroindene	117	11.302	11.302	0.000	94	218193	20.0	20.3	
126 1,2-Dichlorobenzene	146	11.439	11.439	0.000	97	124841	20.0	21.2	
127 p-Diethylbenzene	119	11.496	11.496	0.000	94	83470	20.0	21.2	
128 n-Butylbenzene	92	11.519	11.519	0.000	97	70031	20.0	22.6	
129 1,2-Dibromo-3-Chloropropane	157	12.216	12.216	0.000	96	12082	20.0	17.7	
130 1,2,4,5-Tetramethylbenzene	119	12.227	12.227	0.000	97	172343	20.0	21.8	
131 1,3,5-Trichlorobenzene	180	12.387	12.387	0.000	97	62991	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	12.809	12.809	0.000	94	58752	20.0	21.9	
133 Hexachlorobutadiene	225	12.935	12.935	0.000	95	19316	20.0	20.7	
134 Naphthalene	128	12.946	12.946	0.000	99	244857	20.0	32.1	
135 1,2,3-Trichlorobenzene	180	13.095	13.095	0.000	96	54452	20.0	22.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 138 Xylenes, Total	100				0		40.0	40.4	
S 139 Total BTEX	1				0		100.0	103.7	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
GASES Li_00497	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00231	Amount Added:	1.00	Units: uL	Run Reagent

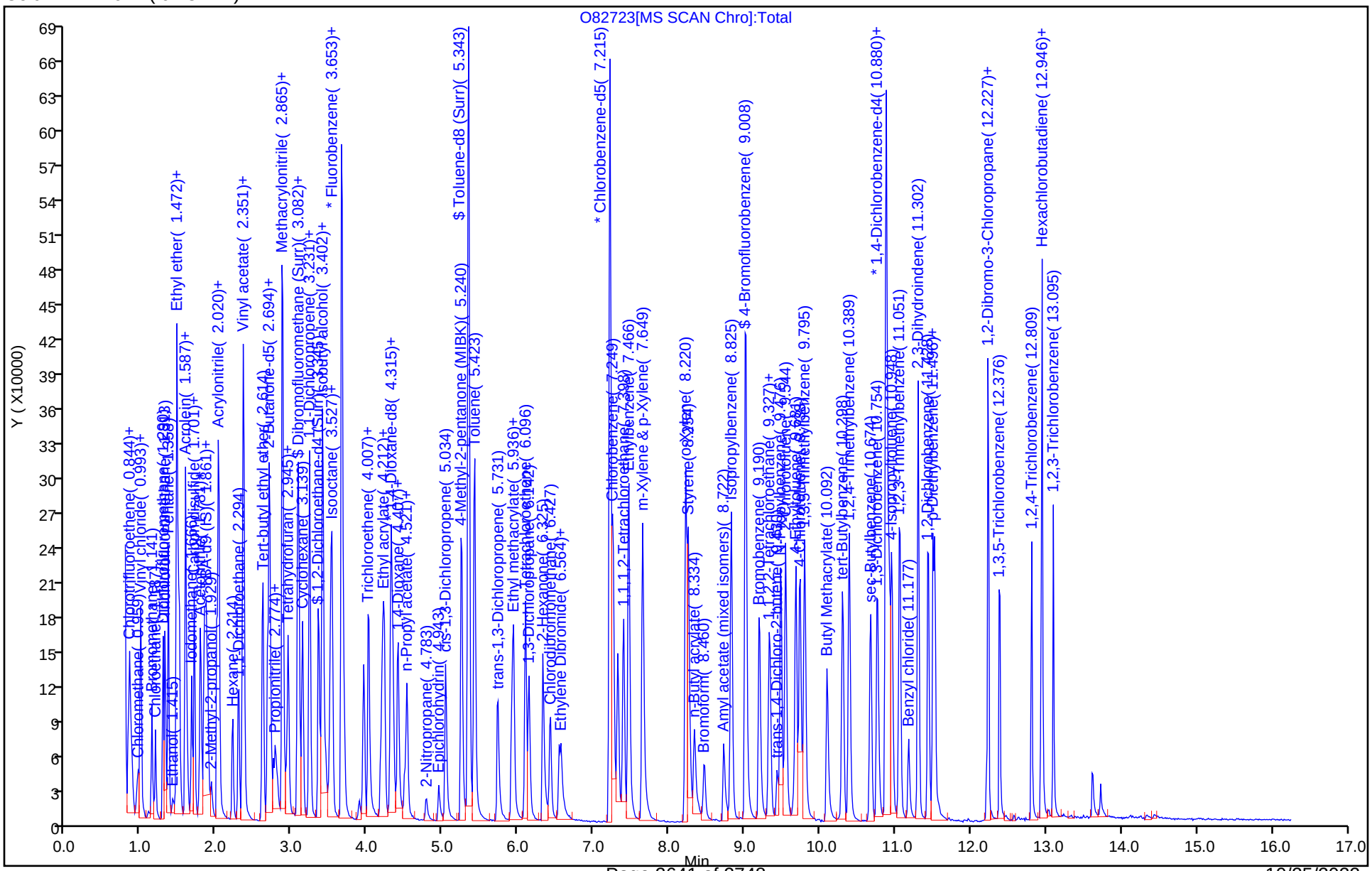
Report Date: 14-Oct-2022 10:24:30 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82723.d

Injection Date:	14-Oct-2022 09:57:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-267283-C-5 MSD			Worklist Smp#:	30
Client ID:	GT-111				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\O82723.d
Lims ID: 460-267283-C-5 MSD
Client ID: GT-111
Sample Type: MSD
Inject. Date: 14-Oct-2022 09:57:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267283-C-5 MSD
Misc. Info.: 460-0151704-030
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20221013-151704.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Oct-2022 08:14:46 Calib Date: 03-Oct-2022 23:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20221003-151211.b\O82147.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1668

First Level Reviewer: K0HS Date: 14-Oct-2022 10:24:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.6	91.30
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.4	90.79
$ 83 Toluene-d8 (Surr)	50.0	46.8	93.58
$ 105 4-Bromofluorobenzene	50.0	48.0	95.97

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-267472-A-3 MSD

Matrix: Water | Lab File ID: V26603.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 02:58

Soil Aliquot Vol: | Dilution Factor: 2

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872260 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	50.0		2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	37.7		2.0	0.73
79-00-5	1,1,2-Trichloroethane	40.5		2.0	0.41
75-34-3	1,1-Dichloroethane	60.0		2.0	0.53
75-35-4	1,1-Dichloroethene	49.5		2.0	0.53
107-06-2	1,2-Dichloroethane	47.9		2.0	0.86
78-87-5	1,2-Dichloropropane	42.5		2.0	0.71
75-27-4	Bromodichloromethane	46.9		2.0	0.69
56-23-5	Carbon tetrachloride	51.1		2.0	0.42
108-90-7	Chlorobenzene	76.3		2.0	0.75
75-00-3	Chloroethane	34.9		2.0	0.64
67-66-3	Chloroform	48.0		2.0	0.65
74-87-3	Chloromethane	31.2		2.0	0.80
156-59-2	cis-1,2-Dichloroethene	49.4		2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	39.4		2.0	0.44
124-48-1	Dibromochloromethane	43.8		2.0	0.56
75-09-2	Methylene Chloride	47.3		2.0	0.63
127-18-4	Tetrachloroethene	49.7		2.0	0.50
156-60-5	trans-1,2-Dichloroethene	48.3		2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	39.5		2.0	0.45
79-01-6	Trichloroethene	46.7		2.0	0.63
75-01-4	Vinyl chloride	38.4		2.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26603.D
Lims ID: 460-267472-A-3 MSD
Client ID: P-6-US-EXTR
Sample Type: MSD
Inject. Date: 17-Oct-2022 02:58:30 ALS Bottle#: 80 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-267472-A-3 MSD
Misc. Info.: 460-0151813-028
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:33:35 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 17-Oct-2022 11:42:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	65	4830	20.0	9.86	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	47	31780	20.0	21.5	
4 1,1-Difluoroethane	65	1.275	1.286	-0.011	74	65037	20.0	17.9	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	133123	20.0	19.8	
2 Chlorodifluoromethane	67	1.309	1.320	-0.011	97	27171	20.0	22.2	
6 Chloromethane	50	1.435	1.435	0.000	100	168536	20.0	15.6	
7 Vinyl chloride	62	1.480	1.480	0.000	98	145613	20.0	19.2	
8 Butadiene	54	1.503	1.503	0.000	94	152421	20.0	16.8	
9 Bromomethane	94	1.697	1.697	0.000	98	43217	20.0	16.5	
10 Chloroethane	64	1.766	1.766	0.000	100	84190	20.0	17.5	
11 Dichlorofluoromethane	67	1.880	1.880	0.000	99	1204006	20.0	104.4	
12 Trichlorofluoromethane	101	1.892	1.892	0.000	99	190967	20.0	25.4	
13 Pentane	72	1.926	1.926	0.000	96	54920	40.0	41.6	
17 Ethanol	46	2.029	2.029	0.000	95	26058	800.0	1221.5	
14 Ethyl ether	74	2.063	2.075	-0.012	92	155340	20.0	37.9	
15 2-Methyl-1,3-butadiene	53	2.086	2.086	0.000	95	171850	20.0	21.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.097	2.097	0.000	96	100590	20.0	24.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	185563	20.0	23.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.200	0.000	95	120743	20.0	25.7	
52 Acrolein	56	2.212	2.212	0.000	97	38093	40.0	30.9	
20 1,1-Dichloroethene	96	2.235	2.235	0.000	92	116978	20.0	24.8	
23 Acetone	43	2.292	2.292	0.000	85	276202	100.0	168.7	
24 Isopropyl alcohol	45	2.360	2.360	0.000	96	69459	200.0	231.5	
21 Iodomethane	142	2.360	2.360	0.000	98	51803	20.0	14.1	
22 Carbon disulfide	76	2.395	2.395	0.000	100	441605	20.0	23.9	
30 Methyl acetate	43	2.486	2.486	0.000	85	299701	40.0	39.4	
26 3-Chloro-1-propene	76	2.486	2.486	0.000	90	88877	20.0	20.6	
25 Cyclopentene	67	2.509	2.509	0.000	95	405153	20.0	22.1	
27 Acetonitrile	41	2.532	2.532	0.000	98	161234	200.0	227.8	a
* 28 TBA-d9 (IS)	66	2.566	2.566	0.000	97	33842	1000.0	1000.0	
29 Methylene Chloride	84	2.589	2.589	0.000	94	132234	20.0	23.7	

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	2.623	2.623	0.000	97	130707	200.0	247.9	
32 Methyl tert-butyl ether	73	2.703	2.703	0.000	97	428762	20.0	22.4	
33 trans-1,2-Dichloroethene	96	2.749	2.749	0.000	97	132411	20.0	24.1	
35 Acrylonitrile	53	2.795	2.795	0.000	93	753951	200.0	222.6	
36 Hexane	57	2.863	2.863	0.000	94	221031	20.0	19.8	
37 Isopropyl ether	45	3.035	3.035	0.000	95	654543	20.0	21.9	
38 1,1-Dichloroethane	63	3.080	3.080	0.000	68	395269	20.0	30.0	
40 Vinyl acetate	86	3.080	3.080	0.000	100	51899	40.0	50.4	
39 2-Chloro-1,3-butadiene	88	3.115	3.115	0.000	94	123460	20.0	24.1	
41 Tert-butyl ethyl ether	59	3.309	3.309	0.000	89	486502	20.0	21.4	
* 42 2-Butanone-d5	46	3.492	3.492	0.000	98	413236	250.0	250.0	
43 2,2-Dichloropropane	97	3.503	3.503	0.000	94	33320	20.0	17.9	
45 cis-1,2-Dichloroethene	96	3.538	3.538	0.000	87	140588	20.0	24.7	
44 2-Butanone (MEK)	72	3.538	3.538	0.000	95	86861	100.0	126.2	
47 Ethyl acetate	70	3.538	3.538	0.000	95	32179	40.0	48.9	
46 Methyl acrylate	55	3.595	3.595	0.000	99	146425	20.0	20.8	
48 Propionitrile	54	3.663	3.663	0.000	98	253138	200.0	204.7	
50 Tetrahydrofuran	72	3.743	3.743	0.000	90	251955	40.0	252.3	
49 Chlorobromomethane	128	3.743	3.743	0.000	47	57989	20.0	27.3	
54 Methacrylonitrile	67	3.755	3.755	0.000	97	708936	200.0	220.7	
51 Chloroform	83	3.789	3.789	0.000	96	241940	20.0	24.0	
53 Cyclohexane	84	3.915	3.915	0.000	97	390187	20.0	41.9	
55 1,1,1-Trichloroethane	97	3.926	3.926	0.000	96	209867	20.0	25.0	
$ 56 Dibromofluoromethane (Surr)	113	3.938	3.938	0.000	96	147768	50.0	53.3	
57 Carbon tetrachloride	117	4.041	4.041	0.001	97	170249	20.0	25.6	
58 1,1-Dichloropropene	75	4.063	4.063	0.000	89	216928	20.0	24.2	
61 Isobutyl alcohol	43	4.189	4.189	0.000	89	295637	500.0	597.5	
64 Isooctane	57	4.212	4.212	0.000	94	403244	20.0	17.9	
59 Benzene	78	4.246	4.246	0.000	98	13424706	20.0	467.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.269	4.269	0.000	96	206446	50.0	46.2	
66 Isopropyl acetate	87	4.303	4.303	0.000	97	123350	20.0	22.8	
62 Tert-amyl methyl ether	73	4.303	4.303	0.000	90	467772	20.0	23.6	
63 1,2-Dichloroethane	62	4.338	4.338	0.000	95	213350	20.0	24.0	
65 n-Heptane	57	4.395	4.395	0.000	98	93186	20.0	18.5	
* 67 Fluorobenzene	96	4.532	4.532	0.000	97	594912	50.0	50.0	
70 n-Butanol	56	4.886	4.875	0.011	36	41612	500.0	422.8	
69 Trichloroethene	95	4.886	4.886	0.000	96	130065	20.0	23.4	
72 Methylcyclohexane	83	5.001	5.001	0.000	86	474563	20.0	48.7	
71 Ethyl acrylate	99	5.001	5.001	0.000	92	27802	20.0	33.4	a
73 1,2-Dichloropropane	63	5.172	5.172	0.000	87	163514	20.0	21.3	
* 68 1,4-Dioxane-d8	96	5.241	5.241	0.000	44	15269	1000.0	1000.0	
74 Methyl methacrylate	100	5.252	5.252	0.000	94	69616	40.0	46.1	
78 1,4-Dioxane	88	5.298	5.298	0.000	33	41998	400.0	1129.9	
77 n-Propyl acetate	43	5.309	5.309	0.000	97	277975	20.0	19.1	
75 Dibromomethane	93	5.321	5.321	0.000	48	75937	20.0	22.4	
76 Dichlorobromomethane	83	5.481	5.469	0.012	97	176841	20.0	23.4	
34 2-Nitropropane	41	5.812	5.812	0.000	98	107708	40.0	39.2	
80 Epichlorohydrin	57	5.938	5.938	0.000	100	157456	400.0	251.2	
81 cis-1,3-Dichloropropene	75	5.995	5.995	0.000	97	222006	20.0	19.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.166	6.166	0.000	99	924382	100.0	128.8	
$ 82 Toluene-d8 (Surr)	98	6.246	6.246	0.000	97	681450	50.0	45.3	
83 Toluene	91	6.338	6.338	0.000	92	648609	20.0	24.1	

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	6.738	6.738	0.000	95	202961	20.0	19.7	
86 Ethyl methacrylate	69	6.761	6.761	0.000	96	160350	20.0	19.0	
87 1,1,2-Trichloroethane	83	6.967	6.967	0.001	91	98981	20.0	20.2	
88 Tetrachloroethene	166	7.012	7.012	0.000	95	117206	20.0	24.8	
89 1,3-Dichloropropane	76	7.195	7.195	0.000	94	220010	20.0	20.8	
91 2-Hexanone	43	7.264	7.275	-0.011	98	575885	100.0	121.5	
92 n-Butyl acetate	43	7.412	7.412	0.000	96	267944	20.0	15.9	
90 Chlorodibromomethane	129	7.458	7.458	0.000	96	106584	20.0	21.9	
93 Ethylene Dibromide	107	7.618	7.618	0.000	98	109733	20.0	22.6	
* 94 Chlorobenzene-d5	117	8.167	8.167	0.000	94	396240	50.0	50.0	
95 Chlorobenzene	112	8.201	8.201	0.000	89	555296	20.0	38.2	
97 Ethylbenzene	106	8.292	8.304	-0.012	99	1981571	20.0	244.9	
96 1,1,1,2-Tetrachloroethane	131	8.315	8.315	0.000	91	106272	20.0	23.0	
98 m-Xylene & p-Xylene	106	8.441	8.441	0.000	99	232218	20.0	23.7	
100 o-Xylene	106	8.875	8.875	0.000	92	1363016	20.0	145.2	
99 n-Butyl acrylate	73	8.875	8.887	-0.012	95	105005	20.0	20.5	
101 Styrene	104	8.910	8.910	0.000	94	407344	20.0	27.4	
102 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	87	281634	20.0	15.0	
103 Bromoform	173	9.127	9.127	0.000	93	70809	20.0	23.6	
104 Isopropylbenzene	105	9.241	9.241	0.000	97	930147	20.0	39.0	
$ 105 4-Bromofluorobenzene	174	9.447	9.447	0.000	0	160376	50.0	53.3	
107 Bromobenzene	156	9.573	9.572	0.000	93	116630	20.0	22.0	
108 1,1,2,2-Tetrachloroethane	83	9.630	9.630	0.000	97	152543	20.0	18.8	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	1254439	20.0	39.1	
115 1,2,3-Trichloropropane	110	9.664	9.664	0.000	95	42995	20.0	20.1	
112 trans-1,4-Dichloro-2-butene	53	9.687	9.687	0.000	87	47205	20.0	14.8	
114 2-Chlorotoluene	91	9.744	9.744	0.000	96	462044	20.0	21.1	
113 4-Ethyltoluene	105	9.744	9.744	0.000	98	589057	20.0	23.4	
116 1,3,5-Trimethylbenzene	105	9.813	9.813	0.001	92	441963	20.0	21.3	
110 4-Chlorotoluene	91	9.847	9.847	0.000	99	428139	20.0	20.9	
117 Butyl Methacrylate	87	9.915	9.915	0.000	92	128501	20.0	16.5	
118 tert-Butylbenzene	119	10.087	10.087	0.000	92	365643	20.0	21.2	
119 1,2,4-Trimethylbenzene	105	10.144	10.144	0.000	99	456268	20.0	21.8	
120 sec-Butylbenzene	105	10.281	10.281	0.000	98	529797	20.0	21.7	
122 1,3-Dichlorobenzene	146	10.407	10.407	0.000	93	229480	20.0	23.4	
121 4-Isopropyltoluene	119	10.395	10.407	-0.012	97	443572	20.0	22.8	
* 106 1,4-Dichlorobenzene-d4	152	10.464	10.464	0.000	97	189557	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.487	10.487	0.000	90	224712	20.0	21.9	
123 1,2,3-Trimethylbenzene	105	10.498	10.498	0.000	99	1177624	20.0	55.9	
125 Benzyl chloride	91	10.613	10.613	0.000	97	136613	20.0	9.05	
111 2,3-Dihydroindene	117	10.670	10.670	0.000	94	654391	20.0	33.5	
126 p-Diethylbenzene	119	10.715	10.715	0.000	91	216240	20.0	21.2	
127 n-Butylbenzene	92	10.738	10.738	0.000	98	216501	20.0	19.5	
128 1,2-Dichlorobenzene	146	10.795	10.795	0.000	93	251638	20.0	26.7	
130 1,2,4,5-Tetramethylbenzene	119	11.333	11.333	0.000	97	336417	20.0	20.3	
129 1,2-Dibromo-3-Chloropropane	157	11.424	11.424	0.000	87	24822	20.0	18.5	
132 1,3,5-Trichlorobenzene	180	11.527	11.527	0.000	94	125483	20.0	20.8	
131 1,2,4-Trichlorobenzene	180	11.996	11.996	0.000	92	119326	20.0	21.2	
133 Hexachlorobutadiene	225	12.076	12.076	0.000	90	43463	20.0	19.2	
134 Naphthalene	128	12.178	12.178	0.000	98	290564	20.0	18.6	
135 1,2,3-Trichlorobenzene	180	12.350	12.350	0.000	95	105108	20.0	22.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	48.8	

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	169.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.4	
S 139 Total BTEX	1				0		100.0	905.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL		
GASES Li_00498	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00160	Amount Added: 20.00	Units: uL		
524freon_00058	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 17-Oct-2022 15:42:25 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26603.D

Injection Date: 17-Oct-2022 02:58:30 Instrument ID: CVOAMS7

Lims ID: 460-267472-A-3 MSD

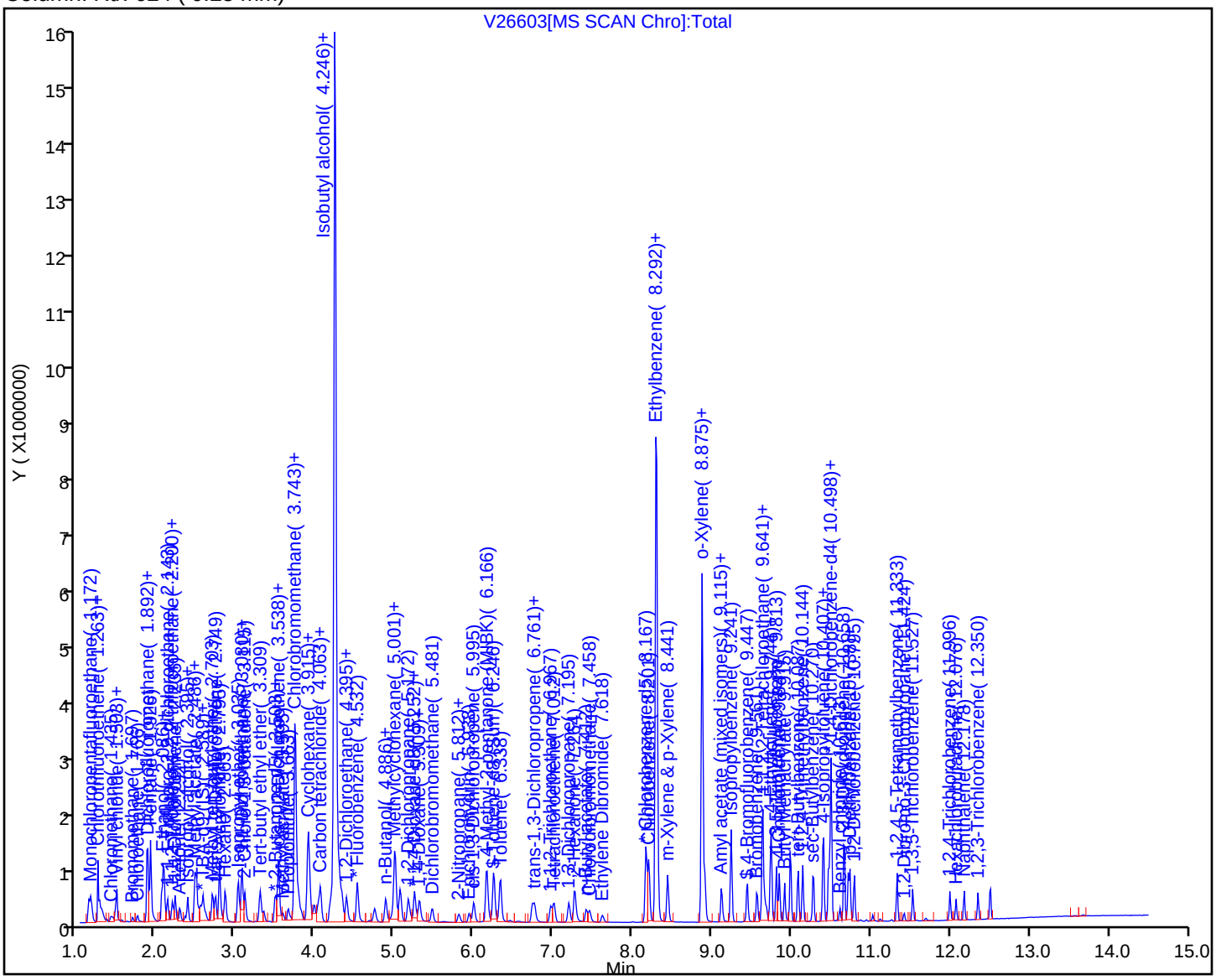
Client ID: P-6-US-EXTR

Operator ID: ALS Bottle#: 80 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 2.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\V26603.D
Lims ID: 460-267472-A-3 MSD
Client ID: P-6-US-EXTR
Sample Type: MSD
Inject. Date: 17-Oct-2022 02:58:30 ALS Bottle#: 80 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-267472-A-3 MSD
Misc. Info.: 460-0151813-028
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20221016-151813.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2022 15:33:35 Calib Date: 01-Oct-2022 18:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20221001-151144.b\V25697.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 17-Oct-2022 11:42:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.3	106.51
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.2	92.49
$ 82 Toluene-d8 (Surr)	50.0	45.3	90.55
$ 105 4-Bromofluorobenzene	50.0	53.3	106.67

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 10/03/2022 20:18

Analysis Batch Number: 869787 End Date: 10/04/2022 03:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-869787/1		10/03/2022 20:18	1	O82139.d	DB-624 0.18(mm)
STD7 460-869787/3 IC		10/03/2022 21:13	1	O82141.d	DB-624 0.18(mm)
STD1 460-869787/4 IC		10/03/2022 21:38	1	O82142.d	DB-624 0.18(mm)
STD5 460-869787/5 IC		10/03/2022 22:04	1	O82143.d	DB-624 0.18(mm)
STD20 460-869787/6 ICIS		10/03/2022 22:29	1	O82144.d	DB-624 0.18(mm)
STD50 460-869787/7 IC		10/03/2022 22:54	1	O82145.d	DB-624 0.18(mm)
STD200 460-869787/8 IC		10/03/2022 23:19	1	O82146.d	DB-624 0.18(mm)
STD500 460-869787/9 IC		10/03/2022 23:44	1	O82147.d	DB-624 0.18(mm)
ICV 460-869787/17		10/04/2022 03:05	1	O82155.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 10/13/2022 22:12

Analysis Batch Number: 871835 End Date: 10/14/2022 09:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-871835/2		10/13/2022 22:12	1	O82695.d	DB-624 0.18(mm)
LCS 460-871835/3		10/13/2022 22:37	1	O82696.d	DB-624 0.18(mm)
ZZZZZ		10/13/2022 23:02	1		DB-624 0.18(mm)
MB 460-871835/8		10/14/2022 00:43	1	O82701.d	DB-624 0.18(mm)
ZZZZZ		10/14/2022 01:08	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 01:33	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 01:59	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 02:24	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 02:49	1		DB-624 0.18(mm)
460-267360-22	L3-FB-01_20221012	10/14/2022 03:14	1	O82707.d	DB-624 0.18(mm)
ZZZZZ		10/14/2022 03:39	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 04:04	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 04:30	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 04:55	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 05:20	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 05:45	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 06:10	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 06:36	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 07:01	1		DB-624 0.18(mm)
460-267360-23	L3-TB-01_20221012	10/14/2022 07:26	1	O82717.d	DB-624 0.18(mm)
ZZZZZ		10/14/2022 07:51	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 08:16	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 08:41	1		DB-624 0.18(mm)
ZZZZZ		10/14/2022 09:06	1		DB-624 0.18(mm)
460-267283-C-5 MS		10/14/2022 09:32	1	O82722.d	DB-624 0.18(mm)
460-267283-C-5 MSD		10/14/2022 09:57	1	O82723.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 10/18/2022 08:25

Analysis Batch Number: 872551 End Date: 10/18/2022 19:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872551/2		10/18/2022 08:25	1	O82878.d	DB-624 0.18(mm)
LCS 460-872551/3		10/18/2022 08:51	50	O82879.d	DB-624 0.18(mm)
LCSD 460-872551/4		10/18/2022 09:16	50	O82880.d	DB-624 0.18(mm)
MB 460-872551/8		10/18/2022 10:57	50	O82884.d	DB-624 0.18(mm)
ZZZZZ		10/18/2022 11:22	50000		DB-624 0.18(mm)
ZZZZZ		10/18/2022 12:12	250000		DB-624 0.18(mm)
ZZZZZ		10/18/2022 13:27	20000		DB-624 0.18(mm)
ZZZZZ		10/18/2022 14:42	50000		DB-624 0.18(mm)
ZZZZZ		10/18/2022 15:07	50		DB-624 0.18(mm)
ZZZZZ		10/18/2022 15:32	50		DB-624 0.18(mm)
ZZZZZ		10/18/2022 15:58	50		DB-624 0.18(mm)
ZZZZZ		10/18/2022 17:13	50		DB-624 0.18(mm)
ZZZZZ		10/18/2022 17:38	50		DB-624 0.18(mm)
460-267521-3	L3-PP-SB-2_5-6_20221013	10/18/2022 18:53	50	O82903.d	DB-624 0.18(mm)
ZZZZZ		10/18/2022 19:43	50		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 10/18/2022 21:36

Analysis Batch Number: 872711 End Date: 10/19/2022 05:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872711/3		10/18/2022 21:36	1	O82910.d	DB-624 0.18(mm)
LCS 460-872711/4		10/18/2022 22:01	50	O82911.d	DB-624 0.18(mm)
LCSD 460-872711/5		10/18/2022 22:27	50	O82912.d	DB-624 0.18(mm)
MB 460-872711/9		10/19/2022 00:07	50	O82916.d	DB-624 0.18(mm)
ZZZZZ		10/19/2022 00:32	50		DB-624 0.18(mm)
ZZZZZ		10/19/2022 00:58	50		DB-624 0.18(mm)
460-267458-1	L3-PP-SB-1_5-6_20221013	10/19/2022 01:48	50	O82920.d	DB-624 0.18(mm)
ZZZZZ		10/19/2022 02:13	50		DB-624 0.18(mm)
ZZZZZ		10/19/2022 03:03	50		DB-624 0.18(mm)
ZZZZZ		10/19/2022 03:28	50		DB-624 0.18(mm)
ZZZZZ		10/19/2022 03:53	50		DB-624 0.18(mm)
ZZZZZ		10/19/2022 04:43	50		DB-624 0.18(mm)
ZZZZZ		10/19/2022 05:09	50		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 10/20/2022 13:04

Analysis Batch Number: 873073 End Date: 10/20/2022 19:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-873073/1		10/20/2022 13:04	1	O82985.d	DB-624 0.18(mm)
STD7 460-873073/3 IC		10/20/2022 13:52	1	O82987.d	DB-624 0.18(mm)
STD1 460-873073/4 IC		10/20/2022 14:17	1	O82988.d	DB-624 0.18(mm)
STD5 460-873073/5 IC		10/20/2022 14:42	1	O82989.d	DB-624 0.18(mm)
STD20 460-873073/6 ICIS		10/20/2022 15:08	1	O82990.d	DB-624 0.18(mm)
STD50 460-873073/7 IC		10/20/2022 15:33	1	O82991.d	DB-624 0.18(mm)
STD200 460-873073/8 IC		10/20/2022 15:58	1	O82992.d	DB-624 0.18(mm)
STD500 460-873073/9 IC		10/20/2022 16:23	1	O82993.d	DB-624 0.18(mm)
ICV 460-873073/17		10/20/2022 19:44	1	O83001.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 10/20/2022 21:28

Analysis Batch Number: 873205 End Date: 10/21/2022 07:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-873205/3		10/20/2022 21:28	1	O83004.d	DB-624 0.18(mm)
LCS 460-873205/4		10/20/2022 21:54	50	O83005.d	DB-624 0.18(mm)
LCSD 460-873205/5		10/20/2022 22:19	50	O83006.d	DB-624 0.18(mm)
MB 460-873205/10		10/21/2022 01:04	50	O83011.d	DB-624 0.18(mm)
ZZZZZ		10/21/2022 01:35	50		DB-624 0.18(mm)
ZZZZZ		10/21/2022 02:25	50		DB-624 0.18(mm)
ZZZZZ		10/21/2022 02:50	50		DB-624 0.18(mm)
ZZZZZ		10/21/2022 03:15	50		DB-624 0.18(mm)
ZZZZZ		10/21/2022 03:40	50		DB-624 0.18(mm)
ZZZZZ		10/21/2022 04:30	50		DB-624 0.18(mm)
ZZZZZ		10/21/2022 05:46	5000		DB-624 0.18(mm)
460-267521-3 MS	L3-PP-SB-2_5-6_20221013 MS	10/21/2022 07:01	50	O83025.d	DB-624 0.18(mm)
460-267521-3 MSD	L3-PP-SB-2_5-6_20221013 MSD	10/21/2022 07:26	50	O83026.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 10/12/2022 16:26

Analysis Batch Number: 871531 End Date: 10/13/2022 04:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-871531/1		10/12/2022 16:26	1	B92940a.D	DB-624 0.18(mm)
STD5 460-871531/5 IC		10/12/2022 18:32	1	B92944.D	DB-624 0.18(mm)
STD20 460-871531/6 ICIS		10/12/2022 18:57	1	B92945.D	DB-624 0.18(mm)
STD50 460-871531/7 IC		10/12/2022 19:22	1	B92946.D	DB-624 0.18(mm)
STD200 460-871531/8 IC		10/12/2022 19:47	1	B92947.D	DB-624 0.18(mm)
STD500 460-871531/9 IC		10/12/2022 20:12	1	B92948.D	DB-624 0.18(mm)
STD1 460-871531/19 IC		10/13/2022 04:16	1	B92958.D	DB-624 0.18(mm)
ICV 460-871531/20		10/13/2022 04:40	1	B92959.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 10/17/2022 04:19

Analysis Batch Number: 872317 End Date: 10/17/2022 16:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/17/2022 04:19	1		DB-624 0.18(mm)
CCVIS 460-872317/2		10/17/2022 04:40	1	B93109.D	DB-624 0.18(mm)
LCS 460-872317/3		10/17/2022 05:06	1	B93110.D	DB-624 0.18(mm)
LCSD 460-872317/4		10/17/2022 05:31	1	B93111.D	DB-624 0.18(mm)
MB 460-872317/7		10/17/2022 06:57	1	B93114.D	DB-624 0.18(mm)
LB3 460-871955/1-A		10/17/2022 07:22	1	B93115.D	DB-624 0.18(mm)
ZZZZZ		10/17/2022 07:47	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 08:12	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 08:37	1		DB-624 0.18(mm)
460-267360-1	L2-RI-SB-10B_15-16_20221012	10/17/2022 09:02	1	B93119.D	DB-624 0.18(mm)
ZZZZZ		10/17/2022 09:27	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 09:52	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 10:16	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 10:41	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 12:21	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 12:46	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 13:11	1		DB-624 0.18(mm)
460-267360-2	L2-RI-SB-10B_16-18_20221012	10/17/2022 13:35	1	B93130.D	DB-624 0.18(mm)
460-267360-3	L2-RI-SB-10B_18-20_20221012	10/17/2022 14:00	1	B93131.D	DB-624 0.18(mm)
460-267360-4	L2-RI-SB-10B_20-22_20221012	10/17/2022 14:24	1	B93132.D	DB-624 0.18(mm)
460-267360-5	L2-RI-SB-10B_22-24_20221012	10/17/2022 14:50	1	B93133.D	DB-624 0.18(mm)
460-267360-6	L2-RI-SB-10B_24-26_20221012	10/17/2022 15:14	1	B93134.D	DB-624 0.18(mm)
460-267360-7	L2-RI-SB-10B_26-28_20221012	10/17/2022 15:39	1	B93135.D	DB-624 0.18(mm)
460-267360-8	L2-RI-SB-10B_28-30_20221012	10/17/2022 16:03	1	B93136.D	DB-624 0.18(mm)
460-267360-9	L2-RI-SB-10B_30-32_20221012	10/17/2022 16:28	1	B93137.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 10/17/2022 18:38

Analysis Batch Number: 872430 End Date: 10/18/2022 05:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872430/3		10/17/2022 18:38	1	B93141.D	DB-624 0.18(mm)
LCS 460-872430/4		10/17/2022 19:04	1	B93142.D	DB-624 0.18(mm)
LCSD 460-872430/5		10/17/2022 19:30	1	B93143.D	DB-624 0.18(mm)
MB 460-872430/7		10/17/2022 20:19	1	B93145.D	DB-624 0.18(mm)
ZZZZZ		10/17/2022 21:09	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 21:33	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 21:58	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 22:24	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 22:49	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 23:14	1		DB-624 0.18(mm)
ZZZZZ		10/17/2022 23:42	1		DB-624 0.18(mm)
460-267360-10	L2-RI-SB-10B_32-34_20221012	10/18/2022 00:07	1	B93154.D	DB-624 0.18(mm)
460-267360-11	L3-SB-X1_20221012	10/18/2022 00:31	1	B93155.D	DB-624 0.18(mm)
ZZZZZ		10/18/2022 02:11	1		DB-624 0.18(mm)
ZZZZZ		10/18/2022 02:35	1		DB-624 0.18(mm)
ZZZZZ		10/18/2022 03:00	1		DB-624 0.18(mm)
ZZZZZ		10/18/2022 03:25	1		DB-624 0.18(mm)
ZZZZZ		10/18/2022 04:35	1		DB-624 0.18(mm)
460-267360-1 MS	L2-RI-SB-10B_15-16_20221012 MS	10/18/2022 05:04	1	B93164.D	DB-624 0.18(mm)
460-267360-1 MSD	L2-RI-SB-10B_15-16_20221012 MSD	10/18/2022 05:32	1	B93165.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 10/17/2022 04:01

Analysis Batch Number: 872315 End Date: 10/17/2022 18:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-872315/1		10/17/2022 04:01	1	D99201.D	Rtx-624 0.25(mm)
STD1 460-872315/3 IC		10/17/2022 05:24	1	D99203.D	Rtx-624 0.25(mm)
STD5 460-872315/4 IC		10/17/2022 05:47	1	D99204.D	Rtx-624 0.25(mm)
STD20 460-872315/5 ICIS		10/17/2022 06:09	1	D99205.D	Rtx-624 0.25(mm)
STD50 460-872315/6 IC		10/17/2022 06:32	1	D99206.D	Rtx-624 0.25(mm)
STD200 460-872315/7 IC		10/17/2022 06:54	1	D99207.D	Rtx-624 0.25(mm)
STD500 460-872315/8 IC		10/17/2022 07:17	1	D99208.D	Rtx-624 0.25(mm)
ICV 460-872315/17		10/17/2022 11:48	1	D99217.D	Rtx-624 0.25(mm)
LCS 460-872315/18		10/17/2022 12:11	1	D99218.D	Rtx-624 0.25(mm)
LCSD 460-872315/19		10/17/2022 12:33	1	D99219.D	Rtx-624 0.25(mm)
MB 460-872315/22		10/17/2022 13:41	1	D99222.D	Rtx-624 0.25(mm)
LB3 460-872117/1-A		10/17/2022 14:03	1	D99223.D	Rtx-624 0.25(mm)
460-267458-2	L3-PP-SB-1_6-8_20221013	10/17/2022 14:25	1	D99224.D	Rtx-624 0.25(mm)
460-267458-3	L3-PP-SB-1_8-10_20221013	10/17/2022 14:48	1	D99225.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 15:10	1		Rtx-624 0.25(mm)
460-267458-5	L3-PP-SB-1_12-14_20221013	10/17/2022 15:57	1	D99227a.D	Rtx-624 0.25(mm)
460-267458-6	L3-PP-SB-1_14-15_20221013	10/17/2022 16:19	1	D99228.D	Rtx-624 0.25(mm)
460-267458-11	L3-SB-X2_20221013	10/17/2022 16:42	1	D99229.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 17:04	1		Rtx-624 0.25(mm)
460-267458-2 MS	L3-PP-SB-1_6-8_20221013 MS	10/17/2022 17:27	1	D99231.D	Rtx-624 0.25(mm)
460-267458-2 MSD	L3-PP-SB-1_6-8_20221013 MSD	10/17/2022 17:49	1	D99232.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 18:12	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 18:34	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 10/17/2022 19:00

Analysis Batch Number: 872434 End Date: 10/18/2022 05:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872434/2		10/17/2022 19:00	1	D99236.D	Rtx-624 0.25(mm)
LCS 460-872434/3		10/17/2022 19:22	1	D99237.D	Rtx-624 0.25(mm)
LCSD 460-872434/4		10/17/2022 19:45	1	D99238.D	Rtx-624 0.25(mm)
MB 460-872434/31		10/17/2022 21:54	1	D99243.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 22:17	1		Rtx-624 0.25(mm)
460-267458-4	L3-PP-SB-1_10-12_2022 1013	10/17/2022 22:40	1	D99245.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 23:02	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 23:25	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 23:47	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 00:10	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 00:32	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 00:55	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 01:17	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 02:26	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 02:48	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 03:11	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 03:33	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 03:56	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 04:18	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 04:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 05:03	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 05:25	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 05:49	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 10/18/2022 07:03

Analysis Batch Number: 872520 End Date: 10/18/2022 18:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872520/3		10/18/2022 07:03	1	D99267.D	Rtx-624 0.25(mm)
LCS 460-872520/4		10/18/2022 07:26	1	D99268.D	Rtx-624 0.25(mm)
LCSD 460-872520/5		10/18/2022 07:48	1	D99269.D	Rtx-624 0.25(mm)
MB 460-872520/9		10/18/2022 09:20	1	D99273.D	Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 09:42	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 10:27	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 10:50	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 12:20	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 12:42	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 13:31	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 13:54	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 15:01	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 15:24	1		Rtx-624 0.25(mm)
460-267521-4	L3-SB-X4_20221013	10/18/2022 16:38	1	D99292.D	Rtx-624 0.25(mm)
460-267521-6	L3-PP-SB-2_8-10_20221013	10/18/2022 17:23	1	D99294.D	Rtx-624 0.25(mm)
460-267521-7	L3-PP-SB-2_10-12_20221013	10/18/2022 17:46	1	D99295.D	Rtx-624 0.25(mm)
460-267521-8	L3-PP-SB-2_12-14_20221013	10/18/2022 18:08	1	D99296.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 10/18/2022 19:06

Analysis Batch Number: 872654 End Date: 10/19/2022 06:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872654/3		10/18/2022 19:06	1	D99299.D	Rtx-624 0.25(mm)
LCS 460-872654/4		10/18/2022 19:39	1	D99300.D	Rtx-624 0.25(mm)
LCSD 460-872654/5		10/18/2022 20:01	1	D99301.D	Rtx-624 0.25(mm)
MB 460-872654/9		10/18/2022 21:31	1	D99305.D	Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 21:54	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 22:16	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 22:39	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 23:01	1		Rtx-624 0.25(mm)
460-267521-5	L3-PP-SB-2_6-8_20221013	10/18/2022 23:24	1	D99310.D	Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 23:46	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 00:31	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 00:54	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 01:39	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 02:25	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 03:10	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 05:43	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 06:06	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 06:28	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2022 06:51	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 10/20/2022 05:27

Analysis Batch Number: 872987 End Date: 10/20/2022 16:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872987/2		10/20/2022 05:27	1	D99372.D	Rtx-624 0.25(mm)
LCS 460-872987/3		10/20/2022 05:50	1	D99373.D	Rtx-624 0.25(mm)
LCSD 460-872987/4		10/20/2022 06:12	1	D99374.D	Rtx-624 0.25(mm)
MB 460-872987/8		10/20/2022 07:53	1	D99378.D	Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 08:15	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 08:38	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 09:23	1		Rtx-624 0.25(mm)
460-267521-9	L3-PP-SB-2_14-15_20221013	10/20/2022 09:45	1	D99383.D	Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 10:08	1		Rtx-624 0.25(mm)
LB3 460-872153/1-A		10/20/2022 11:15	1	D99387.D	Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 11:37	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 12:00	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 12:22	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 12:45	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 13:07	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 13:30	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 13:52	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 14:15	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 14:37	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 15:02	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 15:25	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 15:47	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 16:10	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2022 16:32	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 10/01/2022 15:10

Analysis Batch Number: 869565 End Date: 10/01/2022 21:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-869565/1		10/01/2022 15:10	1	V25688.D	Rtx-624 0.25(mm)
STD8 460-869565/3 IC		10/01/2022 15:52	1	V25690.D	Rtx-624 0.25(mm)
STD05 460-869565/4 IC		10/01/2022 16:14	1	V25691.D	Rtx-624 0.25(mm)
STD1 460-869565/5 IC		10/01/2022 16:35	1	V25692.D	Rtx-624 0.25(mm)
STD5 460-869565/6 IC		10/01/2022 16:56	1	V25693.D	Rtx-624 0.25(mm)
STD20 460-869565/7 ICIS		10/01/2022 17:17	1	V25694.D	Rtx-624 0.25(mm)
STD50 460-869565/8 IC		10/01/2022 17:38	1	V25695.D	Rtx-624 0.25(mm)
STD200 460-869565/9 IC		10/01/2022 17:59	1	V25696.D	Rtx-624 0.25(mm)
STD500 460-869565/10 IC		10/01/2022 18:20	1	V25697.D	Rtx-624 0.25(mm)
ICV 460-869565/18		10/01/2022 21:09	1	V25705.D	Rtx-624 0.25(mm)
ZZZZZ		10/01/2022 21:09	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 10/15/2022 18:04

Analysis Batch Number: 872160 End Date: 10/16/2022 02:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/15/2022 18:04	1		Rtx-624 0.25(mm)
CCVIS 460-872160/3		10/15/2022 18:54	1	V26545.D	Rtx-624 0.25(mm)
LCS 460-872160/4		10/15/2022 19:15	1	V26546.D	Rtx-624 0.25(mm)
MB 460-872160/7		10/15/2022 20:18	1	V26549.D	Rtx-624 0.25(mm)
ZZZZZ		10/15/2022 20:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/15/2022 21:01	1		Rtx-624 0.25(mm)
460-267458-33	L3-TB-02_20221013	10/15/2022 21:22	1	V26552.D	Rtx-624 0.25(mm)
ZZZZZ		10/15/2022 21:43	1		Rtx-624 0.25(mm)
460-267458-12	L3-FB-02_20221013	10/15/2022 22:05	1	V26554.D	Rtx-624 0.25(mm)
ZZZZZ		10/15/2022 22:26	1		Rtx-624 0.25(mm)
ZZZZZ		10/15/2022 22:47	1		Rtx-624 0.25(mm)
460-267521-2	L3-FB-01_20221013	10/15/2022 23:08	1	V26557.D	Rtx-624 0.25(mm)
ZZZZZ		10/15/2022 23:29	1		Rtx-624 0.25(mm)
ZZZZZ		10/15/2022 23:50	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 00:12	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 00:54	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 01:37	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 01:58	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 02:19	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 10/16/2022 16:18

Analysis Batch Number: 872260 End Date: 10/17/2022 04:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/16/2022 16:18	1		Rtx-624 0.25(mm)
CCVIS 460-872260/3		10/16/2022 17:04	1	V26575.D	Rtx-624 0.25(mm)
LCS 460-872260/4		10/16/2022 17:25	1	V26576.D	Rtx-624 0.25(mm)
LCSD 460-872260/5		10/16/2022 17:46	1	V26577.D	Rtx-624 0.25(mm)
MB 460-872260/8		10/16/2022 18:50	1	V26580.D	Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 19:54	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 20:15	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 20:36	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 20:57	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 21:19	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 21:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 22:22	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 22:44	1		Rtx-624 0.25(mm)
ZZZZZ		10/16/2022 23:05	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 00:08	50		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 01:34	2		Rtx-624 0.25(mm)
460-267472-A-3 MS		10/17/2022 02:37	2	V26602.D	Rtx-624 0.25(mm)
460-267472-A-3 MSD		10/17/2022 02:58	2	V26603.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 03:20	10		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 03:41	10		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 04:23	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 10/17/2022 09:25

Analysis Batch Number: 872367 End Date: 10/17/2022 18:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872367/2		10/17/2022 09:25	1	V26611.D	Rtx-624 0.25(mm)
LCS 460-872367/3		10/17/2022 09:47	1	V26612.D	Rtx-624 0.25(mm)
LCSD 460-872367/4		10/17/2022 10:08	1	V26613.D	Rtx-624 0.25(mm)
MB 460-872367/8		10/17/2022 11:33	1	V26617.D	Rtx-624 0.25(mm)
460-267521-1	L3-TB-01_20221013	10/17/2022 11:54	1	V26618.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 12:15	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 12:36	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 13:19	50		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 13:40	50		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 14:23	10		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 15:05	2		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 15:48	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 16:09	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 16:30	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 16:51	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 17:13	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 17:34	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 17:55	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 18:16	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 18:38	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 18:59	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 10/04/2022 12:07

Analysis Batch Number: 870018 End Date: 10/04/2022 16:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-870018/1		10/04/2022 12:07	1	K38860.D	Rtx-624 0.25(mm)
STD1 460-870018/3 IC		10/04/2022 12:52	1	K38862.D	Rtx-624 0.25(mm)
STD5 460-870018/4 IC		10/04/2022 13:14	1	K38863.D	Rtx-624 0.25(mm)
STD20 460-870018/5 ICIS		10/04/2022 13:36	1	K38864.D	Rtx-624 0.25(mm)
STD50 460-870018/6 IC		10/04/2022 13:58	1	K38865.D	Rtx-624 0.25(mm)
STD200 460-870018/7 IC		10/04/2022 14:21	1	K38866.D	Rtx-624 0.25(mm)
STD500 460-870018/8 IC		10/04/2022 14:43	1	K38867.D	Rtx-624 0.25(mm)
ICV 460-870018/14		10/04/2022 16:57	1	K38873.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 10/17/2022 09:07

Analysis Batch Number: 872353 End Date: 10/17/2022 19:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872353/2		10/17/2022 09:07	1	K39148.D	Rtx-624 0.25(mm)
LCS 460-872353/3		10/17/2022 09:30	1	K39149.D	Rtx-624 0.25(mm)
LCSD 460-872353/4		10/17/2022 09:53	1	K39150.D	Rtx-624 0.25(mm)
MB 460-872353/8		10/17/2022 11:49	1	K39154.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 12:12	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 13:42	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 15:35	1		Rtx-624 0.25(mm)
460-267360-12	L3-RI-SB-2B_15-16_20221012	10/17/2022 15:57	1	K39165.D	Rtx-624 0.25(mm)
460-267360-13	L3-RI-SB-2B_16-18_20221012	10/17/2022 16:20	1	K39166.D	Rtx-624 0.25(mm)
460-267360-15	L3-RI-SB-2B_20-22_20221012	10/17/2022 17:04	1	K39168.D	Rtx-624 0.25(mm)
460-267360-16	L3-RI-SB-2B_22-24_20221012	10/17/2022 17:27	1	K39169.D	Rtx-624 0.25(mm)
460-267360-17	L3-RI-SB-2B_24-26_20221012	10/17/2022 17:49	1	K39170.D	Rtx-624 0.25(mm)
460-267360-18	L3-RI-SB-2B_26-28_20221012	10/17/2022 18:12	1	K39171.D	Rtx-624 0.25(mm)
460-267360-19	L3-RI-SB-2B_28-30_20221012	10/17/2022 18:34	1	K39172.D	Rtx-624 0.25(mm)
460-267360-20	L3-RI-SB-2B_30-32_20221012	10/17/2022 18:56	1	K39173.D	Rtx-624 0.25(mm)
460-267360-21	L3-RI-SB-2B_32-34_20221012	10/17/2022 19:18	1	K39174.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 10/17/2022 19:46

Analysis Batch Number: 872456 End Date: 10/18/2022 05:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-872456/2		10/17/2022 19:46	1	K39176.D	Rtx-624 0.25(mm)
LCS 460-872456/3		10/17/2022 20:13	1	K39177.D	Rtx-624 0.25(mm)
LCSD 460-872456/4		10/17/2022 20:35	1	K39178.D	Rtx-624 0.25(mm)
MB 460-872456/8		10/17/2022 22:05	1	K39182.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 22:28	1		Rtx-624 0.25(mm)
460-267360-14	L3-RI-SB-2B_18-20_20221012	10/17/2022 22:50	1	K39184.D	Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 23:13	1		Rtx-624 0.25(mm)
ZZZZZ		10/17/2022 23:35	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 00:21	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 00:43	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 01:06	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 01:50	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 02:13	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 02:36	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 02:58	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 03:21	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 03:44	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 04:06	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 04:28	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 04:51	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 05:13	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 05:35	1		Rtx-624 0.25(mm)
ZZZZZ		10/18/2022 05:58	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 869565 Batch Start Date: 10/01/22 15:10 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00146	524freon 00057	8260 SP 00158	8260ISNEW 00171
BFB 460-869565/1		8260D		5 mL	5 mL				
STD8 460-869565/3 IC		8260D		5 mL	5 mL				1 uL
STD05 460-869565/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		1 uL
STD1 460-869565/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-869565/6 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-869565/7 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-869565/8 IC		8260D		5 mL	5 mL				1 uL
STD200 460-869565/9 IC		8260D		5 mL	5 mL				1 uL
STD500 460-869565/10 IC		8260D		5 mL	5 mL				1 uL
ICV 460-869565/18		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00159	8260SURR250 00232	8FreonHi 00049	8FreonsSS 00049	ACROLEIN SP 00142	ACROLEIN W 00144
BFB 460-869565/1		8260D							
STD8 460-869565/3 IC		8260D			1 uL				
STD05 460-869565/4 IC		8260D		5 uL	1 uL				2 uL
STD1 460-869565/5 IC		8260D		10 uL	1 uL				4 uL
STD5 460-869565/6 IC		8260D		10 uL	1 uL				4 uL
STD20 460-869565/7 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-869565/8 IC		8260D			1 uL	5 uL			10 uL
STD200 460-869565/9 IC		8260D			1 uL	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 869565 Batch Start Date: 10/01/22 15:10 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00159	8260SURR250 00232	8FreonHi 00049	8FreonsSS 00049	ACROLEIN SP 00142	ACROLEIN W 00144
STD500 460-869565/10 IC		8260D			1 uL	50 uL			40 uL
ICV 460-869565/18		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00104	BFB 00032	Ethanol mix 00069	GAS C SP 00482	GAS Hi 00425	GASES Li 00496
BFB 460-869565/1		8260D			1 uL				
STD8 460-869565/3 IC		8260D		20 uL					2.5 uL
STD05 460-869565/4 IC		8260D							5 uL
STD1 460-869565/5 IC		8260D							10 uL
STD5 460-869565/6 IC		8260D							10 uL
STD20 460-869565/7 ICIS		8260D							20 uL
STD50 460-869565/8 IC		8260D				5 uL		5 uL	
STD200 460-869565/9 IC		8260D				20 uL		20 uL	
STD500 460-869565/10 IC		8260D				50 uL		50 uL	
ICV 460-869565/18		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00128	MIX I Hi 00155				
BFB 460-869565/1		8260D							
STD8 460-869565/3 IC		8260D							
STD05 460-869565/4 IC		8260D							
STD1 460-869565/5 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 869565 Batch Start Date: 10/01/22 15:10 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00128	MIX I Hi 00155				
STD5 460-869565/6 IC		8260D							
STD20 460-869565/7 ICIS		8260D							
STD50 460-869565/8 IC		8260D		5 uL	5 uL				
STD200 460-869565/9 IC		8260D		20 uL	20 uL				
STD500 460-869565/10 IC		8260D		50 uL	50 uL				
ICV 460-869565/18		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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 869787 Batch Start Date: 10/03/22 20:18 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00146	524freon 00058	8260 SP 00159	8260ISNEW 00171
BFB 460-869787/1		8260D		5 mL	5 mL				1 uL
STD7 460-869787/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-869787/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-869787/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-869787/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-869787/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-869787/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-869787/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-869787/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00160	8260SURR250 00231	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00144
BFB 460-869787/1		8260D							
STD7 460-869787/3 IC		8260D			1 uL				
STD1 460-869787/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-869787/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-869787/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-869787/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-869787/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-869787/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-869787/17		8260D			1 uL		20 uL	4 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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 869787 Batch Start Date: 10/03/22 20:18 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00105	BFB 00032	Ethanol mix 00069	GAS C SP 00482	GAS Hi 00425	GASES Li 00496
BFB 460-869787/1		8260D			1 uL				
STD7 460-869787/3 IC		8260D		20 uL					2.5 uL
STD1 460-869787/4 IC		8260D							10 uL
STD5 460-869787/5 IC		8260D							10 uL
STD20 460-869787/6 ICIS		8260D							20 uL
STD50 460-869787/7 IC		8260D							50 uL
STD200 460-869787/8 IC		8260D				20 uL		20 uL	
STD500 460-869787/9 IC		8260D				50 uL		50 uL	
ICV 460-869787/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00128	MIX I Hi 00155				
BFB 460-869787/1		8260D							
STD7 460-869787/3 IC		8260D							
STD1 460-869787/4 IC		8260D							
STD5 460-869787/5 IC		8260D							
STD20 460-869787/6 ICIS		8260D							
STD50 460-869787/7 IC		8260D							
STD200 460-869787/8 IC		8260D		20 uL	20 uL				
STD500 460-869787/9 IC		8260D		50 uL	50 uL				
ICV 460-869787/17		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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 869787 Batch Start Date: 10/03/22 20:18 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 870018 Batch Start Date: 10/04/22 12:07 Batch Analyst: Baron, Mary

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260 SP 00159	8260ISNEW 00175	8260MIX1COMB 00160
BFB 460-870018/1		8260D		5 mL	5 mL				
STD1 460-870018/3 IC		8260D		5 mL	5 mL	1 uL		1 uL	1 uL
STD5 460-870018/4 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD20 460-870018/5 ICIS		8260D		5 mL	5 mL	2 uL		1 uL	2 uL
STD50 460-870018/6 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD200 460-870018/7 IC		8260D		5 mL	5 mL			1 uL	
STD500 460-870018/8 IC		8260D		5 mL	5 mL			1 uL	
ICV 460-870018/14		8260D		5 mL	5 mL		2 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00144	BFB 00032
BFB 460-870018/1		8260D							1 uL
STD1 460-870018/3 IC		8260D		1 uL				10 uL	
STD5 460-870018/4 IC		8260D		1 uL				20 uL	
STD20 460-870018/5 ICIS		8260D		1 uL				3 uL	
STD50 460-870018/6 IC		8260D		1 uL				4 uL	
STD200 460-870018/7 IC		8260D		1 uL	2 uL			5 uL	
STD500 460-870018/8 IC		8260D		1 uL	5 uL			6 uL	
ICV 460-870018/14		8260D		1 uL		2 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00069	GAS C SP 00482	GAS Hi 00425	GASES Li 00496	MIX 2 Hi 00128	MIX I Hi 00155

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.: 460-267360-1

SDG No.:

Batch Number: 870018 Batch Start Date: 10/04/22 12:07 Batch Analyst: Baron, Mary

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00069	GAS C SP 00482	GAS Hi 00425	GASES Li 00496	MIX 2 Hi 00128	MIX I Hi 00155
BFB 460-870018/1		8260D							
STD1 460-870018/3 IC		8260D					1 uL		
STD5 460-870018/4 IC		8260D					5 uL		
STD20 460-870018/5 ICIS		8260D					2 uL		
STD50 460-870018/6 IC		8260D					5 uL		
STD200 460-870018/7 IC		8260D		2 uL		2 uL		2 uL	2 uL
STD500 460-870018/8 IC		8260D		5 uL		5 uL		5 uL	5 uL
ICV 460-870018/14		8260D			2 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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 871531 Batch Start Date: 10/12/22 16:26 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260 SP 00159	8260ISNEW 00171	8260MIX1COMB 00160
BFB 460-871531/1		8260D		5 mL	5 mL				
STD5 460-871531/5 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD20 460-871531/6 ICIS		8260D		5 mL	5 mL	2 uL		1 uL	2 uL
STD50 460-871531/7 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD200 460-871531/8 IC		8260D		5 mL	5 mL			1 uL	
STD500 460-871531/9 IC		8260D		5 mL	5 mL			1 uL	
STD1 460-871531/19 IC		8260D		5 mL	5 mL	1 uL		1 uL	1 uL
ICV 460-871531/20		8260D		5 mL	5 mL		2 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145	BFB 00032
BFB 460-871531/1		8260D							1 uL
STD5 460-871531/5 IC		8260D		1 uL				20 uL	
STD20 460-871531/6 ICIS		8260D		1 uL				3 uL	
STD50 460-871531/7 IC		8260D		1 uL				4 uL	
STD200 460-871531/8 IC		8260D		1 uL	2 uL			5 uL	
STD500 460-871531/9 IC		8260D		1 uL	5 uL			6 uL	
STD1 460-871531/19 IC		8260D		1 uL				10 uL	
ICV 460-871531/20		8260D		1 uL		2 uL	3 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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 871531 Batch Start Date: 10/12/22 16:26 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00069	GAS C SP 00483	GAS Hi 00426	GASES Li 00497	MIX 2 Hi 00128	MIX I Hi 00155
BFB 460-871531/1		8260D							
STD5 460-871531/5 IC		8260D					5 uL		
STD20 460-871531/6 ICIS		8260D					2 uL		
STD50 460-871531/7 IC		8260D					5 uL		
STD200 460-871531/8 IC		8260D		2 uL		2 uL		2 uL	2 uL
STD500 460-871531/9 IC		8260D		5 uL		5 uL		5 uL	5 uL
STD1 460-871531/19 IC		8260D					1 uL		
ICV 460-871531/20		8260D			2 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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 871835 Batch Start Date: 10/13/22 22:12 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160
CCVIS 460-871835/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-871835/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-871835/8		8260D		5 mL	5 mL			1 uL	
460-267360-A-22	FB1_20221012	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-267360-A-23	TB1_20221012	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-267283-C-5 MS	GT-111	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-267283-C-5 MSD	GT-111	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00231	ACROLEIN W 00145	GASES Li 00497			
CCVIS 460-871835/2		8260D		1 uL	4 uL	20 uL			
LCS 460-871835/3		8260D		1 uL	4 uL	20 uL			
MB 460-871835/8		8260D		1 uL					
460-267360-A-22	FB1_20221012	8260D	T	1 uL					
460-267360-A-23	TB1_20221012	8260D	T	1 uL					
460-267283-C-5 MS	GT-111	8260D	T	1 uL	4 uL	20 uL			
460-267283-C-5 MSD	GT-111	8260D	T	1 uL	4 uL	20 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 871955 Batch Start Date: 10/14/22 10:39 Batch Analyst: Shelton, Samantha A

Batch Method: 5035 Batch End Date: 10/14/22 11:22

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-871955/1		5035, 8260D		5 g	5 mL				
460-267360-C-11	L3-SB-X1_20221012	5035, 8260D	T	4.75 g	5 mL				
460-267360-C-9	L2-RI-SB-10B_30-32_20221012	5035, 8260D	T	4.59 g	5 mL				
460-267360-D-10	L2-RI-SB-10B_32-34_20221012	5035, 8260D	T	4.26 g	5 mL				
460-267360-D-14	L3-RI-SB-2B_18-20_20221012	5035, 8260D	T	4.77 g	5 mL				
460-267360-C-15	L3-RI-SB-2B_20-22_20221012	5035, 8260D	T	4.40 g	5 mL				
460-267360-C-16	L3-RI-SB-2B_22-24_20221012	5035, 8260D	T	4.27 g	5 mL				
460-267360-C-17	L3-RI-SB-2B_24-26_20221012	5035, 8260D	T	5.02 g	5 mL				
460-267360-C-18	L3-RI-SB-2B_26-28_20221012	5035, 8260D	T	4.42 g	5 mL				
460-267360-C-19	L3-RI-SB-2B_28-30_20221012	5035, 8260D	T	3.88 g	5 mL				
460-267360-C-20	L3-RI-SB-2B_30-32_20221012	5035, 8260D	T	4.51 g	5 mL				
460-267360-C-21	L3-RI-SB-2B_32-34_20221012	5035, 8260D	T	4.44 g	5 mL				
460-267360-C-13	L3-RI-SB-2B_16-18_20221012	5035, 8260D	T	3.85 g	5 mL				
460-267360-C-12	L3-RI-SB-2B_15-16_20221012	5035, 8260D	T	4.47 g	5 mL				
460-267360-C-8	L2-RI-SB-10B_28-30_20221012	5035, 8260D	T	4.28 g	5 mL				
460-267360-C-7	L2-RI-SB-10B_26-28_20221012	5035, 8260D	T	4.39 g	5 mL				
460-267360-C-6	L2-RI-SB-10B_24-26_20221012	5035, 8260D	T	5.27 g	5 mL				
460-267360-C-3	L2-RI-SB-10B_18-20_20221012	5035, 8260D	T	4.95 g	5 mL				
460-267360-C-4	L2-RI-SB-10B_20-22_20221012	5035, 8260D	T	5.09 g	5 mL				
460-267360-C-5	L2-RI-SB-10B_22-24_20221012	5035, 8260D	T	4.84 g	5 mL				
460-267360-C-2	L2-RI-SB-10B_16-18_20221012	5035, 8260D	T	4.80 g	5 mL				

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.: 460-267360-1

SDG No.:

Batch Number: 871955 Batch Start Date: 10/14/22 10:39 Batch Analyst: Shelton, Samantha A

Batch Method: 5035 Batch End Date: 10/14/22 11:22

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
460-267360-D-1 MSD	L2-RI-SB-10B_15-16_20221012	5035, 8260D	T	5.25 g	5 mL				
460-267360-D-1 MS	L2-RI-SB-10B_15-16_20221012	5035, 8260D	T	5.21 g	5 mL				
460-267360-C-1	L2-RI-SB-10B_15-16_20221012	5035, 8260D	T	5.33 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0110901h

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872115 Batch Start Date: 10/15/22 07:11 Batch Analyst: Shelton, Samantha A

Batch Method: 5035 Batch End Date: 10/15/22 07:31

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VMC8PrepSU 00620			
460-267458-B-1	L3-PP-SB-1_5-6_20221013	5035, 8260D	T	4.00 g	10 mL	10 mL			

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	5
Vial Lot Number	0110901H
Batch Comment	methanol lot 288059

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872117 Batch Start Date: 10/15/22 07:31 Batch Analyst: Shelton, Samantha A

Batch Method: 5035 Batch End Date: 10/15/22 08:14

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-872117/1		5035, 8260D		5 g	5 mL				
460-267458-C-2	L3-PP-SB-1_6-8_20221013	5035, 8260D	T	5.19 g	5 mL				
460-267458-C-2 MS	L3-PP-SB-1_6-8_20221013	5035, 8260D	T	4.44 g	5 mL				
460-267458-C-2 MSD	L3-PP-SB-1_6-8_20221013	5035, 8260D	T	5.08 g	5 mL				
460-267458-C-3	L3-PP-SB-1_8-10_20221013	5035, 8260D	T	4.90 g	5 mL				
460-267458-D-4	L3-PP-SB-1_10-12_20221013	5035, 8260D	T	4.24 g	5 mL				
460-267458-C-5	L3-PP-SB-1_12-14_20221013	5035, 8260D	T	4.27 g	5 mL				
460-267458-C-6	L3-PP-SB-1_14-15_20221013	5035, 8260D	T	4.83 g	5 mL				
460-267458-C-11	L3-SB-X2_20221013	5035, 8260D	T	5.46 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0110901h

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872149 Batch Start Date: 10/15/22 13:08 Batch Analyst: Shelton, Samantha A

Batch Method: 5035 Batch End Date: 10/15/22 13:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VMC8PrepSU 00620			
460-267521-B-3	L3-PP-SB-2_5-6_20221013	5035, 8260D	T	4.42 g	10 mL	10 mL			
460-267521-B-3 MS	L3-PP-SB-2_5-6_20221013	5035, 8260D	T	4.42 g	10 mL	10 mL			
460-267521-B-3 MSD	L3-PP-SB-2_5-6_20221013	5035, 8260D	T	4.42 g	10 mL	10 mL			

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	5
Vial Lot Number	0110901H
Batch Comment	methanol lot 288059

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872153 Batch Start Date: 10/15/22 13:17 Batch Analyst: Shelton, Samantha A

Batch Method: 5035 Batch End Date: 10/15/22 13:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-872153/1		5035, 8260D		5 g	5 mL				
460-267521-C-4	L3-SB-X4_20221013	5035, 8260D	T	3.14 g	5 mL				
460-267521-D-5	L3-PP-SB-2_6-8_20221013	5035, 8260D	T	4.90 g	5 mL				
460-267521-C-6	L3-PP-SB-2_8-10_20221013	5035, 8260D	T	4.39 g	5 mL				
460-267521-C-7	L3-PP-SB-2_10-12_20221013	5035, 8260D	T	5.41 g	5 mL				
460-267521-C-8	L3-PP-SB-2_12-14_20221013	5035, 8260D	T	4.26 g	5 mL				
460-267521-D-9	L3-PP-SB-2_14-15_20221013	5035, 8260D	T	4.70 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0110901H

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872160 Batch Start Date: 10/15/22 18:04 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160
CCVIS 460-872160/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-872160/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-872160/7		8260D		5 mL	5 mL			1 uL	
460-267458-A-33	TB-2_20221013	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-267458-A-12	FB-2_20221013	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-267521-A-2	L3-FB-01_20221013	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	ACROLEIN W 00145	GASES Li 00498			
CCVIS 460-872160/3		8260D		1 uL	4 uL	20 uL			
LCS 460-872160/4		8260D		1 uL	4 uL	20 uL			
MB 460-872160/7		8260D		1 uL					
460-267458-A-33	TB-2_20221013	8260D	T	1 uL					
460-267458-A-12	FB-2_20221013	8260D	T	1 uL					
460-267521-A-2	L3-FB-01_20221013	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872260 Batch Start Date: 10/16/22 16:18 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160
CCVIS 460-872260/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-872260/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-872260/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-872260/8		8260D		5 mL	5 mL			1 uL	
460-267472-A-3 MS	P-6-US-EXTR	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-267472-A-3 MSD	P-6-US-EXTR	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	ACROLEIN W 00145	GASES Li 00498			
CCVIS 460-872260/3		8260D		1 uL	4 uL	20 uL			
LCS 460-872260/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-872260/5		8260D		1 uL	4 uL	20 uL			
MB 460-872260/8		8260D		1 uL					
460-267472-A-3 MS	P-6-US-EXTR	8260D	T	1 uL	4 uL	20 uL			
460-267472-A-3 MSD	P-6-US-EXTR	8260D	T	1 uL	4 uL	20 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872315 Batch Start Date: 10/17/22 04:01 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260 SP 00159	8260ISNEW 00171	8260MIX1COMB 00160
BFB 460-872315/1		8260D		5 mL	5 mL			1 uL	
STD1 460-872315/3 IC		8260D		5 mL	5 mL	1 uL		1 uL	1 uL
STD5 460-872315/4 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD20 460-872315/5 ICIS		8260D		5 mL	5 mL	2 uL		1 uL	2 uL
STD50 460-872315/6 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD200 460-872315/7 IC		8260D		5 mL	5 mL			1 uL	
STD500 460-872315/8 IC		8260D		5 mL	5 mL			1 uL	
ICV 460-872315/17		8260D		5 mL	5 mL		2 uL	1 uL	
LCS 460-872315/18		8260D		5 mL	5 mL		2 uL	1 uL	
LCSD 460-872315/19		8260D		5 mL	5 mL		2 uL	1 uL	
MB 460-872315/22		8260D		5 mL	5 mL			1 uL	
LB3 460-872117/1-A		8260D		5 mL	5 mL			1 uL	
460-267458-C-2-A	L3-PP-SB-1_6-8_20221013	8260D	T	5 mL	5 mL			1 uL	
460-267458-C-3-A	L3-PP-SB-1_8-10_20221013	8260D	T	5 mL	5 mL			1 uL	
460-267458-C-5-A	L3-PP-SB-1_12-14_20221013	8260D	T	5 mL	5 mL			1 uL	
460-267458-C-6-A	L3-PP-SB-1_14-15_20221013	8260D	T	5 mL	5 mL			1 uL	
460-267458-C-11-A	L3-SB-X2_20221013	8260D	T	5 mL	5 mL			1 uL	
460-267458-C-2-B MS	L3-PP-SB-1_6-8_20221013	8260D	T	5 mL	5 mL		2 uL	1 uL	
460-267458-C-2-C MSD	L3-PP-SB-1_6-8_20221013	8260D	T	5 mL	5 mL		2 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145	BFB 00032

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.: 460-267360-1

SDG No.:

Batch Number: 872315 Batch Start Date: 10/17/22 04:01 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145	BFB 00032
BFB 460-872315/1		8260D		1 uL					1 uL
STD1 460-872315/3 IC		8260D		1 uL				10 uL	
STD5 460-872315/4 IC		8260D		1 uL				20 uL	
STD20 460-872315/5 ICIS		8260D		1 uL				3 uL	
STD50 460-872315/6 IC		8260D		1 uL				4 uL	
STD200 460-872315/7 IC		8260D		1 uL	2 uL			5 uL	
STD500 460-872315/8 IC		8260D		1 uL	5 uL			6 uL	
ICV 460-872315/17		8260D		1 uL		2 uL	3 uL		
LCS 460-872315/18		8260D		1 uL		2 uL	3 uL		
LCSD 460-872315/19		8260D		1 uL		2 uL	3 uL		
MB 460-872315/22		8260D		1 uL					
LB3 460-872117/1-A		8260D		1 uL					
460-267458-C-2-A	L3-PP-SB-1_6-8_20221013	8260D	T	1 uL					
460-267458-C-3-A	L3-PP-SB-1_8-10_20221013	8260D	T	1 uL					
460-267458-C-5-A	L3-PP-SB-1_12-14_20221013	8260D	T	1 uL					
460-267458-C-6-A	L3-PP-SB-1_14-15_20221013	8260D	T	1 uL					
460-267458-C-11-A	L3-SB-X2_20221013	8260D	T	1 uL					
460-267458-C-2-B MS	L3-PP-SB-1_6-8_20221013	8260D	T	1 uL		2 uL	3 uL		
460-267458-C-2-C MSD	L3-PP-SB-1_6-8_20221013	8260D	T	1 uL		2 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00069	GAS C SP 00484	GAS Hi 00426	GASES Li 00498	MIX 2 Hi 00128	MIX I Hi 00155

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.: 460-267360-1

SDG No.:

Batch Number: 872315 Batch Start Date: 10/17/22 04:01 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00069	GAS C SP 00484	GAS Hi 00426	GASES Li 00498	MIX 2 Hi 00128	MIX I Hi 00155
BFB 460-872315/1		8260D							
STD1 460-872315/3 IC		8260D					1 uL		
STD5 460-872315/4 IC		8260D					5 uL		
STD20 460-872315/5 ICIS		8260D					2 uL		
STD50 460-872315/6 IC		8260D					5 uL		
STD200 460-872315/7 IC		8260D		2 uL		2 uL		2 uL	2 uL
STD500 460-872315/8 IC		8260D		5 uL		5 uL		5 uL	5 uL
ICV 460-872315/17		8260D			2 uL				
LCS 460-872315/18		8260D			2 uL				
LCSD 460-872315/19		8260D			2 uL				
MB 460-872315/22		8260D							
LB3 460-872117/1-A		8260D							
460-267458-C-2-A	L3-PP-SB-1_6-8_20221013	8260D	T						
460-267458-C-3-A	L3-PP-SB-1_8-10_20221013	8260D	T						
460-267458-C-5-A	L3-PP-SB-1_12-14_20221013	8260D	T						
460-267458-C-6-A	L3-PP-SB-1_14-15_20221013	8260D	T						
460-267458-C-11-A	L3-SB-X2_20221013	8260D	T						
460-267458-C-2-B MS	L3-PP-SB-1_6-8_20221013	8260D	T		2 uL				
460-267458-C-2-C MSD	L3-PP-SB-1_6-8_20221013	8260D	T		2 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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872315 Batch Start Date: 10/17/22 04:01 Batch Analyst: Tupayachi, Audberto

Batch 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872317 Batch Start Date: 10/17/22 04:19 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00232
CCVIS 460-872317/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872317/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872317/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-872317/7		8260D		5 mL	5 mL		1 uL		1 uL
LB3 460-871955/1-A		8260D		5 mL	5 mL		1 uL		1 uL
460-267360-C-1-C	L2-RI-SB-10B_15-16 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-2-A	L2-RI-SB-10B_16-18 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-3-A	L2-RI-SB-10B_18-20 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-4-A	L2-RI-SB-10B_20-22 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-5-A	L2-RI-SB-10B_22-24 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-6-A	L2-RI-SB-10B_24-26 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-7-A	L2-RI-SB-10B_26-28 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-8-A	L2-RI-SB-10B_28-30 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-9-A	L2-RI-SB-10B_30-32 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872317/2		8260D		3 uL	2 uL				
LCS 460-872317/3		8260D		3 uL	2 uL				
LCSD 460-872317/4		8260D		3 uL	2 uL				
MB 460-872317/7		8260D							
LB3 460-871955/1-A		8260D							
460-267360-C-1-C	L2-RI-SB-10B_15-16 20221012	8260D	T						

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.: 460-267360-1

SDG No.:

Batch Number: 872317 Batch Start Date: 10/17/22 04:19 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
460-267360-C-2-A	L2-RI-SB-10B_16-18_20221012	8260D	T						
460-267360-C-3-A	L2-RI-SB-10B_18-20_20221012	8260D	T						
460-267360-C-4-A	L2-RI-SB-10B_20-22_20221012	8260D	T						
460-267360-C-5-A	L2-RI-SB-10B_22-24_20221012	8260D	T						
460-267360-C-6-A	L2-RI-SB-10B_24-26_20221012	8260D	T						
460-267360-C-7-A	L2-RI-SB-10B_26-28_20221012	8260D	T						
460-267360-C-8-A	L2-RI-SB-10B_28-30_20221012	8260D	T						
460-267360-C-9-A	L2-RI-SB-10B_30-32_20221012	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872353 Batch Start Date: 10/17/22 09:07 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00175	8260MIX1COMB 00160	8260SURR250 00232
CCVIS 460-872353/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872353/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872353/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-872353/8		8260D		5 mL	5 mL		1 uL		1 uL
460-267360-C-12-A	L3-RI-SB-2B_15-16_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-13-A	L3-RI-SB-2B_16-18_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-15-A	L3-RI-SB-2B_20-22_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-16-A	L3-RI-SB-2B_22-24_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-17-A	L3-RI-SB-2B_24-26_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-18-A	L3-RI-SB-2B_26-28_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-19-A	L3-RI-SB-2B_28-30_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-20-A	L3-RI-SB-2B_30-32_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-21-A	L3-RI-SB-2B_32-34_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872353/2		8260D		3 uL	2 uL				
LCS 460-872353/3		8260D		3 uL	2 uL				
LCSD 460-872353/4		8260D		3 uL	2 uL				
MB 460-872353/8		8260D							
460-267360-C-12-A	L3-RI-SB-2B_15-16_20221012	8260D	T						
460-267360-C-13-A	L3-RI-SB-2B_16-18_20221012	8260D	T						
460-267360-C-15-A	L3-RI-SB-2B_20-22_20221012	8260D	T						

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.: 460-267360-1

SDG No.:

Batch Number: 872353 Batch Start Date: 10/17/22 09:07 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
460-267360-C-16-A	L3-RI-SB-2B_22-24_20221012	8260D	T						
460-267360-C-17-A	L3-RI-SB-2B_24-26_20221012	8260D	T						
460-267360-C-18-A	L3-RI-SB-2B_26-28_20221012	8260D	T						
460-267360-C-19-A	L3-RI-SB-2B_28-30_20221012	8260D	T						
460-267360-C-20-A	L3-RI-SB-2B_30-32_20221012	8260D	T						
460-267360-C-21-A	L3-RI-SB-2B_32-34_20221012	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872367 Batch Start Date: 10/17/22 09:25 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160
CCVIS 460-872367/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-872367/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-872367/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-872367/8		8260D		5 mL	5 mL			1 uL	
460-267521-B-1	L3-TB-01_20221013	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	ACROLEIN W 00145	GASES Li 00498			
CCVIS 460-872367/2		8260D		1 uL	4 uL	20 uL			
LCS 460-872367/3		8260D		1 uL	4 uL	20 uL			
LCSD 460-872367/4		8260D		1 uL	4 uL	20 uL			
MB 460-872367/8		8260D		1 uL					
460-267521-B-1	L3-TB-01_20221013	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872430 Batch Start Date: 10/17/22 18:38 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00232
CCVIS 460-872430/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872430/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872430/5		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-872430/7		8260D		5 mL	5 mL		1 uL		1 uL
460-267360-D-10-A	L2-RI-SB-10B_32-34 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-C-11-A	L3-SB-X1_20221012	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267360-D-1-B MS	L2-RI-SB-10B_15-16 20221012	8260D	T	5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
460-267360-D-1-A MSD	L2-RI-SB-10B_15-16 20221012	8260D	T	5 mL	5 mL	2 uL	1 uL	2 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872430/3		8260D		3 uL	2 uL				
LCS 460-872430/4		8260D		3 uL	2 uL				
LCSD 460-872430/5		8260D		3 uL	2 uL				
MB 460-872430/7		8260D							
460-267360-D-10-A	L2-RI-SB-10B_32-34 20221012	8260D	T						
460-267360-C-11-A	L3-SB-X1_20221012	8260D	T						
460-267360-D-1-B MS	L2-RI-SB-10B_15-16 20221012	8260D	T	3 uL	2 uL				
460-267360-D-1-A MSD	L2-RI-SB-10B_15-16 20221012	8260D	T	3 uL	2 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.: 460-267360-1

SDG No.:

Batch Number: 872430 Batch Start Date: 10/17/22 18:38 Batch Analyst: Tupayachi, Audberto

Batch 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872434 Batch Start Date: 10/17/22 19:00 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00232
CCVIS 460-872434/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872434/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872434/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
460-267458-D-4-A	L3-PP-SB-1_10-12 20221013	8260D	T	5 mL	5 mL		1 uL		1 uL
MB 460-872434/31		8260D		5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872434/2		8260D		3 uL	2 uL				
LCS 460-872434/3		8260D		3 uL	2 uL				
LCSD 460-872434/4		8260D		3 uL	2 uL				
460-267458-D-4-A	L3-PP-SB-1_10-12 20221013	8260D	T						
MB 460-872434/31		8260D							

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872456 Batch Start Date: 10/17/22 19:46 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00175	8260MIX1COMB 00160	8260SURR250 00232
CCVIS 460-872456/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872456/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872456/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-872456/8		8260D		5 mL	5 mL		1 uL		1 uL
460-267360-D-14 -A	L3-RI-SB-2B_18-2 0 20221012	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872456/2		8260D		3 uL	2 uL				
LCS 460-872456/3		8260D		3 uL	2 uL				
LCSD 460-872456/4		8260D		3 uL	2 uL				
MB 460-872456/8		8260D							
460-267360-D-14 -A	L3-RI-SB-2B_18-2 0 20221012	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872520 Batch Start Date: 10/18/22 07:03 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00232
CCVIS 460-872520/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872520/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872520/5		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-872520/9		8260D		5 mL	5 mL		1 uL		1 uL
460-267521-C-4-A	L3-SB-X4_20221013	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267521-C-6-A	L3-PP-SB-2_8-10_20221013	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267521-C-7-A	L3-PP-SB-2_10-12 20221013	8260D	T	5 mL	5 mL		1 uL		1 uL
460-267521-C-8-A	L3-PP-SB-2_12-14 20221013	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872520/3		8260D		3 uL	2 uL				
LCS 460-872520/4		8260D		3 uL	2 uL				
LCSD 460-872520/5		8260D		3 uL	2 uL				
MB 460-872520/9		8260D							
460-267521-C-4-A	L3-SB-X4_20221013	8260D	T						
460-267521-C-6-A	L3-PP-SB-2_8-10_20221013	8260D	T						
460-267521-C-7-A	L3-PP-SB-2_10-12 20221013	8260D	T						
460-267521-C-8-A	L3-PP-SB-2_12-14 20221013	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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872520 Batch Start Date: 10/18/22 07:03 Batch Analyst: Tupayachi, Audberto

Batch 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872551 Batch Start Date: 10/18/22 08:25 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00231
CCVIS 460-872551/2		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-872551/3		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-872551/4		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-872551/8		8260D		5 mL	5 mL		1 uL		1 uL
460-267521-B-3-A	L3-PP-SB-2_5-6_20221013	8260D	T	5 mL	5 mL		1 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872551/2		8260D		4 uL	20 uL				
LCS 460-872551/3		8260D		4 uL	20 uL				
LCSD 460-872551/4		8260D		4 uL	20 uL				
MB 460-872551/8		8260D							
460-267521-B-3-A	L3-PP-SB-2_5-6_20221013	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872654 Batch Start Date: 10/18/22 19:06 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00233
CCVIS 460-872654/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872654/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872654/5		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-872654/9		8260D		5 mL	5 mL		1 uL		1 uL
460-267521-D-5-A	L3-PP-SB-2_6-8_20221013	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872654/3		8260D		3 uL	2 uL				
LCS 460-872654/4		8260D		3 uL	2 uL				
LCSD 460-872654/5		8260D		3 uL	2 uL				
MB 460-872654/9		8260D							
460-267521-D-5-A	L3-PP-SB-2_6-8_20221013	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872711 Batch Start Date: 10/18/22 21:36 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00231
CCVIS 460-872711/3		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-872711/4		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-872711/5		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-872711/9		8260D		5 mL	5 mL		1 uL		1 uL
460-267458-B-1-A	L3-PP-SB-1_5-6_20221013	8260D	T	5 mL	5 mL		1 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872711/3		8260D		4 uL	20 uL				
LCS 460-872711/4		8260D		4 uL	20 uL				
LCSD 460-872711/5		8260D		4 uL	20 uL				
MB 460-872711/9		8260D							
460-267458-B-1-A	L3-PP-SB-1_5-6_20221013	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872987 Batch Start Date: 10/20/22 05:27 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00233
CCVIS 460-872987/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-872987/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-872987/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-872987/8		8260D		5 mL	5 mL		1 uL		1 uL
460-267521-D-9-A	L3-PP-SB-2_14-15 20221013	8260D	T	5 mL	5 mL		1 uL		1 uL
LB3 460-872153/1-A		8260D		5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-872987/2		8260D		3 uL	2 uL				
LCS 460-872987/3		8260D		3 uL	2 uL				
LCSD 460-872987/4		8260D		3 uL	2 uL				
MB 460-872987/8		8260D							
460-267521-D-9-A	L3-PP-SB-2_14-15 20221013	8260D	T						
LB3 460-872153/1-A		8260D							

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 873073 Batch Start Date: 10/20/22 13:04 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00146	524freon 00058	8260 SP 00159	8260ISNEW 00171
BFB 460-873073/1		8260D		5 mL	5 mL				1 uL
STD7 460-873073/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-873073/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-873073/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-873073/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-873073/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-873073/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-873073/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-873073/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00160	8260SURR250 00231	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145
BFB 460-873073/1		8260D							
STD7 460-873073/3 IC		8260D			1 uL				
STD1 460-873073/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-873073/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-873073/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-873073/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-873073/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-873073/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-873073/17		8260D			1 uL		20 uL	4 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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 873073 Batch Start Date: 10/20/22 13:04 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00105	BFB 00032	Ethanol mix 00069	GAS C SP 00484	GAS Hi 00426	GASES Li 00498
BFB 460-873073/1		8260D			1 uL				
STD7 460-873073/3 IC		8260D		20 uL					2.5 uL
STD1 460-873073/4 IC		8260D							10 uL
STD5 460-873073/5 IC		8260D							10 uL
STD20 460-873073/6 ICIS		8260D							20 uL
STD50 460-873073/7 IC		8260D							50 uL
STD200 460-873073/8 IC		8260D				20 uL		20 uL	
STD500 460-873073/9 IC		8260D				50 uL		50 uL	
ICV 460-873073/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00128	MIX I Hi 00155				
BFB 460-873073/1		8260D							
STD7 460-873073/3 IC		8260D							
STD1 460-873073/4 IC		8260D							
STD5 460-873073/5 IC		8260D							
STD20 460-873073/6 ICIS		8260D							
STD50 460-873073/7 IC		8260D							
STD200 460-873073/8 IC		8260D		20 uL	20 uL				
STD500 460-873073/9 IC		8260D		50 uL	50 uL				
ICV 460-873073/17		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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 873073 Batch Start Date: 10/20/22 13:04 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

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 Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 873205 Batch Start Date: 10/20/22 21:28 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00058	8260ISNEW 00171	8260MIX1COMB 00160	8260SURR250 00231
CCVIS 460-873205/3		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-873205/4		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-873205/5		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-873205/10		8260D		5 mL	5 mL		1 uL		1 uL
460-267521-B-3-B MS	L3-PP-SB-2_5-6_20221013	8260D	T	5 mL	5 mL	20 uL	1 uL	20 uL	
460-267521-B-3-C MSD	L3-PP-SB-2_5-6_20221013	8260D	T	5 mL	5 mL	20 uL	1 uL	20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00145	GASES Li 00498				
CCVIS 460-873205/3		8260D		4 uL	20 uL				
LCS 460-873205/4		8260D		4 uL	20 uL				
LCSD 460-873205/5		8260D		4 uL	20 uL				
MB 460-873205/10		8260D							
460-267521-B-3-B MS	L3-PP-SB-2_5-6_20221013	8260D	T	4 uL	20 uL				
460-267521-B-3-C MSD	L3-PP-SB-2_5-6_20221013	8260D	T	4 uL	20 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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-267360-1

SDG No.:

Project: Atlantic Chestnut Lot 3

Client Sample ID	Lab Sample ID
L2-RI-SB-10B_15-16_20221012	460-267360-1
L2-RI-SB-10B_16-18_20221012	460-267360-2
L2-RI-SB-10B_18-20_20221012	460-267360-3
L2-RI-SB-10B_20-22_20221012	460-267360-4
L2-RI-SB-10B_22-24_20221012	460-267360-5
L2-RI-SB-10B_24-26_20221012	460-267360-6
L2-RI-SB-10B_26-28_20221012	460-267360-7
L2-RI-SB-10B_28-30_20221012	460-267360-8
L2-RI-SB-10B_30-32_20221012	460-267360-9
L2-RI-SB-10B_32-34_20221012	460-267360-10
L3-SB-X1_20221012	460-267360-11
L3-RI-SB-2B_15-16_20221012	460-267360-12
L3-RI-SB-2B_16-18_20221012	460-267360-13
L3-RI-SB-2B_18-20_20221012	460-267360-14
L3-RI-SB-2B_20-22_20221012	460-267360-15
L3-RI-SB-2B_22-24_20221012	460-267360-16
L3-RI-SB-2B_24-26_20221012	460-267360-17
L3-RI-SB-2B_26-28_20221012	460-267360-18
L3-RI-SB-2B_28-30_20221012	460-267360-19
L3-RI-SB-2B_30-32_20221012	460-267360-20
L3-RI-SB-2B_32-34_20221012	460-267360-21
L3-PP-SB-1_5-6_20221013	460-267458-1
L3-PP-SB-1_6-8_20221013	460-267458-2
L3-PP-SB-1_8-10_20221013	460-267458-3
L3-PP-SB-1_10-12_20221013	460-267458-4
L3-PP-SB-1_12-14_20221013	460-267458-5
L3-PP-SB-1_14-15_20221013	460-267458-6
L3-SB-X2_20221013	460-267458-11
L3-PP-SB-2_5-6_20221013	460-267521-3
L3-SB-X4_20221013	460-267521-4
L3-PP-SB-2_6-8_20221013	460-267521-5
L3-PP-SB-2_8-10_20221013	460-267521-6
L3-PP-SB-2_10-12_20221013	460-267521-7
L3-PP-SB-2_12-14_20221013	460-267521-8
L3-PP-SB-2_14-15_20221013	460-267521-9

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-267360-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-267360-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/16/2022 16:17 End Date: 10/16/2022 16:17

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:17																					
ZZZZZZ			16:17																					
ZZZZZZ			16:17																					
ZZZZZZ			16:17																					
ZZZZZZ			16:17																					
ZZZZZZ			16:17																					
ZZZZZZ			16:17																					
ZZZZZZ			16:17																					
460-267360-1	1	T	16:17	X	X																			
460-267360-1 MS	1	T	16:17	X	X																			
460-267360-1 MSD	1	T	16:17	X	X																			
460-267360-2	1	T	16:17	X	X																			
460-267360-3	1	T	16:17	X	X																			
460-267360-4	1	T	16:17	X	X																			
460-267360-5	1	T	16:17	X	X																			
460-267360-6	1	T	16:17	X	X																			
460-267360-6 DU	1	T	16:17	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/16/2022 16:18 End Date: 10/16/2022 16:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			16:18																				
460-267360-7	1	T	16:18	X	X																		
460-267360-8	1	T	16:18	X	X																		
460-267360-9	1	T	16:18	X	X																		
460-267360-10	1	T	16:18	X	X																		
460-267360-11	1	T	16:18	X	X																		
460-267360-12	1	T	16:18	X	X																		
460-267360-13	1	T	16:18	X	X																		
460-267360-14	1	T	16:18	X	X																		
460-267360-15	1	T	16:18	X	X																		
460-267360-16	1	T	16:18	X	X																		
460-267360-17	1	T	16:18	X	X																		
460-267360-18	1	T	16:18	X	X																		
460-267360-19	1	T	16:18	X	X																		
460-267360-20	1	T	16:18	X	X																		
460-267360-21	1	T	16:18	X	X																		
460-267360-21 DU	1	T	16:18	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/17/2022 20:24 End Date: 10/17/2022 20:24

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
ZZZZZZ			20:24																					
460-267458-1	1	T	20:24	X	X																			
460-267458-2	1	T	20:24	X	X																			
460-267458-2 MS	1	T	20:24	X	X																			
460-267458-2 MSD	1	T	20:24	X	X																			
460-267458-3	1	T	20:24	X	X																			
460-267458-4	1	T	20:24	X	X																			
460-267458-5	1	T	20:24	X	X																			
460-267458-5 DU	1	T	20:24	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/17/2022 20:25 End Date: 10/17/2022 20:25

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			20:25																				
460-267458-6	1	T	20:25	X	X																		
460-267458-11	1	T	20:25	X	X																		
ZZZZZZ			20:25																				
460-267458-A-13 MS	1	T	20:25	X	X																		
460-267458-A-13 MSD	1	T	20:25	X	X																		
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
ZZZZZZ			20:25																				
460-267687-A-4 DU	1	T	20:25	X	X																		

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/19/2022 07:34 End Date: 10/19/2022 07:34

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			07:34																					
460-267521-3	1	T	07:34	X	X																			
460-267521-3 MS	1	T	07:34	X	X																			
460-267521-3 MSD	1	T	07:34	X	X																			
460-267521-4	1	T	07:34	X	X																			
460-267521-5	1	T	07:34	X	X																			
460-267521-6	1	T	07:34	X	X																			
460-267521-7	1	T	07:34	X	X																			
460-267521-8	1	T	07:34	X	X																			
460-267521-9	1	T	07:34	X	X																			
ZZZZZZ			07:34																					
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460-267672-A-1 DU	1	T	07:34	X	X																			

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-267360-1

Batch: 872256 **Analyst Initials: CJC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-267360-A-1

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	9.8562628336756	%
Percent Solids	None	1	90.1437371663244	%

Lab Sample ID: 460-267360-A-1 MS

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	9.2057761732852	%
Percent Solids	None	1	90.7942238267148	%

Lab Sample ID: 460-267360-A-1 MSD

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	8.2375478927203	%
Percent Solids	None	1	91.7624521072797	%

Lab Sample ID: 460-267360-A-2

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	6.2753036437247	%
Percent Solids	None	1	93.7246963562753	%

Lab Sample ID: 460-267360-A-3

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.55871886121	%
Percent Solids	None	1	96.44128113879	%

Lab Sample ID: 460-267360-A-4

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	8.421052631579	%
Percent Solids	None	1	91.578947368421	%

Lab Sample ID: 460-267360-A-5

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.7037037037037	%
Percent Solids	None	1	96.2962962962963	%

Lab Sample ID: 460-267360-A-6

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	11.1111111111111	%
Percent Solids	None	1	88.8888888888889	%

Lab Sample ID: 460-267360-A-6 DU

Analysis Date: Oct 16, 2022 16:17

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	10.3386809269162	%
Percent Solids	None	1	89.6613190730838	%

General Chemistry Raw Data Report

Job ID: 460-267360-1

Batch: 872257 **Analyst Initials: CJC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-267360-A-7

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.1276595744681	%
Percent Solids	None	1	97.8723404255319	%

Lab Sample ID: 460-267360-A-8

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4	%
Percent Solids	None	1	96	%

Lab Sample ID: 460-267360-A-9

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.02542372881349	%
Percent Solids	None	1	95.9745762711865	%

Lab Sample ID: 460-267360-A-10

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	8.1447963800905	%
Percent Solids	None	1	91.8552036199095	%

Lab Sample ID: 460-267360-A-11

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	7.8585461689587	%
Percent Solids	None	1	92.1414538310413	%

Lab Sample ID: 460-267360-A-12

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.08163265306121	%
Percent Solids	None	1	95.9183673469388	%

Lab Sample ID: 460-267360-A-13

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.8759689922481	%
Percent Solids	None	1	96.1240310077519	%

Lab Sample ID: 460-267360-A-14

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.82293762575451	%
Percent Solids	None	1	96.1770623742455	%

Lab Sample ID: 460-267360-A-15

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.9351851851852	%
Percent Solids	None	1	96.0648148148148	%

Batch: 872257 (Continued)
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-267360-A-16

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.771855010661	%
Percent Solids	None	1	97.228144989339	%

Lab Sample ID: 460-267360-A-17

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.8732943469786	%
Percent Solids	None	1	95.1267056530214	%

Lab Sample ID: 460-267360-A-18

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.302925989673	%
Percent Solids	None	1	95.697074010327	%

Lab Sample ID: 460-267360-A-19

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.75735294117651	%
Percent Solids	None	1	97.2426470588235	%

Lab Sample ID: 460-267360-A-20

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.5454545454546	%
Percent Solids	None	1	95.4545454545454	%

Lab Sample ID: 460-267360-A-21

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.4585987261146	%
Percent Solids	None	1	95.5414012738854	%

Lab Sample ID: 460-267360-A-21 DU

Analysis Date: Oct 16, 2022 16:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.92957746478869	%
Percent Solids	None	1	95.0704225352113	%

Batch: 872476
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-267458-A-1

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.6390977443609	%
Percent Solids	None	1	94.3609022556391	%

Batch: 872476 (Continued)
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-267458-A-2

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.5372050816697	%
Percent Solids	None	1	95.4627949183303	%

Lab Sample ID: 460-267458-A-2 MS

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	6.15942028985511	%
Percent Solids	None	1	93.8405797101449	%

Lab Sample ID: 460-267458-A-2 MSD

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	6.7061143984221	%
Percent Solids	None	1	93.2938856015779	%

Lab Sample ID: 460-267458-A-3

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.5	%
Percent Solids	None	1	97.5	%

Lab Sample ID: 460-267458-A-4

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.5019455252918	%
Percent Solids	None	1	96.4980544747082	%

Lab Sample ID: 460-267458-A-5

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.8	%
Percent Solids	None	1	96.2	%

Lab Sample ID: 460-267458-A-5 DU

Analysis Date: Oct 17, 2022 20:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.66598778004069	%
Percent Solids	None	1	96.3340122199593	%

Batch: 872477
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-267458-A-6

Analysis Date: Oct 17, 2022 20:25

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.3359683794466	%
Percent Solids	None	1	94.6640316205534	%

Batch: 872477 (Continued)
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-267458-A-11

Analysis Date: Oct 17, 2022 20:25

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.4491525423729	%
Percent Solids	None	1	95.5508474576271	%

Lab Sample ID: 460-267458-A-13 MS

Analysis Date: Oct 17, 2022 20:25

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.31578947368421	%
Percent Solids	None	1	97.6842105263158	%

Lab Sample ID: 460-267458-A-13 MSD

Analysis Date: Oct 17, 2022 20:25

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.5316455696203	%
Percent Solids	None	1	97.4683544303797	%

Lab Sample ID: 460-267687-A-4 DU

Analysis Date: Oct 17, 2022 20:25

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	10.8058608058608	%
Percent Solids	None	1	89.1941391941392	%

Batch: 872779
Method: Moisture

Analyst Initials: RLL
Instrument: No Equipment

Lab Sample ID: 460-267521-A-3

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	9.8790322580645	%
Percent Solids	None	1	90.1209677419355	%

Lab Sample ID: 460-267521-A-3 MS

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	9.8790322580645	%
Percent Solids	None	1	90.1209677419355	%

Lab Sample ID: 460-267521-A-3 MSD

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	9.8790322580645	%
Percent Solids	None	1	90.1209677419355	%

Lab Sample ID: 460-267521-A-4

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	10.062893081761	%
Percent Solids	None	1	89.937106918239	%

Batch: 872779 (Continued)
Method: Moisture

Analyst Initials: RLL
Instrument: No Equipment

Lab Sample ID: 460-267521-A-5

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.35684647302899	%
Percent Solids	None	1	95.643153526971	%

Lab Sample ID: 460-267521-A-6

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.6437246963563	%
Percent Solids	None	1	96.3562753036437	%

Lab Sample ID: 460-267521-A-7

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	16.4210526315789	%
Percent Solids	None	1	83.5789473684211	%

Lab Sample ID: 460-267521-A-8

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.23138832997989	%
Percent Solids	None	1	94.7686116700201	%

Lab Sample ID: 460-267521-A-9

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.87044534412961	%
Percent Solids	None	1	94.1295546558704	%

Lab Sample ID: 460-267672-A-1 DU

Analysis Date: Oct 19, 2022 07:34

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	30.4609218436874	%
Percent Solids	None	1	69.5390781563126	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872256 Batch Start Date: 10/16/22 16:17 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-267360-A-1	L2-RI-SB-10B_15-16_20221012	Moisture	T	31	28.73 g	33.60 g	33.12 g	9.8562628336756 %	90.143737166324 %
460-267360-A-1 MS	L2-RI-SB-10B_15-16_20221012	Moisture	T	32	28.11 g	33.65 g	33.14 g	9.2057761732852 %	90.794223826714 %
460-267360-A-1 MSD	L2-RI-SB-10B_15-16_20221012	Moisture	T	33	27.13 g	32.35 g	31.92 g	8.2375478927203 %	91.762452107279 7 %
460-267360-A-2	L2-RI-SB-10B_16-18_20221012	Moisture	T	34	30.88 g	35.82 g	35.51 g	6.2753036437247 %	93.724696356275 3 %
460-267360-A-3	L2-RI-SB-10B_18-20_20221012	Moisture	T	35	25.14 g	30.76 g	30.56 g	3.55871886121 %	96.44128113879 %
460-267360-A-4	L2-RI-SB-10B_20-22_20221012	Moisture	T	36	23.75 g	28.50 g	28.10 g	8.421052631579 %	91.578947368421 %
460-267360-A-5	L2-RI-SB-10B_22-24_20221012	Moisture	T	37	26.78 g	31.37 g	31.20 g	3.7037037037037 %	96.296296296296 3 %
460-267360-A-6	L2-RI-SB-10B_24-26_20221012	Moisture	T	38	29.54 g	34.22 g	33.70 g	11.111111111111 1 %	88.888888888888 9 %
460-267360-A-6 DU	L2-RI-SB-10B_24-26_20221012	Moisture	T	39	28.13 g	33.74 g	33.16 g	10.338680926916 2 %	89.661319073083 8 %

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	10/16/2022
Time samples were place in the oven	17:09
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	10/16/2022
Time Samples were removed from oven	17:31
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872257 Batch Start Date: 10/16/22 16:18 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-267360-A-7	L2-RI-SB-10B_26-28_20221012	Moisture	T	46	25.99 g	31.63 g	31.51 g	2.1276595744681 %	97.872340425531 9 %
460-267360-A-8	L2-RI-SB-10B_28-30_20221012	Moisture	T	47	26.85 g	31.60 g	31.41 g	4 %	96 %
460-267360-A-9	L2-RI-SB-10B_30-32_20221012	Moisture	T	48	28.70 g	33.42 g	33.23 g	4.0254237288134 9 %	95.974576271186 5 %
460-267360-A-10	L2-RI-SB-10B_32-34_20221012	Moisture	T	49	27.79 g	32.21 g	31.85 g	8.1447963800905 %	91.855203619909 5 %
460-267360-A-11	L3-SB-X1_20221012	Moisture	T	50	28.19 g	33.28 g	32.88 g	7.8585461689587 %	92.141453831041 3 %
460-267360-A-12	L3-RI-SB-2B_15-16_20221012	Moisture	T	51	24.22 g	29.61 g	29.39 g	4.0816326530612 1 %	95.918367346938 8 %
460-267360-A-13	L3-RI-SB-2B_16-18_20221012	Moisture	T	52	28.49 g	33.65 g	33.45 g	3.8759689922481 %	96.124031007751 9 %
460-267360-A-14	L3-RI-SB-2B_18-20_20221012	Moisture	T	53	27.26 g	32.23 g	32.04 g	3.8229376257545 1 %	96.177062374245 5 %
460-267360-A-15	L3-RI-SB-2B_20-22_20221012	Moisture	T	54	28.97 g	33.29 g	33.12 g	3.9351851851852 %	96.064814814814 8 %
460-267360-A-16	L3-RI-SB-2B_22-24_20221012	Moisture	T	55	27.91 g	32.60 g	32.47 g	2.771855010661 %	97.228144989339 %
460-267360-A-17	L3-RI-SB-2B_24-26_20221012	Moisture	T	56	27.56 g	32.69 g	32.44 g	4.8732943469786 %	95.126705653021 4 %
460-267360-A-18	L3-RI-SB-2B_26-28_20221012	Moisture	T	57	28.05 g	33.86 g	33.61 g	4.302925989673 %	95.697074010327 %
460-267360-A-19	L3-RI-SB-2B_28-30_20221012	Moisture	T	58	24.33 g	29.77 g	29.62 g	2.7573529411765 1 %	97.242647058823 5 %
460-267360-A-20	L3-RI-SB-2B_30-32_20221012	Moisture	T	59	25.35 g	30.63 g	30.39 g	4.5454545454546 %	95.454545454545 4 %
460-267360-A-21	L3-RI-SB-2B_32-34_20221012	Moisture	T	60	26.91 g	31.62 g	31.41 g	4.4585987261146 %	95.541401273885 4 %
460-267360-A-21 DU	L3-RI-SB-2B_32-34_20221012	Moisture	T	61	23.04 g	28.72 g	28.44 g	4.9295774647886 9 %	95.070422535211 3 %

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872257 Batch Start Date: 10/16/22 16:18 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	10/16/2022
Time samples were place in the oven	17:09
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	10/16/2022
Time Samples were removed from oven	17:31
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872476 Batch Start Date: 10/17/22 20:24 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-267458-A-1	L3-PP-SB-1_5-6_20221013	Moisture	T	56	27.57 g	32.89 g	32.59 g	5.6390977443609 %	94.360902255639 1 %
460-267458-A-2	L3-PP-SB-1_6-8_20221013	Moisture	T	57	28.05 g	33.56 g	33.31 g	4.5372050816697 %	95.462794918330 3 %
460-267458-A-2 MS	L3-PP-SB-1_6-8_20221013	Moisture	T	58	24.31 g	29.83 g	29.49 g	6.1594202898551 1 %	93.840579710144 9 %
460-267458-A-2 MSD	L3-PP-SB-1_6-8_20221013	Moisture	T	59	25.35 g	30.42 g	30.08 g	6.7061143984221 %	93.293885601577 9 %
460-267458-A-3	L3-PP-SB-1_8-10_20221013	Moisture	T	60	26.92 g	31.72 g	31.60 g	2.5 %	97.5 %
460-267458-A-4	L3-PP-SB-1_10-12_20221013	Moisture	T	61	23.07 g	28.21 g	28.03 g	3.5019455252918 %	96.498054474708 2 %
460-267458-A-5	L3-PP-SB-1_12-14_20221013	Moisture	T	62	26.79 g	31.79 g	31.60 g	3.8 %	96.2 %
460-267458-A-5 DU	L3-PP-SB-1_12-14_20221013	Moisture	T	63	27.96 g	32.87 g	32.69 g	3.6659877800406 9 %	96.334012219959 3 %

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	10/17/2022
Time samples were place in the oven	21:46
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	10/17/2022
Time Samples were removed from oven	22:08
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872477 Batch Start Date: 10/17/22 20:25 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-267458-A-6	L3-PP-SB-1_14-15 20221013	Moisture	T	68	27.36 g	32.42 g	32.15 g	5.3359683794466 %	94.664031620553 4 %
460-267458-A-11	L3-SB-X2_20221013	Moisture	T	69	27.75 g	32.47 g	32.26 g	4.4491525423729 %	95.550847457627 1 %
460-267458-A-13 MS		Moisture	T	71	24.76 g	29.51 g	29.40 g	2.3157894736842 1 %	97.684210526315 8 %
460-267458-A-13 MSD		Moisture	T	72	23.64 g	28.38 g	28.26 g	2.5316455696203 %	97.468354430379 7 %
460-267687-A-4 DU		Moisture	T	86	27.08 g	32.54 g	31.95 g	10.805860805860 8 %	89.194139194139 2 %

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	10/17/2022
Time samples were place in the oven	21:46
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	10/17/2022
Time Samples were removed from oven	22:08
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267360-1

SDG No.:

Batch Number: 872779 Batch Start Date: 10/19/22 07:34 Batch Analyst: Lomuntad, Riza L

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-267521-A-3	L3-PP-SB-2_5-6_20221013	Moisture	T	24	30.14 g	35.10 g	34.61 g	9.8790322580645 %	90.1209677419355 %
460-267521-A-3 MS	L3-PP-SB-2_5-6_20221013	Moisture	T	24	30.14 g	35.10 g	34.61 g	9.8790322580645 %	90.1209677419355 %
460-267521-A-3 MSD	L3-PP-SB-2_5-6_20221013	Moisture	T	24	30.14 g	35.10 g	34.61 g	9.8790322580645 %	90.1209677419355 %
460-267521-A-4	L3-SB-X4_20221013	Moisture	T	25	24.67 g	29.44 g	28.96 g	10.062893081761 %	89.937106918239 %
460-267521-A-5	L3-PP-SB-2_6-8_20221013	Moisture	T	26	28.39 g	33.21 g	33.00 g	4.35684647302899 %	95.643153526971 %
460-267521-A-6	L3-PP-SB-2_8-10_20221013	Moisture	T	27	28.32 g	33.26 g	33.08 g	3.6437246963563 %	96.356275303643 %
460-267521-A-7	L3-PP-SB-2_10-12_20221013	Moisture	T	28	28.86 g	33.61 g	32.83 g	16.421052631578 9 %	83.578947368421 %
460-267521-A-8	L3-PP-SB-2_12-14_20221013	Moisture	T	29	29.04 g	34.01 g	33.75 g	5.2313883299798 9 %	94.768611670020 1 %
460-267521-A-9	L3-PP-SB-2_14-15_20221013	Moisture	T	30	30.33 g	35.27 g	34.98 g	5.8704453441296 1 %	94.129554655870 4 %
460-267672-A-1 DU		Moisture	T	42	26.94 g	31.93 g	30.41 g	30.460921843687 4 %	69.539078156312 6 %

Batch Notes	
Balance ID	106
Oven ID	DM-3250
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	MICROWAVE

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

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

NYC 222

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Marco Balletta	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page 1 of 3
Company: AKRF Inc				Job #: 267360
Address: 440 Park Avenue South 7th Floor	Due Date Requested:	Analysis Requested		Preservation Codes: A - HCL, B - NaOH, M - Hexane, N - None
City: New York	TAT Requested (days): Standard			
State, Zip: NY, 10016				
Phone:	PO #: 12184			
Email: kwiles@akrf.com ; epark@akrf.com	WO #:			
Project Name: Atlantic Chestnut Lot 3	Project #:			
Analysis Group:	SSOW#:			Other:

460-267360 Chain of Custody

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOCs	Total Number of conti	Special Instructions/Note:
			Preservation Code:		N	N			
L2-RI-SB-10B_15-16_20221012	10/12/2022	1200	G	Soil	N	Y	X	12	1
L2-RI-SB-10B_16-18_20221012	10/12/2022	1210	G	Soil	N	N	X	1	2
L2-RI-SB-10B_18-20_20221012	10/12/2022	1215	G	Soil	N	N	X	1	3
L2-RI-SB-10B_20-22_20221012	10/12/2022	1220	G	Soil	N	N	X	1	4
L2-RI-SB-10B_22-24_20221012	10/12/2022	1225	G	Soil	N	N	X	1	5
L2-RI-SB-10B_24-26_20221012	10/12/2022	1230	G	Soil	N	N	X	1	6
L2-RI-SB-10B_26-28_20221012	10/12/2022	1235	G	Soil	N	N	X	1	7
L2-RI-SB-10B_28-30_20221012	10/12/2022	1240	G	Soil	N	N	X	1	8
L2-RI-SB-10B_30-32_20221012	10/12/2022	1245	G	Soil	N	N	X	1	9
L2-RI-SB-10B_32-34_20221012	10/12/2022	1250	G	Soil	N	N	X	1	10
L3-SB-X1_20221012	10/12/2022	1230	G	Soil	N	N	X	1	11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) KEEP SDG OPEN AKRF EQuIS EDD
Category B Deliverables

Special Instructions/QC Requirements: MS/MSD collected for L2-RI-SB-10B_15-16_20221012

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Marco Balletta	10/12/2022	AKRF		1120 1530	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/13 1800	TAL		10/14	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

25 TAT 25 TAT

10/25/2022

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

NYC

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Marco Ballette	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page ? of ?
Company: AKRF Inc				Job #: 761360
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): Standard			
State, Zip: NY, 10016				
Phone:	PO #: 12184			
Email: kwiles@akrf.com ; epark@akrf.com	WO #:			
Project Name: Atlantic Chestnut Lot 3	Project #:			
Analysis Group:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
L3-RI-SB-2B_15-16_20221012	10/12/2022	1400	G	Soil	N	N	4	12
L3-RI-SB-2B_16-18_20221012	10/12/2022	1405	G	Soil	N	N	4	13
L3-RI-SB-2B_18-20_20221012	10/12/2022	1410	G	Soil	N	N	4	14
L3-RI-SB-2B_20-22_20221012	10/12/2022	1415	G	Soil	N	N	4	15
L3-RI-SB-2B_22-24_20221012	10/12/2022	1420	G	Soil	N	N	4	16
L3-RI-SB-2B_24-26_20221012	10/12/2022	1425	G	Soil	N	N	4	17
L3-RI-SB-2B_26-28_20221012	10/12/2022	1430	G	Soil	N	N	4	18
L3-RI-SB-2B_28-30_20221012	10/12/2022	1435	G	Soil	N	N	4	19
L3-RI-SB-2B_30-32_20221012	10/12/2022	1440	G	Soil	N	N	4	20
L3-RI-SB-2B_32-34_20221012	10/12/2022	1445	G	Soil	N	N	4	21
FB1_20221012	10/12/2022	1500	G	Water	N	N	2	22

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) AKRF EDuIS EDD NYEP SDG OPEN Category B Deliverable

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Marco Ballette	10/12/2022	AKRF			
2		10/12/22 1900			10/12/22 1950	
3					10/12/22 1900	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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10/25/2022

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

NYC

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Marco Balletta	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page 2 of 3
Company: AKRF Inc				Job #: 267366
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): Standard			
State, Zip: NY, 10016				
Phone:	PO #: 12184			
Email: kwiles@akrf.com ; epark@akrf.com	WO #:			
Project Name: Atlantic Chestnut Lot 3	Project #:			
Analysis Group:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
TB1-20221012	LAB	LAB	G	WATER	N	X	2	

10/12/2022

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) KEEP SOC OPEN; AKRF EQUIS EDD; Category B Deliverables

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Marco Balletta	10/12/2022	AKRF		10/12/22 1530	
2		10/12/22 1900			10/13/22 1400	
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

10/25/2022

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: _____

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	25 °C	25 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

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: Hanna Date: 10/12/22

Chain of Custody Record

611346

eurofins | Environment Testing America

267458

TAL-8210

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: ERIC PARK	Site Contact: M. BALLETTA	Date: 10/13/2022	COC No: 1 of 3 COCs
Company Name: AKRF	Tel/Email: EPARK@AKRF.COM	Lab Contact: M. HAAS	Carrier:	Sampler: M. BALLETTA
Address: 440 PARK AV. SOUTH	Analysis Turnaround Time			
City/State/Zip: New York NY	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone:	TAT if different from Below STANDARD			
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Project Name: ATLANTIC CHESTNUT				
Site: LOT 3				
PO # 12184				

460-267458 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	COCs		Sample Specific Notes:
L3-PP-SB-1_5-6_20221013	10/13/2022	1110	G	S	4	N	N	X	1	
L3-PP-SB-1_6-8_20221013	10/13/2022	1120	G	S	12	N	Y	X	2	
L3-PP-SB-1_8-10_20221013	10/13/2022	1125	G	S	4	N	N	X	3	
L3-PP-SB-1_10-12_20221013	10/13/2022	1130	G	S	4	N	N	X	4	
L3-PP-SB-1_12-14_20221013	10/13/2022	1135	G	S	4	N	N	X	5	
L3-PP-SB-1_14-15_20221013	10/13/2022	1140	G	S	4	N	N	X	6	
L3-PP-SB-1_15-17_20221013	10/13/2022	1145	G	S	4	N	N	X	7	ON HOLD
L3-PP-SB-1_17-19_20221013	10/13/2022	1150	G	S	4	N	N	X	8	ON HOLD
L3-PP-SB-1_19-21_20221013	10/13/2022	1155	G	S	4	N	N	X	9	ON HOLD
L3-PP-SB-1_21-23_20221013	10/13/2022	1200	G	S	4	N	N	X	10	ON HOLD
L3-SB-X2_20221013	10/13/2022	1200	G	S	4	N	N	X	11	
EB2_20221013	10/13/2022	1140	G	W	2	N	N	X	12	

SHORT HOLD

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

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:
Close SDG; Category B Deliverables; AKRF EQUIS EDD MS/MSD Collected at L3-PP-SB-1_6-8_20221013 and L3-PP-SB-2_12-14_20221013

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:

	Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
1	Marc Balletta	AKRF	10/13/2022			10/13/22 1510
2						10/13/22 1700
3				Received in Laboratory by:		10/13/22 1900

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10/25/2022

13 Day 13 Day

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

eurofins Environment Testing America

267458

NYC Deliverables

Client Information	Sampler: Marco Balletta	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page 2 of 3
Company: AKRF Inc				Job #:
Address: 440 Park Avenue South 7th Floor	Due Date Requested:	Analysis Requested		
City: New York	TAT Requested (days): Standard			
State, Zip: NY, 10016				
Phone:	PO #: 12184			
Email: kwiles@akrf.com ; epark@akrf.com	WO #:			
Project Name: Atlantic Chestnut Lot 3	Project #:			
Analysis Group: Solid - Total cVOCs	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - cVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
L3-PP-SB-3_12-14_20221013	10/13/2022	1320	G	S	N	Y	X	13 12	
L3-PP-SB-3_14-15_20221013	10/13/2022	1330	G	S	N	N	X	14 4	
L3-PP-SB-3_15-17_20221013	10/13/2022	1335	G	S	N	N	X	15 4	ON HOLD
L3-PP-SB-3_17-19_20221013	10/13/2022	1340	G	S	N	N	X	16 4	ON HOLD
L3-PP-SB-3_19-21_20221013	10/13/2022	1345	G	S	N	N	X	17 4	ON HOLD
L3-PP-SB-3_21-23_20221013	10/13/2022	1350	G	S	N	N	X	18 4	ON HOLD
L3-PP-SB-3_23-25_20221013	10/13/2022	1355	G	S	N	N	X	19 4	ON HOLD
L3-PP-SB-3_25-27_20221013	10/13/2022	1400	G	S	N	N	X	20 4	ON HOLD
L3-PP-SB-3_27-29_20221013	10/13/2022	1405	G	S	N	N	X	21 4	ON HOLD
L3-PP-SB-3_29-31_20221013	10/13/2022	1410	G	S	N	N	X	22 4	ON HOLD
~~L3-SB-X3_20221013~~ L3-SB-X3_20221013	10/13/2022	1400	G	SOIL	N	N	X	23 4	
~~FB2_20221013~~ FB3_20221013	10/13/2022	1030	G	W	N	N	X	24 2	

MB 10/13/2022

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify): Category B Deliverables; AKRF EQUIS EDD; Close SDG .

Special Instructions/QC Requirements: MS/MSD collected at L3-PP-SB-1_6-8_20221013 and at L3-PP-SB-3_12-14_20221013

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Marco Balletta	10/13/2022	AKRF		10/13	11'5°
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/13/22 1140	Company
Relinquished by:	Date/Time: 10/13/22 1900	Company	Received by:	Date/Time: 10/13/22 1900	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks

13 ZRq 13 ZRq

Ver: 01/16/2019

10/25/2022

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing America

267458

Client Information	Sampler: Marco Belletta	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page 3 of 3
Company: AKRF Inc				Job #:

Address: 440 Park Avenue South 7th Floor	Due Date Requested:	Analysis Requested	Preservation Codes:
City: New York	TAT Requested (days): Standard		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 10016	PO #: 12184		
Phone:	WO #:		Other:
Email: kwiles@akrf.com ; epark@akrf.com	Project #:		
Project Name: Atlantic Chestnut Lot 3	SSOW#:		
Analysis Group: Solid - Total cVOCs			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - cVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
L3-PP-SB-1_23-25_20221013	10/13/2022	1205	G	Soil	N	N	X	4	ON HOLD
L3-PP-SB-3_31-33_20221013	10/13/2022	1215	G	Soil	N	N	X	4	ON HOLD
L3-PP-SB-3_33-35_20221013	10/13/2022	1220	G	Soil	N	N	X	4	ON HOLD
TB-1_20221013	LAB	LAB	G	W	N	N	X	2	ON HOLD MB 10/14/2022
L3-PP-SB-3_5-6_20221013	10/13/2022	1300	G	Soil	N	N	X	4	
L3-PP-SB-3_6-8_20221013	10/13/2022	1305	G	Soil	N	N	X	4	
L3-PP-SB-3_8-10_20221013	10/13/2022	1310	G	Soil	N	N	X	4	
L3-PP-SB-3_10-12_20221013	10/13/2022	1315	G	Soil	N	N	X	4	
TB-2_20221013	LAB	LAB	G	W	N	N	X	2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify): Category B Deliverables; AKRF EQUIS EDD; Close SDG

Special Instructions/QC Requirements: MS/MSD collected at L3-PP-SB-1_6-8_20221013 and at L3-PP-SB-3_12-14_20221013

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Marco Belletta	Date/Time: 10/13/2022	Company: AKRF	Received by:	Date/Time: 10/13/22 1530	Company: T A
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 10/13/22 1700	Company:
Relinquished by:	Date/Time: 10/13/22 1900	Company:	Received by:	Date/Time: 10/13/22 1900	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

13 2200; 13 2207

Ver: 01/16/2019

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 267958

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	13 °C	13 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: [signature] **Date:** 10/3/22

Chain of Custody Record

611345

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: EPARK/KWILES	Site Contact: M. BALLETTA	Date: 10/13/2022	COC No:
Company Name: AKRF INC	Tel/Email: EPARK@AKRF.COM	Lab Contact: M. HAAS	Carrier:	1 of 2 COCs
Address: 440 PARK AV. SOUTH	Analysis Turnaround Time			Sampler:
City/State/Zip: NEW YORK - NY	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below STANDARD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ATLANTIC CHESTNUT	☐ 1 week			Job / SDG No.: 267521-1
Site: LOT 3	☐ 2 days			
P O # 121864	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	CLOCS	Sample Specific Notes:
L3-TB-01_20221013	10/13/2022	LAB	G	W	2	N	N	X	1
L3-FB-01_20221013	10/13/2022	1830	G	W	2	N	N	X	2
L3-PP-SB-2_5-6_20221013	10/13/2022	1700	G	S	12	N	Y	X	3
L3-SB-X4_20221013	10/13/2022	1800	G	S	4	N	N	X	4
L3-PP-SB-2_6-8_20221013	10/13/2022	1705	G	S	4	N	N	X	5
L3-PP-SB-2_8-10_20221013	10/13/2022	1710	G	S	4	N	N	X	6
L3-PP-SB-2_10-12_20221013	10/13/2022	1715	G	S	4	N	N	X	7
L3-PP-SB-2_12-14_20221013	10/13/2022	1720	G	S	4	N	N	X	8
L3-PP-SB-2_14-15_20221013	10/13/2022	1725	G	S	4	N	N	X	9
L3-PP-SB-2_15-17_20221013	10/13/2022	1730	G	S	4	N	N	X	10 ON HOLD
L3-PP-SB-2_17-19_20221013	10/13/2022	1735	G	S	4	N	N	X	11 ON HOLD
L3-PP-SB-2_19-21_20221013	10/13/2022	1740	G	S	4	N	N	X	12 ON HOLD

460-267521 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.

☐ 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:
Category B Deliverables; AKRF EQUIS EDD; CLOCS SDG; MS/MSD collected at L3-PP-SB-2_5-6_20221013

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Marco Balletta	AKRF	10/13/2022 2100		PA	10/14/22 850
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
		10/14 1100			10/14/22 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
		10/14/22 1800	Angela Casallas	ETA Ecl	10/14/22 1800

17 CBR1 17 CBR9

Chain of Custody Record

611344

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: E. PARK/N. WILES	Site Contact: M. BALLETTA	Date: 10/13/2022	COC No:
Company Name: AKRF INC	Tel/Email: EPARK@AKRF.COM	Lab Contact: M. HAAS	Carrier:	2 of 2 COCs
Address: 440 PARK AV. SOUTH	Analysis Turnaround Time			Sampler: M. BALLETTA
City/State/Zip: NEW YORK NY	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below: STANDARD			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: ATLANTIC CHESTNUT				Job / SDG No.: 167521
Site: LOT 3				
P O # 12184				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	CVOCs	Sample Specific Notes:
L3-PP-SB-2_21-23_20221013	10/13/2022	1745	G	S	4	N	N	X	13 ON HOLD
L3-PP-SB-2_23-25_20221013	10/13/2022	1750	G	S	4	N	N	X	14 ON HOLD
L3-PP-SB-2_25-27_20221013	10/13/2022	1755	G	S	4	N	N	X	15 ON HOLD
L3-PP-SB-2_27-29_20221013	10/13/2022	1800	G	S	4	N	N	X	16 ON HOLD
L3-PP-SB-2_29-31_20221013	10/13/2022	1805	G	S	4	N	N	X	17 ON HOLD
L3-PP-SB-2_31-33_20221013	10/13/2022	1810	G	S	4	N	N	X	18 ON HOLD
L3-PP-SB-2_33-35_20221013	10/13/2022	1815	G	S	4	N	N	X	19 ON HOLD

SHORT HOLD

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

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:
Category B Deliverables; AKRF EQUIS EDD; Close SDG; MS/MSD collected at L3-PP-SB-2_5-6_20221013

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by: Marco Balletta	AKRF	10/13/2022 2100	Received by:		
Relinquished by:		10/14/22 0850	Received by:		10/14/22 1700
Relinquished by: Lauren		10/14/22 1800	Received in Laboratory by: Angela Cassella	EA Ed	10/14/22 1800

14 ERA 17 ERA

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 167524

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	17 °C	17 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: Ramos **Date:** 10/16/22

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-267360-1

Login Number: 267360
List Number: 1
Creator: Narinkhum, Nudjarin 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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: 460-267360-1

Login Number: 267458
List Number: 1
Creator: Narinkhum, Nudjarin 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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: 460-267360-1

Login Number: 267521
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC ANALYSIS
VOLATILES BY GC/MS METHOD 8260D
[Chlorinated List]

For Soil Samples Collected
October 12, 2022, and October 13, 2022

Atlantic Chestnut – Lot 3
Project No. 12184
Collected by AKRF, Inc.
SAMPLE DELIVERY GROUP NUMBER:
460-267360-1

BY EUROFINS EDISON - NJ (ELAP #11452)

SUBMITTED TO:
Mr. Kenneth Wiles/Senior Technical Director
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

cc: Ms. Deborah Shapiro/AKRF, Inc.
cc: Ms. Amy Jordan/AKRF, Inc.
cc: Mr. Eric Park/AKRF, Inc.
cc: Mr. Marco Balletta/AKRF, Inc.

December 04, 2022

PREPARED BY:
Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731

Lori A Beyer

(516) 523-7891; email LABValidation@aol.com

Atlantic Chestnut – Lot 3
Data Usability Summary Report (Data Validation):
October 2022 Soil Sampling
Volatiles – Chlorinated Analyte List

Table of Contents:

Introduction
Data Qualifier Definitions
Sample Receipt

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- 1.1 Holding Time
- 1.2 System Monitoring Compound (Surrogate) Recovery
- 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)
- 1.4 Laboratory Control Sample/Laboratory Control Duplicate
- 1.5 Blank Contamination
- 1.6 GC/MS Instrument Performance Check (Tuning)
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Field Duplicates
- 1.10 Target Compound List Identification
- 1.11 Compound Quantification and Reported Detection Limits
- 1.12 Overall System Performance

APPENDICES:
A. Chain of Custody Documents and Sample Receipt Checklists
B. Case Narrative
C. Data Summary Form Is with Qualifications

Introduction:

A validation was performed on soil samples and the associated quality control (MS/MSDs/Field Duplicates/Field Blanks/Trip Blanks) for organic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Eurofins Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below with corresponding required analysis. The table below lists are required parameters for each sample location. The samples were analyzed by Eurofins, 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 Chlorinated 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 SOPs for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

This validation report is limited to the samples summarized below. Several samples were designated "on hold" on the chain of custody documents.

Sample ID	Lab ID	Analysis	Date Collected/Reeeived
L2-RI-SB-10B_15-16_20221012 [Plus, MS/MSD]	460-267360-1	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_16-18_20221012	460-267360-2	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_18-20_20221012	460-267360-3	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_20-22_20221012	460-267360-4	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_22-24_20221012	460-267360-5	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_24-26_20221012	460-267360-6	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_26-28_20221012	460-267360-7	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_28-30_20221012	460-267360-8	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_30-32_20221012	460-267360-9	Chlorinated Volatiles	10/12/2022
L2-RI-SB-10B_32-34_20221012	460-267360-10	Chlorinated Volatiles	10/12/2022
L3-SB-X1_20221012 [Field Duplieate of L2-RI-SB-10B_15-16_20221012]	460-267360-11	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_15-16_20221012	460-267360-12	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_16-18_20221012	460-267360-13	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_18-20_20221012	460-267360-14	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_20-22_20221012	460-267360-15	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_22-24_20221012	460-267360-16	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_24-26_20221012	460-267360-17	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_26-28_20221012	460-267360-18	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_28-30_20221012	460-267360-19	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_30-32_20221012	460-267360-20	Chlorinated Volatiles	10/12/2022
L3-RI-SB-2B_32-34_20221012	460-267360-21	Chlorinated Volatiles	10/12/2022
L3-FB-01_20221012	460-267360-22	Chlorinated Volatiles	10/12/2022
L3-TB-01_20221012	460-267360-23	Chlorinated Volatiles	10/12/2022
L3-PP-SB-1_5-6_20221013	460-267458-1	Chlorinated Volatiles	10/13/2022
L3-PP-SB-1_6-8_20221013 [Plus, MS/MSD]	460-267458-2	Chlorinated Volatiles	10/13/2022
L3-PP-SB-1_8-10_20221013	460-267458-3	Chlorinated Volatiles	10/13/2022
L3-PP-SB-1_10-12_20221013	460-267458-4	Chlorinated Volatiles	10/13/2022
L3-PP-SB-1_12-14_20221013	460-267458-5	Chlorinated Volatiles	10/13/2022
L3-PP-SB-1_14-15_20221013	460-267458-6	Chlorinated Volatiles	10/13/2022
L3-SB-X2_20221013 [Field Duplieate of L2-PP-SB-1_6-8_20221013]	460-267458-11	Chlorinated Volatiles	10/13/2022
L3-FB-02_20221013	460-267458-12	Chlorinated Volatiles	10/13/2022
L3-TB-02_20221013	460-267458-33	Chlorinated Volatiles	10/13/2022
L3-TB-01_20221013	460-267521-1	Chlorinated Volatiles	10/13/2022
L3-FB-01_20221013	460-267521-2	Chlorinated Volatiles	10/13/2022

L3-PP-SB-2_5-6_20221013 [Plus, MS/MSD]	460-267521-3	Chlorinated Volatiles	10/13/2022
L3-SB-X4_20221013 [Field Duplicate of L3-PP-SB-2_5-6_20221013]	460-267521-4	Chlorinated Volatiles	10/13/2022
L3-PP-SB-2_6-8_20221013	460-267521-5	Chlorinated Volatiles	10/13/2022
L3-PP-SB-2_8-10_20221013	460-267521-6	Chlorinated Volatiles	10/13/2022
L3-PP-SB-2_10-12_20221013	460-267521-7	Chlorinated Volatiles	10/13/2022
L3-PP-SB-2_12-14_20221013	460-267521-8	Chlorinated Volatiles	10/13/2022
L3-PP-SB-2_14-15_20221013	460-267521-9	Chlorinated Volatiles	10/13/2022

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 indicates that the samples were received at Eurofins Laboratories via laboratory courier upon completion of the sampling events. 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 are documented on the chain of custody documents, and in the case narrative provided in Appendix A and B of this report.

One of the three submitted encores were submitted empty for L3-PP-SB-2_10-12_20221013. Sufficient sample remained for analysis. No unresolved 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 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 prepared within the Method required holding times as well as the technical holding times for data validation of 48 hours from collection to preparation for Encores. Once preparation is complete, the holding time extends to 14 days. Field and Trip Blank analysis was performed within holding times of 14 days for acid preserved vials (pH <2).

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 surrogate compounds for all field 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 was conducted on samples designated below:

L2-RI-SB-10B_15-16_20221012: – Recovery values were below laboratory limits in either the MS or MSD for Chlorinated analytes 1,1,2,2-Tetrachloroethane (55%), 1,1,2-Trichloroethane (66%/76%), Bromodichloromethane (72%), Carbon Tetrachloride (76%), Chlorobenzene (46%/53%), cis-1,3-Dichloropropene (68%/77%), Dibromochloromethane (57%/66%), trans-1,3-Dichloropropene (59%/72%). The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data. Based on professional judgment, data was not qualified where laboratory in-house limits are stringent. Data was not qualified where recovery outliers were >70%. RPD was <30% for all spiked Chlorinated compound except for Trichloroethene (55%). Non-detects for 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, Chlorobenzene, cis-1,3-Dichloropropene, Dibromochloromethane, and trans-1,3-Dichloropropene have been qualified, "UJ" in both the parent and field duplicate from this location based on low recovery values. Additionally, Trichloroethene (217%) recovered above limits in the MS. The laboratory detected concentration in the parent sample (7.8 ug/kg) and field duplicate from this location (63 ug/kg) has been qualified, estimated, "J" with no directional bias. No additional qualifiers were applied.

L3-PP-SB-1_6-8_20221013: Recovery values were below laboratory limits in either the MS or MSD for 1,1,2-Trichloroethane (77%/76%), 1,2-Dichloroethane (72%/71%), Chlorobenzene (79%/78%), Chloroform (77%), cis-1,2-Dichloroethene (78%/79%), cis-1,3-Dicloropropene (76%/76%), Dibromochloromethane (74%/72%), and trans-1,3-Dichloropropene (73%/72%). RPD met acceptance criteria for all spiked analytes. No qualifiers were applied to the parent or field duplicate from this location based on professional judgment. Recovery values although below laboratory limits have been determined to be reasonable per the methodology.

L3-PP-SB-2_5-6_20221013: Chloroethane (30%/30%) recovered below limits in the MS and MSD. Non-detects in the parent and field duplicate from this location have been qualified, "UJ." The parent sample was analyzed at medium (high) level. The field duplicate (L3-SB-X4_20221013) was analyzed at low level. Elevated MS/MSD recovery values were obtained for Trichloroethene (258%/330%). Reported results in the parent sample (17,000 ug/kg) and the field duplicate (410 ug/kg) must be considered estimated. Based on field duplicate evaluation (Section 1.9 below), results in the field duplicate have been qualified, biased low, "J-." The parent result has been qualified, "J."

Batch MS/MSD was also provided in the lab report. Data was not qualified based on samples collected from a different site.

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/LCS Duplicate was analyzed with each analytical batch. In cases where high recovery was obtained for an analyte and the compound was not detected in associated field samples, the data was not qualified since high recovery does not support any potential loss of detection and/or result bias.

LCS associated with L3-PP-SB-1_5-6_20221013 yielded Methylene Chloride (134%) above laboratory limits. No qualifiers were applied since this common laboratory contaminant was not detected in the corresponding field sample. RPD for 1,1-Dichloroethene (38%) was outside 30% criteria. Non-detects for this compound have been qualified, "UJ."

LCS associated with L3-PP-SB-1_6-8_20221013, L3-PP-SB-1_8-10_20221013, L3-PP-SB-1_12-14_20221013, L3-PP-SB-1_14-15_20221013 and L3-SB-X2_20221013 yielded 1,1,1-Trichloroethane (122%), Carbon Tetrachloride (125%), Tetrachloroethene (128%), and Vinyl Chloride (137%) above laboratory limits. Non-detects have been qualified, "UJ" in all samples.

LCS and/or LCS Duplicate associated with L3-RI-SB-2B_15-16_20221012, L3-RI-SB-2B_16-18_20221012, L3-RI-SB-2B_20-22_20221012, L3-RI-SB-2B_22-24_20221012, L3-RI-SB-2B_24-26_20221012, L3-RI-SB-2B_26-28_20221012, L3-RI-SB-2B_28-30_20221012, L3-RI-SB-2B_30-32_20221012, and L3-RI-SB-2B_32-34_20221012 yielded elevated 1,1,1-Trichloroethane (122%), Carbon Tetrachloride (132%/139%), and Dibromochloromethane (132%/151%) above laboratory limits. Non-detects have been qualified, "UJ." RPD met acceptance criteria for all chlorinated analytes.

LCS and/or LCS Duplicate associated with L3-L3-RI-SB-2B_18-20_20221012 yielded elevated 1,1,1-Trichloroethane (123%), Carbon Tetrachloride (131%/148%), and Dibromochloromethane (143%/143%) above laboratory limits. Non-detects have been qualified, "UJ." RPD met acceptance criteria for all chlorinated 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
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= 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 L3-FB-01_20221012 or L3-FB-01_20221013. L3-FB-02_20221013 yielded Chlorobenzene (1.0 ug/L) and Methylene Chloride (0.43 ug/L). Sample results collected on 10/13/2022 were evaluated based on the above criteria. Sample results are not impacted.

C) **Trip Blank Contamination:**
No target analytes were detected in L3-TB-01_20221012 or L3-TB-02_20221013. L3-TB-01_20221013 yielded Chlorobenzene (0.44 ug/L). Sample results are not impacted.

D) **Storage Blank Contamination**
Storage blanks were not submitted. It should be noted that storage blanks are not required for SW846 Method 8260D.

Methylene Chloride is a common laboratory contaminant. The end user should proceed with caution when making decisions based on these detections and could not be negated in field samples based on the above criteria.

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 (once prior to ICAL for 8260D) 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 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.

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 >/= 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 /=>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 (>/=0.05) and (>/= 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 </= 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.

Initial Calibration Verification (ICV): Second source ICV met acceptance criteria for all target chlorinated analytes.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) and (40% for poor responders) for all reported compounds except as noted below:

CCAL CVOAMS12 10/18/2022 – 1,1,2,2-Tetrachloroethane – 24.5%; "UJ" non-detects in L3-PP-SB-1_5-6_20221013.

CCAL CVOAMS7 10/15/2022 – Chloromethane – 30.3%, Vinyl Chloride – 22.0%; "UJ" non-detects in L3-TB-02_20221013, L3-FB-02_20221013, and L30FB-01_20221013.

CCAL CVOAMS7 10/17/2022 – 1,1,2,2-Tetrachloroethane – 22.6%; "UJ" non-detects in L3-FB-01_20221013.

CCAL CVOAMS9 10/17/2022 – 1,1-Dichloroethene – 22.8%, Carbon Tetrachloride – 42.0%; "UJ" non-detects in L3-RI-SB-2B_15-16_20221012, L3-RI-SB-2B_16-18_20221012, L3-RI-SB-2B_20-22_20221012, L3-RI-SB-2B_22-24_20221012, L3-RI-SB-2B_24-26_20221012, L3-RI-SB-2B_26-28_20221012, L3-RI-SB-2B_28-30_20221012, L3-RI-SB-2B_30-32_20221012, and L3-RI-SB-2B_32-34_20221012.

CCAL CVOAMS9 10/17/2022 pm – Carbon Tetrachloride – 29.3%; "UJ" non-detects in L3-RI-SB-2B_18-20_20221012.

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 field samples with exceptions discussed below:

1,4-Dioxane-d8 recovered below 50% in L3-PP-SB-1_6-8_20221013, L3-PP-SB-1_8-20_20221013, L3-PP-SB-1_12-14_20221013, L3-PP-SB-1_14-15_20221013, L3-SB-X2_20221013, L3-PP-SB-1_6-8_20221013 MS, L2-PP-SB-1_6-8_20221013 MSD, L3-PP-SB-1_10-12_20221013, L3-PP-SB-2_10-12_20221013, L3-PP-SB-2_12-14_20221013, L3-PP-SB-2_6-8_20221013 and L3-PP-SB-2_14-15_20221013. Low response would yield biased high detections for analytes quantitated from this internal standard. No associated positive compounds were found that required calculation using this internal standard, therefore, no qualifications to the data were required based on these outliers. It is suspected that low response is due to sample matrix effects. The samples were not reanalyzed to confirm.

TBA-d9 response was also below 50% in L2-PP-SB-1_14-15_20221013 and L3-PP-SB-2_10-12_20221013. Low response would yield biased high detections for analytes quantitated from this internal standard. No associated positive compounds were found that required calculation using this internal standard, therefore, no qualifications to the data were required based on these outliers. It is suspected that low response is due to sample matrix effects. The samples were not reanalyzed to confirm.

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 50% for soil samples with concentrations greater than 2x the reporting limits.

Field Duplicates were collected as follows:

L2-RI-SB-10B_15-16_20221012 = L3-SB-X1_20221012: Tetrachloroethene 7.2 ug/kg in the parent and 26 ug/kg in the field duplicate have been qualified, "J." Trichloroethene in the parent - 7.8 ug/kg and 63 ug/kg in the field duplicate have also been qualified as estimated, "J." Due to high percent difference. It is recommended that the end user make decisions based on the higher field duplicate concentrations.

L3-PP-SB-1_6-8_20221013 = L3-SB-X2_20221013: No target analytes were detected in the parent or field duplicate. Precision is acceptable.

L3-PP-SB-2_5-6_20221013 = L3-SB-X4_20221013: The parent sample was analyzed at high (medium) level which has an inherent 1:50 dilution in the analytical procedure. Reporting limits have been adjusted accordingly. There is potential that lower-level detections were lost in the "dilution." Raw concentrations for Trichloroethene were within upper half of the instruments linear range as recommended. The field duplicate analysis was performed at low-level and as a result, 1,1-Dichloroethene was detected in the field duplicate (0.75 ug/kg) and not in the parent. Data was not qualified based on this low detection. A summary of detections for this field duplicate analysis is summarized below:

Analyte	L3-PP-SB-2_5-6_20221013 (ug/kg)	L3-SB-X4_20221013 (ug/kg)
1,1-Dichloroethene	130 U	0.75 ug/kg
Cis-1,2-Dichloroethene	160	6.8
Methylene Chloride	68	3.6
Trans-1,2-Dichloroethene	45	1.1
Trichloroethene	17,000	410

Results in the parent must be considered estimated, "J" for cis-1,2-Dichloroethene, Methylene Chloride, trans-1,2-Dichloroethene and Trichloroethene. Field duplicate results have been qualified, biased low, "J-." It is recommended that the end user make decisions based on the higher parent concentrations.

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 =/- 0.06RRT 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. Although, non-target (TICs) were not required, several sample chromatograms demonstrate late eluting non-target presence.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846, response factors and percent moisture 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). Soil samples were analyzed undiluted at low level except for L3-PP-SB-2_5-6_20221013. This sample was analyzed at high (medium) level. Reporting limits have been adjusted accordingly. There is potential that lower-level hits were lost in the inherent dilution (1:50) for high-level analysis. Medium level analysis was required to quantitate Trichloroethene within the instruments' linear calibration range.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Reviewer's Signature Lori A Beyer **Date** 12/04/2022

Appendix A
Chain of Custody Documents
And Sample Receipt Checklists

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

NYC 222

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Marco Balletta	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page 1 of
Company: AKRF Inc				Job #: 267360
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: A - HCL, M - Hexane, B - NaOH, N - None
City: New York	TAT Requested (days): Standard			
State, Zip: NY, 10016				
Phone:	PO #: 12184			
Email: kwiles@akrf.com ; epark@akrf.com	WO #:			
Project Name: Atlantic Chestnut Lot 3	Project #:			
Analysis Group:	SSOW#:			

Analysis Requested

460-267360 Chain of Custody

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	CVOCs	Total Number of containers	Other:	Special Instructions/Note:
			Preservation Code:		N	N				
L2-RI-SB-10B_15-16_20221012	10/12/2022	1200	G	Soil	N	N	X	12		1
L2-RI-SB-10B_16-18_20221012	10/12/2022	1210	G	Soil	N	N	X	4		2
L2-RI-SB-10B_18-20_20221012	10/12/2022	1215	G	Soil	N	N	X	4		3
L2-RI-SB-10B_20-22_20221012	10/12/2022	1220	G	Soil	N	N	X	4		4
L2-RI-SB-10B_22-24_20221012	10/12/2022	1225	G	Soil	N	N	X	4		5
L2-RI-SB-10B_24-26_20221012	10/12/2022	1230	G	Soil	N	N	X	4		6
L2-RI-SB-10B_26-28_20221012	10/12/2022	1235	G	Soil	N	N	X	4		7
L2-RI-SB-10B_28-30_20221012	10/12/2022	1240	G	Soil	N	N	X	4		8
L2-RI-SB-10B_30-32_20221012	10/12/2022	1245	G	Soil	N	N	X	4		9
L2-RI-SB-10B_32-34_20221012	10/12/2022	1250	G	Soil	N	N	X	4		10
L3-SB-X1_20221012	10/12/2022	1230	G	Soil	N	N	X	2		11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) KEEP SOIL OPEN FOR 5 DAYS, Release & Preservation

Special Instructions/QC Requirements: MS/MSD collected for L2-RI-SB-10B_15-16_20221012

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	10/12/2022	AKRF	[signature]	10/12/22 1550	ESI
[signature]	10/12/22 1850	ESI	[signature]	10/13/22 1040	Cooler
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

15 YR 25 IR

10/25/2022

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

NYC

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page of 7
Company: AKRF Inc				Job #: 761360
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): Standard			
State, Zip: NY, 10016				
Phone:	PO #: 12184			
Email: kwiles@akrf.com ; epark@akrf.com	WO #:			
Project Name: Atlantic Chestnut Lot 3	Project #:			
Analysis Group:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
L3-RI-SB-2B_15-16_20221012	10/12/2022	1400	G	Soil	N	N	4	12
L3-RI-SB-2B_16-18_20221012	10/12/2022	1405	G	Soil	N	N	4	13
L3-RI-SB-2B_18-20_20221012	10/12/2022	1410	G	Soil	N	N	4	14
L3-RI-SB-2B_20-22_20221012	10/12/2022	1415	G	Soil	N	N	4	15
L3-RI-SB-2B_22-24_20221012	10/12/2022	1420	G	Soil	N	N	4	16
L3-RI-SB-2B_24-26_20221012	10/12/2022	1425	G	Soil	N	N	4	17
L3-RI-SB-2B_26-28_20221012	10/12/2022	1430	G	Soil	N	N	4	18
L3-RI-SB-2B_28-30_20221012	10/12/2022	1435	G	Soil	N	N	4	19
L3-RI-SB-2B_30-32_20221012	10/12/2022	1440	G	Soil	N	N	4	20
L3-RI-SB-2B_32-34_20221012	10/12/2022	1445	G	Soil	N	N	4	21
FB1_20221012	10/12/2022	1500	G	Water	N	N	2	22

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) AKRF EDD NYSDEC EQUIS

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	10/12/2022	AKRF		10/12/22 1550	
	10/12/22 1900			10/12/22 1900	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

NYC

Chain of Custody Record

eurofins

Client Information	Sampler: Marco Balletta	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-132779-86048.2
Client Contact: Mr. Eric Park / Ken Wiles	Phone: (646)270-7195	E-Mail: Melissa.Haas@Eurofinset.com		Page: Page of
Company: AKRF Inc				Job #: 267366
Address: 440 Perk Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): Standard			
State, Zip: NY, 10016				
Phone:	PO #: 12184			
Email: kwiles@akrf.com ; epark@akrf.com	WO #:			
Project Name: Atlantic Chestnut Lot 3	Project #:			
Analysis Group:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCL VOCs PCB 1016/1260	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N			
TB1-10122022	LAB	LAB	G	WATER	N	N	X	2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) NYC EDD, Category B Deliverables

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Marco Balletta	10/12/2022	AKRF		10/12/22 1530	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	10/12/22 1900			10/12/22 1900	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

Chain of Custody Record

611346

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267458

TAL-8210

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: ERIC PARY	Site Contact: M. BALLETTA	Date: 10/13/2022	COC No: 1 of 3 COCs
Company Name: AKRF	Tel/Email: EPARY@AKRF.COM	Lab Contact: M. HAAS	Carrier:	Sampler: M. BALLETTA
Address: 440 PARK AV. SOUTH	Analysis Turnaround Time			
City/State/Zip: NEW YORK NY	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone:	TAT if different from Below STANDARD			
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Project Name: ATLANTIC CHESTNUT				
Site: LOT 3				
P O # 121184				

460-267458 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	COCs		Sample Specific Notes:
L3-PP-SB-1_6-8_20221013	10/13/2022	1110	G	S	4	N	Y	X	1	
L3-PP-SB-1_8-10_20221013	10/13/2022	1123	G	S	12	N	Y	X	2	
L3-PP-SB-1_8-10_20221013	10/13/2022	1124	G	S	4	N	N	X	3	
L3-PP-SB-1_10-12_20221013	10/13/2022	1130	G	S	4	N	N	X	4	
L3-PP-SB-1_12-14_20221013	10/13/2022	1136	G	S	4	N	N	X	5	
L3-PP-SB-1_14-15_20221013	10/13/2022	1140	G	S	4	N	N	X	6	
L3-PP-SB-1_15-17_20221013	10/13/2022	1145	G	S	4	N	N	X	7	ON HOLD
L3-PP-SB-1_17-19_20221013	10/13/2022	1150	G	S	4	N	N	X	8	ON HOLD
L3-PP-SB-1_19-21_20221013	10/13/2022	1155	G	S	4	N	N	X	9	ON HOLD
L3-PP-SB-1_21-23_20221013	10/13/2022	1200	G	S	4	N	N	X	10	ON HOLD
L3-PP-XB_20221013	10/13/2022	1205	G	S	4	N	N	X	11	
TRIP BLANK_20221013	10/13/2022	1100	G	W	2	N	N	X	12	

SHORT HOLD

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

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:
Close SDG ; Category B Deliverables ; AKRF EQUIS EDD MS/MSD Collected at L3-PP-SB-1_6-8_20221013 and L3-PP-SB-1_12-14_20221013

Custody Seals Intact	☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: Mara Balletta	Company: AKRF	Date/Time: 10/13/2022	Received by:	Company:	Date/Time: 10/13/22 1530	
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time: 10/13/22 1730	
Relinquished by:	Company:	Date/Time: 10/13/22 1900	Received in Laboratory by:	Company:	Date/Time: 10/13/22 1900	

1 3 Zbag 1 3 Zbag

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10/25/2022

Address:

Chain of Custody Record

611345 eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: EPARK/KWILES	Site Contact: M. BALLETTA	Date: 10/13/2022	COC No:
Company Name: AKRF INC	Tel/Email: EPARK@AKRF.COM	Lab Contact: M. HAAS	Carrier:	1 of 2 COCs
Address: 440 PARK AV. SOUTH	Analysis Turnaround Time			Sampler:
City/State/Zip: NEW YORK - NY	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below STANDARD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ATLANTIC CHESTNUT	☐ 1 week			Job / SDG No.: 267521
Site: LOT 3	☐ 2 days			
P O #: 12184	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	CLOCS	Sample Specific Notes:
L3-TB-01_20221013	10/13/2022	LAB	G	W	2	N	N	X	1
L3-FB-01_20221013	10/13/2022	1830	G	W	2	N	N	X	2
L3-PP-SB-2_5-6_20221013	10/13/2022	1700	G	S	12	N	Y	X	3
L3-SB-X4_20221013	10/13/2022	1800	G	S	4	N	N	X	4
L3-PP-SB-2_6-8_20221013	10/13/2022	1705	G	S	4	N	N	X	5
L3-PP-SB-2_8-10_20221013	10/13/2022	1710	G	S	4	N	N	X	6
L3-PP-SB-2_10-12_20221013	10/13/2022	1715	G	S	4	N	N	X	7
L3-PP-SB-2_12-14_20221013	10/13/2022	1720	G	S	4	N	N	X	8
L3-PP-SB-2_14-15_20221013	10/13/2022	1725	G	S	4	N	N	X	9
L3-PP-SB-2_15-17_20221013	10/13/2022	1730	G	S	4	N	N	X	10 ON HOLD
L3-PP-SB-2_17-19_20221013	10/13/2022	1735	G	S	4	N	N	X	11 ON HOLD
L3-PP-SB-2_19-21_20221013	10/13/2022	1740	G	S	4	N	N	X	12 ON HOLD

460-267521 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.

☐ 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:
Category B Deliverables; AKRF EQUIS EDD; CLOCS SDG; MS/MSD collected at L3-PP-SB-2_5-6_20221013

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	AKRF	10/13/2022 2100		PA	10/14/20 850
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
		10/14 1100			10/14/22 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
		10/14/22 1800	Angela Casallas	ETA Ed	10/14/22 1800

17 CR1 17 CR9

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Chain of Custody Record

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Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: E. PARK/N. WICES	Site Contact: M. BALLETTA	Date: 10/13/2022	COC No:
Company Name: AKRF INC	Tel/Email: EPARK@AKRF.COM	Lab Contact: M. HAAS	Carrier:	2 of 2 COCs
Address: 440 PARK AV. SOUTH	Analysis Turnaround Time			Sampler: M. BALLETTA
City/State/Zip: NEW YORK NY	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below: STANDARD			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: ATLANTIC CHESTNUT				Job / SDG No.: 167521
Site: LOT 3				
PO#: 12184				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	CVOCs	Sample Specific Notes:
L3-PP-SB-2_21-23_20221013	10/13/2022	1745	G	S	4	N	N	X	13 ON HOLD
L3-PP-SB-2_23-25_20221013	10/13/2022	1750	G	S	4	N	N	X	14 ON HOLD
L3-PP-SB-2_25-27_20221013	10/13/2022	1755	G	S	4	N	N	X	15 ON HOLD
L3-PP-SB-2_27-29_20221013	10/13/2022	1800	G	S	4	N	N	X	16 ON HOLD
L3-PP-SB-2_29-31_20221013	10/13/2022	1805	G	S	4	N	N	X	17 ON HOLD
L3-PP-SB-2_31-33_20221013	10/13/2022	1810	G	S	4	N	N	X	18 ON HOLD
L3-PP-SB-2_33-35_20221013	10/13/2022	1815	G	S	4	N	N	X	19 ON HOLD

SHORT HOLD

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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

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:
Category B Deliverables; AKRFEQUIS EDD; Close SDG; MS/MSD collected at L3-PP-SB-2_5-6_20221013

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____			
Relinquished by: Marco Balletta	Company: AKRF	Date/Time: 10/13/2022 2100	Received by:	Company:	Date/Time: 10/14/22 0850
Relinquished by:	Company:	Date/Time: 10/14/22 0850	Received by:	Company:	Date/Time: 10/14/22 1700
Relinquished by:	Company:	Date/Time: 10/14/22 1800	Received in Laboratory by: Angela Casalle	Company: EA Ed	Date/Time: 10/14/22 1800

10/25/2022

14 ZR01 17 ZR0

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-267360-1

Login Number: 267360
List Number: 1
Creator: Narinkhum, Nudjarin 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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: 460-267360-1

Login Number: 267458
List Number: 1
Creator: Narinkhum, Nudjarin 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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: 460-267360-1

Login Number: 267521
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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 Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: Atlantic Chestnut Lot 3

Report Number: 460-267360-1

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 10/12/2022 7:00 PM, 10/13/2022 7:00 PM and 10/14/2022 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.3° C, 1.7° C and 2.5° C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Tests were not checked off for samples on page 2 of the 10/12 COC. The client instructed the lab to analyze all samples.

One or more containers for the following sample was received empty: L3-PP-SB-2_10-12_20221013 (460-267521-7). 1 of 3 Cores was received empty.

Holds were cancelled by the client on 10/25/22.

Trip blank and field blank IDs were revised by the client on 10/25/22.

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 L2-RI-SB-10B_15-16_20221012 (460-267360-1), L2-RI-SB-10B_16-18_20221012 (460-267360-2), L2-RI-SB-10B_18-20_20221012 (460-267360-3), L2-RI-SB-10B_20-22_20221012 (460-267360-4), L2-RI-SB-10B_22-24_20221012 (460-267360-5), L2-RI-SB-10B_24-26_20221012 (460-267360-6), L2-RI-SB-10B_26-28_20221012 (460-267360-7), L2-RI-SB-10B_28-30_20221012 (460-267360-8), L2-RI-SB-10B_30-32_20221012 (460-267360-9), L2-RI-SB-10B_32-34_20221012 (460-267360-10), L3-SB-X1_20221012 (460-267360-11), L3-RI-SB-2B_15-16_20221012 (460-267360-12), L3-RI-SB-2B_16-18_20221012 (460-267360-13), L3-RI-SB-2B_18-20_20221012 (460-267360-14), L3-RI-SB-2B_20-22_20221012 (460-267360-15), L3-RI-SB-2B_22-24_20221012 (460-267360-16), L3-RI-SB-2B_24-26_20221012 (460-267360-17), L3-RI-SB-2B_26-28_20221012 (460-267360-18), L3-RI-SB-2B_28-30_20221012 (460-267360-19), L3-RI-SB-2B_30-32_20221012 (460-267360-20) and L3-RI-SB-2B_32-34_20221012 (460-267360-21) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 10/14/2022 and analyzed on 10/17/2022 and 10/18/2022.

Samples FB1_20221012 (460-267360-22) and TB1_20221012 (460-267360-23) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/14/2022.

The continuing calibration verification (CCV) analyzed in batch 460-872260 was outside the method criteria for the following analyte(s): Chloromethane. 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.

The continuing calibration verification (CCV) associated with batch 460-872456 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872456 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon tetrachloride and Dibromochloromethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-872353 recovered above the upper control limit for 1,1-Dichloroethene and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872353 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon tetrachloride and Dibromochloromethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following samples in analytical batch 460-872434 was outside acceptance criteria: L3-PP-SB-1_10-12_20221013 (460-267458-4). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-872160 was outside the method criteria for the following analyte(s): Chloromethane and Vinyl chloride. 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.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following samples in analytical batch 460-872315 was outside acceptance criteria: L3-PP-SB-1_8-10_20221013 (460-267458-3), L3-PP-SB-1_12-14_20221013 (460-267458-5) and L3-PP-SB-1_14-15_20221013 (460-267458-6). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-872315 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon tetrachloride, Tetrachloroethene and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-872711 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-872711 recovered outside control limits for the following analytes: 1,1-Dichloroethene (biased low) and Methylene Chloride (biased high). These analytes were not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: L3-PP-SB-1_5-6_20221013 (460-267458-1). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-872367 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane. 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.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following sample in analytical batch 460-872987 was outside acceptance criteria: L3-PP-SB-2_14-15_20221013 (460-267521-9). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following sample in analytical batch 460-872520 was outside acceptance criteria: L3-PP-SB-2_12-14_20221013 (460-267521-8). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-Dioxane-d8 and TBA-d9 for the following sample in analytical batch 460-872520 was outside acceptance criteria: L3-PP-SB-2_10-12_20221013 (460-267521-7). These ISTDs do not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: L3-PP-SB-2_5-6_20221013 (460-267521-3). Elevated reporting limits (RLs) are provided.

The laboratory control sample duplicate (LCSD) for analytical batch 460-873205 recovered outside control limits for the following analyte: trans-1,3-Dichloropropene. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Several analytes failed the recovery criteria low for the MS of sample L2-RI-SB-10B_15-16_20221012MS (460-267360-1) in batch 460-872430. Trichloroethene failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MSD of sample L2-RI-SB-10B_15-16_20221012MSD (460-267360-1) in batch

460-872430. Trichloroethene exceeded the RPD limit.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples L2-RI-SB-10B_15-16_20221012 (460-267360-1), L2-RI-SB-10B_16-18_20221012 (460-267360-2), L2-RI-SB-10B_18-20_20221012 (460-267360-3), L2-RI-SB-10B_20-22_20221012 (460-267360-4), L2-RI-SB-10B_22-24_20221012 (460-267360-5), L2-RI-SB-10B_24-26_20221012 (460-267360-6), L2-RI-SB-10B_26-28_20221012 (460-267360-7), L2-RI-SB-10B_28-30_20221012 (460-267360-8), L2-RI-SB-10B_30-32_20221012 (460-267360-9), L2-RI-SB-10B_32-34_20221012 (460-267360-10), L3-SB-X1_20221012 (460-267360-11), L3-RI-SB-2B_15-16_20221012 (460-267360-12), L3-RI-SB-2B_16-18_20221012 (460-267360-13), L3-RI-SB-2B_18-20_20221012 (460-267360-14), L3-RI-SB-2B_20-22_20221012 (460-267360-15), L3-RI-SB-2B_22-24_20221012 (460-267360-16), L3-RI-SB-2B_24-26_20221012 (460-267360-17), L3-RI-SB-2B_26-28_20221012 (460-267360-18), L3-RI-SB-2B_28-30_20221012 (460-267360-19), L3-RI-SB-2B_30-32_20221012 (460-267360-20) and L3-RI-SB-2B_32-34_20221012 (460-267360-21) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/16/2022.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Job Number: 460-267360-1

Job Description: Atlantic Chestnut Lot 3

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.

Melissa Haas

Approved for release.
Melissa Haas
Senior Project Manager
10/25/2022 5:45 PM

Melissa Haas

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_15-16_20221012 | Lab Sample ID: 460-267360-1

Matrix: Solid | Lab File ID: B93119.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:00

Sample wt/vol: 5.33(g) | Date Analyzed: 10/17/2022 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 9.9 % Solids: 90.1 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	~~U~~ UJ	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	~~U~~ UJ	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00040
108-90-7	Chlorobenzene	0.0010	~~U~~ UJ	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00054
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	~~U~~ UJ	0.0010	0.00028
124-48-1	Dibromochloromethane	0.0010	~~U~~ UJ	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0072	J	0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	~~U~~ UJ	0.0010	0.00028
79-01-6	Trichloroethene	0.0078	J	0.0010	0.00033
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		72-145
460-00-4	Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	120		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

for 12/1/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_16-18_20221012 | Lab Sample ID: 460-267360-2

Matrix: Solid | Lab File ID: B93130.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:10

Sample wt/vol: 4.80(g) | Date Analyzed: 10/17/2022 13:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00047
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0029		0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00022
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
127-18-4	Tetrachloroethene	0.0022		0.0011	0.00034
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.040		0.0011	0.00036
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00061

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	Bromofluorobenzene	88		75-139
1868-53-7	Dibromofluoromethane (Surr)	96		73-139
2037-26-5	Toluene-d8 (Surr)	88		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_18-20_20221012 | Lab Sample ID: 460-267360-3

Matrix: Solid | Lab File ID: B93131.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:15

Sample wt/vol: 4.95(g) | Date Analyzed: 10/17/2022 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.6 % Solids: 96.4 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0011		0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00022
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00024
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00041
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00055
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0034		0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.0036		0.0010	0.00034
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_20-22_20221012 | Lab Sample ID: 460-267360-4

Matrix: Solid | Lab File ID: B93132.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:20

Sample wt/vol: 5.09(g) | Date Analyzed: 10/17/2022 14:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0032		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.011		0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.012		0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00059

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_22-24_20221012 | Lab Sample ID: 460-267360-5

Matrix: Solid | Lab File ID: B93133.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:35

Sample wt/vol: 4.84(g) | Date Analyzed: 10/17/2022 14:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.7 % Solids: 96.3 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0050		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0019		0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0016		0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00059

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_24-26_20221012 | Lab Sample ID: 460-267360-6

Matrix: Solid | Lab File ID: B93134.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:30

Sample wt/vol: 5.27(g) | Date Analyzed: 10/17/2022 15:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 11.1 % Solids: 88.9 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0017		0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00027
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00041
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.00072	J	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028
79-01-6	Trichloroethene	0.0042		0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00058

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_26-28_20221012 | Lab Sample ID: 460-267360-7

Matrix: Solid | Lab File ID: B93135.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:35

Sample wt/vol: 4.39(g) | Date Analyzed: 10/17/2022 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.1 % Solids: 97.9 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00026
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00034
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00049
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00045
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00061
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00052	J	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.030		0.0012	0.00037
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		72-145
460-00-4	Bromofluorobenzene	80		75-139
1868-53-7	Dibromofluoromethane (Surr)	93		73-139
2037-26-5	Toluene-d8 (Surr)	82		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_28-30_20221012 | Lab Sample ID: 460-267360-8

Matrix: Solid | Lab File ID: B93136.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:40

Sample wt/vol: 4.28(g) | Date Analyzed: 10/17/2022 16:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.0 % Solids: 96.0 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	118		73-139
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_30-32_20221012 | Lab Sample ID: 460-267360-9

Matrix: Solid | Lab File ID: B93137.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:45

Sample wt/vol: 4.59(g) | Date Analyzed: 10/17/2022 16:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.0 % Solids: 96.0 | Level: (low/med) Low

Analysis Batch No.: 872317 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00059
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00049
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00022
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.0012		0.0011	0.00036
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L2-RI-SB-10B_32-34_20221012 | Lab Sample ID: 460-267360-10

Matrix: Solid | Lab File ID: B93154.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:50

Sample wt/vol: 4.26(g) | Date Analyzed: 10/18/2022 00:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.0013	U	0.0013	0.00029
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00038
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00054
75-27-4	Bromodichloromethane	0.0013	U	0.0013	0.00033
56-23-5	Carbon tetrachloride	0.0013	U	0.0013	0.00049
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00023
75-00-3	Chloroethane	0.0013	U	0.0013	0.00067
67-66-3	Chloroform	0.0013	U	0.0013	0.0012
74-87-3	Chloromethane	0.0013	U	0.0013	0.00056
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
124-48-1	Dibromochloromethane	0.0013	U	0.0013	0.00025
75-09-2	Methylene Chloride	0.0026	U	0.0026	0.0015
127-18-4	Tetrachloroethene	0.0013	U	0.0013	0.00039
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034
79-01-6	Trichloroethene	0.0013	U	0.0013	0.00041
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		72-145
460-00-4	Bromofluorobenzene	111		75-139
1868-53-7	Dibromofluoromethane (Surr)	128		73-139
2037-26-5	Toluene-d8 (Surr)	110		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-SB-X1_20221012 | Lab Sample ID: 460-267360-11

Matrix: Solid L2-RI-SB-10B-15-16-20224012 | Lab File ID: B93155.D

Analysis Method: 8260D | Date Collected: 10/12/2022 12:30

Sample wt/vol: 4.75(g) | Date Analyzed: 10/18/2022 00:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 7.9 % Solids: 92.1 | Level: (low/med) Low

Analysis Batch No.: 872430 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	~~U~~ UJ	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	~~U~~ UJ	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00024
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00026
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	~~U~~ UJ	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00060
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00050
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.0011	~~U~~ UJ	0.0011	0.00031
124-48-1	Dibromochloromethane	0.0011	~~U~~ UJ	0.0011	0.00022
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.026	J	0.0011	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	~~U~~ UJ	0.0011	0.00030
79-01-6	Trichloroethene	0.063	J	0.0011	0.00037
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

11/20/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_15-16_20221012 | Lab Sample ID: 460-267360-12

Matrix: Solid | Lab File ID: K39165.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:00

Sample wt/vol: 4.47(g) | Date Analyzed: 10/17/2022 15:57

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.1 % Solids: 95.9 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	~~U~~ U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	~~U~~ UJ	0.0012	0.00026
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00049
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	~~U~~ UJ	0.0012	0.00045
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00061
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00061	J	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	~~U~~ U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.082		0.0012	0.00037
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	105		73-139
2037-26-5	Toluene-d8 (Surr)	98		80-120

11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_16-18_20221012 | Lab Sample ID: 460-267360-13

Matrix: Solid | Lab File ID: K39166.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:05

Sample wt/vol: 3.85(g) | Date Analyzed: 10/17/2022 16:20

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.9 % Solids: 96.1 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0014	U ~~*~~ U	0.0014	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029
79-00-5	1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024
75-34-3	1,1-Dichloroethane	0.0014	U	0.0014	0.00028
75-35-4	1,1-Dichloroethene	0.0014	~~U~~ UJ	0.0014	0.00030
107-06-2	1,2-Dichloroethane	0.0014	U	0.0014	0.00040
78-87-5	1,2-Dichloropropane	0.0014	U	0.0014	0.00057
75-27-4	Bromodichloromethane	0.0014	U	0.0014	0.00035
56-23-5	Carbon tetrachloride	0.0014	U ~~*~~ UJ	0.0014	0.00052
108-90-7	Chlorobenzene	0.0014	U	0.0014	0.00024
75-00-3	Chloroethane	0.0014	U	0.0014	0.00071
67-66-3	Chloroform	0.0014	U	0.0014	0.0013
74-87-3	Chloromethane	0.0014	U	0.0014	0.00059
156-59-2	cis-1,2-Dichloroethene	0.00098	J	0.0014	0.00048
10061-01-5	cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037
124-48-1	Dibromochloromethane	0.0014	U ~~*~~ U	0.0014	0.00026
75-09-2	Methylene Chloride	0.0027	U	0.0027	0.0015
127-18-4	Tetrachloroethene	0.0014	U	0.0014	0.00041
156-60-5	trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036
79-01-6	Trichloroethene	0.085		0.0014	0.00043
75-01-4	Vinyl chloride	0.0014	U	0.0014	0.00074

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_18-20_20221012 | Lab Sample ID: 460-267360-14

Matrix: Solid | Lab File ID: K39184.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:10

Sample wt/vol: 4.77(g) | Date Analyzed: 10/17/2022 22:50

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.8 % Solids: 96.2 | Level: (low/med) Low

Analysis Batch No.: 872456 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U ~~*~~ U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	~~U~~ UJ	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00047
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	~~U~~ U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0012
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	98		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_20-22_20221012 | Lab Sample ID: 460-267360-15

Matrix: Solid | Lab File ID: K39168.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:15

Sample wt/vol: 4.40(g) | Date Analyzed: 10/17/2022 17:04

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.9 % Solids: 96.1 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	~~U~~ U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	~~U~~ UJ	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	~~U~~ UJ	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	~~U~~ U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.037		0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00065

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	99		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

for 11/9/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_22-24_20221012 | Lab Sample ID: 460-267360-16

Matrix: Solid | Lab File ID: K39169.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:20

Sample wt/vol: 4.27(g) | Date Analyzed: 10/17/2022 17:27

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.8 % Solids: 97.2 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U ~~U~~	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	~~U~~ U J	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	~~U~~ U J	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00063
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00052
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	~~U~~ U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0033		0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	96		80-120

JDP 11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_24-26_20221012 | Lab Sample ID: 460-267360-17

Matrix: Solid | Lab File ID: K39170.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:25

Sample wt/vol: 5.02(g) | Date Analyzed: 10/17/2022 17:49

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.9 % Solids: 95.1 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U → UJ	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00022
75-35-4	1,1-Dichloroethene	0.0010	U → UJ	0.0010	0.00024
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U → UJ	0.0010	0.00041
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00055
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029
124-48-1	Dibromochloromethane	0.0010	U → UJ	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.015		0.0010	0.00034
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	95		75-139
1868-53-7	Dibromofluoromethane (Surr)	109		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

for 11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_26-28_20221012 | Lab Sample ID: 460-267360-18

Matrix: Solid | Lab File ID: K39171.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:30

Sample wt/vol: 4.42(g) | Date Analyzed: 10/17/2022 18:12

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.3 % Solids: 95.7 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U ~~U~~	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	~~U~~ UJ	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U ~~U~~ J	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00074	J	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U ~~U~~	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.14		0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00065

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	103		73-139
2037-26-5	Toluene-d8 (Surr)	97		80-120

11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_28-30_20221012 | Lab Sample ID: 460-267360-19

Matrix: Solid | Lab File ID: K39172.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:35

Sample wt/vol: 3.88(g) | Date Analyzed: 10/17/2022 18:34

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.8 % Solids: 97.2 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	~~U~~ U	0.0013	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00028
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00024
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00027
75-35-4	1,1-Dichloroethene	0.0013	~~U~~ UJ	0.0013	0.00030
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00039
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00056
75-27-4	Bromodichloromethane	0.0013	U	0.0013	0.00034
56-23-5	Carbon tetrachloride	0.0013	~~U~~ UJ	0.0013	0.00051
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00023
75-00-3	Chloroethane	0.0013	U	0.0013	0.00069
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
74-87-3	Chloromethane	0.0013	U	0.0013	0.00058
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036
124-48-1	Dibromochloromethane	0.0013	~~U~~ U	0.0013	0.00026
75-09-2	Methylene Chloride	0.0027	U	0.0027	0.0015
127-18-4	Tetrachloroethene	0.0013	U	0.0013	0.00040
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
79-01-6	Trichloroethene	0.00046	J	0.0013	0.00043
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00072

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	111		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

for 11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_30-32_20221012 | Lab Sample ID: 460-267360-20

Matrix: Solid | Lab File ID: K39173.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:40

Sample wt/vol: 4.51(g) | Date Analyzed: 10/17/2022 18:56

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.5 % Solids: 95.5 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U* U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U UJ	0.0012	0.00026
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00034
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00049
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U* UJ	0.0012	0.00045
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00061
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U* U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.017		0.0012	0.00037
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00063

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		72-145
460-00-4	Bromofluorobenzene	97		75-139
1868-53-7	Dibromofluoromethane (Surr)	111		73-139
2037-26-5	Toluene-d8 (Surr)	95		80-120

11/9/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-RI-SB-2B_32-34_20221012 | Lab Sample ID: 460-267360-21

Matrix: Solid | Lab File ID: K39174.D

Analysis Method: 8260D | Date Collected: 10/12/2022 14:45

Sample wt/vol: 4.44(g) | Date Analyzed: 10/17/2022 19:18

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.5 % Solids: 95.5 | Level: (low/med) Low

Analysis Batch No.: 872353 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U ~~U~~	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	~~U~~ UJ	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U ~~U~~ UJ	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U ~~U~~ U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0013
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-145
460-00-4	Bromofluorobenzene	96		75-139
1868-53-7	Dibromofluoromethane (Surr)	108		73-139
2037-26-5	Toluene-d8 (Surr)	92		80-120

11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-FB-01_20221012 | Lab Sample ID: 460-267360-22

Matrix: Water | Lab File ID: O82707.d

Analysis Method: 8260D | Date Collected: 10/12/2022 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/14/2022 03:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-TB-01_20221012 | Lab Sample ID: 460-267360-23

Matrix: Water | Lab File ID: O82717.d

Analysis Method: 8260D | Date Collected: 10/12/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/14/2022 07:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 871835 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	86		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_5-6_20221013 | Lab Sample ID: 460-267458-1

Matrix: Solid | Lab File ID: O82920.d

Analysis Method: 8260D | Date Collected: 10/13/2022 11:10

Sample wt/vol: 4.00(g) | Date Analyzed: 10/19/2022 01:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: 5.6 % Solids: 94.4 | Level: (low/med) Medium

Analysis Batch No.: 872711 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.14	U	0.14	0.038
79-34-5	1,1,2,2-Tetrachloroethane	0.14	~~U~~ UJ	0.14	0.027
79-00-5	1,1,2-Trichloroethane	0.14	U	0.14	0.028
75-34-3	1,1-Dichloroethane	0.14	U	0.14	0.033
75-35-4	1,1-Dichloroethene	0.14	~~U~~ UJ	0.14	0.036
107-06-2	1,2-Dichloroethane	0.14	U	0.14	0.034
78-87-5	1,2-Dichloropropane	0.14	U	0.14	0.024
75-27-4	Bromodichloromethane	0.14	U	0.14	0.020
56-23-5	Carbon tetrachloride	0.14	U	0.14	0.045
108-90-7	Chlorobenzene	0.14	U	0.14	0.033
75-00-3	Chloroethane	0.14	U	0.14	0.050
67-66-3	Chloroform	0.14	U	0.14	0.030
74-87-3	Chloromethane	0.14	U	0.14	0.054
156-59-2	cis-1,2-Dichloroethene	0.088	J	0.14	0.035
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.14	0.030
124-48-1	Dibromochloromethane	0.14	U	0.14	0.030
75-09-2	Methylene Chloride	0.14	~~U~~ U	0.14	0.028
127-18-4	Tetrachloroethene	0.25		0.14	0.049
156-60-5	trans-1,2-Dichloroethene	0.14	U	0.14	0.024
10061-02-6	trans-1,3-Dichloropropene	0.14	U	0.14	0.030
79-01-6	Trichloroethene	37		0.14	0.030
75-01-4	Vinyl chloride	0.14	U	0.14	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		68-150
460-00-4	Bromofluorobenzene	89		70-150
1868-53-7	Dibromofluoromethane (Surr)	73		68-150
2037-26-5	Toluene-d8 (Surr)	109		80-147

10/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_6-8_20221013 | Lab Sample ID: 460-267458-2

Matrix: Solid | Lab File ID: D99224.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:20

Sample wt/vol: 5.19(g) | Date Analyzed: 10/17/2022 14:25

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.5 % Solids: 95.5 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00043
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00026
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
75-00-3	Chloroethane	0.0010	U	0.0010	0.00053
67-66-3	Chloroform	0.0010	U	0.0010	0.00098
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00020
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0012
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		72-145
460-00-4	Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_8-10_20221013 | Lab Sample ID: 460-267458-3

Matrix: Solid | Lab File ID: D99225.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:25

Sample wt/vol: 4.90(g) | Date Analyzed: 10/17/2022 14:48

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.5 % Solids: 97.5 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U * U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00022
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00024
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
75-27-4	Bromodichloromethane	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U * U	0.0010	0.00041
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00055
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029
124-48-1	Dibromochloromethane	0.0010	U	0.0010	0.00020
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0010	U * U	0.0010	0.00032
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00034
75-01-4	Vinyl chloride	0.0010	U * U	0.0010	0.00057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
460-00-4	Bromofluorobenzene	110		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

for 11/9/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_10-12_20221013 | Lab Sample ID: 460-267458-4

Matrix: Solid | Lab File ID: D99245.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:30

Sample wt/vol: 4.24(g) | Date Analyzed: 10/17/2022 22:40

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.5 % Solids: 96.5 | Level: (low/med) Low

Analysis Batch No.: 872434 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00052
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
79-01-6	Trichloroethene	0.0042		0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00067

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_12-14_20221013 | Lab Sample ID: 460-267458-5

Matrix: Solid | Lab File ID: D99227a.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:35

Sample wt/vol: 4.27(g) | Date Analyzed: 10/17/2022 15:57

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.8 % Solids: 96.2 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

for 11/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-1_14-15_20221013 | Lab Sample ID: 460-267458-6

Matrix: Solid | Lab File ID: D99228.D

Analysis Method: 8260D | Date Collected: 10/13/2022 11:40

Sample wt/vol: 4.83(g) | Date Analyzed: 10/17/2022 16:19

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.3 % Solids: 94.7 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U ~~U~~ U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00046
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U ~~U~~ U	0.0011	0.00042
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00057
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
127-18-4	Tetrachloroethene	0.0011	U ~~U~~ U	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00035
75-01-4	Vinyl chloride	0.0011	U ~~U~~ U	0.0011	0.00060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		72-145
460-00-4	Bromofluorobenzene	109		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	107		80-120

11/9/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-SB-X2_20221013 | Lab Sample ID: 460-267458-11

Matrix: Solid L3-PP-SB-1_6-8_20221013 | Lab File ID: D99229.D

Analysis Method: 8260D | Date Collected: 10/13/2022 12:00

Sample wt/vol: 5.46(g) | Date Analyzed: 10/17/2022 16:42

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.4 % Solids: 95.6 | Level: (low/med) Low

Analysis Batch No.: 872315 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00096	~~U~~ U	0.00096	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00021
79-00-5	1,1,2-Trichloroethane	0.00096	U	0.00096	0.00017
75-34-3	1,1-Dichloroethane	0.00096	U	0.00096	0.00020
75-35-4	1,1-Dichloroethene	0.00096	U	0.00096	0.00022
107-06-2	1,2-Dichloroethane	0.00096	U	0.00096	0.00028
78-87-5	1,2-Dichloropropane	0.00096	U	0.00096	0.00041
75-27-4	Bromodichloromethane	0.00096	U	0.00096	0.00025
56-23-5	Carbon tetrachloride	0.00096	~~U~~ U	0.00096	0.00037
108-90-7	Chlorobenzene	0.00096	U	0.00096	0.00017
75-00-3	Chloroethane	0.00096	U	0.00096	0.00050
67-66-3	Chloroform	0.00096	U	0.00096	0.00093
74-87-3	Chloromethane	0.00096	U	0.00096	0.00042
156-59-2	cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034
10061-01-5	cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026
124-48-1	Dibromochloromethane	0.00096	U	0.00096	0.00019
75-09-2	Methylene Chloride	0.0019	U	0.0019	0.0011
127-18-4	Tetrachloroethene	0.00096	~~U~~ U	0.00096	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025
79-01-6	Trichloroethene	0.00096	U	0.00096	0.00031
75-01-4	Vinyl chloride	0.00096	~~U~~ U	0.00096	0.00052

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	104		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

for 11/9/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-FB-02_20221013 | Lab Sample ID: 460-267458-12

Matrix: Water | Lab File ID: V26554.D

Analysis Method: 8260D | Date Collected: 10/13/2022 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 22:05

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0		1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	0.43	J	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	~~U~~ UJ	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	Bromofluorobenzene	118		76-120
1868-53-7	Dibromofluoromethane (Surr)	119		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

11/30/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-TB-02_20221013 | Lab Sample ID: 460-267458-33

Matrix: Water | Lab File ID: V26552.D

Analysis Method: 8260D | Date Collected: 10/13/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 21:22

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	~~U~~ UJ	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

JOP 11/30/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-TB-01_20221013 | Lab Sample ID: 460-267521-1

Matrix: Water | Lab File ID: V26618.D

Analysis Method: 8260D | Date Collected: 10/13/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2022 11:54

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872367 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	~~U~~ UJ	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	0.44	J	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

11/30/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-FB-01_20221013 | Lab Sample ID: 460-267521-2

Matrix: Water | Lab File ID: V26557.D

Analysis Method: 8260D | Date Collected: 10/13/2022 18:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/15/2022 23:08

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 872160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U UJ	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U UJ	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

JDP 11/30/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_5-6_20221013 | Lab Sample ID: 460-267521-3

Matrix: Solid | Lab File ID: O82903.d

Analysis Method: 8260D | Date Collected: 10/13/2022 17:00

Sample wt/vol: 4.42(g) | Date Analyzed: 10/18/2022 18:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: 9.9 % Solids: 90.1 | Level: (low/med) Medium

Analysis Batch No.: 872551 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.13	U	0.13	0.037
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	0.13	0.026
79-00-5	1,1,2-Trichloroethane	0.13	U	0.13	0.027
75-34-3	1,1-Dichloroethane	0.13	U	0.13	0.031
75-35-4	1,1-Dichloroethene	0.13	U	0.13	0.035
107-06-2	1,2-Dichloroethane	0.13	U	0.13	0.033
78-87-5	1,2-Dichloropropane	0.13	U	0.13	0.024
75-27-4	Bromodichloromethane	0.13	U	0.13	0.020
56-23-5	Carbon tetrachloride	0.13	U	0.13	0.043
108-90-7	Chlorobenzene	0.13	U	0.13	0.031
75-00-3	Chloroethane	0.13	U UJ	0.13	0.048
67-66-3	Chloroform	0.13	U	0.13	0.029
74-87-3	Chloromethane	0.13	U	0.13	0.053
156-59-2	cis-1,2-Dichloroethene	0.16	J	0.13	0.034
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.13	0.029
124-48-1	Dibromochloromethane	0.13	U	0.13	0.029
75-09-2	Methylene Chloride	0.068	J	0.13	0.028
127-18-4	Tetrachloroethene	0.13	U	0.13	0.047
156-60-5	trans-1,2-Dichloroethene	0.045	J	0.13	0.024
10061-02-6	trans-1,3-Dichloropropene	0.13	U	0.13	0.029
79-01-6	Trichloroethene	17	J	0.13	0.029
75-01-4	Vinyl chloride	0.13	U	0.13	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		68-150
460-00-4	Bromofluorobenzene	95		70-150
1868-53-7	Dibromofluoromethane (Surr)	112		68-150
2037-26-5	Toluene-d8 (Surr)	116		80-147

11/20/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-SB-X4_20221013 | Lab Sample ID: 460-267521-4

Matrix: Solid L3-PP-SB-2_S-6_20221013 | Lab File ID: D99292.D

Analysis Method: 8260D | Date Collected: 10/13/2022 18:00

Sample wt/vol: 3.14(g) | Date Analyzed: 10/18/2022 16:38

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.1 % Solids: 89.9 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0018	U	0.0018	0.00041
79-34-5	1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00038
79-00-5	1,1,2-Trichloroethane	0.0018	U	0.0018	0.00032
75-34-3	1,1-Dichloroethane	0.0018	U	0.0018	0.00036
75-35-4	1,1-Dichloroethene	0.00075	J	0.0018	0.00040
107-06-2	1,2-Dichloroethane	0.0018	U	0.0018	0.00052
78-87-5	1,2-Dichloropropane	0.0018	U	0.0018	0.00075
75-27-4	Bromodichloromethane	0.0018	U	0.0018	0.00046
56-23-5	Carbon tetrachloride	0.0018	U	0.0018	0.00069
108-90-7	Chlorobenzene	0.0018	U	0.0018	0.00031
75-00-3	Chloroethane	0.0018	~~U~~ JJ	0.0018	0.00092
67-66-3	Chloroform	0.0018	U	0.0018	0.0017
74-87-3	Chloromethane	0.0018	U	0.0018	0.00077
156-59-2	cis-1,2-Dichloroethene	0.0068	J-	0.0018	0.00063
10061-01-5	cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00048
124-48-1	Dibromochloromethane	0.0018	U	0.0018	0.00034
75-09-2	Methylene Chloride	0.0036	J-	0.0035	0.0020
127-18-4	Tetrachloroethene	0.0018	U	0.0018	0.00054
156-60-5	trans-1,2-Dichloroethene	0.0011	J	0.0018	0.00044
10061-02-6	trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00047
79-01-6	Trichloroethene	0.41	J-	0.0018	0.00057
75-01-4	Vinyl chloride	0.0018	U	0.0018	0.00097

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	Bromofluorobenzene	105		75-139
1868-53-7	Dibromofluoromethane (Surr)	113		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

4/19/2022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_6-8_20221013 | Lab Sample ID: 460-267521-5

Matrix: Solid | Lab File ID: D99310.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:05

Sample wt/vol: 4.90(g) | Date Analyzed: 10/18/2022 23:24

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 4.4 % Solids: 95.6 | Level: (low/med) Low

Analysis Batch No.: 872654 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00024
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00032
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00045
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00027
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00041
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00019
75-00-3	Chloroethane	0.0011	U	0.0011	0.00056
67-66-3	Chloroform	0.0011	U	0.0011	0.0010
74-87-3	Chloromethane	0.0011	U	0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028
79-01-6	Trichloroethene	0.0011	U	0.0011	0.00034
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00058

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	100		75-139
1868-53-7	Dibromofluoromethane (Surr)	119		73-139
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_8-10_20221013 | Lab Sample ID: 460-267521-6

Matrix: Solid | Lab File ID: D99294.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:10

Sample wt/vol: 4.39(g) | Date Analyzed: 10/18/2022 17:23

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 3.6 % Solids: 96.4 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00030
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00023
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.00058	J	0.0012	0.00038
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00065

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-145
460-00-4	Bromofluorobenzene	104		75-139
1868-53-7	Dibromofluoromethane (Surr)	120		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_10-12_20221013 | Lab Sample ID: 460-267521-7

Matrix: Solid | Lab File ID: D99295.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:15

Sample wt/vol: 5.41(g) | Date Analyzed: 10/18/2022 17:46

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.4 % Solids: 83.6 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00047
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00058
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00021
75-09-2	Methylene Chloride	0.0022	U	0.0022	0.0013
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00034
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029
79-01-6	Trichloroethene	0.0079		0.0011	0.00035
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-145
460-00-4	Bromofluorobenzene	103		75-139
1868-53-7	Dibromofluoromethane (Surr)	119		73-139
2037-26-5	Toluene-d8 (Surr)	107		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_12-14_20221013 | Lab Sample ID: 460-267521-8

Matrix: Solid | Lab File ID: D99296.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:20

Sample wt/vol: 4.26(g) | Date Analyzed: 10/18/2022 18:08

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.2 % Solids: 94.8 | Level: (low/med) Low

Analysis Batch No.: 872520 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00027
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00026
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00028
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00037
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00052
75-27-4	Bromodichloromethane	0.0012	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00048
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
75-00-3	Chloroethane	0.0012	U	0.0012	0.00065
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00054
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034
124-48-1	Dibromochloromethane	0.0012	U	0.0012	0.00024
75-09-2	Methylene Chloride	0.0025	U	0.0025	0.0014
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00038
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
79-01-6	Trichloroethene	0.0011	J	0.0012	0.00040
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00068

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		72-145
460-00-4	Bromofluorobenzene	101		75-139
1868-53-7	Dibromofluoromethane (Surr)	116		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-267360-1

SDG No.:

Client Sample ID: L3-PP-SB-2_14-15_20221013 | Lab Sample ID: 460-267521-9

Matrix: Solid | Lab File ID: D99383.D

Analysis Method: 8260D | Date Collected: 10/13/2022 17:25

Sample wt/vol: 4.70(g) | Date Analyzed: 10/20/2022 09:45

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.9 % Solids: 94.1 | Level: (low/med) Low

Analysis Batch No.: 872987 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024
79-00-5	1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.0011	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.0011	U	0.0011	0.00025
107-06-2	1,2-Dichloroethane	0.0011	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.0011	U	0.0011	0.00048
75-27-4	Bromodichloromethane	0.0011	U	0.0011	0.00029
56-23-5	Carbon tetrachloride	0.0011	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.0011	U	0.0011	0.00020
75-00-3	Chloroethane	0.0011	U	0.0011	0.00059
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
74-87-3	Chloromethane	0.0011	U	0.0011	0.00049
156-59-2	cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040
10061-01-5	cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031
124-48-1	Dibromochloromethane	0.0011	U	0.0011	0.00022
75-09-2	Methylene Chloride	0.0023	U	0.0023	0.0013
127-18-4	Tetrachloroethene	0.0011	U	0.0011	0.00034
156-60-5	trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030
79-01-6	Trichloroethene	0.00082	J	0.0011	0.00036
75-01-4	Vinyl chloride	0.0011	U	0.0011	0.00062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		72-145
460-00-4	Bromofluorobenzene	113		75-139
1868-53-7	Dibromofluoromethane (Surr)	100		73-139
2037-26-5	Toluene-d8 (Surr)	117		80-120

APPENDIX F

OCTOBER 2022 SUPPLEMENTAL INVESTIGATION - AIR MONITORING LOGS

AKRF, Inc.

Air Monitoring Log

Project: Atlantic Chestnut - Lot 2	Client:	Date: 10/12/2022	
Work Activity: Drilling for soil Collection at SB-33, SB-10B, SB-2B		Logged By: M Ballotto	
		Job No: 12493	
Weather: SUNNY (54-68)°F	Wind Direction: from SW	Wind Speed: (4-8) mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
730	SW of Site	0.0	0.020	None	BACKGROUND
800	Arriving	0.0	0.032	None	Drilling at L2-SRI-SB-33
830	By SB-33	0.0	0.027	None	↓ ↑ ↓
900	S of SB-33	0.0	0.040	None	
930	N of SB-33	0.0	0.055	None	Drilling at L2-SRI-SB-33
1000	W of SB-10B	0.0	0.061	None	Drilling at L2-RI-SB-10B
1030	Arriving	0.0	0.057	None	↓ ↑
1100	By SB-10B	0.0	0.069	None	
1130	// //	0.0	0.082	None	
1200	By SB-2B	0.0	0.077	None	Drilling at L3-RI-SB-2B
1230	// //	0.0	0.059	None	↓ ↑
1300	// //	0.0	0.063	None	
1330	By SB-2B	0.0	0.067	None	Drilling at L3-RI-SB-2B

10/12/2022

Work Zone Action Levels	
PID	DUST
<5 ppm: Level D	<0.150 mg/m³ above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m³ above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m³ above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m³ above background: STOP**

AKRF, Inc.

Air Monitoring Log

Project: Atlantic Chestnut - Lot 3 & 2	**Client:**	**Date:** 10/13/2022	
Work Activity: + Drilling at L3-PP-SB-1 & L2-PP-SB-3		**Logged By:** M. Bollard	
		Job No:	
Weather: Cloudy (64-68)°F + rain @ 1030 AM	**Wind Direction:** from SE	**Wind Speed:** (10-15) mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
730	SE of site	0.0	0.027	None	BACKGROUND
800	E of L3-PP-SB-1	0.0	0.037	None	Drilling at L3-PP-SB-1
830	N of L3-PP-SB-1	0.0	0.044	None	" " "
900	W of L3-PP-SB-1	0.0	0.059	None	" " "
930	E of L3-PP-SB-1	0.0	0.077	None	Drilling at L3-PP-SB-1
1000	Moving	0.0	0.060	None	Drilling at L2-PP-SB-3
1030	BY L2-PP-SB-3	0.0	0.054	None	" " "
1100	RAIN - MOVING	AIR	MONITORING		STOPPED
				10/13/2022	

Work Zone Action Levels	
PID	**DUST**
<5 ppm: Level D Between 5 ppm and 50 ppm: level C	<0.150 mg/m³ above background in breathing zone: level D
>50 ppm: STOP	>0.150 mg/m³ above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m³ above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m³ above background: STOP**