



March 20, 2021

Stora Enso C/O
John T. Kolaga, Esq.
Rupp Baase Pfalzgraf Cunningham LLC
1600 Liberty Building
Buffalo, New York 14202

**RE: PERIODIC PROGRESS REPORT – MARCH 2021
VAILS GATE MANUFACTURING, LLC
VAILS GATE, NEW YORK, NYSDEC SITE NO. 336065**

Dear Mr. Kolaga:

Leader Consulting Services, Inc. (“Leader”) is pleased to provide Rupp Baase Pfalzgraf Cunningham, LLC (“RBFC”), on behalf of Stora Enso, with this Periodic Progress Report summarizing the Remediation and Sampling Activities at the former Vails Gate Manufacturing facility (“VGM”) at 1073 Route 94 in Vails Gate, New York (hereafter referred to as “the Site”) through March 2021. The Site is currently identified as the Vails Gate Business Center (“VGBC”).

1.0 BACKGROUND

Leader was retained to implement the New York State Department of Environmental Conservation (“NYSDEC”)-approved Remedial Action Work Plan (“RAWP”) that was developed for Area of Concern 6 (“AOC 6”) at the Site. As identified in the approved RAWP, In-situ bioremediation was the selected remedial alternative identified in the NYSDEC-approved Corrective Measure Study (“CMS”).

The Site-specific Standards, Criteria and Guidance (“SCGs”) applicable to the RAWP were developed to meet the Remedial Action Objectives (“RAOs”) of the CMS. An “unrestricted use remedy” has been established for the Site, which is based on the regulatory standard values for Class GA groundwater identified in 6 NYCRR Part 703.5. The RAWP was developed to address the SCGs and RAOs for the Site. The RAWP has been implemented in accordance with NYSDEC Department of Environmental Remediation (“DER”) Guidance Document DER-10, *Technical Guidance for Site Investigation and Remediation*.

The In-Situ Bioremediation program identified in the RAWP was based on the March 2012 Phase II RCRA Facility Investigation (“RFI”) and the 2013 CMS. Quarterly sampling and laboratory analyses of groundwater samples from four (4) groundwater monitoring wells (MW-14, MW-5A/AR, MW-16 and MW-CHA-RFI-7) was required per the RAWP.

A Site Management Plan (“SMP”) was approved by NYSDEC after the final Quarterly Sampling event was completed. This SMP required the following to be completed during the 2020/2021 heating season: 1) Evaluation and repair (if needed) of existing Sub Slab Depressurization System (“SSDS”) in Space 15; 2) Indoor Air Sampling and Testing in the Tesla Space (formerly Solar City); and 3) Groundwater sampling and testing of MW-SA/AR and MW-14.



2.0 SCOPE-OF-WORK

The scope of work for this Periodic Progress Report is based on DER-10 and is to summarize the status of Remedial Actions accomplished through March 2021 and the results of the SMP – related activities conducted in 2021.

3.0 PROGRESS THROUGH MARCH 2021

Groundwater sampling was conducted at the Site from June 2011 through March 2021. The sampling events were designed to evaluate the success of the Bioremediation Activities. The Post–Remediation sampling and analysis includes the typical parameters of volatile organic compounds (“VOCs”), sulfate, total organic carbon (“TOC”), and dissolved iron (“DI”) and the field parameters of dissolved oxygen (“DO”), pH, oxidation reduction potential (“redox”), temperature and turbidity. Groundwater sample locations at MW-16 and MW-CHA-RFI-7 meet the Class GA groundwater standards as of the August 2017 sampling event and were not sampled during the March 2021 sampling event.

For the purpose of assessing the continued viability of the bioremediation medium, periodic sampling of the groundwater was conducted. Laboratory data are reviewed to evaluate analyte concentrations from groundwater samples from two (2) of the on-Site monitoring wells. The results are compared to previous data generated during RAWP implementation (i.e, bioremediation sampling and analysis) and the SCGS.

The March 2021 sampling event involved the collection of groundwater samples from monitoring wells MW-14 and MW-5A/AR. These laboratory reports are included in Attachment A. The groundwater sample from MW-14 detected 1,1-dichloroethane above the Class GA groundwater standard and no analytes were detected above the groundwater standards at MW-5A/AR during the March 2021 sampling event. These results are similar to previous post-remediation data and indicate the remedy is still achieving the RAOs.

Indoor Air Sampling is conducted periodically to assess the adequacy of the vapor mitigation system. Leader sampled the Indoor Air in February 2021 and the laboratory results are included in Attachment B. Air sample results were below the NYSDOH Air Guidelines for the contaminants potentially related to this Remedial Action. There were no integrity issues with the bioremediation remedial systems at the Site. MW-5A/AR and MW-14 were in satisfactory operating condition; however, MW-14 is in a depressed area of the parking lot and was under surface water during the March 2021 sampling event. The concrete floor above the area where bio-remediation material had been injected was in good condition.

Engineering Controls include the SSDS which was installed in Space 15 in February 2010. The vapor mitigation system was inspected by Alpine Environmental Services, Inc. in June 2011, April 2012, February 2018, March 2020 and January 2021. The January 2021 vapor mitigation system inspection assessed the operating conditions and involved maintenance and repair of the system. The SSDS Assessment Report is included in Attachment C. During the January 2021 inspection no deficiencies were observed or noted.

Institutional Controls (“IC”) were previously implemented to prevent future exposure to the remaining contamination and limit the development of the Site.

4.0 REMEDIAL ACTION OBJECTIVES

The RAOs for the Site are listed in the CMS and RAWP dated February and July 2014, respectively. They identify the Site specific Standards, Criteria and Guidance (“SCGs”) applicable to the Site and have been selected to meet the overall RAOs of the CMS. An unrestricted use remedy has been established for the Site, which is based on the regulatory standard values for Class GA groundwater identified in 6 NYCRR Part 703.5. This detailed In-situ bioremediation RAWP was designed to address the SCGs and the RAOs for the Site.

4.1 Groundwater - RAOs for Public Health Protection

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

The groundwater is not used as a public drinking water supply or used as process water within the facility. Therefore, the above RAOs have been met.

4.2 Groundwater - RAOs for Environmental Protection

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

The Site is in the post-bioremediation phase. There is no release of groundwater into the surface waters.

4.3 Soil - RAOs for Public Health Protection

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

A portion of the oil/water separator and 500-gallon overflow tank was removed along with the excavation of the surrounding contaminated soils. The impact to the groundwater is being bioremediated and monitored.

4.4 Soil - RAOs for Environmental Protection

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

The area where the remediation activities occurred is covered in asphalt or concrete. There is no direct contact with, or migration from, the former remediation area.

4.5 Soil Vapor RAOs

The RAOs established for sub-slab and indoor air samples collected within the Main Building at the Site are based on the decision matrices that are presented in the New York State Department of Health (“NYSDOH”) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York, and screening levels specified in the 2001 USEPA Indoor Air Building Assessment and Survey Evaluation (“BASE”) Database, 90th Percentile of Indoor Air Results. In general, the RAO for Public Health Protection is to Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a Site. The February 2021 Indoor Air Sampling results in the Tesla Space indicate that levels are below applicable NYSDOH guidelines for the VOCs related to this Remedial Action.

Based on the activities conducted to date, all of the ROAs have been satisfied.

5.0 2020 GROUNDWATER AND INDOOR AIR SAMPLING RESULTS

This section includes more details pertaining to the Groundwater and Indoor Air Sampling testing activities. All field activities were implemented in general accordance with the NYSDEC approved QAPP and HASP.

5.1 Groundwater Sampling Results

GWM Well MW-5A/AR

Chloroethane concentrations decreased from 72.6 ppb in April 2020 to a reported value of non-detected (ND) in March 2021, which is below the Class GA groundwater standard of 5 ppb.

1,1-dichloroethane concentrations decreased from 7.4 ppb in April 2020 to 1.2 ppb in March 2021 which is below the Class GA groundwater standard of 5 ppb.

The remaining VOC analytes were not detected within the March 2021 sample.

GWM Well MW-14

Chloroethane concentrations increased from non-detect in April 2020 to 3.8 ppb in March 2021 and remains below the Class GA groundwater standard of 5 ppb.

1,1-dichloroethane concentrations decreased from 18.7 in April 2020 to 6.1 ppb in March 2021 which is above the Class GA groundwater standard of 5 ppb.

1,1-dichloroethene concentrations were detected at 1.4 ppb in March 2021 which is below the Class GA groundwater standard of 5 ppb.

Vinyl Chloride concentrations decreased from 1.6 ppb in April 2020 to 1.3 ppb in March 2021 which is below the Class GA groundwater standard of 2 ppb.



The remaining VOC analytes were not detected within the March 2021 sample.

GWM Well MW-16

The VOC analytes were below the Class GA groundwater standards or not detected within the August 2017 sample. These wells were not sampled in March 2021.

GWM Well MW-CHA-RFI-7

The VOC analytes were below the Class GA groundwater standards or not detected within the August 2017 sample. These wells were not sampled in March 2021.

The updated Groundwater Sampling Results spreadsheet is included in Attachment D (Tables 1a, 1b, 1c, Table 2 Field Data, and Table 3 Reductive Dechlorination).

5.2 Indoor Air Quality Results

An indoor air sample was collected in the Tesla Space near MW-5R/AR. The sample was analyzed by Centek Laboratories (See Attachment C).

The February 2021 indoor air sampling results are summarized below in Table 1. All Levels detected were below applicable guidance values or standards.

**Table 1
 February 2021 Indoor Air Quality Sampling Results**

VOC	Vails Gate – Space 15 ($\mu\text{g}/\text{m}^3$)		NYSDOH Indoor Air Guideline ($\mu\text{g}/\text{m}^3$)	NYSDOH 2001 BASE Levels ($\mu\text{g}/\text{m}^3$)
	1- VG Storage and Shelving Area	1-VG Duplicate Storage and Shelving Area		
				90th Percentile
1,2,4-Trimethylbenzene	ND	ND	NA	9.5
1,3,5-Trimethylbenzene	ND	ND	NA	3.7
2,2,4-trimethylpentane	0.47J	ND	NA	Not Established
4-ethyltoluene	ND	ND	NA	3.6
Acetone	11	11	NA	98.9
Benzene	0.80	0.83	NA	9.4
Carbon tetrachloride	0.38	0.38	NA	<1.3
Chloromethane	0.72	0.70	NA	3.7
Cyclohexane	0.96	1.1	NA	Not Established
Ethyl acetate	0.83	0.83	NA	5.4



VOC	Vails Gate – Space 15 (µg/m ³)		NYSDOH Indoor Air Guideline (µg/m ³)	NYSDOH 2001 BASE Levels (µg/m ³)
	1- VG Storage and Shelving Area	1-VG Duplicate Storage and Shelving Area		
				90th Percentile
Ethylbenzene	ND	ND	NA	5.7
Freon 11	1.1	1.2	NA	Not Established
Freon 12	1.8	1.9	NA	Not Established
Heptane	0.66	0.57J	NA	Not Established
Hexane	0.99	0.67	NA	10.2
Isopropyl alcohol	21	17	NA	250
m&p-Xylene	1.0	1.0J	NA	22.2
Methyl Ethyl Ketone	2.9	3.2	NA	12.0
Methyl Isobutyl Ketone	ND	ND	NA	6.0
Methylene chloride	0.94	0.90	60	10.0
o-Xylene	0.52	0.52J	NA	7.9
Styrene	0.98	0.94	NA	1.9
Toluene	2.1	2.1	NA	43.0

6.0 SUMMARY

The following summarizes the tasks that were completed in 2021 and the Statuses of Remedial Actions:

- 1) The indoor air was sampled and a visual evaluation of the remedial measures was completed in February 9, 2021;
- 2) The SSDS system evaluation was conducted on January 28, 2021; and,
- 3) The groundwater sampling and testing program was conducted on March 1, 2021.

The system is currently in good operating condition.



The monitoring of two (2) groundwater monitoring wells will be conducted annually. Below is a summary of the monitoring wells that contained contaminants that exceeded the GA groundwater standards in March 2021.

Monitoring Well	Analyte	Result	GA Standard
MW-14	1,1-Dichloroethane	6.1 µg/l	5 µg/l

The overall VOC levels have remained relatively constant since 2017 with only marginal exceedances of two (2) VOC groundwater standards. The remedial system is achieving the RAOs.

The Indoor Air Monitoring in the Tesla Space levels were below applicable guidance values. The indoor air at the facility satisfies the ROAs.

If you need any additional information, please contact the undersigned at (716) 565-0963.

Very truly yours,
Leader Consulting Services, Inc.

A handwritten signature in black ink that reads "Jeffrey A. Wittlinger".

Jeffrey A. Wittlinger, P.E., BCEE
President

enc.

- Attachment A – Groundwater Analytical Data
- Attachment B – Indoor Air Data
- Attachment C – SSDS System Report
- Attachment D – Groundwater Summary Tables

Attachment A

Groundwater Analytical Data



Analytical Data Package

Prepared by:

Pace Analytical Services

Pace Project No.: 70164195

Project Overview

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Organic

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March 16, 2021

Brian Demme
Leader Professional Services
2813 Wehrle Drive
Suite 1
Buffalo, NY 14221

RE: Project: VALIS GATE MANUFACTURING 3/1
Pace Project No.: 70164195

Dear Brian Demme:

Enclosed are the analytical results for sample(s) received by the laboratory on March 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

REVISION #1: Report re-issued on 3/16/2021 to include case narrative

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lea Sherman
lea.sherman@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Keith Keller, Leader Professional Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Pace Analytical Services Long Island

Delaware Certification # NY10478

Virginia Certification # 460302

Delaware Certification # NY10478

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Date: March 16, 2021

MW-5A/AR (Lab ID: 70164195001)

- 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

MW-14 MS/MSD (Lab ID: 70164195002)

- 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

TRIP BLANK (Lab ID: 70164195003)

- 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

MS (Lab ID: 982105)

- 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

MSD (Lab ID: 982106)

- 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

Client: Leader Professional Services

Date: March 16, 2021

General Information:

3 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 199617

IC: The initial calibration for this compound was outside of method control limits. The result is estimated.

- BLANK (Lab ID: 981848)
 - Acetone
- LCS (Lab ID: 981849)
 - Acetone
- MS (Lab ID: 982105)
 - Acetone
- MSD (Lab ID: 982106)
 - Acetone
- MW-14 MS/MSD (Lab ID: 70164195002)
 - Acetone
- MW-5A/AR (Lab ID: 70164195001)
 - Acetone
- TRIP BLANK (Lab ID: 70164195003)
 - Acetone

IH: This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.

- LCS (Lab ID: 981849)
 - Bromomethane
 - Vinyl chloride
- MS (Lab ID: 982105)
 - Bromomethane
 - Vinyl chloride
- MSD (Lab ID: 982106)
 - Bromomethane
 - Vinyl chloride
- MW-14 MS/MSD (Lab ID: 70164195002)
 - Vinyl chloride

IL: This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.

- BLANK (Lab ID: 981848)
 - 2-Butanone (MEK)
- LCS (Lab ID: 981849)
 - 2-Butanone (MEK)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

Client: Leader Professional Services

Date: March 16, 2021

QC Batch: 199617

IL: This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.

- MS (Lab ID: 982105)
 - 2-Butanone (MEK)
- MSD (Lab ID: 982106)
 - 2-Butanone (MEK)
- MW-14 MS/MSD (Lab ID: 70164195002)
 - 2-Butanone (MEK)
- MW-5A/AR (Lab ID: 70164195001)
 - 2-Butanone (MEK)
- TRIP BLANK (Lab ID: 70164195003)
 - 2-Butanone (MEK)

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 199617

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- LCS (Lab ID: 981849)
 - 4-Methyl-2-pentanone (MIBK)
 - Acetone
 - Bromomethane
 - Hexachloro-1,3-butadiene
- MS (Lab ID: 982105)
 - 4-Methyl-2-pentanone (MIBK)
 - Acetone
 - Bromomethane
 - Hexachloro-1,3-butadiene
- MSD (Lab ID: 982106)
 - 4-Methyl-2-pentanone (MIBK)
 - Acetone
 - Bromomethane
 - Hexachloro-1,3-butadiene
- MW-14 MS/MSD (Lab ID: 70164195002)
 - Acetone

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- BLANK (Lab ID: 981848)
 - 2,2-Dichloropropane
 - 2-Butanone (MEK)
 - Dichlorodifluoromethane
 - Trichlorofluoromethane
- LCS (Lab ID: 981849)
 - 2,2-Dichloropropane
 - 2-Butanone (MEK)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

Client: Leader Professional Services

Date: March 16, 2021

QC Batch: 199617

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- Dichlorodifluoromethane
- Trichlorofluoromethane
- MS (Lab ID: 982105)
 - 2,2-Dichloropropane
 - 2-Butanone (MEK)
 - Dichlorodifluoromethane
 - Trichlorofluoromethane
- MSD (Lab ID: 982106)
 - 2,2-Dichloropropane
 - 2-Butanone (MEK)
 - Dichlorodifluoromethane
 - Trichlorofluoromethane
- MW-14 MS/MSD (Lab ID: 70164195002)
 - 2,2-Dichloropropane
 - 2-Butanone (MEK)
 - Dichlorodifluoromethane
 - Trichlorofluoromethane
- MW-5A/AR (Lab ID: 70164195001)
 - 2,2-Dichloropropane
 - 2-Butanone (MEK)
 - Dichlorodifluoromethane
 - Trichlorofluoromethane
- TRIP BLANK (Lab ID: 70164195003)
 - 2,2-Dichloropropane
 - 2-Butanone (MEK)
 - Dichlorodifluoromethane
 - Trichlorofluoromethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

Client: Leader Professional Services

Date: March 16, 2021

QC Batch: 199617

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70164195002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 982106)
 - 4-Methyl-2-pentanone (MIBK)

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Sample: MW-5A/AR	Lab ID: 70164195001	Collected: 03/01/21 11:30	Received: 03/02/21 10:55	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data								
Analytical Method: Pace Analytical Services - Melville								
Field pH	7.02	Std. Units		1		03/01/21 11:30		
Field Temperature	5.7	deg C		1		03/01/21 11:30		
Field Specific Conductance	4388	umhos/cm		1		03/01/21 11:30		
Oxygen, Dissolved	3.36	mg/L		1		03/01/21 11:30	7782-44-7	
Eh	188	mV		1		03/01/21 11:30		
Field Turbidity	83.8	NTU		1		03/01/21 11:30		
8260C Volatile Organics								
Analytical Method: EPA 8260C/5030C								
Pace Analytical Services - Melville								
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/10/21 17:44	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/10/21 17:44	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/10/21 17:44	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/10/21 17:44	79-00-5	
1,1-Dichloroethane	1.2	ug/L	1.0	1		03/10/21 17:44	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 17:44	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 17:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/10/21 17:44	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/10/21 17:44	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/10/21 17:44	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/10/21 17:44	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 17:44	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 17:44	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 17:44	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/10/21 17:44	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/10/21 17:44	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		03/10/21 17:44	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/10/21 17:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/10/21 17:44	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/10/21 17:44	67-64-1	IC
Benzene	<1.0	ug/L	1.0	1		03/10/21 17:44	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/10/21 17:44	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/10/21 17:44	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/10/21 17:44	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/10/21 17:44	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/10/21 17:44	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/10/21 17:44	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/10/21 17:44	75-00-3	

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ANALYTICAL RESULTS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Sample: MW-5A/AR	Lab ID: 70164195001	Collected: 03/01/21 11:30	Received: 03/02/21 10:55	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Chloroform	<1.0	ug/L	1.0	1		03/10/21 17:44	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		03/10/21 17:44	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/10/21 17:44	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		03/10/21 17:44	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/10/21 17:44	75-71-8	v3
Ethylbenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/10/21 17:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/10/21 17:44	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/10/21 17:44	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		03/10/21 17:44	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		03/10/21 17:44	91-20-3	
Styrene	<1.0	ug/L	1.0	1		03/10/21 17:44	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		03/10/21 17:44	127-18-4	
Toluene	<1.0	ug/L	1.0	1		03/10/21 17:44	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		03/10/21 17:44	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/10/21 17:44	75-69-4	v3
Vinyl acetate	<1.0	ug/L	1.0	1		03/10/21 17:44	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		03/10/21 17:44	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/10/21 17:44	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 17:44	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 17:44	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		03/10/21 17:44	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	104-51-8	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		03/10/21 17:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/10/21 17:44	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 17:44	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 17:44	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 17:44	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-123	1		03/10/21 17:44	17060-07-0	
4-Bromofluorobenzene (S)	96	%	66-119	1		03/10/21 17:44	460-00-4	
Toluene-d8 (S)	96	%	82-121	1		03/10/21 17:44	2037-26-5	

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ANALYTICAL RESULTS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Sample: MW-14 MS/MSD	Lab ID: 70164195002	Collected: 03/01/21 11:45	Received: 03/02/21 10:55	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data								
Analytical Method: Pace Analytical Services - Melville								
Field pH	6.83	Std. Units		1		03/01/21 11:45		
Field Temperature	10.7	deg C		1		03/01/21 11:45		
Field Specific Conductance	1738	umhos/cm		1		03/01/21 11:45		
Oxygen, Dissolved	8.19	mg/L		1		03/01/21 11:45	7782-44-7	
Eh	-21	mV		1		03/01/21 11:45		
Field Turbidity	60.6	NTU		1		03/01/21 11:45		
8260C Volatile Organics								
Analytical Method: EPA 8260C/5030C								
Pace Analytical Services - Melville								
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/10/21 18:03	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/10/21 18:03	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/10/21 18:03	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/10/21 18:03	79-00-5	
1,1-Dichloroethane	6.1	ug/L	1.0	1		03/10/21 18:03	75-34-3	
1,1-Dichloroethene	1.4	ug/L	1.0	1		03/10/21 18:03	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 18:03	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/10/21 18:03	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/10/21 18:03	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/10/21 18:03	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/10/21 18:03	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 18:03	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 18:03	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 18:03	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/10/21 18:03	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/10/21 18:03	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		03/10/21 18:03	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/10/21 18:03	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/10/21 18:03	108-10-1	M1
Acetone	<5.0	ug/L	5.0	1		03/10/21 18:03	67-64-1	IC,v1
Benzene	<1.0	ug/L	1.0	1		03/10/21 18:03	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/10/21 18:03	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/10/21 18:03	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/10/21 18:03	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/10/21 18:03	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/10/21 18:03	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/10/21 18:03	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	108-90-7	
Chloroethane	3.8	ug/L	1.0	1		03/10/21 18:03	75-00-3	

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ANALYTICAL RESULTS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Sample: MW-14 MS/MSD	Lab ID: 70164195002	Collected: 03/01/21 11:45	Received: 03/02/21 10:55	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Chloroform	<1.0	ug/L	1.0	1		03/10/21 18:03	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		03/10/21 18:03	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/10/21 18:03	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		03/10/21 18:03	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/10/21 18:03	75-71-8	v3
Ethylbenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/10/21 18:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/10/21 18:03	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/10/21 18:03	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		03/10/21 18:03	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		03/10/21 18:03	91-20-3	
Styrene	<1.0	ug/L	1.0	1		03/10/21 18:03	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		03/10/21 18:03	127-18-4	
Toluene	<1.0	ug/L	1.0	1		03/10/21 18:03	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		03/10/21 18:03	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/10/21 18:03	75-69-4	v3
Vinyl acetate	<1.0	ug/L	1.0	1		03/10/21 18:03	108-05-4	
Vinyl chloride	1.3	ug/L	1.0	1		03/10/21 18:03	75-01-4	IH
Xylene (Total)	<3.0	ug/L	3.0	1		03/10/21 18:03	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 18:03	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 18:03	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		03/10/21 18:03	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	104-51-8	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		03/10/21 18:03	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/10/21 18:03	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 18:03	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 18:03	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 18:03	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-123	1		03/10/21 18:03	17060-07-0	
4-Bromofluorobenzene (S)	97	%	66-119	1		03/10/21 18:03	460-00-4	
Toluene-d8 (S)	95	%	82-121	1		03/10/21 18:03	2037-26-5	

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ANALYTICAL RESULTS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Sample: TRIP BLANK	Lab ID: 70164195003	Collected: 03/01/21 00:00	Received: 03/02/21 10:55	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/10/21 14:00	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/10/21 14:00	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/10/21 14:00	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/10/21 14:00	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/10/21 14:00	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 14:00	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 14:00	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/10/21 14:00	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/10/21 14:00	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/10/21 14:00	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/10/21 14:00	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 14:00	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 14:00	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/10/21 14:00	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/10/21 14:00	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/10/21 14:00	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		03/10/21 14:00	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/10/21 14:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/10/21 14:00	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/10/21 14:00	67-64-1	IC
Benzene	<1.0	ug/L	1.0	1		03/10/21 14:00	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/10/21 14:00	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/10/21 14:00	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/10/21 14:00	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/10/21 14:00	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/10/21 14:00	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/10/21 14:00	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/10/21 14:00	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		03/10/21 14:00	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		03/10/21 14:00	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/10/21 14:00	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		03/10/21 14:00	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/10/21 14:00	75-71-8	v3
Ethylbenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/10/21 14:00	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/10/21 14:00	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/10/21 14:00	1634-04-4	

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ANALYTICAL RESULTS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Sample: TRIP BLANK	Lab ID: 70164195003	Collected: 03/01/21 00:00	Received: 03/02/21 10:55	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Methylene Chloride	<1.0	ug/L	1.0	1		03/10/21 14:00	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		03/10/21 14:00	91-20-3	
Styrene	<1.0	ug/L	1.0	1		03/10/21 14:00	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		03/10/21 14:00	127-18-4	
Toluene	<1.0	ug/L	1.0	1		03/10/21 14:00	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		03/10/21 14:00	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/10/21 14:00	75-69-4	v3
Vinyl acetate	<1.0	ug/L	1.0	1		03/10/21 14:00	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		03/10/21 14:00	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/10/21 14:00	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 14:00	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 14:00	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		03/10/21 14:00	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	104-51-8	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		03/10/21 14:00	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/10/21 14:00	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/10/21 14:00	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/10/21 14:00	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/10/21 14:00	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-123	1		03/10/21 14:00	17060-07-0	
4-Bromofluorobenzene (S)	95	%	66-119	1		03/10/21 14:00	460-00-4	
Toluene-d8 (S)	95	%	82-121	1		03/10/21 14:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: VALIS GATE MANUFACTURING 3/1
Pace Project No.: 70164195

QC Batch: 199617 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70164195001, 70164195002, 70164195003

METHOD BLANK: 981848 Matrix: Water
Associated Lab Samples: 70164195001, 70164195002, 70164195003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/10/21 10:56	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/10/21 10:56	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/10/21 10:56	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/10/21 10:56	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/10/21 10:56	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/10/21 10:56	
1,1-Dichloropropene	ug/L	<1.0	1.0	03/10/21 10:56	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/10/21 10:56	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/10/21 10:56	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	03/10/21 10:56	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/10/21 10:56	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	03/10/21 10:56	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/10/21 10:56	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	03/10/21 10:56	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/10/21 10:56	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/10/21 10:56	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/10/21 10:56	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/10/21 10:56	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/10/21 10:56	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	03/10/21 10:56	
2,2-Dichloropropane	ug/L	<1.0	1.0	03/10/21 10:56	v3
2-Butanone (MEK)	ug/L	<5.0	5.0	03/10/21 10:56	IL,v3
2-Chlorotoluene	ug/L	<1.0	1.0	03/10/21 10:56	
2-Hexanone	ug/L	<5.0	5.0	03/10/21 10:56	
4-Chlorotoluene	ug/L	<1.0	1.0	03/10/21 10:56	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/10/21 10:56	
Acetone	ug/L	<5.0	5.0	03/10/21 10:56	IC
Benzene	ug/L	<1.0	1.0	03/10/21 10:56	
Bromobenzene	ug/L	<1.0	1.0	03/10/21 10:56	
Bromochloromethane	ug/L	<1.0	1.0	03/10/21 10:56	
Bromodichloromethane	ug/L	<1.0	1.0	03/10/21 10:56	
Bromoform	ug/L	<1.0	1.0	03/10/21 10:56	
Bromomethane	ug/L	<1.0	1.0	03/10/21 10:56	
Carbon disulfide	ug/L	<1.0	1.0	03/10/21 10:56	
Carbon tetrachloride	ug/L	<1.0	1.0	03/10/21 10:56	
Chlorobenzene	ug/L	<1.0	1.0	03/10/21 10:56	
Chloroethane	ug/L	<1.0	1.0	03/10/21 10:56	
Chloroform	ug/L	<1.0	1.0	03/10/21 10:56	
Chloromethane	ug/L	<1.0	1.0	03/10/21 10:56	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/10/21 10:56	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

METHOD BLANK: 981848

Matrix: Water

Associated Lab Samples: 70164195001, 70164195002, 70164195003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/10/21 10:56	
Dibromochloromethane	ug/L	<1.0	1.0	03/10/21 10:56	
Dibromomethane	ug/L	<1.0	1.0	03/10/21 10:56	
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/10/21 10:56	v3
Ethylbenzene	ug/L	<1.0	1.0	03/10/21 10:56	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/10/21 10:56	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/10/21 10:56	
m&p-Xylene	ug/L	<2.0	2.0	03/10/21 10:56	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	03/10/21 10:56	
Methylene Chloride	ug/L	<1.0	1.0	03/10/21 10:56	
n-Butylbenzene	ug/L	<1.0	1.0	03/10/21 10:56	
n-Propylbenzene	ug/L	<1.0	1.0	03/10/21 10:56	
Naphthalene	ug/L	<1.0	1.0	03/10/21 10:56	
o-Xylene	ug/L	<1.0	1.0	03/10/21 10:56	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/10/21 10:56	
sec-Butylbenzene	ug/L	<1.0	1.0	03/10/21 10:56	
Styrene	ug/L	<1.0	1.0	03/10/21 10:56	
tert-Butylbenzene	ug/L	<1.0	1.0	03/10/21 10:56	
Tetrachloroethene	ug/L	<1.0	1.0	03/10/21 10:56	
Toluene	ug/L	<1.0	1.0	03/10/21 10:56	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/10/21 10:56	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/10/21 10:56	
Trichloroethene	ug/L	<1.0	1.0	03/10/21 10:56	
Trichlorofluoromethane	ug/L	<1.0	1.0	03/10/21 10:56	v3
Vinyl acetate	ug/L	<1.0	1.0	03/10/21 10:56	
Vinyl chloride	ug/L	<1.0	1.0	03/10/21 10:56	
Xylene (Total)	ug/L	<3.0	3.0	03/10/21 10:56	
1,2-Dichloroethane-d4 (S)	%	98	70-123	03/10/21 10:56	
4-Bromofluorobenzene (S)	%	97	66-119	03/10/21 10:56	
Toluene-d8 (S)	%	96	82-121	03/10/21 10:56	

LABORATORY CONTROL SAMPLE: 981849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.6	93	66-133	
1,1,1-Trichloroethane	ug/L	50	41.4	83	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	75-122	
1,1,2-Trichloroethane	ug/L	50	51.1	102	80-122	
1,1-Dichloroethane	ug/L	50	48.4	97	68-127	
1,1-Dichloroethene	ug/L	50	37.7	75	65-123	
1,1-Dichloropropene	ug/L	50	49.0	98	74-115	
1,2,3-Trichlorobenzene	ug/L	50	48.2	96	53-123	
1,2,3-Trichloropropane	ug/L	50	49.3	99	63-123	
1,2,4-Trichlorobenzene	ug/L	50	48.9	98	60-124	

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QUALITY CONTROL DATA

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

LABORATORY CONTROL SAMPLE: 981849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	46.6	93	72-117	
1,2-Dibromo-3-chloropropane	ug/L	50	44.7	89	52-126	
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	74-125	
1,2-Dichlorobenzene	ug/L	50	48.9	98	76-117	
1,2-Dichloroethane	ug/L	50	46.8	94	73-128	
1,2-Dichloropropane	ug/L	50	53.3	107	79-117	
1,3,5-Trimethylbenzene	ug/L	50	46.3	93	69-117	
1,3-Dichlorobenzene	ug/L	50	50.2	100	73-120	
1,3-Dichloropropane	ug/L	50	51.4	103	76-125	
1,4-Dichlorobenzene	ug/L	50	48.5	97	73-119	
2,2-Dichloropropane	ug/L	50	29.2	58	46-134 v3	
2-Butanone (MEK)	ug/L	50	32.7	65	28-169 IL,v3	
2-Chlorotoluene	ug/L	50	46.1	92	67-121	
2-Hexanone	ug/L	50	54.3	109	59-138	
4-Chlorotoluene	ug/L	50	46.3	93	68-121	
4-Methyl-2-pentanone (MIBK)	ug/L	50	59.7	119	70-129 v1	
Acetone	ug/L	50	61.7	123	10-225 IC,v1	
Benzene	ug/L	50	49.9	100	73-121	
Bromobenzene	ug/L	50	48.9	98	70-120	
Bromochloromethane	ug/L	50	46.6	93	75-130	
Bromodichloromethane	ug/L	50	48.8	98	74-127	
Bromoform	ug/L	50	57.8	116	55-128	
Bromomethane	ug/L	50	75.7	151	12-176 IH,v1	
Carbon disulfide	ug/L	50	40.0	80	57-129	
Carbon tetrachloride	ug/L	50	47.7	95	64-122	
Chlorobenzene	ug/L	50	48.1	96	76-117	
Chloroethane	ug/L	50	41.2	82	60-129	
Chloroform	ug/L	50	46.1	92	74-129	
Chloromethane	ug/L	50	42.8	86	43-126	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	72-127	
cis-1,3-Dichloropropene	ug/L	50	46.4	93	65-134	
Dibromochloromethane	ug/L	50	51.1	102	71-130	
Dibromomethane	ug/L	50	49.1	98	76-119	
Dichlorodifluoromethane	ug/L	50	15.7	31	14-130 v3	
Ethylbenzene	ug/L	50	46.8	94	70-120	
Hexachloro-1,3-butadiene	ug/L	50	54.8	110	45-136 v1	
Isopropylbenzene (Cumene)	ug/L	50	45.6	91	70-116	
m&p-Xylene	ug/L	100	94.3	94	73-120	
Methyl-tert-butyl ether	ug/L	50	44.6	89	73-124	
Methylene Chloride	ug/L	50	45.9	92	69-126	
n-Butylbenzene	ug/L	50	45.5	91	66-126	
n-Propylbenzene	ug/L	50	46.4	93	69-119	
Naphthalene	ug/L	50	46.0	92	55-129	
o-Xylene	ug/L	50	47.2	94	74-119	
p-Isopropyltoluene	ug/L	50	44.9	90	70-121	
sec-Butylbenzene	ug/L	50	45.3	91	68-120	
Styrene	ug/L	50	48.1	96	80-121	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: VALIS GATE MANUFACTURING 3/1
Pace Project No.: 70164195

LABORATORY CONTROL SAMPLE: 981849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	45.1	90	72-115	
Tetrachloroethene	ug/L	50	48.7	97	65-120	
Toluene	ug/L	50	49.5	99	77-120	
trans-1,2-Dichloroethene	ug/L	50	43.5	87	71-125	
trans-1,3-Dichloropropene	ug/L	50	42.4	85	54-139	
Trichloroethene	ug/L	50	46.9	94	73-116	
Trichlorofluoromethane	ug/L	50	35.7	71	59-134 v3	
Vinyl acetate	ug/L	50	40.0	80	56-134	
Vinyl chloride	ug/L	50	48.8	98	50-130 IH	
Xylene (Total)	ug/L	150	141	94	73-120	
1,2-Dichloroethane-d4 (S)	%			96	70-123	
4-Bromofluorobenzene (S)	%			95	66-119	
Toluene-d8 (S)	%			95	82-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 982105 982106

Parameter	70164195002		MS	MSD	MS		MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	50	45.0	48.2	90	96	60-127	7	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	43.3	46.2	87	92	60-127	7	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	48.0	51.3	96	103	74-118	7	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	48.9	53.9	98	108	80-120	10	
1,1-Dichloroethane	ug/L	6.1	50	50	54.8	59.6	97	107	69-131	8	
1,1-Dichloroethene	ug/L	1.4	50	50	39.9	43.4	77	84	70-129	8	
1,1-Dichloropropene	ug/L	<1.0	50	50	50.9	53.8	102	108	78-118	6	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	41.3	44.2	83	88	48-128	7	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	45.1	49.4	90	99	60-120	9	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	41.6	44.0	83	88	54-129	5	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	41.7	43.4	83	87	66-122	4	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	43.4	44.7	87	89	42-123	3	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	46.8	50.0	94	100	67-128	7	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	44.9	46.3	90	93	73-117	3	
1,2-Dichloroethane	ug/L	<1.0	50	50	45.5	49.3	91	99	70-129	8	
1,2-Dichloropropane	ug/L	<1.0	50	50	51.9	56.1	104	112	77-118	8	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	41.9	43.3	84	87	67-119	3	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	45.0	46.3	90	93	72-121	3	
1,3-Dichloropropane	ug/L	<1.0	50	50	49.5	53.7	99	107	75-117	8	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	44.3	46.3	89	93	70-120	4	
2,2-Dichloropropane	ug/L	<1.0	50	50	30.2	33.5	60	67	38-132	11 v3	
2-Butanone (MEK)	ug/L	<5.0	50	50	32.5	36.3	65	73	15-159	11 IL,v3	
2-Chlorotoluene	ug/L	<1.0	50	50	43.3	45.2	87	90	68-117	4	
2-Hexanone	ug/L	<5.0	50	50	53.6	58.1	107	116	60-127	8	
4-Chlorotoluene	ug/L	<1.0	50	50	43.0	44.5	86	89	66-121	3	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	57.9	65.2	116	130	66-129	12 M1,v1	
Acetone	ug/L	<5.0	50	50	69.3	66.3	132	126	10-189	4 IC,v1	

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QUALITY CONTROL DATA

Project: VALIS GATE MANUFACTURING 3/1
Pace Project No.: 70164195

Parameter	70164195002		MS		MSD		MS		MSD		% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Benzene	ug/L	<1.0	50	50	50.7	54.5	101	109	74-126	7				
Bromobenzene	ug/L	<1.0	50	50	46.0	47.7	92	95	66-122	4				
Bromochloromethane	ug/L	<1.0	50	50	45.0	47.5	90	95	69-132	5				
Bromodichloromethane	ug/L	<1.0	50	50	47.9	51.5	96	103	71-125	7				
Bromoform	ug/L	<1.0	50	50	53.2	59.2	106	118	40-128	11				
Bromomethane	ug/L	<1.0	50	50	69.2	73.7	138	147	10-179	6 IH,v1				
Carbon disulfide	ug/L	<1.0	50	50	40.5	44.4	81	89	60-131	9				
Carbon tetrachloride	ug/L	<1.0	50	50	43.7	52.3	87	105	64-125	18				
Chlorobenzene	ug/L	<1.0	50	50	47.0	50.1	94	100	72-121	6				
Chloroethane	ug/L	3.8	50	50	45.5	49.6	83	92	54-137	9				
Chloroform	ug/L	<1.0	50	50	46.1	50.7	92	101	73-128	9				
Chloromethane	ug/L	<1.0	50	50	37.6	41.6	75	83	45-123	10				
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	46.7	51.6	93	103	72-129	10				
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	44.8	48.7	90	97	57-130	8				
Dibromochloromethane	ug/L	<1.0	50	50	48.2	52.5	96	105	59-132	9				
Dibromomethane	ug/L	<1.0	50	50	47.5	51.2	95	102	69-122	7				
Dichlorodifluoromethane	ug/L	<1.0	50	50	11.8	12.9	24	26	10-131	9 v3				
Ethylbenzene	ug/L	<1.0	50	50	46.0	48.7	92	97	67-126	6				
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	42.3	47.8	85	96	30-144	12 v1				
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	42.8	44.6	86	89	66-120	4				
m&p-Xylene	ug/L	<2.0	100	100	92.2	96.5	92	97	68-127	5				
Methyl-tert-butyl ether	ug/L	<1.0	50	50	41.9	46.7	84	93	60-127	11				
Methylene Chloride	ug/L	<1.0	50	50	45.5	50.4	91	101	65-129	10				
n-Butylbenzene	ug/L	<1.0	50	50	38.3	40.6	77	81	65-129	6				
n-Propylbenzene	ug/L	<1.0	50	50	42.4	44.4	85	89	62-127	5				
Naphthalene	ug/L	<1.0	50	50	41.4	44.7	83	89	56-129	8				
o-Xylene	ug/L	<1.0	50	50	45.0	47.7	90	95	66-129	6				
p-Isopropyltoluene	ug/L	<1.0	50	50	38.8	40.6	78	81	66-125	5				
sec-Butylbenzene	ug/L	<1.0	50	50	39.6	41.5	79	83	66-127	5				
Styrene	ug/L	<1.0	50	50	46.0	48.5	92	97	74-121	5				
tert-Butylbenzene	ug/L	<1.0	50	50	41.0	42.9	82	86	68-121	5				
Tetrachloroethene	ug/L	<1.0	50	50	48.2	50.3	96	101	59-131	4				
Toluene	ug/L	<1.0	50	50	50.1	52.6	100	105	76-124	5				
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	45.5	51.0	91	102	74-129	11				
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	40.3	44.4	81	89	42-140	10				
Trichloroethene	ug/L	<1.0	50	50	49.0	50.6	98	101	78-119	3				
Trichlorofluoromethane	ug/L	<1.0	50	50	36.8	40.3	74	81	59-136	9 v3				
Vinyl acetate	ug/L	<1.0	50	50	40.4	44.2	81	88	47-113	9				
Vinyl chloride	ug/L	1.3	50	50	47.7	52.4	93	102	45-141	9 IH				
Xylene (Total)	ug/L	<3.0	150	150	137	144	91	96	69-125	5				
1,2-Dichloroethane-d4 (S)	%						97	95	70-123					
4-Bromofluorobenzene (S)	%						96	95	66-119					
Toluene-d8 (S)	%						95	95	82-121					

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 70164195001

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70164195002

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70164195003

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 982105

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 982106

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

ANALYTE QUALIFIERS

IC The initial calibration for this compound was outside of method control limits. The result is estimated.

IH This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.

IL This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

ANALYTE QUALIFIERS

v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: VALIS GATE MANUFACTURING 3/1

Pace Project No.: 70164195

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70164195001	MW-5A/AR				
70164195002	MW-14 MS/MSD				
70164195001	MW-5A/AR	EPA 8260C/5030C	199617		
70164195002	MW-14 MS/MSD	EPA 8260C/5030C	199617		
70164195003	TRIP BLANK	EPA 8260C/5030C	199617		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Log-Header: List Pace Workorder/Label Here or List Pace Workorder Number or MTJL Log-

WO#: 70164195



70164195

USE ONLY

CONTAINER PRESERVATIVE TYPE: LS1

3

Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

Billing Information:

Company: Leader Professional Services

Address: 2813 Wehrle Drive, Suite 1 Williamsville, NY 14221

Report To: Brian Demme bdemme@leadercs.com

Copy To: _____

Site Collection Info/Address: _____

State NY County/City _____ Time Zone Collected EST

Customer Project Name/Number: Vails Gate Manufacturing

Phone: 716-565-0963

Fax: _____

Collected by (print): Matt Broker (PACE)

Quote #: _____

Turnaround Date Required: _____ 2 Week _____

RUSH: _____

Sample Disposal: [] Dispose as appropriate [] Return [] Archive [] Hold

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix*	Comp/Grab	Collected (or Composite Start)	Composite End	Res Cl	# of Chgs	Field-pH, Temp, Eh, Spec, Conduct, Turbidity, DO
MW-5A/AR	GW	G	3/1/12 1130			3	X
MW-14 MS/MSD	GW	G	3/1/12 1145			9	X
Trip Blank	W	G				2	X

Customer Remarks/ Special Conditions/ Possible Hazards: NYSDEC DER-10 EQUIS EDD, Category ASP B

Types of Ice Used: Wet Blue Dry None

LAB Tracking #: 9019 9901 4351

Short Holds Present (< 72 hours): Y N/A

Packing Material Used: _____

Redchem sample(s) screened: _____

Received by/Company: (Signature) _____ Date/Time: 3/1/2012 1600

Received by/Company: (Signature) _____ Date/Time: 3/2/12 10:55

Received by/Company: (Signature) _____ Date/Time: _____

Received by/Company: (Signature) _____ Date/Time: _____

Received by/Company: (Signature) _____ Date/Time: _____

LAB Profile/Line: _____

LAB Sample Receipt Checklist:

Custody Seals Present/Intact: Y N NA

Custody Signatures Present: Y N NA

Collector Signatures Present: Y N NA

Bottles Intact: Y N NA

Correct Bottles: Y N NA

Sufficient Volume: Y N NA

Samples received on ice: Y N NA

VOA - Headspace Acceptable: Y N NA

USDA Regulated Soils: Y N NA

Samples in holding time: Y N NA

Residual Chlorine Present: Y N NA

Cl Strips: _____

Sample pH Acceptable: Y N NA

pH Strips: _____

Sulfide Present: Y N NA

Lead Acetate Strips: _____

LAB USE ONLY: ↓

Lab Sample # / Comments: _____

Customer Sample ID	Matrix*	Comp/Grab	Collected (or Composite Start)	Composite End	Res Cl	# of Chgs	Field-pH, Temp, Eh, Spec, Conduct, Turbidity, DO
MW-5A/AR	GW	G	3/1/12 1130			3	X
MW-14 MS/MSD	GW	G	3/1/12 1145			9	X
Trip Blank	W	G				2	X

LAB Sample Temperature Info:

Temp Blank received: Y NA

Therm ID #: 27091

Cooler 1 Temp Upon Receipt: 4.6 °C

Cooler 1 Therm Corr. Factor: -0.2 °C

Cooler 1 Corrected Temp: 4.4 °C

Comments: _____

Trip Blank Received: N N/A

HCL MeOH TSP Other _____

Non-Conformance(s) YES / NO _____

Page _____ of _____

PACE Analytical Services, Inc. Ground water Field Log

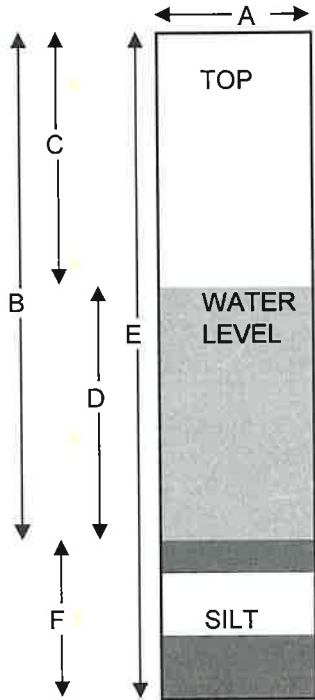
WO#: 70164195

Client: Leader Consulting
 Project: Vails Gate Manufacturing
 Well ID.: MW-14 MS/MSD

PM: LS1 Due Date: 03/16/21
 CLIENT: LPS

PA

Condition of Well: Good Locked: Yes
 Method of Evacuation: Bailer Lock ID: Flush
 Method of Sampling: Bailer



A.	Diameter of Well	<u>2.00</u>	inches
B.	Well Depth Measured	<u>13.00</u>	feet
C.	Depth to Water	<u>4.07</u>	feet
D.	Length of Water Column (calculated)	<u>8.93</u>	feet
	Conversion Factor	<u>0.16</u>	-----
	Well Volume (calculated)	<u>1.43</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>4.29</u>	gallons
	Actual Volume Evacuated	<u>Dry @ 2.0</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling	
Date	<u>3/1/21</u>	<u>3/1/21</u>	
Time	<u>10:45</u>	<u>11:45</u>	
EH	<u>-14</u>	<u>-21</u>	mV
Temperature	<u>10.5</u>	<u>10.7</u>	C
pH	<u>6.47</u>	<u>6.83</u>	SU
Specific Cond.	<u>1940</u>	<u>1738</u>	uS
Turbidity	<u>168</u>	<u>60.6</u>	NTU
Dissolved Oxygen Appearance	<u>2.11</u> <u>cloudy</u>	<u>8.19</u> <u>cloudy</u>	

% Recharge:	
Initial Depth to Water	<u>4.07</u> feet
Recharge Depth to Water	<u>6.97</u> feet
2nd water column height	<u> </u> %
1st water column height	<u> </u> %
Elevation(Top of Casing)	<u>N/A</u> feet
G.W. Elevation=	<u>N/A</u> feet
G.W.Elevation =Top of Case Elev-Total Depth	

Weather: 6C rain
 Observations: Well between pillar 2 and 3 Oil in well
Well located in Unit 4-5
Oil all over bailer. Changed bailers before sampling

Sampler: Matt Broker
 Signature: *Matt Broker*

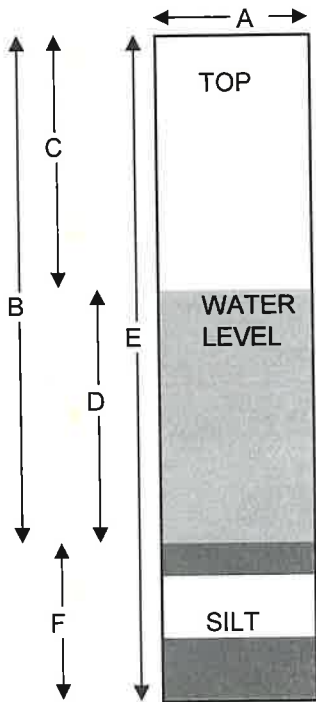
PACE Analytical Services, Inc. Ground water Field Log

WO#: 70164195

Client: Leader Consulting
 Project: Vails Gate Manufacturing
 Well ID.: MW-5A/AR

PM: LS1 Due Date: 03/16/21
 CLIENT: LPS

Condition of Well: Good Locked: Yes
 Method of Evacuation: Peristaltic Pump Lock ID: Flush
 Method of Sampling: Peristaltic Pump



A.	Diameter of Well	<u>2.00</u>	inches
B.	Well Depth Measured	<u>6.50</u>	feet
C.	Depth to Water	<u>0.00</u>	feet
D.	Length of Water Column (calculated)	<u>6.50</u>	feet
	Conversion Factor	<u>0.16</u>	-----
	Well Volume (calculated)	<u>1.04</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>3.12</u>	gallons
	Actual Volume Evacuated	<u>5.00</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling	
Date	<u>3/1/21</u>	<u>3/1/21</u>	
Time	<u>11:10</u>	<u>11:30</u>	
EH	<u>209</u>	<u>188</u>	mV
Temperature	<u>5.8</u>	<u>5.7</u>	C
pH	<u>7.3</u>	<u>7.02</u>	SU
Specific Cond.	<u>2134</u>	<u>4388</u>	uS
Turbidity	<u>157</u>	<u>83.8</u>	NTU
Dissolved Oxygen	<u>3.48</u>	<u>3.36</u>	
Appearance	<u>cloudy</u>	<u>cloudy</u>	

% Recharge:	
Initial Depth to Water	<u>0</u> feet
Recharge Depth to Water	<u>1.52</u> feet
2nd water column height	<u> </u> %
1st water column height	<u> </u> %

Elevation(Top of Casing)	<u>N/A</u> feet
G.W. Elevation=	<u>N/A</u> feet
G.W.Elevation =Top of Case Elev-Total Depth	

Weather: 6C rain
 Observations: cloudy....puddle above well casing

Sampler:
 Signature: Matt Broker

PACE ANALYICAL INC.
FIELD CALIBRATION SHEET

DATE: 3/1/21 SITE: Vails Gate Manufacturing
 TECHNICIAN: Matt Broker WEATHER: 5C rain

INSTRUMENT:
 PH Myron Ultrameter II 6PFCe
 CONDUCTIVITY Myron Ultrameter II 6PFCe
 TEMPERATURE Myron Ultrameter II 6PFCe
 DISSOLVED OXYGEN Sper Scientific 850041
 TURBIDITY Hanna HI 98703

INSTRUMENT ANALYTE	STANDARD	INITIAL READING	ADJUSTED READING	TIME	NOTES
Ph	4.00	4.10	4.00	812	
	7.00	7.14	7.00	810	
	10.00	10.12	10.00	814	
Conductivity	1413	1420	1413	815	
Turbidity	<0.10	0.11	<0.10	816	
	15	15.5	15	817	
	100	104	100	818	
	750	751	750	819	

NOTES:

MSV - FORM II VOA-1
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Pace Analytical - New York SDG No.: 70164195 Contract: VALIS GATE

Instrument ID: 70MSV8

LAB SAMPLE ID	SAMPLE NAME	12D4	BFB	TOL8
981848	981848BLANK	98	97	96
981849	981849LCS	96	95	95
982105	982105MS	97	96	95
982106	982106MSD	95	95	95
70164195001	MW-5A/AR	98	96	96
70164195002	MW-14 MS/MSD	96	97	95
70164195003	TRIP BLANK	96	95	95

QC LIMITS

(70-123)

(66-119)

(82-121)

(12D4) = 1,2-Dichloroethane-d4 (S)

(BFB) = 4-Bromofluorobenzene (S)

(TOL8) = Toluene-d8 (S)

* Values outside of QC Limits

MSV - FORM III VOA-1
WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - New York
 Date Extracted: 03/10/2021
 Instrument: 70MSV8
 Lab File ID: 031021.B\P29424A.D

Lab Sample ID: 981849LCS
 Date Analyzed (1): 03/10/2021
 LCS Lot No: 106905
 SDG No.: 70164195

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Acetone	50.0	61.7	123	10-225
Benzene	50.0	49.9	100	73-121
Bromobenzene	50.0	48.9	98	70-120
Bromochloromethane	50.0	46.6	93	75-130
Bromodichloromethane	50.0	48.8	98	74-127
Bromoform	50.0	57.8	116	55-128
Bromomethane	50.0	75.7	151	12-176
2-Butanone (MEK)	50.0	32.7	65	28-169
n-Butylbenzene	50.0	45.5	91	66-126
sec-Butylbenzene	50.0	45.3	91	68-120
tert-Butylbenzene	50.0	45.1	90	72-115
Carbon disulfide	50.0	40.0	80	57-129
Carbon tetrachloride	50.0	47.7	95	64-122
Chlorobenzene	50.0	48.1	96	76-117
Chloroethane	50.0	41.2	82	60-129
Chloroform	50.0	46.1	92	74-129
Chloromethane	50.0	42.8	86	43-126
2-Chlorotoluene	50.0	46.1	92	67-121
4-Chlorotoluene	50.0	46.3	93	68-121
1,2-Dibromo-3-chloropropane	50.0	44.7	89	52-126
Dibromochloromethane	50.0	51.1	102	71-130
1,2-Dibromoethane (EDB)	50.0	48.8	98	74-125
Dibromomethane	50.0	49.1	98	76-119
1,2-Dichlorobenzene	50.0	48.9	98	76-117
1,3-Dichlorobenzene	50.0	50.2	100	73-120
1,4-Dichlorobenzene	50.0	48.5	97	73-119
Dichlorodifluoromethane	50.0	15.7	31	14-130
1,1-Dichloroethane	50.0	48.4	97	68-127
1,2-Dichloroethane	50.0	46.8	94	73-128
1,1-Dichloroethene	50.0	37.7	75	65-123
cis-1,2-Dichloroethene	50.0	46.5	93	72-127
trans-1,2-Dichloroethene	50.0	43.5	87	71-125
1,2-Dichloropropane	50.0	53.3	107	79-117
1,3-Dichloropropane	50.0	51.4	103	76-125
2,2-Dichloropropane	50.0	29.2	58	46-134
1,1-Dichloropropene	50.0	49.0	98	74-115
cis-1,3-Dichloropropene	50.0	46.4	93	65-134
trans-1,3-Dichloropropene	50.0	42.4	85	54-139
Ethylbenzene	50.0	46.8	94	70-120
Hexachloro-1,3-butadiene	50.0	54.8	110	45-136
2-Hexanone	50.0	54.3	109	59-138
Isopropylbenzene (Cumene)	50.0	45.6	91	70-116
p-Isopropyltoluene	50.0	44.9	90	70-121
Methylene Chloride	50.0	45.9	92	69-126
4-Methyl-2-pentanone (MIBK)	50.0	59.7	119	70-129
Methyl-tert-butyl ether	50.0	44.6	89	73-124
Naphthalene	50.0	46.0	92	55-129

MSV - FORM III VOA-2
WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - New York
 Date Extracted: 03/10/2021
 Instrument: 70MSV8
 Lab File ID: 031021.B\P29424A.D

Lab Sample ID: 981849LCS
 Date Analyzed (1): 03/10/2021
 LCS Lot No: 106905
 SDG No.: 70164195

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
n-Propylbenzene	50.0	46.4	93	69-119
Styrene	50.0	48.1	96	80-121
1,1,1,2-Tetrachloroethane	50.0	46.6	93	66-133
1,1,2,2-Tetrachloroethane	50.0	51.9	104	75-122
Tetrachloroethene	50.0	48.7	97	65-120
Toluene	50.0	49.5	99	77-120
1,2,3-Trichlorobenzene	50.0	48.2	96	53-123
1,2,4-Trichlorobenzene	50.0	48.9	98	60-124
1,1,1-Trichloroethane	50.0	41.4	83	62-121
1,1,2-Trichloroethane	50.0	51.1	102	80-122
Trichloroethene	50.0	46.9	94	73-116
Trichlorofluoromethane	50.0	35.7	71	59-134
1,2,3-Trichloropropane	50.0	49.3	99	63-123
1,2,4-Trimethylbenzene	50.0	46.6	93	72-117
1,3,5-Trimethylbenzene	50.0	46.3	93	69-117
Vinyl acetate	50.0	40.0	80	56-134
Vinyl chloride	50.0	48.8	98	50-130
Xylene (Total)	150	141	94	73-120
m&p-Xylene	100	94.3	94	73-120
o-Xylene	50.0	47.2	94	74-119

Spike Recovery: 0 out of 67 outside limits.

MSV - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - New York
Date Extracted: 03/10/2021
Instrument: 70MSV8
Parent Sample ID: MW-14 MS/MSD

Matrix Spike - Sample No: 982105MS
Date Analyzed (1): 03/10/2021
Lab File ID: 031021.B\IP29444.D
SDG No.: 70164195

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	<1.0	45.0	90	60-127
1,1,1-Trichloroethane	50.0	<1.0	43.3	87	60-127
1,1,2,2-Tetrachloroethane	50.0	<1.0	48.0	96	74-118
1,1,2-Trichloroethane	50.0	<1.0	48.9	98	80-120
1,1-Dichloroethane	50.0	6.1	54.8	97	69-131
1,1-Dichloroethene	50.0	1.4	39.9	77	70-129
1,1-Dichloropropene	50.0	<1.0	50.9	102	78-118
1,2,3-Trichlorobenzene	50.0	<1.0	41.3	83	48-128
1,2,3-Trichloropropane	50.0	<1.0	45.1	90	60-120
1,2,4-Trichlorobenzene	50.0	<1.0	41.6	83	54-129
1,2,4-Trimethylbenzene	50.0	<1.0	41.7	83	66-122
1,2-Dibromo-3-chloropropane	50.0	<1.0	43.4	87	42-123
1,2-Dibromoethane (EDB)	50.0	<1.0	46.8	94	67-128
1,2-Dichlorobenzene	50.0	<1.0	44.9	90	73-117
1,2-Dichloroethane	50.0	<1.0	45.5	91	70-129
1,2-Dichloropropane	50.0	<1.0	51.9	104	77-118
1,3,5-Trimethylbenzene	50.0	<1.0	41.9	84	67-119
1,3-Dichlorobenzene	50.0	<1.0	45.0	90	72-121
1,3-Dichloropropane	50.0	<1.0	49.5	99	75-117
1,4-Dichlorobenzene	50.0	<1.0	44.3	89	70-120
2,2-Dichloropropane	50.0	<1.0	30.2	60	38-132
2-Butanone (MEK)	50.0	<5.0	32.5	65	15-159
2-Chlorotoluene	50.0	<1.0	43.3	87	68-117
2-Hexanone	50.0	<5.0	53.6	107	60-127
4-Chlorotoluene	50.0	<1.0	43.0	86	66-121
4-Methyl-2-pentanone (MIBK)	50.0	<5.0	57.9	116	66-129
Acetone	50.0	<5.0	69.3	132	10-189
Benzene	50.0	<1.0	50.7	101	74-126
Bromobenzene	50.0	<1.0	46.0	92	66-122
Bromochloromethane	50.0	<1.0	45.0	90	69-132
Bromodichloromethane	50.0	<1.0	47.9	96	71-125
Bromoform	50.0	<1.0	53.2	106	40-128
Bromomethane	50.0	<1.0	69.2	138	10-179
Carbon disulfide	50.0	<1.0	40.5	81	60-131
Carbon tetrachloride	50.0	<1.0	43.7	87	64-125
Chlorobenzene	50.0	<1.0	47.0	94	72-121
Chloroethane	50.0	3.8	45.5	83	54-137
Chloroform	50.0	<1.0	46.1	92	73-128
Chloromethane	50.0	<1.0	37.6	75	45-123
Dibromochloromethane	50.0	<1.0	48.2	96	59-132
Dibromomethane	50.0	<1.0	47.5	95	69-122
Dichlorodifluoromethane	50.0	<1.0	11.8	24	10-131
Ethylbenzene	50.0	<1.0	46.0	92	67-126
Hexachloro-1,3-butadiene	50.0	<1.0	42.3	85	30-144
Isopropylbenzene (Cumene)	50.0	<1.0	42.8	86	66-120
Methyl-tert-butyl ether	50.0	<1.0	41.9	84	60-127
Methylene Chloride	50.0	<1.0	45.5	91	65-129

MSV - FORM III VOA-2
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - New York

Matrix Spike - Sample No: 982105MS

Date Extracted: 03/10/2021

Date Analyzed (1): 03/10/2021

Instrument: 70MSV8

Lab File ID: 031021.B\29444.D

Parent Sample ID: MW-14 MS/MSD

SDG No.: 70164195

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
Naphthalene	50.0	<1.0	41.4	83	56-129
Styrene	50.0	<1.0	46.0	92	74-121
Tetrachloroethene	50.0	<1.0	48.2	96	59-131
Toluene	50.0	<1.0	50.1	100	76-124
Trichloroethene	50.0	<1.0	49.0	98	78-119
Trichlorofluoromethane	50.0	<1.0	36.8	74	59-136
Vinyl acetate	50.0	<1.0	40.4	81	47-113
Vinyl chloride	50.0	1.3	47.7	93	45-141
Xylene (Total)	150	<3.0	137	91	69-125
cis-1,2-Dichloroethene	50.0	<1.0	46.7	93	72-129
cis-1,3-Dichloropropene	50.0	<1.0	44.8	90	57-130
m&p-Xylene	100	<2.0	92.2	92	68-127
n-Butylbenzene	50.0	<1.0	38.3	77	65-129
n-Propylbenzene	50.0	<1.0	42.4	85	62-127
o-Xylene	50.0	<1.0	45.0	90	66-129
p-Isopropyltoluene	50.0	<1.0	38.8	78	66-125
sec-Butylbenzene	50.0	<1.0	39.6	79	66-127
tert-Butylbenzene	50.0	<1.0	41.0	82	68-121
trans-1,2-Dichloroethene	50.0	<1.0	45.5	91	74-129
trans-1,3-Dichloropropene	50.0	<1.0	40.3	81	42-140

Spike Recovery: 0 out of 67 outside limits.

MSV - FORM III VOA-3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 70MSV8

Matrix Spike Duplicate - Sample No: 982106MSD

Lab File ID (2): 031021.BP29445.D

Date Analyzed (2): 03/10/2021

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	50.0	48.2	96	7	0-20	60-127
1,1,1-Trichloroethane	50.0	46.2	92	7	0-20	60-127
1,1,2,2-Tetrachloroethane	50.0	51.3	103	7	0-20	74-118
1,1,2-Trichloroethane	50.0	53.9	108	10	0-20	80-120
1,1-Dichloroethane	50.0	59.6	107	8	0-20	69-131
1,1-Dichloroethene	50.0	43.4	84	8	0-20	70-129
1,1-Dichloropropene	50.0	53.8	108	6	0-20	78-118
1,2,3-Trichlorobenzene	50.0	44.2	88	7	0-20	48-128
1,2,3-Trichloropropane	50.0	49.4	99	9	0-20	60-120
1,2,4-Trichlorobenzene	50.0	44.0	88	5	0-20	54-129
1,2,4-Trimethylbenzene	50.0	43.4	87	4	0-20	66-122
1,2-Dibromo-3-chloropropane	50.0	44.7	89	3	0-20	42-123
1,2-Dibromoethane (EDB)	50.0	50.0	100	7	0-20	67-128
1,2-Dichlorobenzene	50.0	46.3	93	3	0-20	73-117
1,2-Dichloroethane	50.0	49.3	99	8	0-20	70-129
1,2-Dichloropropane	50.0	56.1	112	8	0-20	77-118
1,3,5-Trimethylbenzene	50.0	43.3	87	3	0-20	67-119
1,3-Dichlorobenzene	50.0	46.3	93	3	0-20	72-121
1,3-Dichloropropane	50.0	53.7	107	8	0-20	75-117
1,4-Dichlorobenzene	50.0	46.3	93	4	0-20	70-120
2,2-Dichloropropane	50.0	33.5	67	11	0-20	38-132
2-Butanone (MEK)	50.0	36.3	73	11	0-20	15-159
2-Chlorotoluene	50.0	45.2	90	4	0-20	68-117
2-Hexanone	50.0	58.1	116	8	0-20	60-127
4-Chlorotoluene	50.0	44.5	89	3	0-20	66-121
4-Methyl-2-pentanone (MIBK)	50.0	65.2	130	12	0-20	66-129
Acetone	50.0	66.3	126	4	0-20	10-189
Benzene	50.0	54.5	109	7	0-20	74-126
Bromobenzene	50.0	47.7	95	4	0-20	66-122
Bromochloromethane	50.0	47.5	95	5	0-20	69-132
Bromodichloromethane	50.0	51.5	103	7	0-20	71-125
Bromoform	50.0	59.2	118	11	0-20	40-128
Bromomethane	50.0	73.7	147	6	0-20	10-179
Carbon disulfide	50.0	44.4	89	9	0-20	60-131
Carbon tetrachloride	50.0	52.3	105	18	0-20	64-125
Chlorobenzene	50.0	50.1	100	6	0-20	72-121
Chloroethane	50.0	49.6	92	9	0-20	54-137
Chloroform	50.0	50.7	101	9	0-20	73-128
Chloromethane	50.0	41.6	83	10	0-20	45-123
Dibromochloromethane	50.0	52.5	105	9	0-20	59-132
Dibromomethane	50.0	51.2	102	7	0-20	69-122
Dichlorodifluoromethane	50.0	12.9	26	9	0-20	10-131
Ethylbenzene	50.0	48.7	97	6	0-20	67-126
Hexachloro-1,3-butadiene	50.0	47.8	96	12	0-20	30-144
Isopropylbenzene (Cumene)	50.0	44.6	89	4	0-20	66-120
Methyl-tert-butyl ether	50.0	46.7	93	11	0-20	60-127
Methylene Chloride	50.0	50.4	101	10	0-20	65-129
Naphthalene	50.0	44.7	89	8	0-20	56-129
Styrene	50.0	48.5	97	5	0-20	74-121

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MSV - FORM III VOA-4
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 70MSV8 Matrix Spike Duplicate - Sample No: 982106MSD
 Lab File ID (2): 031021.BP29445.D Date Analyzed (2): 03/10/2021

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.
Tetrachloroethene	50.0	50.3	101	4	0-20	59-131
Toluene	50.0	52.6	105	5	0-20	76-124
Trichloroethene	50.0	50.6	101	3	0-20	78-119
Trichlorofluoromethane	50.0	40.3	81	9	0-20	59-136
Vinyl acetate	50.0	44.2	88	9	0-20	47-113
Vinyl chloride	50.0	52.4	102	9	0-20	45-141
Xylene (Total)	150	144	96	5	0-20	69-125
cis-1,2-Dichloroethene	50.0	51.6	103	10	0-20	72-129
cis-1,3-Dichloropropene	50.0	48.7	97	8	0-20	57-130
m&p-Xylene	100	96.5	97	5	0-20	68-127
n-Butylbenzene	50.0	40.6	81	6	0-20	65-129
n-Propylbenzene	50.0	44.4	89	5	0-20	62-127
o-Xylene	50.0	47.7	95	6	0-20	66-129
p-Isopropyltoluene	50.0	40.6	81	5	0-20	66-125
sec-Butylbenzene	50.0	41.5	83	5	0-20	66-127
tert-Butylbenzene	50.0	42.9	86	5	0-20	68-121
trans-1,2-Dichloroethene	50.0	51.0	102	11	0-20	74-129
trans-1,3-Dichloropropene	50.0	44.4	89	10	0-20	42-140

RPD: 0 out of 67 outside limits.

Spike Recovery: 1 out of 67 outside limits.

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MSV - FORM IV VOA-1
VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

981848BLANK

Lab Name: Pace Analytical - New York SDG No.: 70164195 Contract: VALIS GATE

Instrument ID: 70MSV8 Matrix: Water Lab Sample ID: 981848

Lab File ID: 031021.B\P29422A.D Date Analyzed: 03/10/2021 Time: 10:56

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	ANALYZED
981849LCS	981849	031021.B\P29424A.D	03/10/2021 11:44
TRIP BLANK	70164195003	031021.B\P29431.D	03/10/2021 14:00
MW-5A/AR	70164195001	031021.B\P29442.D	03/10/2021 17:44
MW-14 MS/MSD	70164195002	031021.B\P29443.D	03/10/2021 18:03
982105MS	982105	031021.B\P29444.D	03/10/2021 18:23
982106MSD	982106	031021.B\P29445.D	03/10/2021 18:42

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - New York SDG No.: 70164195 Contract: VALIS GATE
 Lab File ID: 070720.B\P24779.D BFB Injection Date: 07/07/2020
 Instrument ID: 70MSV8 BFB Injection Time: 16:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.00 - 40.00% of mass 95	18.29
75	30.00 - 60.00% of mass 95	50.86
95	Base Peak, 100.00% relative	100.00
96	5.00 - 9.00% of mass 95	6.42
173	Less than 2.00% of mass 174	0.66 (1.04) ¹
174	50.00 - 100.00% of mass 95	63.69
175	5.00 - 9.00% of mass 174	4.66 (7.32) ¹
176	95.00 - 101.00% of mass 174	60.83 (95.50) ¹
177	5.00 - 9.00% of mass 176	4.03 (6.62) ²

1 - Value is % mass 174

2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
13542498CAL1	13542498CAL1	070720.B\P24780.D	07/07/2020	16:50
13542500CAL2	13542500CAL2	070720.B\P24781.D	07/07/2020	17:13
13542495CAL3	13542495CAL3	070720.B\P24782.D	07/07/2020	17:36
13542499CAL4	13542499CAL4	070720.B\P24783.D	07/07/2020	17:59
13542501CAL5	13542501CAL5	070720.B\P24784.D	07/07/2020	18:22
13542497CAL6	13542497CAL6	070720.B\P24785.D	07/07/2020	18:45
13542496CAL7	13542496CAL7	070720.B\P24786.D	07/07/2020	19:08
13542502CAL8	13542502CAL8	070720.B\P24787.D	07/07/2020	19:31
13878808ICV	13878808ICV	070720.B\P24790.D	07/07/2020	20:40

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - New York SDG No.: 70164195 Contract: VALIS GATE
 Lab File ID: 031021.B\P29420.D BFB Injection Date 03/10/2021
 Instrument ID: 70MSV8 BFB Injection Time 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.00 - 40.00% of mass 95	18.69
75	30.00 - 60.00% of mass 95	49.54
95	Base Peak, 100.00% relative	100.00
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.68 (0.93) ¹
174	50.00 - 100.00% of mass 95	72.73
175	5.00 - 9.00% of mass 174	5.40 (7.42) ¹
176	95.00 - 101.00% of mass 174	70.55 (97.00) ¹
177	5.00 - 9.00% of mass 176	4.87 (6.90) ²

1 - Value is % mass 174

2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
14655762CCV	14655762CCV	031021.B\P29421.D	03/10/2021	10:06
981848BLANK	981848BLANK	031021.B\P29422A.D	03/10/2021	10:56
981849LCS	981849LCS	031021.B\P29424A.D	03/10/2021	11:44
TRIP BLANK	70164195003	031021.B\P29431.D	03/10/2021	14:00
MW-5A/AR	70164195001	031021.B\P29442.D	03/10/2021	17:44
MW-14 MS/MSD	70164195002	031021.B\P29443.D	03/10/2021	18:03
982105MS	982105MS	031021.B\P29444.D	03/10/2021	18:23
982106MSD	982106MSD	031021.B\P29445.D	03/10/2021	18:42

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - New York SDG No.: 70164195 Contract: VALIS GATE MANUFACTURING 3/1
 Sample ID : 14655762CCV Date Analyzed: 03/10/2021
 Instrument ID: 70MSV8 GC Column: Col 1 Time Analyzed: 10:06
 Lab File ID: 031021.B\P29421.D

		AREA CBZ	RT	AREA DCB	RT	AREA DFB	RT	AREA PFB	RT
12 HOUR STD		199291	7.433	175054	10.073	387869	4.312	235303	3.684
UPPER LIMIT		398582	7.933	350108	10.573	775738	4.812	470606	4.184
LOWER LIMIT		99645.5	6.933	87527	9.573	193934.5	3.812	117651.5	3.184
LAB SAMPLE ID	SAMPLE NO.								
981848	981848BLANK	188209	7.433	171247	10.073	369673	4.312	220850	3.69
981849	981849LCS	194591	7.433	172763	10.073	375895	4.312	227113	3.69
982105	982105MS	189344	7.433	168535	10.073	362430	4.312	218089	3.69
982106	982106MSD	191224	7.433	171555	10.073	368442	4.318	217391	3.69
70164195001	MW-5A/AR	185439	7.433	166691	10.073	356682	4.318	213257	3.69
70164195002	MW-14 MS/MSD	184024	7.433	165491	10.073	360548	4.312	213317	3.69
70164195003	TRIP BLANK	186917	7.433	163856	10.073	363844	4.312	215241	3.69

CBZ = Chlorobenzene-D5 (IS)
 DCB = 1,4-Dichlorobenzene-d4 (IS)
 DFB = 1,4-Difluorobenzene (IS)
 PFB = Pentafluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
 AREA LOWER LIMIT = 50% of Internal Standard Area
 RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
 RT LOWER LIMIT = -0.50 minutes of Internal Standard RT

* Values outside of QC Limits

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-5A/AR

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 17:44
Date Analyzed: 03/10/2021 17:44
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 70164195001
Lab File ID: 031021.B\P29442.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
71-43-2	Benzene	<1.0	U
108-86-1	Bromobenzene	<1.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
75-25-2	Bromoform	<1.0	U
74-83-9	Bromomethane	<1.0	U
78-93-3	2-Butanone (MEK)	<5.0	U
104-51-8	n-Butylbenzene	<1.0	U
135-98-8	sec-Butylbenzene	<1.0	U
98-06-6	tert-Butylbenzene	<1.0	U
75-15-0	Carbon disulfide	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
108-90-7	Chlorobenzene	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	<1.0	U
74-87-3	Chloromethane	<1.0	U
95-49-8	2-Chlorotoluene	<1.0	U
106-43-4	4-Chlorotoluene	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
106-93-4	1,2-Dibromoethane (EDB)	<1.0	U
74-95-3	Dibromomethane	<1.0	U
95-50-1	1,2-Dichlorobenzene	<1.0	U
541-73-1	1,3-Dichlorobenzene	<1.0	U
106-46-7	1,4-Dichlorobenzene	<1.0	U
75-71-8	Dichlorodifluoromethane	<1.0	U
75-34-3	1,1-Dichloroethane	1.2	
107-06-2	1,2-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
142-28-9	1,3-Dichloropropane	<1.0	U
594-20-7	2,2-Dichloropropane	<1.0	U
563-58-6	1,1-Dichloropropene	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U

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MSV - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-5A/AR

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 17:44
Date Analyzed: 03/10/2021 17:44
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 70164195001
Lab File ID: 031021.B\VP29442.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
100-41-4	Ethylbenzene	<1.0	U
87-68-3	Hexachloro-1,3-butadiene	<1.0	U
591-78-6	2-Hexanone	<5.0	U
98-82-8	Isopropylbenzene (Cumene)	<1.0	U
99-87-6	p-Isopropyltoluene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	U
1634-04-4	Methyl-tert-butyl ether	<1.0	U
91-20-3	Naphthalene	<1.0	U
103-65-1	n-Propylbenzene	<1.0	U
100-42-5	Styrene	<1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	<1.0	U
108-88-3	Toluene	<1.0	U
87-61-6	1,2,3-Trichlorobenzene	<1.0	U
120-82-1	1,2,4-Trichlorobenzene	<1.0	U
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
95-63-6	1,2,4-Trimethylbenzene	<1.0	U
108-67-8	1,3,5-Trimethylbenzene	<1.0	U
108-05-4	Vinyl acetate	<1.0	U
75-01-4	Vinyl chloride	<1.0	U
1330-20-7	Xylene (Total)	<3.0	U
179601-23-1	m&p-Xylene	<2.0	U
95-47-6	o-Xylene	<1.0	U

03/16/2021 9:50

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29442.D
 Lab Smp Id: 70164195001 Client Smp ID: MW-5A/AR
 Inj Date : 10-MAR-2021 17:44 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : 70164195001,
 Misc Info : 11195,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 23
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A
 Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	CONCENTRATIONS				REVIEW C		
			ON-COLUMN	FINAL					
	MASS		RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	
1 Chlorodifluoromethane	51					Compound Not Detected.			
2 Dichlorotetrafluoroethane	135					Compound Not Detected.			
3 Dichlorodifluoromethane	85					Compound Not Detected.			
4 Chloromethane	50					Compound Not Detected.			
5 Vinyl chloride	62					Compound Not Detected.			
6 1,3-Butadiene	54					Compound Not Detected.			
7 Acetaldehyde	44					Compound Not Detected.			
8 Bromomethane	94					Compound Not Detected.			
9 Chloroethane	64					Compound Not Detected.			(D)
10 Dichlorofluoromethane	67					Compound Not Detected.			
11 Trichlorofluoromethane	101					Compound Not Detected.			
12 Ethanol	45					Compound Not Detected.			
13 Diethyl ether (Ethyl ether)	59					Compound Not Detected.			
16 1,1,2-Trichlorotrifluoroethane	101					Compound Not Detected.			
14 Acrolein	56					Compound Not Detected.			
15 1,1-Dichloroethene	96					Compound Not Detected.			
17 Acetone	43					Compound Not Detected.			
18 Iodomethane	142					Compound Not Detected.			
19 2-Propanol	45					Compound Not Detected.			
20 Carbon disulfide	76					Compound Not Detected.			
21 Allyl chloride	76					Compound Not Detected.			
22 Acetonitrile	41					Compound Not Detected.			

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
23 Methyl acetate	43							
24 Methylene Chloride	84							
25 tert-Butyl Alcohol	59							
28 Methyl-tert-butyl ether	73							
27 trans-1,2-Dichloroethene	96							
26 Acrylonitrile	53							
30 n-Hexane	57							
29 Diisopropyl ether	45							
32 Vinyl acetate	43							
31 1,1-Dichloroethane	63	2.812	2.806	(0.762)	3632	1.23987	1.24	
33 Chloroprene	53							
34 Ethyl-tert-butyl ether	59							
36 2,2-Dichloropropane	77							
35 cis-1,2-Dichloroethene	96							
39 Ethyl acetate	61							
37 2-Butanone (MEK)	43							
41 Bromochloromethane	128							
42 Tetrahydrofuran	42							
43 Chloroform	83							
38 Propionitrile	54							
46 Cyclohexane	56							
45 1,1,1-Trichloroethane	97							
* 44 Pentafluorobenzene (IS)	168	3.689	3.683	(1.000)	213257	50.0000		
48 Carbon tetrachloride	117							(D)
47 1,1-Dichloropropene	75							(D)
55 2,2,4-Trimethylpentane	57							
51 Benzene	78							
40 Methacrylonitrile	67							
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.915)	132230	49.1214	49.1	
56 tert-Amylmethyl ether	73							
52 1,2-Dichloroethane	62							
57 n-Heptane	43							
* 58 1,4-Difluorobenzene (IS)	114	4.317	4.311	(1.000)	356682	50.0000		
59 Trichloroethene	95							
60 Methylcyclohexane	83							
49 Isobutanol	43							
53 tert-Amyl Alcohol	59							
54 tert-Amyl ethyl ether	59							
61 1,2-Dichloropropane	63							
63 Methyl methacrylate	69							
64 1,4-Dioxane (p-Dioxane)	88							(D)
62 Dibromomethane	93							
65 Bromodichloromethane	83							
66 2-Nitropropane	43							
67 2-Chloroethylvinyl ether	63							
68 cis-1,3-Dichloropropene	75							
69 4-Methyl-2-pentanone (MIBK)	43							(D)
\$ 70 Toluene-d8 (S)	98	5.732	5.726	(0.771)	440512	47.8237	47.8	
71 Toluene	91							
72 Methyl isothiocyanate	73							
74 trans-1,3-Dichloropropene	75							
75 Ethyl methacrylate	69							
76 1,1,2-Trichloroethane	83							
77 Tetrachloroethene	166							

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
78 1,3-Dichloropropane	76				Compound Not Detected.			
79 2-Hexanone	43				Compound Not Detected.			
73 n-Octane	43				Compound Not Detected.			(D)
81 n-Butyl acetate	43				Compound Not Detected.			
80 Dibromochloromethane	129				Compound Not Detected.			
82 1,2-Dibromoethane (EDB)	107				Compound Not Detected.			
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	185439	50.0000		
84 Chlorobenzene	112				Compound Not Detected.			
86 Ethylbenzene	106				Compound Not Detected.			
85 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.			
88 n-Nonane	43				Compound Not Detected.			
87 m&p-Xylene	106				Compound Not Detected.			
89 o-Xylene	106				Compound Not Detected.			
90 Styrene	104				Compound Not Detected.			
91 Bromoform	173				Compound Not Detected.			
92 Isopropylbenzene (Cumene)	105				Compound Not Detected.			
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	171486	47.9512	48.0	
94 Bromobenzene	156				Compound Not Detected.			
95 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.			
98 n-Propylbenzene	91				Compound Not Detected.			
96 1,2,3-Trichloropropane	110				Compound Not Detected.			
97 trans-1,4-Dichloro-2-butene	53				Compound Not Detected.			
103 n-Decane	43				Compound Not Detected.			
99 2-Chlorotoluene	91				Compound Not Detected.			
100 4-Ethyltoluene	105				Compound Not Detected.			
101 1,3,5-Trimethylbenzene	105				Compound Not Detected.			
102 4-Chlorotoluene	91				Compound Not Detected.			
104 tert-Butylbenzene	119				Compound Not Detected.			
105 Pentachloroethane	167				Compound Not Detected.			
106 1,2,4-Trimethylbenzene	105				Compound Not Detected.			
107 sec-Butylbenzene	105				Compound Not Detected.			
109 d-Limonene	136				Compound Not Detected.			
110 p-Isopropyltoluene	119				Compound Not Detected.			
108 1,3-Dichlorobenzene	146				Compound Not Detected.			
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	166691	50.0000		
112 1,4-Dichlorobenzene	146				Compound Not Detected.			
113 1,2,3-Trimethylbenzene	105				Compound Not Detected.			
114 Benzyl chloride	91				Compound Not Detected.			
115 trans-Decalin	138				Compound Not Detected.			
116 1,4-Diethylbenzene	119				Compound Not Detected.			
117 n-Butylbenzene	91				Compound Not Detected.			
119 n-Undecane	43				Compound Not Detected.			(D)
118 1,2-Dichlorobenzene	146				Compound Not Detected.			
120 cis-Decalin	138				Compound Not Detected.			
121 1,2,4,5-tetramethylbenzene	119				Compound Not Detected.			
122 1,2-Dibromo-3-chloropropane	75				Compound Not Detected.			
123 n-Dodecane	43				Compound Not Detected.			(D)
124 1,2,4-Trichlorobenzene	180				Compound Not Detected.			
125 Hexachloro-1,3-butadiene	225				Compound Not Detected.			
126 Naphthalene	128				Compound Not Detected.			
127 1,2,3-Trichlorobenzene	180				Compound Not Detected.			

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29442.D
Report Date: 11-Mar-2021 10:40

QC Flag Legend

D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29442.D
Report Date: 11-Mar-2021 10:40

Pace Analytical Services, Inc.

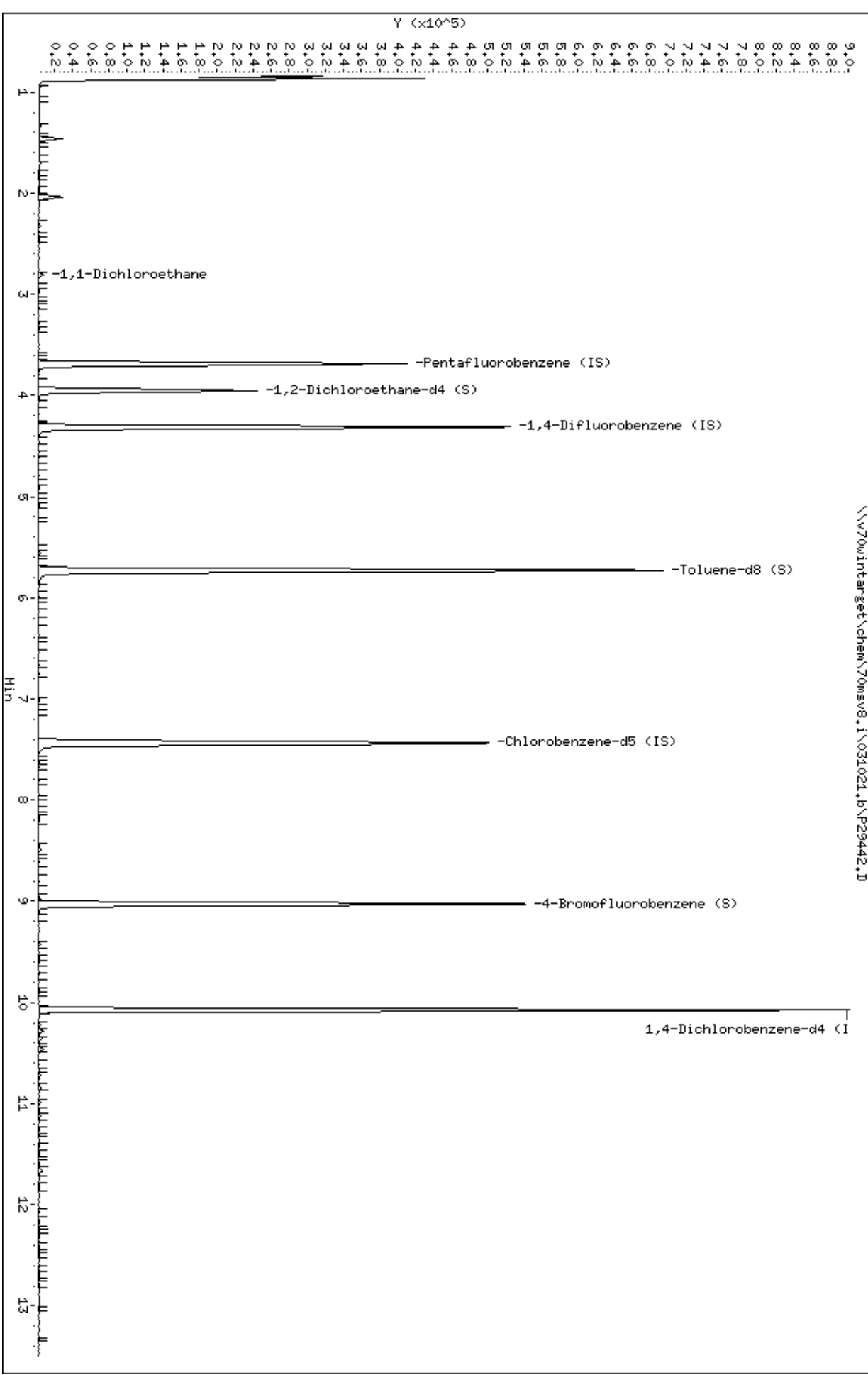
SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29442.D
Lab Smp Id: 70164195001 Client Smp ID: MW-5A/AR
Inj Date : 10-MAR-2021 17:44 MS Autotune Date: 07-JUL-2020 12:1
Operator : BBL Inst ID: 70msv8.i
Smp Info : 70164195001,
Misc Info : 11195,
Comment :
Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\v70wintarget\chem\70msv8.1\031021.b\p29442.D
 Date: 10-MAR-2021 17:44
 Client ID: HM-S9/AR
 Sample Info: 70164195001,
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: BBL
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29442.D

Date : 10-MAR-2021 17:44

Client ID: MW-5A/AR

Instrument: 70msv8.i

Sample Info: 70164195001,

Purge Volume: 5.0

Operator: BBL

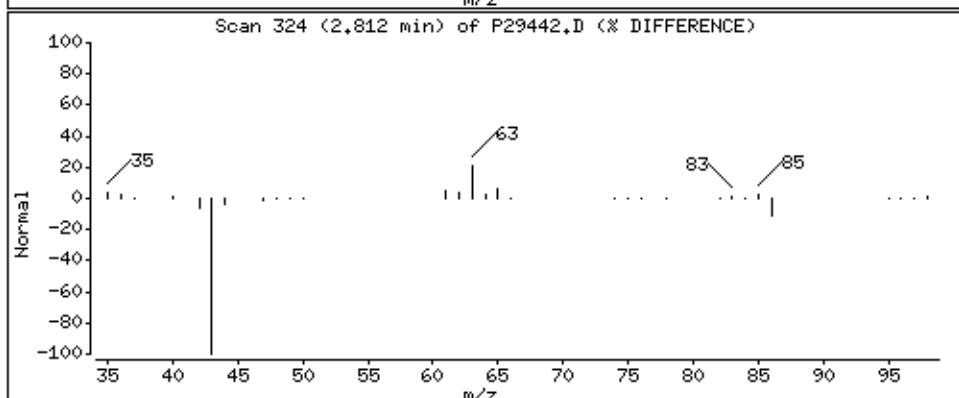
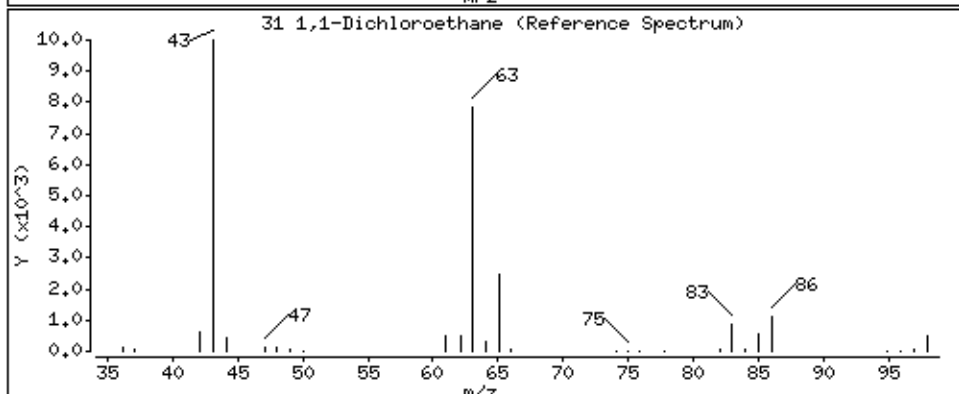
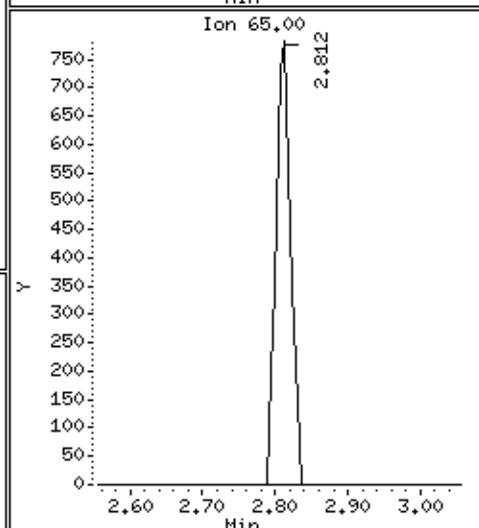
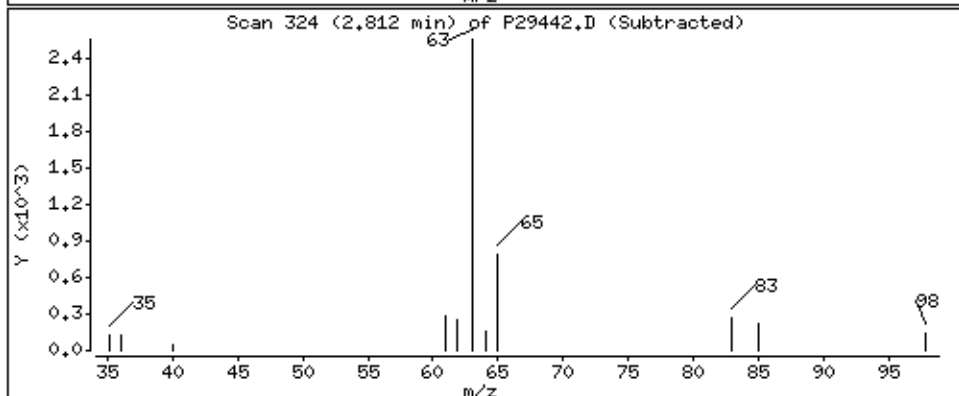
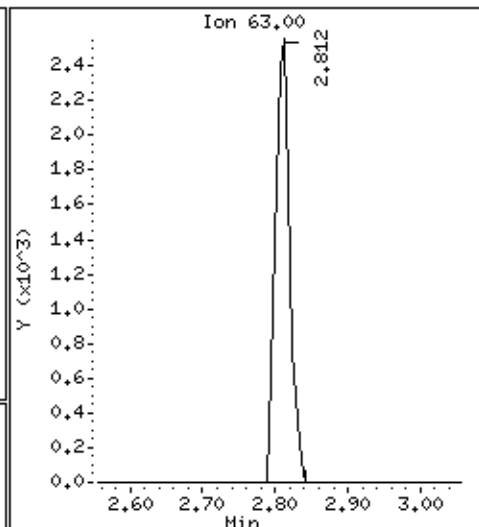
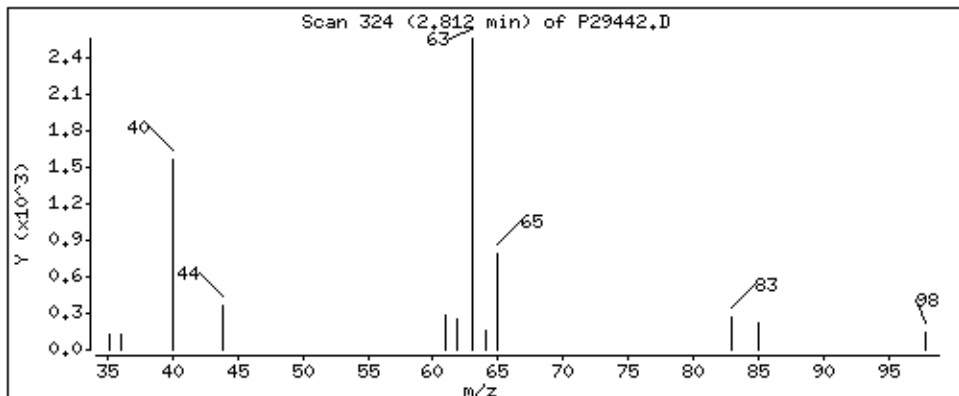
Column phase: RTX-624

Column diameter: 0,18

31 1,1-Dichloroethane

Concentration: 1,24 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29442.D
Injection Date: 10-MAR-2021 17:44
Instrument: 70msv8.i
Lab Sample ID: 70164195001
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. MW-14 MS/MSD

Lab Name: Pace Analytical - New York
 Date Received: 03/02/2021 10:55
 Date Extracted: 03/10/2021 18:03
 Date Analyzed: 03/10/2021 18:03
 Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
 Matrix: Water SDG No.: 70164195
 Lab Sample ID: 70164195002
 Lab File ID: 031021.B\P29443.D
 Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
71-43-2	Benzene	<1.0	U
108-86-1	Bromobenzene	<1.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
75-25-2	Bromoform	<1.0	U
74-83-9	Bromomethane	<1.0	U
78-93-3	2-Butanone (MEK)	<5.0	U
104-51-8	n-Butylbenzene	<1.0	U
135-98-8	sec-Butylbenzene	<1.0	U
98-06-6	tert-Butylbenzene	<1.0	U
75-15-0	Carbon disulfide	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
108-90-7	Chlorobenzene	<1.0	U
75-00-3	Chloroethane	3.8	
67-66-3	Chloroform	<1.0	U
74-87-3	Chloromethane	<1.0	U
95-49-8	2-Chlorotoluene	<1.0	U
106-43-4	4-Chlorotoluene	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
106-93-4	1,2-Dibromoethane (EDB)	<1.0	U
74-95-3	Dibromomethane	<1.0	U
95-50-1	1,2-Dichlorobenzene	<1.0	U
541-73-1	1,3-Dichlorobenzene	<1.0	U
106-46-7	1,4-Dichlorobenzene	<1.0	U
75-71-8	Dichlorodifluoromethane	<1.0	U
75-34-3	1,1-Dichloroethane	6.1	
107-06-2	1,2-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	1.4	
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
142-28-9	1,3-Dichloropropane	<1.0	U
594-20-7	2,2-Dichloropropane	<1.0	U
563-58-6	1,1-Dichloropropene	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U

MSV - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-14 MS/MSD

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 18:03
Date Analyzed: 03/10/2021 18:03
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 70164195002
Lab File ID: 031021.B\VP29443.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
100-41-4	Ethylbenzene	<1.0	U
87-68-3	Hexachloro-1,3-butadiene	<1.0	U
591-78-6	2-Hexanone	<5.0	U
98-82-8	Isopropylbenzene (Cumene)	<1.0	U
99-87-6	p-Isopropyltoluene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	U
1634-04-4	Methyl-tert-butyl ether	<1.0	U
91-20-3	Naphthalene	<1.0	U
103-65-1	n-Propylbenzene	<1.0	U
100-42-5	Styrene	<1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	<1.0	U
108-88-3	Toluene	<1.0	U
87-61-6	1,2,3-Trichlorobenzene	<1.0	U
120-82-1	1,2,4-Trichlorobenzene	<1.0	U
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
95-63-6	1,2,4-Trimethylbenzene	<1.0	U
108-67-8	1,3,5-Trimethylbenzene	<1.0	U
108-05-4	Vinyl acetate	<1.0	U
75-01-4	Vinyl chloride	1.3	
1330-20-7	Xylene (Total)	<3.0	U
179601-23-1	m&p-Xylene	<2.0	U
95-47-6	o-Xylene	<1.0	U

03/16/2021 9:50

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29443.D
 Lab Smp Id: 70164195002 Client Smp ID: MW-14 MS/MSD
 Inj Date : 10-MAR-2021 18:03 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : 70164195002,
 Misc Info : 11195,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 24
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A
 Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	CONCENTRATIONS					REVIEW C
			ON-COLUMN	FINAL	RT	EXP RT	REL RT	
	MASS		(ug/L)	(ug/L)				
1 Chlorodifluoromethane	51							
2 Dichlorotetrafluoroethane	135							
3 Dichlorodifluoromethane	85							
4 Chloromethane	50							
5 Vinyl chloride	62		1.171	1.166	(0.318)	1626	1.29611	1.30 (Q)
6 1,3-Butadiene	54							
7 Acetaldehyde	44							(D)
8 Bromomethane	94							
9 Chloroethane	64		1.464	1.458	(0.397)	3867	3.83703	3.84
10 Dichlorofluoromethane	67							
11 Trichlorofluoromethane	101							
12 Ethanol	45							
13 Diethyl ether (Ethyl ether)	59							
16 1,1,2-Trichlorotrifluoroethane	101							
14 Acrolein	56							
15 1,1-Dichloroethene	96		1.952	1.946	(0.529)	1984	1.40674	1.41
17 Acetone	43		2.043	2.037	(0.554)	2395	3.15660	3.16
18 Iodomethane	142							
19 2-Propanol	45							
20 Carbon disulfide	76							
21 Allyl chloride	76							
22 Acetonitrile	41							

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
23 Methyl acetate	43							
24 Methylene Chloride	84							
25 tert-Butyl Alcohol	59							
28 Methyl-tert-butyl ether	73							
27 trans-1,2-Dichloroethene	96							
26 Acrylonitrile	53							
30 n-Hexane	57							
29 Diisopropyl ether	45							
32 Vinyl acetate	43							
31 1,1-Dichloroethane	63	2.811	2.806	(0.762)	17965	6.13105	6.13	
33 Chloroprene	53							
34 Ethyl-tert-butyl ether	59							
36 2,2-Dichloropropane	77							
35 cis-1,2-Dichloroethene	96							
39 Ethyl acetate	61							
37 2-Butanone (MEK)	43							
41 Bromochloromethane	128							
42 Tetrahydrofuran	42							
43 Chloroform	83							
38 Propionitrile	54							
46 Cyclohexane	56							
45 1,1,1-Trichloroethane	97							
* 44 Pentafluorobenzene (IS)	168	3.689	3.683	(1.000)	213317	50.0000		
48 Carbon tetrachloride	117							(D)
47 1,1-Dichloropropene	75							(D)
55 2,2,4-Trimethylpentane	57							
51 Benzene	78							
40 Methacrylonitrile	67							
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.951	3.952	(0.917)	130739	48.0468	48.0	
56 tert-Amylmethyl ether	73							
52 1,2-Dichloroethane	62							
57 n-Heptane	43							
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.311	(1.000)	360548	50.0000		
59 Trichloroethene	95							
60 Methylcyclohexane	83							
49 Isobutanol	43							
53 tert-Amyl Alcohol	59							
54 tert-Amyl ethyl ether	59							
61 1,2-Dichloropropane	63							
63 Methyl methacrylate	69							
64 1,4-Dioxane (p-Dioxane)	88	4.909	4.897	(1.139)	1577	130.783	131(Q)	
62 Dibromomethane	93							
65 Bromodichloromethane	83							
66 2-Nitropropane	43							
67 2-Chloroethylvinyl ether	63							
68 cis-1,3-Dichloropropene	75							
69 4-Methyl-2-pentanone (MIBK)	43							(D)
\$ 70 Toluene-d8 (S)	98	5.732	5.726	(0.771)	436243	47.7244	47.7	
71 Toluene	91							
72 Methyl isothiocyanate	73							
74 trans-1,3-Dichloropropene	75							
75 Ethyl methacrylate	69							
76 1,1,2-Trichloroethane	83							
77 Tetrachloroethene	166							

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
78 1,3-Dichloropropane	76							
79 2-Hexanone	43							
73 n-Octane	43							(D)
81 n-Butyl acetate	43							
80 Dibromochloromethane	129							
82 1,2-Dibromoethane (EDB)	107							
* 83 Chlorobenzene-d5 (IS)	82	7.432	7.433	(1.000)	184024	50.0000		
84 Chlorobenzene	112							
86 Ethylbenzene	106							
85 1,1,1,2-Tetrachloroethane	131							
88 n-Nonane	43							
87 m&p-Xylene	106							
89 o-Xylene	106							
90 Styrene	104							
91 Bromoform	173							
92 Isopropylbenzene (Cumene)	105							
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	171371	48.2875	48.3	
94 Bromobenzene	156							
95 1,1,2,2-Tetrachloroethane	83							
98 n-Propylbenzene	91							
96 1,2,3-Trichloropropane	110							
97 trans-1,4-Dichloro-2-butene	53							
103 n-Decane	43							
99 2-Chlorotoluene	91							
100 4-Ethyltoluene	105							
101 1,3,5-Trimethylbenzene	105							
102 4-Chlorotoluene	91							
104 tert-Butylbenzene	119							
105 Pentachloroethane	167							
106 1,2,4-Trimethylbenzene	105							
107 sec-Butylbenzene	105							
109 d-Limonene	136							
110 p-Isopropyltoluene	119							
108 1,3-Dichlorobenzene	146							
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	165491	50.0000		
112 1,4-Dichlorobenzene	146							
113 1,2,3-Trimethylbenzene	105							
114 Benzyl chloride	91							
115 trans-Decalin	138							
116 1,4-Diethylbenzene	119							
117 n-Butylbenzene	91							
119 n-Undecane	43							(D)
118 1,2-Dichlorobenzene	146							
120 cis-Decalin	138							
121 1,2,4,5-tetramethylbenzene	119							
122 1,2-Dibromo-3-chloropropane	75							
123 n-Dodecane	43							(D)
124 1,2,4-Trichlorobenzene	180							
125 Hexachloro-1,3-butadiene	225							
126 Naphthalene	128							
127 1,2,3-Trichlorobenzene	180							

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D
Report Date: 11-Mar-2021 10:40

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D
Report Date: 11-Mar-2021 10:40

Pace Analytical Services, Inc.

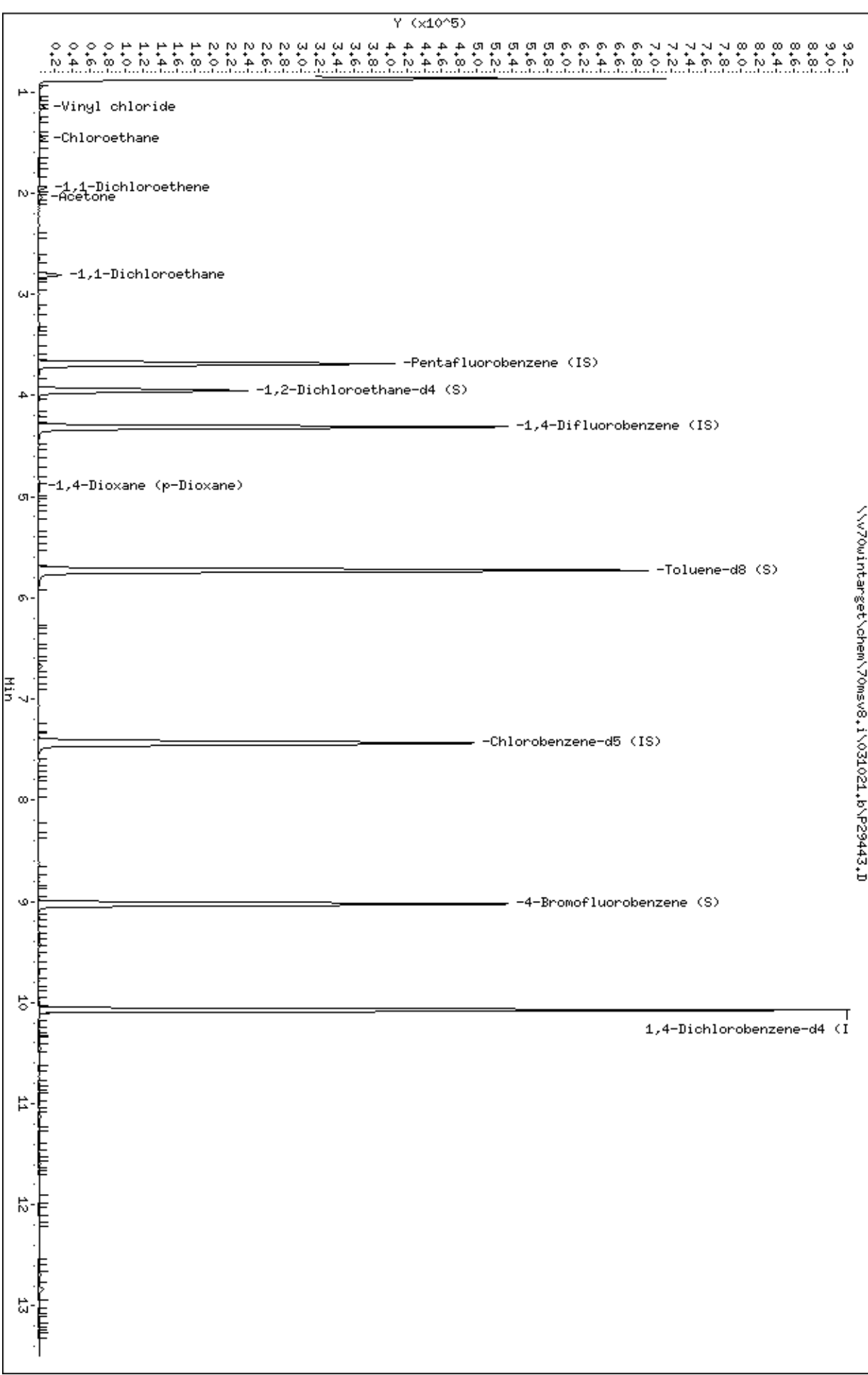
SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29443.D
Lab Smp Id: 70164195002 Client Smp ID: MW-14 MS/MSD
Inj Date : 10-MAR-2021 18:03 MS Autotune Date: 07-JUL-2020 12:1
Operator : BBL Inst ID: 70msv8.i
Smp Info : 70164195002,
Misc Info : 11195,
Comment :
Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\w70wintarget\chem\70msv8.1\031021.b\p29443.D
 Date: 10-MAR-2021 18:03
 Client ID: HM-14 HS/HSD
 Sample Info: 70164195002,
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: BBL
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D

Date : 10-MAR-2021 18:03

Client ID: MW-14 MS/MSD

Instrument: 70msv8.i

Sample Info: 70164195002,

Purge Volume: 5.0

Operator: BBL

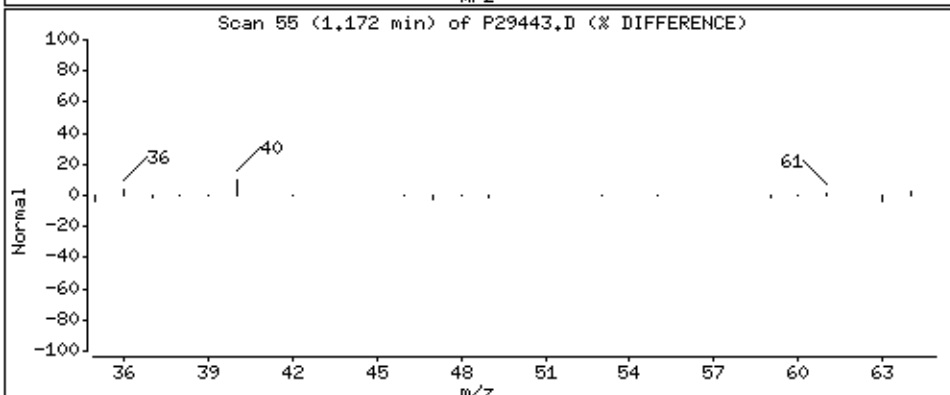
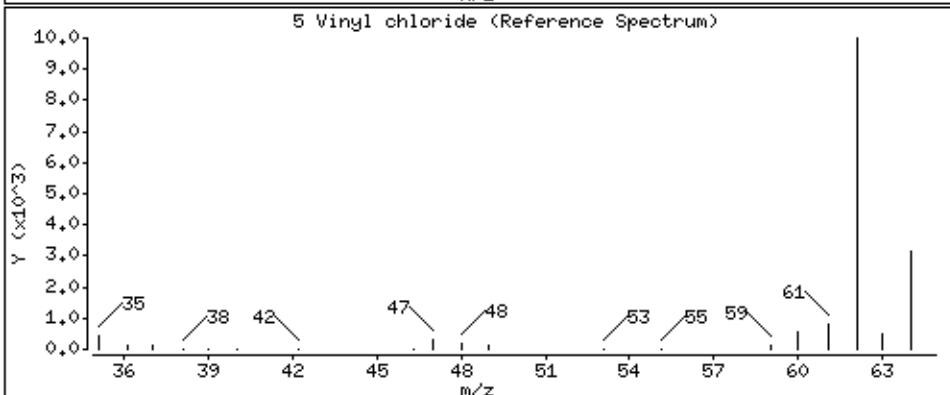
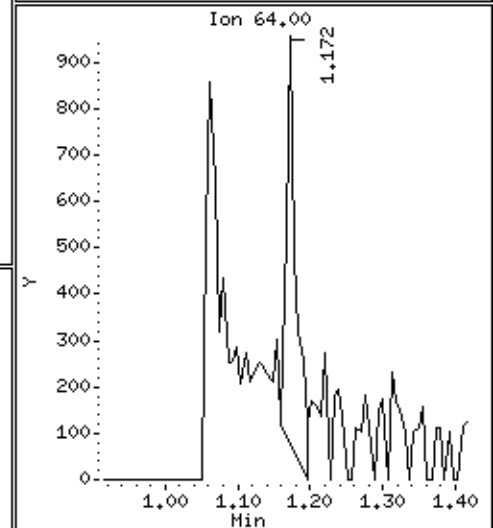
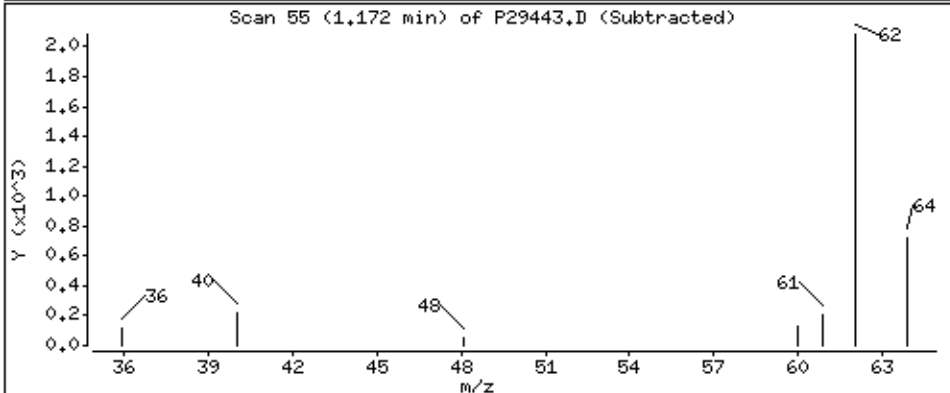
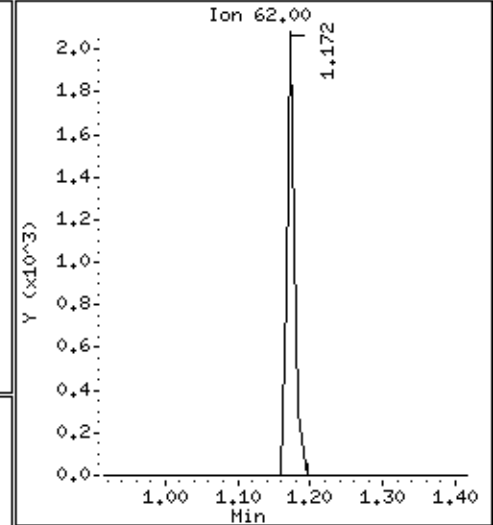
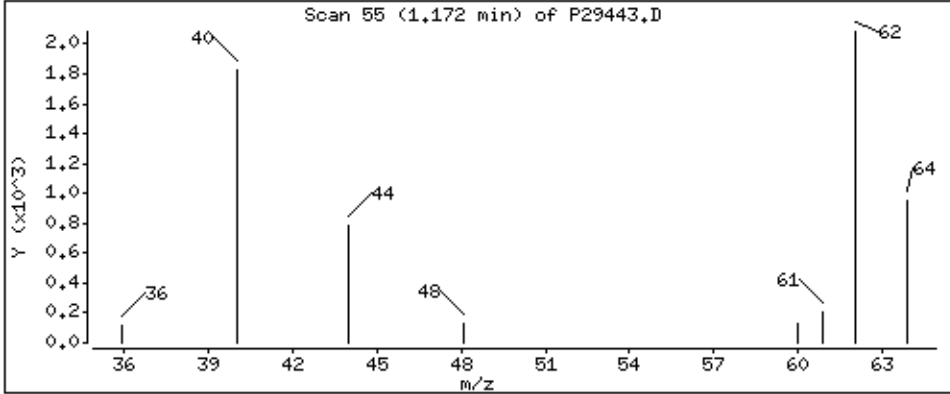
Column phase: RTX-624

Column diameter: 0,18

5 Vinyl chloride

Concentration: 1,30 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D

Date : 10-MAR-2021 18:03

Client ID: MW-14 MS/MSD

Instrument: 70msv8.i

Sample Info: 70164195002,

Purge Volume: 5.0

Operator: BBL

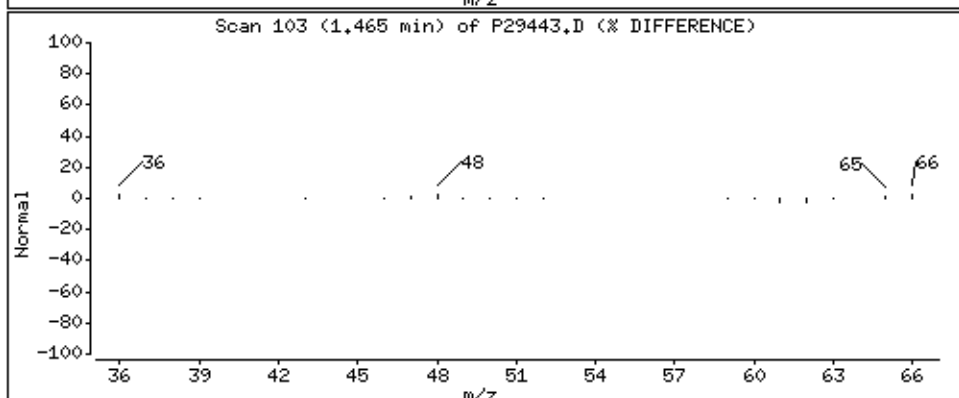
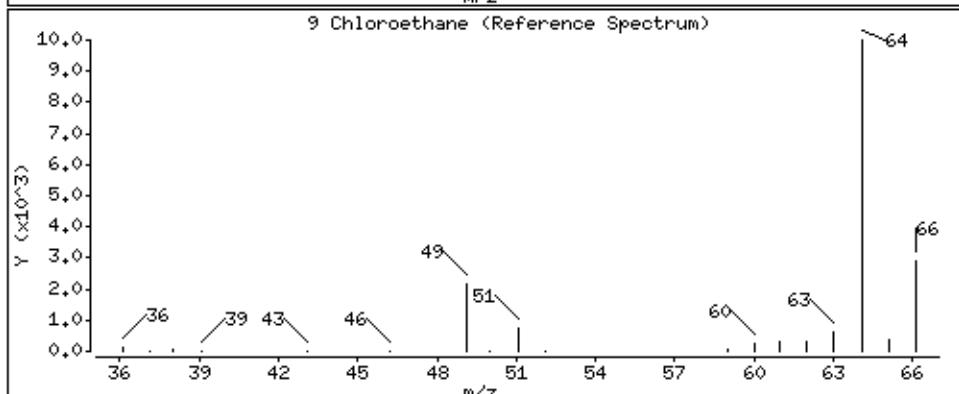
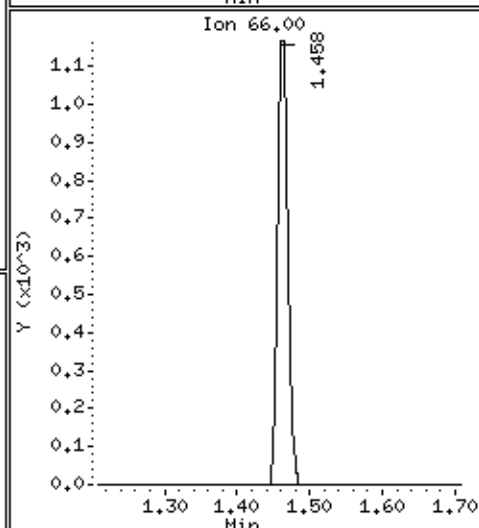
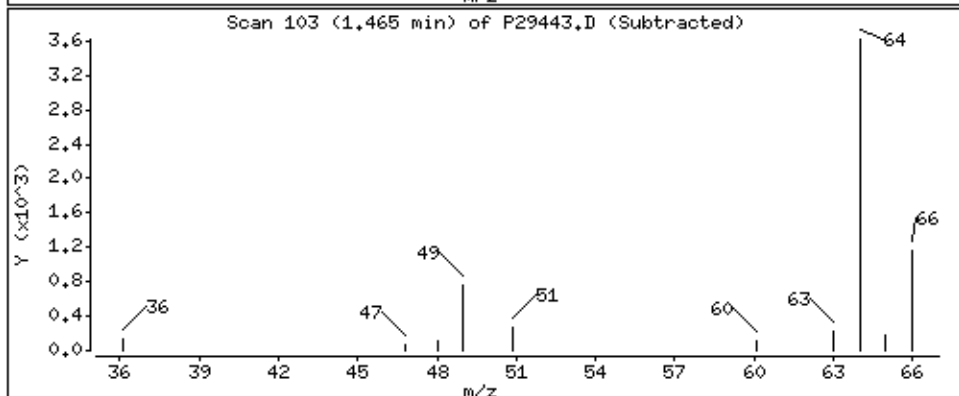
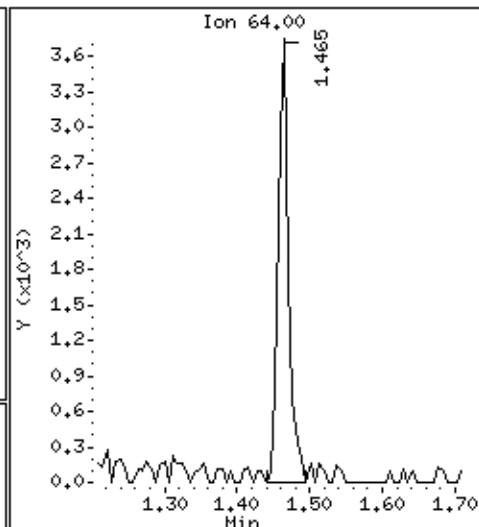
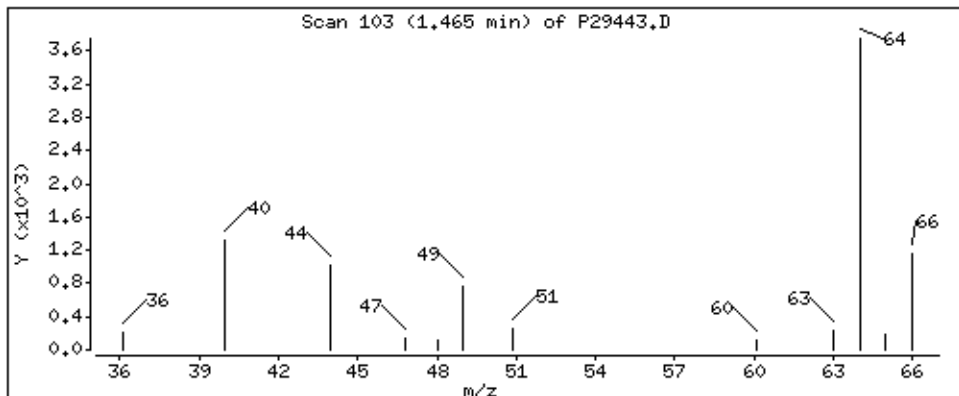
Column phase: RTX-624

Column diameter: 0,18

9 Chloroethane

Concentration: 3,84 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D

Date : 10-MAR-2021 18:03

Client ID: MW-14 MS/MSD

Instrument: 70msv8.i

Sample Info: 70164195002,

Purge Volume: 5.0

Operator: BBL

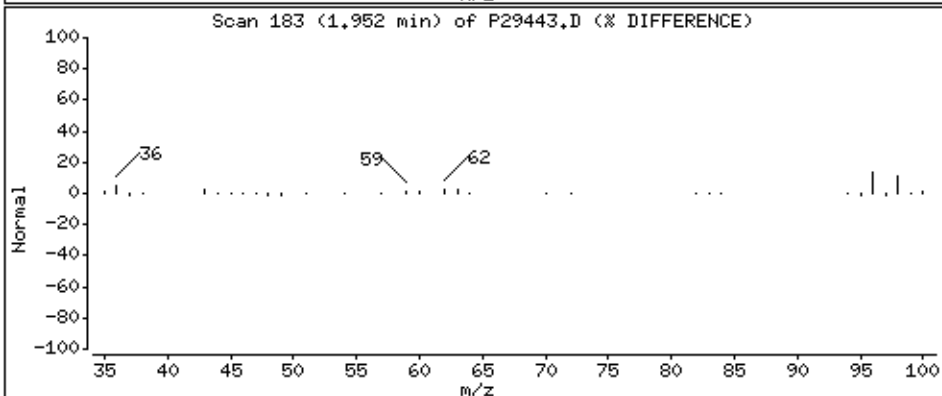
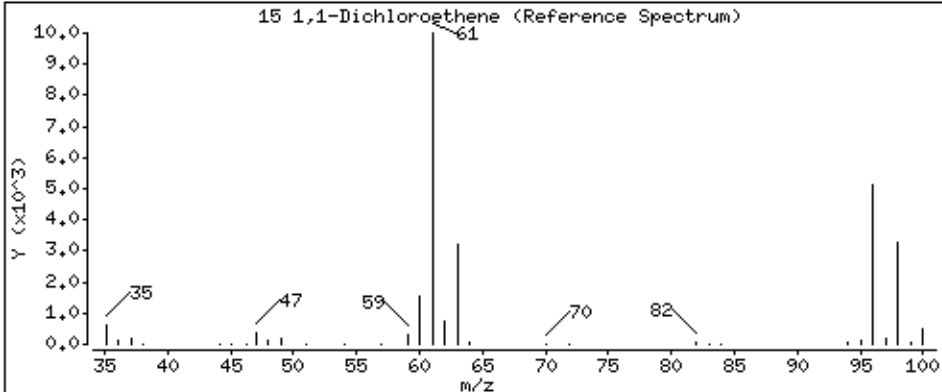
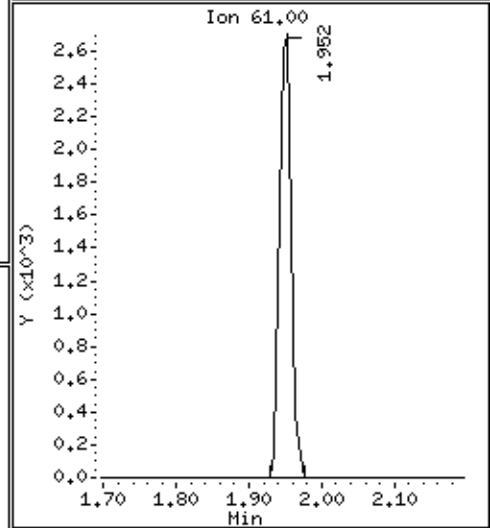
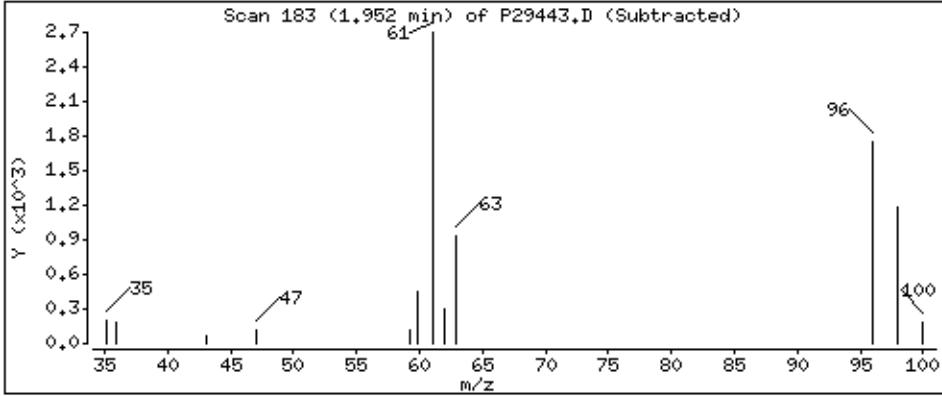
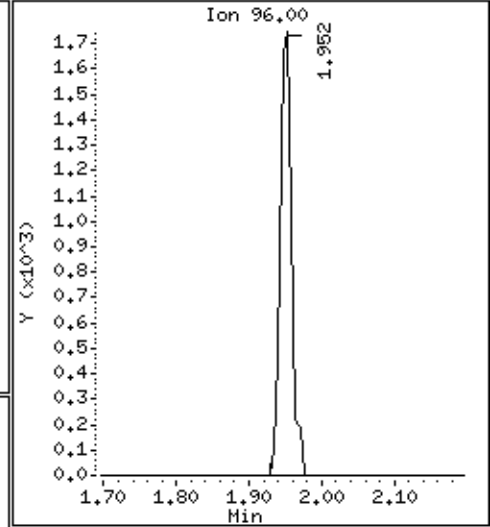
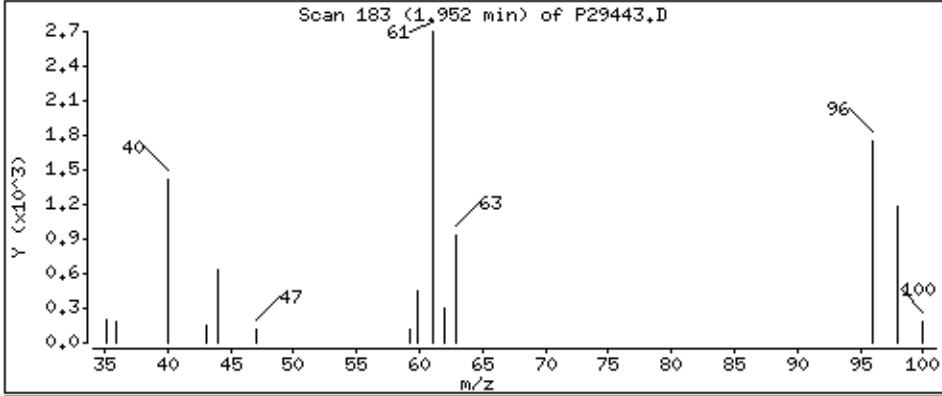
Column phase: RTX-624

Column diameter: 0,18

15 1,1-Dichloroethene

Concentration: 1,41 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D

Date : 10-MAR-2021 18:03

Client ID: MW-14 MS/MSD

Instrument: 70msv8.i

Sample Info: 70164195002,

Purge Volume: 5.0

Operator: BBL

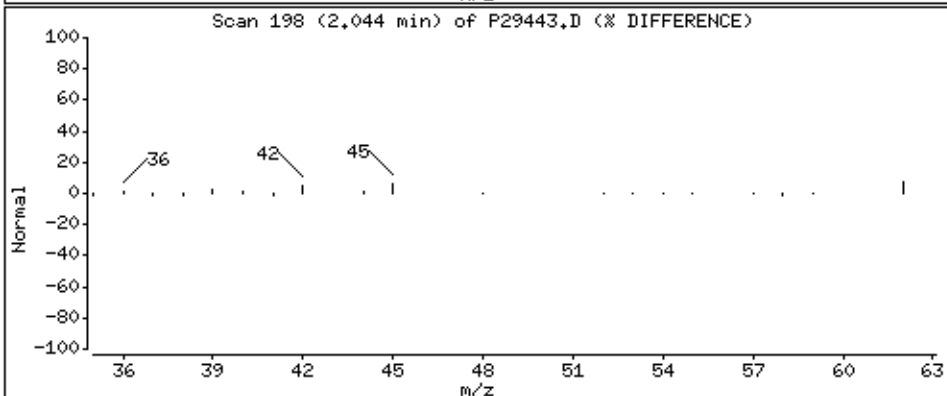
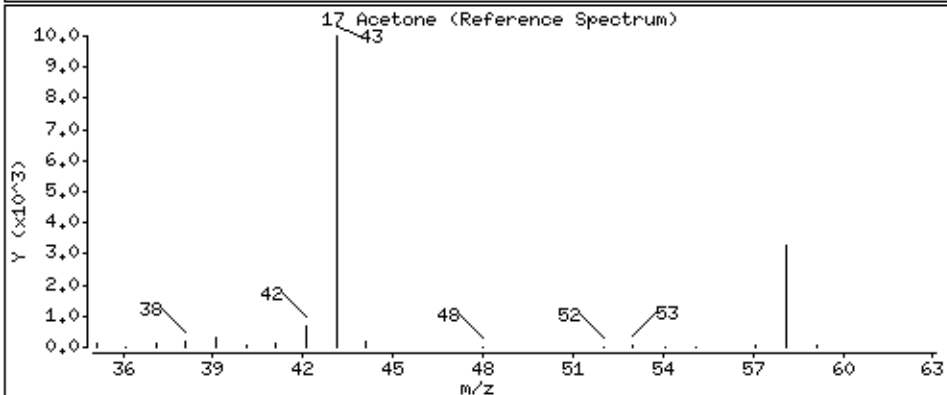
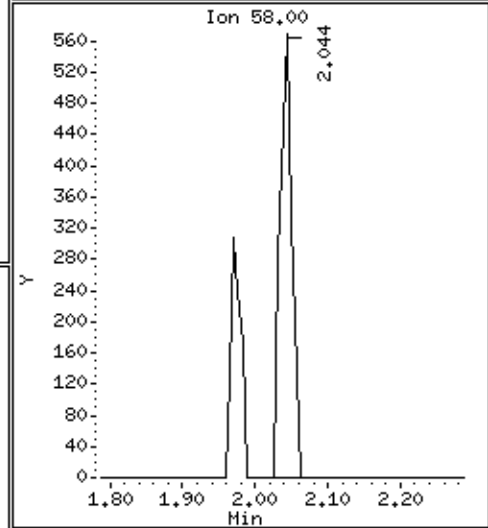
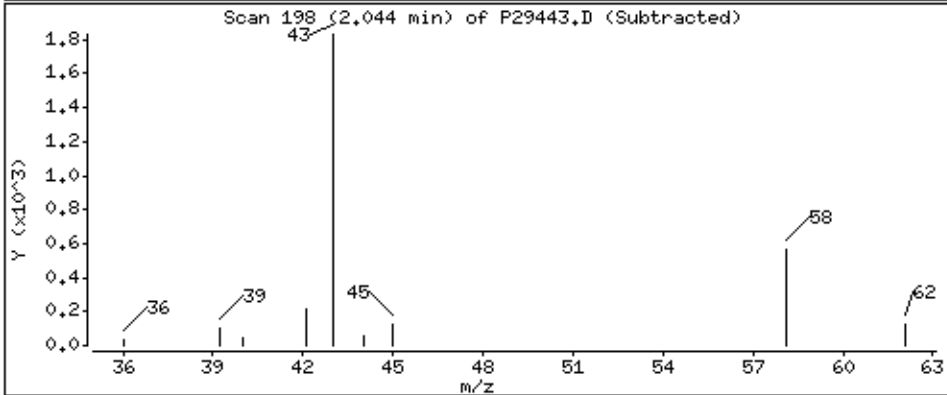
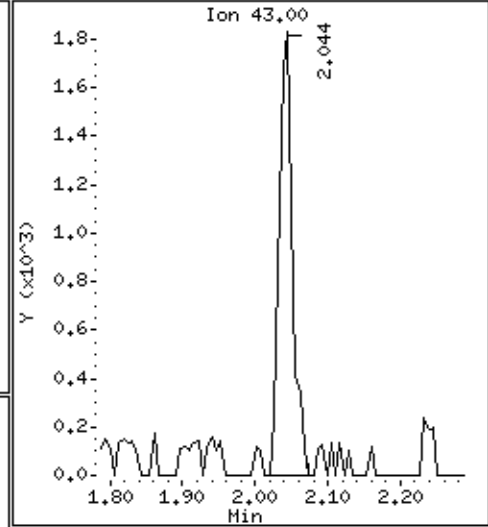
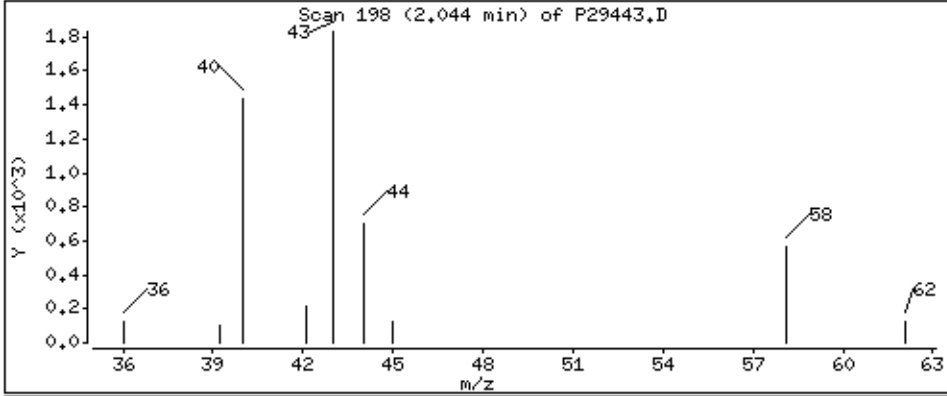
Column phase: RTX-624

Column diameter: 0,18

17 Acetone

Concentration: 3,16 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D

Date : 10-MAR-2021 18:03

Client ID: MW-14 MS/MSD

Instrument: 70msv8.i

Sample Info: 70164195002,

Purge Volume: 5.0

Operator: BBL

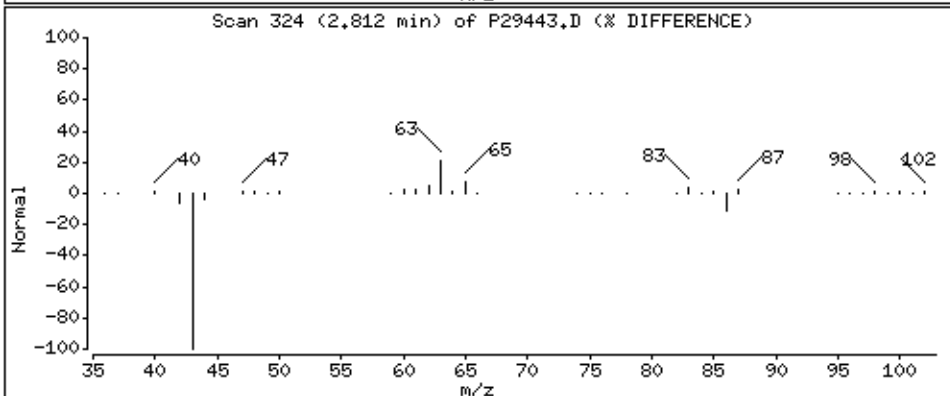
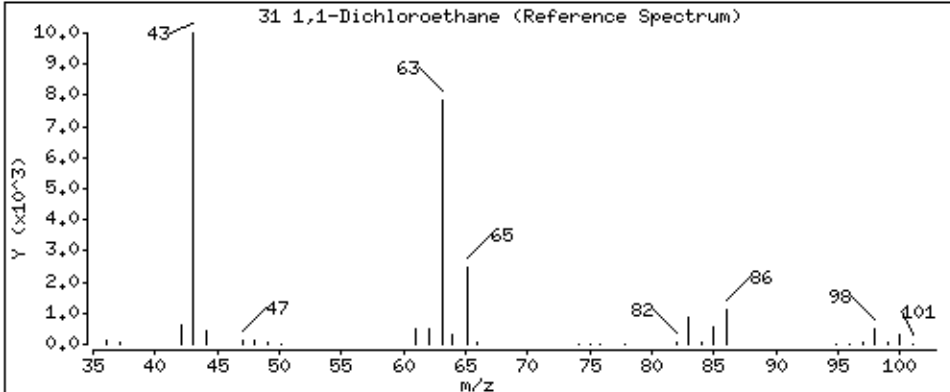
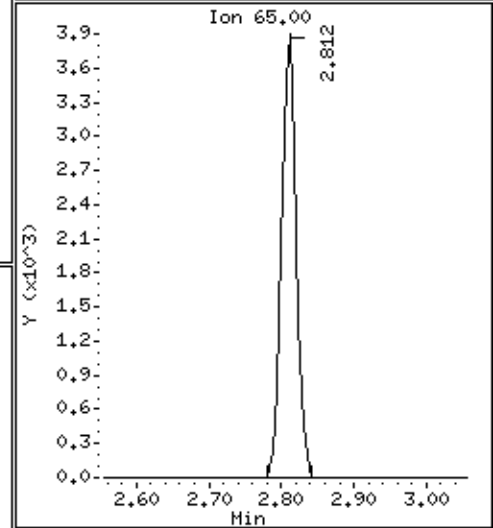
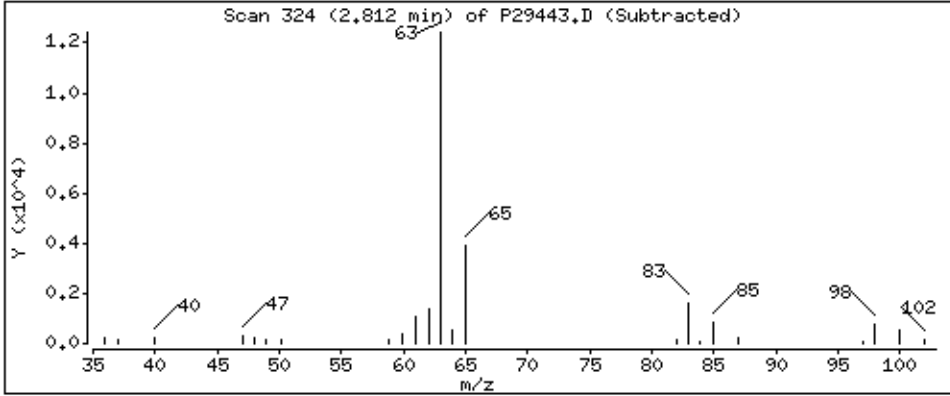
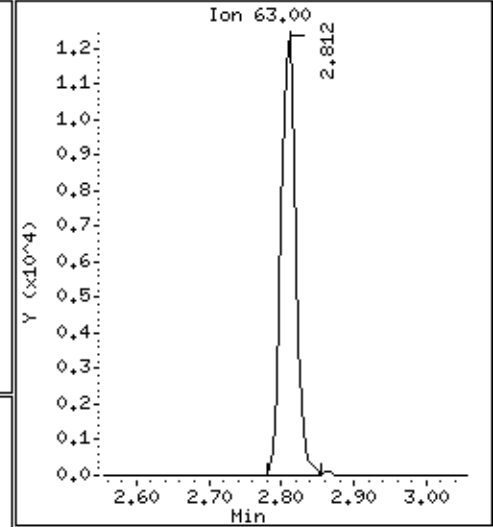
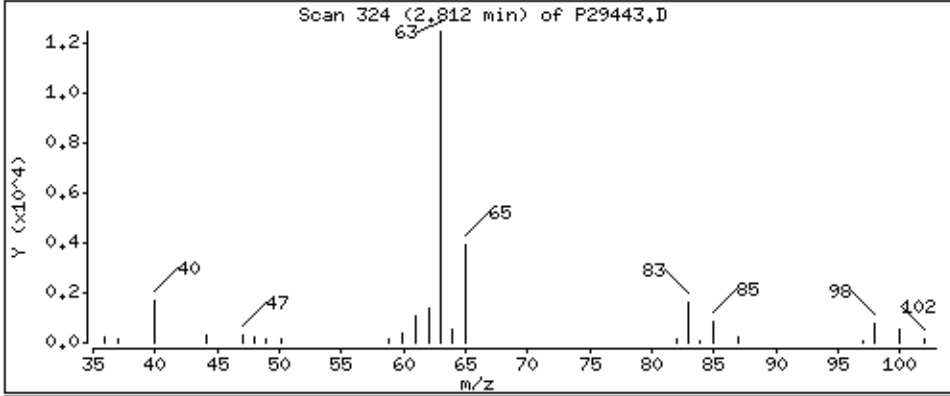
Column phase: RTX-624

Column diameter: 0,18

31 1,1-Dichloroethane

Concentration: 6,13 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29443.D

Date : 10-MAR-2021 18:03

Client ID: MW-14 MS/MSD

Instrument: 70msv8.i

Sample Info: 70164195002,

Purge Volume: 5.0

Operator: BBL

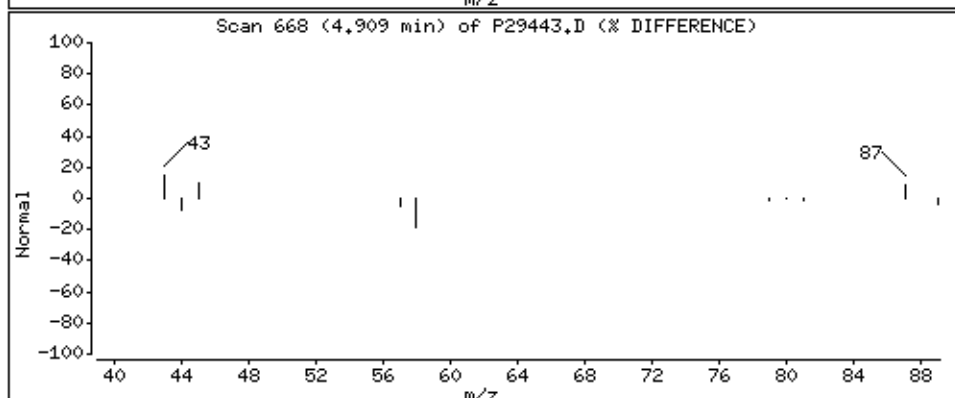
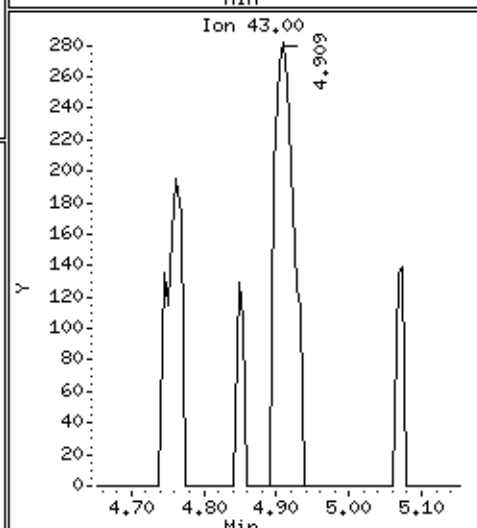
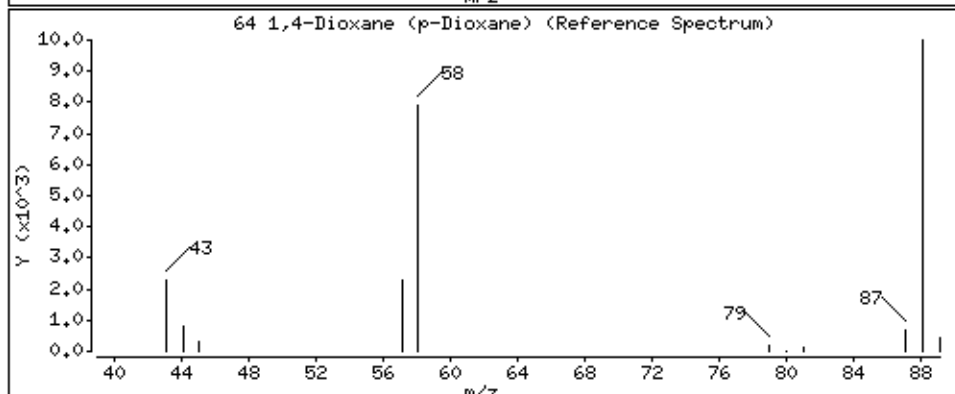
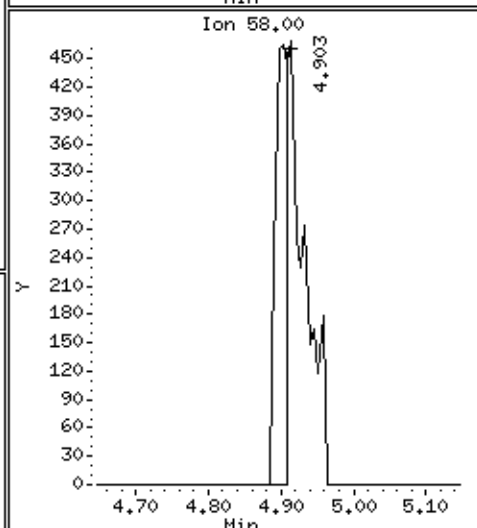
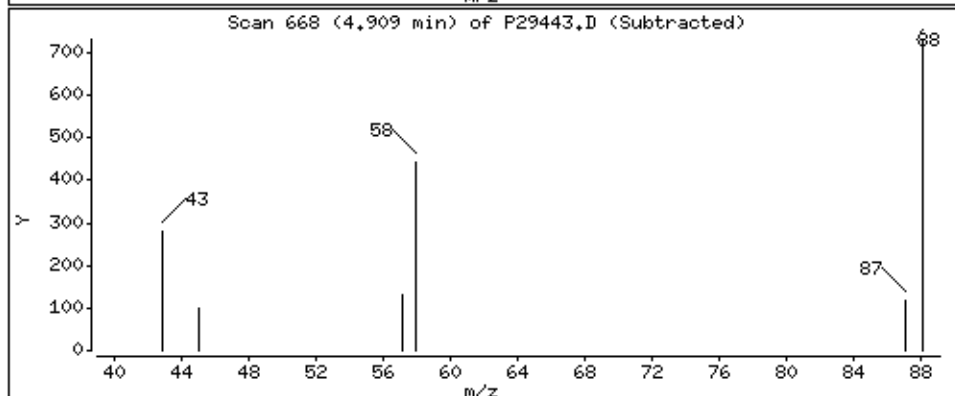
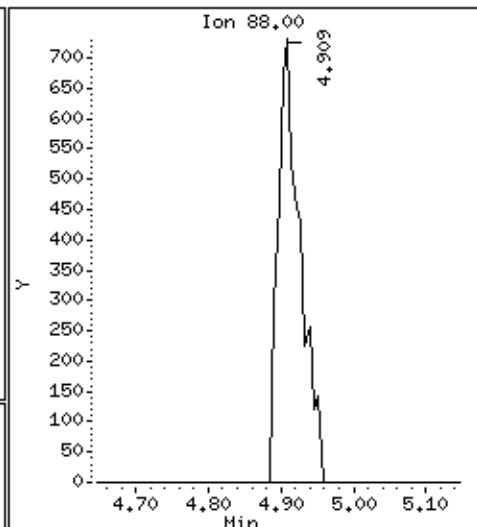
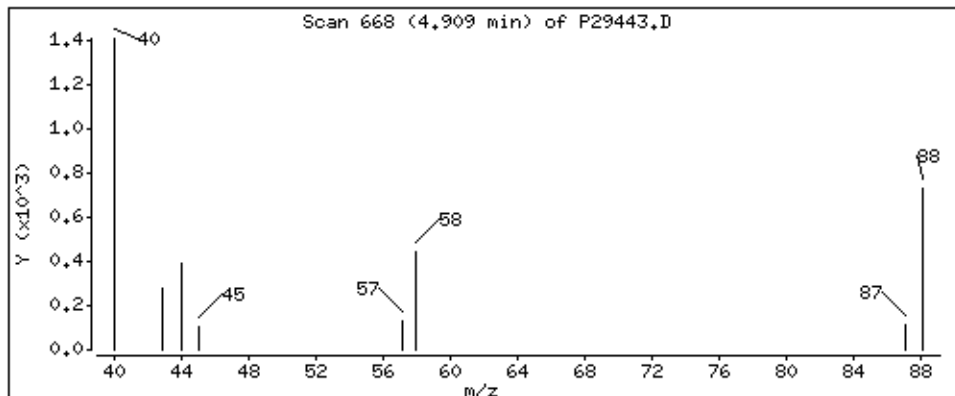
Column phase: RTX-624

Column diameter: 0,18

64 1,4-Dioxane (p-Dioxane)

Concentration: 131 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29443.D
Injection Date: 10-MAR-2021 18:03
Instrument: 70msv8.i
Lab Sample ID: 70164195002
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 14:00
Date Analyzed: 03/10/2021 14:00
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 70164195003
Lab File ID: 031021.B\IP29431.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
71-43-2	Benzene	<1.0	U
108-86-1	Bromobenzene	<1.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
75-25-2	Bromoform	<1.0	U
74-83-9	Bromomethane	<1.0	U
78-93-3	2-Butanone (MEK)	<5.0	U
104-51-8	n-Butylbenzene	<1.0	U
135-98-8	sec-Butylbenzene	<1.0	U
98-06-6	tert-Butylbenzene	<1.0	U
75-15-0	Carbon disulfide	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
108-90-7	Chlorobenzene	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	<1.0	U
74-87-3	Chloromethane	<1.0	U
95-49-8	2-Chlorotoluene	<1.0	U
106-43-4	4-Chlorotoluene	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
106-93-4	1,2-Dibromoethane (EDB)	<1.0	U
74-95-3	Dibromomethane	<1.0	U
95-50-1	1,2-Dichlorobenzene	<1.0	U
541-73-1	1,3-Dichlorobenzene	<1.0	U
106-46-7	1,4-Dichlorobenzene	<1.0	U
75-71-8	Dichlorodifluoromethane	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
107-06-2	1,2-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
142-28-9	1,3-Dichloropropane	<1.0	U
594-20-7	2,2-Dichloropropane	<1.0	U
563-58-6	1,1-Dichloropropene	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U

03/16/2021 9:50

MSV - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 14:00
Date Analyzed: 03/10/2021 14:00
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 70164195003
Lab File ID: 031021.B\VP29431.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
100-41-4	Ethylbenzene	<1.0	U
87-68-3	Hexachloro-1,3-butadiene	<1.0	U
591-78-6	2-Hexanone	<5.0	U
98-82-8	Isopropylbenzene (Cumene)	<1.0	U
99-87-6	p-Isopropyltoluene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	U
1634-04-4	Methyl-tert-butyl ether	<1.0	U
91-20-3	Naphthalene	<1.0	U
103-65-1	n-Propylbenzene	<1.0	U
100-42-5	Styrene	<1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	<1.0	U
108-88-3	Toluene	<1.0	U
87-61-6	1,2,3-Trichlorobenzene	<1.0	U
120-82-1	1,2,4-Trichlorobenzene	<1.0	U
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
95-63-6	1,2,4-Trimethylbenzene	<1.0	U
108-67-8	1,3,5-Trimethylbenzene	<1.0	U
108-05-4	Vinyl acetate	<1.0	U
75-01-4	Vinyl chloride	<1.0	U
1330-20-7	Xylene (Total)	<3.0	U
179601-23-1	m&p-Xylene	<2.0	U
95-47-6	o-Xylene	<1.0	U

03/16/2021 9:50

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29431.D
 Report Date: 11-Mar-2021 10:39

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29431.D
 Lab Smp Id: 70164195003 Client Smp ID: TRIP BLANK
 Inj Date : 10-MAR-2021 14:00 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : 70164195003,
 Misc Info : 11195,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A
 Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	CONCENTRATIONS				REVIEW		
			ON-COLUMN	FINAL					
	MASS		RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	C
1 Chlorodifluoromethane	51					Compound Not Detected.			
2 Dichlorotetrafluoroethane	135					Compound Not Detected.			
3 Dichlorodifluoromethane	85					Compound Not Detected.			
4 Chloromethane	50					Compound Not Detected.			
5 Vinyl chloride	62					Compound Not Detected.			
6 1,3-Butadiene	54					Compound Not Detected.			
7 Acetaldehyde	44					Compound Not Detected.			(D)
8 Bromomethane	94					Compound Not Detected.			(D)
9 Chloroethane	64					Compound Not Detected.			
10 Dichlorofluoromethane	67					Compound Not Detected.			
11 Trichlorofluoromethane	101					Compound Not Detected.			
12 Ethanol	45					Compound Not Detected.			(D)
13 Diethyl ether (Ethyl ether)	59					Compound Not Detected.			
16 1,1,2-Trichlorotrifluoroethane	101					Compound Not Detected.			
14 Acrolein	56					Compound Not Detected.			
15 1,1-Dichloroethene	96					Compound Not Detected.			
17 Acetone	43					Compound Not Detected.			
18 Iodomethane	142					Compound Not Detected.			
19 2-Propanol	45					Compound Not Detected.			
20 Carbon disulfide	76					Compound Not Detected.			
21 Allyl chloride	76					Compound Not Detected.			
22 Acetonitrile	41					Compound Not Detected.			(D)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
23 Methyl acetate	43							
24 Methylene Chloride	84							
25 tert-Butyl Alcohol	59							
28 Methyl-tert-butyl ether	73							
27 trans-1,2-Dichloroethene	96							
26 Acrylonitrile	53							
30 n-Hexane	57							
29 Diisopropyl ether	45							
32 Vinyl acetate	43							
31 1,1-Dichloroethane	63							
33 Chloroprene	53							
34 Ethyl-tert-butyl ether	59							
36 2,2-Dichloropropane	77							
35 cis-1,2-Dichloroethene	96							
39 Ethyl acetate	61							
37 2-Butanone (MEK)	43							
41 Bromochloromethane	128							
42 Tetrahydrofuran	42							
43 Chloroform	83							
38 Propionitrile	54							
46 Cyclohexane	56							
45 1,1,1-Trichloroethane	97							
* 44 Pentafluorobenzene (IS)	168	3.690	3.683	(1.000)	215241	50.0000		
48 Carbon tetrachloride	117							(D)
47 1,1-Dichloropropene	75							(D)
55 2,2,4-Trimethylpentane	57							
51 Benzene	78							
40 Methacrylonitrile	67							
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.917)	132066	48.0948	48.1	
56 tert-Amylmethyl ether	73							
52 1,2-Dichloroethane	62							
57 n-Heptane	43							
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.311	(1.000)	363844	50.0000		
59 Trichloroethene	95							
60 Methylcyclohexane	83							
49 Isobutanol	43							
53 tert-Amyl Alcohol	59							
54 tert-Amyl ethyl ether	59							
61 1,2-Dichloropropane	63							
63 Methyl methacrylate	69							
64 1,4-Dioxane (p-Dioxane)	88							
62 Dibromomethane	93							
65 Bromodichloromethane	83							
66 2-Nitropropane	43							
67 2-Chloroethylvinyl ether	63							
68 cis-1,3-Dichloropropene	75							
69 4-Methyl-2-pentanone (MIBK)	43							(D)
\$ 70 Toluene-d8 (S)	98	5.732	5.726	(0.771)	439611	47.3485	47.3	
71 Toluene	91							
72 Methyl isothiocyanate	73							
74 trans-1,3-Dichloropropene	75							
75 Ethyl methacrylate	69							
76 1,1,2-Trichloroethane	83							
77 Tetrachloroethene	166							

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
78 1,3-Dichloropropane	76							
79 2-Hexanone	43							
73 n-Octane	43							
81 n-Butyl acetate	43							
80 Dibromochloromethane	129							
82 1,2-Dibromoethane (EDB)	107							
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	186917	50.0000		
84 Chlorobenzene	112							
86 Ethylbenzene	106							
85 1,1,1,2-Tetrachloroethane	131							
88 n-Nonane	43							
87 m&p-Xylene	106							
89 o-Xylene	106							
90 Styrene	104							
91 Bromoform	173							
92 Isopropylbenzene (Cumene)	105							
\$ 93 4-Bromofluorobenzene (S)	95	9.030	9.024	(1.215)	170990	47.4345	47.4	
94 Bromobenzene	156							
95 1,1,2,2-Tetrachloroethane	83							
98 n-Propylbenzene	91							
96 1,2,3-Trichloropropane	110							
97 trans-1,4-Dichloro-2-butene	53							
103 n-Decane	43							
99 2-Chlorotoluene	91							
100 4-Ethyltoluene	105							
101 1,3,5-Trimethylbenzene	105							
102 4-Chlorotoluene	91							
104 tert-Butylbenzene	119							
105 Pentachloroethane	167							
106 1,2,4-Trimethylbenzene	105							
107 sec-Butylbenzene	105							
109 d-Limonene	136							
110 p-Isopropyltoluene	119							
108 1,3-Dichlorobenzene	146							
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	163856	50.0000		
112 1,4-Dichlorobenzene	146							
113 1,2,3-Trimethylbenzene	105							
114 Benzyl chloride	91							
115 trans-Decalin	138							
116 1,4-Diethylbenzene	119							
117 n-Butylbenzene	91							
119 n-Undecane	43							(D)
118 1,2-Dichlorobenzene	146							
120 cis-Decalin	138							
121 1,2,4,5-tetramethylbenzene	119							
122 1,2-Dibromo-3-chloropropane	75							
123 n-Dodecane	43							(D)
124 1,2,4-Trichlorobenzene	180							
125 Hexachloro-1,3-butadiene	225							
126 Naphthalene	128							
127 1,2,3-Trichlorobenzene	180							

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29431.D
Report Date: 11-Mar-2021 10:39

QC Flag Legend

D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29431.D
Report Date: 11-Mar-2021 10:39

Pace Analytical Services, Inc.

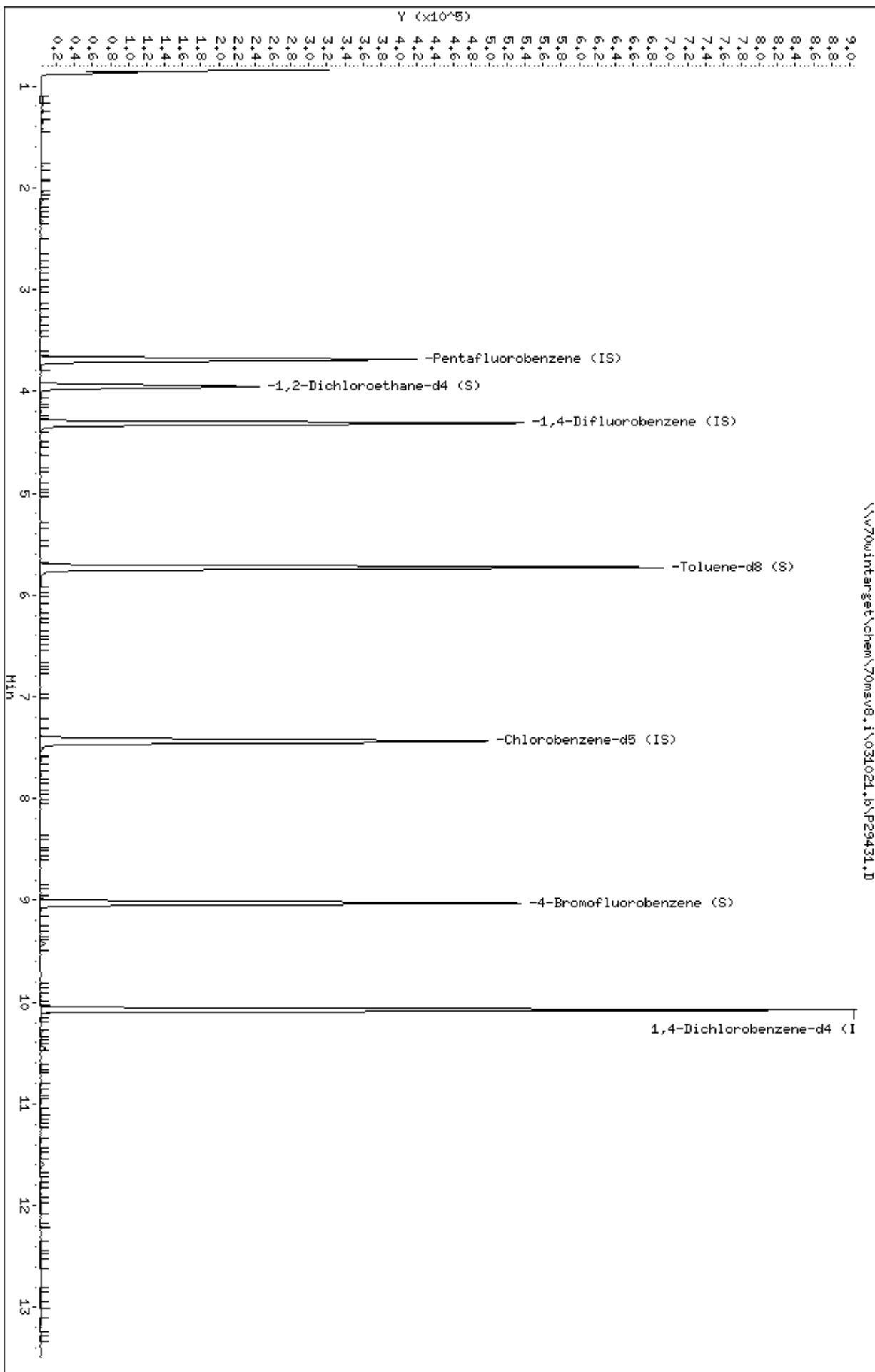
SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29431.D
Lab Smp Id: 70164195003 Client Smp ID: TRIP BLANK
Inj Date : 10-MAR-2021 14:00 MS Autotune Date: 07-JUL-2020 12:1
Operator : BBL Inst ID: 70msv8.i
Smp Info : 70164195003,
Misc Info : 11195,
Comment :
Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\w70wintarget\chem\70msv8.1\031021.b\p29431.D
Date: 10-MAR-2021 14:00
Client ID: TRIP BLANK
Sample Info: 70164195003,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv8.1
Operator: BBL
Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29431.D
Injection Date: 10-MAR-2021 14:00
Instrument: 70msv8.i
Lab Sample ID: 70164195003
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM VI VOA-1
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV8 GC Column: Col 1 SDG No.: 70164195
 Calibration Date(s): 07/07/2020 07/07/2020 Calibration Time(s): 16:50 19:31

LAB FILE ID

CAL1 = 070720.B\P24780.D CAL2 = 070720.B\P24781.D CAL3 = 070720.B\P24782.D
 CAL4 = 070720.B\P24783.D CAL5 = 070720.B\P24784.D CAL6 = 070720.B\P24785.D
 CAL7 = 070720.B\P24786.D CAL8 = 070720.B\P24787.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Acetone	Linear		0.00000	0.14953	0.10636	0.09386	0.08187
Benzene	Averaged	0.96794	0.90005	0.86311	0.86301	0.86207	0.88507
Bromobenzene	Averaged		0.57689	0.60098	0.59531	0.59352	0.60160
Bromochloromethane	Averaged		0.17748	0.20064	0.19989	0.19493	0.19487
Bromodichloromethane	Averaged		0.32554	0.31875	0.31018	0.30924	0.31790
Bromoform	Averaged		0.19464	0.19584	0.21138	0.20668	0.22448
Bromomethane	Quadratic		0.04604	0.05879	0.03929	0.04365	0.04908
2-Butanone (MEK)	Averaged		0.34914	0.36689	0.37336	0.37511	0.38105
n-Butylbenzene	Averaged		2.60551	2.61887	2.66409	2.72791	2.85781
sec-Butylbenzene	Averaged		2.81010	2.86874	2.86427	2.89774	3.06273
tert-Butylbenzene	Averaged		1.83751	1.95435	1.94020	1.96939	2.02108
Carbon disulfide	Averaged		1.15219	1.00660	0.98043	0.93961	0.97352
Carbon tetrachloride	Averaged		0.47036	0.31615	0.32334	0.30582	0.36100
Chlorobenzene	Averaged		1.24715	1.25883	1.28541	1.27433	1.30486
Chloroethane	Averaged		0.25019	0.24562	0.23734	0.22673	0.23895
Chloroform	Averaged		0.71744	0.72135	0.70498	0.69137	0.71245
Chloromethane	Averaged		0.28268	0.23916	0.23144	0.24760	0.25205
2-Chlorotoluene	Averaged		2.05257	1.98436	1.98808	1.97167	2.01440
4-Chlorotoluene	Averaged		2.29930	2.25650	2.24289	2.24469	2.27998
1,2-Dibromo-3-chloropropane	Averaged		0.11345	0.07654	0.08218	0.08498	0.09044
Dibromochloromethane	Averaged		0.37997	0.39222	0.40025	0.40390	0.42656
1,2-Dibromoethane (EDB)	Averaged	0.19742	0.19654	0.19740	0.19107	0.19067	0.19747
Dibromomethane	Averaged		0.14589	0.14145	0.13621	0.13549	0.13589
1,2-Dichlorobenzene	Averaged		0.99710	1.03256	1.07116	1.05343	1.08787
1,3-Dichlorobenzene	Averaged		1.04308	1.12286	1.12783	1.13995	1.16892
1,4-Dichlorobenzene	Averaged		1.09871	1.16088	1.16259	1.16225	1.18702
Dichlorodifluoromethane	Averaged		0.39580	0.37076	0.37721	0.36822	0.39092
1,1-Dichloroethane	Averaged		0.69931	0.68717	0.67329	0.67259	0.68428
1,2-Dichloroethane	Averaged		0.55204	0.56928	0.55428	0.53759	0.56035
1,1-Dichloroethene	Averaged	0.49145	0.30018	0.32218	0.29927	0.31865	0.30114
cis-1,2-Dichloroethene	Averaged		0.41538	0.45520	0.43474	0.43600	0.44301
trans-1,2-Dichloroethene	Averaged		0.38538	0.36451	0.36103	0.36594	0.37151
1,2-Dichloropropane	Averaged		0.23387	0.23129	0.22215	0.22077	0.22504
1,3-Dichloropropane	Averaged		0.64626	0.64674	0.67821	0.65728	0.67151
2,2-Dichloropropane	Averaged		0.70619	0.65373	0.60736	0.60508	0.62724

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-2
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV8 GC Column: Col 1 SDG No.: 70164195
 Calibration Date(s): 07/07/2020 07/07/2020 Calibration Time(s): 16:50 19:31

LAB FILE ID

CAL1 = 070720.B\P24780.D CAL2 = 070720.B\P24781.D CAL3 = 070720.B\P24782.D
 CAL4 = 070720.B\P24783.D CAL5 = 070720.B\P24784.D CAL6 = 070720.B\P24785.D
 CAL7 = 070720.B\P24786.D CAL8 = 070720.B\P24787.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
1,1-Dichloropropene	Averaged		0.34552	0.32559	0.31288	0.30979	0.31755
cis-1,3-Dichloropropene	Averaged	0.38347	0.36953	0.38480	0.36560	0.37045	0.37920
trans-1,3-Dichloropropene	Averaged	0.38885	0.33030	0.32812	0.33622	0.32930	0.34274
Ethylbenzene	Averaged		0.73654	0.74475	0.76264	0.75578	0.77327
Hexachloro-1,3-butadiene	Averaged		0.18477	0.20196	0.21205	0.21708	0.23352
2-Hexanone	Averaged		0.24838	0.21358	0.22446	0.21724	0.22130
Isopropylbenzene (Cumene)	Averaged		2.81093	2.78052	2.77017	2.75596	2.83718
p-Isopropyltoluene	Averaged		2.41523	2.50617	2.47901	2.50008	2.54264
Methylene Chloride	Averaged		0.39726	0.40626	0.37319	0.36716	0.36893
4-Methyl-2-pentanone (MIBK)	Averaged		0.17026	0.15842	0.15463	0.15905	0.16805
Methyl-tert-butyl ether	Averaged		1.12698	1.15740	1.16649	1.13307	1.15990
Naphthalene	Averaged		1.21849	1.20023	1.22031	1.22091	1.28147
n-Propylbenzene	Averaged		3.25399	3.30185	3.31768	3.31949	3.42697
Styrene	Averaged		1.42101	1.41012	1.48180	1.49228	1.53310
1,1,1,2-Tetrachloroethane	Averaged		0.39884	0.42200	0.42262	0.42543	0.44483
1,1,2,2-Tetrachloroethane	Averaged		0.54247	0.53709	0.52140	0.52296	0.53339
Tetrachloroethene	Averaged		0.43705	0.44289	0.46273	0.46374	0.46990
Toluene	Averaged		1.06663	1.04816	1.02888	1.02482	1.04525
1,2,3-Trichlorobenzene	Averaged		0.35770	0.39169	0.39802	0.40298	0.43057
1,2,4-Trichlorobenzene	Averaged		0.46977	0.51199	0.53533	0.52966	0.56671
1,1,1-Trichloroethane	Averaged		0.39652	0.36463	0.35845	0.36677	0.37366
1,1,2-Trichloroethane	Averaged		0.19000	0.17220	0.17857	0.16602	0.17137
Trichloroethene	Averaged		0.24576	0.25649	0.24792	0.24833	0.25386
Trichlorofluoromethane	Averaged		0.48975	0.55600	0.54632	0.54206	0.57365
1,2,3-Trichloropropane	Averaged	0.15053	0.19000	0.14941	0.16191	0.15136	0.16204
1,2,4-Trimethylbenzene	Averaged		2.20072	2.24806	2.30306	2.29999	2.36062
1,3,5-Trimethylbenzene	Averaged		2.17181	2.30690	2.29875	2.31960	2.37563
Vinyl acetate	Averaged		0.77972	0.72469	0.74453	0.75591	0.77257
Vinyl chloride	Averaged		0.29206	0.28731	0.26271	0.27914	0.29929
m&p-Xylene	Averaged	0.88292	0.91040	0.90402	0.92352	0.92197	0.94782
o-Xylene	Averaged		0.85261	0.86934	0.89886	0.89176	0.90464
4-Bromofluorobenzene (S)	Averaged	0.96257	0.95842	0.95917	0.97183	0.96709	0.96911
1,2-Dichloroethane-d4 (S)	Averaged	0.38295	0.37806	0.38440	0.37672	0.37788	0.37630
Toluene-d8 (S)	Averaged	2.44997	2.48914	2.46124	2.52144	2.50341	2.49767

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-3
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV8 GC Column: Col 1 SDG No.: 70164195
 Calibration Date(s): 07/07/2020 07/07/2020 Calibration Time(s): 16:50 19:31

LAB FILE ID

CAL1 = 070720.B\P24780.D CAL2 = 070720.B\P24781.D CAL3 = 070720.B\P24782.D
 CAL4 = 070720.B\P24783.D CAL5 = 070720.B\P24784.D CAL6 = 070720.B\P24785.D
 CAL7 = 070720.B\P24786.D CAL8 = 070720.B\P24787.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Acetone	Linear	0.07488	0.07567
Benzene	Averaged	0.91304	0.90873
Bromobenzene	Averaged	0.63313	0.61987
Bromochloromethane	Averaged	0.19606	0.17322
Bromodichloromethane	Averaged	0.32658	0.33013
Bromoform	Averaged	0.23821	0.24119
Bromomethane	Quadratic	0.06378	0.10284
2-Butanone (MEK)	Averaged	0.37932	0.38856
n-Butylbenzene	Averaged	3.06479	3.03843
sec-Butylbenzene	Averaged	3.24578	3.19071
tert-Butylbenzene	Averaged	2.13599	2.09591
Carbon disulfide	Averaged	0.99059	0.99155
Carbon tetrachloride	Averaged	0.34433	0.32837
Chlorobenzene	Averaged	1.33964	1.32820
Chloroethane	Averaged	0.22984	0.22489
Chloroform	Averaged	0.72241	0.72556
Chloromethane	Averaged	0.26986	0.28503
2-Chlorotoluene	Averaged	2.13932	2.12332
4-Chlorotoluene	Averaged	2.41215	2.42265
1,2-Dibromo-3-chloropropane	Averaged	0.09248	0.09384
Dibromochloromethane	Averaged	0.44185	0.44236
1,2-Dibromoethane (EDB)	Averaged	0.20254	0.20263
Dibromomethane	Averaged	0.14093	0.14070
1,2-Dichlorobenzene	Averaged	1.12181	1.10359
1,3-Dichlorobenzene	Averaged	1.23161	1.20642
1,4-Dichlorobenzene	Averaged	1.23126	1.22246
Dichlorodifluoromethane	Averaged	0.39375	0.38797
1,1-Dichloroethane	Averaged	0.69686	0.69417
1,2-Dichloroethane	Averaged	0.56112	0.56160
1,1-Dichloroethene	Averaged	0.30473	0.30701
cis-1,2-Dichloroethene	Averaged	0.45372	0.45631
trans-1,2-Dichloroethene	Averaged	0.37889	0.37964
1,2-Dichloropropane	Averaged	0.23272	0.23075
1,3-Dichloropropane	Averaged	0.68707	0.67896
2,2-Dichloropropane	Averaged	0.63722	0.63519

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-4
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV8 GC Column: Col 1 SDG No.: 70164195
 Calibration Date(s): 07/07/2020 07/07/2020 Calibration Time(s): 16:50 19:31

LAB FILE ID

CAL1 = 070720.B\P24780.D CAL2 = 070720.B\P24781.D CAL3 = 070720.B\P24782.D
 CAL4 = 070720.B\P24783.D CAL5 = 070720.B\P24784.D CAL6 = 070720.B\P24785.D
 CAL7 = 070720.B\P24786.D CAL8 = 070720.B\P24787.D

COMPOUND	CURVE TYPE	CAL7	CAL8
1,1-Dichloropropene	Averaged	0.32656	0.32551
cis-1,3-Dichloropropene	Averaged	0.38939	0.39314
trans-1,3-Dichloropropene	Averaged	0.35170	0.35646
Ethylbenzene	Averaged	0.80312	0.78562
Hexachloro-1,3-butadiene	Averaged	0.25276	0.25430
2-Hexanone	Averaged	0.22214	0.22123
Isopropylbenzene (Cumene)	Averaged	2.97456	2.92312
p-Isopropyltoluene	Averaged	2.70990	2.65593
Methylene Chloride	Averaged	0.37388	0.37536
4-Methyl-2-pentanone (MIBK)	Averaged	0.16704	0.16407
Methyl-tert-butyl ether	Averaged	1.17963	1.18834
Naphthalene	Averaged	1.34965	1.36557
n-Propylbenzene	Averaged	3.62134	3.60035
Styrene	Averaged	1.58035	1.56561
1,1,1,2-Tetrachloroethane	Averaged	0.45795	0.45031
1,1,2,2-Tetrachloroethane	Averaged	0.54852	0.54997
Tetrachloroethene	Averaged	0.48182	0.46626
Toluene	Averaged	1.08233	1.08313
1,2,3-Trichlorobenzene	Averaged	0.45882	0.46568
1,2,4-Trichlorobenzene	Averaged	0.60181	0.60780
1,1,1-Trichloroethane	Averaged	0.38661	0.38352
1,1,2-Trichloroethane	Averaged	0.17466	0.17484
Trichloroethene	Averaged	0.25856	0.25463
Trichlorofluoromethane	Averaged	0.57998	0.57242
1,2,3-Trichloropropane	Averaged	0.15975	0.16229
1,2,4-Trimethylbenzene	Averaged	2.51233	2.49322
1,3,5-Trimethylbenzene	Averaged	2.51385	2.48447
Vinyl acetate	Averaged	0.78721	0.80008
Vinyl chloride	Averaged	0.31456	0.32330
m&p-Xylene	Averaged	0.97364	0.95463
o-Xylene	Averaged	0.93004	0.92015
4-Bromofluorobenzene (S)	Averaged	0.96138	0.96457
1,2-Dichloroethane-d4 (S)	Averaged	0.36966	0.37285
Toluene-d8 (S)	Averaged	2.49037	2.45563

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-5
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV8 GC Column: Col 1 SDG No.: 70164195
 Calibration Date(s): 07/07/2020 07/07/2020 Calibration Time(s): 16:50 19:31

LAB FILE ID

CAL1 = 070720.B\P24780.D CAL2 = 070720.B\P24781.D CAL3 = 070720.B\P24782.D
 CAL4 = 070720.B\P24783.D CAL5 = 070720.B\P24784.D CAL6 = 070720.B\P24785.D
 CAL7 = 070720.B\P24786.D CAL8 = 070720.B\P24787.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Acetone	Linear		0.99960	0.00657777	0.07365	
Benzene	Averaged	4.02286			0.89538	
Bromobenzene	Averaged	3.04967			0.60304	
Bromochloromethane	Averaged	5.76293			0.19101	
Bromodichloromethane	Averaged	2.53521			0.31976	
Bromoform	Averaged	8.80216			0.21606	
Bromomethane	Quadratic		0.99987	0.00242152	0.02522	0.01923
2-Butanone (MEK)	Averaged	3.38370			0.37335	
n-Butylbenzene	Averaged	6.91692			2.79677	
sec-Butylbenzene	Averaged	5.82799			2.99144	
tert-Butylbenzene	Averaged	5.05126			1.99349	
Carbon disulfide	Averaged	6.78890			1.00493	
Carbon tetrachloride	Averaged	16.04634			0.34991	
Chlorobenzene	Averaged	2.68455			1.29120	
Chloroethane	Averaged	4.05713			0.23622	
Chloroform	Averaged	1.68273			0.71365	
Chloromethane	Averaged	8.18936			0.25826	
2-Chlorotoluene	Averaged	3.35462			2.03910	
4-Chlorotoluene	Averaged	3.34404			2.30831	
1,2-Dibromo-3-chloropropane	Averaged	13.03766			0.09056	
Dibromochloromethane	Averaged	5.97518			0.41244	
1,2-Dibromoethane (EDB)	Averaged	2.25684			0.19697	
Dibromomethane	Averaged	2.74619			0.13951	
1,2-Dichlorobenzene	Averaged	4.02319			1.06679	
1,3-Dichlorobenzene	Averaged	5.38414			1.14867	
1,4-Dichlorobenzene	Averaged	3.78973			1.17502	
Dichlorodifluoromethane	Averaged	2.94761			0.38352	
1,1-Dichloroethane	Averaged	1.57608			0.68681	
1,2-Dichloroethane	Averaged	1.80838			0.55661	
1,1-Dichloroethene	Averaged	19.83214			0.33058	
cis-1,2-Dichloroethene	Averaged	3.34852			0.44205	
trans-1,2-Dichloroethene	Averaged	2.44400			0.37241	
1,2-Dichloropropane	Averaged	2.33624			0.22808	
1,3-Dichloropropane	Averaged	2.46948			0.66658	
2,2-Dichloropropane	Averaged	5.36116			0.63886	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-6
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV8 GC Column: Col 1 SDG No.: 70164195
 Calibration Date(s): 07/07/2020 07/07/2020 Calibration Time(s): 16:50 19:31

LAB FILE ID

CAL1 = 070720.B\P24780.D CAL2 = 070720.B\P24781.D CAL3 = 070720.B\P24782.D
 CAL4 = 070720.B\P24783.D CAL5 = 070720.B\P24784.D CAL6 = 070720.B\P24785.D
 CAL7 = 070720.B\P24786.D CAL8 = 070720.B\P24787.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
1,1-Dichloropropene	Averaged	3.65584			0.32334	
cis-1,3-Dichloropropene	Averaged	2.63898			0.37945	
trans-1,3-Dichloropropene	Averaged	5.91959			0.34546	
Ethylbenzene	Averaged	3.03920			0.76596	
Hexachloro-1,3-butadiene	Averaged	11.65836			0.22235	
2-Hexanone	Averaged	5.04698			0.22405	
Isopropylbenzene (Cumene)	Averaged	2.92306			2.83606	
p-Isopropyltoluene	Averaged	4.06647			2.54414	
Methylene Chloride	Averaged	3.98718			0.38029	
4-Methyl-2-pentanone (MIBK)	Averaged	3.56016			0.16307	
Methyl-tert-butyl ether	Averaged	1.94347			1.15883	
Naphthalene	Averaged	5.38466			1.26523	
n-Propylbenzene	Averaged	4.38478			3.40595	
Styrene	Averaged	4.43974			1.49775	
1,1,1,2-Tetrachloroethane	Averaged	4.73133			0.43171	
1,1,2,2-Tetrachloroethane	Averaged	2.12889			0.53654	
Tetrachloroethene	Averaged	3.37655			0.46063	
Toluene	Averaged	2.25944			1.05417	
1,2,3-Trichlorobenzene	Averaged	9.32610			0.41507	
1,2,4-Trichlorobenzene	Averaged	9.06602			0.54615	
1,1,1-Trichloroethane	Averaged	3.63262			0.37574	
1,1,2-Trichloroethane	Averaged	4.28291			0.17538	
Trichloroethene	Averaged	1.93091			0.25222	
Trichlorofluoromethane	Averaged	5.58386			0.55146	
1,2,3-Trichloropropane	Averaged	8.07875			0.16091	
1,2,4-Trimethylbenzene	Averaged	5.05111			2.34543	
1,3,5-Trimethylbenzene	Averaged	4.98905			2.35300	
Vinyl acetate	Averaged	3.41562			0.76639	
Vinyl chloride	Averaged	7.02078			0.29405	
m&p-Xylene	Averaged	3.19769			0.92736	
o-Xylene	Averaged	3.03611			0.89534	
4-Bromofluorobenzene (S)	Averaged	0.49600			0.96427	
1,2-Dichloroethane-d4 (S)	Averaged	1.27718			0.37735	
Toluene-d8 (S)	Averaged	1.02220			2.48361	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24780.D
 Lab Smp Id: CAL1 Client Smp ID: CAL1
 Inj Date : 07-JUL-2020 16:50 MS Autotune Date: 07-JUL-2020 13:1
 Operator : GKB Inst ID: 70msv8.i
 Smp Info : call, 93561:1
 Misc Info : 9446,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\070720.B\070720_8260W.m
 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 16:50 Cal File: P24780.D
 Als bottle: 4 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	AMOUNTS				REVIEW	C
			CAL-AMT	ON-COL	RT	EXP RT		
	MASS		(ug/L)	(ug/L)				
1 Chlorodifluoromethane	51						(D)	
2 Dichlorotetrafluoroethane	135						(D)	
3 Dichlorodifluoromethane	85						(D)	
4 Chloromethane	50						(D)	
5 Vinyl chloride	62						(D)	
6 1,3-Butadiene	54						(D)	
7 Acetaldehyde	44						(D)	
8 Bromomethane	94						(D)	
9 Chloroethane	64						(D)	
10 Dichlorofluoromethane	67						(D)	
11 Trichlorofluoromethane	101						(D)	
12 Ethanol	45						(D)	
13 Diethyl ether (Ethyl ether)	59						(D)	
16 1,1,2-Trichlorotrifluoroethane	101						(D)	
14 Acrolein	56						(D)	
15 1,1-Dichloroethene	96		1.946	1.952	(0.527)	939	0.40000	0.595(Q)
17 Acetone	43							(D)
18 Iodomethane	142							(D)
19 2-Propanol	45							(D)
20 Carbon disulfide	76							(D)
21 Allyl chloride	76							(D)
22 Acetonitrile	41							(D)
23 Methyl acetate	43							(D)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
24 Methylene Chloride	84				Compound Not Detected.			(D)
25 tert-Butyl Alcohol	59				Compound Not Detected.			(D)
28 Methyl-tert-butyl ether	73				Compound Not Detected.			(D)
27 trans-1,2-Dichloroethene	96				Compound Not Detected.			(D)
26 Acrylonitrile	53				Compound Not Detected.			(D)
30 n-Hexane	57				Compound Not Detected.			(D)
29 Diisopropyl ether	45				Compound Not Detected.			(D)
32 Vinyl acetate	43				Compound Not Detected.			(D)
31 1,1-Dichloroethane	63				Compound Not Detected.			(D)
33 Chloroprene	53				Compound Not Detected.			(D)
34 Ethyl-tert-butyl ether	59				Compound Not Detected.			(D)
36 2,2-Dichloropropane	77				Compound Not Detected.			(D)
35 cis-1,2-Dichloroethene	96				Compound Not Detected.			(D)
39 Ethyl acetate	61				Compound Not Detected.			(D)
37 2-Butanone (MEK)	43				Compound Not Detected.			(D)
41 Bromochloromethane	128				Compound Not Detected.			(D)
42 Tetrahydrofuran	42				Compound Not Detected.			(D)
43 Chloroform	83				Compound Not Detected.			(D)
38 Propionitrile	54				Compound Not Detected.			(D)
46 Cyclohexane	56				Compound Not Detected.			(D)
45 1,1,1-Trichloroethane	97				Compound Not Detected.			(D)
* 44 Pentafluorobenzene (IS)	168	3.690	3.690	(1.000)	238834	50.0000		
48 Carbon tetrachloride	117				Compound Not Detected.			(D)
47 1,1-Dichloropropene	75				Compound Not Detected.			(D)
55 2,2,4-Trimethylpentane	57				Compound Not Detected.			(D)
51 Benzene	78	3.927	3.927	(0.911)	3236	0.40000	0.432	
40 Methacrylonitrile	67				Compound Not Detected.			(D)
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.917)	160035	50.0000	50.7	
56 tert-Amylmethyl ether	73				Compound Not Detected.			(D)
52 1,2-Dichloroethane	62	4.019	4.019	(1.089)	1064	0.40000	0.400 (Q)	
57 n-Heptane	43				Compound Not Detected.			(D)
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.317	(1.000)	417897	50.0000		
59 Trichloroethene	95				Compound Not Detected.			(D)
60 Methylcyclohexane	83				Compound Not Detected.			(D)
49 Isobutanol	43				Compound Not Detected.			(D)
53 tert-Amyl Alcohol	59				Compound Not Detected.			(D)
54 tert-Amyl ethyl ether	59				Compound Not Detected.			(D)
61 1,2-Dichloropropane	63				Compound Not Detected.			(D)
63 Methyl methacrylate	69				Compound Not Detected.			(D)
64 1,4-Dioxane (p-Dioxane)	88				Compound Not Detected.			(D)
62 Dibromomethane	93				Compound Not Detected.			(D)
65 Bromodichloromethane	83				Compound Not Detected.			(D)
66 2-Nitropropane	43				Compound Not Detected.			(D)
67 2-Chloroethylvinyl ether	63				Compound Not Detected.			(D)
68 cis-1,3-Dichloropropene	75	5.512	5.512	(1.279)	1282	0.40000	0.404	
69 4-Methyl-2-pentanone (MIBK)	43				Compound Not Detected.			(D)
\$ 70 Toluene-d8 (S)	98	5.732	5.732	(0.771)	518380	50.0000	49.3	
71 Toluene	91				Compound Not Detected.			(D)
72 Methyl isothiocyanate	73				Compound Not Detected.			(D)
74 trans-1,3-Dichloropropene	75	6.152	6.152	(1.427)	1300	0.40000	0.450	
75 Ethyl methacrylate	69				Compound Not Detected.			(D)
76 1,1,2-Trichloroethane	83				Compound Not Detected.			(D)
77 Tetrachloroethene	166				Compound Not Detected.			(D)
78 1,3-Dichloropropane	76				Compound Not Detected.			(D)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43				Compound Not Detected.			(D)
73 n-Octane	43				Compound Not Detected.			(D)
81 n-Butyl acetate	43				Compound Not Detected.			(D)
80 Dibromochloromethane	129				Compound Not Detected.			(D)
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.597)	660	0.40000	0.401	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	211586	50.0000		
84 Chlorobenzene	112				Compound Not Detected.			(D)
86 Ethylbenzene	106				Compound Not Detected.			(D)
85 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.			(D)
88 n-Nonane	43				Compound Not Detected.			(D)
87 m&p-Xylene	106	7.780	7.786	(1.047)	2989	0.80000	0.762	
89 o-Xylene	106				Compound Not Detected.			(D)
90 Styrene	104				Compound Not Detected.			(D)
91 Bromoform	173				Compound Not Detected.			(D)
92 Isopropylbenzene (Cumene)	105				Compound Not Detected.			(D)
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	203666	50.0000	49.9	
94 Bromobenzene	156				Compound Not Detected.			(D)
95 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.			(D)
98 n-Propylbenzene	91				Compound Not Detected.			(D)
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	220	0.40000	0.374 (Q)	
97 trans-1,4-Dichloro-2-butene	53				Compound Not Detected.			(D)
103 n-Decane	43				Compound Not Detected.			(D)
99 2-Chlorotoluene	91				Compound Not Detected.			(D)
100 4-Ethyltoluene	105				Compound Not Detected.			(D)
101 1,3,5-Trimethylbenzene	105				Compound Not Detected.			(D)
102 4-Chlorotoluene	91				Compound Not Detected.			(D)
104 tert-Butylbenzene	119				Compound Not Detected.			(D)
105 Pentachloroethane	167				Compound Not Detected.			(D)
106 1,2,4-Trimethylbenzene	105				Compound Not Detected.			(D)
107 sec-Butylbenzene	105				Compound Not Detected.			(D)
109 d-Limonene	136				Compound Not Detected.			(D)
110 p-Isopropyltoluene	119				Compound Not Detected.			(D)
108 1,3-Dichlorobenzene	146				Compound Not Detected.			(D)
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	182689	50.0000	(Q)	
112 1,4-Dichlorobenzene	146				Compound Not Detected.			(D)
113 1,2,3-Trimethylbenzene	105				Compound Not Detected.			(D)
114 Benzyl chloride	91				Compound Not Detected.			(D)
115 trans-Decalin	138				Compound Not Detected.			(D)
116 1,4-Diethylbenzene	119				Compound Not Detected.			(D)
117 n-Butylbenzene	91				Compound Not Detected.			(D)
119 n-Undecane	43				Compound Not Detected.			(D)
118 1,2-Dichlorobenzene	146				Compound Not Detected.			(D)
120 cis-Decalin	138				Compound Not Detected.			(D)
121 1,2,4,5-tetramethylbenzene	119				Compound Not Detected.			(D)
122 1,2-Dibromo-3-chloropropane	75				Compound Not Detected.			(D)
123 n-Dodecane	43				Compound Not Detected.			(D)
124 1,2,4-Trichlorobenzene	180				Compound Not Detected.			(D)
125 Hexachloro-1,3-butadiene	225				Compound Not Detected.			(D)
126 Naphthalene	128				Compound Not Detected.			(D)
127 1,2,3-Trichlorobenzene	180				Compound Not Detected.			(D)

Data File: \\v70wintarget\chem\70msv8.i\070720.B\P24780.D
Report Date: 18-Aug-2020 15:13

QC Flag Legend

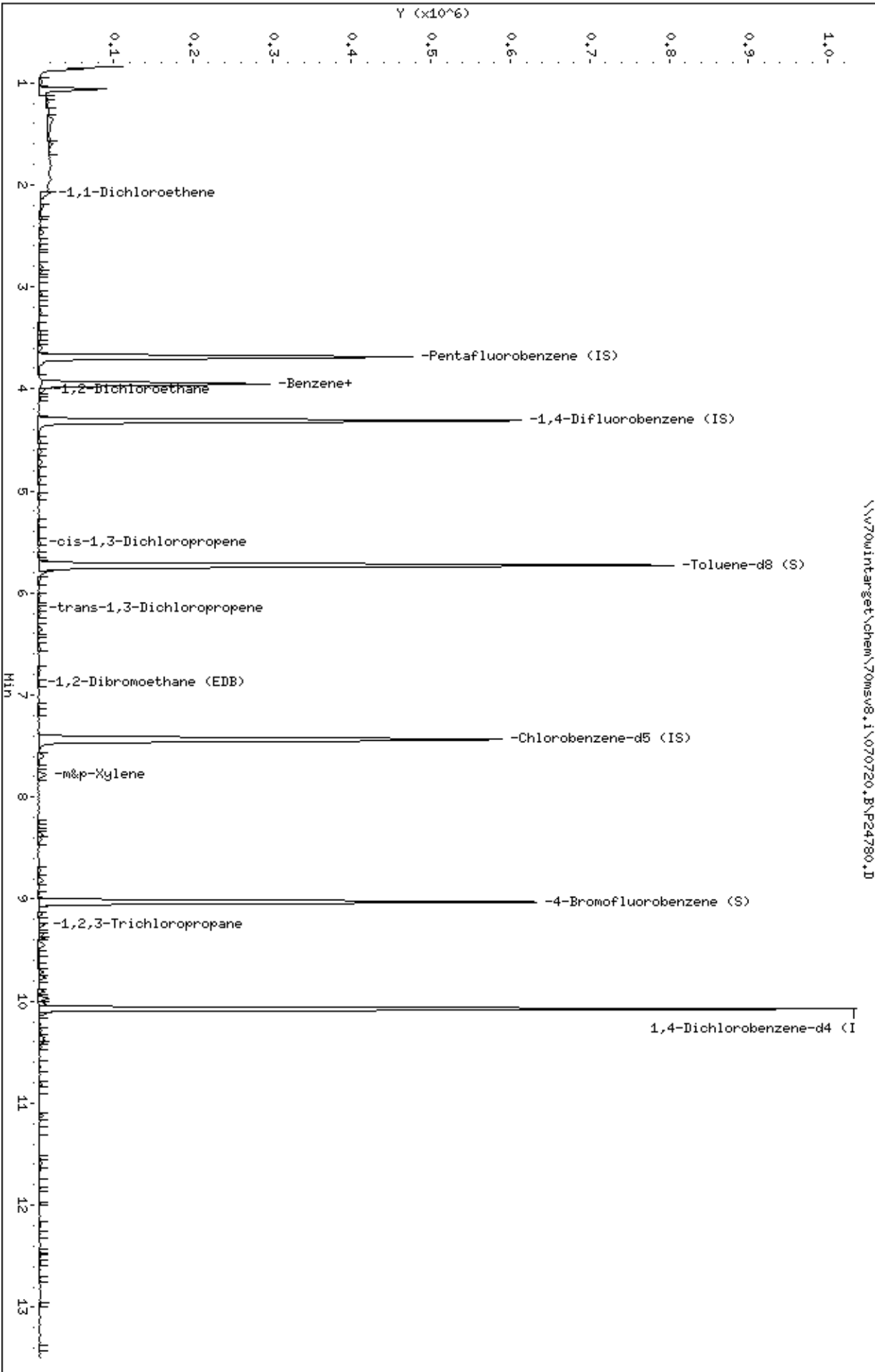
Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\w70wintarget\chem\70msv8.1\070720.B\F24780.D
 Date: 07-JUL-2020 16:50
 Client ID: CALL
 Sample Info: CALL, 93561:1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: GKB
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24780.D
Injection Date: 07-JUL-2020 16:50
Instrument: 70msv8.i
Lab Sample ID: CAL1
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24781.D
 Lab Smp Id: CAL2 Client Smp ID: CAL2
 Inj Date : 07-JUL-2020 17:13 MS Autotune Date: 07-JUL-2020 13:1
 Operator : GKB Inst ID: 70msv8.i
 Smp Info : cal2, 93562:1
 Misc Info : 9446,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\070720.B\070720_8260W.m
 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 17:13 Cal File: P24781.D
 Als bottle: 5 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	AMOUNTS					REVIEW C		
			MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	2123	1.00000	1.12 (Q)		
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	936	1.00000	0.952		
3 Dichlorodifluoromethane	85		0.970	0.977	(0.263)	1900	1.00000	1.03 (Q)		
4 Chloromethane	50		1.105	1.111	(0.299)	1357	1.00000	1.09 (Q)		
5 Vinyl chloride	62		1.172	1.172	(0.318)	1402	1.00000	0.993 (Q)		
6 1,3-Butadiene	54		1.190	1.190	(0.323)	1448	1.00000	1.01 (Q)		
7 Acetaldehyde	44		Compound Not Detected.							(D)
8 Bromomethane	94		1.391	1.391	(0.377)	221	1.00000	(QM)	GT	
9 Chloroethane	64		1.458	1.464	(0.395)	1201	1.00000	1.06 (Q)		
10 Dichlorofluoromethane	67		1.604	1.605	(0.435)	3039	1.00000	1.05		
11 Trichlorofluoromethane	101		1.598	1.598	(0.433)	2351	1.00000	0.888		
12 Ethanol	45		Compound Not Detected.							(D)
13 Diethyl ether (Ethyl ether)	59		1.799	1.800	(0.488)	1470	1.00000	0.998		
16 1,1,2-Trichlorotrifluoroethane	101		1.928	1.928	(0.522)	1623	1.00000	0.965		
14 Acrolein	56		Compound Not Detected.							(D)
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	1441	1.00000	0.908		
17 Acetone	43		Compound Not Detected.							(D)
18 Iodomethane	142		2.068	2.068	(0.561)	267	1.00000	4.78 (Q)		
19 2-Propanol	45		2.799	2.799	(0.759)	6045	25.00000	25.4		
20 Carbon disulfide	76		2.086	2.086	(0.565)	5531	1.00000	1.15 (Q)		
21 Allyl chloride	76		2.214	2.214	(0.600)	1130	1.00000	1.07		
22 Acetonitrile	41		2.281	2.281	(0.618)	1015	5.00000	5.98 (Q)		
23 Methyl acetate	43		2.238	2.239	(0.607)	1317	1.00000	1.13		

Compounds	QUANT SIG		AMOUNTS					REVIEW C	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)		
24 Methylene Chloride	84	2.318	2.318	(0.628)	1907	1.00000	1.04		
25 tert-Butyl Alcohol	59	2.403	2.403	(0.651)	598	5.00000	4.75 (Q)		
28 Methyl-tert-butyl ether	73	2.464	2.458	(0.668)	5410	1.00000	0.972		
27 trans-1,2-Dichloroethene	96	2.470	2.470	(0.670)	1850	1.00000	1.03		
26 Acrylonitrile	53	2.549	2.549	(0.691)	695	1.00000	1.29		
30 n-Hexane	57	2.604	2.604	(0.706)	2597	1.00000	1.01		
29 Diisopropyl ether	45	2.799	2.799	(0.759)	6045	1.00000	1.01		
32 Vinyl acetate	43	2.842	2.842	(0.770)	3743	1.00000	1.02		
31 1,1-Dichloroethane	63	2.811	2.812	(0.762)	3357	1.00000	1.02		
33 Chloroprene	53	2.842	2.848	(0.770)	2734	1.00000	0.995		
34 Ethyl-tert-butyl ether	59	3.074	3.068	(0.833)	5985	1.00000	0.977 (Q)		
36 2,2-Dichloropropane	77	3.226	3.226	(0.874)	3390	1.00000	1.10		
35 cis-1,2-Dichloroethene	96	3.257	3.257	(0.883)	1994	1.00000	0.940		
39 Ethyl acetate	61	3.257	3.257	(0.883)	2829	1.00000	0.932 (Q)		
37 2-Butanone (MEK)	43	3.305	3.293	(0.896)	1676	1.00000	0.935		
41 Bromochloromethane	128	3.452	3.452	(0.936)	852	1.00000	0.929		
42 Tetrahydrofuran	42	3.464	3.464	(0.939)	431	1.00000	1.00 (QM)	NI	
43 Chloroform	83	3.506	3.507	(0.950)	3444	1.00000	1.00		
38 Propionitrile	54	Compound Not Detected.							(D)
46 Cyclohexane	56	3.592	3.592	(0.974)	3221	1.00000	0.925		
45 1,1,1-Trichloroethane	97	3.616	3.616	(0.839)	3335	1.00000	1.06		
* 44 Pentafluorobenzene (IS)	168	3.689	3.690	(1.000)	240021	50.0000			
48 Carbon tetrachloride	117	3.708	3.720	(0.860)	3956	1.00000	1.34 (QM)	GT	
47 1,1-Dichloropropene	75	3.750	3.757	(0.870)	2906	1.00000	1.07		
55 2,2,4-Trimethylpentane	57	3.909	3.909	(1.059)	4455	1.00000	0.885 (QM)	NI	
51 Benzene	78	3.927	3.927	(0.911)	7570	1.00000	1.00		
40 Methacrylonitrile	67	3.494	3.488	(0.947)	907	1.00000	1.27 (Q)		
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.917)	158987	50.0000	50.1		
56 tert-Amylmethyl ether	73	4.006	4.007	(1.086)	5201	1.00000	0.942		
52 1,2-Dichloroethane	62	4.019	4.019	(1.089)	2650	1.00000	0.992 (Q)		
57 n-Heptane	43	4.086	4.086	(1.107)	2429	1.00000	0.934 (QH)		
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.317	(1.000)	420531	50.0000			
59 Trichloroethene	95	4.512	4.513	(1.047)	2067	1.00000	0.974		
60 Methylcyclohexane	83	4.610	4.610	(1.069)	3965	1.00000	1.01		
49 Isobutanol	43	3.909	3.909	(1.059)	1161	5.00000	5.11 (Q)		
53 tert-Amyl Alcohol	59	Compound Not Detected.							(D)
54 tert-Amyl ethyl ether	59	4.720	4.720	(1.279)	4680	1.00000	0.981		
61 1,2-Dichloropropane	63	4.781	4.775	(1.109)	1967	1.00000	1.02 (TQM)	NI	
63 Methyl methacrylate	69	4.878	4.878	(1.131)	1555	1.00000	1.25 (Q)		
64 1,4-Dioxane (p-Dioxane)	88	Compound Not Detected.							(D)
62 Dibromomethane	93	4.890	4.890	(1.134)	1227	1.00000	1.04		
65 Bromodichloromethane	83	5.043	5.043	(1.170)	2738	1.00000	1.02 (Q)		
66 2-Nitropropane	43	5.378	5.378	(1.247)	763	1.00000	0.748 (Q)		
67 2-Chloroethylvinyl ether	63	5.378	5.384	(1.247)	708	1.00000	0.862		
68 cis-1,3-Dichloropropene	75	5.512	5.512	(1.279)	3108	1.00000	0.974		
69 4-Methyl-2-pentanone (MIBK)	43	5.689	5.683	(1.320)	1432	1.00000	1.04 (Q)		
\$ 70 Toluene-d8 (S)	98	5.732	5.732	(0.771)	521121	50.0000	50.1		
71 Toluene	91	5.799	5.805	(1.345)	8971	1.00000	1.01		
72 Methyl isothiocyanate	73	6.030	6.037	(1.399)	2617	2.50000	2.47 (Q)		
74 trans-1,3-Dichloropropene	75	6.152	6.152	(1.427)	2778	1.00000	0.956		
75 Ethyl methacrylate	69	6.207	6.207	(1.440)	2166	1.00000	0.953		
76 1,1,2-Trichloroethane	83	6.347	6.354	(1.472)	1598	1.00000	1.08		
77 Tetrachloroethene	166	6.366	6.366	(0.856)	1830	1.00000	0.949		
78 1,3-Dichloropropane	76	6.542	6.543	(0.880)	2706	1.00000	0.970		

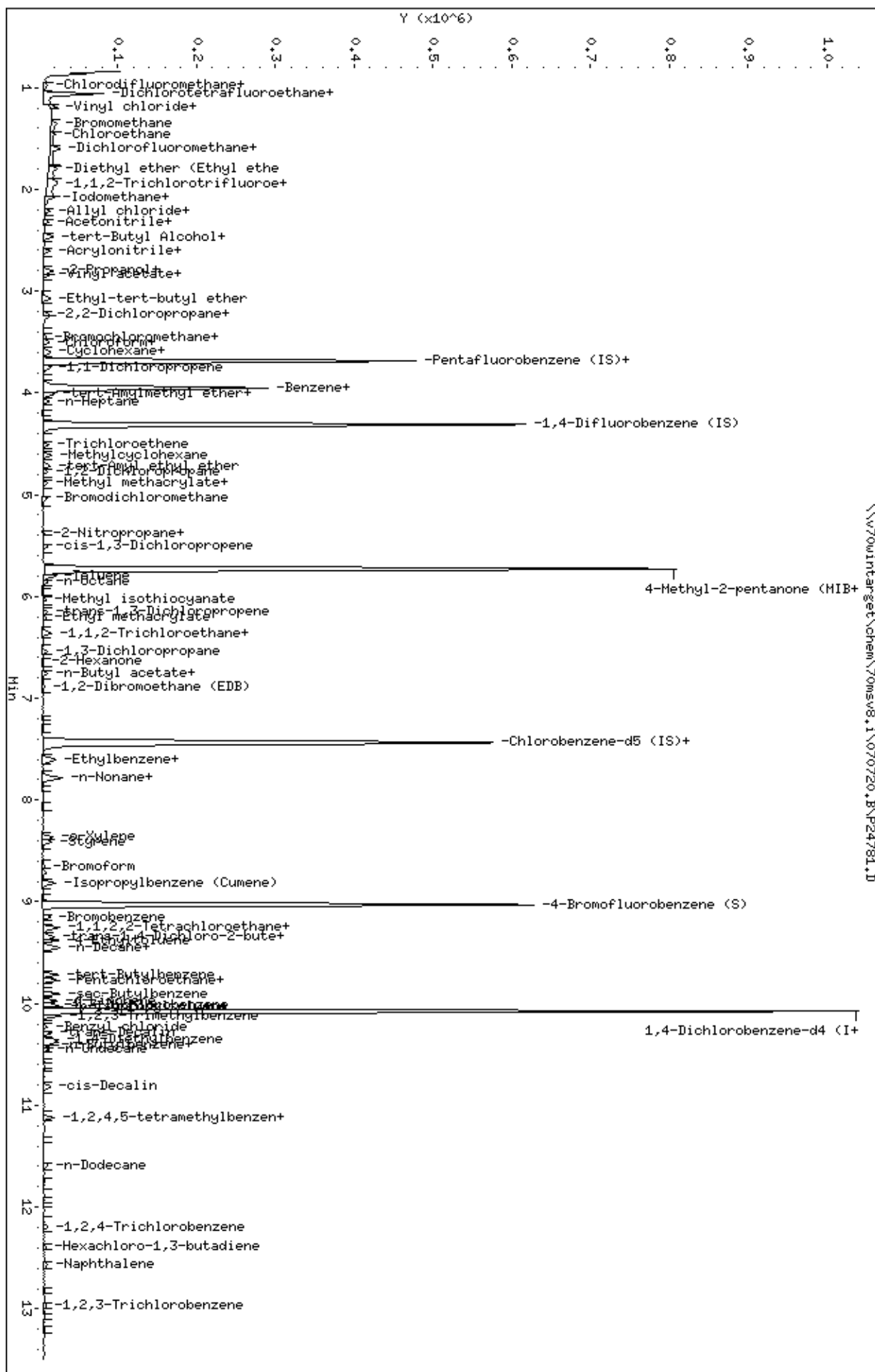
Compounds	QUANT SIG		AMOUNTS					REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	1040	1.00000	1.11 (Q)	
73 n-Octane	43	5.860	5.866	(1.359)	2241	1.00000	0.919 (TQ)	
81 n-Butyl acetate	43	6.762	6.634	(1.568)	2486	1.00000	1.19	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	1591	1.00000	0.921 (Q)	
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.597)	1653	1.00000	0.998	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	209358	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.006)	5222	1.00000	0.966	
86 Ethylbenzene	106	7.609	7.603	(1.024)	3084	1.00000	0.962	
85 1,1,1,2-Tetrachloroethane	131	7.622	7.616	(1.025)	1670	1.00000	0.924 (M)	LT
88 n-Nonane	43	7.768	7.768	(1.045)	1526	1.00000	0.901 (TQ)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	7624	2.00000	1.96	
89 o-Xylene	106	8.371	8.372	(1.126)	3570	1.00000	0.952	
90 Styrene	104	8.414	8.414	(1.132)	5950	1.00000	0.949	
91 Bromoform	173	8.652	8.652	(1.164)	815	1.00000	0.901	
92 Isopropylbenzene (Cumene)	105	8.816	8.817	(0.875)	10208	1.00000	0.991	
\$ 93 4-Bromofluorobenzene (S)	95	9.030	9.024	(1.215)	200652	50.0000	49.7	
94 Bromobenzene	156	9.152	9.152	(0.909)	2095	1.00000	0.957	
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	1970	1.00000	1.01 (Q)	
98 n-Propylbenzene	91	9.255	9.256	(0.919)	11817	1.00000	0.955	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	690	1.00000	1.18 (Q)	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	772	1.00000	1.34 (Q)	
103 n-Decane	43	9.426	9.426	(1.268)	1511	1.00000	1.02 (T)	
99 2-Chlorotoluene	91	9.341	9.347	(0.927)	7454	1.00000	1.01	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	9907	1.00000	0.940	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	7887	1.00000	0.923	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	8350	1.00000	0.996	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	6673	1.00000	0.922	
105 Pentachloroethane	167	9.761	9.755	(0.969)	956	1.00000	0.828	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	7992	1.00000	0.938	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	10205	1.00000	0.939	
109 d-Limonene	136	9.975	9.975	(1.342)	476	1.00000	1.21	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	8771	1.00000	0.949	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	3788	1.00000	0.908	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	181577	50.0000	(Q)	
112 1,4-Dichlorobenzene	146	10.091	10.097	(1.002)	3990	1.00000	0.935 (Q)	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	8455	1.00000	0.966	
114 Benzyl chloride	91	10.231	10.231	(1.016)	3309	1.00000	0.935	
115 trans-Decalin	138	10.292	10.298	(1.022)	1206	1.00000	0.841 (Q)	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	4654	1.00000	0.915	
117 n-Butylbenzene	91	10.383	10.377	(1.031)	9462	1.00000	0.932	
119 n-Undecane	43	10.450	10.450	(1.038)	1567	1.00000	687 (TA)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	3621	1.00000	0.935	
120 cis-Decalin	138	10.822	10.822	(1.074)	983	1.00000	0.881 (Q)	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	6844	1.00000	0.898 (Q)	
122 1,2-Dibromo-3-chloropropane	75	11.206	11.212	(1.113)	412	1.00000	1.25 (Q)	
123 n-Dodecane	43	11.590	11.590	(1.151)	1560	1.00000	427 (TA)	
124 1,2,4-Trichlorobenzene	180	12.194	12.200	(1.211)	1706	1.00000	0.860	
125 Hexachloro-1,3-butadiene	225	12.389	12.389	(1.230)	671	1.00000	0.831 (QM)	NI
126 Naphthalene	128	12.572	12.566	(1.248)	4425	1.00000	0.963 (Q)	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	1299	1.00000	0.862 (Q)	

QC Flag Legend

- T - Target compound detected outside RT window.
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.
- D - User disabled compound identification.

Review Codes Legend

- :
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).
- NI: Indicates that the peak was not integrated at all by the computer software.
- LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).



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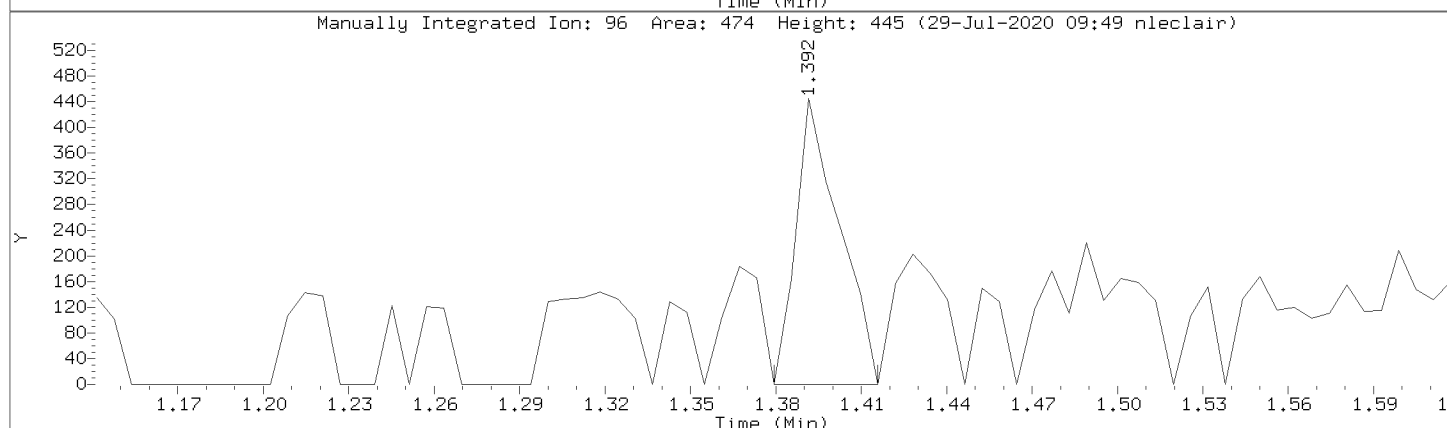
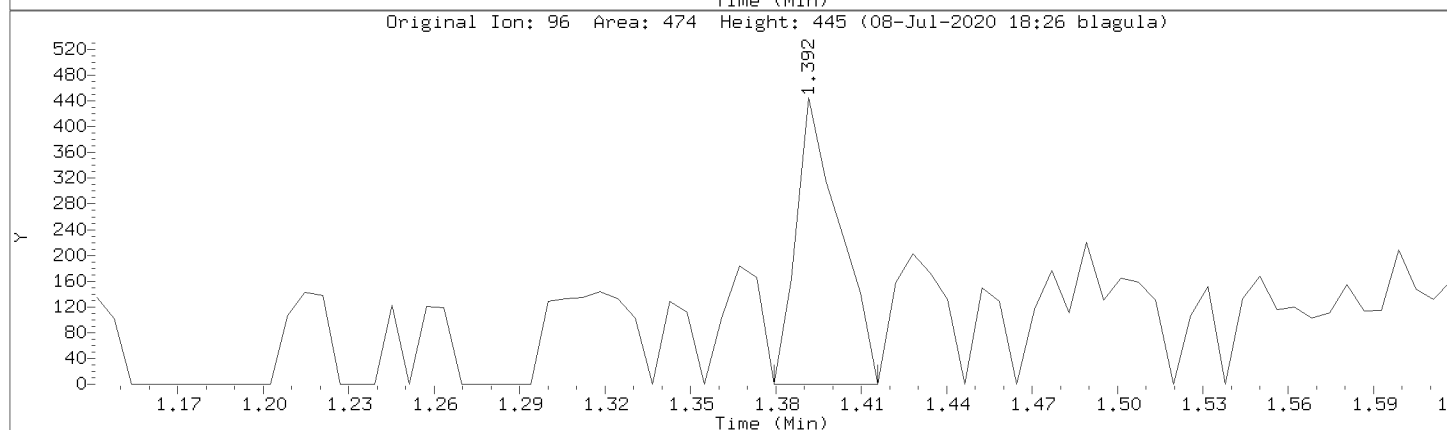
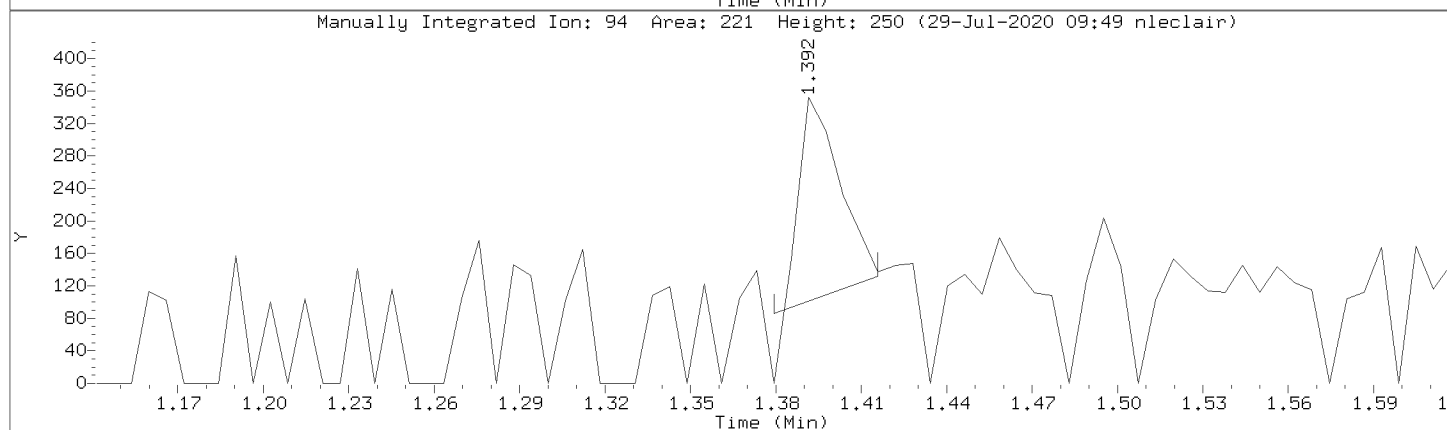
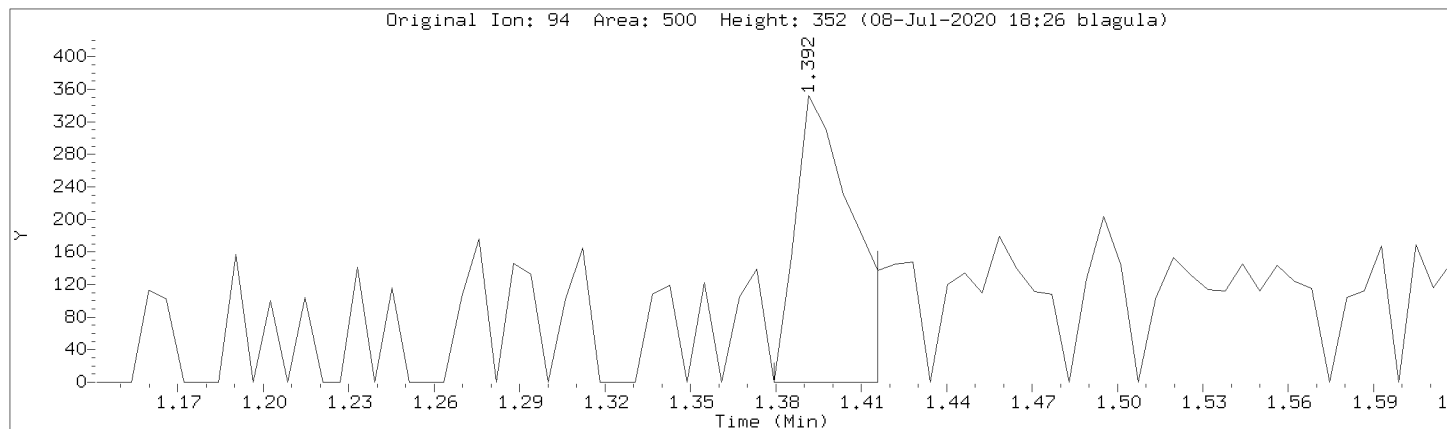
Instrument: 70msv8.i

Lab Sample ID: CAL2

Compound: Bromomethane

Review Code: GT

CAS Number: 74-83-9



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24781.D

Injection Date: 07-JUL-2020 17:13

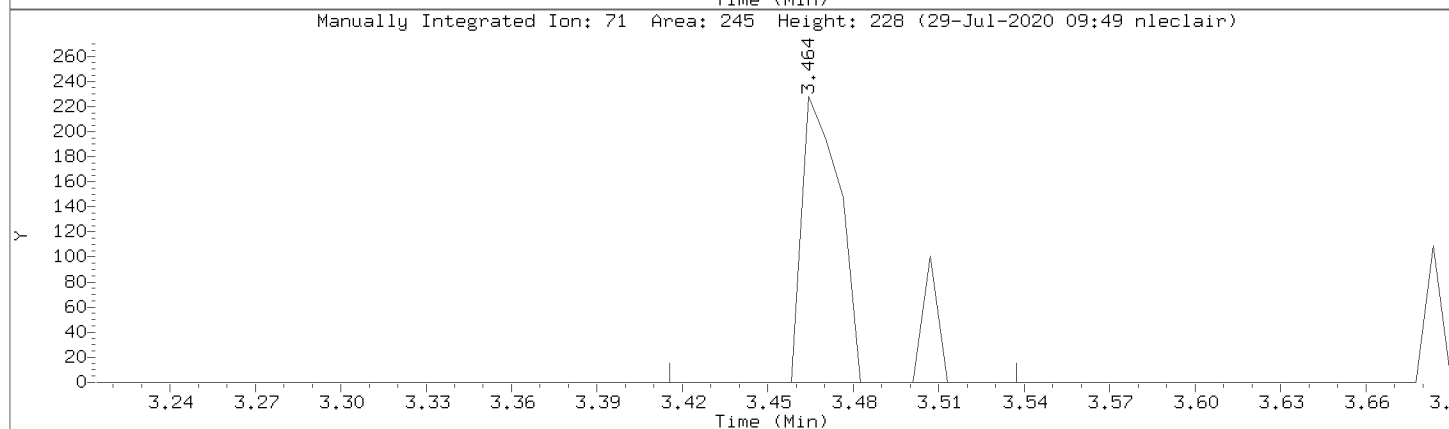
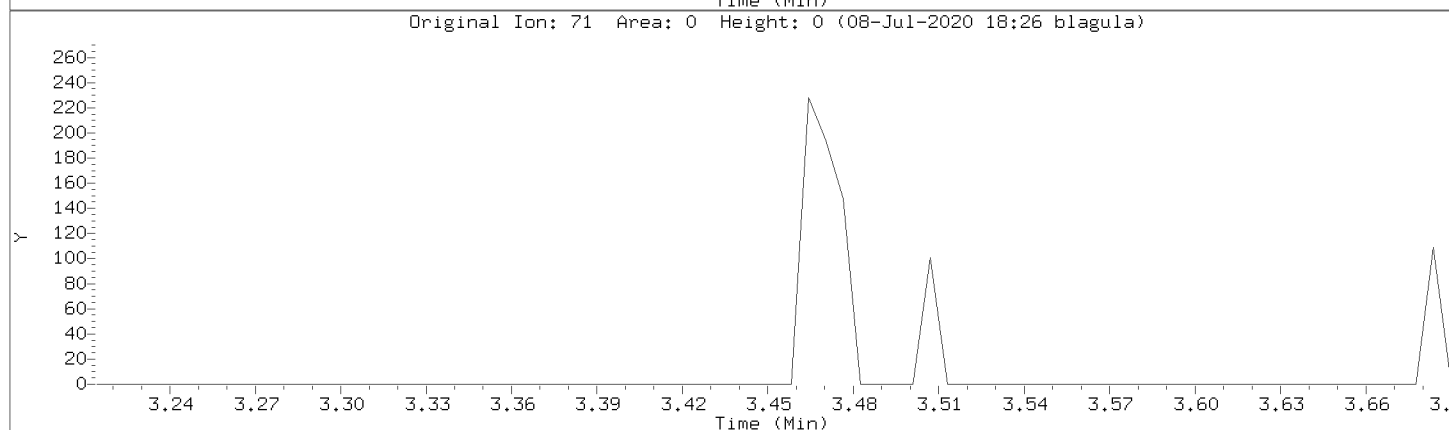
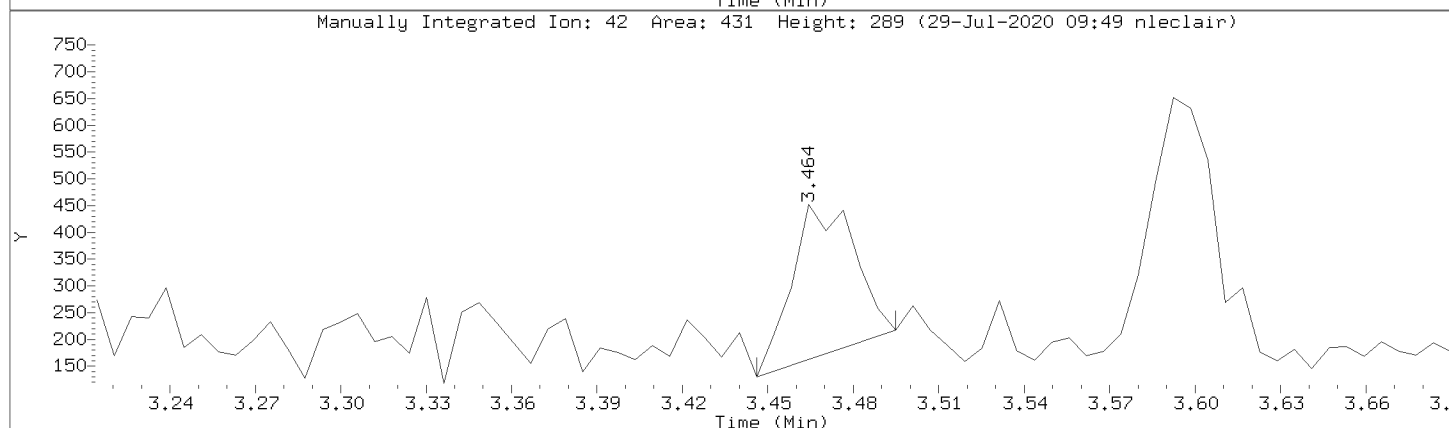
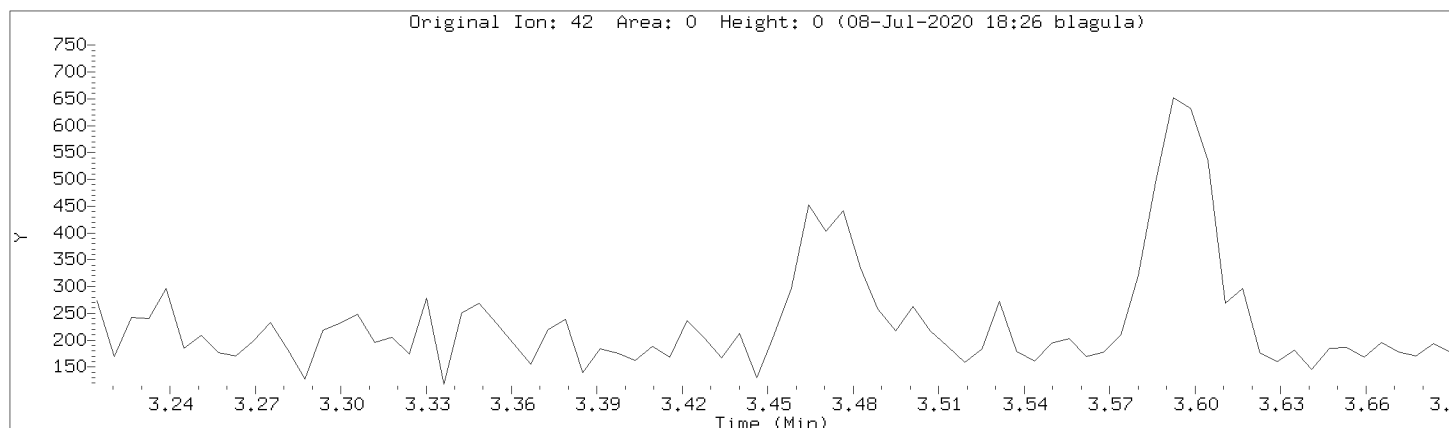
Instrument: 70msv8.i

Lab Sample ID: CAL2

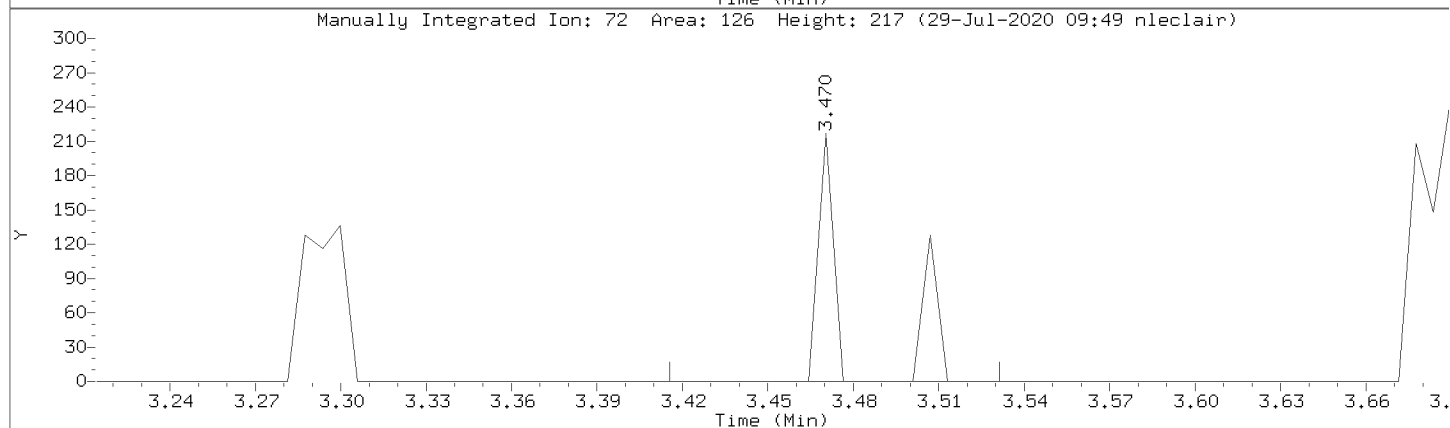
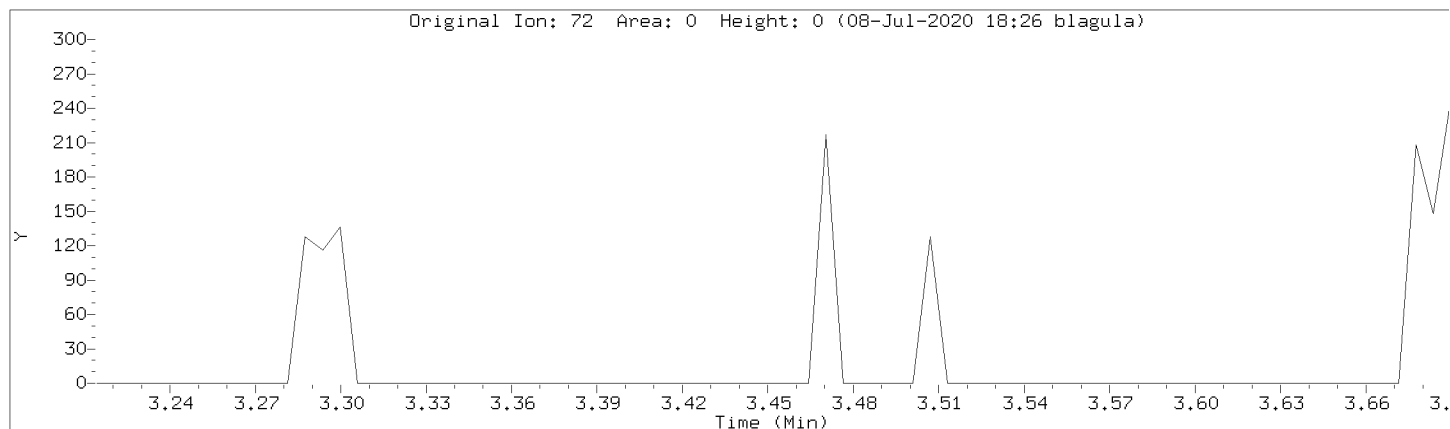
Compound: Tetrahydrofuran

Review Code: NI

CAS Number: 109-9-9



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24781.D
Injection Date: 07-JUL-2020 17:13
Instrument: 70msv8.i
Lab Sample ID: CAL2



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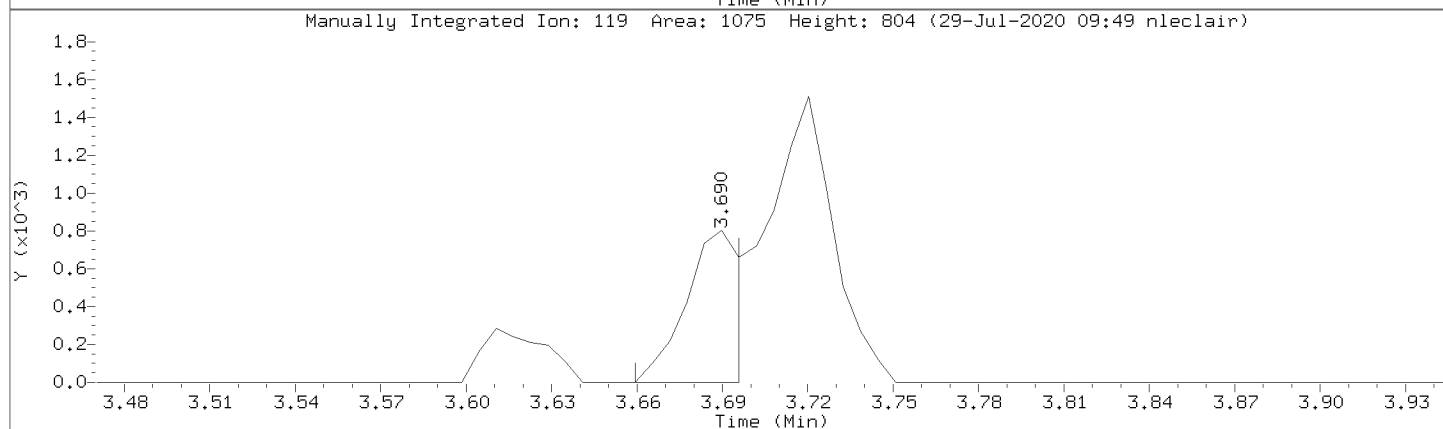
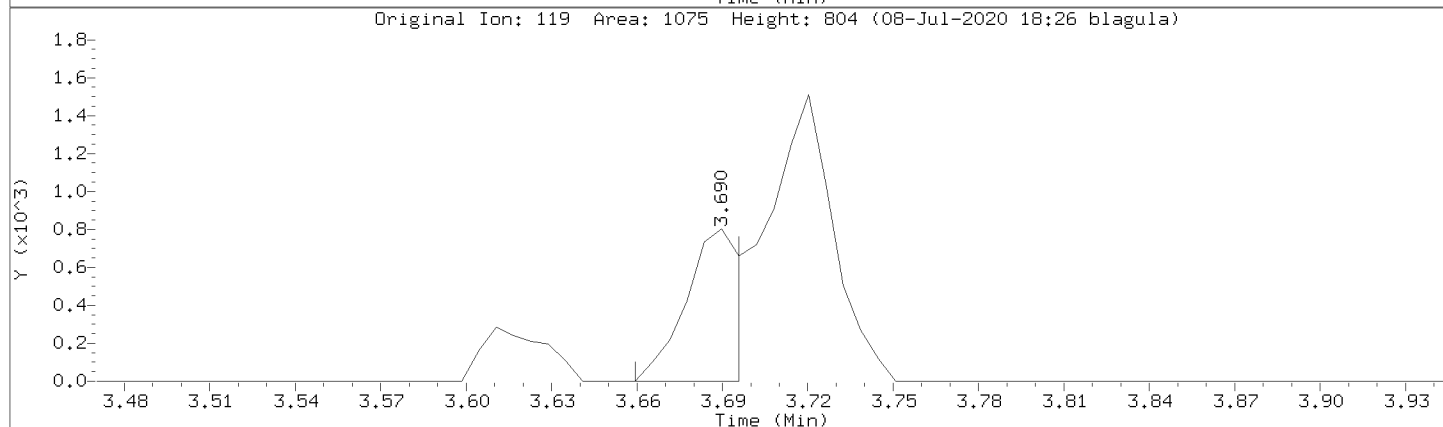
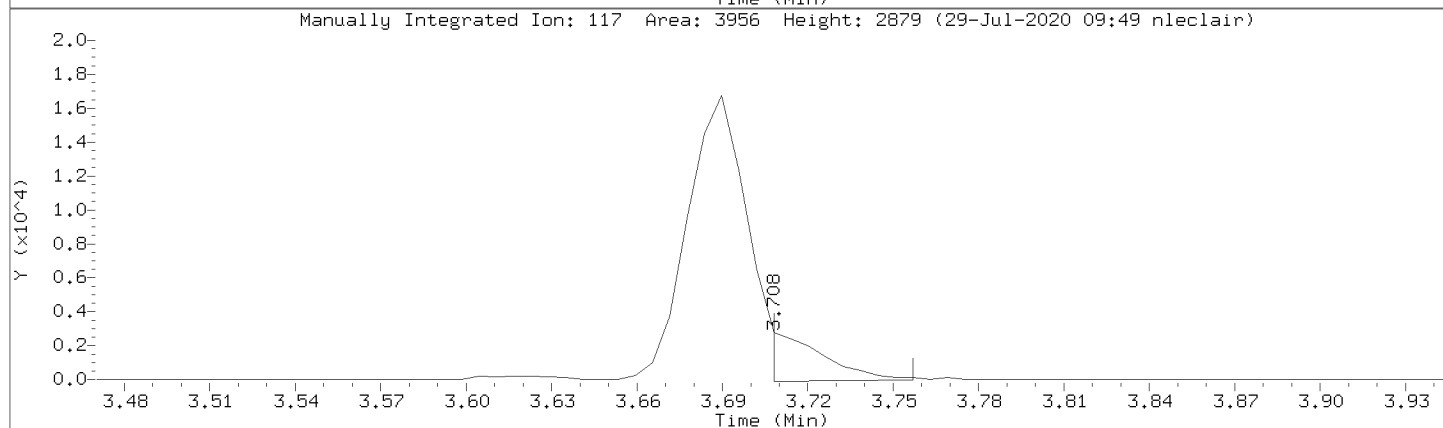
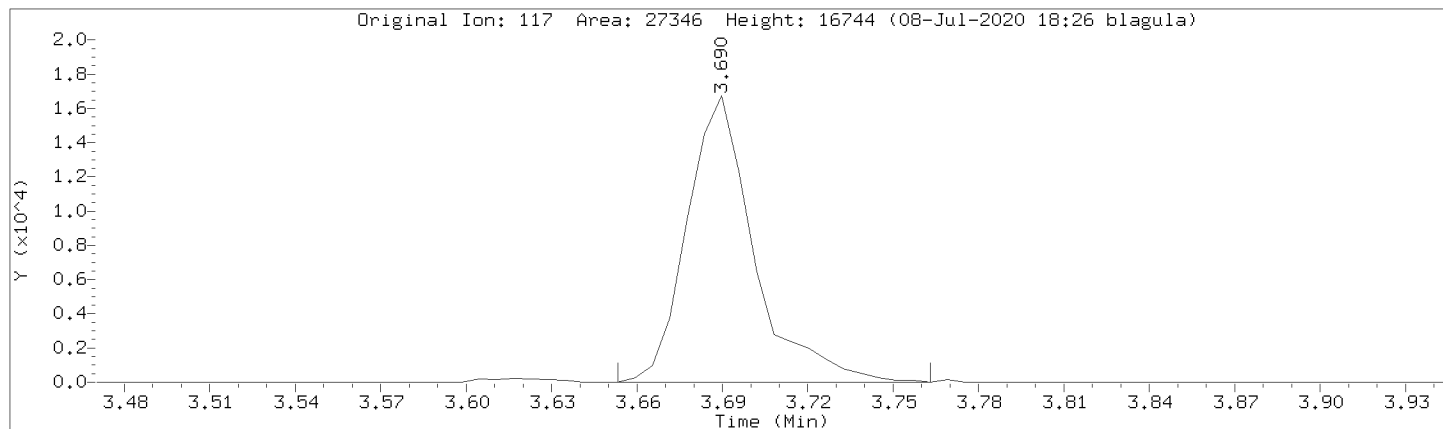
Instrument: 70msv8.i

Lab Sample ID: CAL2

Compound: Carbon tetrachloride

Review Code: GT

CAS Number: 56-23-5



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Injection Date: 07-JUL-2020 17:13

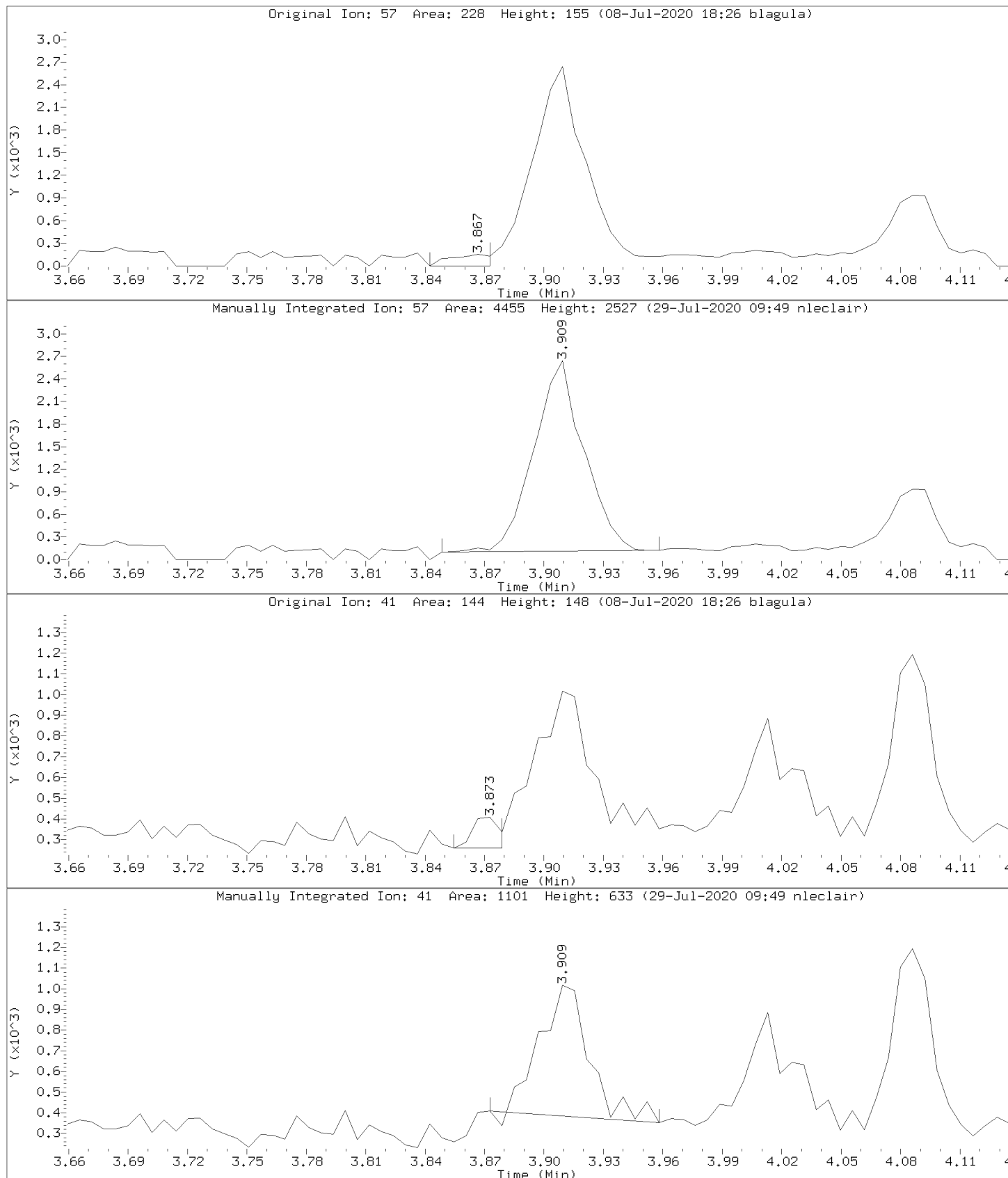
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Lab Sample ID: CAL2

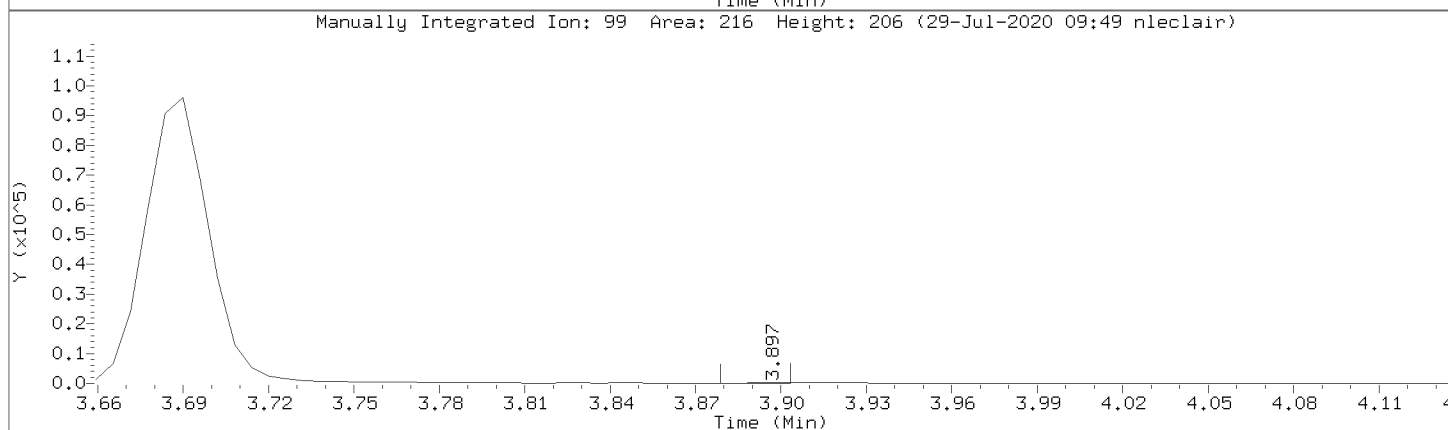
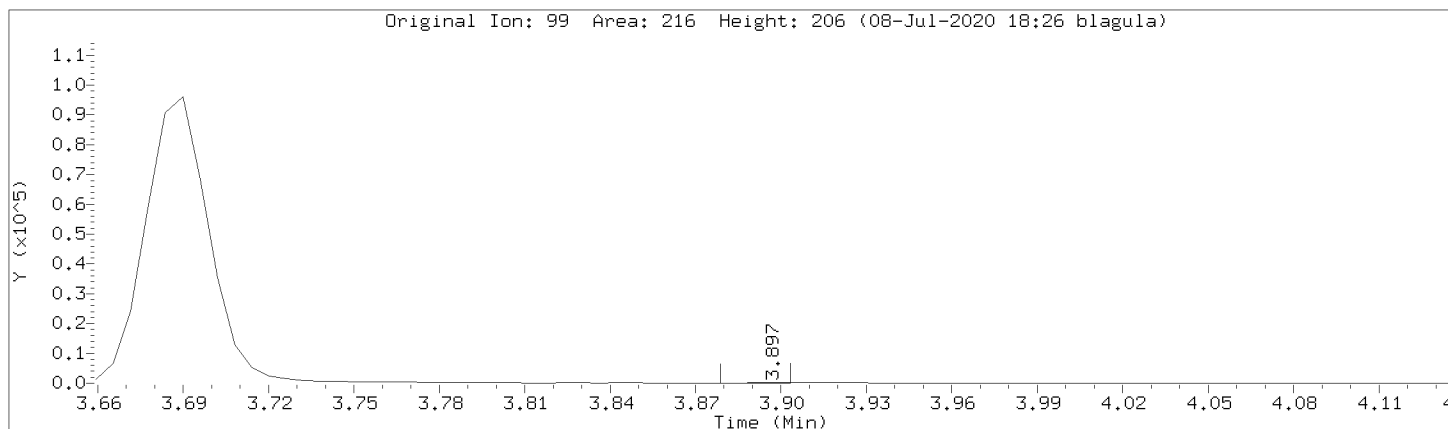
Compound: 2,2,4-Trimethylpentane

Review Code: NI

CAS Number:



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24781.D
Injection Date: 07-JUL-2020 17:13
Instrument: 70msv8.i
Lab Sample ID: CAL2



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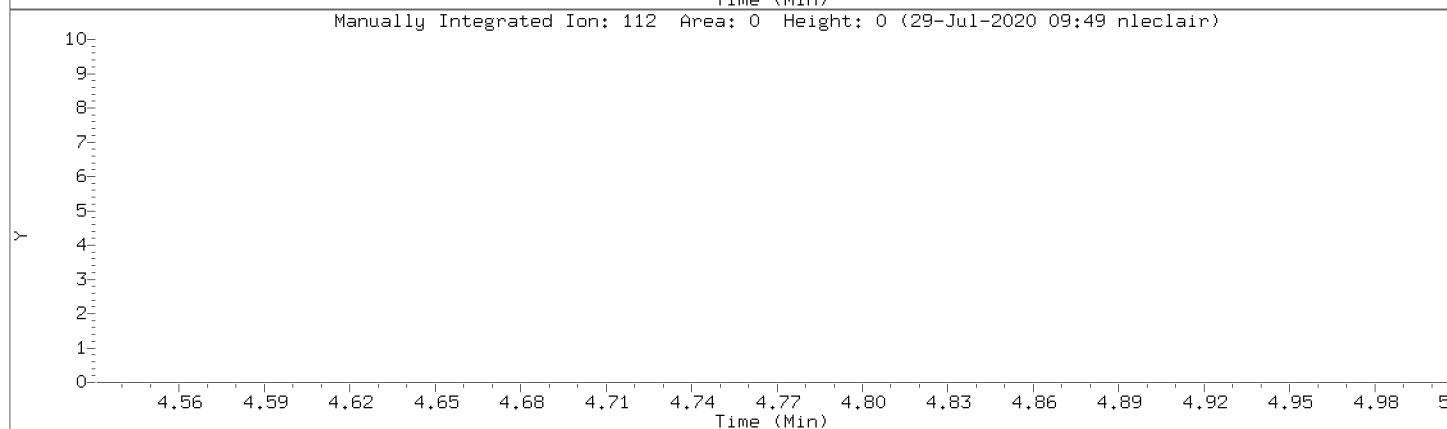
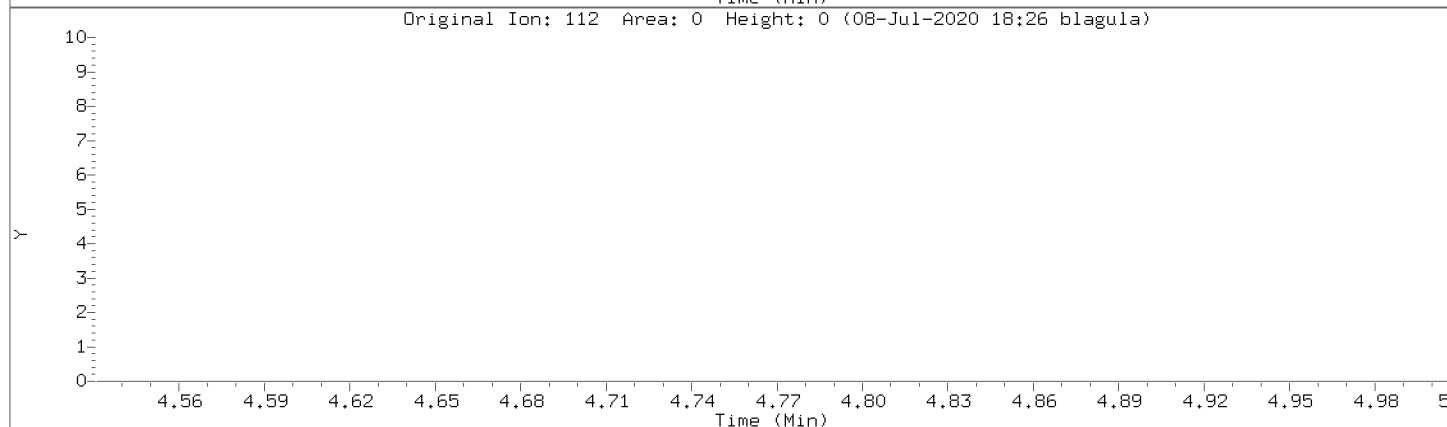
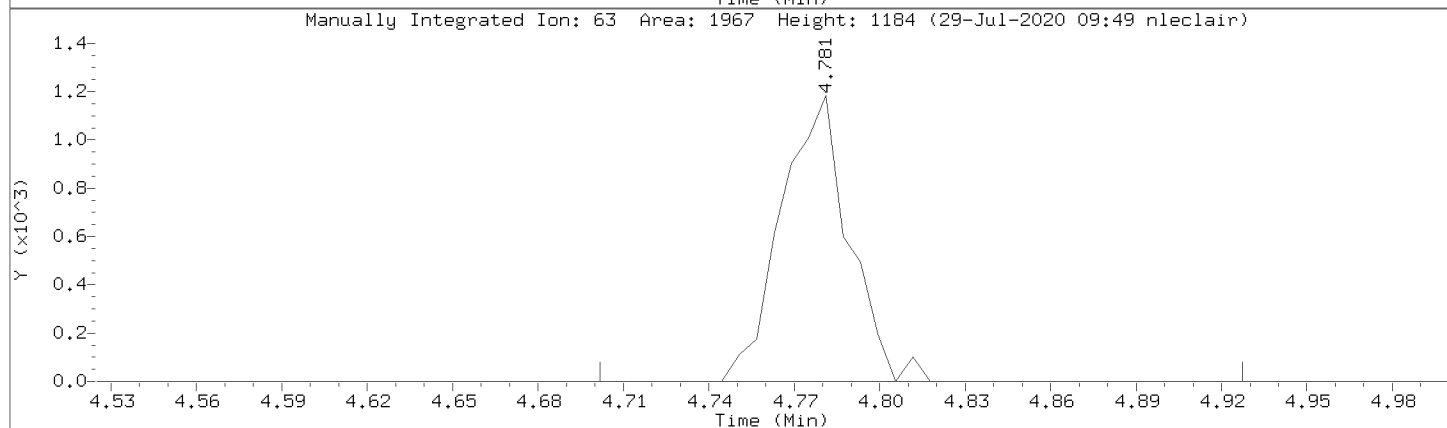
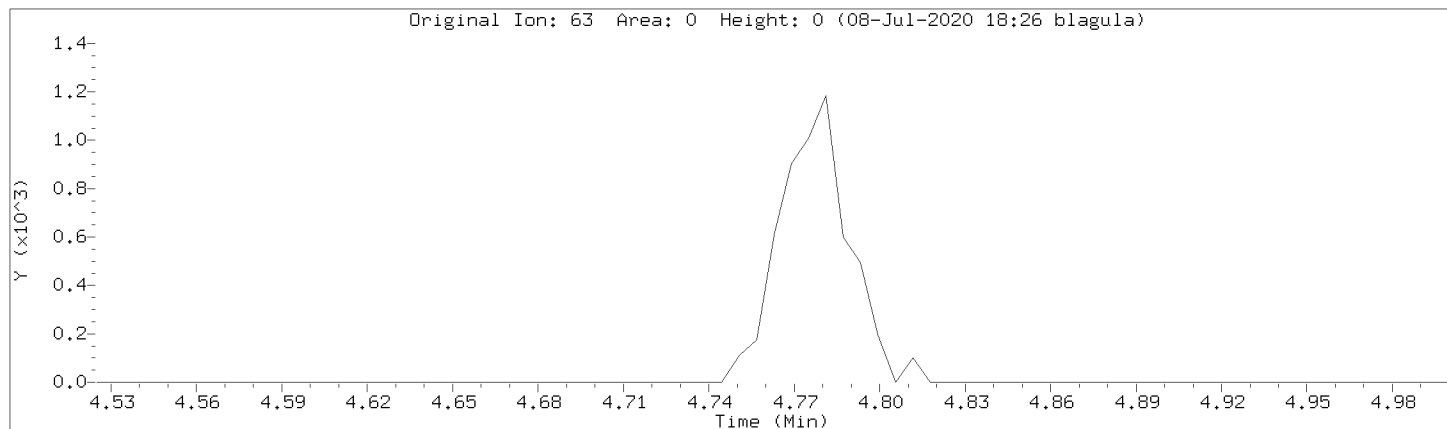
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Lab Sample ID: CAL2

Compound: 1,2-Dichloropropane

Review Code: NI

CAS Number: 78-87-5



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Injection Date: 07-JUL-2020 17:13

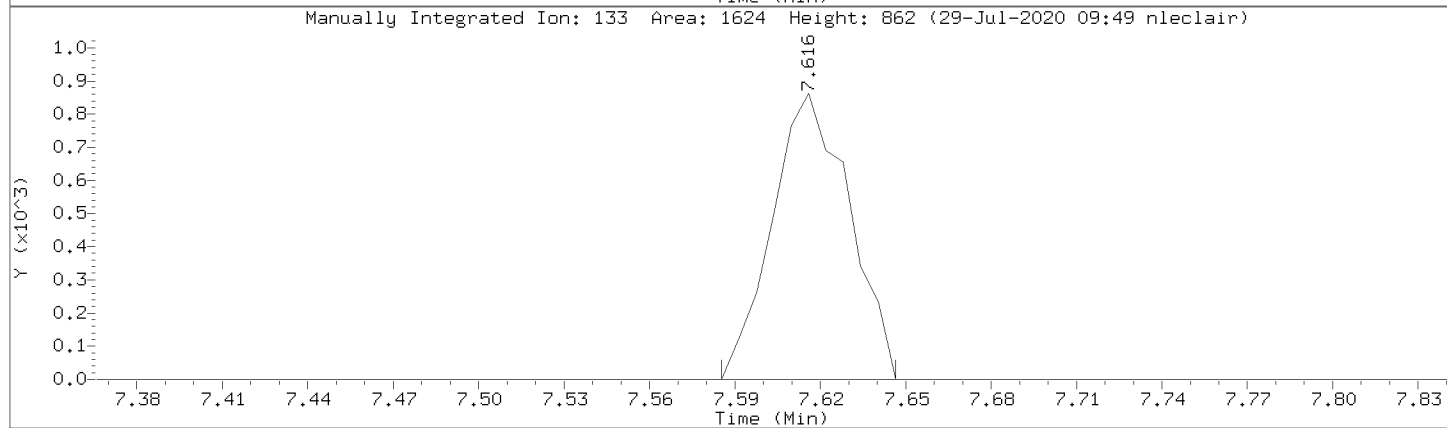
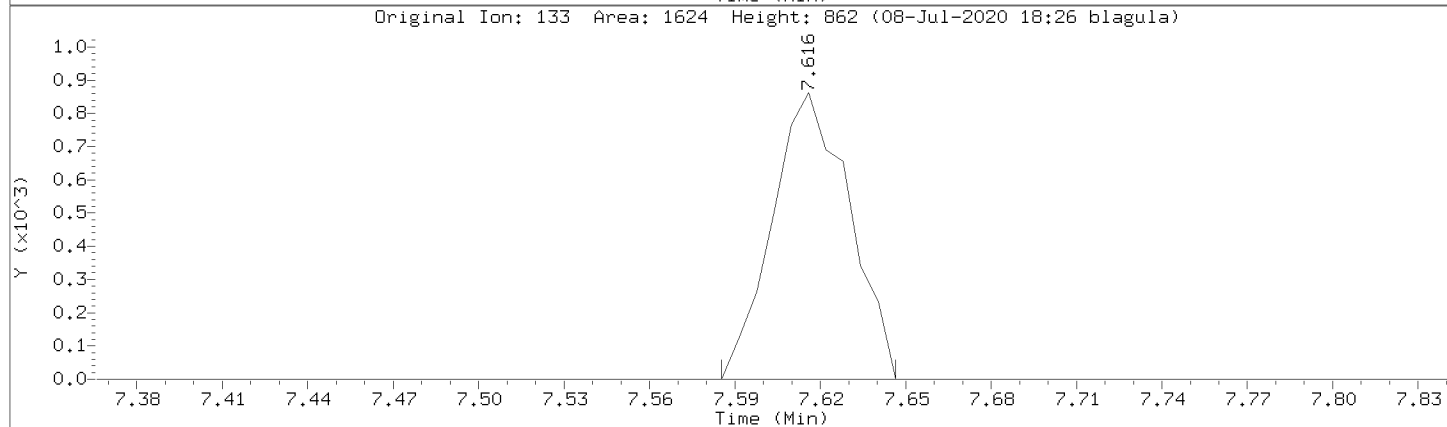
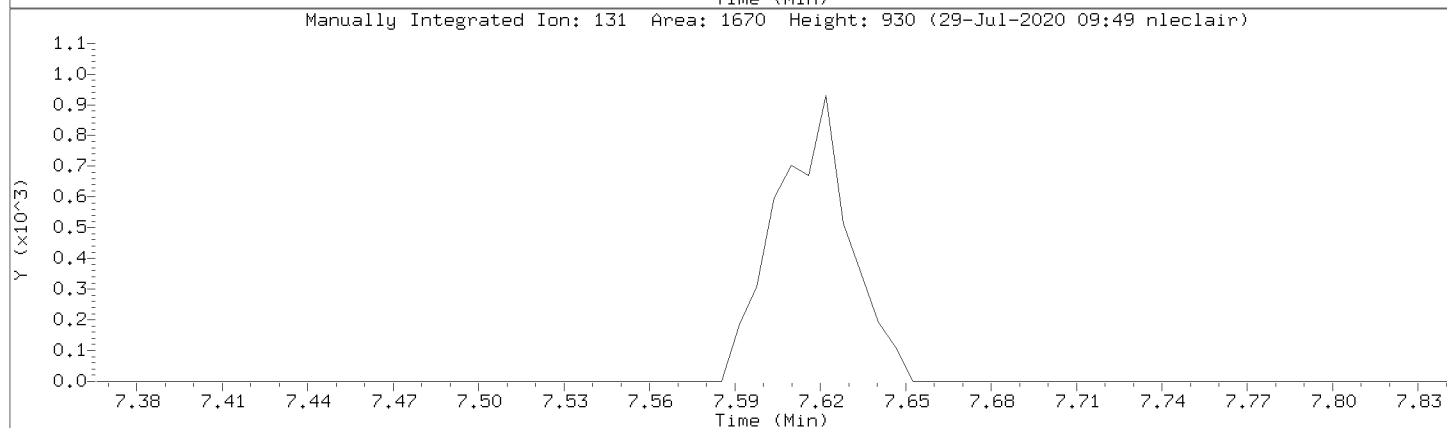
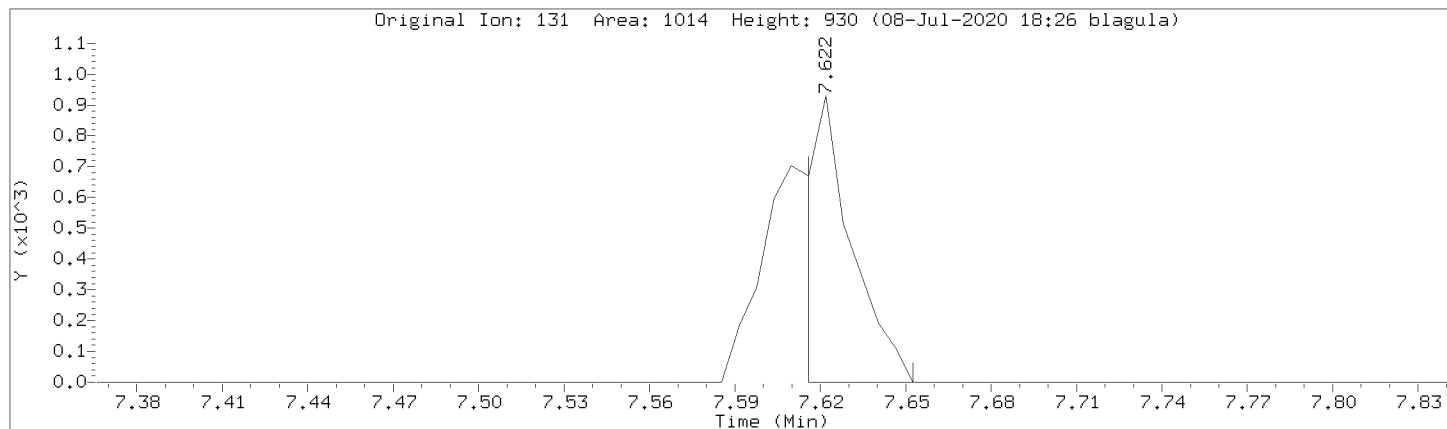
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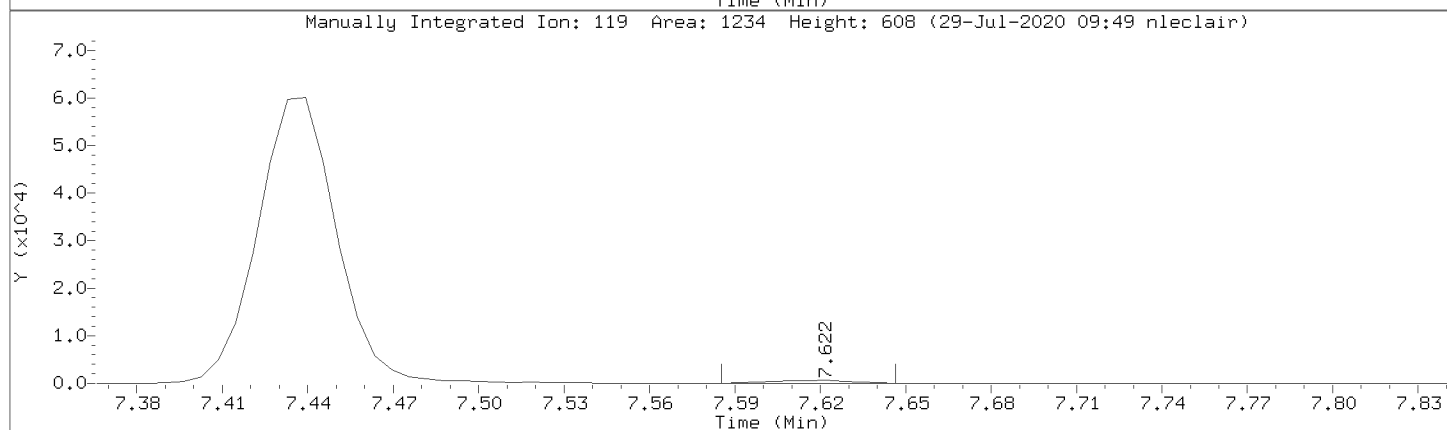
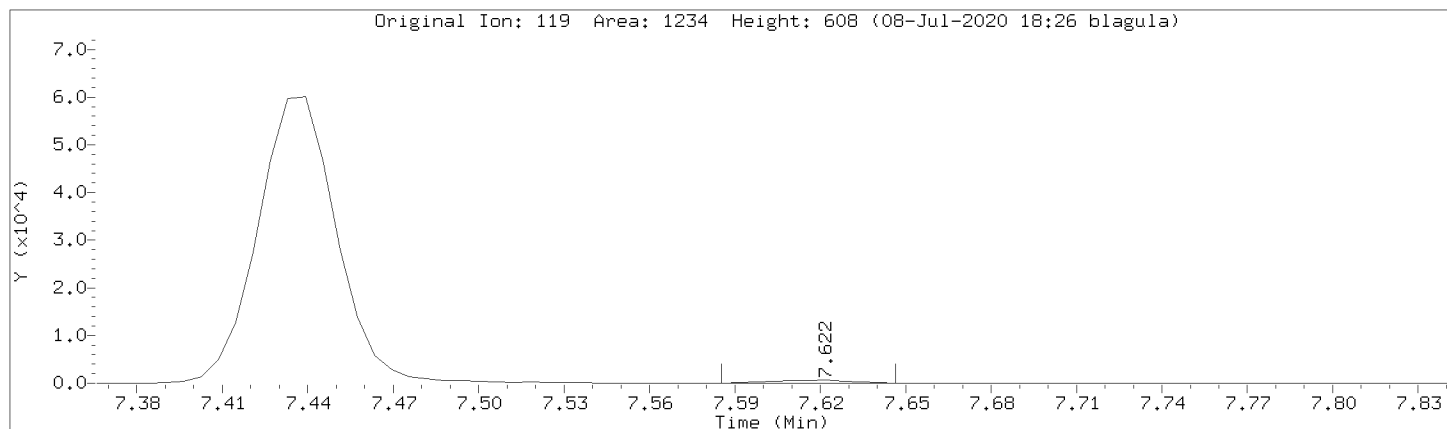
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Review Code: LT

CAS Number: 630-20-6

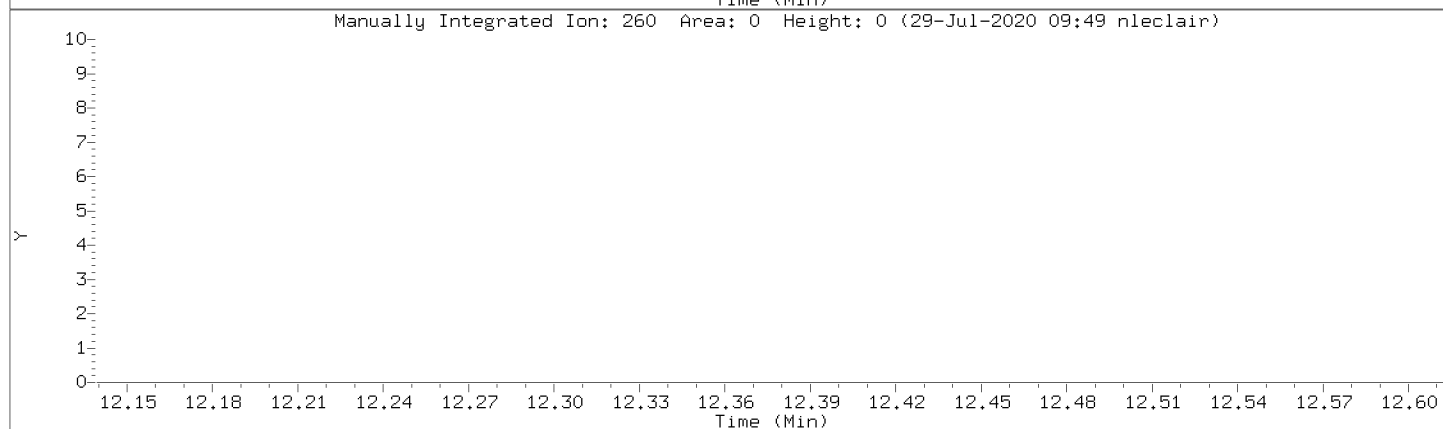
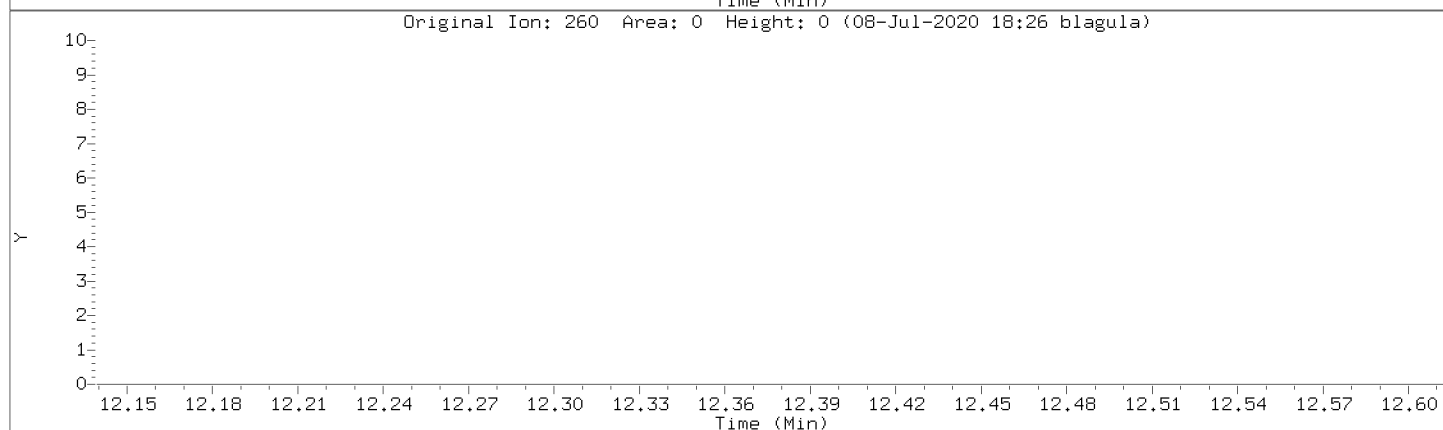
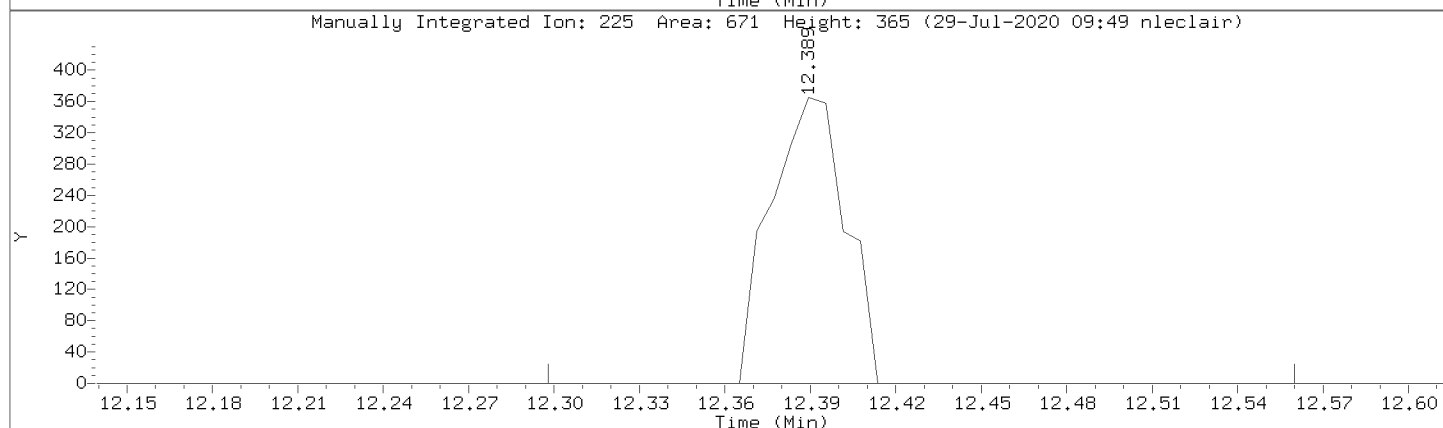
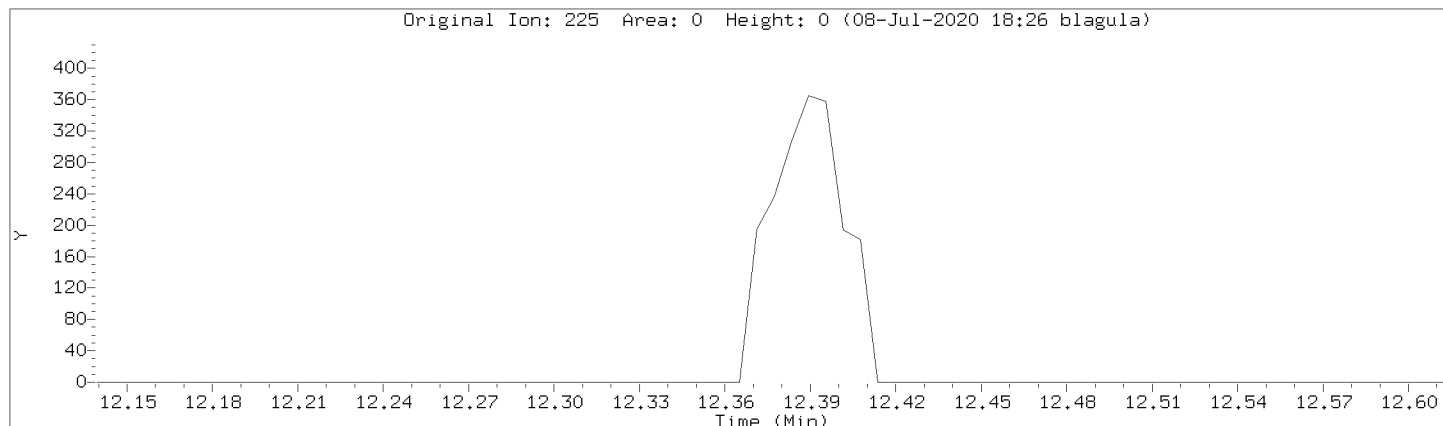


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Injection Date: 07-JUL-2020 17:13
Instrument: 70msv8.i
Lab Sample ID: CAL2



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24781.D
Injection Date: 07-JUL-2020 17:13
Instrument: 70msv8.i
Lab Sample ID: CAL2

Compound: Hexachloro-1,3-butadiene Review Code: NI
CAS Number: 87-68-3



Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24782.D
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 Operator : GKB Inst ID: 70msv8.i
 Smp Info : cal3, 93563:1
 Misc Info : 9446,
 Comment :
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 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 17:36 Cal File: P24782.D
 Als bottle: 6 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	7465	4.00000	3.99(Q)	
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	3578	4.00000	3.70	
3 Dichlorodifluoromethane	85		0.976	0.977	(0.265)	7007	4.00000	3.87(Q)	
4 Chloromethane	50		1.111	1.111	(0.301)	4520	4.00000	3.70	
5 Vinyl chloride	62		1.172	1.172	(0.318)	5430	4.00000	3.91(Q)	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	5661	4.00000	4.03	
7 Acetaldehyde	44		1.263	1.263	(0.342)	563	4.00000	3.16(QM)	
8 Bromomethane	94		1.391	1.391	(0.377)	1111	4.00000	4.25	
9 Chloroethane	64		1.464	1.464	(0.397)	4642	4.00000	4.16	
10 Dichlorofluoromethane	67		1.604	1.605	(0.435)	10962	4.00000	3.87	
11 Trichlorofluoromethane	101		1.598	1.598	(0.433)	10508	4.00000	4.03	
12 Ethanol	45		1.787	1.787	(0.484)	1191	100.000	133(QM)	GT
13 Diethyl ether (Ethyl ether)	59		1.799	1.800	(0.488)	5959	4.00000	4.11	
16 1,1,2-Trichlorotrifluoroethane	101		1.927	1.928	(0.522)	6446	4.00000	3.90	
14 Acrolein	56		1.934	1.934	(0.524)	1182	4.00000	4.67	
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	6089	4.00000	3.90(M)	LT
17 Acetone	43		2.043	2.043	(0.554)	2826	4.00000	3.66	
18 Iodomethane	142		2.068	2.068	(0.561)	783	4.00000	5.82(Q)	
19 2-Propanol	45		2.799	2.799	(0.759)	23118	100.000	98.5	
20 Carbon disulfide	76		2.086	2.086	(0.565)	19024	4.00000	4.01(Q)	
21 Allyl chloride	76		2.214	2.214	(0.600)	4179	4.00000	4.04	
22 Acetonitrile	41		2.287	2.281	(0.620)	3287	20.0000	19.7	
23 Methyl acetate	43		2.238	2.239	(0.607)	4466	4.00000	3.91	

Compounds	QUANT SIG	AMOUNTS						REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	
24 Methylene Chloride	84	2.324	2.318	(0.630)	7678	4.00000	4.27	
25 tert-Butyl Alcohol	59	2.403	2.403	(0.651)	2496	20.0000	20.1 (Q)	
28 Methyl-tert-butyl ether	73	2.464	2.458	(0.668)	21874	4.00000	4.00	
27 trans-1,2-Dichloroethene	96	2.470	2.470	(0.670)	6889	4.00000	3.92	
26 Acrylonitrile	53	2.549	2.549	(0.691)	2238	4.00000	4.22	
30 n-Hexane	57	2.604	2.604	(0.706)	9738	4.00000	3.86	
29 Diisopropyl ether	45	2.799	2.799	(0.759)	23118	4.00000	3.94	
32 Vinyl acetate	43	2.842	2.842	(0.770)	13696	4.00000	3.78	
31 1,1-Dichloroethane	63	2.811	2.812	(0.762)	12987	4.00000	4.00	
33 Chloroprene	53	2.848	2.848	(0.772)	11123	4.00000	4.11	
34 Ethyl-tert-butyl ether	59	3.074	3.068	(0.833)	23425	4.00000	3.88	
36 2,2-Dichloropropane	77	3.232	3.226	(0.876)	12355	4.00000	4.09	
35 cis-1,2-Dichloroethene	96	3.256	3.257	(0.883)	8603	4.00000	4.12	
39 Ethyl acetate	61	3.256	3.257	(0.883)	12189	4.00000	4.08 (Q)	
37 2-Butanone (MEK)	43	3.299	3.293	(0.894)	6934	4.00000	3.93	
41 Bromochloromethane	128	3.452	3.452	(0.936)	3792	4.00000	4.20	
42 Tetrahydrofuran	42	3.464	3.464	(0.939)	1718	4.00000	4.05	
43 Chloroform	83	3.506	3.507	(0.950)	13633	4.00000	4.04	
38 Propionitrile	54	3.403	3.403	(0.922)	998	4.00000	4.90 (Q)	
46 Cyclohexane	56	3.592	3.592	(0.974)	13949	4.00000	4.07	
45 1,1,1-Trichloroethane	97	3.616	3.616	(0.838)	12095	4.00000	3.88	
* 44 Pentafluorobenzene (IS)	168	3.689	3.690	(1.000)	236240	50.0000		
48 Carbon tetrachloride	117	3.714	3.720	(0.860)	10487	4.00000	3.61 (H)	
47 1,1-Dichloropropene	75	3.756	3.757	(0.870)	10800	4.00000	4.03	
55 2,2,4-Trimethylpentane	57	3.909	3.909	(1.059)	19441	4.00000	3.92	
51 Benzene	78	3.927	3.927	(0.910)	28630	4.00000	3.86	
40 Methacrylonitrile	67	3.494	3.488	(0.947)	2932	4.00000	4.17	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.951	3.952	(0.915)	159383	50.0000	50.9	
56 tert-Amylmethyl ether	73	4.006	4.007	(1.086)	21657	4.00000	3.98	
52 1,2-Dichloroethane	62	4.019	4.019	(1.089)	10759	4.00000	4.09	
57 n-Heptane	43	4.086	4.086	(1.107)	10086	4.00000	3.94 (H)	
* 58 1,4-Difluorobenzene (IS)	114	4.317	4.317	(1.000)	414633	50.0000		
59 Trichloroethene	95	4.512	4.513	(1.045)	8508	4.00000	4.07	
60 Methylcyclohexane	83	4.610	4.610	(1.068)	15106	4.00000	3.91	
49 Isobutanol	43	3.915	3.909	(1.061)	4353	20.0000	19.5	
53 tert-Amyl Alcohol	59	Compound Not Detected.						(D)
54 tert-Amyl ethyl ether	59	4.720	4.720	(1.279)	18375	4.00000	3.92	
61 1,2-Dichloropropane	63	4.774	4.775	(1.106)	7672	4.00000	4.06 (T)	
63 Methyl methacrylate	69	4.884	4.878	(1.131)	4849	4.00000	3.95	
64 1,4-Dioxane (p-Dioxane)	88	4.902	4.903	(1.136)	1372	100.000	98.9 (QM)	LT
62 Dibromomethane	93	4.890	4.890	(1.133)	4692	4.00000	4.06	
65 Bromodichloromethane	83	5.043	5.043	(1.168)	10573	4.00000	3.99	
66 2-Nitropropane	43	5.372	5.378	(1.244)	4206	4.00000	4.18 (Q)	
67 2-Chloroethylvinyl ether	63	5.384	5.384	(1.247)	3054	4.00000	3.77 (Q)	
68 cis-1,3-Dichloropropene	75	5.512	5.512	(1.277)	12764	4.00000	4.06	
69 4-Methyl-2-pentanone (MIBK)	43	5.689	5.683	(1.318)	5255	4.00000	3.88 (Q)	
\$ 70 Toluene-d8 (S)	98	5.732	5.732	(0.771)	518564	50.0000	49.5	
71 Toluene	91	5.805	5.805	(1.345)	34768	4.00000	3.98	
72 Methyl isothiocyanate	73	6.036	6.037	(1.398)	10089	10.0000	9.64	
74 trans-1,3-Dichloropropene	75	6.152	6.152	(1.425)	10884	4.00000	3.80	
75 Ethyl methacrylate	69	6.207	6.207	(1.438)	9366	4.00000	4.18	
76 1,1,2-Trichloroethane	83	6.347	6.354	(1.470)	5712	4.00000	3.93	
77 Tetrachloroethene	166	6.366	6.366	(0.856)	7465	4.00000	3.84	
78 1,3-Dichloropropane	76	6.542	6.543	(0.880)	10901	4.00000	3.88	

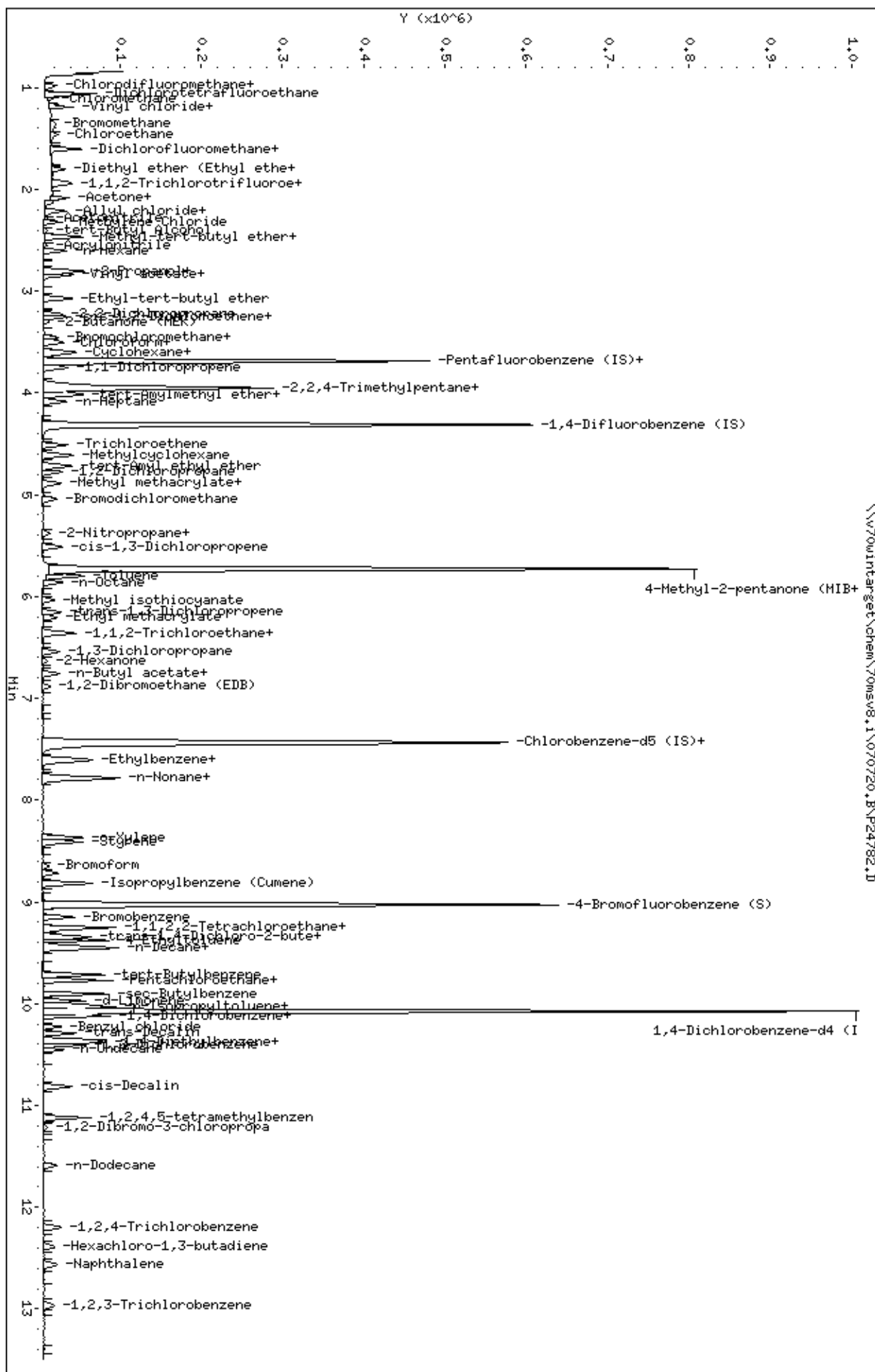
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	3600	4.00000	3.81 (Q)	
73 n-Octane	43	5.866	5.866	(1.359)	9751	4.00000	4.06 (Q)	
81 n-Butyl acetate	43	6.762	6.634	(1.566)	8349	4.00000	4.06	
80 Dibromochloromethane	129	6.750	6.756	(0.908)	6611	4.00000	3.80	
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.594)	6548	4.00000	4.01	
* 83 Chlorobenzene-d5 (IS)	82	7.432	7.433	(1.000)	210692	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.006)	21218	4.00000	3.90 (Q)	
86 Ethylbenzene	106	7.603	7.603	(1.023)	12553	4.00000	3.89	
85 1,1,1,2-Tetrachloroethane	131	7.615	7.616	(1.025)	7113	4.00000	3.91	
88 n-Nonane	43	7.768	7.768	(1.045)	6953	4.00000	4.08 (Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	30475	8.00000	7.80	
89 o-Xylene	106	8.371	8.372	(1.126)	14653	4.00000	3.88	
90 Styrene	104	8.414	8.414	(1.132)	23768	4.00000	3.76	
91 Bromoform	173	8.652	8.652	(1.164)	3301	4.00000	3.62	
92 Isopropylbenzene (Cumene)	105	8.822	8.817	(0.876)	40215	4.00000	3.92	
\$ 93 4-Bromofluorobenzene (S)	95	9.030	9.024	(1.215)	202090	50.0000	49.7	
94 Bromobenzene	156	9.152	9.152	(0.909)	8692	4.00000	3.99	
95 1,1,2,2-Tetrachloroethane	83	9.243	9.249	(0.918)	7768	4.00000	4.00	
98 n-Propylbenzene	91	9.255	9.256	(0.919)	47755	4.00000	3.88	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	2161	4.00000	3.71	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	2145	4.00000	3.73 (Q)	
103 n-Decane	43	9.426	9.426	(1.268)	5916	4.00000	3.97 (Q)	
99 2-Chlorotoluene	91	9.341	9.347	(0.927)	28700	4.00000	3.89	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	41060	4.00000	3.91	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	33365	4.00000	3.92	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	32636	4.00000	3.91	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	28266	4.00000	3.92	
105 Pentachloroethane	167	9.755	9.755	(0.969)	4230	4.00000	3.68	
106 1,2,4-Trimethylbenzene	105	9.773	9.774	(0.970)	32514	4.00000	3.83	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	41491	4.00000	3.84	
109 d-Limonene	136	9.975	9.975	(1.342)	1580	4.00000	3.98	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	36247	4.00000	3.94	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	16240	4.00000	3.91	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	180789	50.0000	(Q)	
112 1,4-Dichlorobenzene	146	10.097	10.097	(1.002)	16790	4.00000	3.95 (Q)	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	33758	4.00000	3.88	
114 Benzyl chloride	91	10.231	10.231	(1.016)	12618	4.00000	3.58	
115 trans-Decalin	138	10.292	10.298	(1.022)	5518	4.00000	3.86	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	18956	4.00000	3.74	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	37877	4.00000	3.74	
119 n-Undecane	43	10.450	10.450	(1.038)	5515	4.00000	1.04 (Q)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	14934	4.00000	3.87	
120 cis-Decalin	138	10.816	10.822	(1.074)	4246	4.00000	3.82	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	28814	4.00000	3.80	
122 1,2-Dibromo-3-chloropropane	75	11.206	11.212	(1.113)	1107	4.00000	3.38	
123 n-Dodecane	43	11.590	11.590	(1.151)	4650	4.00000	422 (AQ)	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	7405	4.00000	3.75	
125 Hexachloro-1,3-butadiene	225	12.395	12.389	(1.231)	2921	4.00000	3.63 (Q)	
126 Naphthalene	128	12.566	12.566	(1.248)	17359	4.00000	3.79	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	5665	4.00000	3.77	

QC Flag Legend

- T - Target compound detected outside RT window.
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.
- D - User disabled compound identification.

Review Codes Legend

- :
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).
- LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).



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Injection Date: 07-JUL-2020 17:36

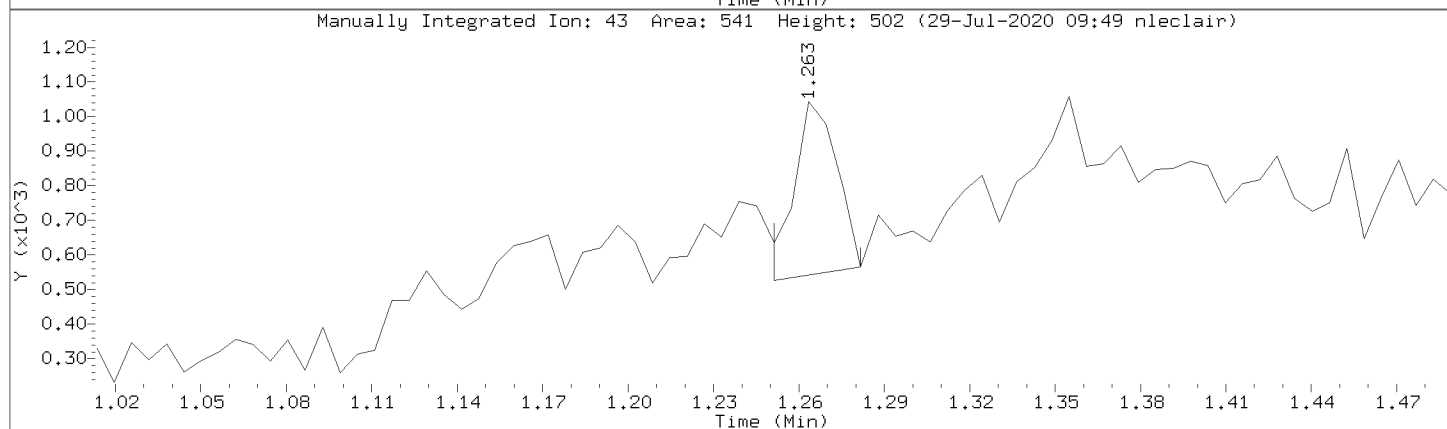
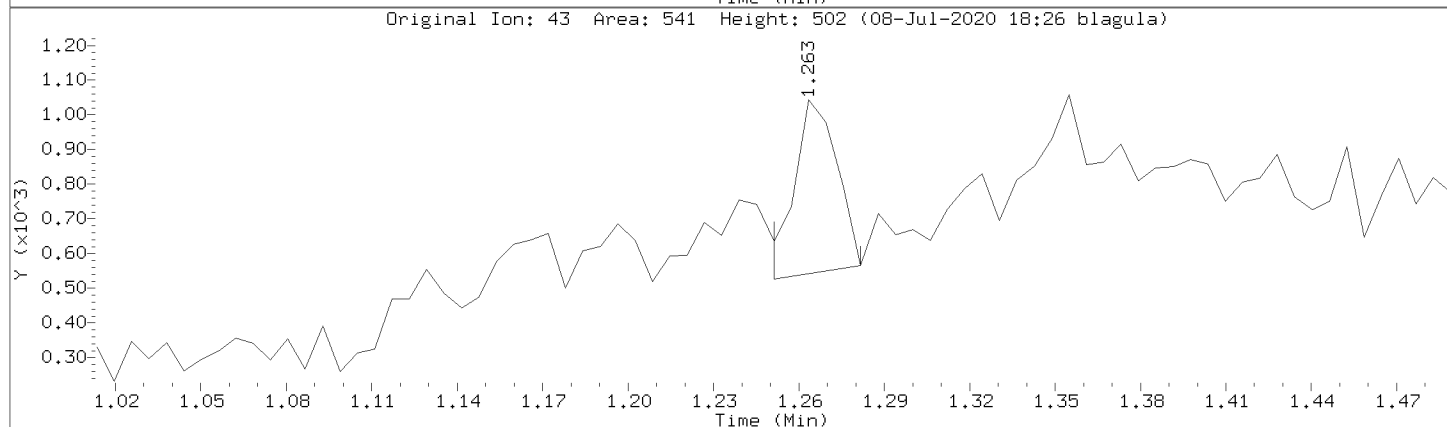
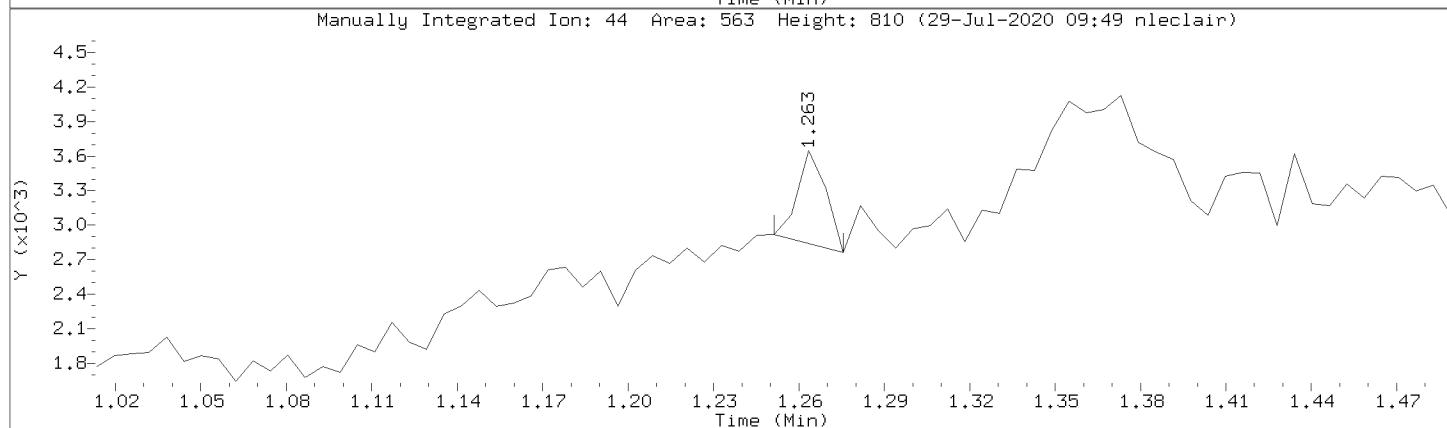
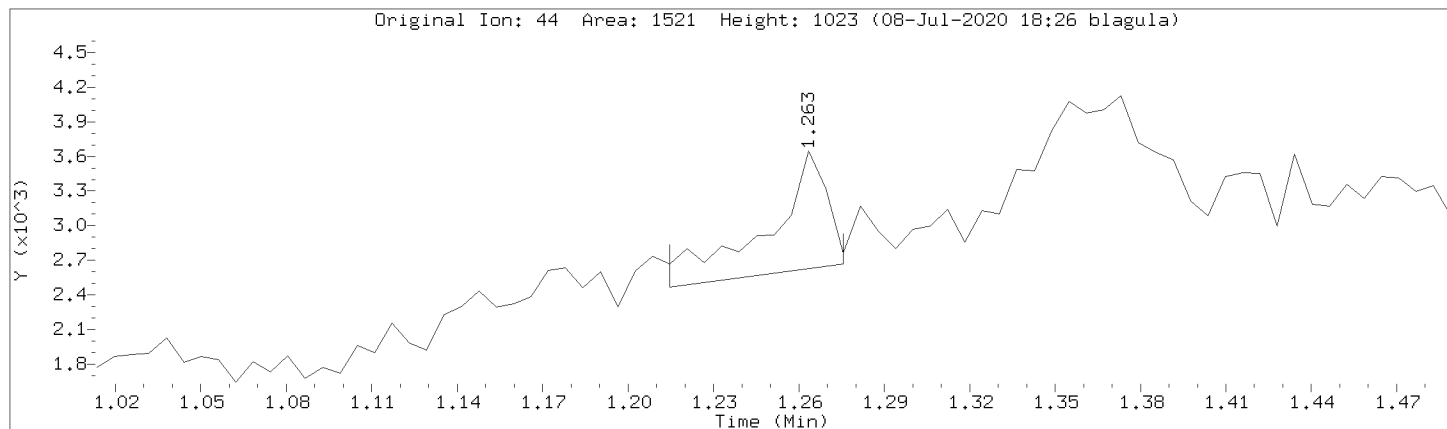
Instrument: 70msv8.i

Lab Sample ID: CAL3

Compound: Acetaldehyde

Review Code:

CAS Number:

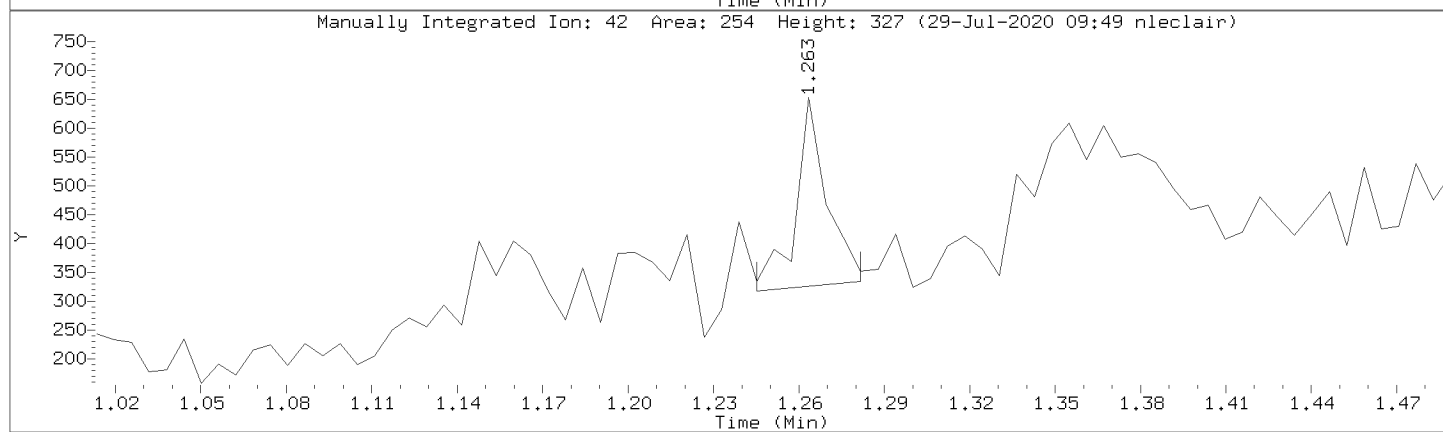
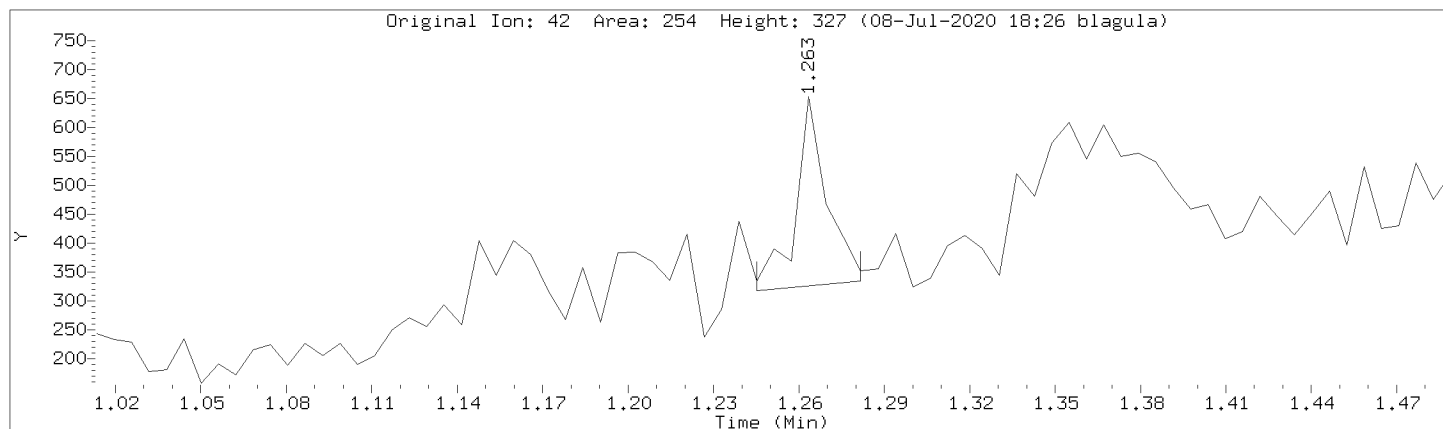


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Injection Date: 07-JUL-2020 17:36

Instrument: 70msv8.i

Lab Sample ID: CAL3



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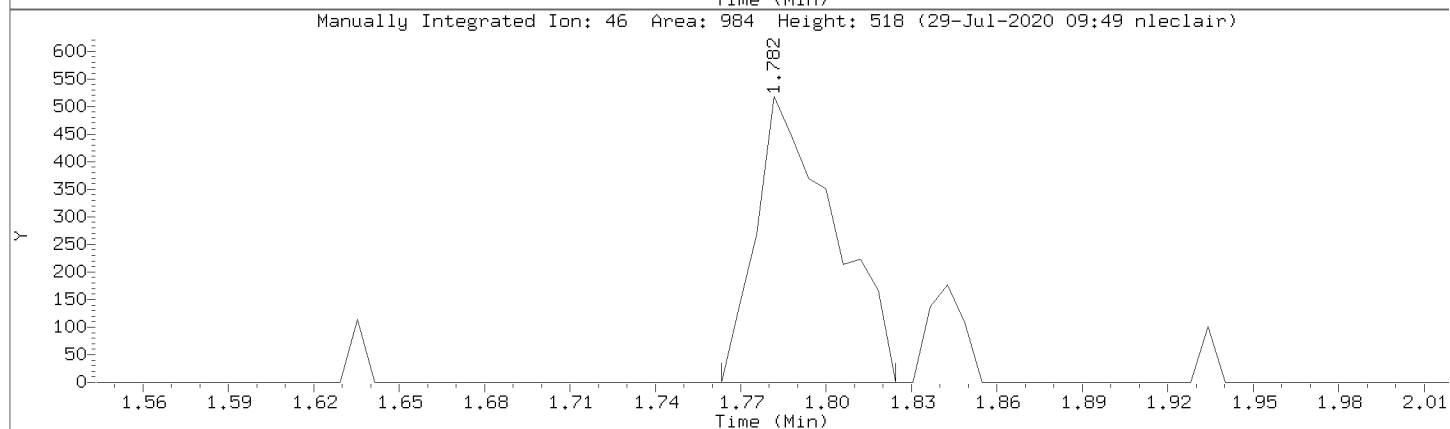
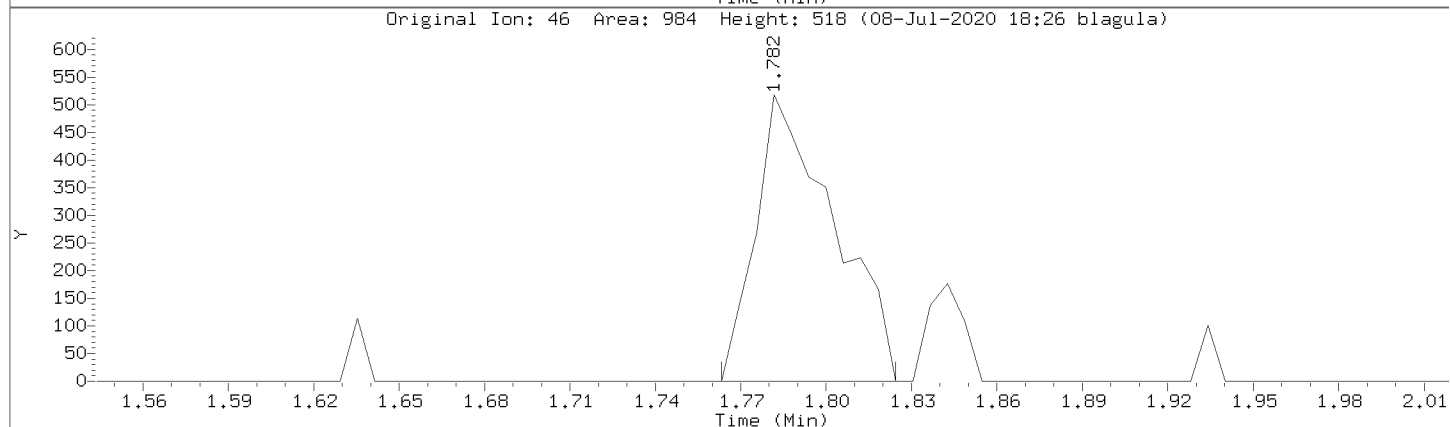
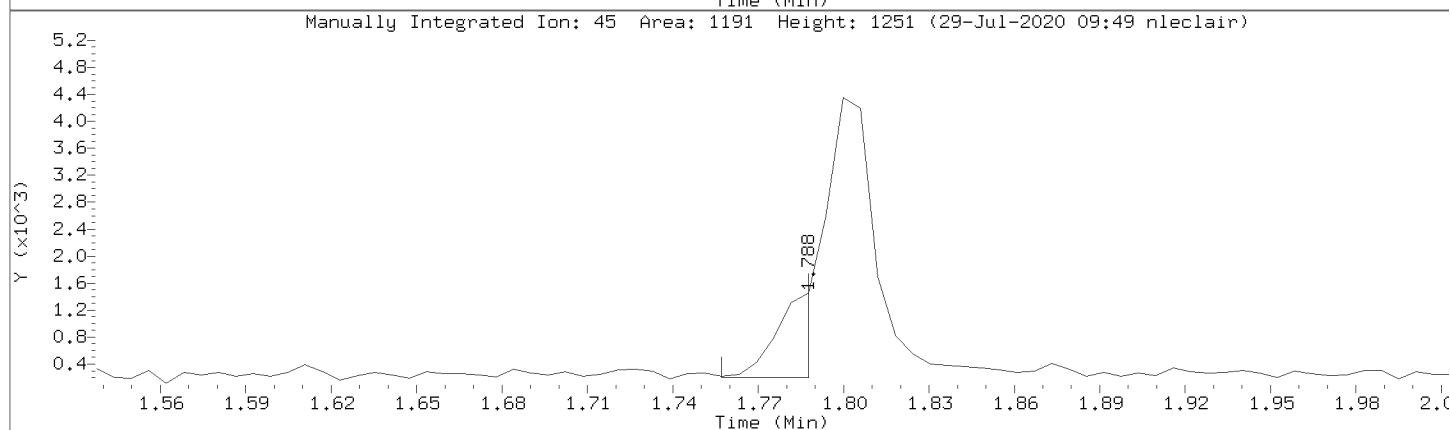
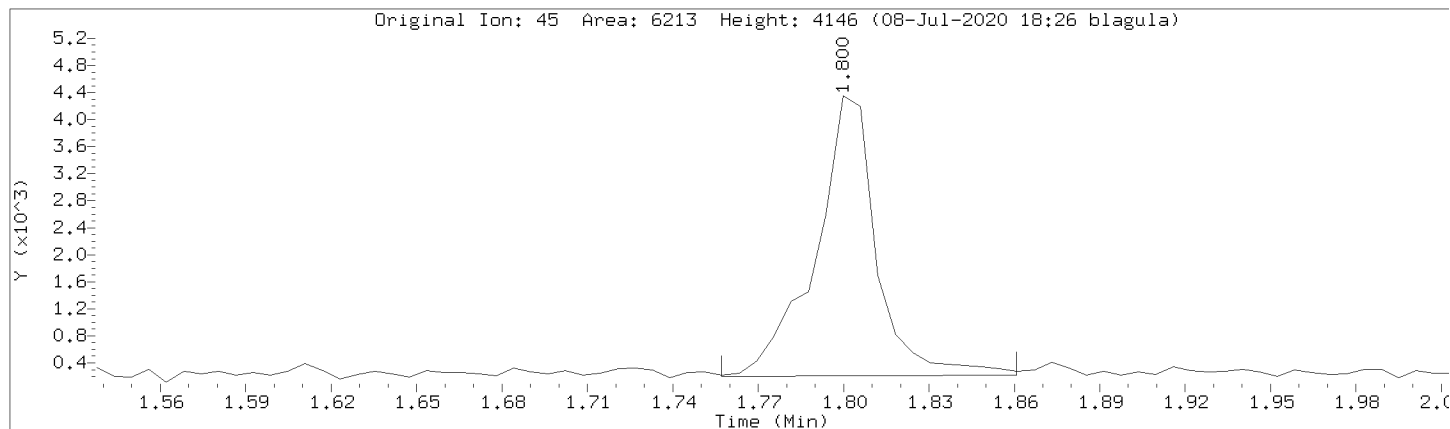
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Instrument: 70msv8.i

Lab Sample ID: CAL3

Compound: Ethanol Review Code: GT

CAS Number:



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Injection Date: 07-JUL-2020 17:36

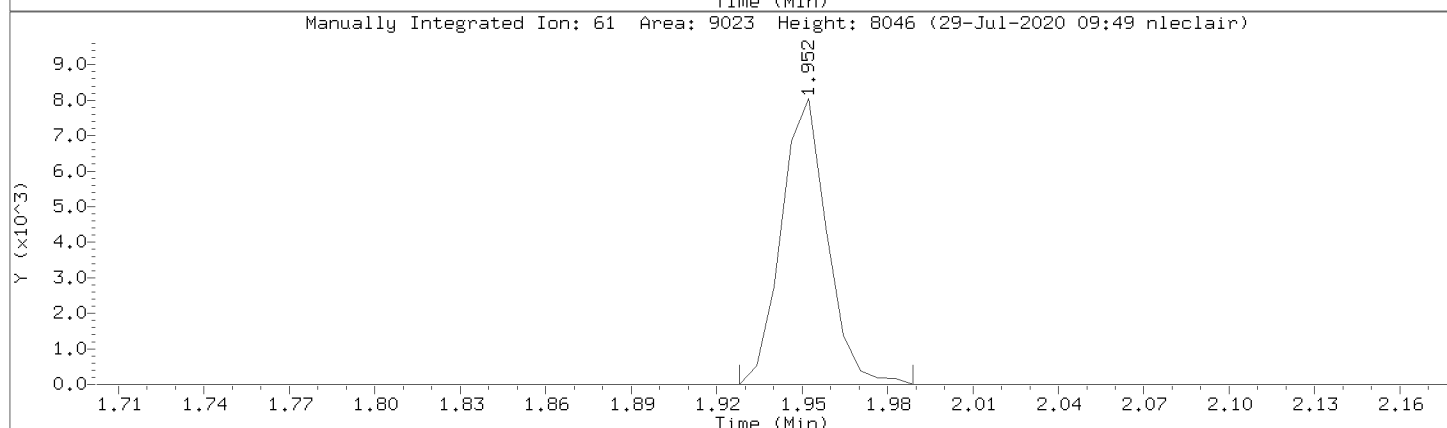
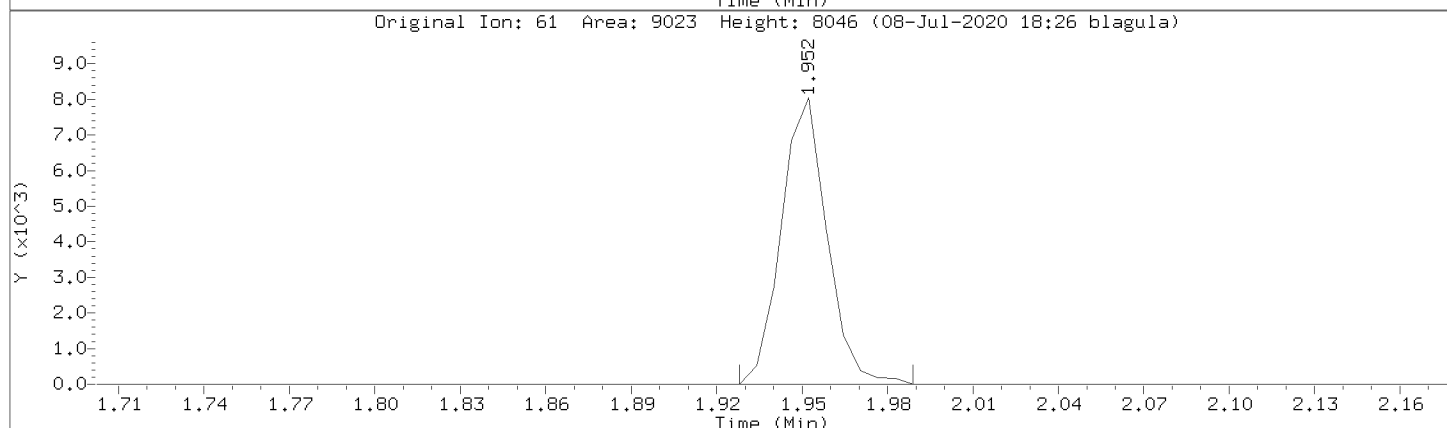
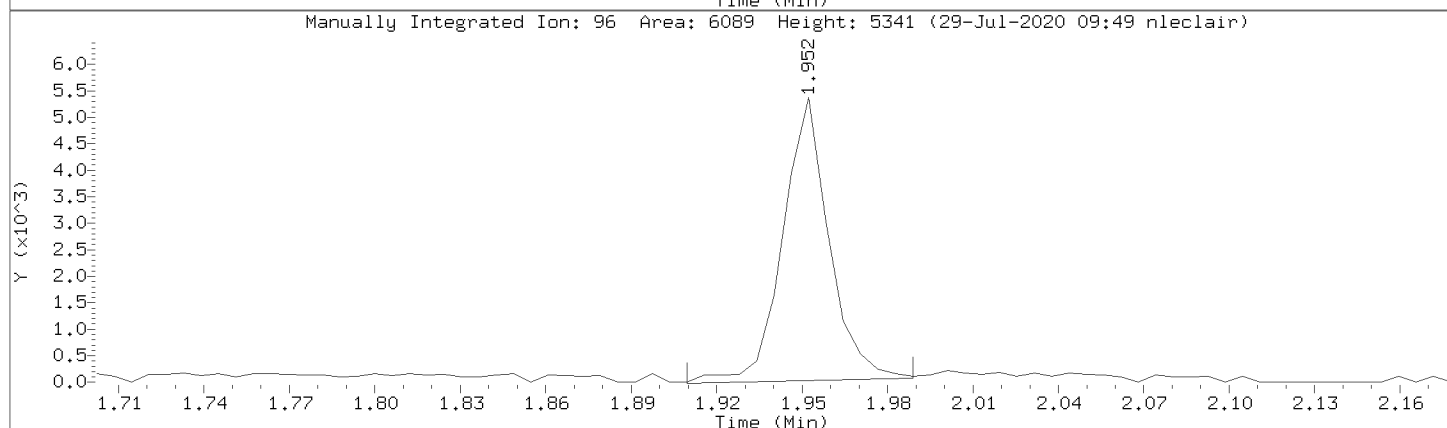
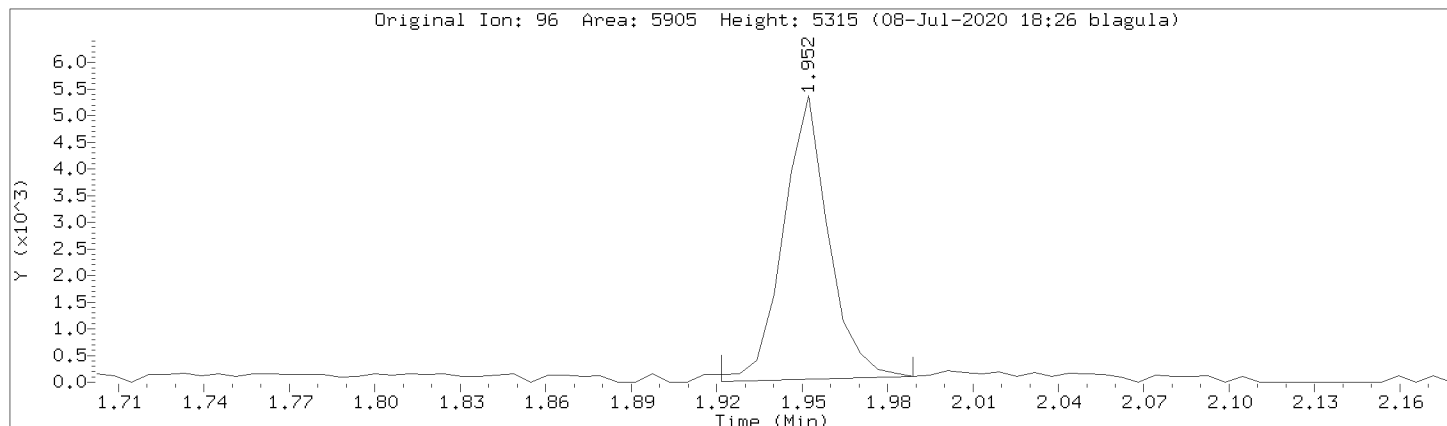
Instrument: 70msv8.i

Lab Sample ID: CAL3

Compound: 1,1-Dichloroethene

Review Code: LT

CAS Number: 75-35-4



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24782.D

Injection Date: 07-JUL-2020 17:36

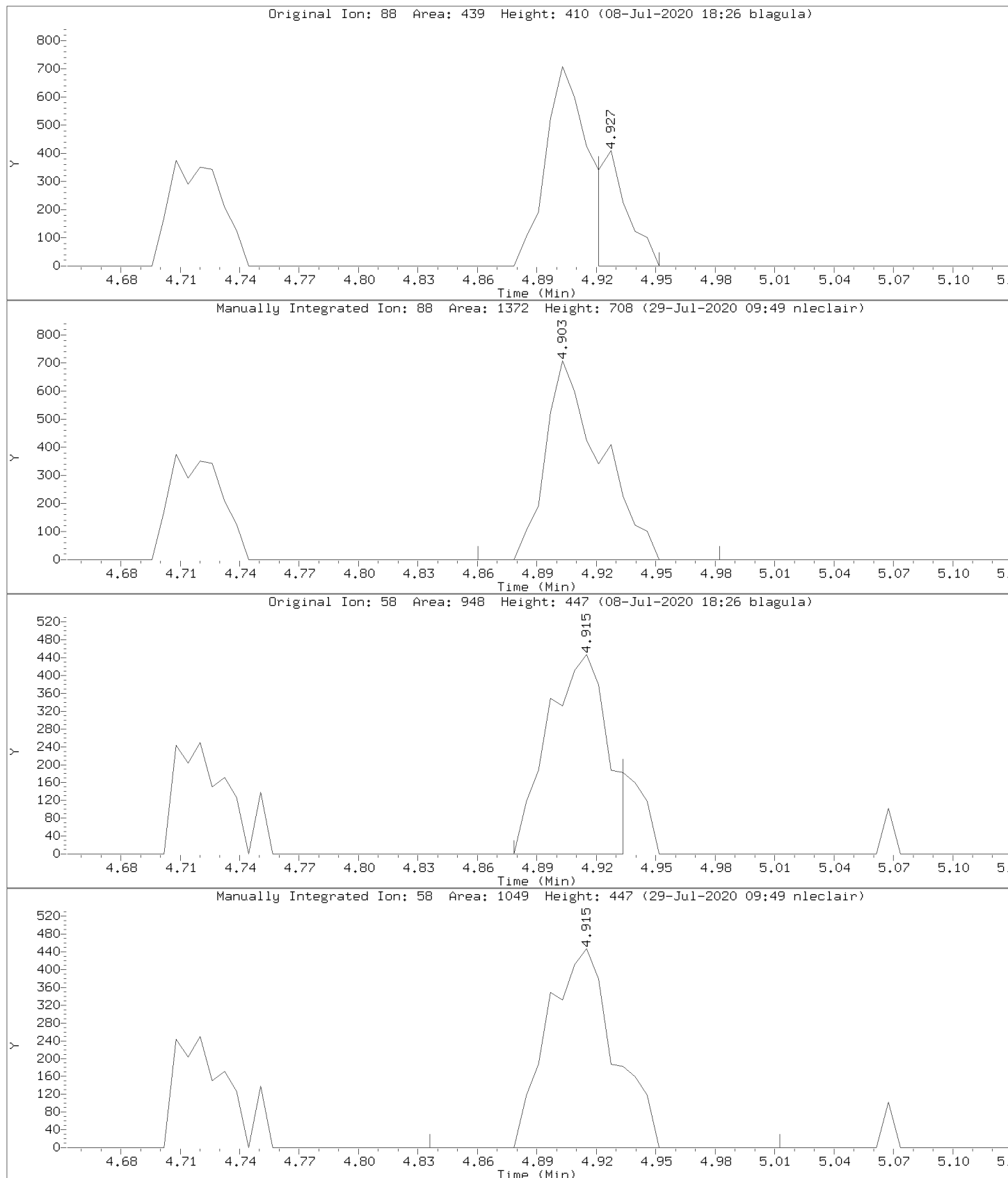
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Lab Sample ID: CAL3

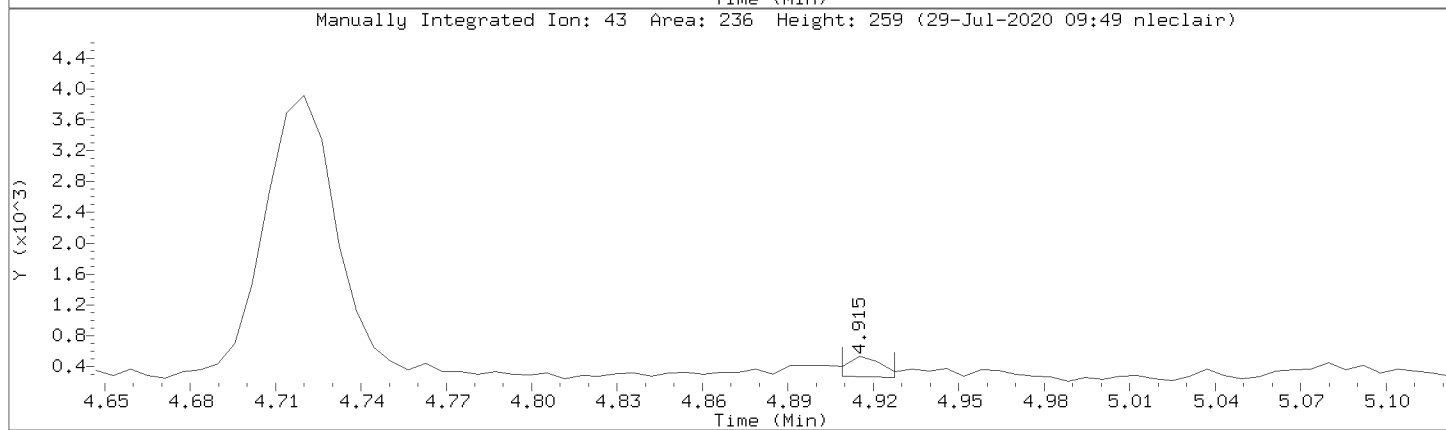
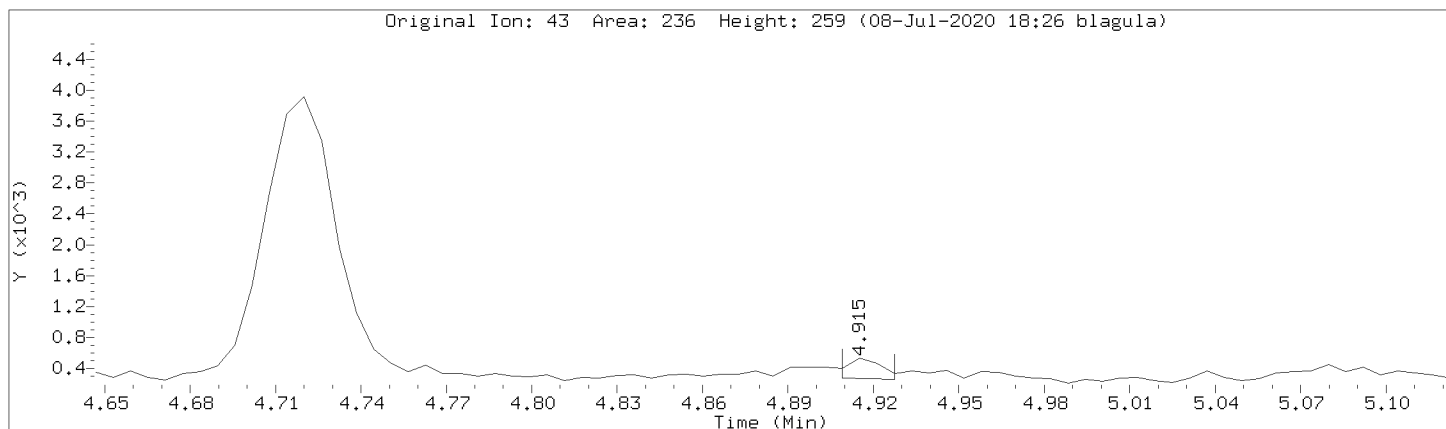
Compound: 1,4-Dioxane (p-Dioxane)

Review Code: LT

CAS Number: 123-91-1



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Injection Date: 07-JUL-2020 17:36
Instrument: 70msv8.i
Lab Sample ID: CAL3



Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24783.D
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 Operator : GKB Inst ID: 70msv8.i
 Smp Info : cal4, 93564:1
 Misc Info : 9446,
 Comment :
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 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 17:59 Cal File: P24783.D
 Als bottle: 7 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	17798	10.0000	9.51(Q)	
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	9385	10.0000	9.69	
3 Dichlorodifluoromethane	85		0.976	0.977	(0.265)	17829	10.0000	9.84(Q)	
4 Chloromethane	50		1.111	1.111	(0.301)	10939	10.0000	8.96	
5 Vinyl chloride	62		1.171	1.172	(0.318)	12417	10.0000	8.93(Q)	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	13855	10.0000	9.85	
7 Acetaldehyde	44		1.263	1.263	(0.342)	2332	10.0000	13.1	
8 Bromomethane	94		1.391	1.391	(0.377)	1857	10.0000	9.42	
9 Chloroethane	64		1.464	1.464	(0.397)	11218	10.0000	10.0	
10 Dichlorofluoromethane	67		1.604	1.605	(0.435)	27255	10.0000	9.61	
11 Trichlorofluoromethane	101		1.598	1.598	(0.433)	25822	10.0000	9.91	
12 Ethanol	45		1.787	1.787	(0.484)	2322	250.000	259(QM)	GT
13 Diethyl ether (Ethyl ether)	59		1.799	1.800	(0.488)	14602	10.0000	10.1	
16 1,1,2-Trichlorotrifluoroethane	101		1.927	1.928	(0.522)	16161	10.0000	9.76	
14 Acrolein	56		1.934	1.934	(0.524)	2531	10.0000	10.0	
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	14145	10.0000	9.05(M)	LT
17 Acetone	43		2.043	2.043	(0.554)	5027	10.0000	9.98(Q)	
18 Iodomethane	142		2.068	2.068	(0.561)	2271	10.0000	8.77	
19 2-Propanol	45		2.799	2.799	(0.759)	58567	250.000	250	
20 Carbon disulfide	76		2.086	2.086	(0.565)	46340	10.0000	9.76	
21 Allyl chloride	76		2.214	2.214	(0.600)	10405	10.0000	10.0	
22 Acetonitrile	41		2.287	2.281	(0.620)	8374	50.0000	50.1	
23 Methyl acetate	43		2.238	2.239	(0.607)	11533	10.0000	10.1	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
24 Methylene Chloride	84	2.324	2.318 (0.630)		17639	10.0000	9.81	
25 tert-Butyl Alcohol	59	2.403	2.403 (0.651)		6337	50.0000	51.1	
28 Methyl-tert-butyl ether	73	2.464	2.458 (0.668)		55134	10.0000	10.1	
27 trans-1,2-Dichloroethene	96	2.476	2.470 (0.671)		17064	10.0000	9.69	
26 Acrylonitrile	53	2.549	2.549 (0.691)		5281	10.0000	9.96	
30 n-Hexane	57	2.604	2.604 (0.706)		24188	10.0000	9.59	
29 Diisopropyl ether	45	2.799	2.799 (0.759)		58567	10.0000	9.98	
32 Vinyl acetate	43	2.842	2.842 (0.770)		35190	10.0000	9.71	
31 1,1-Dichloroethane	63	2.811	2.812 (0.762)		31823	10.0000	9.80	
33 Chloroprene	53	2.848	2.848 (0.772)		25971	10.0000	9.60	
34 Ethyl-tert-butyl ether	59	3.074	3.068 (0.833)		59709	10.0000	9.90	
36 2,2-Dichloropropane	77	3.226	3.226 (0.874)		28707	10.0000	9.51	
35 cis-1,2-Dichloroethene	96	3.256	3.257 (0.883)		20548	10.0000	9.83	
39 Ethyl acetate	61	3.256	3.257 (0.883)		29542	10.0000	9.89 (Q)	
37 2-Butanone (MEK)	43	3.299	3.293 (0.894)		17647	10.0000	10.0	
41 Bromochloromethane	128	3.452	3.452 (0.936)		9448	10.0000	10.5	
42 Tetrahydrofuran	42	3.464	3.464 (0.939)		4272	10.0000	10.1	
43 Chloroform	83	3.506	3.507 (0.950)		33321	10.0000	9.88	
38 Propionitrile	54	3.403	3.403 (0.922)		1775	10.0000	8.71 (Q)	
46 Cyclohexane	56	3.598	3.592 (0.975)		33658	10.0000	9.82	
45 1,1,1-Trichloroethane	97	3.616	3.616 (0.838)		29817	10.0000	9.54	
* 44 Pentafluorobenzene (IS)	168	3.689	3.690 (1.000)		236325	50.0000		
48 Carbon tetrachloride	117	3.720	3.720 (0.862)		26896	10.0000	9.24 (H)	
47 1,1-Dichloropropene	75	3.756	3.757 (0.870)		26026	10.0000	9.68	
55 2,2,4-Trimethylpentane	57	3.909	3.909 (1.059)		47547	10.0000	9.59	
51 Benzene	78	3.927	3.927 (0.910)		71788	10.0000	9.64	
40 Methacrylonitrile	67	3.494	3.488 (0.947)		6801	10.0000	9.66	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.951	3.952 (0.915)		156683	50.0000	49.9	
56 tert-Amylmethyl ether	73	4.006	4.007 (1.086)		54487	10.0000	10.0	
52 1,2-Dichloroethane	62	4.018	4.019 (1.089)		26198	10.0000	9.96	
57 n-Heptane	43	4.086	4.086 (1.107)		24474	10.0000	9.55 (H)	
* 58 1,4-Difluorobenzene (IS)	114	4.317	4.317 (1.000)		415915	50.0000		
59 Trichloroethene	95	4.512	4.513 (1.045)		20623	10.0000	9.83	
60 Methylcyclohexane	83	4.610	4.610 (1.068)		37817	10.0000	9.77	
49 Isobutanol	43	3.915	3.909 (1.061)		10488	50.0000	46.9	
53 tert-Amyl Alcohol	59	Compound Not Detected.						(D)
54 tert-Amyl ethyl ether	59	4.720	4.720 (1.279)		44974	10.0000	9.58	
61 1,2-Dichloropropane	63	4.774	4.775 (1.106)		18479	10.0000	9.74	
63 Methyl methacrylate	69	4.884	4.878 (1.131)		11996	10.0000	9.74	
64 1,4-Dioxane (p-Dioxane)	88	4.909	4.903 (1.137)		3603	250.000	259 (Q)	
62 Dibromomethane	93	4.890	4.890 (1.133)		11330	10.0000	9.76	
65 Bromodichloromethane	83	5.043	5.043 (1.168)		25802	10.0000	9.70	
66 2-Nitropropane	43	5.372	5.378 (1.244)		10367	10.0000	10.3	
67 2-Chloroethylvinyl ether	63	5.384	5.384 (1.247)		8187	10.0000	10.1	
68 cis-1,3-Dichloropropene	75	5.512	5.512 (1.277)		30412	10.0000	9.64	
69 4-Methyl-2-pentanone (MIBK)	43	5.689	5.683 (1.318)		12863	10.0000	9.48	
\$ 70 Toluene-d8 (S)	98	5.732	5.732 (0.771)		519654	50.0000	50.8	
71 Toluene	91	5.805	5.805 (1.345)		85585	10.0000	9.76	
72 Methyl isothiocyanate	73	6.036	6.037 (1.398)		25495	25.0000	24.3	
74 trans-1,3-Dichloropropene	75	6.152	6.152 (1.425)		27968	10.0000	9.73	
75 Ethyl methacrylate	69	6.207	6.207 (1.438)		22783	10.0000	10.1	
76 1,1,2-Trichloroethane	83	6.347	6.354 (1.470)		14854	10.0000	10.2	
77 Tetrachloroethene	166	6.366	6.366 (0.856)		19073	10.0000	10.0	
78 1,3-Dichloropropane	76	6.542	6.543 (0.880)		27955	10.0000	10.2	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	9252	10.0000	10.0 (Q)	
73 n-Octane	43	5.866	5.866	(1.359)	23401	10.0000	9.71 (Q)	
81 n-Butyl acetate	43	6.762	6.634	(1.566)	19850	10.0000	9.62	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	16498	10.0000	9.70	
82 1,2-Dibromoethane (EDB)	107	6.890	6.884	(1.596)	15894	10.0000	9.70	
* 83 Chlorobenzene-d5 (IS)	82	7.432	7.433	(1.000)	206094	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.006)	52983	10.0000	9.96	
86 Ethylbenzene	106	7.603	7.603	(1.023)	31435	10.0000	9.96	
85 1,1,1,2-Tetrachloroethane	131	7.615	7.616	(1.025)	17420	10.0000	9.79	
88 n-Nonane	43	7.768	7.768	(1.045)	16445	10.0000	9.86 (Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	76133	20.0000	19.9	
89 o-Xylene	106	8.371	8.372	(1.126)	37050	10.0000	10.0	
90 Styrene	104	8.414	8.414	(1.132)	61078	10.0000	9.89	
91 Bromoform	173	8.652	8.652	(1.164)	8713	10.0000	9.78	
92 Isopropylbenzene (Cumene)	105	8.822	8.817	(0.876)	99442	10.0000	9.77	
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	200288	50.0000	50.4	
94 Bromobenzene	156	9.152	9.152	(0.909)	21370	10.0000	9.87	
95 1,1,2,2-Tetrachloroethane	83	9.243	9.249	(0.918)	18717	10.0000	9.72	
98 n-Propylbenzene	91	9.255	9.256	(0.919)	119096	10.0000	9.74	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	5812	10.0000	10.1	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	5204	10.0000	9.12 (Q)	
103 n-Decane	43	9.426	9.426	(1.268)	14756	10.0000	10.1 (Q)	
99 2-Chlorotoluene	91	9.347	9.347	(0.928)	71367	10.0000	9.75	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	101193	10.0000	9.72	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	82519	10.0000	9.77	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	80514	10.0000	9.72	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	69648	10.0000	9.73	
105 Pentachloroethane	167	9.755	9.755	(0.969)	10937	10.0000	9.59	
106 1,2,4-Trimethylbenzene	105	9.773	9.774	(0.970)	82674	10.0000	9.82	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	102820	10.0000	9.57	
109 d-Limonene	136	9.975	9.975	(1.342)	3609	10.0000	9.31	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	88990	10.0000	9.74	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	40486	10.0000	9.82	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	179487	50.0000	(Q)	
112 1,4-Dichlorobenzene	146	10.090	10.097	(1.002)	41734	10.0000	9.89	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	84333	10.0000	9.75	
114 Benzyl chloride	91	10.231	10.231	(1.016)	31490	10.0000	9.00	
115 trans-Decalin	138	10.298	10.298	(1.022)	13604	10.0000	9.59	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	48881	10.0000	9.72	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	95634	10.0000	9.52	
119 n-Undecane	43	10.450	10.450	(1.038)	14936	10.0000	9.34 (Q)	
118 1,2-Dichlorobenzene	146	10.407	10.408	(1.033)	38452	10.0000	10.0	
120 cis-Decalin	138	10.816	10.822	(1.074)	10895	10.0000	9.88	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	72591	10.0000	9.63	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	2950	10.0000	9.07	
123 n-Dodecane	43	11.590	11.590	(1.151)	13036	10.0000	9.78 (Q)	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	19217	10.0000	9.80	
125 Hexachloro-1,3-butadiene	225	12.389	12.389	(1.230)	7612	10.0000	9.54	
126 Naphthalene	128	12.566	12.566	(1.248)	43806	10.0000	9.64	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	14288	10.0000	9.59	

Data File: \\v70wintarget\chem\70msv8.i\070720.B\P24783.D
Report Date: 18-Aug-2020 15:13

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

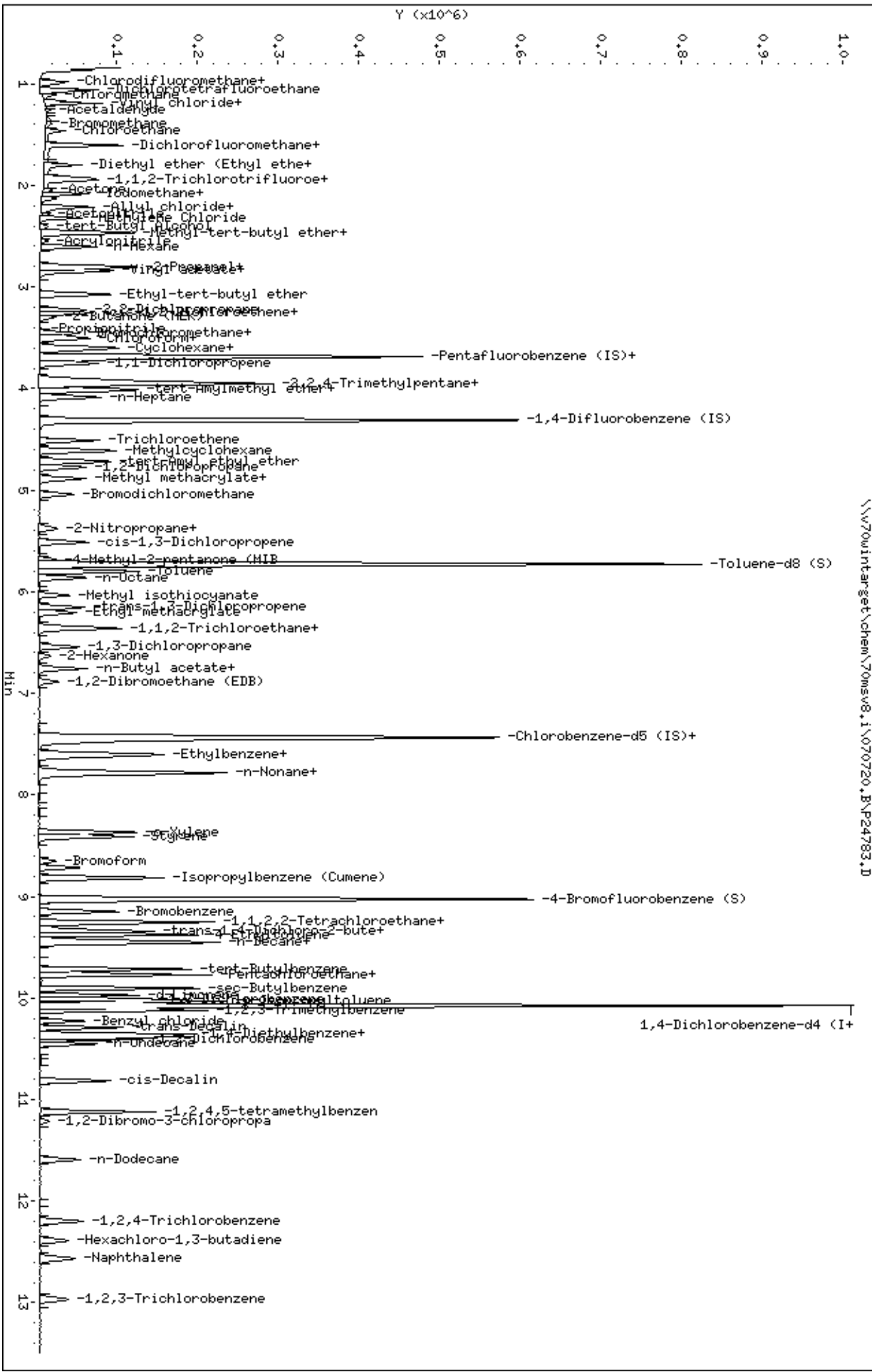
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GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).

LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).

Data File: \\70winintarget\chem\70msv8.1\070720.B\F24783.D
 Date : 07-JUL-2020 17:59
 Client ID: CAL4
 Sample Info: CAL4, 93564:1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: GKB
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24783.D

Injection Date: 07-JUL-2020 17:59

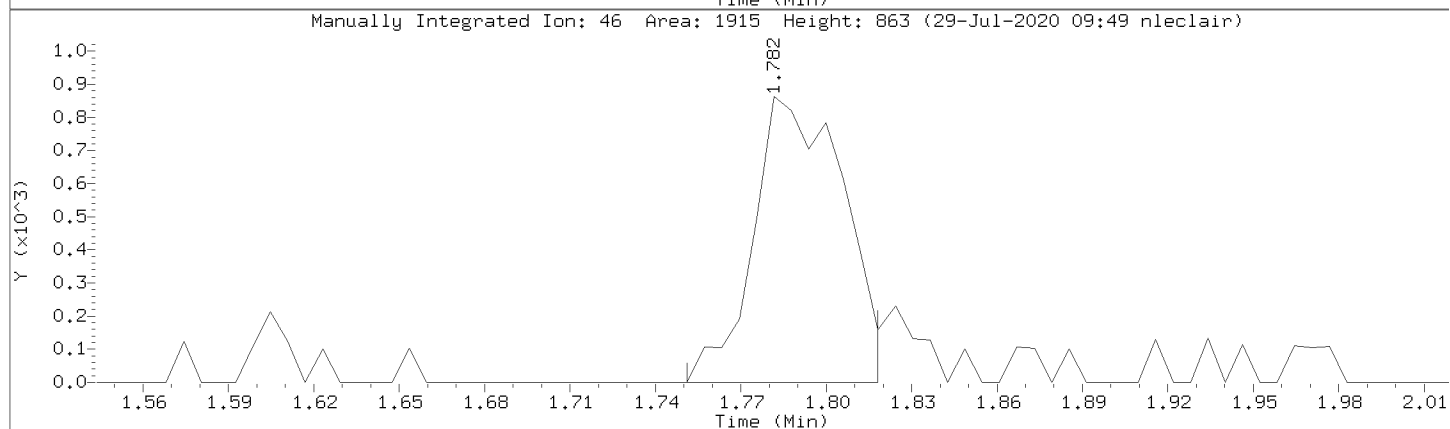
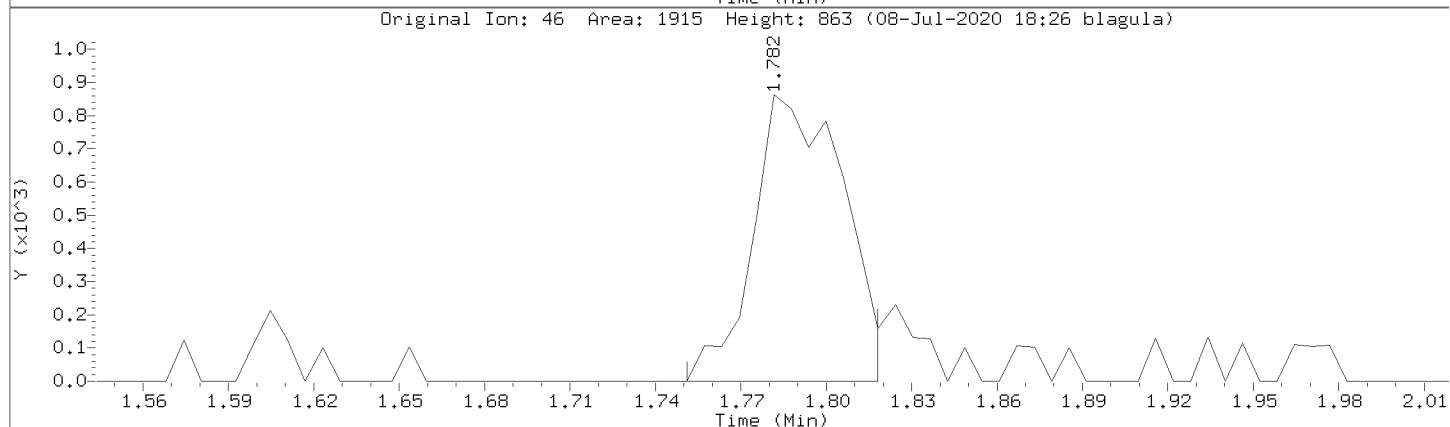
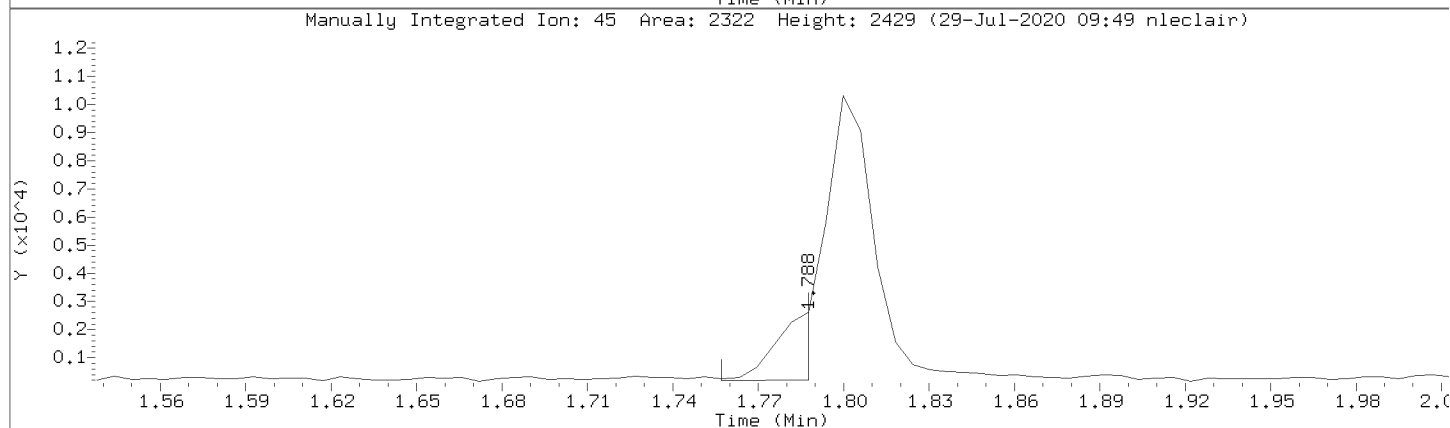
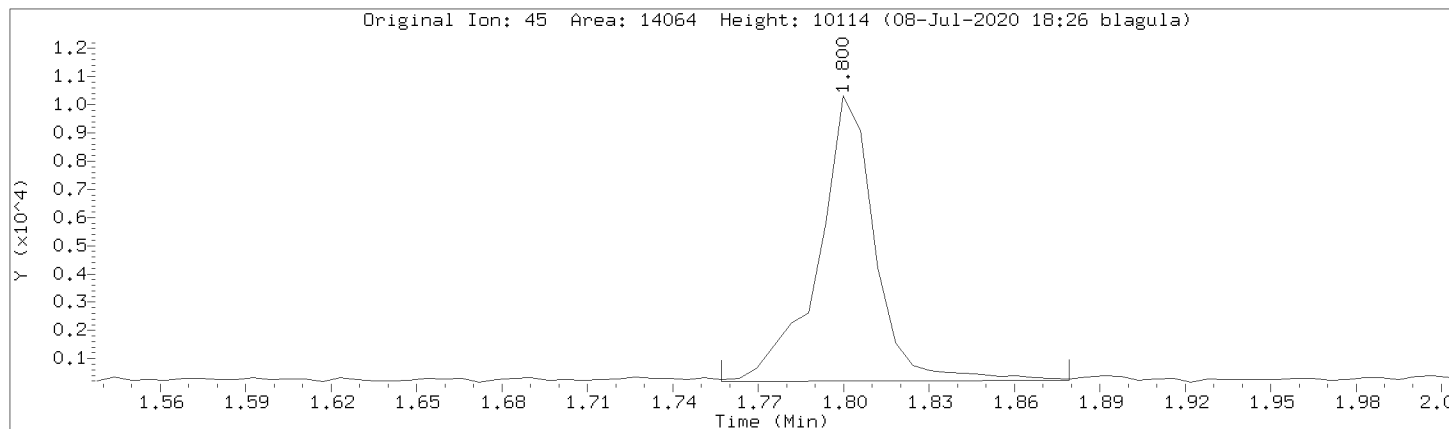
Instrument: 70msv8.i

Lab Sample ID: CAL4

Compound: Ethanol

Review Code: GT

CAS Number:



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24783.D

Injection Date: 07-JUL-2020 17:59

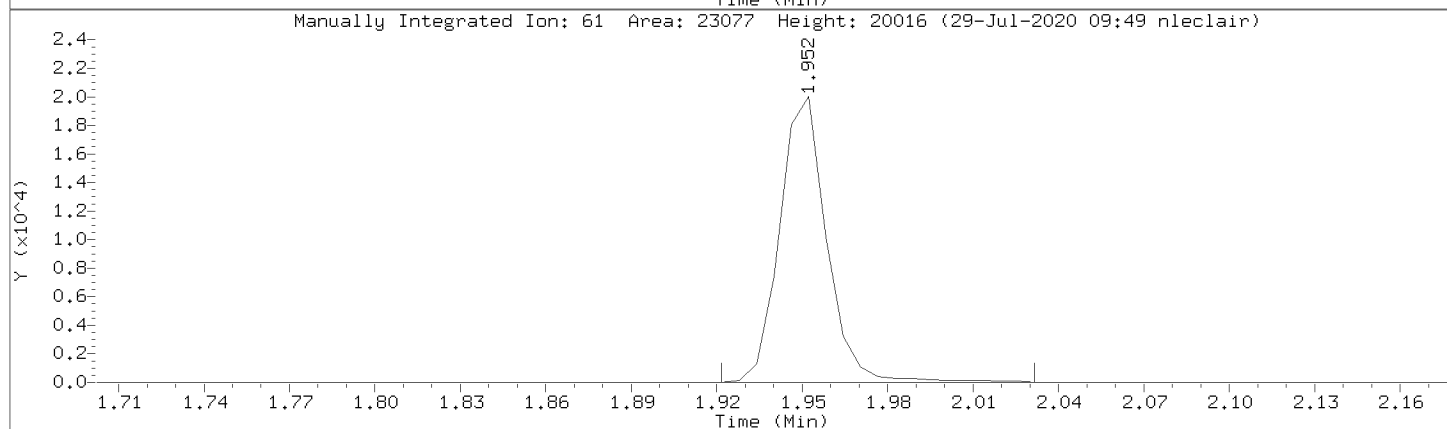
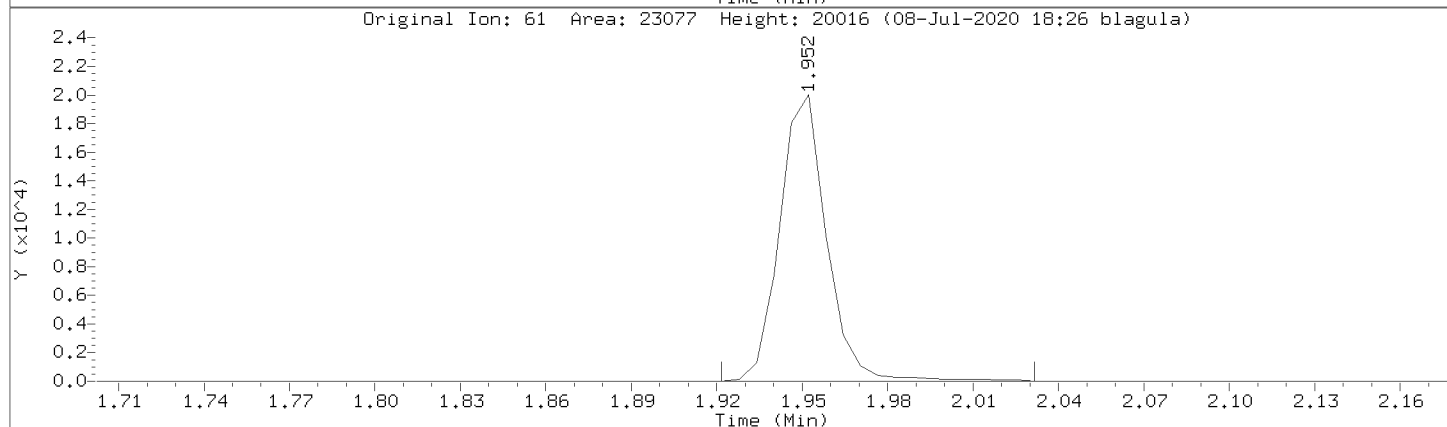
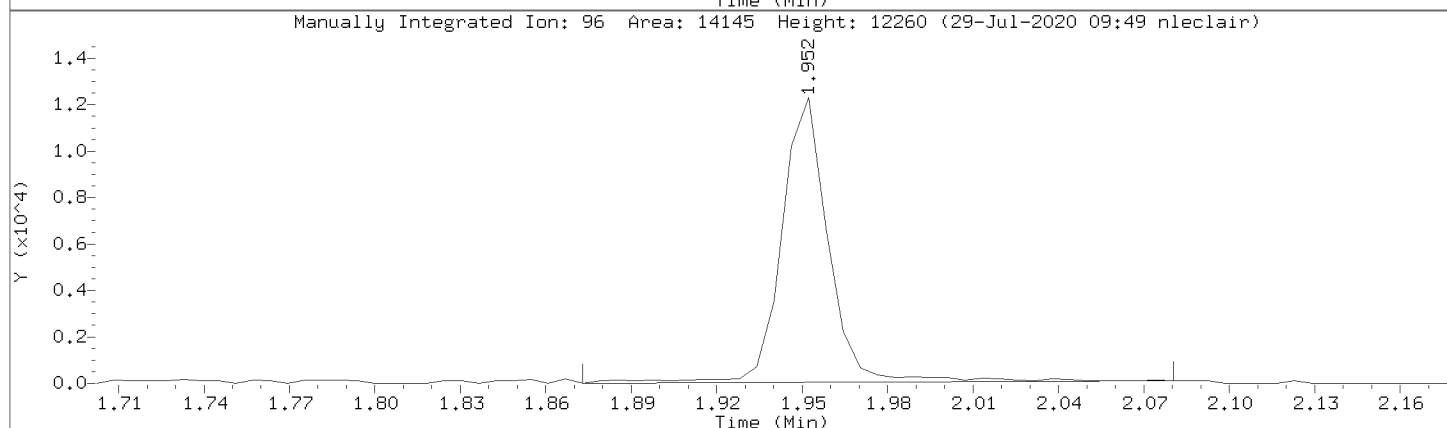
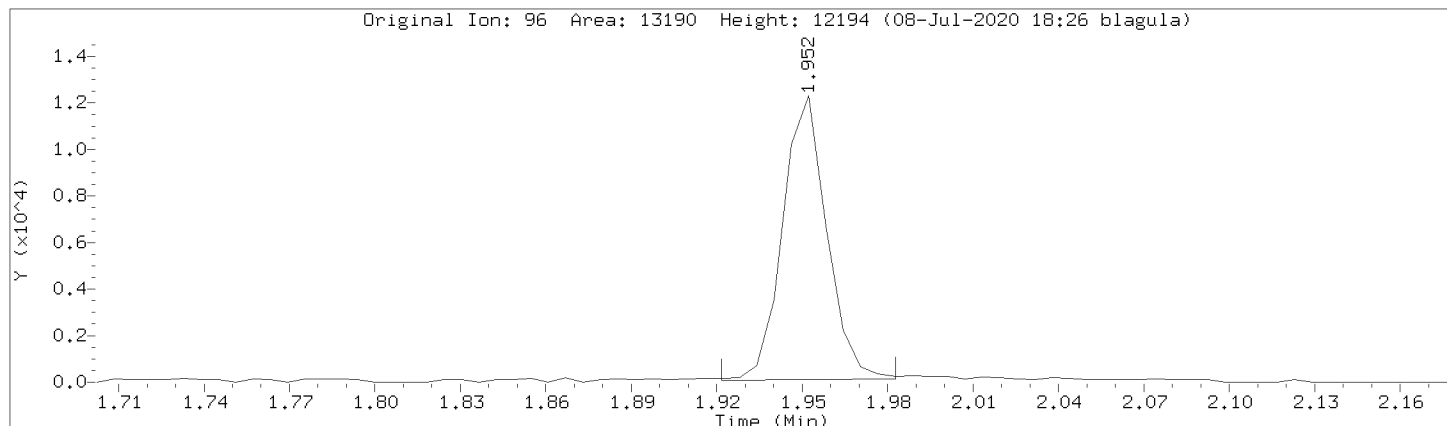
Instrument: 70msv8.i

Lab Sample ID: CAL4

Compound: 1,1-Dichloroethene

Review Code: LT

CAS Number: 75-35-4



Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24784.D
 Lab Smp Id: CAL5 Client Smp ID: CAL5
 Inj Date : 07-JUL-2020 18:22 MS Autotune Date: 07-JUL-2020 13:1
 Operator : GKB Inst ID: 70msv8.i
 Smp Info : cal5, 93565:1
 Misc Info : 9446,
 Comment :
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 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 18:22 Cal File: P24784.D
 Als bottle: 8 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	35962	20.0000	19.1	
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	19621	20.0000	20.2	
3 Dichlorodifluoromethane	85		0.977	0.977	(0.265)	34985	20.0000	19.2 (Q)	
4 Chloromethane	50		1.105	1.111	(0.299)	23525	20.0000	19.2	
5 Vinyl chloride	62		1.172	1.172	(0.318)	26521	20.0000	19.0 (Q)	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	28056	20.0000	19.8	
7 Acetaldehyde	44		1.263	1.263	(0.342)	3363	20.0000	18.8	
8 Bromomethane	94		1.391	1.391	(0.377)	4147	20.0000	22.2	
9 Chloroethane	64		1.464	1.464	(0.397)	21542	20.0000	19.2	
10 Dichlorofluoromethane	67		1.604	1.605	(0.435)	55360	20.0000	19.4	
11 Trichlorofluoromethane	101		1.598	1.598	(0.433)	51501	20.0000	19.6	
12 Ethanol	45		1.787	1.787	(0.485)	4332	500.000	481 (QM)	GT
13 Diethyl ether (Ethyl ether)	59		1.800	1.800	(0.488)	28623	20.0000	19.6	
16 1,1,2-Trichlorotrifluoroethane	101		1.928	1.928	(0.523)	32709	20.0000	19.6	
14 Acrolein	56		1.934	1.934	(0.524)	4647	20.0000	18.3	
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	30275	20.0000	19.3 (M)	LT
17 Acetone	43		2.043	2.043	(0.554)	8918	20.0000	21.0	
18 Iodomethane	142		2.068	2.068	(0.561)	6166	20.0000	16.2	
19 2-Propanol	45		2.799	2.799	(0.759)	115466	500.000	489	
20 Carbon disulfide	76		2.086	2.086	(0.565)	89273	20.0000	18.7	
21 Allyl chloride	76		2.214	2.214	(0.600)	19730	20.0000	18.9	
22 Acetonitrile	41		2.281	2.281	(0.618)	16386	100.000	97.6	
23 Methyl acetate	43		2.238	2.239	(0.607)	21904	20.0000	19.1	

Compounds	QUANT	SIG						AMOUNTS		REVIEW C
			MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
24 Methylene Chloride	84		2.324	2.318	(0.630)	34884	20.0000	19.3		
25 tert-Butyl Alcohol	59		2.403	2.403	(0.651)	12594	100.000	101		
28 Methyl-tert-butyl ether	73		2.464	2.458	(0.668)	107653	20.0000	19.6		
27 trans-1,2-Dichloroethene	96		2.470	2.470	(0.670)	34768	20.0000	19.6		
26 Acrylonitrile	53		2.549	2.549	(0.691)	9780	20.0000	18.4		
30 n-Hexane	57		2.604	2.604	(0.706)	48384	20.0000	19.1		
29 Diisopropyl ether	45		2.799	2.799	(0.759)	115466	20.0000	19.6		
32 Vinyl acetate	43		2.842	2.842	(0.770)	71819	20.0000	19.7		
31 1,1-Dichloroethane	63		2.812	2.812	(0.762)	63903	20.0000	19.6		
33 Chloroprene	53		2.848	2.848	(0.772)	52571	20.0000	19.3		
34 Ethyl-tert-butyl ether	59		3.068	3.068	(0.831)	119760	20.0000	19.7		
36 2,2-Dichloropropane	77		3.226	3.226	(0.874)	57489	20.0000	18.9		
35 cis-1,2-Dichloroethene	96		3.257	3.257	(0.883)	41425	20.0000	19.7		
39 Ethyl acetate	61		3.257	3.257	(0.883)	59311	20.0000	19.8 (Q)		
37 2-Butanone (MEK)	43		3.299	3.293	(0.894)	35639	20.0000	20.1		
41 Bromochloromethane	128		3.452	3.452	(0.936)	18520	20.0000	20.4		
42 Tetrahydrofuran	42		3.464	3.464	(0.939)	8436	20.0000	19.8		
43 Chloroform	83		3.507	3.507	(0.950)	65687	20.0000	19.4		
38 Propionitrile	54		3.403	3.403	(0.922)	4412	20.0000	21.5		
46 Cyclohexane	56		3.592	3.592	(0.974)	66662	20.0000	19.3		
45 1,1,1-Trichloroethane	97		3.616	3.616	(0.838)	61344	20.0000	19.5		
* 44 Pentafluorobenzene (IS)	168		3.689	3.690	(1.000)	237526	50.0000			
48 Carbon tetrachloride	117		3.720	3.720	(0.862)	51150	20.0000	17.5 (H)		
47 1,1-Dichloropropene	75		3.750	3.757	(0.869)	51814	20.0000	19.2		
55 2,2,4-Trimethylpentane	57		3.909	3.909	(1.059)	96431	20.0000	19.4		
51 Benzene	78		3.927	3.927	(0.910)	144184	20.0000	19.2		
40 Methacrylonitrile	67		3.488	3.488	(0.945)	12565	20.0000	17.8		
\$ 50 1,2-Dichloroethane-d4 (S)	65		3.952	3.952	(0.915)	158003	50.0000	50.1		
56 tert-Amylmethyl ether	73		4.006	4.007	(1.086)	106764	20.0000	19.5		
52 1,2-Dichloroethane	62		4.019	4.019	(1.089)	51077	20.0000	19.3		
57 n-Heptane	43		4.086	4.086	(1.107)	49272	20.0000	19.1 (H)		
* 58 1,4-Difluorobenzene (IS)	114		4.317	4.317	(1.000)	418135	50.0000			
59 Trichloroethene	95		4.512	4.513	(1.045)	41534	20.0000	19.7		
60 Methylcyclohexane	83		4.610	4.610	(1.068)	75111	20.0000	19.3		
49 Isobutanol	43		3.909	3.909	(1.059)	21652	100.000	96.3		
53 tert-Amyl Alcohol	59		Compound Not Detected.							(D)
54 tert-Amyl ethyl ether	59		4.720	4.720	(1.279)	91826	20.0000	19.4		
61 1,2-Dichloropropane	63		4.775	4.775	(1.106)	36924	20.0000	19.4		
63 Methyl methacrylate	69		4.878	4.878	(1.130)	23445	20.0000	18.9		
64 1,4-Dioxane (p-Dioxane)	88		4.903	4.903	(1.136)	6867	500.000	491		
62 Dibromomethane	93		4.890	4.890	(1.133)	22661	20.0000	19.4		
65 Bromodichloromethane	83		5.043	5.043	(1.168)	51721	20.0000	19.3		
66 2-Nitropropane	43		5.378	5.378	(1.246)	20151	20.0000	19.9		
67 2-Chloroethylvinyl ether	63		5.378	5.384	(1.246)	16880	20.0000	20.7		
68 cis-1,3-Dichloropropene	75		5.512	5.512	(1.277)	61960	20.0000	19.5		
69 4-Methyl-2-pentanone (MIBK)	43		5.689	5.683	(1.318)	26601	20.0000	19.5		
\$ 70 Toluene-d8 (S)	98		5.732	5.732	(0.771)	518861	50.0000	50.4		
71 Toluene	91		5.805	5.805	(1.345)	171405	20.0000	19.4		
72 Methyl isothiocyanate	73		6.037	6.037	(1.398)	50692	50.0000	48.0		
74 trans-1,3-Dichloropropene	75		6.152	6.152	(1.425)	55076	20.0000	19.1		
75 Ethyl methacrylate	69		6.207	6.207	(1.438)	43311	20.0000	19.2		
76 1,1,2-Trichloroethane	83		6.347	6.354	(1.470)	27767	20.0000	18.9		
77 Tetrachloroethene	166		6.366	6.366	(0.856)	38446	20.0000	20.1		
78 1,3-Dichloropropane	76		6.543	6.543	(0.880)	54492	20.0000	19.7		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	18010	20.0000	19.4	
73 n-Octane	43	5.866	5.866	(1.359)	45985	20.0000	19.0(Q)	
81 n-Butyl acetate	43	6.762	6.634	(1.566)	37834	20.0000	18.2	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	33485	20.0000	19.6	
82 1,2-Dibromoethane (EDB)	107	6.890	6.884	(1.596)	31891	20.0000	19.4	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	207262	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.006)	105648	20.0000	19.7	
86 Ethylbenzene	106	7.603	7.603	(1.023)	62658	20.0000	19.7	
85 1,1,1,2-Tetrachloroethane	131	7.615	7.616	(1.025)	35270	20.0000	19.7	
88 n-Nonane	43	7.768	7.768	(1.045)	33158	20.0000	19.8(Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	152871	40.0000	39.8	
89 o-Xylene	106	8.371	8.372	(1.126)	73931	20.0000	19.9	
90 Styrene	104	8.414	8.414	(1.132)	123717	20.0000	19.9	
91 Bromoform	173	8.652	8.652	(1.164)	17135	20.0000	19.1	
92 Isopropylbenzene (Cumene)	105	8.823	8.817	(0.876)	198446	20.0000	19.4	
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	200442	50.0000	50.1	
94 Bromobenzene	156	9.152	9.152	(0.909)	42737	20.0000	19.7	
95 1,1,2,2-Tetrachloroethane	83	9.243	9.249	(0.918)	37656	20.0000	19.5	
98 n-Propylbenzene	91	9.255	9.256	(0.919)	239023	20.0000	19.5	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	10899	20.0000	18.8(Q)	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	9899	20.0000	17.3	
103 n-Decane	43	9.426	9.426	(1.268)	31739	20.0000	21.6(Q)	
99 2-Chlorotoluene	91	9.347	9.347	(0.928)	141972	20.0000	19.3	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	204199	20.0000	19.6	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	167025	20.0000	19.7	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	161631	20.0000	19.4	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	141808	20.0000	19.8	
105 Pentachloroethane	167	9.755	9.755	(0.969)	22914	20.0000	20.0	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	165613	20.0000	19.6	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	208655	20.0000	19.4	
109 d-Limonene	136	9.975	9.975	(1.342)	7021	20.0000	18.0	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	180021	20.0000	19.6	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	82083	20.0000	19.8	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	180015	50.0000		
112 1,4-Dichlorobenzene	146	10.091	10.097	(1.002)	83689	20.0000	19.8	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	169470	20.0000	19.5	
114 Benzyl chloride	91	10.231	10.231	(1.016)	66231	20.0000	18.9	
115 trans-Decalin	138	10.292	10.298	(1.022)	27931	20.0000	19.6	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	99582	20.0000	19.7	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	196426	20.0000	19.5	
119 n-Undecane	43	10.450	10.450	(1.038)	31990	20.0000	24.8(Q)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	75853	20.0000	19.7	
120 cis-Decalin	138	10.816	10.822	(1.074)	21108	20.0000	19.1	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	148317	20.0000	19.6	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	6119	20.0000	18.8	
123 n-Dodecane	43	11.590	11.590	(1.151)	25365	20.0000	30.4(Q)	
124 1,2,4-Trichlorobenzene	180	12.194	12.200	(1.211)	38139	20.0000	19.4	
125 Hexachloro-1,3-butadiene	225	12.389	12.389	(1.230)	15631	20.0000	19.5	
126 Naphthalene	128	12.566	12.566	(1.248)	87913	20.0000	19.3	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	29017	20.0000	19.4	

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Report Date: 18-Aug-2020 15:13

QC Flag Legend

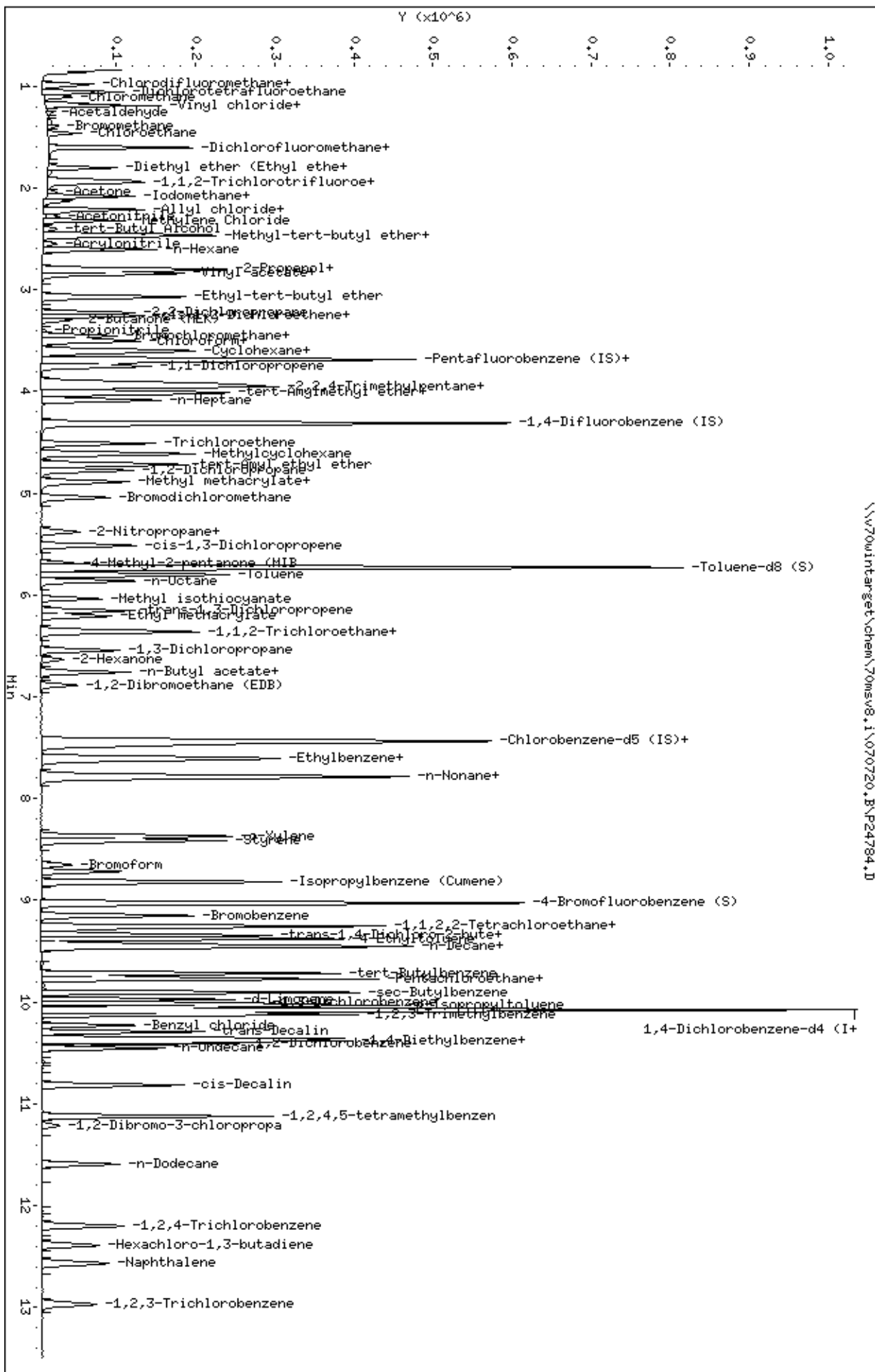
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

:

GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).

LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24784.D

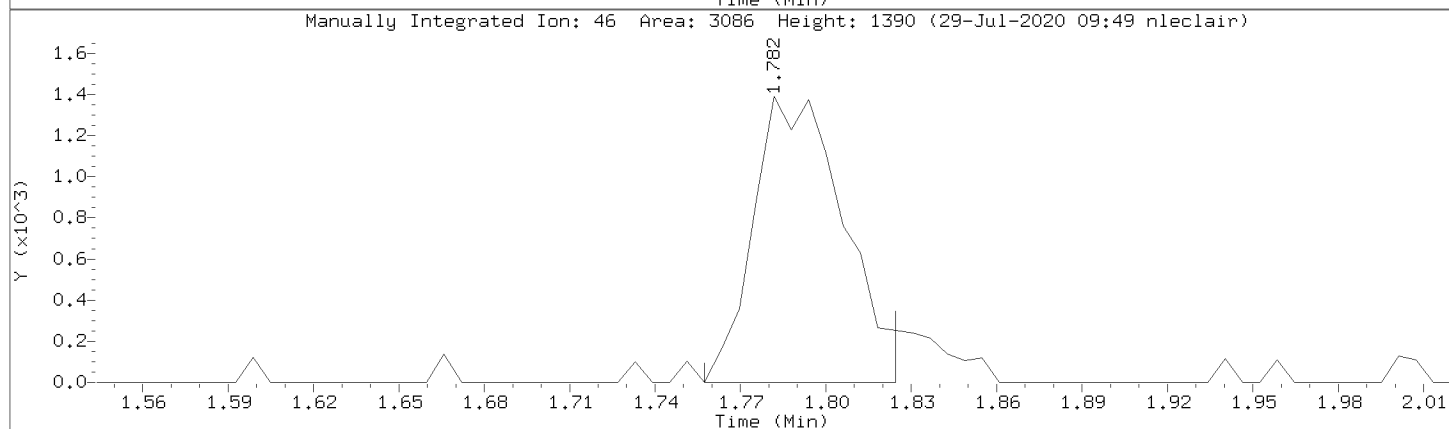
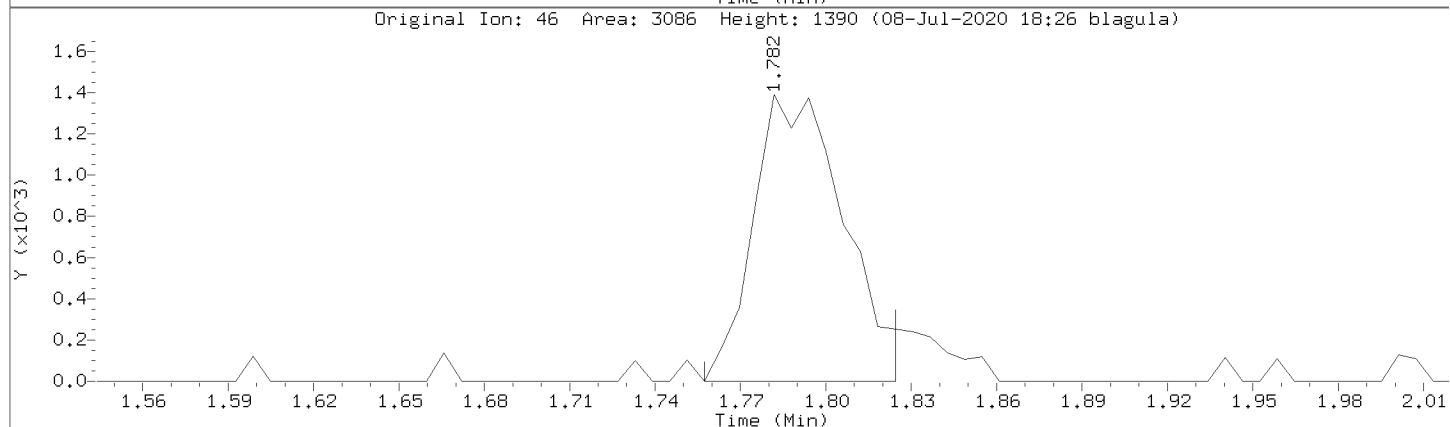
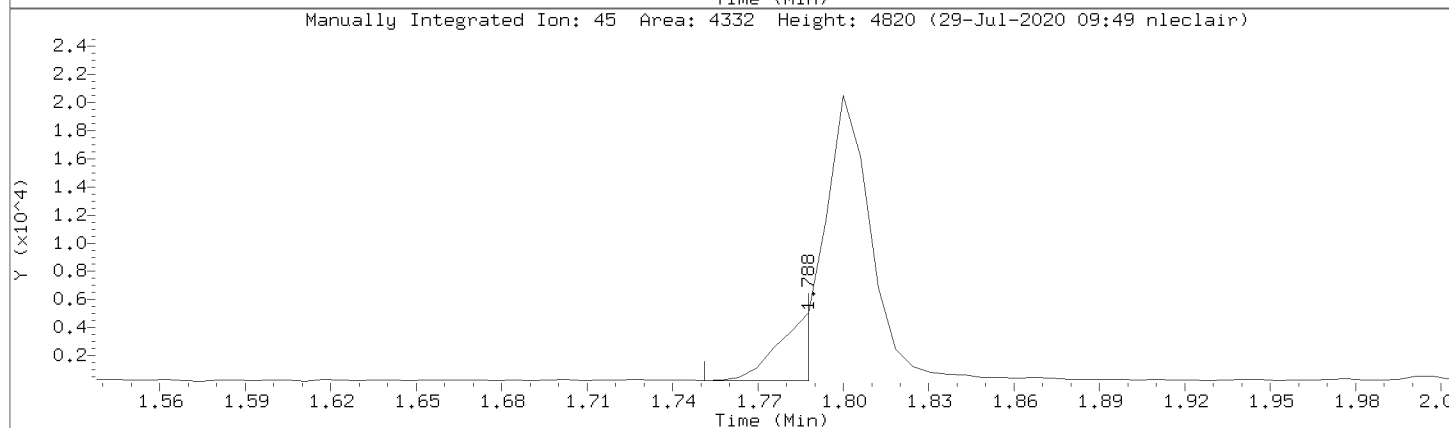
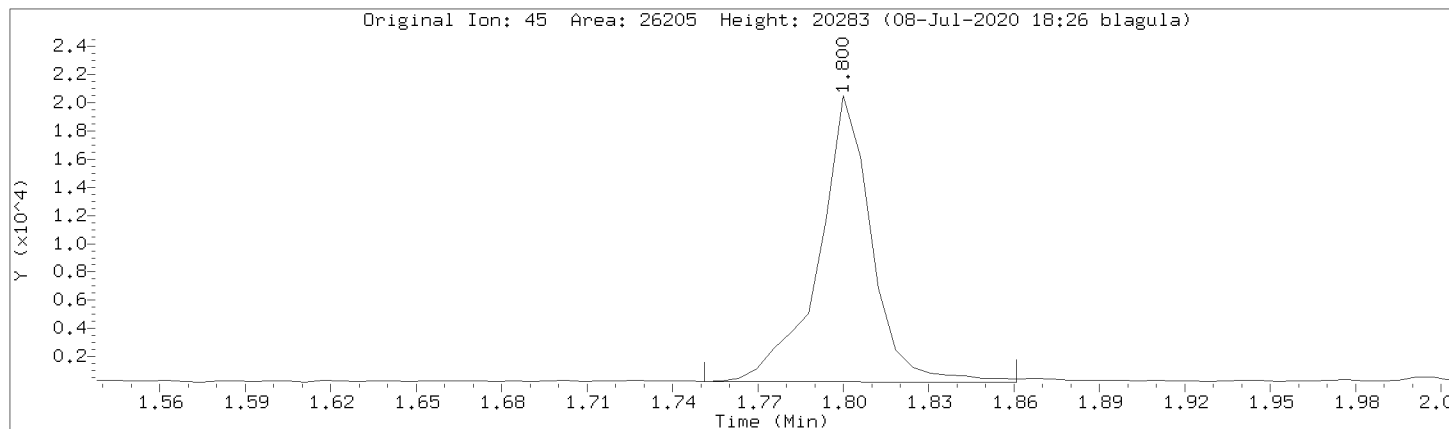
Injection Date: 07-JUL-2020 18:22

Instrument: 70msv8.i

Lab Sample ID: CAL5

Compound: Ethanol Review Code: GT

CAS Number:



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Injection Date: 07-JUL-2020 18:22

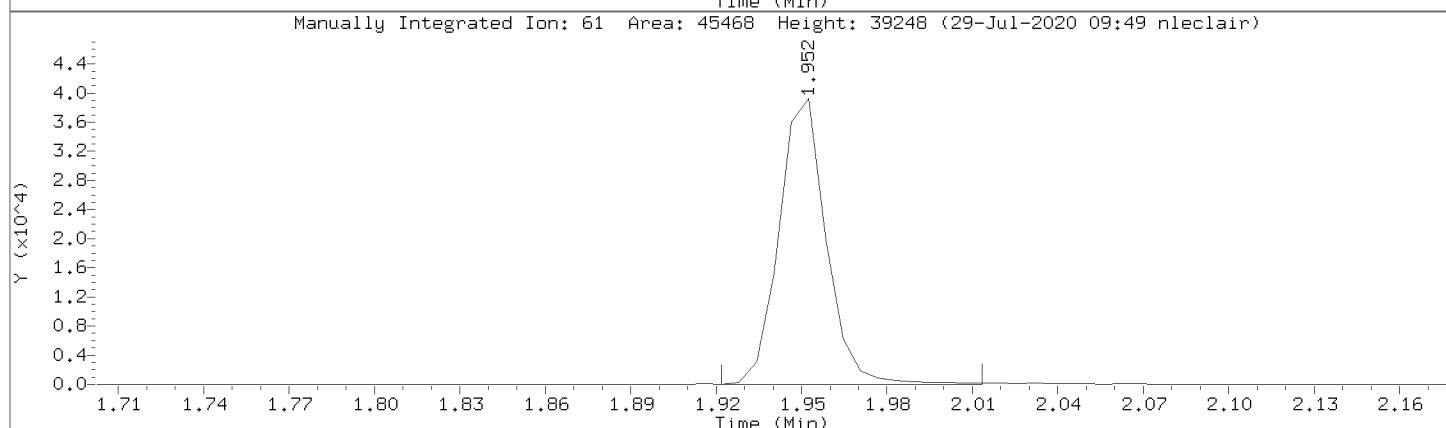
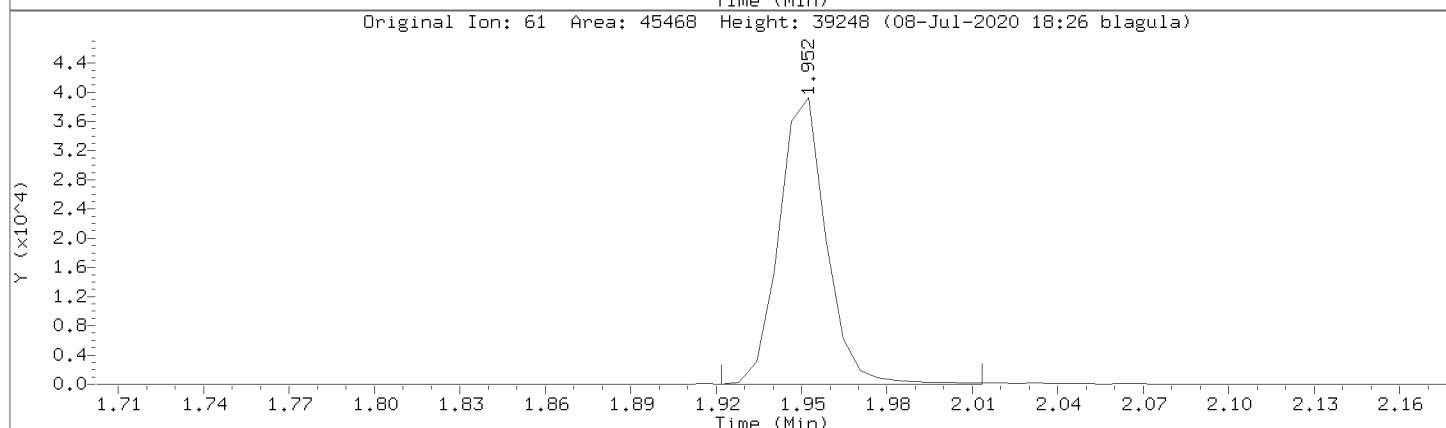
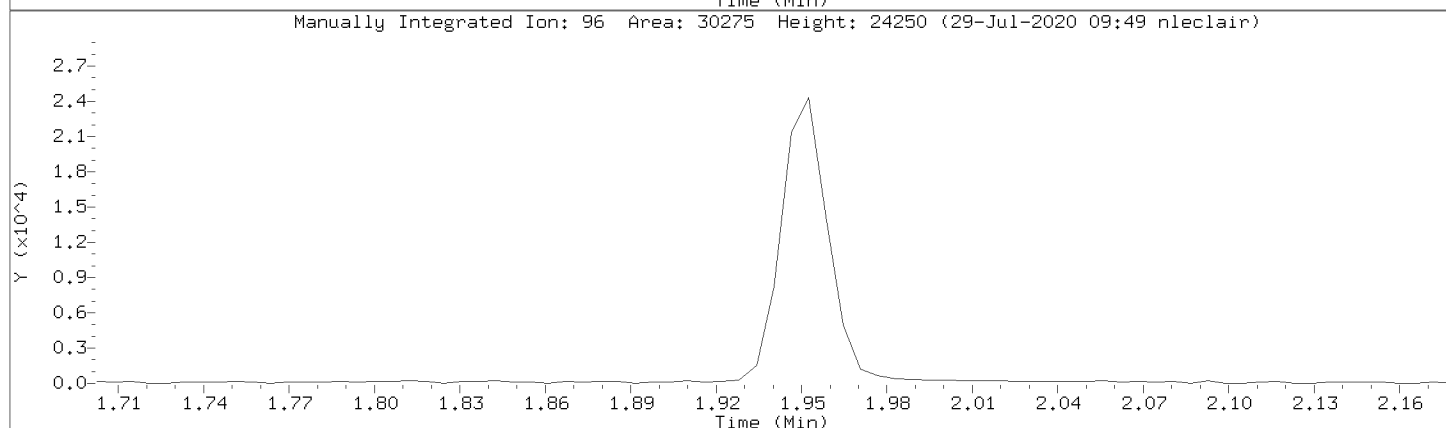
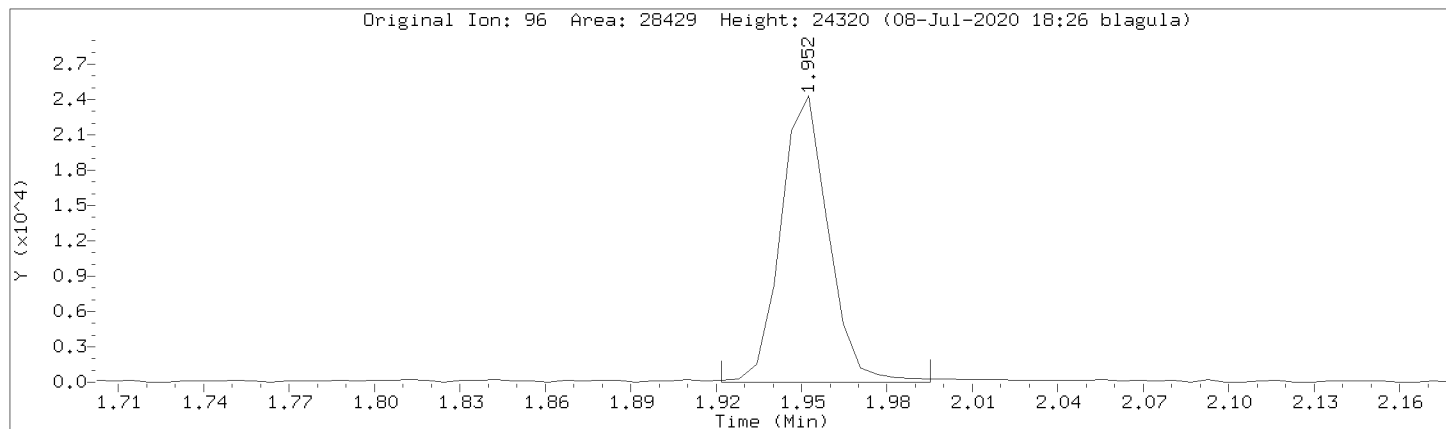
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Lab Sample ID: CAL5

Compound: 1,1-Dichloroethene

Review Code: LT

CAS Number: 75-35-4



Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24785.D
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 Inj Date : 07-JUL-2020 18:45 MS Autotune Date: 07-JUL-2020 13:1
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 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 18:45 Cal File: P24785.D
 Als bottle: 9 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	91166	50.0000	48.7	
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	50392	50.0000	52.1	
3 Dichlorodifluoromethane	85		0.977	0.977	(0.265)	92318	50.0000	51.0 (Q)	
4 Chloromethane	50		1.105	1.111	(0.299)	59522	50.0000	48.8	
5 Vinyl chloride	62		1.172	1.172	(0.318)	70679	50.0000	50.9	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	71424	50.0000	50.8	
7 Acetaldehyde	44		1.263	1.263	(0.342)	7738	50.0000	43.5	
8 Bromomethane	94		1.391	1.391	(0.377)	11590	50.0000	51.7	
9 Chloroethane	64		1.464	1.464	(0.397)	56429	50.0000	50.6	
10 Dichlorofluoromethane	67		1.605	1.605	(0.435)	142599	50.0000	50.3	
11 Trichlorofluoromethane	101		1.598	1.598	(0.433)	135470	50.0000	52.0	
12 Ethanol	45		1.787	1.787	(0.485)	10656	1250.00	1190 (QM)	GT
13 Diethyl ether (Ethyl ether)	59		1.800	1.800	(0.488)	70591	50.0000	48.7	
16 1,1,2-Trichlorotrifluoroethane	101		1.928	1.928	(0.523)	85301	50.0000	51.6	
14 Acrolein	56		1.934	1.934	(0.524)	12438	50.0000	49.2	
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	71115	50.0000	45.5	
17 Acetone	43		2.043	2.043	(0.554)	19334	50.0000	51.1	
18 Iodomethane	142		2.068	2.068	(0.561)	23864	50.0000	47.1	
19 2-Propanol	45		2.799	2.799	(0.759)	292368	1250.00	1250	
20 Carbon disulfide	76		2.086	2.086	(0.565)	229899	50.0000	48.4	
21 Allyl chloride	76		2.214	2.214	(0.600)	50911	50.0000	49.2	
22 Acetonitrile	41		2.281	2.281	(0.618)	43421	250.000	260	
23 Methyl acetate	43		2.239	2.239	(0.607)	55196	50.0000	48.3	

Compounds	QUANT	SIG						AMOUNTS		REVIEW C
			MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
24 Methylene Chloride	84		2.318	2.318	(0.628)	87124	50.0000	48.5		
25 tert-Butyl Alcohol	59		2.403	2.403	(0.651)	31369	250.000	253		
28 Methyl-tert-butyl ether	73		2.458	2.458	(0.666)	273914	50.0000	50.0		
27 trans-1,2-Dichloroethene	96		2.470	2.470	(0.670)	87734	50.0000	49.9		
26 Acrylonitrile	53		2.549	2.549	(0.691)	24115	50.0000	45.5		
30 n-Hexane	57		2.604	2.604	(0.706)	128190	50.0000	50.9		
29 Diisopropyl ether	45		2.799	2.799	(0.759)	292368	50.0000	49.8		
32 Vinyl acetate	43		2.842	2.842	(0.770)	182444	50.0000	50.4		
31 1,1-Dichloroethane	63		2.812	2.812	(0.762)	161595	50.0000	49.8		
33 Chloroprene	53		2.842	2.848	(0.770)	135212	50.0000	50.0		
34 Ethyl-tert-butyl ether	59		3.068	3.068	(0.831)	303432	50.0000	50.3		
36 2,2-Dichloropropane	77		3.226	3.226	(0.874)	148125	50.0000	49.1		
35 cis-1,2-Dichloroethene	96		3.257	3.257	(0.883)	104617	50.0000	50.1		
39 Ethyl acetate	61		3.257	3.257	(0.883)	149845	50.0000	50.2 (Q)		
37 2-Butanone (MEK)	43		3.299	3.293	(0.894)	89987	50.0000	51.0		
41 Bromochloromethane	128		3.452	3.452	(0.936)	46019	50.0000	51.0		
42 Tetrahydrofuran	42		3.464	3.464	(0.939)	20902	50.0000	49.3		
43 Chloroform	83		3.507	3.507	(0.950)	168247	50.0000	49.9		
38 Propionitrile	54		3.403	3.403	(0.922)	9644	50.0000	47.3		
46 Cyclohexane	56		3.598	3.592	(0.975)	173873	50.0000	50.7		
45 1,1,1-Trichloroethane	97		3.616	3.616	(0.838)	155764	50.0000	49.7		
* 44 Pentafluorobenzene (IS)	168		3.690	3.690	(1.000)	236153	50.0000			
48 Carbon tetrachloride	117		3.720	3.720	(0.862)	150486	50.0000	51.6		
47 1,1-Dichloropropene	75		3.757	3.757	(0.870)	132377	50.0000	49.1		
55 2,2,4-Trimethylpentane	57		3.909	3.909	(1.059)	255404	50.0000	51.6		
51 Benzene	78		3.927	3.927	(0.910)	368955	50.0000	49.4		
40 Methacrylonitrile	67		3.488	3.488	(0.945)	32696	50.0000	46.5		
\$ 50 1,2-Dichloroethane-d4 (S)	65		3.952	3.952	(0.915)	156865	50.0000	49.9		
56 tert-Amylmethyl ether	73		4.007	4.007	(1.086)	274601	50.0000	50.6		
52 1,2-Dichloroethane	62		4.019	4.019	(1.089)	132329	50.0000	50.3		
57 n-Heptane	43		4.086	4.086	(1.107)	131952	50.0000	51.5 (H)		
* 58 1,4-Difluorobenzene (IS)	114		4.317	4.317	(1.000)	416864	50.0000			
59 Trichloroethene	95		4.513	4.513	(1.045)	105826	50.0000	50.3		
60 Methylcyclohexane	83		4.610	4.610	(1.068)	194301	50.0000	50.1		
49 Isobutanol	43		3.909	3.909	(1.059)	56248	250.000	252		
53 tert-Amyl Alcohol	59		Compound Not Detected.							(D)
54 tert-Amyl ethyl ether	59		4.720	4.720	(1.279)	236160	50.0000	50.3		
61 1,2-Dichloropropane	63		4.775	4.775	(1.106)	93813	50.0000	49.3		
63 Methyl methacrylate	69		4.884	4.878	(1.131)	57050	50.0000	46.2		
64 1,4-Dioxane (p-Dioxane)	88		4.903	4.903	(1.136)	17806	1250.00	1280		
62 Dibromomethane	93		4.891	4.890	(1.133)	56647	50.0000	48.7		
65 Bromodichloromethane	83		5.043	5.043	(1.168)	132520	50.0000	49.7		
66 2-Nitropropane	43		5.378	5.378	(1.246)	53048	50.0000	52.5		
67 2-Chloroethylvinyl ether	63		5.384	5.384	(1.247)	42817	50.0000	52.6		
68 cis-1,3-Dichloropropene	75		5.512	5.512	(1.277)	158076	50.0000	50.0		
69 4-Methyl-2-pentanone (MIBK)	43		5.683	5.683	(1.316)	70055	50.0000	51.5		
\$ 70 Toluene-d8 (S)	98		5.732	5.732	(0.771)	516064	50.0000	50.3		
71 Toluene	91		5.805	5.805	(1.344)	435729	50.0000	49.6		
72 Methyl isothiocyanate	73		6.037	6.037	(1.398)	132976	125.000	126		
74 trans-1,3-Dichloropropene	75		6.152	6.152	(1.425)	142878	50.0000	49.6		
75 Ethyl methacrylate	69		6.207	6.207	(1.438)	111993	50.0000	49.7		
76 1,1,2-Trichloroethane	83		6.354	6.354	(1.472)	71438	50.0000	48.8		
77 Tetrachloroethene	166		6.366	6.366	(0.856)	97090	50.0000	51.0		
78 1,3-Dichloropropane	76		6.543	6.543	(0.880)	138747	50.0000	50.4		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	45724	50.0000	49.4	
73 n-Octane	43	5.866	5.866	(1.359)	121951	50.0000	50.5 (Q)	
81 n-Butyl acetate	43	6.762	6.634	(1.566)	99693	50.0000	48.2	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	88135	50.0000	51.7	
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.594)	82320	50.0000	50.1	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	206618	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.006)	269607	50.0000	50.5	
86 Ethylbenzene	106	7.603	7.603	(1.023)	159771	50.0000	50.5	
85 1,1,1,2-Tetrachloroethane	131	7.616	7.616	(1.025)	91909	50.0000	51.5	
88 n-Nonane	43	7.768	7.768	(1.045)	79150	50.0000	47.4 (Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	391672	100.000	102	
89 o-Xylene	106	8.372	8.372	(1.126)	186915	50.0000	50.5	
90 Styrene	104	8.414	8.414	(1.132)	316766	50.0000	51.2	
91 Bromoform	173	8.652	8.652	(1.164)	46382	50.0000	51.9	
92 Isopropylbenzene (Cumene)	105	8.823	8.817	(0.876)	513109	50.0000	50.0	
\$ 93 4-Bromofluorobenzene (S)	95	9.030	9.024	(1.215)	200236	50.0000	50.2	
94 Bromobenzene	156	9.152	9.152	(0.909)	108800	50.0000	49.9	
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	96464	50.0000	49.7	
98 n-Propylbenzene	91	9.256	9.256	(0.919)	619774	50.0000	50.3	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	29305	50.0000	50.4	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	27076	50.0000	47.1	
103 n-Decane	43	9.426	9.426	(1.268)	69543	50.0000	47.6 (Q)	
99 2-Chlorotoluene	91	9.347	9.347	(0.928)	364308	50.0000	49.4	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	530538	50.0000	50.6	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	429638	50.0000	50.5	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	412339	50.0000	49.4	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	365516	50.0000	50.7	
105 Pentachloroethane	167	9.755	9.755	(0.969)	60381	50.0000	52.5	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	426923	50.0000	50.3	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	553900	50.0000	51.2	
109 d-Limonene	136	9.975	9.975	(1.342)	19213	50.0000	49.4	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	459842	50.0000	50.0	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	211402	50.0000	50.9	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	180852	50.0000		
112 1,4-Dichlorobenzene	146	10.097	10.097	(1.002)	214675	50.0000	50.5	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	435392	50.0000	50.0	
114 Benzyl chloride	91	10.231	10.231	(1.016)	185335	50.0000	52.6	
115 trans-Decalin	138	10.292	10.298	(1.022)	72064	50.0000	50.4	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	258766	50.0000	51.1	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	516841	50.0000	51.1	
119 n-Undecane	43	10.450	10.450	(1.038)	58672	50.0000	50.3 (Q)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	196744	50.0000	51.0	
120 cis-Decalin	138	10.816	10.822	(1.074)	56011	50.0000	50.4	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	388292	50.0000	51.1	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	16356	50.0000	49.9	
123 n-Dodecane	43	11.590	11.590	(1.151)	36682	50.0000	51.4 (Q)	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	102490	50.0000	51.9	
125 Hexachloro-1,3-butadiene	225	12.389	12.389	(1.230)	42233	50.0000	52.5	
126 Naphthalene	128	12.566	12.566	(1.248)	231756	50.0000	50.6	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	77869	50.0000	51.9	

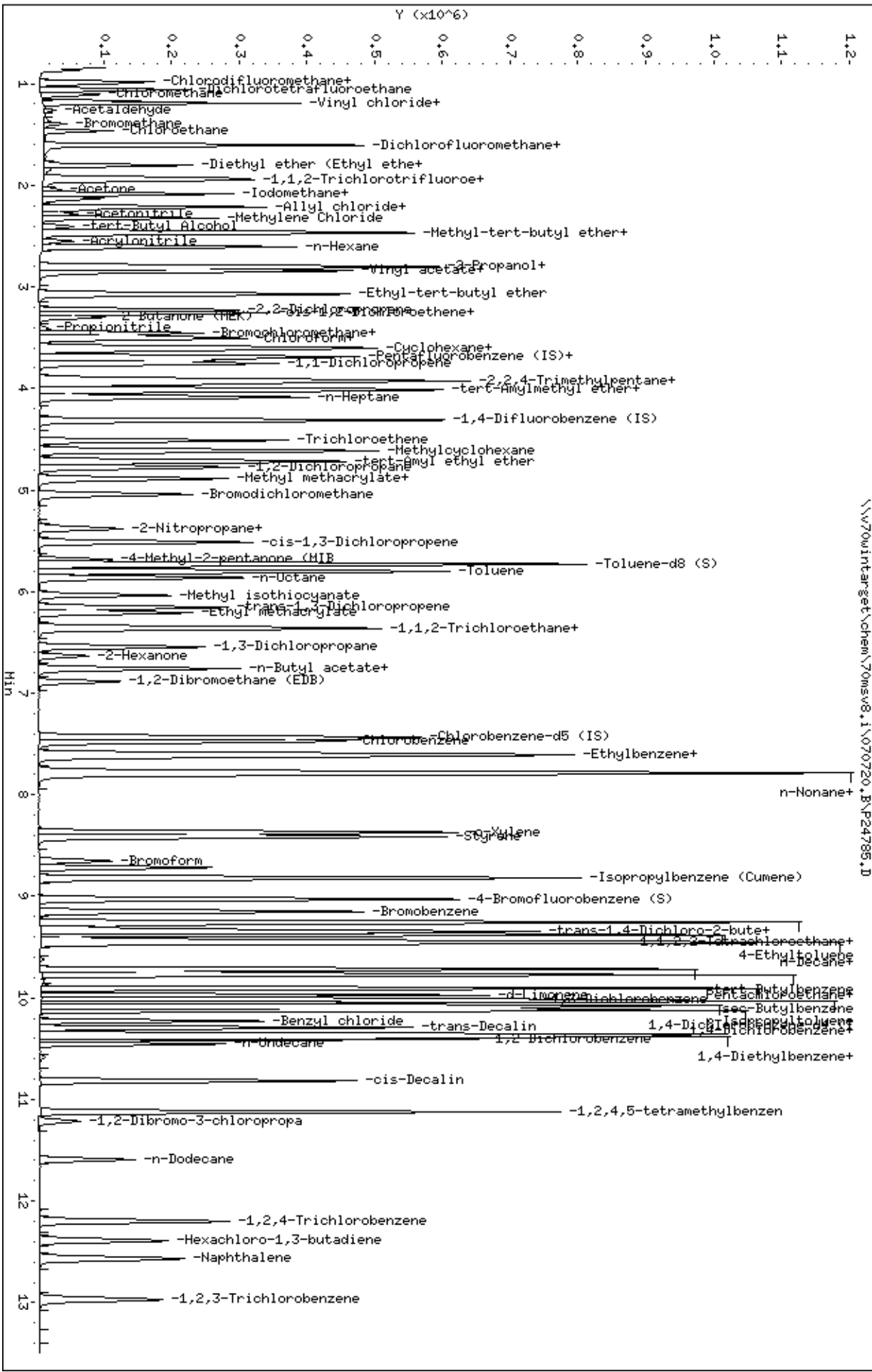
Data File: \\v70wintarget\chem\70msv8.i\070720.B\P24785.D
Report Date: 18-Aug-2020 15:13

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

:
GT: Indicates that the peak in question was inappropriately
integrated to an area greater than it should be (e.g., Peak
tailing).



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24785.D

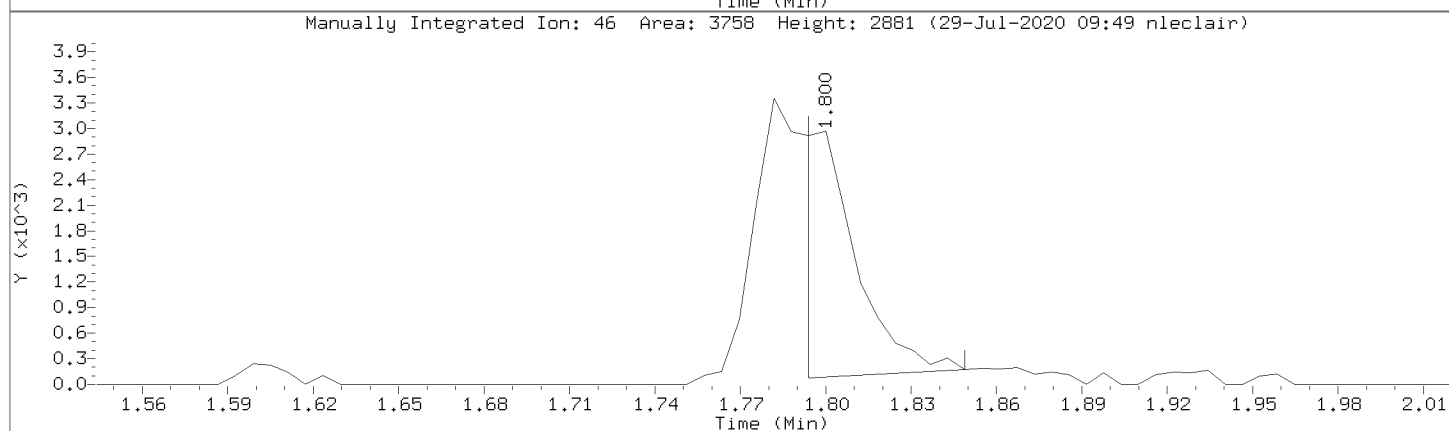
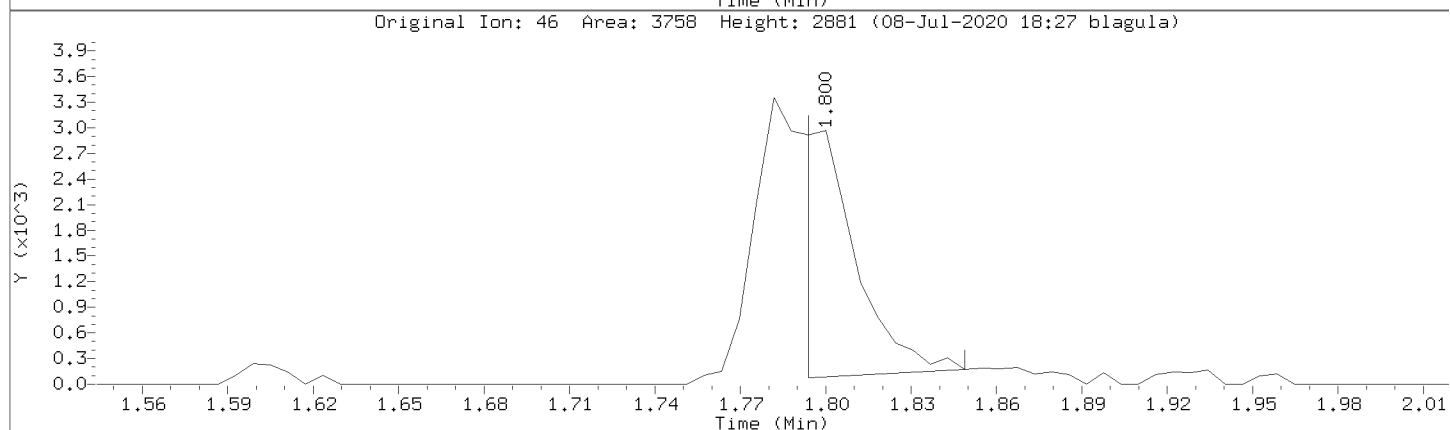
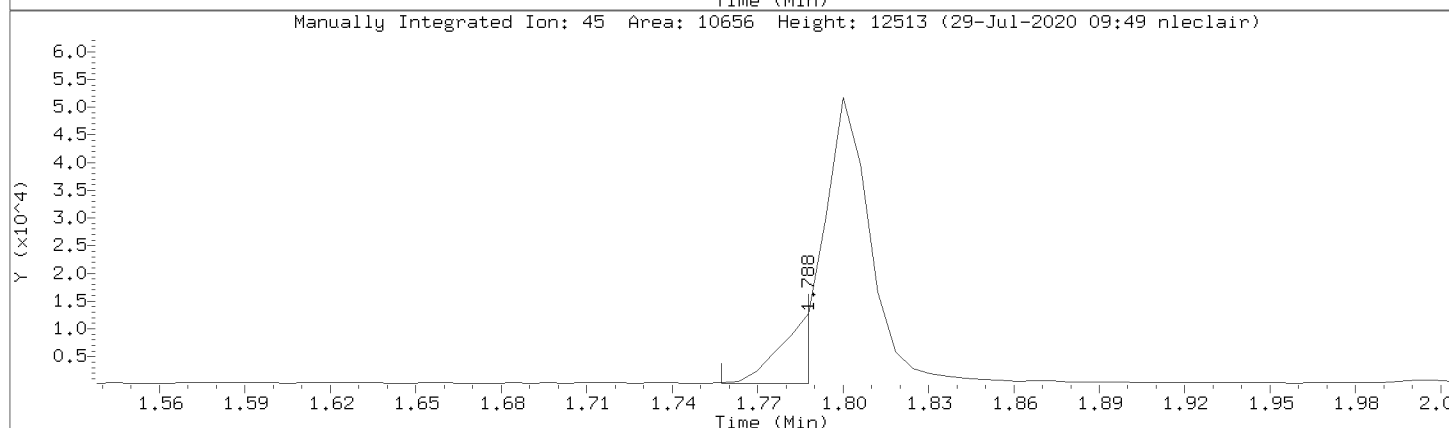
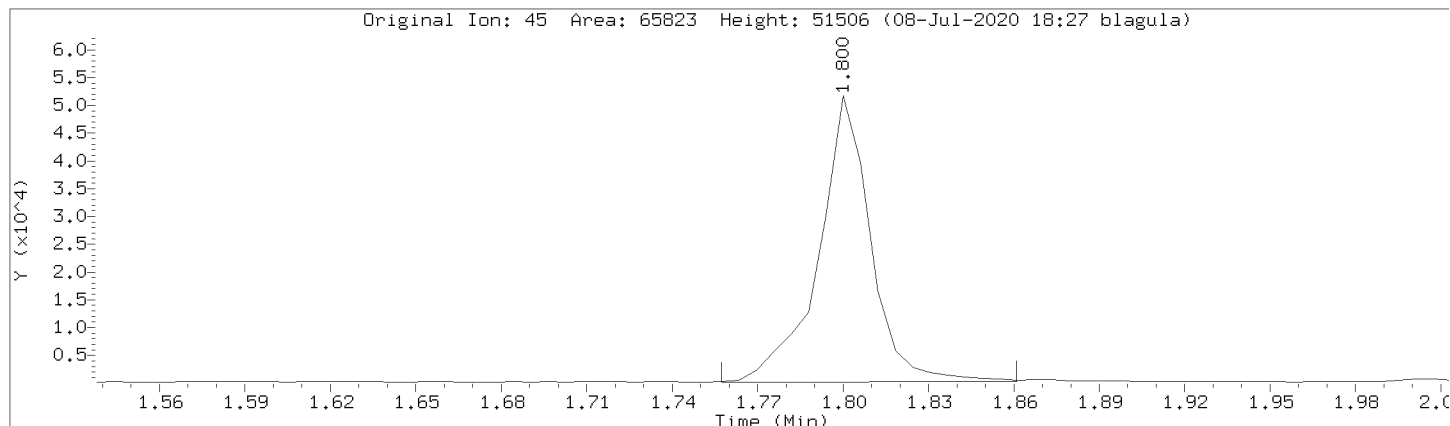
Injection Date: 07-JUL-2020 18:45

Instrument: 70msv8.i

Lab Sample ID: CAL6

Compound: Ethanol Review Code: GT

CAS Number:



Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24786.D
 Lab Smp Id: CAL7 Client Smp ID: CAL7
 Inj Date : 07-JUL-2020 19:08 MS Autotune Date: 07-JUL-2020 13:1
 Operator : GKB Inst ID: 70msv8.i
 Smp Info : cal7, 93567:1
 Misc Info : 9446,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\070720.B\070720_8260W.m
 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:08 Cal File: P24786.D
 Als bottle: 10 Calibration Sample, Level: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	192139	100.000	101	
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	105148	100.000	106	
3 Dichlorodifluoromethane	85		0.977	0.977	(0.265)	189817	100.000	103	
4 Chloromethane	50		1.105	1.111	(0.299)	130092	100.000	104	
5 Vinyl chloride	62		1.172	1.172	(0.318)	151639	100.000	107	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	146108	100.000	102	
7 Acetaldehyde	44		1.263	1.263	(0.342)	19138	100.000	105	
8 Bromomethane	94		1.391	1.391	(0.377)	30746	100.000	98.9	
9 Chloroethane	64		1.464	1.464	(0.397)	110802	100.000	97.3	
10 Dichlorofluoromethane	67		1.604	1.605	(0.435)	297946	100.000	103	
11 Trichlorofluoromethane	101		1.604	1.598	(0.435)	279594	100.000	105	
12 Ethanol	45		1.787	1.787	(0.485)	20392	2500.00	2230 (QM)	GT
13 Diethyl ether (Ethyl ether)	59		1.800	1.800	(0.488)	149156	100.000	101	
16 1,1,2-Trichlorotrifluoroethane	101		1.928	1.928	(0.523)	175860	100.000	104	
14 Acrolein	56		1.934	1.934	(0.524)	24421	100.000	94.6	
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	146901	100.000	92.2	
17 Acetone	43		2.043	2.043	(0.554)	36098	100.000	97.2	
18 Iodomethane	142		2.068	2.068	(0.561)	64005	100.000	103	
19 2-Propanol	45		2.799	2.799	(0.759)	601444	2500.00	2510	
20 Carbon disulfide	76		2.086	2.086	(0.565)	477538	100.000	98.6	
21 Allyl chloride	76		2.214	2.214	(0.600)	105077	100.000	99.4	
22 Acetonitrile	41		2.281	2.281	(0.618)	73898	500.000	434 (Q)	
23 Methyl acetate	43		2.239	2.239	(0.607)	112913	100.000	96.8	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C	
						CAL-AMT (ug/L)	ON-COL (ug/L)		
24 Methylene Chloride	84	2.318	2.318	(0.628)	180239	100.000	98.3		
25 tert-Butyl Alcohol	59	2.403	2.403	(0.651)	62590	500.000	495		
28 Methyl-tert-butyl ether	73	2.458	2.458	(0.666)	568669	100.000	102		
27 trans-1,2-Dichloroethene	96	2.470	2.470	(0.670)	182652	100.000	102		
26 Acrylonitrile	53	2.549	2.549	(0.691)	49358	100.000	91.3		
30 n-Hexane	57	2.604	2.604	(0.706)	268194	100.000	104		
29 Diisopropyl ether	45	2.799	2.799	(0.759)	601444	100.000	100		
32 Vinyl acetate	43	2.842	2.842	(0.770)	379494	100.000	103		
31 1,1-Dichloroethane	63	2.812	2.812	(0.762)	335937	100.000	101		
33 Chloroprene	53	2.848	2.848	(0.772)	282561	100.000	102		
34 Ethyl-tert-butyl ether	59	3.068	3.068	(0.831)	632987	100.000	103		
36 2,2-Dichloropropane	77	3.226	3.226	(0.874)	307188	100.000	99.7		
35 cis-1,2-Dichloroethene	96	3.257	3.257	(0.883)	218726	100.000	103		
39 Ethyl acetate	61	3.257	3.257	(0.883)	314425	100.000	103 (Q)		
37 2-Butanone (MEK)	43	3.299	3.293	(0.894)	182860	100.000	102		
41 Bromochloromethane	128	3.452	3.452	(0.936)	94516	100.000	103		
42 Tetrahydrofuran	42	3.464	3.464	(0.939)	42874	100.000	99.1		
43 Chloroform	83	3.507	3.507	(0.950)	348254	100.000	101		
38 Propionitrile	54	3.403	3.403	(0.922)	19699	100.000	94.7		
46 Cyclohexane	56	3.598	3.592	(0.975)	366423	100.000	105		
45 1,1,1-Trichloroethane	97	3.616	3.616	(0.838)	327142	100.000	103		
* 44 Pentafluorobenzene (IS)	168	3.689	3.690	(1.000)	241037	50.0000			
48 Carbon tetrachloride	117	3.720	3.720	(0.862)	291365	100.000	98.4		
47 1,1-Dichloropropene	75	3.757	3.757	(0.870)	276325	100.000	101		
55 2,2,4-Trimethylpentane	57	3.909	3.909	(1.059)	545796	100.000	108		
51 Benzene	78	3.927	3.927	(0.910)	772591	100.000	102		
40 Methacrylonitrile	67	3.488	3.488	(0.945)	68179	100.000	95.0		
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.915)	156400	50.0000	49.0		
56 tert-Amylmethyl ether	73	4.006	4.007	(1.086)	568579	100.000	102		
52 1,2-Dichloroethane	62	4.019	4.019	(1.089)	270502	100.000	101		
57 n-Heptane	43	4.086	4.086	(1.107)	277389	100.000	106 (H)		
* 58 1,4-Difluorobenzene (IS)	114	4.317	4.317	(1.000)	423086	50.0000			
59 Trichloroethene	95	4.512	4.513	(1.045)	218790	100.000	102		
60 Methylcyclohexane	83	4.610	4.610	(1.068)	407640	100.000	103		
49 Isobutanol	43	3.909	3.909	(1.059)	119514	500.000	524		
53 tert-Amyl Alcohol	59	Compound Not Detected.							(D)
54 tert-Amyl ethyl ether	59	4.720	4.720	(1.279)	498561	100.000	104		
61 1,2-Dichloropropane	63	4.775	4.775	(1.106)	196922	100.000	102		
63 Methyl methacrylate	69	4.884	4.878	(1.131)	119669	100.000	95.5		
64 1,4-Dioxane (p-Dioxane)	88	4.903	4.903	(1.136)	34817	2500.00	2460		
62 Dibromomethane	93	4.890	4.890	(1.133)	119253	100.000	101		
65 Bromodichloromethane	83	5.043	5.043	(1.168)	276341	100.000	102		
66 2-Nitropropane	43	5.378	5.378	(1.246)	108425	100.000	106		
67 2-Chloroethylvinyl ether	63	5.384	5.384	(1.247)	85655	100.000	104		
68 cis-1,3-Dichloropropene	75	5.512	5.512	(1.277)	329490	100.000	103		
69 4-Methyl-2-pentanone (MIBK)	43	5.689	5.683	(1.318)	141346	100.000	102		
\$ 70 Toluene-d8 (S)	98	5.732	5.732	(0.771)	522509	50.0000	50.1		
71 Toluene	91	5.805	5.805	(1.345)	915837	100.000	103		
72 Methyl isothiocyanate	73	6.037	6.037	(1.398)	277165	250.000	260 (A)		
74 trans-1,3-Dichloropropene	75	6.152	6.152	(1.425)	297602	100.000	102		
75 Ethyl methacrylate	69	6.207	6.207	(1.438)	231817	100.000	101		
76 1,1,2-Trichloroethane	83	6.354	6.354	(1.472)	147792	100.000	99.6		
77 Tetrachloroethene	166	6.366	6.366	(0.856)	202182	100.000	105		
78 1,3-Dichloropropane	76	6.543	6.543	(0.880)	288312	100.000	103		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	93217	100.000	99.2	
73 n-Octane	43	5.866	5.866	(1.359)	258297	100.000	105	
81 n-Butyl acetate	43	6.762	6.634	(1.566)	203999	100.000	97.2	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	185411	100.000	107	
82 1,2-Dibromoethane (EDB)	107	6.890	6.884	(1.596)	171382	100.000	103	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	209812	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.006)	562147	100.000	104	
86 Ethylbenzene	106	7.603	7.603	(1.023)	337010	100.000	105	
85 1,1,1,2-Tetrachloroethane	131	7.616	7.616	(1.025)	192165	100.000	106	
88 n-Nonane	43	7.768	7.768	(1.045)	177346	100.000	104	
87 m&p-Xylene	106	7.786	7.786	(1.048)	817124	200.000	210	
89 o-Xylene	106	8.371	8.372	(1.126)	390266	100.000	104	
90 Styrene	104	8.414	8.414	(1.132)	663153	100.000	106	
91 Bromoform	173	8.652	8.652	(1.164)	99957	100.000	110	
92 Isopropylbenzene (Cumene)	105	8.823	8.817	(0.876)	1068592	100.000	105	
\$ 93 4-Bromofluorobenzene (S)	95	9.030	9.024	(1.215)	201710	50.0000	49.8	
94 Bromobenzene	156	9.152	9.152	(0.909)	227448	100.000	105	
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	197051	100.000	102	
98 n-Propylbenzene	91	9.255	9.256	(0.919)	1300943	100.000	106	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	57389	100.000	99.3(Q)	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	56496	100.000	99.0	
103 n-Decane	43	9.426	9.426	(1.268)	146882	100.000	98.9	
99 2-Chlorotoluene	91	9.347	9.347	(0.928)	768537	100.000	105	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	1106693	100.000	106	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	903087	100.000	107	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	866549	100.000	104	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	767340	100.000	107	
105 Pentachloroethane	167	9.755	9.755	(0.969)	128144	100.000	112	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	902540	100.000	107	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	1166027	100.000	108	
109 d-Limonene	136	9.975	9.975	(1.342)	42984	100.000	109	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	973517	100.000	106	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	442449	100.000	107	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	179622	50.0000		
112 1,4-Dichlorobenzene	146	10.097	10.097	(1.002)	442321	100.000	105	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	914485	100.000	106	
114 Benzyl chloride	91	10.231	10.231	(1.016)	388230	100.000	111	
115 trans-Decalin	138	10.298	10.298	(1.022)	157976	100.000	111	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	548306	100.000	109	
117 n-Butylbenzene	91	10.383	10.377	(1.031)	1101008	100.000	110	
119 n-Undecane	43	10.450	10.450	(1.038)	101485	100.000	97.9	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	403002	100.000	105	
120 cis-Decalin	138	10.822	10.822	(1.074)	121033	100.000	110	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	826868	100.000	110	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	33222	100.000	102	
123 n-Dodecane	43	11.590	11.590	(1.151)	54614	100.000	93.6	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	216197	100.000	110	
125 Hexachloro-1,3-butadiene	225	12.389	12.389	(1.230)	90801	100.000	114	
126 Naphthalene	128	12.566	12.566	(1.248)	484852	100.000	107	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	164828	100.000	110	

Data File: \\v70wintarget\chem\70msv8.i\070720.B\P24786.D
Report Date: 18-Aug-2020 15:13

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.
- D - User disabled compound identification.

Review Codes Legend

- :
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).

Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24786.D

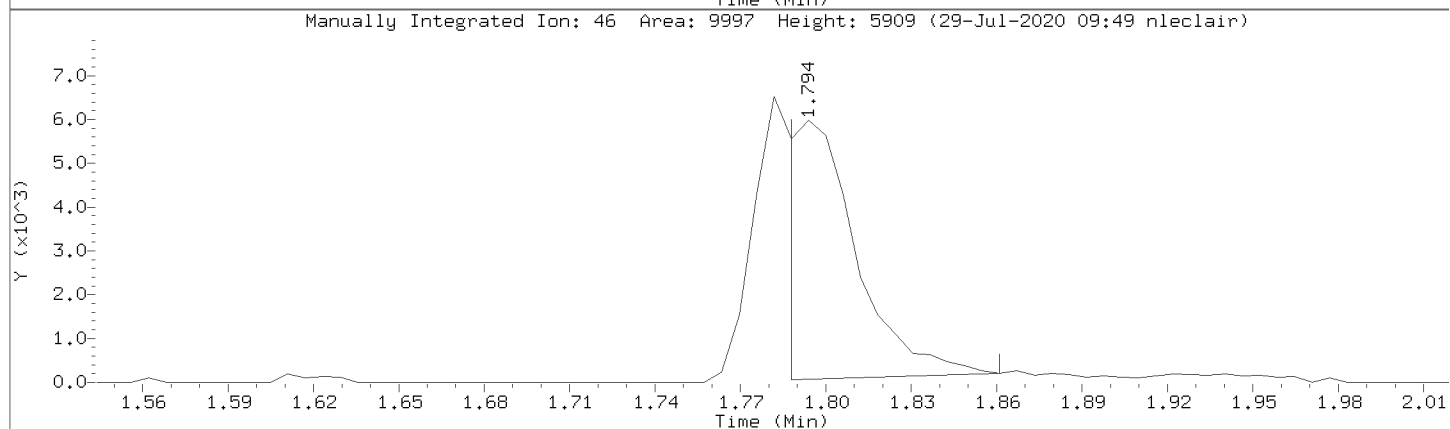
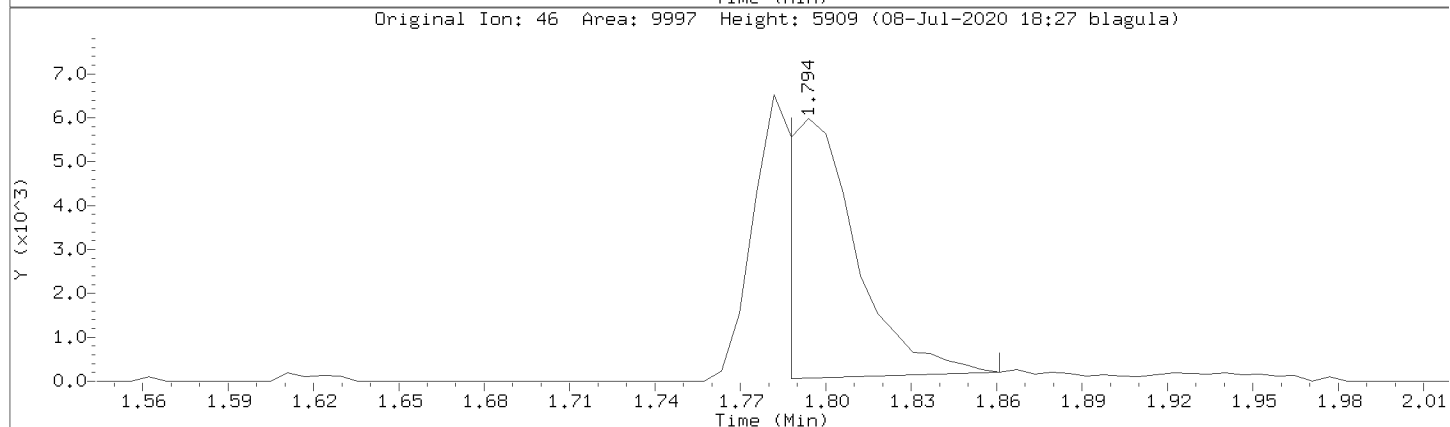
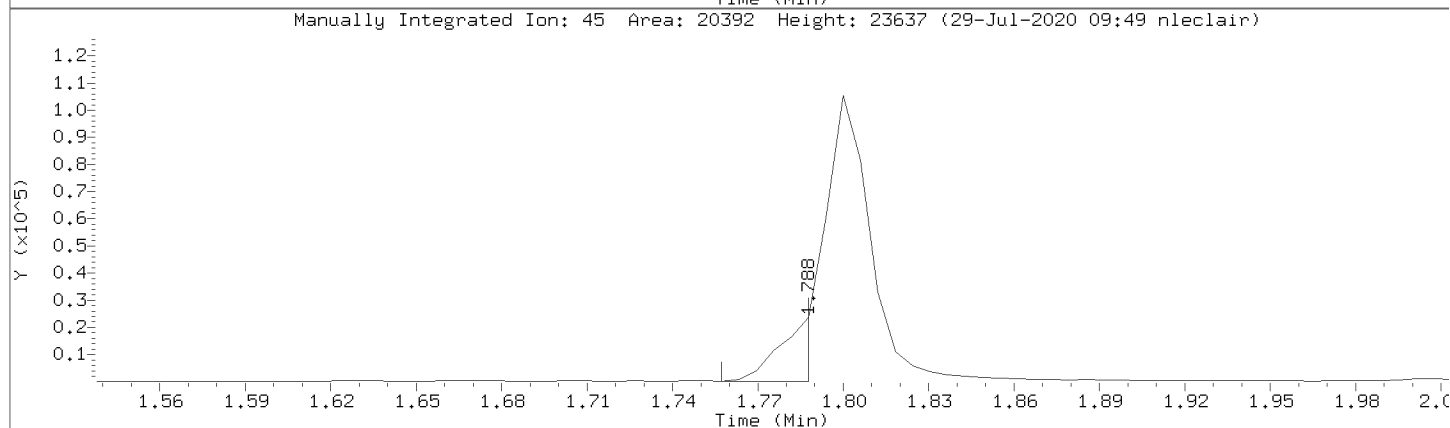
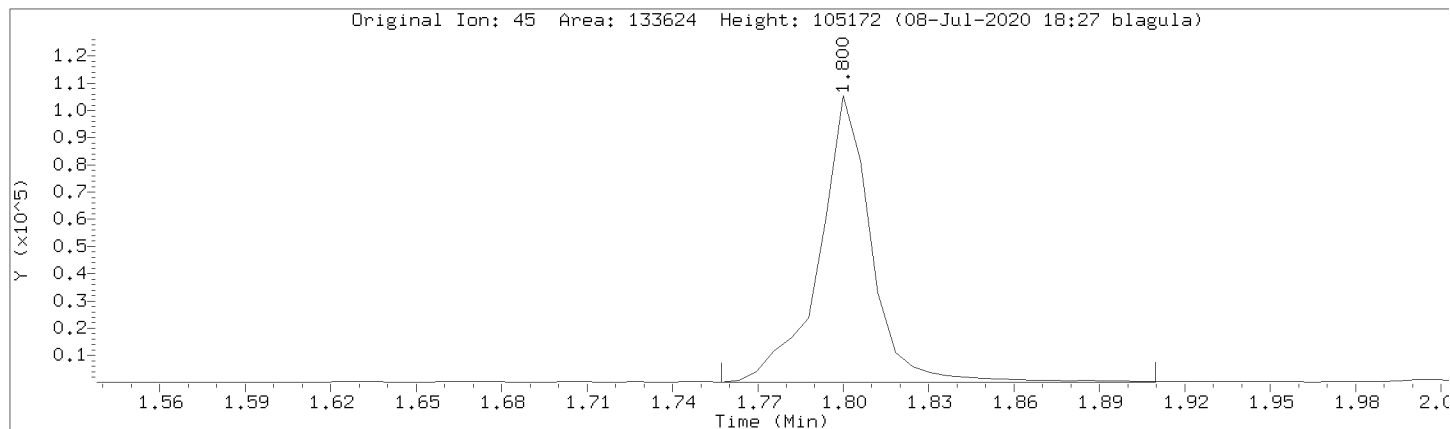
Injection Date: 07-JUL-2020 19:08

Instrument: 70msv8.i

Lab Sample ID: CAL7

Compound: Ethanol Review Code: GT

CAS Number:



Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24787.D
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 Inj Date : 07-JUL-2020 19:31 MS Autotune Date: 07-JUL-2020 13:1
 Operator : GKB Inst ID: 70msv8.i
 Smp Info : cal8, 93568:1
 Misc Info : 9446,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\070720.B\070720_8260W.m
 Meth Date : 29-Jul-2020 09:49 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 11 Calibration Sample, Level: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	379619	200.000	200	
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	204866	200.000	208 (A)	
3 Dichlorodifluoromethane	85		0.976	0.977	(0.265)	372232	200.000	202 (AQ)	
4 Chloromethane	50		1.104	1.111	(0.299)	273468	200.000	221 (A)	
5 Vinyl chloride	62		1.172	1.172	(0.318)	310180	200.000	220 (A)	
6 1,3-Butadiene	54		1.196	1.190	(0.324)	275421	200.000	193	
7 Acetaldehyde	44		1.263	1.263	(0.342)	37584	200.000	208 (A)	
8 Bromomethane	94		1.391	1.391	(0.377)	98670	200.000	200 (A)	
9 Chloroethane	64		1.464	1.464	(0.397)	215767	200.000	190	
10 Dichlorofluoromethane	67		1.604	1.605	(0.435)	581692	200.000	202 (A)	
11 Trichlorofluoromethane	101		1.604	1.598	(0.435)	549196	200.000	208 (A)	
12 Ethanol	45		1.787	1.787	(0.484)	37630	5000.00	4140 (QM)	GT
13 Diethyl ether (Ethyl ether)	59		1.799	1.800	(0.488)	294233	200.000	200	
16 1,1,2-Trichlorotrifluoroethane	101		1.927	1.928	(0.522)	345690	200.000	206 (A)	
14 Acrolein	56		1.934	1.934	(0.524)	50700	200.000	197	
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	294553	200.000	186	
17 Acetone	43		2.043	2.043	(0.554)	72601	200.000	201 (A)	
18 Iodomethane	142		2.068	2.068	(0.561)	153737	200.000	200	
19 2-Propanol	45		2.799	2.799	(0.759)	1216630	5000.00	5110 (A)	
20 Carbon disulfide	76		2.086	2.086	(0.565)	951317	200.000	197	
21 Allyl chloride	76		2.214	2.214	(0.600)	207539	200.000	197	
22 Acetonitrile	41		2.281	2.281	(0.618)	157896	1000.00	931	
23 Methyl acetate	43		2.238	2.239	(0.607)	229875	200.000	198	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C	
						CAL-AMT (ug/L)	ON-COL (ug/L)		
24 Methylene Chloride	84	2.324	2.318 (0.630)		360133	200.000	197		
25 tert-Butyl Alcohol	59	2.403	2.403 (0.651)		126479	1000.00	1000 (A)		
28 Methyl-tert-butyl ether	73	2.458	2.458 (0.666)		1140128	200.000	205 (A)		
27 trans-1,2-Dichloroethene	96	2.476	2.470 (0.671)		364233	200.000	204 (A)		
26 Acrylonitrile	53	2.549	2.549 (0.691)		98617	200.000	183		
30 n-Hexane	57	2.604	2.604 (0.706)		535724	200.000	209 (A)		
29 Diisopropyl ether	45	2.799	2.799 (0.759)		1216630	200.000	204 (A)		
32 Vinyl acetate	43	2.842	2.842 (0.770)		767616	200.000	209 (A)		
31 1,1-Dichloroethane	63	2.811	2.812 (0.762)		666006	200.000	202 (A)		
33 Chloroprene	53	2.848	2.848 (0.772)		563774	200.000	205 (A)		
34 Ethyl-tert-butyl ether	59	3.067	3.068 (0.831)		1274017	200.000	208 (A)		
36 2,2-Dichloropropane	77	3.226	3.226 (0.874)		609417	200.000	199		
35 cis-1,2-Dichloroethene	96	3.256	3.257 (0.883)		437794	200.000	206 (A)		
39 Ethyl acetate	61	3.256	3.257 (0.883)		627294	200.000	207 (AQ)		
37 2-Butanone (MEK)	43	3.299	3.293 (0.894)		372800	200.000	208 (A)		
41 Bromochloromethane	128	3.458	3.452 (0.937)		166188	200.000	181		
42 Tetrahydrofuran	42	3.458	3.464 (0.937)		87121	200.000	202 (A)		
43 Chloroform	83	3.506	3.507 (0.950)		696119	200.000	203 (A)		
38 Propionitrile	54	3.403	3.403 (0.922)		38647	200.000	187		
46 Cyclohexane	56	3.598	3.592 (0.975)		728190	200.000	209 (A)		
45 1,1,1-Trichloroethane	97	3.616	3.616 (0.838)		650132	200.000	204 (A)		
* 44 Pentafluorobenzene (IS)	168	3.689	3.690 (1.000)		239857	50.0000			
48 Carbon tetrachloride	117	3.720	3.720 (0.862)		556638	200.000	188		
47 1,1-Dichloropropene	75	3.756	3.757 (0.870)		551806	200.000	201 (A)		
55 2,2,4-Trimethylpentane	57	3.909	3.909 (1.059)		1102405	200.000	219 (A)		
51 Benzene	78	3.927	3.927 (0.910)		1540453	200.000	203 (A)		
40 Methacrylonitrile	67	3.488	3.488 (0.945)		136696	200.000	191		
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.951	3.952 (0.915)		158014	50.0000	49.4		
56 tert-Amylmethyl ether	73	4.006	4.007 (1.086)		1153923	200.000	209 (A)		
52 1,2-Dichloroethane	62	4.019	4.019 (1.089)		538819	200.000	202 (A)		
57 n-Heptane	43	4.086	4.086 (1.107)		560131	200.000	215 (AH)		
* 58 1,4-Difluorobenzene (IS)	114	4.317	4.317 (1.000)		423795	50.0000			
59 Trichloroethene	95	4.512	4.513 (1.045)		431637	200.000	202 (A)		
60 Methylcyclohexane	83	4.610	4.610 (1.068)		813718	200.000	206 (A)		
49 Isobutanol	43	3.909	3.909 (1.059)		238147	1000.00	1050 (A)		
53 tert-Amyl Alcohol	59	Compound Not Detected.							(D)
54 tert-Amyl ethyl ether	59	4.720	4.720 (1.279)		1011387	200.000	212 (A)		
61 1,2-Dichloropropane	63	4.774	4.775 (1.106)		391155	200.000	202 (A)		
63 Methyl methacrylate	69	4.884	4.878 (1.131)		242235	200.000	193		
64 1,4-Dioxane (p-Dioxane)	88	4.902	4.903 (1.136)		69901	5000.00	4930		
62 Dibromomethane	93	4.896	4.890 (1.134)		238504	200.000	202 (A)		
65 Bromodichloromethane	83	5.043	5.043 (1.168)		559622	200.000	206 (A)		
66 2-Nitropropane	43	5.378	5.378 (1.246)		221156	200.000	215 (A)		
67 2-Chloroethylvinyl ether	63	5.384	5.384 (1.247)		176420	200.000	213 (A)		
68 cis-1,3-Dichloropropene	75	5.512	5.512 (1.277)		666437	200.000	207 (A)		
69 4-Methyl-2-pentanone (MIBK)	43	5.683	5.683 (1.316)		278121	200.000	201 (A)		
\$ 70 Toluene-d8 (S)	98	5.732	5.732 (0.771)		520874	50.0000	49.4		
71 Toluene	91	5.805	5.805 (1.345)		1836103	200.000	205 (A)		
72 Methyl isothiocyanate	73	6.036	6.037 (1.398)		570448	500.000	533 (A)		
74 trans-1,3-Dichloropropene	75	6.152	6.152 (1.425)		604266	200.000	206 (A)		
75 Ethyl methacrylate	69	6.207	6.207 (1.438)		467309	200.000	204 (A)		
76 1,1,2-Trichloroethane	83	6.353	6.354 (1.472)		296390	200.000	199		
77 Tetrachloroethene	166	6.366	6.366 (0.856)		395600	200.000	202 (A)		
78 1,3-Dichloropropane	76	6.542	6.543 (0.880)		576068	200.000	204 (A)		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.892)	187707	200.000	197	
73 n-Octane	43	5.866	5.866	(1.359)	532463	200.000	217 (AQ)	
81 n-Butyl acetate	43	6.762	6.634	(1.566)	414034	200.000	197	
80 Dibromochloromethane	129	6.756	6.756	(0.908)	375322	200.000	214 (A)	
82 1,2-Dibromoethane (EDB)	107	6.890	6.884	(1.596)	343500	200.000	206 (A)	
* 83 Chlorobenzene-d5 (IS)	82	7.439	7.433	(1.000)	212114	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.005)	1126918	200.000	206 (A)	
86 Ethylbenzene	106	7.609	7.603	(1.023)	666568	200.000	205 (A)	
85 1,1,1,2-Tetrachloroethane	131	7.621	7.616	(1.025)	382071	200.000	209 (A)	
88 n-Nonane	43	7.774	7.768	(1.045)	381522	200.000	222 (AQ)	
87 m&p-Xylene	106	7.792	7.786	(1.048)	1619926	400.000	412 (A)	
89 o-Xylene	106	8.371	8.372	(1.125)	780711	200.000	206 (A)	
90 Styrene	104	8.414	8.414	(1.131)	1328351	200.000	209 (A)	
91 Bromoform	173	8.652	8.652	(1.163)	204639	200.000	223 (A)	
92 Isopropylbenzene (Cumene)	105	8.822	8.817	(0.875)	2119271	200.000	206 (A)	
\$ 93 4-Bromofluorobenzene (S)	95	9.030	9.024	(1.214)	204599	50.0000	50.0	
94 Bromobenzene	156	9.152	9.152	(0.908)	449411	200.000	206 (A)	
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	398730	200.000	205 (A)	
98 n-Propylbenzene	91	9.255	9.256	(0.918)	2610268	200.000	211 (A)	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	117663	200.000	202 (A)	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.924)	117227	200.000	204 (AQ)	
103 n-Decane	43	9.426	9.426	(1.267)	291982	200.000	194 (Q)	
99 2-Chlorotoluene	91	9.347	9.347	(0.927)	1539416	200.000	208 (A)	
100 4-Ethyltoluene	105	9.377	9.377	(0.930)	2225102	200.000	212 (A)	
101 1,3,5-Trimethylbenzene	105	9.450	9.444	(0.938)	1801250	200.000	211 (A)	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	1756429	200.000	210 (A)	
104 tert-Butylbenzene	119	9.719	9.719	(0.964)	1519546	200.000	210 (A)	
105 Pentachloroethane	167	9.761	9.755	(0.969)	257595	200.000	224 (A)	
106 1,2,4-Trimethylbenzene	105	9.773	9.774	(0.970)	1807597	200.000	213 (A)	
107 sec-Butylbenzene	105	9.908	9.908	(0.983)	2313281	200.000	213 (A)	
109 d-Limonene	136	9.975	9.975	(1.341)	87463	200.000	219 (A)	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	1925558	200.000	209 (A)	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.993)	874656	200.000	210 (A)	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.078	10.072	(1.000)	181251	50.0000		
112 1,4-Dichlorobenzene	146	10.097	10.097	(1.002)	886286	200.000	208 (A)	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.004)	1843411	200.000	211 (A)	
114 Benzyl chloride	91	10.231	10.231	(1.015)	824575	200.000	233 (A)	
115 trans-Decalin	138	10.298	10.298	(1.022)	323865	200.000	226 (A)	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	1096513	200.000	216 (A)	
117 n-Butylbenzene	91	10.383	10.377	(1.030)	2202877	200.000	217 (A)	
119 n-Undecane	43	10.450	10.450	(1.037)	170139	200.000	201 (AQ)	
118 1,2-Dichlorobenzene	146	10.414	10.408	(1.033)	800108	200.000	207 (A)	
120 cis-Decalin	138	10.822	10.822	(1.074)	248508	200.000	223 (A)	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.103)	1656408	200.000	218 (A)	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	68031	200.000	207 (A)	
123 n-Dodecane	43	11.596	11.590	(1.151)	76760	200.000	(Q)	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.210)	440655	200.000	222 (A)	
125 Hexachloro-1,3-butadiene	225	12.395	12.389	(1.230)	184366	200.000	229 (A)	
126 Naphthalene	128	12.566	12.566	(1.247)	990041	200.000	216 (A)	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	337620	200.000	224 (A)	

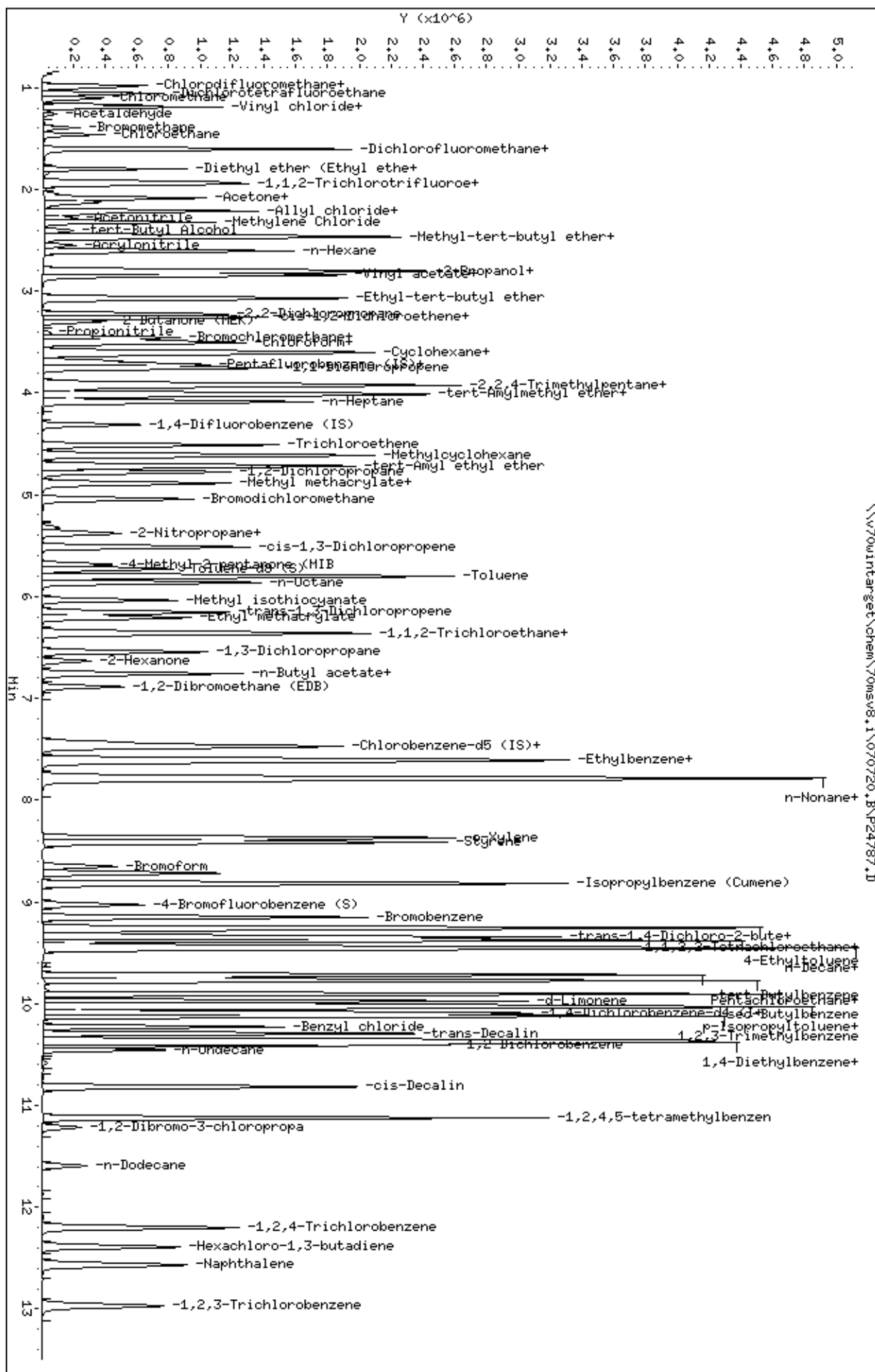
Data File: \\v70wintarget\chem\70msv8.i\070720.B\P24787.D
Report Date: 18-Aug-2020 15:13

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.
- D - User disabled compound identification.

Review Codes Legend

- :
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24787.D

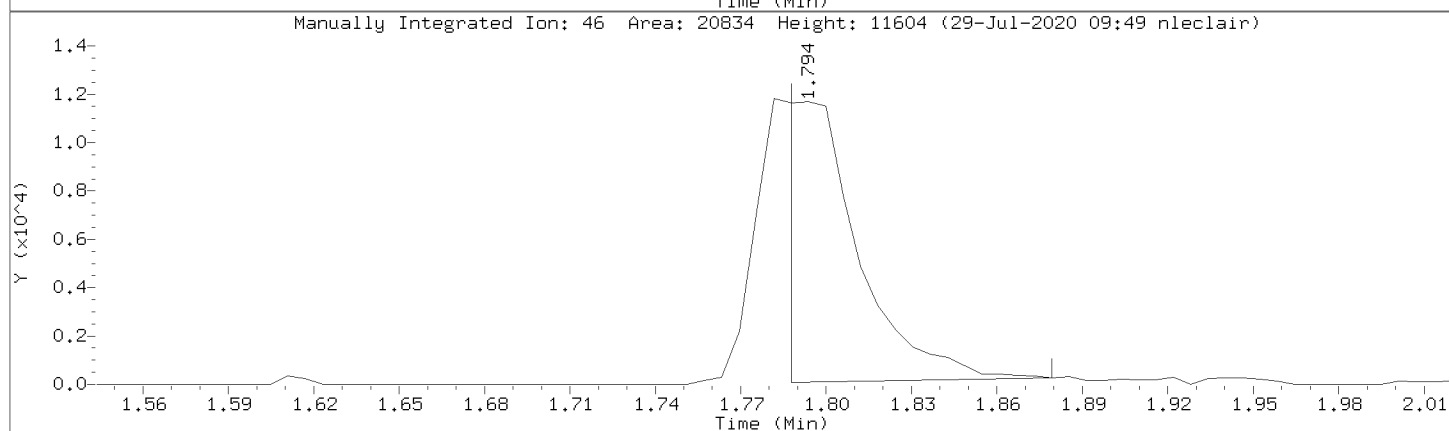
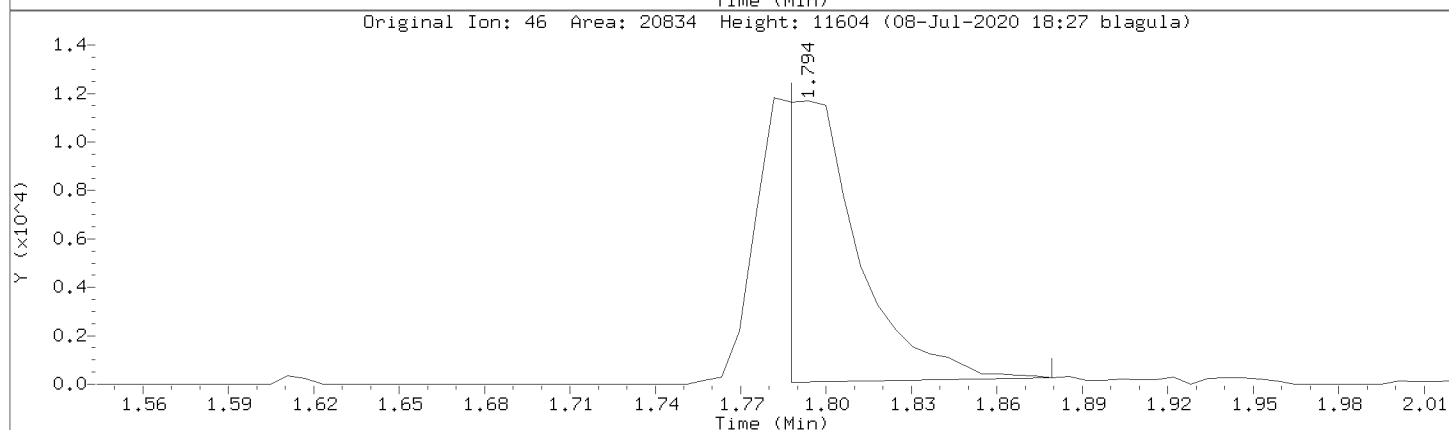
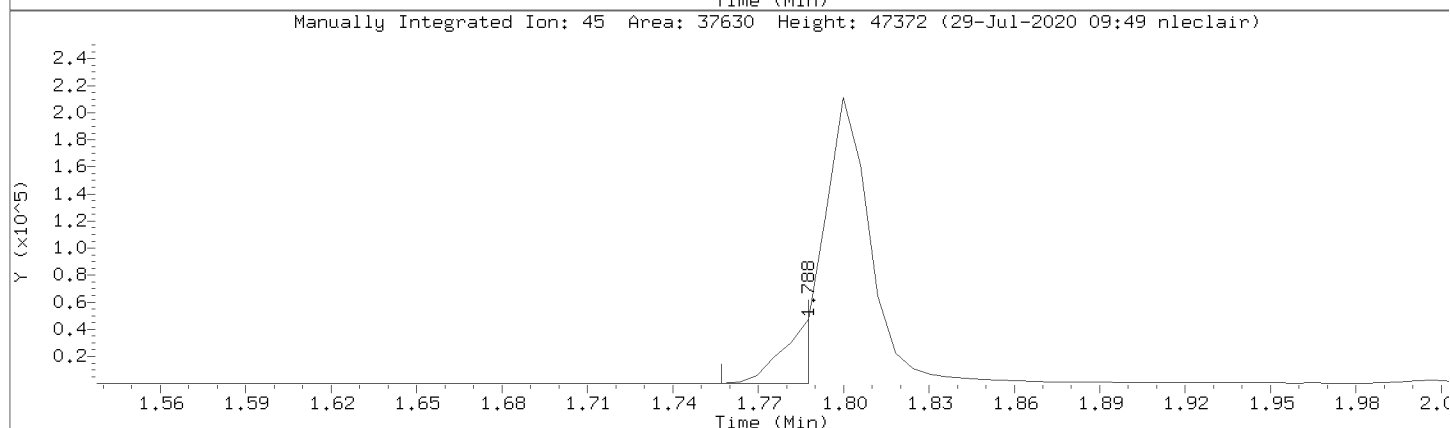
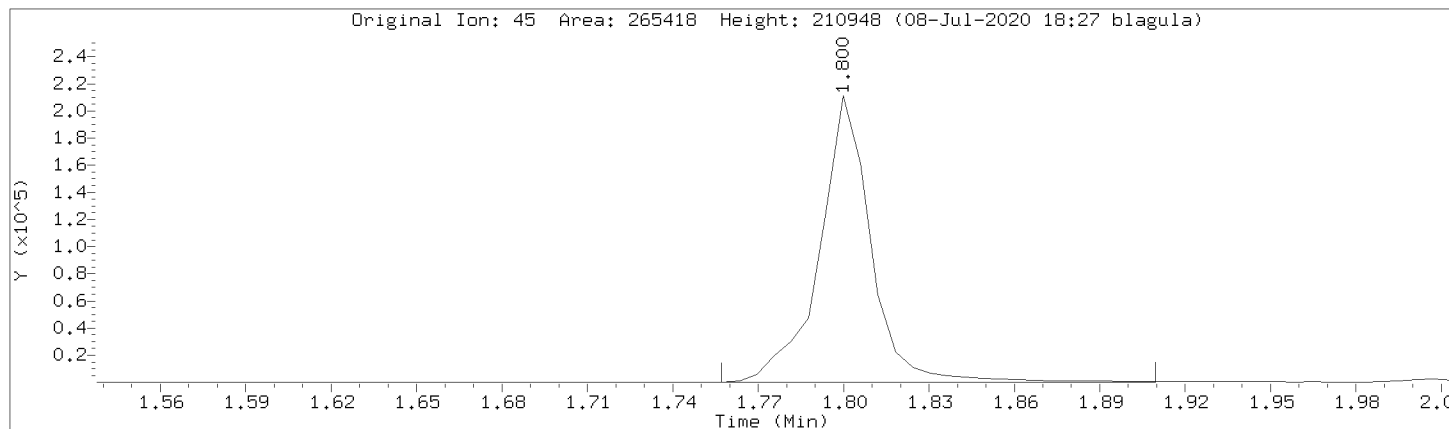
Injection Date: 07-JUL-2020 19:31

Instrument: 70msv8.i

Lab Sample ID: CAL8

Compound: Ethanol Review Code: GT

CAS Number:



MSV - FORM VII VOA-1
MSV INITIAL CALIBRATION DATA

SAMPLE NO.

13878808ICV

Lab Name: Pace Analytical - New York

Calibration Date: 07/07/2020 Time: 20:40

Instrument ID: 70MSV8 GC Column: Col 1

Init. Calib. Date(s): 07/07/2020 07/07/2020

Lab File ID: 070720.B\P24790.D

Init. Calib. Time(s): 16:50 19:31

SDG No.: 70164195

COMPOUND	CURVE	RRF or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Linear	50	56.65316	0.1000	13.3063	30.0000
Benzene	Averaged	0.89538	0.95904	0.5000	7.1102	30.0000
Bromobenzene	Averaged	0.60304	0.61566	0.0100	2.0918	30.0000
Bromochloromethane	Averaged	0.19101	0.20509	0.0100	7.3684	30.0000
Bromodichloromethane	Averaged	0.31976	0.31611	0.2000	-1.1422	30.0000
Bromoform	Averaged	0.21606	0.22982	0.1000	6.3684	30.0000
Bromomethane	Quadratic	50	90.63080	0.1000	81.2616*	30.0000
2-Butanone (MEK)	Averaged	0.37335	0.17279	0.1000	-53.7197	30.0000
n-Butylbenzene	Averaged	2.79677	2.90133	0.0100	3.7384	30.0000
sec-Butylbenzene	Averaged	2.99144	3.02716	0.0100	1.1940	30.0000
tert-Butylbenzene	Averaged	1.99349	2.05684	0.0100	3.1780	30.0000
Carbon disulfide	Averaged	1.00493	1.01036	0.1000	0.5404	30.0000
Carbon tetrachloride	Averaged	0.34991	0.37003	0.1000	5.7507	30.0000
Chlorobenzene	Averaged	1.29120	1.34929	0.5000	4.4988	30.0000
Chloroethane	Averaged	0.23622	0.24112	0.1000	2.0738	30.0000
Chloroform	Averaged	0.71365	0.72886	0.2000	2.1316	30.0000
Chloromethane	Averaged	0.25826	0.32012	0.1000	23.9500	30.0000
2-Chlorotoluene	Averaged	2.03910	2.08518	0.0100	2.2597	30.0000
4-Chlorotoluene	Averaged	2.30831	2.33023	0.0100	0.9499	30.0000
1,2-Dibromo-3-chloropropane	Averaged	0.09056	0.09393	0.0500	3.7251	30.0000
Dibromochloromethane	Averaged	0.41244	0.44446	0.1000	7.7619	30.0000
1,2-Dibromoethane (EDB)	Averaged	0.19697	0.20738	0.1000	5.2875	30.0000
Dibromomethane	Averaged	0.13951	0.14629	0.0100	4.8642	30.0000
1,2-Dichlorobenzene	Averaged	1.06679	1.13789	0.4000	6.6648	30.0000
1,3-Dichlorobenzene	Averaged	1.14867	1.22400	0.6000	6.5584	30.0000
1,4-Dichlorobenzene	Averaged	1.17502	1.23093	0.5000	4.7580	30.0000
Dichlorodifluoromethane	Averaged	0.38352	0.39659	0.1000	3.4079	30.0000
1,1-Dichloroethane	Averaged	0.68681	0.70678	0.2000	2.9082	30.0000
1,2-Dichloroethane	Averaged	0.55661	0.57157	0.1000	2.6879	30.0000
1,1-Dichloroethene	Averaged	0.33058	0.33541	0.1000	1.4631	30.0000
cis-1,2-Dichloroethene	Averaged	0.44205	0.45494	0.1000	2.9151	30.0000
trans-1,2-Dichloroethene	Averaged	0.37241	0.40208	0.1000	7.9647	30.0000
1,2-Dichloropropane	Averaged	0.22808	0.23277	0.1000	2.0545	30.0000
1,3-Dichloropropane	Averaged	0.66658	0.70301	0.0100	5.4655	30.0000
2,2-Dichloropropane	Averaged	0.63886	0.64525	0.0100	1.0010	30.0000

* - Value lies outside of established control limits.

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

03/16/2021 9:50

MSV - FORM VII VOA-2
MSV INITIAL CALIBRATION DATA

SAMPLE NO.

13878808ICV

Lab Name: Pace Analytical - New York

Calibration Date: 07/07/2020 Time: 20:40

Instrument ID: 70MSV8 GC Column: Col 1

Init. Calib. Date(s): 07/07/2020 07/07/2020

Lab File ID: 070720.B\P24790.D

Init. Calib. Time(s): 16:50 19:31

SDG No.: 70164195

COMPOUND	CURVE	RRF or Amount	RRF or Amount	MIN RRF	%D	MAX %D
1,1-Dichloropropene	Averaged	0.32334	0.32281	0.0100	-0.1656	30.0000
cis-1,3-Dichloropropene	Averaged	0.37945	0.40244	0.2000	6.0596	30.0000
trans-1,3-Dichloropropene	Averaged	0.34546	0.36635	0.1000	6.0463	30.0000
Ethylbenzene	Averaged	0.76596	0.76767	0.1000	0.2236	30.0000
Hexachloro-1,3-butadiene	Averaged	0.22235	0.25288	0.0100	13.7325	30.0000
2-Hexanone	Averaged	0.22405	0.21841	0.1000	-2.5184	30.0000
Isopropylbenzene (Cumene)	Averaged	2.83606	2.87137	0.1000	1.2450	30.0000
p-Isopropyltoluene	Averaged	2.54414	2.60549	0.0100	2.4114	30.0000
Methylene Chloride	Averaged	0.38029	0.37806	0.1000	-0.5881	30.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.16307	0.16837	0.1000	3.2485	30.0000
Methyl-tert-butyl ether	Averaged	1.15883	1.19476	0.1000	3.1005	30.0000
Naphthalene	Averaged	1.26523	1.39282	0.0100	10.0839	30.0000
n-Propylbenzene	Averaged	3.40595	3.36852	0.0100	-1.0988	30.0000
Styrene	Averaged	1.49775	1.52900	0.3000	2.0863	30.0000
1,1,1,2-Tetrachloroethane	Averaged	0.43171	0.45219	0.0100	4.7442	30.0000
1,1,2,2-Tetrachloroethane	Averaged	0.53654	0.56461	0.3000	5.2320	30.0000
Tetrachloroethene	Averaged	0.46063	0.48142	0.2000	4.5152	30.0000
Toluene	Averaged	1.05417	1.07690	0.4000	2.1560	30.0000
1,2,3-Trichlorobenzene	Averaged	0.41507	0.46135	0.0100	11.1503	30.0000
1,2,4-Trichlorobenzene	Averaged	0.54615	0.58987	0.2000	8.0042	30.0000
1,1,1-Trichloroethane	Averaged	0.37574	0.38087	0.1000	1.3661	30.0000
1,1,2-Trichloroethane	Averaged	0.17538	0.17941	0.1000	2.2959	30.0000
Trichloroethene	Averaged	0.25222	0.25563	0.2000	1.3519	30.0000
Trichlorofluoromethane	Averaged	0.55146	0.64050	0.1000	16.1472	30.0000
1,2,3-Trichloropropane	Averaged	0.16091	0.16599	0.0100	3.1577	30.0000
1,2,4-Trimethylbenzene	Averaged	2.34543	2.39611	0.0100	2.1607	30.0000
1,3,5-Trimethylbenzene	Averaged	2.35300	2.41116	0.0100	2.4718	30.0000
Vinyl acetate	Averaged	0.76639	0.82311	0.0100	7.4011	30.0000
Vinyl chloride	Averaged	0.29405	0.39231	0.1000	33.4153*	30.0000
m&p-Xylene	Averaged	0.92736	0.94199	0.1000	1.5773	30.0000
o-Xylene	Averaged	0.89534	0.91441	0.3000	2.1294	30.0000
4-Bromofluorobenzene (S)	Averaged	0.96427	0.95829	0.0100	-0.6202	30.0000
1,2-Dichloroethane-d4 (S)	Averaged	0.37735	0.37733	0.0100	-0.0058	30.0000
Toluene-d8 (S)	Averaged	2.48361	2.48406	0.0100	0.0183	30.0000

* - Value lies outside of established control limits.

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

03/16/2021 9:50

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

SAMPLE NO.

14655762CCV

Lab Name: Pace Analytical - New York

Calibration Date: 03/10/2021 Time: 10:06

Instrument ID: 70MSV8 GC Column: Col 1

Init. Calib. Date(s): 07/07/2020 07/07/2020

Lab File ID: 031021.B\P29421.D

Init. Calib. Time(s): 16:50 19:31

SDG No.: 70164195

COMPOUND	CURVE	RRF or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Linear	50	75.47681	0.1000	50.9536*	20.0000
Benzene	Averaged	0.89538	0.95076	0.5000	6.1858	20.0000
Bromobenzene	Averaged	0.60304	0.61115	0.0100	1.3443	20.0000
Bromochloromethane	Averaged	0.19101	0.18467	0.0100	-3.3219	20.0000
Bromodichloromethane	Averaged	0.31976	0.33458	0.2000	4.6360	20.0000
Bromoform	Averaged	0.21606	0.25317	0.1000	17.1761	20.0000
Bromomethane	Quadratic	50	72.49010	0.1000	44.9802*	20.0000
2-Butanone (MEK)	Averaged	0.37335	0.25515	0.1000	-31.6596	20.0000
n-Butylbenzene	Averaged	2.79677	2.71905	0.0100	-2.7792	20.0000
sec-Butylbenzene	Averaged	2.99144	2.86580	0.0100	-4.2000	20.0000
tert-Butylbenzene	Averaged	1.99349	1.94049	0.0100	-2.6588	20.0000
Carbon disulfide	Averaged	1.00493	0.85948	0.1000	-14.4735	20.0000
Carbon tetrachloride	Averaged	0.34991	0.35465	0.1000	1.3537	20.0000
Chlorobenzene	Averaged	1.29120	1.31851	0.5000	2.1149	20.0000
Chloroethane	Averaged	0.23622	0.20590	0.1000	-12.8350	20.0000
Chloroform	Averaged	0.71365	0.68418	0.2000	-4.1299	20.0000
Chloromethane	Averaged	0.25826	0.23869	0.1000	-7.5790	20.0000
2-Chlorotoluene	Averaged	2.03910	2.00205	0.0100	-1.8173	20.0000
4-Chlorotoluene	Averaged	2.30831	2.25530	0.0100	-2.2962	20.0000
1,2-Dibromo-3-chloropropane	Averaged	0.09056	0.08469	0.0500	-6.4745	20.0000
Dibromochloromethane	Averaged	0.41244	0.43915	0.1000	6.4754	20.0000
1,2-Dibromoethane (EDB)	Averaged	0.19697	0.19935	0.1000	1.2067	20.0000
Dibromomethane	Averaged	0.13951	0.14219	0.0100	1.9250	20.0000
1,2-Dichlorobenzene	Averaged	1.06679	1.07888	0.4000	1.1334	20.0000
1,3-Dichlorobenzene	Averaged	1.14867	1.16987	0.6000	1.8463	20.0000
1,4-Dichlorobenzene	Averaged	1.17502	1.18666	0.5000	0.9900	20.0000
Dichlorodifluoromethane	Averaged	0.38352	0.12835	0.1000	-66.5349	20.0000
1,1-Dichloroethane	Averaged	0.68681	0.68928	0.2000	0.3598	20.0000
1,2-Dichloroethane	Averaged	0.55661	0.53987	0.1000	-3.0083	20.0000
1,1-Dichloroethene	Averaged	0.33058	0.26583	0.1000	-19.5866	20.0000
cis-1,2-Dichloroethene	Averaged	0.44205	0.42508	0.1000	-3.8399	20.0000
trans-1,2-Dichloroethene	Averaged	0.37241	0.35182	0.1000	-5.5291	20.0000
1,2-Dichloropropane	Averaged	0.22808	0.25466	0.1000	11.6535	20.0000
1,3-Dichloropropane	Averaged	0.66658	0.72662	0.0100	9.0070	20.0000
2,2-Dichloropropane	Averaged	0.63886	0.41675	0.0100	-34.7669	20.0000

* - Value lies outside of established control limits.

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

03/16/2021 9:50

MSV - FORM VII VOA-2
MSV CONTINUING CALIBRATION DATA

SAMPLE NO.

14655762CCV

Lab Name: Pace Analytical - New York

Calibration Date: 03/10/2021 Time: 10:06

Instrument ID: 70MSV8 GC Column: Col 1

Init. Calib. Date(s): 07/07/2020 07/07/2020

Lab File ID: 031021.B\P29421.D

Init. Calib. Time(s): 16:50 19:31

SDG No.: 70164195

COMPOUND	CURVE	RRF or Amount	RRF or Amount	MIN RRF	%D	MAX %D
1,1-Dichloropropene	Averaged	0.32334	0.33286	0.0100	2.9424	20.0000
cis-1,3-Dichloropropene	Averaged	0.37945	0.37671	0.2000	-0.7203	20.0000
trans-1,3-Dichloropropene	Averaged	0.34546	0.31279	0.1000	-9.4580	20.0000
Ethylbenzene	Averaged	0.76596	0.75991	0.1000	-0.7900	20.0000
Hexachloro-1,3-butadiene	Averaged	0.22235	0.26980	0.0100	21.3425*	20.0000
2-Hexanone	Averaged	0.22405	0.25602	0.1000	14.2715	20.0000
Isopropylbenzene (Cumene)	Averaged	2.83606	2.76314	0.1000	-2.5712	20.0000
p-Isopropyltoluene	Averaged	2.54414	2.38694	0.0100	-6.1789	20.0000
Methylene Chloride	Averaged	0.38029	0.37107	0.1000	-2.4249	20.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.16307	0.19578	0.1000	20.0553*	20.0000
Methyl-tert-butyl ether	Averaged	1.15883	1.04900	0.1000	-9.4773	20.0000
Naphthalene	Averaged	1.26523	1.16236	0.0100	-8.1305	20.0000
n-Propylbenzene	Averaged	3.40595	3.34753	0.0100	-1.7152	20.0000
Styrene	Averaged	1.49775	1.49806	0.3000	0.0203	20.0000
1,1,1,2-Tetrachloroethane	Averaged	0.43171	0.42848	0.0100	-0.7486	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.53654	0.55126	0.3000	2.7440	20.0000
Tetrachloroethene	Averaged	0.46063	0.48501	0.2000	5.2948	20.0000
Toluene	Averaged	1.05417	1.10152	0.4000	4.4920	20.0000
1,2,3-Trichlorobenzene	Averaged	0.41507	0.41632	0.0100	0.3031	20.0000
1,2,4-Trichlorobenzene	Averaged	0.54615	0.55046	0.2000	0.7893	20.0000
1,1,1-Trichloroethane	Averaged	0.37574	0.33372	0.1000	-11.1818	20.0000
1,1,2-Trichloroethane	Averaged	0.17538	0.18558	0.1000	5.8165	20.0000
Trichloroethene	Averaged	0.25222	0.25062	0.2000	-0.6340	20.0000
Trichlorofluoromethane	Averaged	0.55146	0.42102	0.1000	-23.6531	20.0000
1,2,3-Trichloropropane	Averaged	0.16091	0.15805	0.0100	-1.7760	20.0000
1,2,4-Trimethylbenzene	Averaged	2.34543	2.30111	0.0100	-1.8895	20.0000
1,3,5-Trimethylbenzene	Averaged	2.35300	2.28507	0.0100	-2.8872	20.0000
Vinyl acetate	Averaged	0.76639	0.68922	0.0100	-10.0685	20.0000
Vinyl chloride	Averaged	0.29405	0.30157	0.1000	2.5576	20.0000
m&p-Xylene	Averaged	0.92736	0.92789	0.1000	0.0572	20.0000
o-Xylene	Averaged	0.89534	0.89168	0.3000	-0.4095	20.0000
4-Bromofluorobenzene (S)	Averaged	0.96427	0.90123	0.0100	-6.5375	20.0000
1,2-Dichloroethane-d4 (S)	Averaged	0.37735	0.36575	0.0100	-3.0735	20.0000
Toluene-d8 (S)	Averaged	2.48361	2.38749	0.0100	-3.8702	20.0000

* - Value lies outside of established control limits.

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

03/16/2021 9:50

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\070720.B\P24790.D
 Lab Smp Id: ICV Client Smp ID: ICV
 Inj Date : 07-JUL-2020 20:40 MS Autotune Date: 07-JUL-2020 13:1
 Operator : GKB Inst ID: 70msv8.i
 Smp Info : icv, 93584:1
 Misc Info : 9446,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\070720.B\070720_8260W.m
 Meth Date : 17-Sep-2020 14:21 70msv8.i Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 14 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: 8260.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.995	(0.270)	96130	50.0000	51.0	
2 Dichlorotetrafluoroethane	135		1.056	1.056	(0.286)	58344	50.0000	59.8	
3 Dichlorodifluoromethane	85		0.977	0.977	(0.265)	94342	50.0000	51.7 (Q)	
4 Chloromethane	50		1.111	1.111	(0.301)	76150	50.0000	62.0	
5 Vinyl chloride	62		1.172	1.172	(0.318)	93324	50.0000	66.7	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	77889	50.0000	55.0	
7 Acetaldehyde	44		1.263	1.263	(0.342)	8763	50.0000	48.9	
8 Bromomethane	94		1.391	1.391	(0.377)	26481	50.0000	90.6	
9 Chloroethane	64		1.464	1.464	(0.397)	57359	50.0000	51.0	
10 Dichlorofluoromethane	67		1.605	1.605	(0.435)	154394	50.0000	54.1	
11 Trichlorofluoromethane	101		1.598	1.598	(0.433)	152364	50.0000	58.1	
12 Ethanol	45		1.787	1.787	(0.485)	10486	1250.00	1160 (M)	GT
13 Diethyl ether (Ethyl ether)	59		1.800	1.800	(0.488)	69601	50.0000	47.7	
16 1,1,2-Trichlorotrifluoroethane	101		1.928	1.928	(0.523)	89716	50.0000	53.8	
14 Acrolein	56		1.934	1.934	(0.524)	12706	50.0000	49.9	
15 1,1-Dichloroethene	96		1.952	1.952	(0.529)	79789	50.0000	50.7	
17 Acetone	43		2.043	2.043	(0.554)	21416	50.0000	56.6	
18 Iodomethane	142		2.068	2.068	(0.561)	18007	50.0000	37.2	
19 2-Propanol	45		2.799	2.799	(0.759)	289768	1250.00	1230	
20 Carbon disulfide	76		2.086	2.086	(0.565)	240347	50.0000	50.3	
21 Allyl chloride	76		2.214	2.214	(0.600)	46871	50.0000	45.0	
22 Acetonitrile	41		2.281	2.281	(0.618)	42267	250.000	251	
23 Methyl acetate	43		2.239	2.239	(0.607)	115809	50.0000	101	

Compounds	QUANT SIG		AMOUNTS					REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
24 Methylene Chloride	84	2.318	2.318	(0.628)	89933	50.0000	49.7	
25 tert-Butyl Alcohol	59	2.403	2.403	(0.651)	31811	250.000	255	
28 Methyl-tert-butyl ether	73	2.458	2.458	(0.666)	284213	50.0000	51.6	
27 trans-1,2-Dichloroethene	96	2.470	2.470	(0.670)	95647	50.0000	54.0	
26 Acrylonitrile	53	2.549	2.549	(0.691)	25882	50.0000	48.5	
30 n-Hexane	57	2.604	2.604	(0.706)	155025	50.0000	61.1	
29 Diisopropyl ether	45	2.799	2.799	(0.759)	289768	50.0000	49.0	
32 Vinyl acetate	43	2.842	2.842	(0.770)	195803	50.0000	53.7	
31 1,1-Dichloroethane	63	2.812	2.812	(0.762)	168132	50.0000	51.4	
33 Chloroprene	53	2.848	2.848	(0.772)	137865	50.0000	50.6	
34 Ethyl-tert-butyl ether	59	3.068	3.068	(0.831)	319538	50.0000	52.6	
36 2,2-Dichloropropane	77	3.226	3.226	(0.874)	153495	50.0000	50.5	
35 cis-1,2-Dichloroethene	96	3.257	3.257	(0.883)	108222	50.0000	51.4	
39 Ethyl acetate	61	3.257	3.257	(0.883)	154231	50.0000	51.3	
37 2-Butanone (MEK)	43	3.293	3.293	(0.893)	41103	50.0000	23.1	
41 Bromochloromethane	128	3.452	3.452	(0.936)	48787	50.0000	53.7	
42 Tetrahydrofuran	42	3.464	3.464	(0.939)	21910	50.0000	51.3	
43 Chloroform	83	3.507	3.507	(0.950)	173384	50.0000	51.1	
38 Propionitrile	54	3.403	3.403	(0.922)	10258	50.0000	50.0	
46 Cyclohexane	56	3.592	3.592	(0.974)	173162	50.0000	50.2	
45 1,1,1-Trichloroethane	97	3.616	3.616	(0.838)	158612	50.0000	50.7	
* 44 Pentafluorobenzene (IS)	168	3.690	3.690	(1.000)	237883	50.0000		
48 Carbon tetrachloride	117	3.720	3.720	(0.862)	154098	50.0000	52.9	
47 1,1-Dichloropropene	75	3.757	3.757	(0.870)	134432	50.0000	49.9	
55 2,2,4-Trimethylpentane	57	3.909	3.909	(1.059)	316231	50.0000	63.4	
51 Benzene	78	3.927	3.927	(0.910)	399389	50.0000	53.6	
40 Methacrylonitrile	67	3.488	3.488	(0.945)	34103	50.0000	48.1	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.915)	157138	50.0000	50.0	
56 tert-Amylmethyl ether	73	4.007	4.007	(1.086)	297843	50.0000	54.4	
52 1,2-Dichloroethane	62	4.019	4.019	(1.089)	135967	50.0000	51.3	
57 n-Heptane	43	4.086	4.086	(1.107)	144376	50.0000	56.0	
* 58 1,4-Difluorobenzene (IS)	114	4.317	4.317	(1.000)	416446	50.0000		
59 Trichloroethene	95	4.513	4.513	(1.045)	106457	50.0000	50.7	
60 Methylcyclohexane	83	4.610	4.610	(1.068)	195699	50.0000	50.5	
49 Isobutanol	43	3.909	3.909	(1.059)	67661	250.000	300	
53 tert-Amyl Alcohol	59	3.915	3.915	(1.061)	599	50.0000		
54 tert-Amyl ethyl ether	59	4.720	4.720	(1.279)	246966	50.0000	52.2	
61 1,2-Dichloropropane	63	4.775	4.775	(1.106)	96936	50.0000	51.0	
63 Methyl methacrylate	69	4.878	4.878	(1.130)	63909	50.0000	51.8	
64 1,4-Dioxane (p-Dioxane)	88	4.903	4.903	(1.136)	17111	1250.00	1230	
62 Dibromomethane	93	4.890	4.890	(1.133)	60923	50.0000	52.4	
65 Bromodichloromethane	83	5.043	5.043	(1.168)	131641	50.0000	49.4	
66 2-Nitropropane	43	5.378	5.378	(1.246)	51476	50.0000	51.0	
67 2-Chloroethylvinyl ether	63	5.384	5.384	(1.247)	38577	50.0000	47.4	
68 cis-1,3-Dichloropropene	75	5.512	5.512	(1.277)	167595	50.0000	53.0	
69 4-Methyl-2-pentanone (MIBK)	43	5.683	5.683	(1.316)	70118	50.0000	51.6	
\$ 70 Toluene-d8 (S)	98	5.732	5.732	(0.771)	515488	50.0000	50.0	
71 Toluene	91	5.805	5.805	(1.344)	448470	50.0000	51.1	
72 Methyl isothiocyanate	73	6.037	6.037	(1.398)	143327	125.000	136	
74 trans-1,3-Dichloropropene	75	6.152	6.152	(1.425)	152565	50.0000	53.0	
75 Ethyl methacrylate	69	6.207	6.207	(1.438)	120128	50.0000	53.4	
76 1,1,2-Trichloroethane	83	6.354	6.354	(1.472)	74713	50.0000	51.1	
77 Tetrachloroethene	166	6.366	6.366	(0.856)	99904	50.0000	52.2	
78 1,3-Dichloropropane	76	6.543	6.543	(0.880)	145887	50.0000	52.7	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
						CAL-AMT (ug/L)	ON-COL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	45323	50.0000	48.7	
73 n-Octane	43	5.866	5.866	(1.359)	131135	50.0000	54.3 (Q)	
81 n-Butyl acetate	43	6.634	6.634	(1.537)	45323	50.0000	21.9 (H)	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	92233	50.0000	53.9	
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.594)	86364	50.0000	52.6	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	207518	50.0000		
84 Chlorobenzene	112	7.475	7.475	(1.006)	280002	50.0000	52.2	
86 Ethylbenzene	106	7.603	7.603	(1.023)	159306	50.0000	50.1	
85 1,1,1,2-Tetrachloroethane	131	7.616	7.616	(1.025)	93838	50.0000	52.4	
88 n-Nonane	43	7.768	7.768	(1.045)	90895	50.0000	54.1 (Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	390960	100.000	102	
89 o-Xylene	106	8.372	8.372	(1.126)	189756	50.0000	51.1	
90 Styrene	104	8.414	8.414	(1.132)	317295	50.0000	51.0	
91 Bromoform	173	8.652	8.652	(1.164)	47692	50.0000	53.2	
92 Isopropylbenzene (Cumene)	105	8.817	8.817	(0.875)	517872	50.0000	50.6	
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	198862	50.0000	49.7	
94 Bromobenzene	156	9.152	9.152	(0.909)	111038	50.0000	51.0	
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	101832	50.0000	52.6	
98 n-Propylbenzene	91	9.256	9.256	(0.919)	607537	50.0000	49.4	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	29938	50.0000	51.6	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	27060	50.0000	47.2	
103 n-Decane	43	9.426	9.426	(1.268)	77017	50.0000	52.4 (Q)	
99 2-Chlorotoluene	91	9.347	9.347	(0.928)	376077	50.0000	51.1	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	541074	50.0000	51.7	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	434870	50.0000	51.2	
102 4-Chlorotoluene	91	9.463	9.463	(0.939)	420274	50.0000	50.5	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	370966	50.0000	51.6	
105 Pentachloroethane	167	9.755	9.755	(0.969)	62470	50.0000	54.5	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	432155	50.0000	51.1	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	545969	50.0000	50.6	
109 d-Limonene	136	9.975	9.975	(1.342)	21998	50.0000	56.3	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	469918	50.0000	51.2	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	220757	50.0000	53.3	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	180357	50.0000		
112 1,4-Dichlorobenzene	146	10.097	10.097	(1.002)	222007	50.0000	52.4	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	446955	50.0000	51.4	
114 Benzyl chloride	91	10.231	10.231	(1.016)	196567	50.0000	55.9	
115 trans-Decalin	138	10.298	10.298	(1.022)	77169	50.0000	54.2	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	276020	50.0000	54.6	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	523275	50.0000	51.9	
119 n-Undecane	43	10.450	10.450	(1.038)	59923	50.0000	51.8 (Q)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	205226	50.0000	53.3	
120 cis-Decalin	138	10.822	10.822	(1.074)	62365	50.0000	56.3	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	406152	50.0000	53.6	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	16941	50.0000	51.9	
123 n-Dodecane	43	11.590	11.590	(1.151)	29261	50.0000	37.3 (Q)	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	106387	50.0000	54.0	
125 Hexachloro-1,3-butadiene	225	12.389	12.389	(1.230)	45609	50.0000	56.9	
126 Naphthalene	128	12.566	12.566	(1.248)	251204	50.0000	55.0	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	83207	50.0000	55.6	

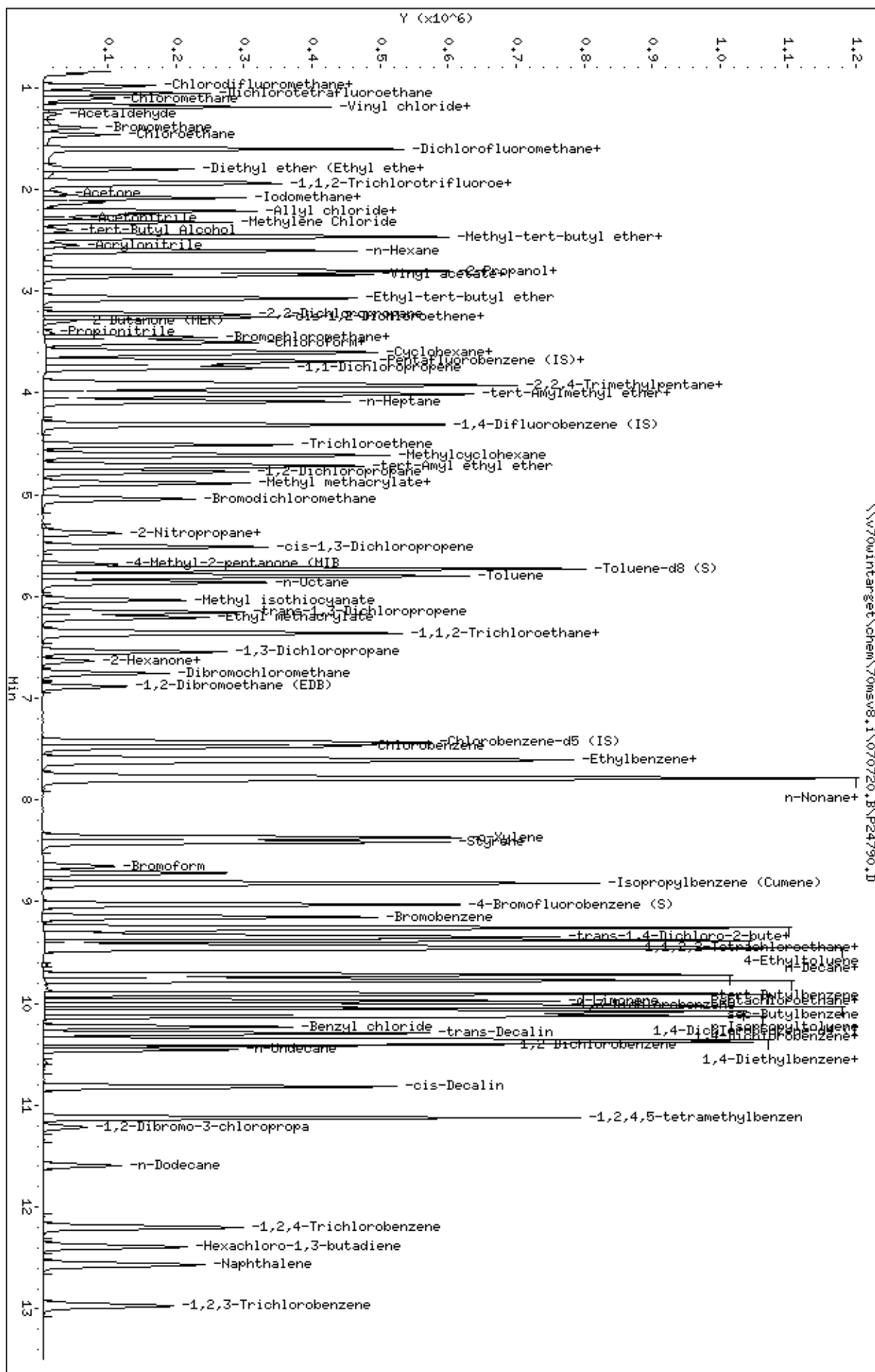
Data File: \\v70wintarget\chem\70msv8.i\070720.B\P24790.D
Report Date: 17-Sep-2020 14:28

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

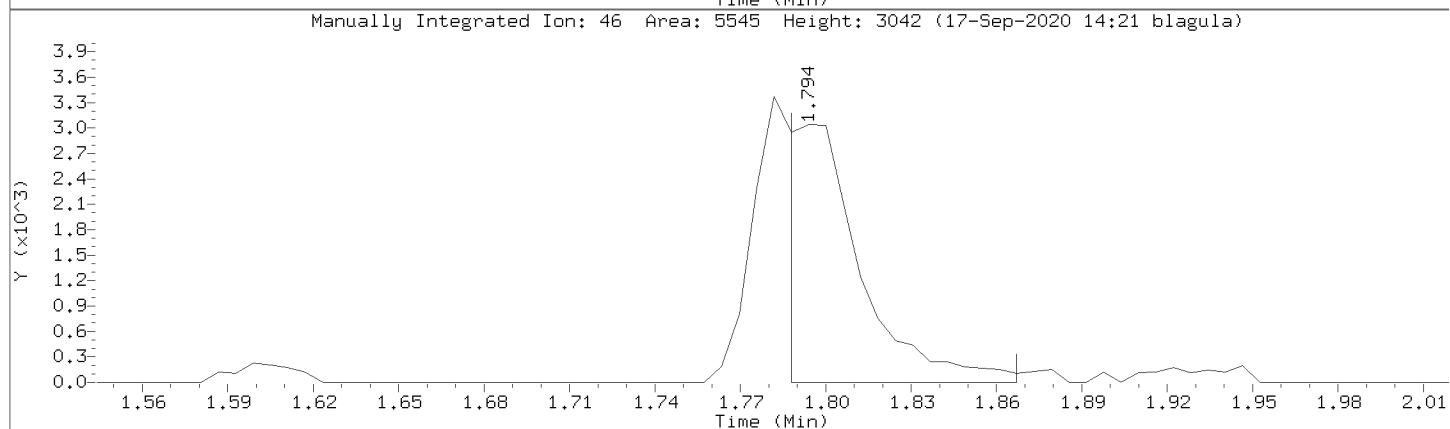
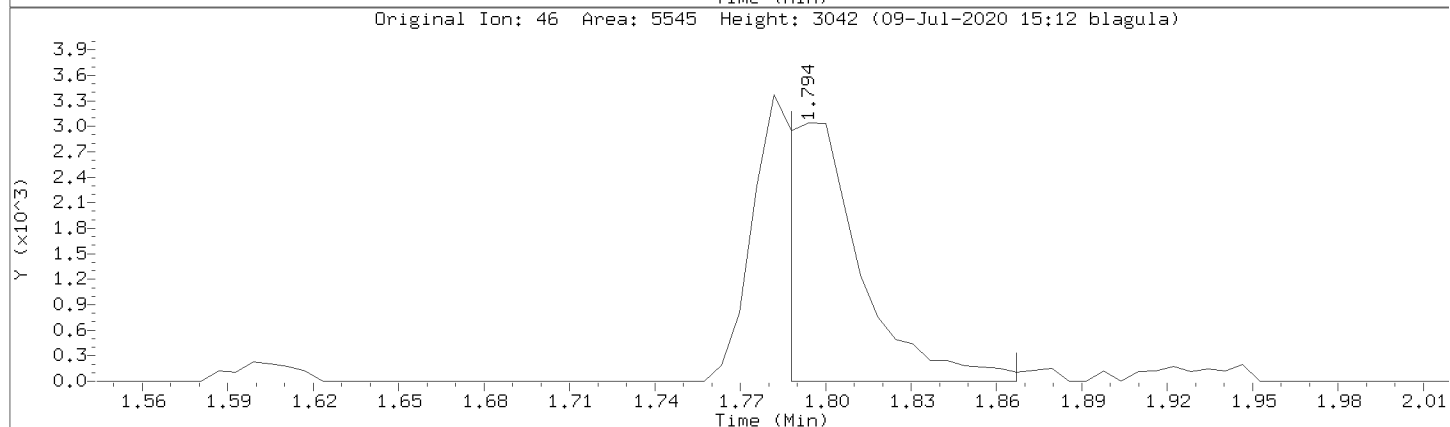
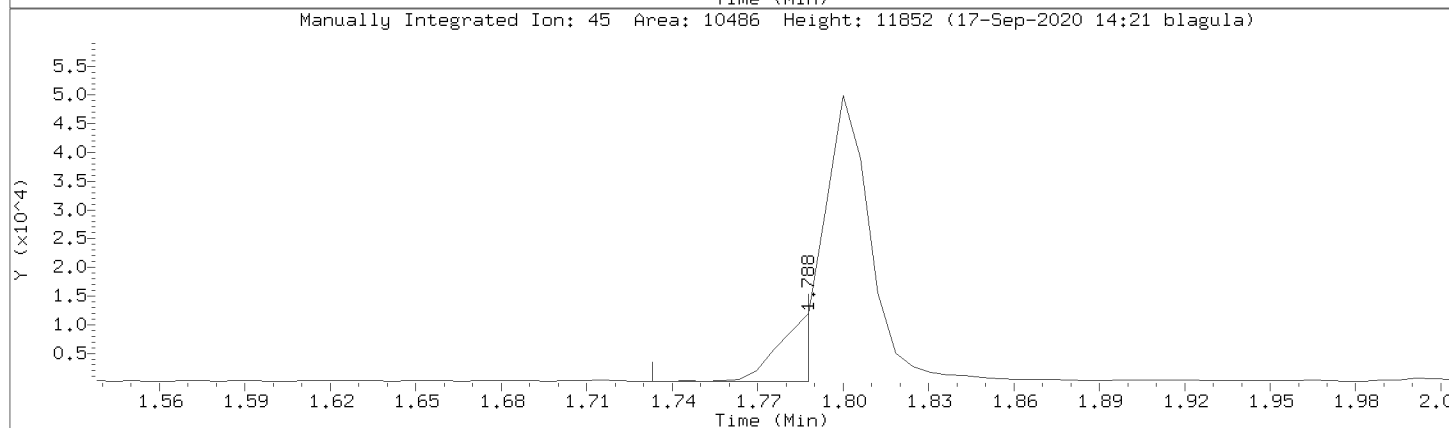
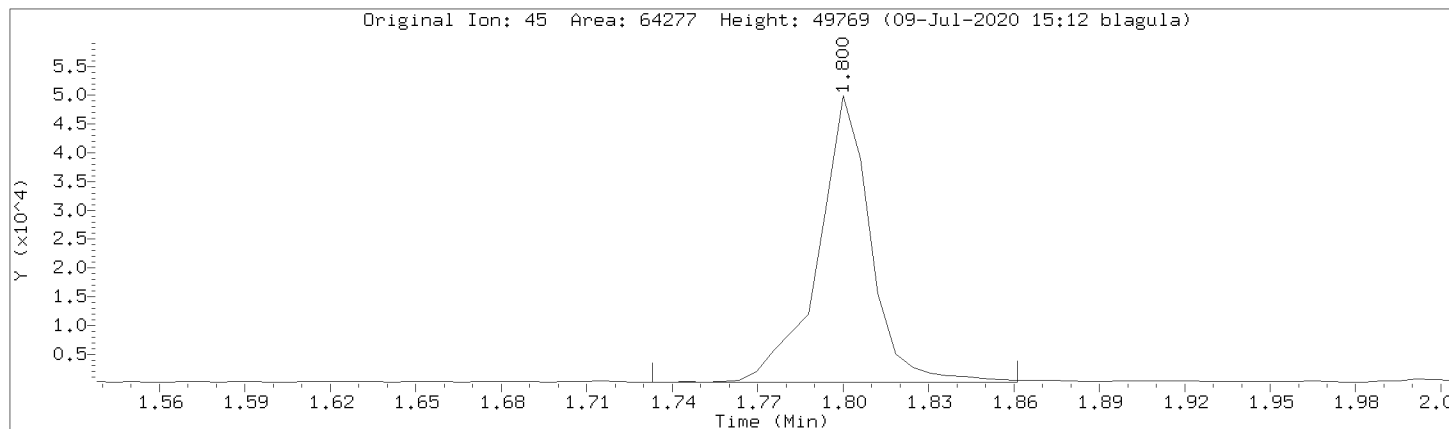
Review Codes Legend

:
GT: Indicates that the peak in question was inappropriately
integrated to an area greater than it should be (e.g., Peak
tailing).



Data File: \\v70wintarget\chem\70msv8.i\070720.B/P24790.D
Injection Date: 07-JUL-2020 20:40
Instrument: 70msv8.i
Lab Sample ID: ICV

Compound: Ethanol Review Code: GT
CAS Number:



Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29421.D
 Lab Smp Id: CCV Client Smp ID: CCV
 Inj Date : 10-MAR-2021 10:06 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : ccv, 107618:1
 Misc Info : 9446,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A
 Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT MASS	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		REVIEW C
							CAL-AMT (ug/L)	ON-COL (ug/L)	
1 Chlorodifluoromethane	51		0.989	0.989	(0.269)	67839	50.0000	36.4	
2 Dichlorotetrafluoroethane	135		1.050	1.050	(0.285)	26456	50.0000	27.4	
3 Dichlorodifluoromethane	85		0.971	0.971	(0.264)	30200	50.0000	16.7 (Q)	
4 Chloromethane	50		1.099	1.099	(0.298)	56164	50.0000	46.2	
5 Vinyl chloride	62		1.166	1.166	(0.317)	70961	50.0000	51.3	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	54050	50.0000	38.6	
7 Acetaldehyde	44		1.257	1.257	(0.341)	5929	50.0000	33.4	
8 Bromomethane	94		1.391	1.391	(0.378)	18685	50.0000	72.5	
9 Chloroethane	64		1.458	1.458	(0.396)	48450	50.0000	43.6	
10 Dichlorofluoromethane	67		1.598	1.598	(0.434)	132323	50.0000	46.8	
11 Trichlorofluoromethane	101		1.598	1.598	(0.434)	99067	50.0000	38.2	
12 Ethanol	45		1.781	1.781	(0.484)	10551	1250.00	1180 (M)	WP
13 Diethyl ether (Ethyl ether)	59		1.794	1.794	(0.487)	73388	50.0000	50.8	
16 1,1,2-Trichlorotrifluoroethane	101		1.922	1.922	(0.522)	71361	50.0000	43.3	
14 Acrolein	56		1.934	1.934	(0.525)	8944	50.0000	35.5	
15 1,1-Dichloroethene	96		1.946	1.946	(0.528)	62550	50.0000	40.2	
17 Acetone	43		2.037	2.037	(0.553)	27708	50.0000	75.5	
18 Iodomethane	142		2.068	2.068	(0.561)	20789	50.0000	42.2	
19 2-Propanol	45		2.793	2.793	(0.758)	312659	1250.00	1340	
20 Carbon disulfide	76		2.086	2.086	(0.566)	202238	50.0000	42.8	
21 Allyl chloride	76		2.208	2.208	(0.600)	45859	50.0000	44.5	
22 Acetonitrile	41		2.281	2.281	(0.619)	55315	250.000	333	

Compounds	QUANT SIG		AMOUNTS					REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
23 Methyl acetate	43	2.232	2.232	(0.606)	135765	50.0000	119	
24 Methylene Chloride	84	2.318	2.318	(0.629)	87314	50.0000	48.8	
25 tert-Butyl Alcohol	59	2.397	2.397	(0.651)	26002	250.000	211	
28 Methyl-tert-butyl ether	73	2.458	2.458	(0.667)	246834	50.0000	45.3	
27 trans-1,2-Dichloroethene	96	2.470	2.470	(0.671)	82785	50.0000	47.2	
26 Acrylonitrile	53	2.543	2.543	(0.691)	29140	50.0000	55.2	
30 n-Hexane	57	2.604	2.604	(0.707)	129929	50.0000	51.7	
29 Diisopropyl ether	45	2.793	2.793	(0.758)	312659	50.0000	53.5	
32 Vinyl acetate	43	2.836	2.836	(0.770)	162176	50.0000	45.0	
31 1,1-Dichloroethane	63	2.806	2.806	(0.762)	162190	50.0000	50.2	
33 Chloroprene	53	2.842	2.842	(0.772)	129528	50.0000	48.1	
34 Ethyl-tert-butyl ether	59	3.068	3.068	(0.833)	275059	50.0000	45.8	
36 2,2-Dichloropropane	77	3.226	3.226	(0.876)	98062	50.0000	32.6	
35 cis-1,2-Dichloroethene	96	3.257	3.257	(0.884)	100022	50.0000	48.1	
39 Ethyl acetate	61	3.251	3.251	(0.882)	152166	50.0000	51.2	
37 2-Butanone (MEK)	43	3.293	3.293	(0.894)	60037	50.0000	34.2	
41 Bromochloromethane	128	3.452	3.452	(0.937)	43453	50.0000	48.3	
42 Tetrahydrofuran	42	3.458	3.458	(0.939)	26965	50.0000	63.8	
43 Chloroform	83	3.507	3.507	(0.952)	160989	50.0000	47.9	
38 Propionitrile	54	3.403	3.403	(0.924)	11599	50.0000	57.1	
46 Cyclohexane	56	3.592	3.592	(0.975)	177441	50.0000	52.0	
45 1,1,1-Trichloroethane	97	3.616	3.616	(0.839)	129441	50.0000	44.4	
* 44 Pentafluorobenzene (IS)	168	3.683	3.683	(1.000)	235303	50.0000		
48 Carbon tetrachloride	117	3.714	3.714	(0.861)	137556	50.0000	50.7	
47 1,1-Dichloropropene	75	3.750	3.750	(0.870)	129105	50.0000	51.5	
55 2,2,4-Trimethylpentane	57	3.903	3.903	(1.060)	258155	50.0000	52.3	
51 Benzene	78	3.927	3.927	(0.911)	368772	50.0000	53.1	
40 Methacrylonitrile	67	3.488	3.488	(0.947)	36546	50.0000	52.1	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.917)	141865	50.0000	48.5	
56 tert-Amylmethyl ether	73	4.000	4.000	(1.086)	230802	50.0000	42.6	
52 1,2-Dichloroethane	62	4.019	4.019	(1.091)	127032	50.0000	48.5	
57 n-Heptane	43	4.080	4.080	(1.108)	143986	50.0000	56.4	
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.311	(1.000)	387869	50.0000		
59 Trichloroethene	95	4.512	4.512	(1.047)	97209	50.0000	49.7	
60 Methylcyclohexane	83	4.610	4.610	(1.069)	182383	50.0000	50.5	
49 Isobutanol	43	3.909	3.909	(1.061)	59710	250.000	268	
53 tert-Amyl Alcohol	59	3.915	3.915	(1.063)	348	50.0000		
54 tert-Amyl ethyl ether	59	4.714	4.714	(1.280)	195395	50.0000	41.8	
61 1,2-Dichloropropane	63	4.775	4.775	(1.107)	98776	50.0000	55.8	
63 Methyl methacrylate	69	4.878	4.878	(1.131)	58563	50.0000	51.0	
64 1,4-Dioxane (p-Dioxane)	88	4.897	4.897	(1.136)	19522	1250.00	1500	
62 Dibromomethane	93	4.890	4.890	(1.134)	55152	50.0000	51.0	
65 Bromodichloromethane	83	5.043	5.043	(1.170)	129774	50.0000	52.3	
66 2-Nitropropane	43	5.360	5.360	(1.243)	26751	50.0000	28.4	
67 2-Chloroethylvinyl ether	63	5.378	5.378	(1.247)	3704	50.0000	4.89	
68 cis-1,3-Dichloropropene	75	5.506	5.506	(1.277)	146116	50.0000	49.6	
69 4-Methyl-2-pentanone (MIBK)	43	5.683	5.683	(1.318)	75937	50.0000	60.0	
\$ 70 Toluene-d8 (S)	98	5.726	5.726	(0.770)	475805	50.0000	48.1	
71 Toluene	91	5.799	5.799	(1.345)	427247	50.0000	52.2	
72 Methyl isothiocyanate	73	6.037	6.037	(1.400)	132966	125.000	136	
74 trans-1,3-Dichloropropene	75	6.152	6.152	(1.427)	121321	50.0000	45.3	
75 Ethyl methacrylate	69	6.207	6.207	(1.440)	103678	50.0000	49.5	
76 1,1,2-Trichloroethane	83	6.348	6.348	(1.472)	71981	50.0000	52.9	
77 Tetrachloroethene	166	6.366	6.366	(0.856)	96659	50.0000	52.6	

Compounds	QUANT SIG		AMOUNTS					REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
78 1,3-Dichloropropane	76	6.543	6.543	(0.880)	144808	50.0000	54.5	
79 2-Hexanone	43	6.634	6.634	(0.893)	51023	50.0000	57.1	
73 n-Octane	43	5.860	5.860	(1.359)	139162	50.0000	61.9 (Q)	
81 n-Butyl acetate	43	6.634	6.634	(1.539)	51023	50.0000	26.5	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	87519	50.0000	53.2	
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.597)	77320	50.0000	50.6	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	199291	50.0000		
84 Chlorobenzene	112	7.469	7.469	(1.005)	262767	50.0000	51.0	
86 Ethylbenzene	106	7.603	7.603	(1.023)	151443	50.0000	49.6	
85 1,1,1,2-Tetrachloroethane	131	7.616	7.616	(1.025)	85392	50.0000	49.6	
88 n-Nonane	43	7.768	7.768	(1.045)	105214	50.0000	65.3 (Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	369842	100.000	100	
89 o-Xylene	106	8.371	8.371	(1.126)	177703	50.0000	49.8	
90 Styrene	104	8.414	8.414	(1.132)	298549	50.0000	50.0	
91 Bromoform	173	8.652	8.652	(1.164)	50455	50.0000	58.6	
92 Isopropylbenzene (Cumene)	105	8.817	8.817	(0.875)	483699	50.0000	48.7	
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	179607	50.0000	46.7	
94 Bromobenzene	156	9.152	9.152	(0.909)	106984	50.0000	50.7	
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	96501	50.0000	51.4	
98 n-Propylbenzene	91	9.255	9.255	(0.919)	585999	50.0000	49.1	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	27668	50.0000	49.1	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	24087	50.0000	43.3	
103 n-Decane	43	9.426	9.426	(1.268)	87669	50.0000	62.2 (Q)	
99 2-Chlorotoluene	91	9.341	9.341	(0.927)	350466	50.0000	49.1	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	500579	50.0000	49.3	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	400010	50.0000	48.6	
102 4-Chlorotoluene	91	9.457	9.457	(0.939)	394800	50.0000	48.8	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	339690	50.0000	48.7	
105 Pentachloroethane	167	9.755	9.755	(0.969)	62424	50.0000	56.1	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	402819	50.0000	49.0	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	501670	50.0000	47.9	
109 d-Limonene	136	9.975	9.975	(1.342)	17286	50.0000	46.1	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	417843	50.0000	46.9	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	204791	50.0000	50.9	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	175054	50.0000		
112 1,4-Dichlorobenzene	146	10.091	10.091	(1.002)	207729	50.0000	50.5	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	406699	50.0000	48.2	
114 Benzyl chloride	91	10.231	10.231	(1.016)	103681	50.0000	30.4	
115 trans-Decalin	138	10.298	10.298	(1.022)	70933	50.0000	51.3	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	236876	50.0000	48.3	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	475980	50.0000	48.6	
119 n-Undecane	43	10.450	10.450	(1.038)	74603	50.0000	69.4 (Q)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	188862	50.0000	50.6	
120 cis-Decalin	138	10.822	10.822	(1.074)	53051	50.0000	49.3	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	339853	50.0000	46.2	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	14826	50.0000	46.8	
123 n-Dodecane	43	11.596	11.596	(1.151)	59904	50.0000	114 (Q)	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	96361	50.0000	50.4	
125 Hexachloro-1,3-butadiene	225	12.395	12.395	(1.231)	47230	50.0000	60.7	
126 Naphthalene	128	12.572	12.572	(1.248)	203476	50.0000	45.9	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	72879	50.0000	50.2	

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29421.D
Report Date: 11-Mar-2021 10:39

QC Flag Legend

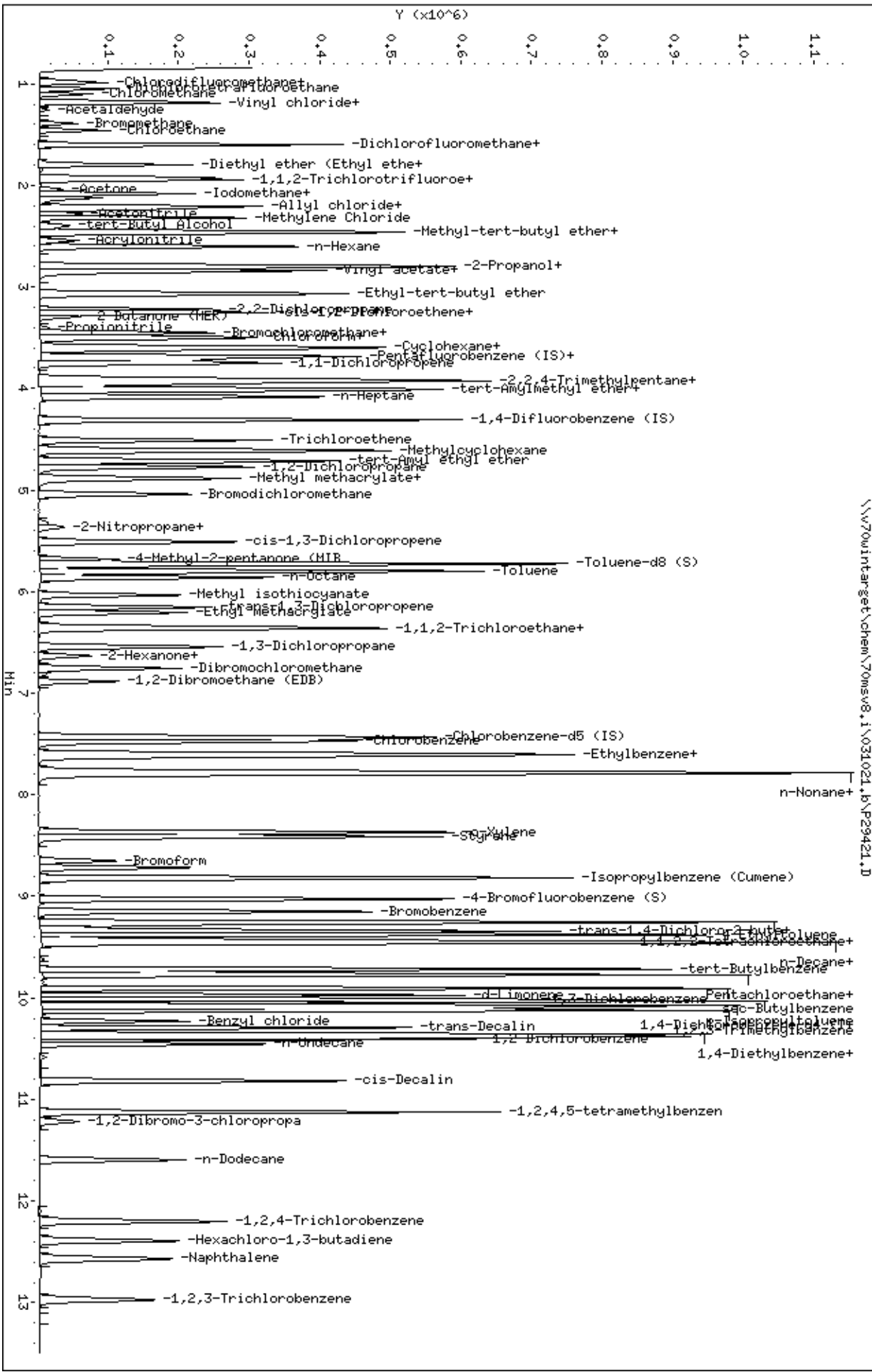
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

:
WP: Indicates that the wrong peak was chosen (i.e. The surrogate peak was misidentified by the computer system).

Data File: \\70win\target\chem\70msv8.1\031021.b\p29421.D
 Date : 10-MAR-2021 10:06
 Client ID: CCW
 Sample Info: CCW, 107618:1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: BBL
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29421.D
Injection Date: 10-MAR-2021 10:06
Instrument: 70msv8.i
Lab Sample ID: CCV

Compound: Ethanol Review Code: WP
CAS Number:

Date : 07-JUL-2020 16:24

Client ID: TUNE

Sample Info: TUNE, 93560:1

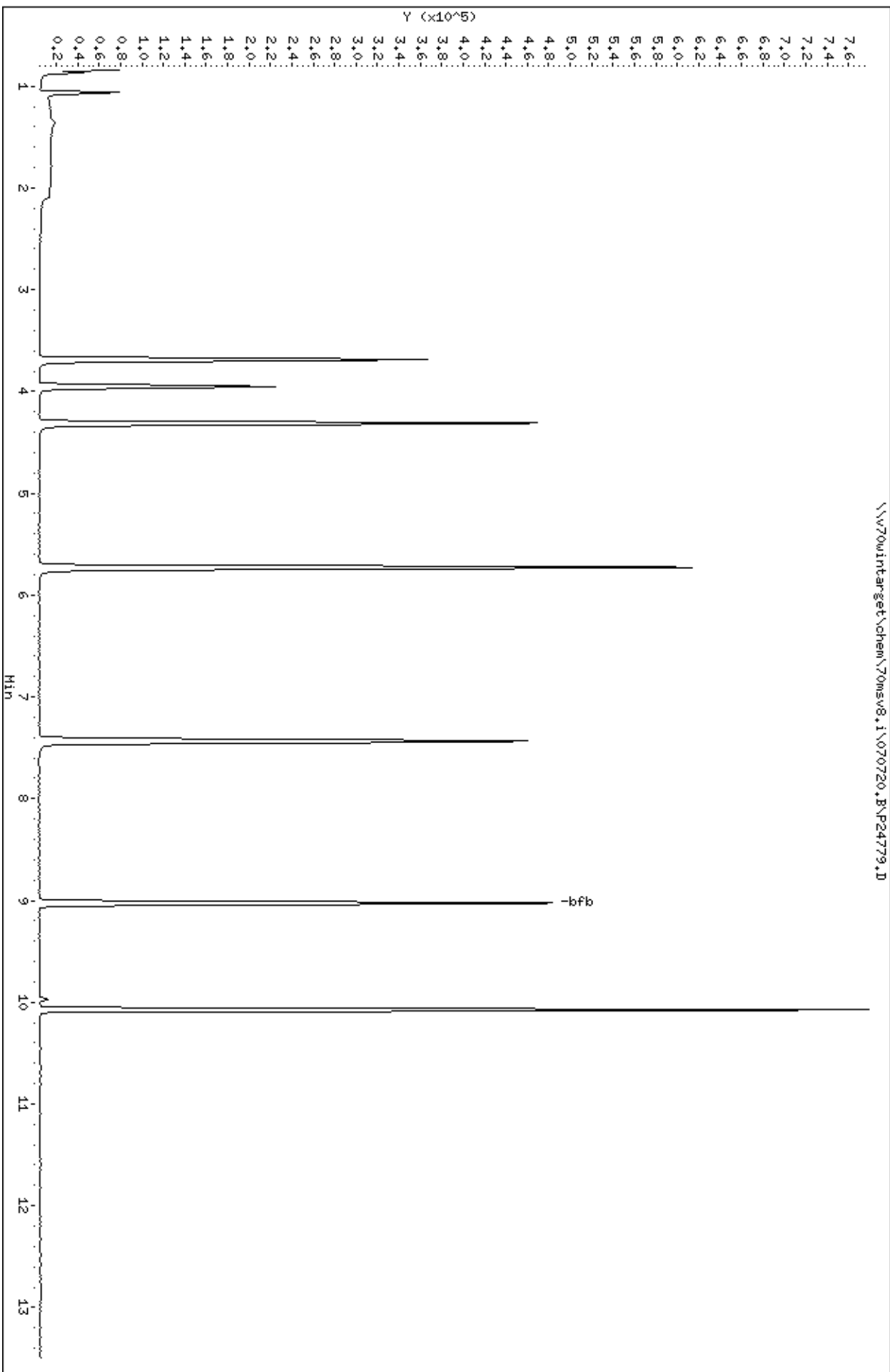
Instrument: 70msv8.1

Operator: GKB

Column diameter: 0.18

Column phase: DB-624

\\70wintarget\chem\70msv8.1\070720.B\P24779.D



Date : 07-JUL-2020 16:24

Client ID: TUNE

Instrument: 70msv8.i

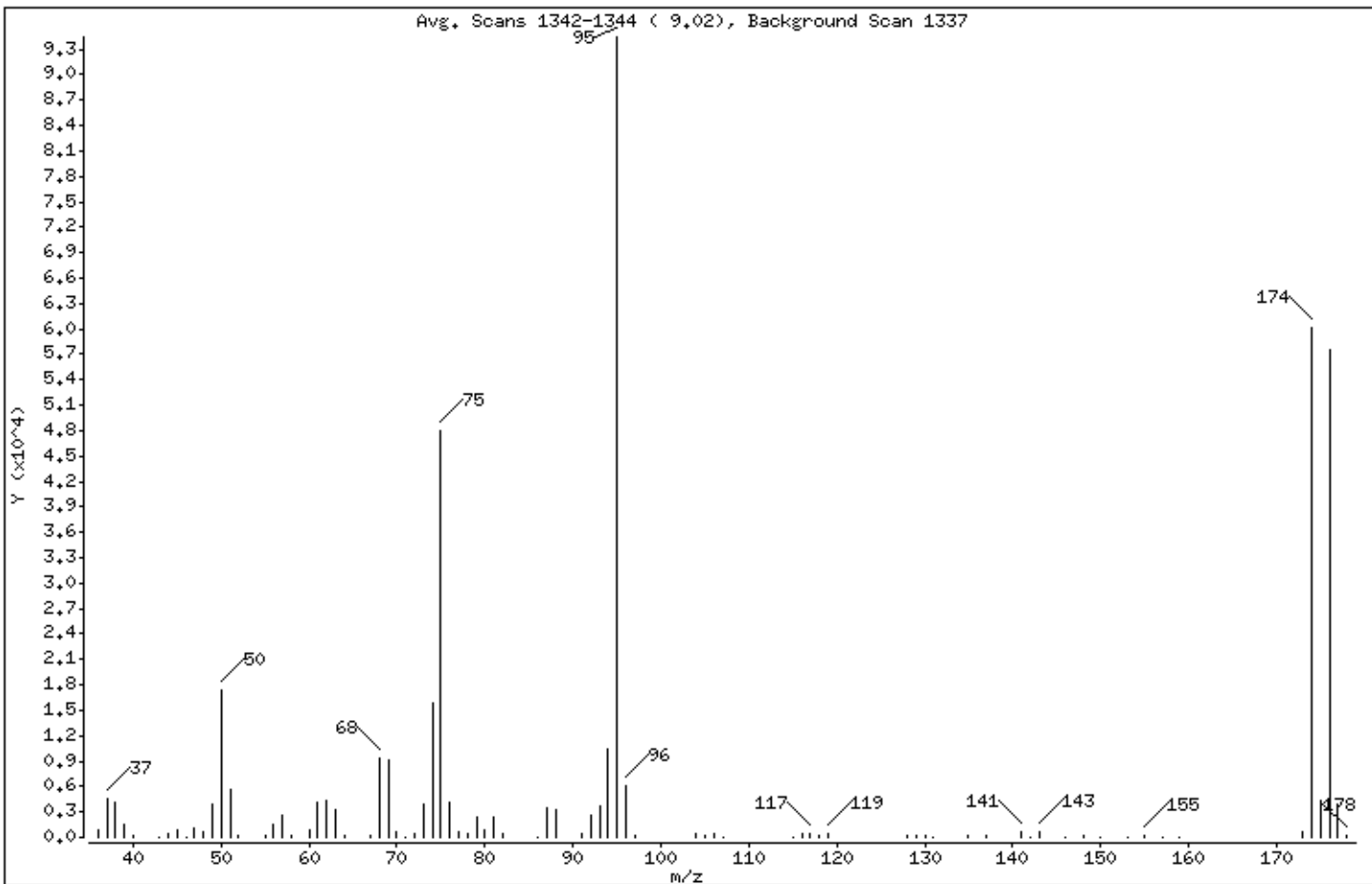
Sample Info: TUNE, 93560:1

Operator: GKB

Column phase: DB-624

Column diameter: 0,18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100,00
50	15,00 - 40,00% of mass 95	18,29
75	30,00 - 60,00% of mass 95	50,86
96	5,00 - 9,00% of mass 95	6,42
173	Less than 2,00% of mass 174	0,66 (1,04)
174	50,00 - 100,00% of mass 95	63,69
175	5,00 - 9,00% of mass 174	4,66 (7,32)
176	95,00 - 101,00% of mass 174	60,83 (95,50)
177	5,00 - 9,00% of mass 176	4,03 (6,62)

Date : 07-JUL-2020 16:24

Client ID: TUNE

Instrument: 70msv8.i

Sample Info: TUNE, 93560:1

Operator: GKB

Column phase: DB-624

Column diameter: 0,18

Data File: P24779.D

Spectrum: Avg. Scans 1342-1344 (9,02), Background Scan 1337

Location of Maximum: 95,00

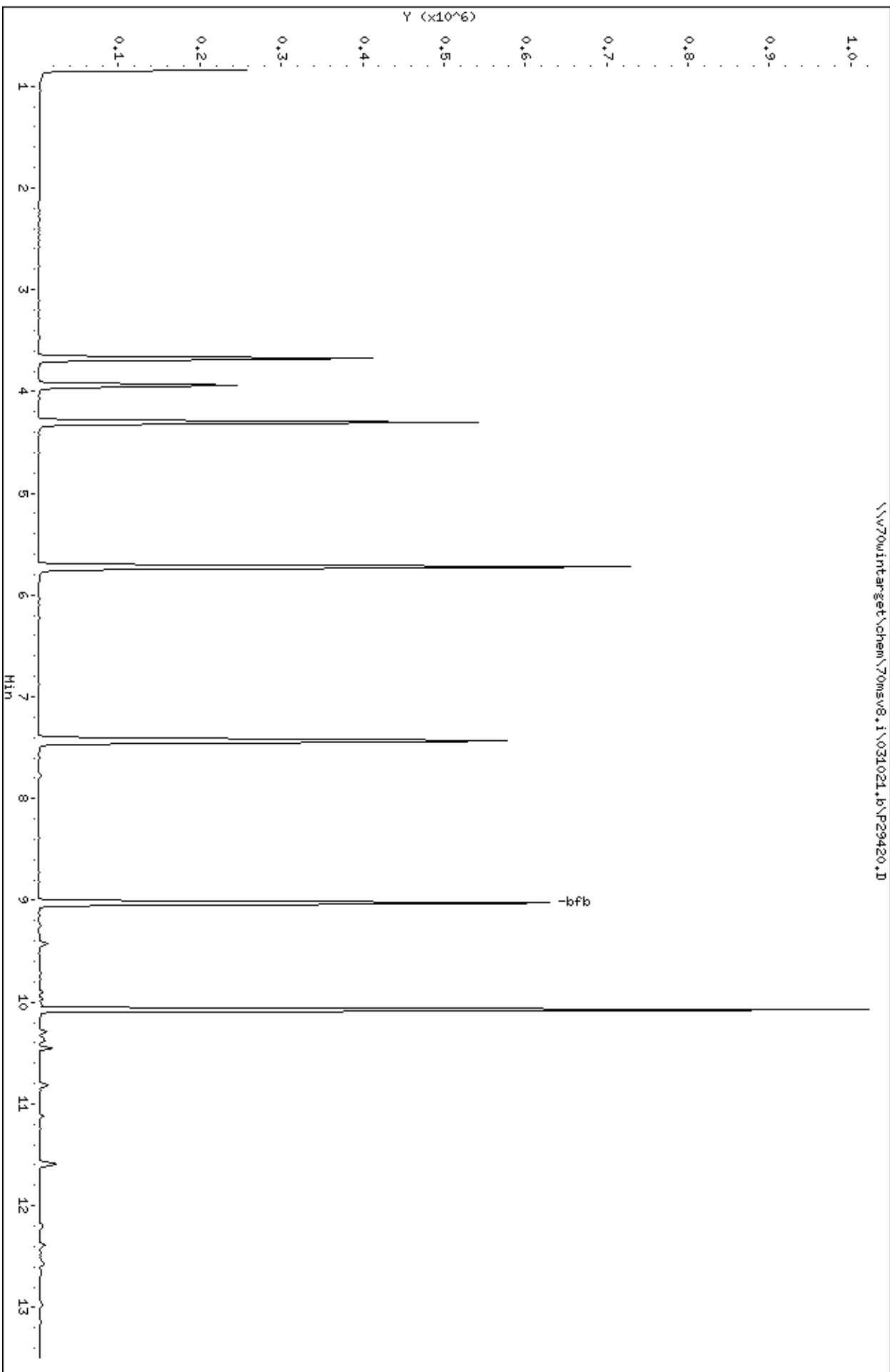
Number of points: 81

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37,00	4531	63,00	3244	91,00	372	137,00	156
38,00	4020	64,00	302	92,00	2662	141,00	649
39,00	1412	67,00	259	93,00	3734	142,00	80
40,00	114	68,00	9247	94,00	10467	143,00	648
43,00	93	69,00	9173	95,00	94440	146,00	44
44,00	484	70,00	739	96,00	6067	148,00	171
45,00	813	71,00	87	97,00	267	150,00	37
46,00	34	72,00	442	104,00	415	153,00	36
47,00	997	73,00	3975	105,00	137	155,00	226
48,00	610	74,00	15859	106,00	351	157,00	35
49,00	3849	75,00	48032	107,00	38	159,00	37
50,00	17272	76,00	4186	115,00	82	173,00	626
51,00	5677	77,00	556	116,00	326	174,00	60152
52,00	274	78,00	411	117,00	474	175,00	4401
55,00	305	79,00	2476	118,00	294	176,00	57448
56,00	1449	80,00	772	119,00	417	177,00	3804
57,00	2645	81,00	2418	128,00	291	178,00	109
58,00	124	82,00	491	129,00	125		
60,00	880	86,00	93	130,00	278		
61,00	4225	87,00	3460	131,00	98		

Column phase: DB-624

\\v70wintarget\chem\70msv8.i\031021.b\P29420.D

Operator: BBL
Column diameter: 0.18



Date : 10-MAR-2021 09:18

Client ID: TUNE

Instrument: 70msv8.i

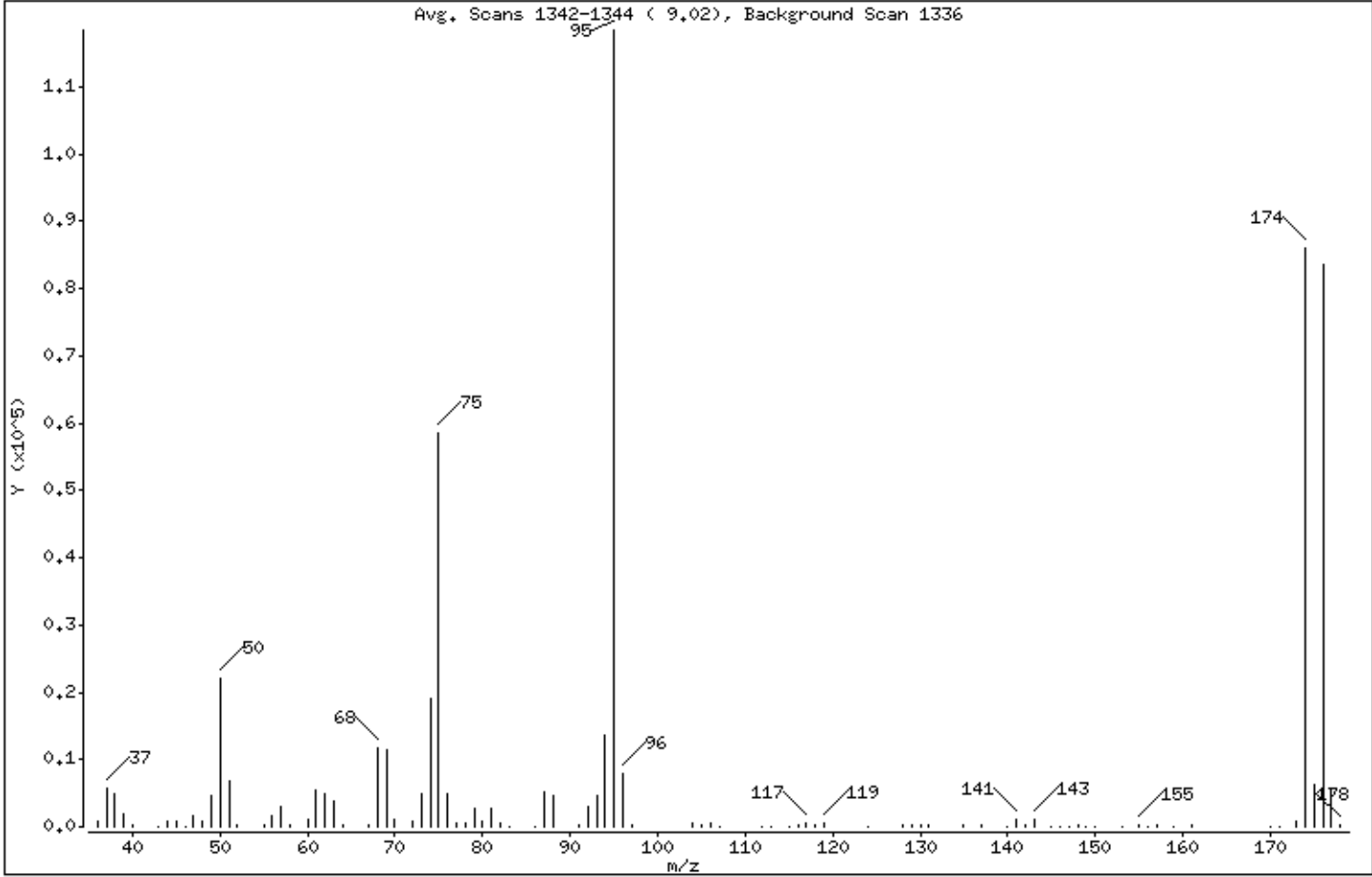
Sample Info: TUNE, 107079:1

Operator: BBL

Column phase: DB-624

Column diameter: 0,18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100,00
50	15,00 - 40,00% of mass 95	18,69
75	30,00 - 60,00% of mass 95	49,54
96	5,00 - 9,00% of mass 95	6,76
173	Less than 2,00% of mass 174	0,68 (0,93)
174	50,00 - 100,00% of mass 95	72,73
175	5,00 - 9,00% of mass 174	5,40 (7,42)
176	95,00 - 101,00% of mass 174	70,55 (97,00)
177	5,00 - 9,00% of mass 176	4,87 (6,90)

Date : 10-MAR-2021 09:18

Client ID: TUNE

Instrument: 70msv8.i

Sample Info: TUNE, 107079:1

Operator: BBL

Column phase: DB-624

Column diameter: 0.18

Data File: P29420.D

Spectrum: Avg. Scans 1342-1344 (9.02), Background Scan 1336

Location of Maximum: 95.00

Number of points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	936	67.00	324	96.00	8009	145.00	81
37.00	5758	68.00	11695	97.00	291	146.00	130
38.00	5018	69.00	11399	104.00	450	147.00	47
39.00	1906	70.00	964	105.00	157	148.00	268
40.00	142	72.00	696	106.00	457	149.00	58
43.00	112	73.00	5030	107.00	102	150.00	86
44.00	716	74.00	19184	112.00	120	153.00	38
45.00	947	75.00	58664	113.00	43	155.00	325
46.00	128	76.00	4994	115.00	109	156.00	35
47.00	1522	77.00	618	116.00	374	157.00	177
48.00	703	78.00	487	117.00	677	159.00	90
49.00	4706	79.00	2685	118.00	371	161.00	140
50.00	22136	80.00	724	119.00	589	170.00	37
51.00	6676	81.00	2835	124.00	35	171.00	40
52.00	406	82.00	580	128.00	404	173.00	805
55.00	355	83.00	73	129.00	219	174.00	86128
56.00	1710	86.00	122	130.00	330	175.00	6394
57.00	3128	87.00	5177	131.00	158	176.00	83544
58.00	148	88.00	4651	135.00	216	177.00	5768
60.00	991	91.00	403	137.00	184	178.00	186
61.00	5452	92.00	3090	140.00	91		
62.00	5033	93.00	4524	141.00	961		
63.00	3928	94.00	13633	142.00	169		
64.00	377	95.00	118424	143.00	984		

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BLANK

Lab Name: Pace Analytical - New York

Contract: VALIS GATE MANUFACTURING 3/1

Date Received: _____

Matrix: Water SDG No.: 70164195

Date Extracted: 03/10/2021 10:56

Lab Sample ID: 981848

Date Analyzed: 03/10/2021 10:56

Lab File ID: 031021.B\P29422A.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Instrument: 70MSV8 Percent Moisture: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
71-43-2	Benzene	<1.0	U
108-86-1	Bromobenzene	<1.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
75-25-2	Bromoform	<1.0	U
74-83-9	Bromomethane	<1.0	U
78-93-3	2-Butanone (MEK)	<5.0	U
104-51-8	n-Butylbenzene	<1.0	U
135-98-8	sec-Butylbenzene	<1.0	U
98-06-6	tert-Butylbenzene	<1.0	U
75-15-0	Carbon disulfide	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
108-90-7	Chlorobenzene	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	<1.0	U
74-87-3	Chloromethane	<1.0	U
95-49-8	2-Chlorotoluene	<1.0	U
106-43-4	4-Chlorotoluene	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
106-93-4	1,2-Dibromoethane (EDB)	<1.0	U
74-95-3	Dibromomethane	<1.0	U
95-50-1	1,2-Dichlorobenzene	<1.0	U
541-73-1	1,3-Dichlorobenzene	<1.0	U
106-46-7	1,4-Dichlorobenzene	<1.0	U
75-71-8	Dichlorodifluoromethane	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
107-06-2	1,2-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
142-28-9	1,3-Dichloropropane	<1.0	U
594-20-7	2,2-Dichloropropane	<1.0	U
563-58-6	1,1-Dichloropropene	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U

03/16/2021 9:50

MSV - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BLANK

Lab Name: Pace Analytical - New York
Date Received: _____
Date Extracted: 03/10/2021 10:56
Date Analyzed: 03/10/2021 10:56
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 981848
Lab File ID: 031021.B\VP29422A.D
Instrument: 70MSV8 Percent Moisture: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
100-41-4	Ethylbenzene	<1.0	U
87-68-3	Hexachloro-1,3-butadiene	<1.0	U
591-78-6	2-Hexanone	<5.0	U
98-82-8	Isopropylbenzene (Cumene)	<1.0	U
99-87-6	p-Isopropyltoluene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	U
1634-04-4	Methyl-tert-butyl ether	<1.0	U
91-20-3	Naphthalene	<1.0	U
103-65-1	n-Propylbenzene	<1.0	U
100-42-5	Styrene	<1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	<1.0	U
108-88-3	Toluene	<1.0	U
87-61-6	1,2,3-Trichlorobenzene	<1.0	U
120-82-1	1,2,4-Trichlorobenzene	<1.0	U
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
95-63-6	1,2,4-Trimethylbenzene	<1.0	U
108-67-8	1,3,5-Trimethylbenzene	<1.0	U
108-05-4	Vinyl acetate	<1.0	U
75-01-4	Vinyl chloride	<1.0	U
1330-20-7	Xylene (Total)	<3.0	U
179601-23-1	m&p-Xylene	<2.0	U
95-47-6	o-Xylene	<1.0	U

03/16/2021 9:50

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29422A.D
 Report Date: 11-Mar-2021 10:45

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29422A.D
 Lab Smp Id: 981848 Client Smp ID: MB
 Inj Date : 10-MAR-2021 10:56 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : 981848
 Misc Info : 11195
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 3 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
1 Chlorodifluoromethane	51							
2 Dichlorotetrafluoroethane	135							
3 Dichlorodifluoromethane	85							
4 Chloromethane	50							
5 Vinyl chloride	62							
6 1,3-Butadiene	54							
7 Acetaldehyde	44							
8 Bromomethane	94							
9 Chloroethane	64							
10 Dichlorofluoromethane	67							
11 Trichlorofluoromethane	101							
12 Ethanol	45							
13 Diethyl ether (Ethyl ether)	59							
16 1,1,2-Trichlorotrifluoroethane	101							
14 Acrolein	56							
15 1,1-Dichloroethene	96							
17 Acetone	43							
18 Iodomethane	142							
19 2-Propanol	45							
20 Carbon disulfide	76							
21 Allyl chloride	76							
22 Acetonitrile	41							
23 Methyl acetate	43							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
24 Methylene Chloride	84							
25 tert-Butyl Alcohol	59							
28 Methyl-tert-butyl ether	73							
27 trans-1,2-Dichloroethene	96							
26 Acrylonitrile	53							
30 n-Hexane	57							
29 Diisopropyl ether	45							
32 Vinyl acetate	43							
31 1,1-Dichloroethane	63							
33 Chloroprene	53							
34 Ethyl-tert-butyl ether	59							
36 2,2-Dichloropropane	77							
35 cis-1,2-Dichloroethene	96							
39 Ethyl acetate	61							
37 2-Butanone (MEK)	43							
41 Bromochloromethane	128							
42 Tetrahydrofuran	42							
43 Chloroform	83							
38 Propionitrile	54							
46 Cyclohexane	56							
45 1,1,1-Trichloroethane	97							
* 44 Pentafluorobenzene (IS)	168	3.689	3.683	(1.000)	220850	50.0000		
48 Carbon tetrachloride	117							(D)
47 1,1-Dichloropropene	75							(D)
55 2,2,4-Trimethylpentane	57							
51 Benzene	78							
40 Methacrylonitrile	67							
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.917)	136758	49.0182	49.0	
56 tert-Amylmethyl ether	73							
52 1,2-Dichloroethane	62							
57 n-Heptane	43							
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.311	(1.000)	369673	50.0000		
59 Trichloroethene	95							
60 Methylcyclohexane	83							
49 Isobutanol	43							
53 tert-Amyl Alcohol	59							
54 tert-Amyl ethyl ether	59							
61 1,2-Dichloropropane	63							
63 Methyl methacrylate	69							
64 1,4-Dioxane (p-Dioxane)	88							
62 Dibromomethane	93							
65 Bromodichloromethane	83							
66 2-Nitropropane	43							
67 2-Chloroethylvinyl ether	63							
68 cis-1,3-Dichloropropene	75							
69 4-Methyl-2-pentanone (MIBK)	43							(D)
\$ 70 Toluene-d8 (S)	98	5.732	5.726	(0.771)	446874	47.8004	47.8	
71 Toluene	91							
72 Methyl isothiocyanate	73							
74 trans-1,3-Dichloropropene	75							
75 Ethyl methacrylate	69							
76 1,1,2-Trichloroethane	83							
77 Tetrachloroethene	166							
78 1,3-Dichloropropane	76							

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
79 2-Hexanone	43				Compound Not Detected.			
73 n-Octane	43				Compound Not Detected.			
81 n-Butyl acetate	43				Compound Not Detected.			
80 Dibromochloromethane	129				Compound Not Detected.			
82 1,2-Dibromoethane (EDB)	107				Compound Not Detected.			
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	188209	50.0000		
84 Chlorobenzene	112				Compound Not Detected.			
86 Ethylbenzene	106				Compound Not Detected.			
85 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.			
88 n-Nonane	43				Compound Not Detected.			
87 m&p-Xylene	106				Compound Not Detected.			
89 o-Xylene	106				Compound Not Detected.			
90 Styrene	104				Compound Not Detected.			
91 Bromoform	173				Compound Not Detected.			
92 Isopropylbenzene (Cumene)	105				Compound Not Detected.			
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	176471	48.6189	48.6	
94 Bromobenzene	156				Compound Not Detected.			
95 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.			
98 n-Propylbenzene	91				Compound Not Detected.			
96 1,2,3-Trichloropropane	110				Compound Not Detected.			
97 trans-1,4-Dichloro-2-butene	53				Compound Not Detected.			
103 n-Decane	43				Compound Not Detected.			(D)
99 2-Chlorotoluene	91				Compound Not Detected.			
100 4-Ethyltoluene	105				Compound Not Detected.			
101 1,3,5-Trimethylbenzene	105				Compound Not Detected.			
102 4-Chlorotoluene	91				Compound Not Detected.			
104 tert-Butylbenzene	119				Compound Not Detected.			
105 Pentachloroethane	167				Compound Not Detected.			
106 1,2,4-Trimethylbenzene	105				Compound Not Detected.			
107 sec-Butylbenzene	105				Compound Not Detected.			
109 d-Limonene	136				Compound Not Detected.			
110 p-Isopropyltoluene	119				Compound Not Detected.			
108 1,3-Dichlorobenzene	146				Compound Not Detected.			
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	171247	50.0000		
112 1,4-Dichlorobenzene	146				Compound Not Detected.			
113 1,2,3-Trimethylbenzene	105				Compound Not Detected.			
114 Benzyl chloride	91				Compound Not Detected.			
115 trans-Decalin	138				Compound Not Detected.			
116 1,4-Diethylbenzene	119				Compound Not Detected.			
117 n-Butylbenzene	91				Compound Not Detected.			
119 n-Undecane	43				Compound Not Detected.			(D)
118 1,2-Dichlorobenzene	146				Compound Not Detected.			
120 cis-Decalin	138				Compound Not Detected.			
121 1,2,4,5-tetramethylbenzene	119				Compound Not Detected.			
122 1,2-Dibromo-3-chloropropane	75				Compound Not Detected.			
123 n-Dodecane	43				Compound Not Detected.			(D)
124 1,2,4-Trichlorobenzene	180				Compound Not Detected.			
125 Hexachloro-1,3-butadiene	225				Compound Not Detected.			
126 Naphthalene	128				Compound Not Detected.			
127 1,2,3-Trichlorobenzene	180				Compound Not Detected.			

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29422A.D
Report Date: 11-Mar-2021 10:45

QC Flag Legend

D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29422A.D
Report Date: 11-Mar-2021 10:45

Pace Analytical Services, Inc.

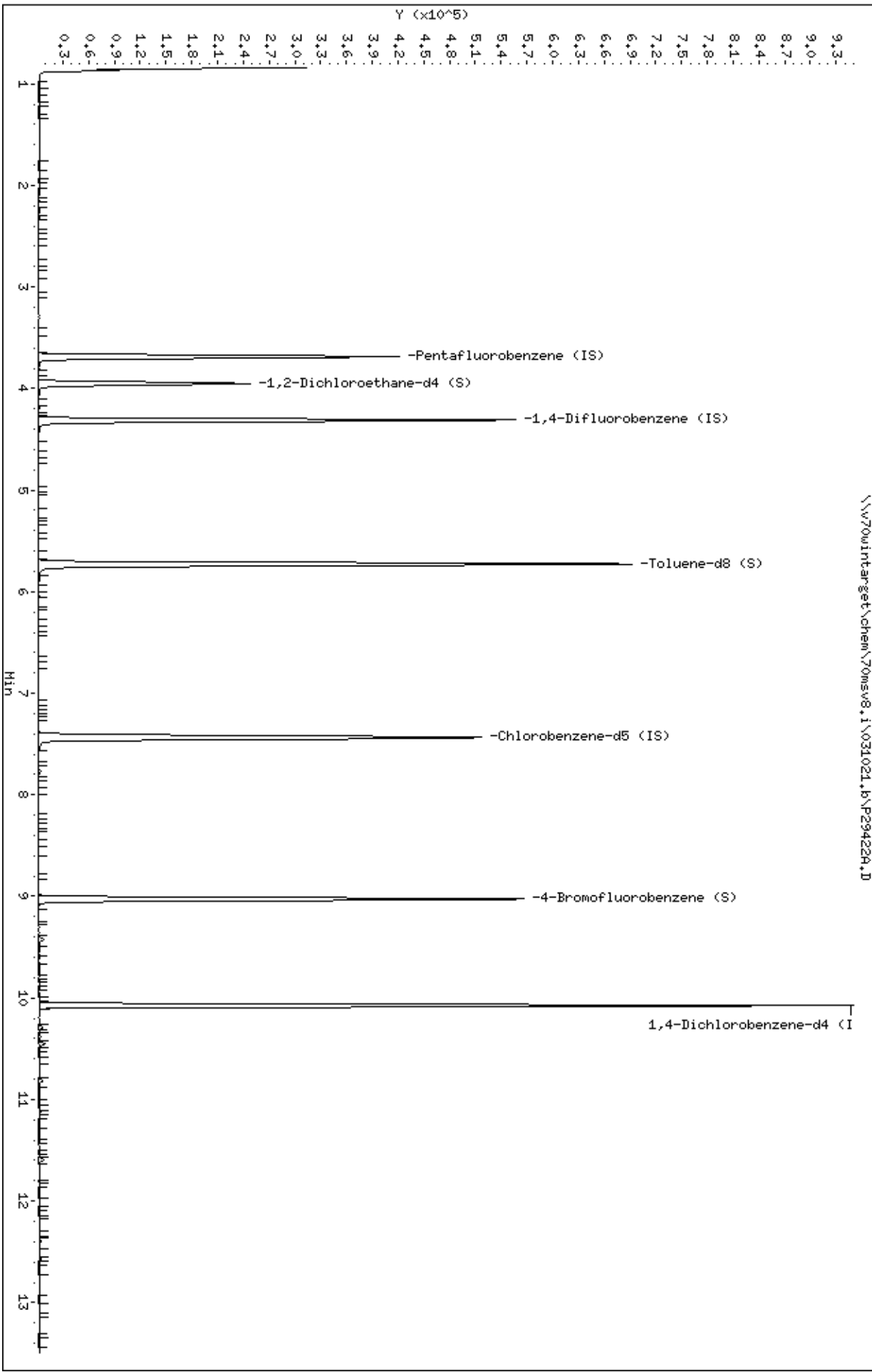
SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29422A.D
Lab Smp Id: 981848 Client Smp ID: MB
Inj Date : 10-MAR-2021 10:56 MS Autotune Date: 07-JUL-2020 12:1
Operator : BBL Inst ID: 70msv8.i
Smp Info : 981848
Misc Info : 11195
Comment :
Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\70win\intarget\chem\70msv8.1\031021.b\p294229.D
Date: 10-MAR-2021 10:56
Client ID: HB
Sample Info: 981848
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv8.1
Operator: BBL
Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29422A.D
Injection Date: 10-MAR-2021 10:56
Instrument: 70msv8.i
Lab Sample ID: 981848
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS

Lab Name: Pace Analytical - New York
Date Received: _____
Date Extracted: 03/10/2021 11:44
Date Analyzed: 03/10/2021 11:44
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 981849
Lab File ID: 031021.B\29424A.D
Instrument: 70MSV8 Percent Moisture: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	61.7	
71-43-2	Benzene	49.9	
108-86-1	Bromobenzene	48.9	
74-97-5	Bromochloromethane	46.6	
75-27-4	Bromodichloromethane	48.8	
75-25-2	Bromoform	57.8	
74-83-9	Bromomethane	75.7	
78-93-3	2-Butanone (MEK)	32.7	
104-51-8	n-Butylbenzene	45.5	
135-98-8	sec-Butylbenzene	45.3	
98-06-6	tert-Butylbenzene	45.1	
75-15-0	Carbon disulfide	40.0	
56-23-5	Carbon tetrachloride	47.7	
108-90-7	Chlorobenzene	48.1	
75-00-3	Chloroethane	41.2	
67-66-3	Chloroform	46.1	
74-87-3	Chloromethane	42.8	
95-49-8	2-Chlorotoluene	46.1	
106-43-4	4-Chlorotoluene	46.3	
96-12-8	1,2-Dibromo-3-chloropropane	44.7	
124-48-1	Dibromochloromethane	51.1	
106-93-4	1,2-Dibromoethane (EDB)	48.8	
74-95-3	Dibromomethane	49.1	
95-50-1	1,2-Dichlorobenzene	48.9	
541-73-1	1,3-Dichlorobenzene	50.2	
106-46-7	1,4-Dichlorobenzene	48.5	
75-71-8	Dichlorodifluoromethane	15.7	
75-34-3	1,1-Dichloroethane	48.4	
107-06-2	1,2-Dichloroethane	46.8	
75-35-4	1,1-Dichloroethene	37.7	
156-59-2	cis-1,2-Dichloroethene	46.5	
156-60-5	trans-1,2-Dichloroethene	43.5	
78-87-5	1,2-Dichloropropane	53.3	
142-28-9	1,3-Dichloropropane	51.4	
594-20-7	2,2-Dichloropropane	29.2	
563-58-6	1,1-Dichloropropene	49.0	
10061-01-5	cis-1,3-Dichloropropene	46.4	

03/16/2021 9:50

MSV - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS

Lab Name: Pace Analytical - New York
Date Received: _____
Date Extracted: 03/10/2021 11:44
Date Analyzed: 03/10/2021 11:44
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 981849
Lab File ID: 031021.B\VP29424A.D
Instrument: 70MSV8 Percent Moisture: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-6	trans-1,3-Dichloropropene	42.4	
100-41-4	Ethylbenzene	46.8	
87-68-3	Hexachloro-1,3-butadiene	54.8	
591-78-6	2-Hexanone	54.3	
98-82-8	Isopropylbenzene (Cumene)	45.6	
99-87-6	p-Isopropyltoluene	44.9	
75-09-2	Methylene Chloride	45.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	59.7	
1634-04-4	Methyl-tert-butyl ether	44.6	
91-20-3	Naphthalene	46.0	
103-65-1	n-Propylbenzene	46.4	
100-42-5	Styrene	48.1	
630-20-6	1,1,1,2-Tetrachloroethane	46.6	
79-34-5	1,1,2,2-Tetrachloroethane	51.9	
127-18-4	Tetrachloroethene	48.7	
108-88-3	Toluene	49.5	
87-61-6	1,2,3-Trichlorobenzene	48.2	
120-82-1	1,2,4-Trichlorobenzene	48.9	
71-55-6	1,1,1-Trichloroethane	41.4	
79-00-5	1,1,2-Trichloroethane	51.1	
79-01-6	Trichloroethene	46.9	
75-69-4	Trichlorofluoromethane	35.7	
96-18-4	1,2,3-Trichloropropane	49.3	
95-63-6	1,2,4-Trimethylbenzene	46.6	
108-67-8	1,3,5-Trimethylbenzene	46.3	
108-05-4	Vinyl acetate	40.0	
75-01-4	Vinyl chloride	48.8	
1330-20-7	Xylene (Total)	141	
179601-23-1	m&p-Xylene	94.3	
95-47-6	o-Xylene	47.2	

03/16/2021 9:50

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D
 Lab Smp Id: 981849, 106905:1.25 Client Smp ID: MBLCS
 Inj Date : 10-MAR-2021 11:44 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : 981849, 106905:1.25
 Misc Info : 11195
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 5 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	CONCENTRATIONS					REVIEW C	
			ON-COLUMN	FINAL	MASS	RT	EXP RT		REL RT
			(ug/L)	(ug/L)					
1 Chlorodifluoromethane	51		33.8910	33.9	0.995	0.989	(0.270)	60974	
2 Dichlorotetrafluoroethane	135		24.9403	24.9	1.056	1.050	(0.286)	23214	
3 Dichlorodifluoromethane	85		15.6632	15.7 (QR)	0.977	0.971	(0.265)	27286	
4 Chloromethane	50		42.8355	42.8	1.105	1.099	(0.299)	50250	
5 Vinyl chloride	62		48.8103	48.8	1.172	1.166	(0.318)	65194	
6 1,3-Butadiene	54		37.2740	37.3	1.190	1.190	(0.323)	50362	
7 Acetaldehyde	44		81.4702	81.5	1.263	1.257	(0.342)	13949	
8 Bromomethane	94		75.6675	75.7 (R)	1.391	1.391	(0.377)	19221	
9 Chloroethane	64		41.2073	41.2	1.464	1.458	(0.397)	44215	
10 Dichlorofluoromethane	67		44.0743	44.1	1.604	1.598	(0.435)	120135	
11 Trichlorofluoromethane	101		35.6911	35.7	1.604	1.598	(0.435)	89401	
12 Ethanol	45		834.330	834 (QRM)	1.781	1.781	(0.483)	7185	WP
13 Diethyl ether (Ethyl ether)	59		50.8693	50.9	1.800	1.794	(0.488)	70861	
16 1,1,2-Trichlorotrifluoroethane	101		40.8623	40.9	1.928	1.922	(0.523)	65007	
14 Acrolein	56		51.1429	51.1	1.934	1.934	(0.524)	12435	
15 1,1-Dichloroethene	96		37.6741	37.7	1.952	1.946	(0.529)	56570	
17 Acetone	43		61.6948	61.7	2.043	2.037	(0.554)	22133	
18 Iodomethane	142		41.6321	41.6	2.068	2.068	(0.561)	19760	
19 2-Propanol	45		1309.63	1310	2.799	2.793	(0.759)	295417	
20 Carbon disulfide	76		39.9924	40.0	2.086	2.086	(0.565)	182551	
21 Allyl chloride	76		42.5433	42.5	2.214	2.208	(0.600)	42353	
22 Acetonitrile	41		295.592	296	2.281	2.281	(0.618)	47443	
23 Methyl acetate	43		111.000	111 (R)	2.238	2.232	(0.607)	121925	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
24 Methylene Chloride	84	2.318	2.318	(0.628)	79276	45.8936	45.9	
25 tert-Butyl Alcohol	59	2.397	2.397	(0.650)	24809	208.293	208	
28 Methyl-tert-butyl ether	73	2.458	2.458	(0.666)	234715	44.5912	44.6	
27 trans-1,2-Dichloroethene	96	2.470	2.470	(0.670)	73555	43.4824	43.5	
26 Acrylonitrile	53	2.549	2.543	(0.691)	28112	55.1776	55.2	
30 n-Hexane	57	2.604	2.604	(0.706)	117445	48.4612	48.5	
29 Diisopropyl ether	45	2.799	2.793	(0.759)	295417	52.3853	52.4	
32 Vinyl acetate	43	2.836	2.836	(0.769)	139081	39.9529	40.0	
31 1,1-Dichloroethane	63	2.812	2.806	(0.762)	150847	48.3535	48.4	
33 Chloroprene	53	2.848	2.842	(0.772)	118902	45.7273	45.7	
34 Ethyl-tert-butyl ether	59	3.068	3.068	(0.831)	257401	44.3916	44.4	
36 2,2-Dichloropropane	77	3.226	3.226	(0.874)	84600	29.1537	29.2 (R)	
35 cis-1,2-Dichloroethene	96	3.257	3.257	(0.883)	93341	46.4866	46.5	
39 Ethyl acetate	61	3.257	3.251	(0.883)	136535	47.5599	47.6	
37 2-Butanone (MEK)	43	3.293	3.293	(0.893)	55502	32.7282	32.7 (R)	
41 Bromochloromethane	128	3.452	3.452	(0.936)	40441	46.6107	46.6	
42 Tetrahydrofuran	42	3.458	3.458	(0.937)	25949	63.6661	63.7	
43 Chloroform	83	3.507	3.507	(0.950)	149520	46.1256	46.1	
38 Propionitrile	54	3.403	3.403	(0.922)	10856	55.4139	55.4	
46 Cyclohexane	56	3.592	3.592	(0.974)	162812	49.4091	49.4	
45 1,1,1-Trichloroethane	97	3.616	3.616	(0.839)	116820	41.3558	41.4	
* 44 Pentafluorobenzene (IS)	168	3.689	3.683	(1.000)	227113	50.0000		
48 Carbon tetrachloride	117	3.720	3.714	(0.863)	125575	47.7366	47.7	
47 1,1-Dichloropropene	75	3.756	3.750	(0.871)	119081	48.9872	49.0	
55 2,2,4-Trimethylpentane	57	3.909	3.903	(1.059)	231833	48.6726	48.7	
51 Benzene	78	3.927	3.927	(0.911)	335779	49.8828	49.9	
40 Methacrylonitrile	67	3.488	3.488	(0.945)	34714	51.3124	51.3	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952	(0.917)	136758	48.2068	48.2	
56 tert-Amylmethyl ether	73	4.006	4.000	(1.086)	217884	41.7071	41.7	
52 1,2-Dichloroethane	62	4.019	4.019	(1.089)	118230	46.7633	46.8	
57 n-Heptane	43	4.086	4.080	(1.107)	125662	51.0419	51.0	
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.311	(1.000)	375895	50.0000		
59 Trichloroethene	95	4.512	4.512	(1.047)	89016	46.9448	46.9	
60 Methylcyclohexane	83	4.610	4.610	(1.069)	165799	47.3782	47.4	
49 Isobutanol	43	3.909	3.909	(1.059)	54550	253.779	254	
53 tert-Amyl Alcohol	59	Compound Not Detected.						(Q)
54 tert-Amyl ethyl ether	59	4.714	4.714	(1.278)	178581	39.5779	39.6	
61 1,2-Dichloropropane	63	4.775	4.775	(1.107)	91453	53.3344	53.3	
63 Methyl methacrylate	69	4.878	4.878	(1.131)	54910	49.3206	49.3	
64 1,4-Dioxane (p-Dioxane)	88	4.903	4.897	(1.137)	18110	1440.57	1440	
62 Dibromomethane	93	4.890	4.890	(1.134)	51502	49.1057	49.1	
65 Bromodichloromethane	83	5.043	5.043	(1.170)	117269	48.7826	48.8	
66 2-Nitropropane	43	5.366	5.360	(1.245)	22512	24.7044	24.7 (R)	
67 2-Chloroethylvinyl ether	63	Compound Not Detected.						
68 cis-1,3-Dichloropropene	75	5.512	5.506	(1.279)	132293	46.3754	46.4	
69 4-Methyl-2-pentanone (MIBK)	43	5.683	5.683	(1.318)	73132	59.6518	59.6	
\$ 70 Toluene-d8 (S)	98	5.732	5.726	(0.771)	460809	47.6744	47.7	
71 Toluene	91	5.799	5.799	(1.345)	391978	49.4600	49.5	
72 Methyl isothiocyanate	73	6.037	6.037	(1.400)	125465	132.275	132	
74 trans-1,3-Dichloropropene	75	6.152	6.152	(1.427)	110098	42.3918	42.4	
75 Ethyl methacrylate	69	6.207	6.207	(1.440)	100482	49.4759	49.5	
76 1,1,2-Trichloroethane	83	6.347	6.348	(1.472)	67393	51.1139	51.1	
77 Tetrachloroethene	166	6.366	6.366	(0.856)	87295	48.6955	48.7	
78 1,3-Dichloropropane	76	6.543	6.543	(0.880)	133442	51.4386	51.4	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
79 2-Hexanone	43	6.634	6.634	(0.893)	47309	54.2564	54.2	
73 n-Octane	43	5.860	5.860	(1.359)	112814	51.7813	51.8 (Q)	
81 n-Butyl acetate	43	6.634	6.634	(1.539)	47309	25.3658	25.4 (Q)	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	82047	51.1145	51.1	
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.597)	72215	48.7678	48.8	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	194591	50.0000		
84 Chlorobenzene	112	7.475	7.469	(1.006)	241504	48.0593	48.0	
86 Ethylbenzene	106	7.603	7.603	(1.023)	139488	46.7927	46.8	
85 1,1,1,2-Tetrachloroethane	131	7.615	7.616	(1.025)	78339	46.6264	46.6	
88 n-Nonane	43	7.768	7.768	(1.045)	69355	44.0600	44.1 (Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	340371	94.3083	94.3	
89 o-Xylene	106	8.371	8.371	(1.126)	164368	47.1710	47.2	
90 Styrene	104	8.414	8.414	(1.132)	280333	48.0930	48.1	
91 Bromoform	173	8.652	8.652	(1.164)	48587	57.7817	57.8	
92 Isopropylbenzene (Cumene)	105	8.823	8.817	(0.876)	446809	45.5959	45.6	
\$ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	178565	47.5823	47.6	
94 Bromobenzene	156	9.152	9.152	(0.909)	101889	48.8989	48.9	
95 1,1,2,2-Tetrachloroethane	83	9.243	9.249	(0.918)	96274	51.9308	51.9	
98 n-Propylbenzene	91	9.255	9.255	(0.919)	545663	46.3666	46.4	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	27414	49.3064	49.3 (Q)	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	23418	42.6640	42.7	
103 n-Decane	43	9.426	9.426	(1.268)	44490	32.3148	32.3 (Q)	
99 2-Chlorotoluene	91	9.341	9.341	(0.927)	324828	46.1035	46.1	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	469738	46.8672	46.9	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	376773	46.3422	46.3	
102 4-Chlorotoluene	91	9.463	9.457	(0.939)	369504	46.3281	46.3	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	310810	45.1232	45.1	
105 Pentachloroethane	167	9.755	9.755	(0.969)	58124	52.9349	52.9 (Q)	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	377737	46.6108	46.6	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	468006	45.2783	45.3	
109 d-Limonene	136	9.975	9.975	(1.342)	13767	37.5994	37.6	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	395088	44.9441	44.9	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	199385	50.2363	50.2	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	172763	50.0000		
112 1,4-Dichlorobenzene	146	10.091	10.091	(1.002)	196872	48.4905	48.5	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	387948	46.6137	46.6	
114 Benzyl chloride	91	10.231	10.231	(1.016)	95609	28.3865	28.4	
115 trans-Decalin	138	10.298	10.298	(1.022)	59726	43.7545	43.8	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	224817	46.4449	46.4	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	439240	45.4531	45.4	
119 n-Undecane	43	10.450	10.450	(1.038)	31213	25.2617	25.3 (Q)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	180344	48.9264	48.9	
120 cis-Decalin	138	10.816	10.822	(1.074)	44613	42.0322	42.0	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	324746	44.7790	44.8	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	13999	44.7398	44.7	
123 n-Dodecane	43	11.596	11.596	(1.151)	21167	24.6053	24.6 (Q)	
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	92347	48.9359	48.9	
125 Hexachloro-1,3-butadiene	225	12.389	12.395	(1.230)	42100	54.7985	54.8	
126 Naphthalene	128	12.566	12.572	(1.248)	201259	46.0367	46.0	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	69177	48.2353	48.2	

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Report Date: 11-Mar-2021 10:45

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Review Codes Legend

:
WP: Indicates that the wrong peak was chosen (i.e. The surrogate peak was misidentified by the computer system).

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D
Report Date: 11-Mar-2021 10:45

Pace Analytical Services, Inc.

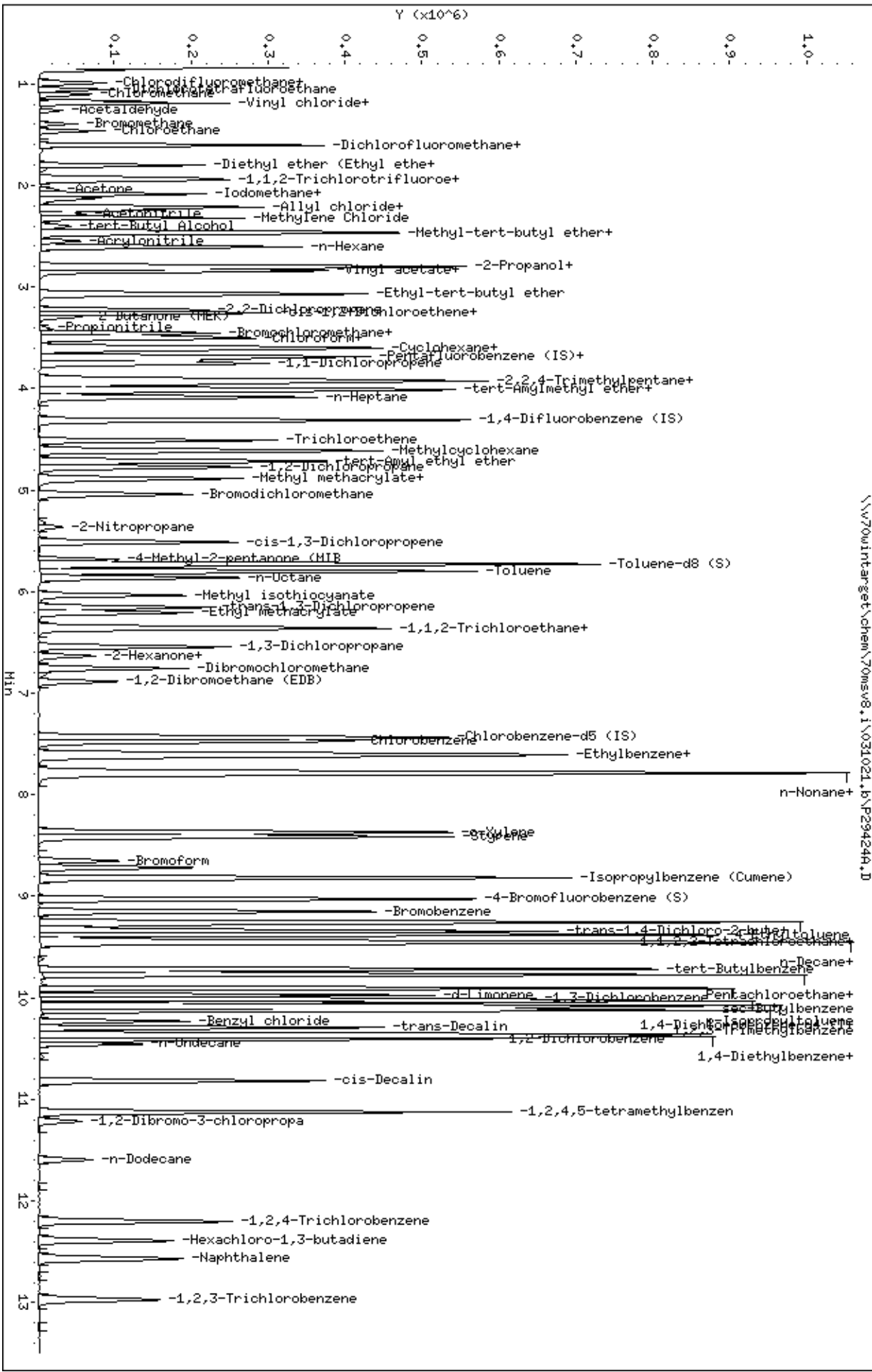
SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D
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Inj Date : 10-MAR-2021 11:44 MS Autotune Date: 07-JUL-2020 12:1
Operator : BBL Inst ID: 70msv8.i
Smp Info : 981849, 106905:1.25
Misc Info : 11195
Comment :
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Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\70wintarget\chem\70msv8.1\031021.b\p294244.D
 Date: 10-MAR-2021 11:44
 Client ID: HBLCS
 Sample Info: 981849, 106905:1.25
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: BBL
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

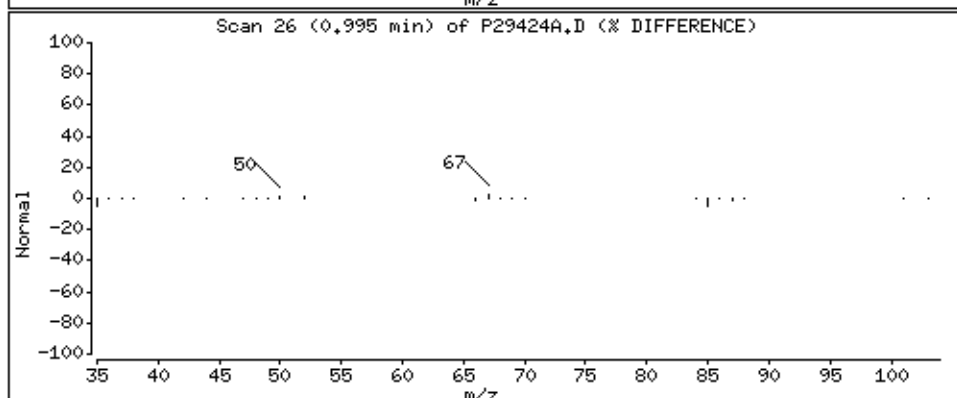
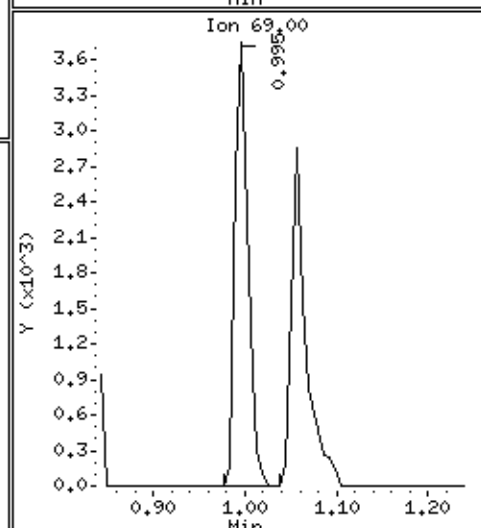
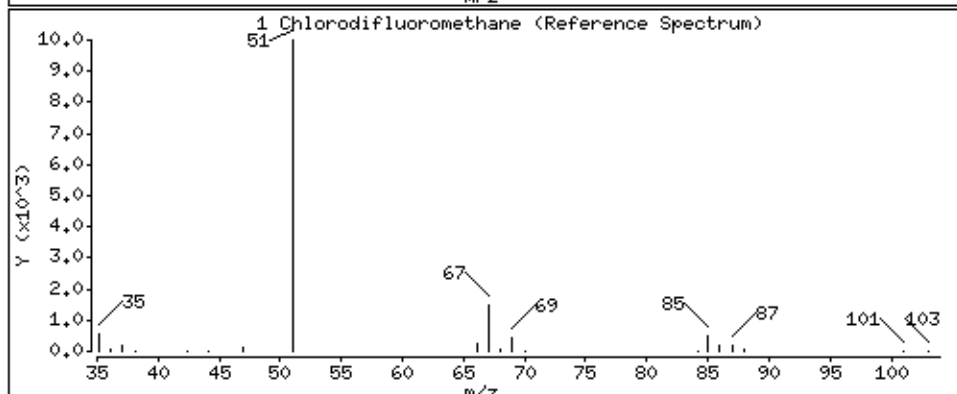
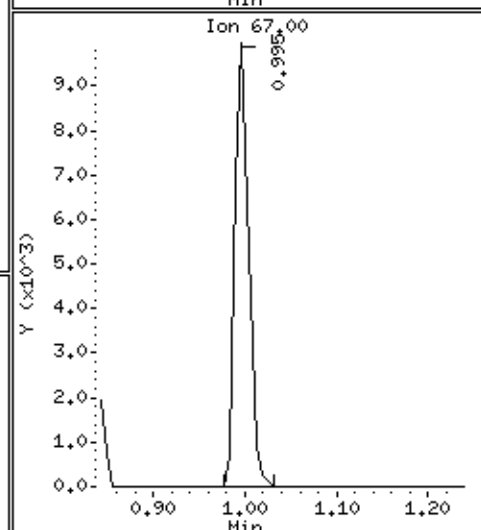
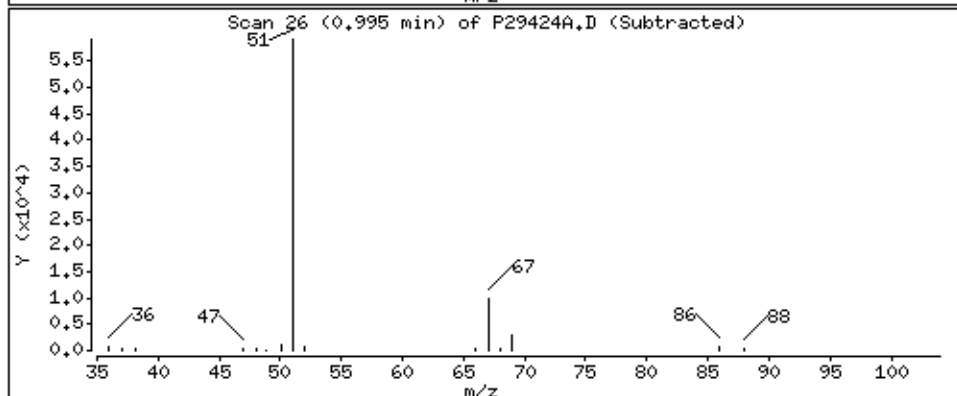
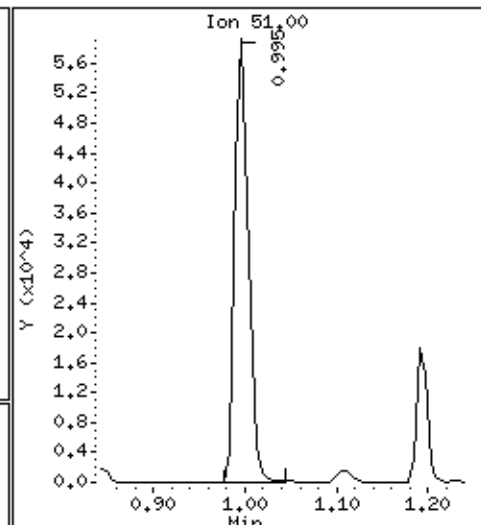
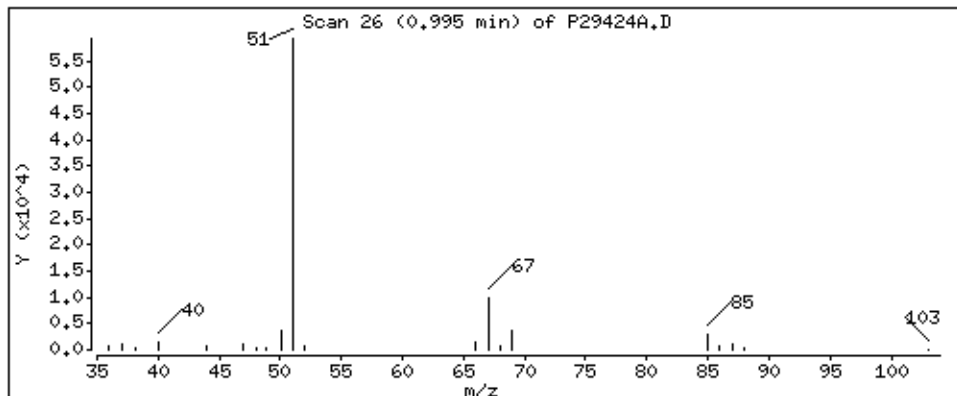
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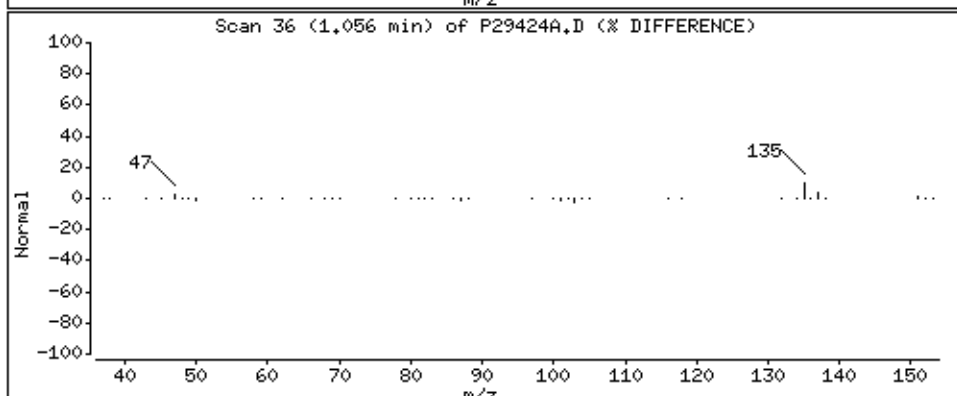
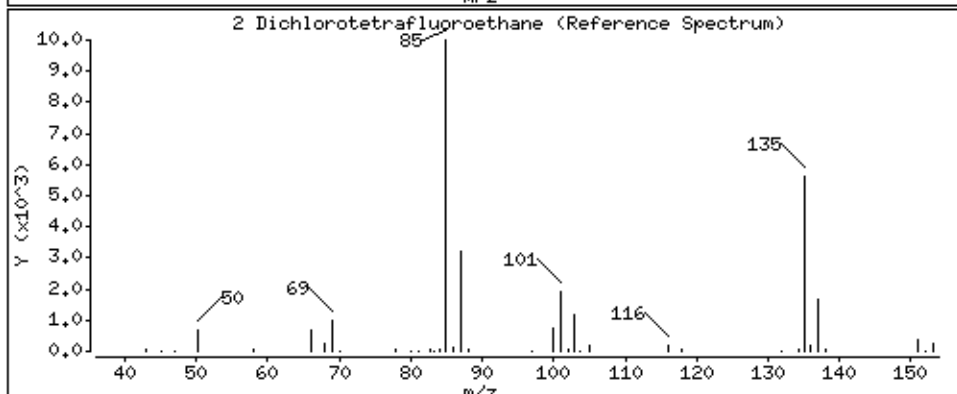
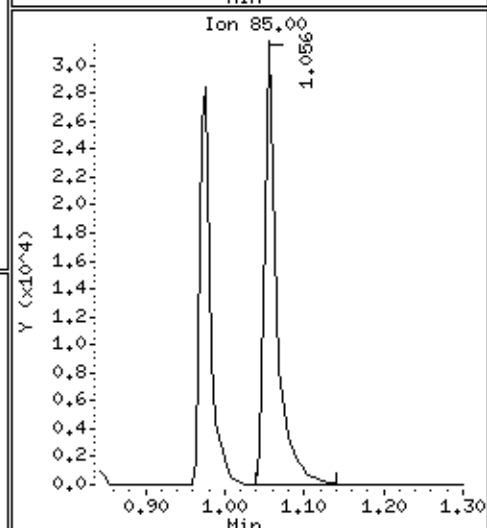
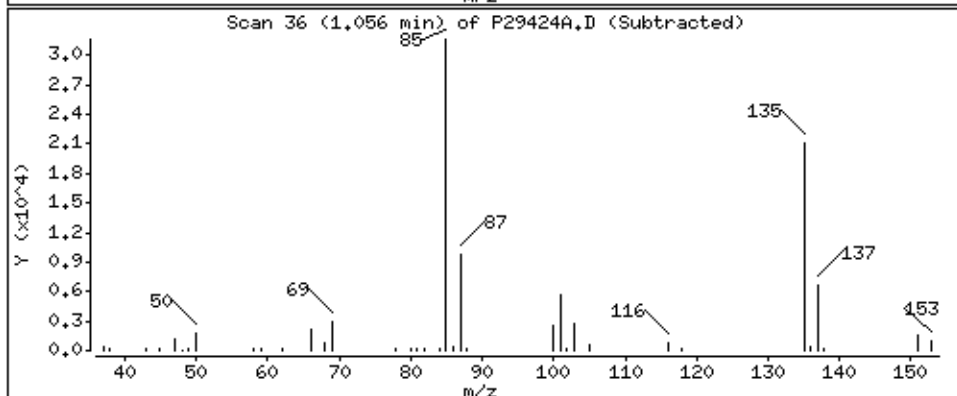
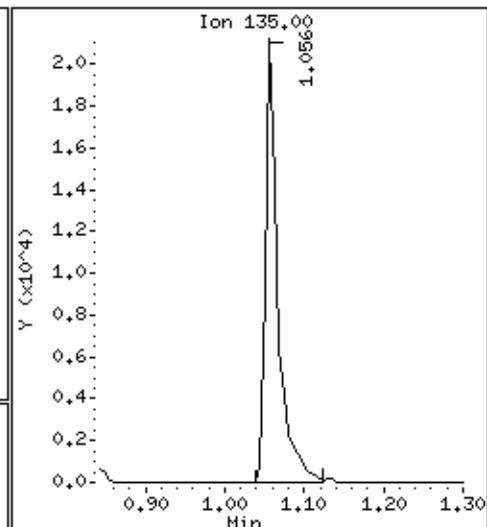
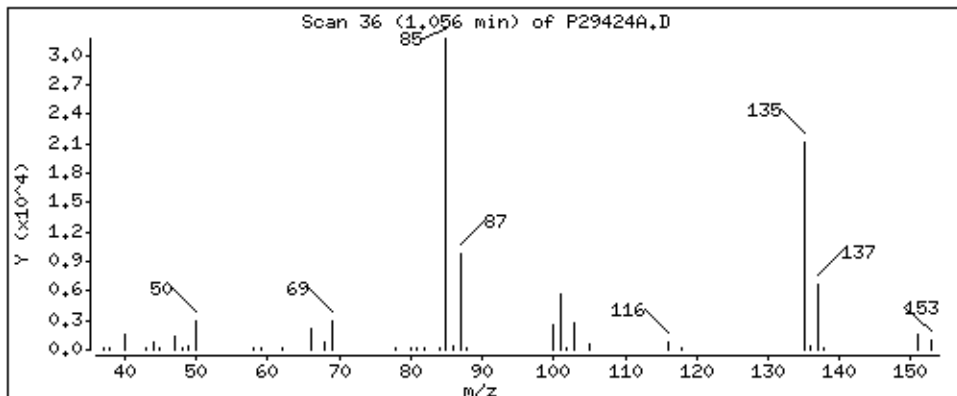
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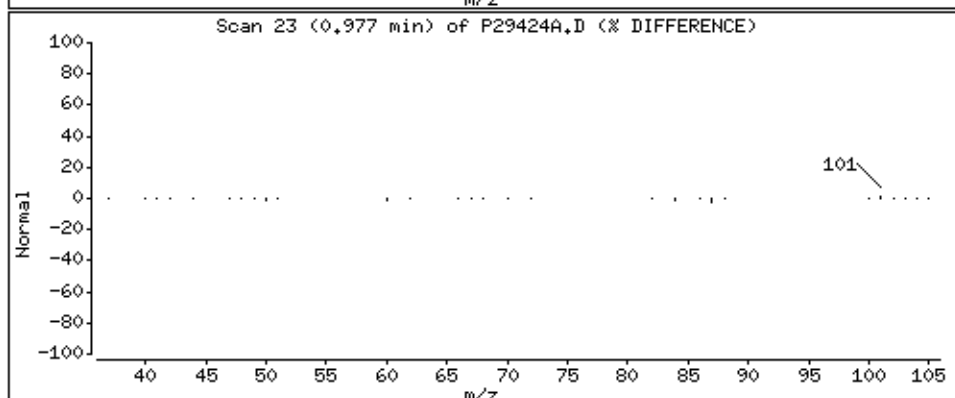
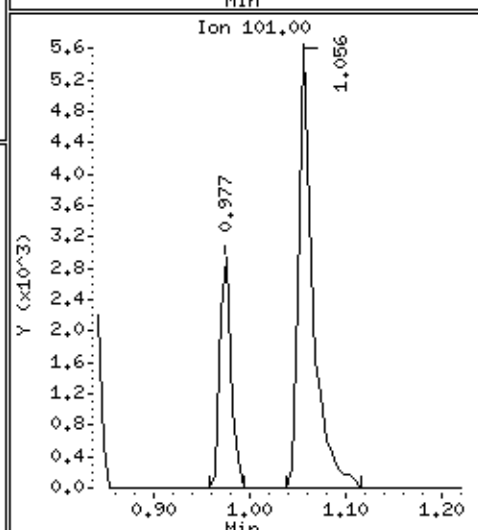
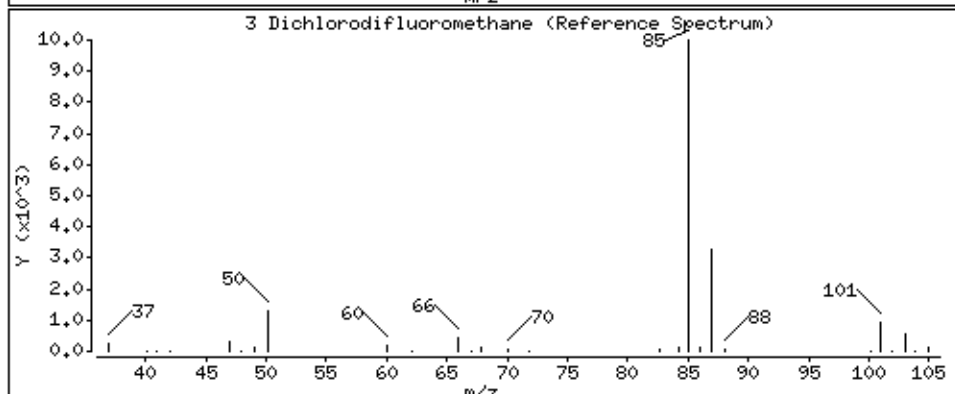
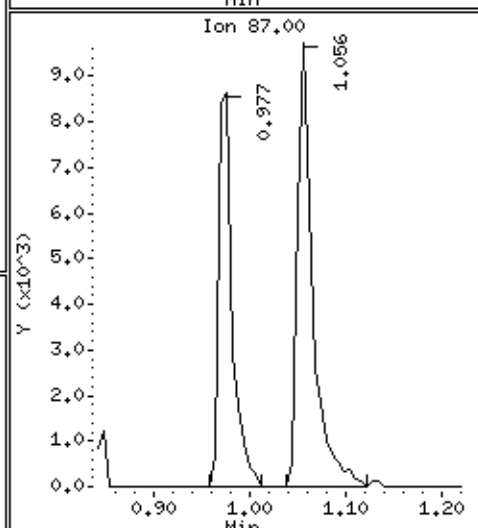
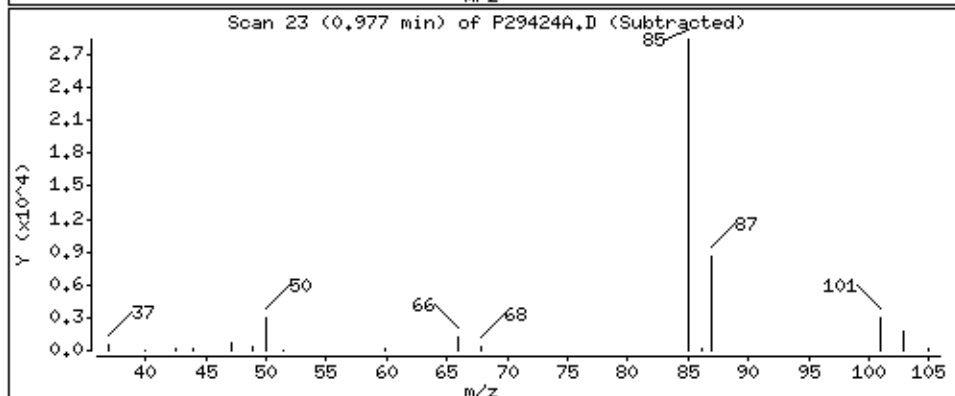
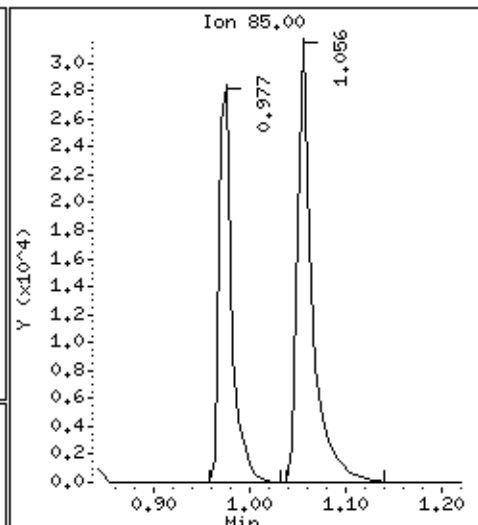
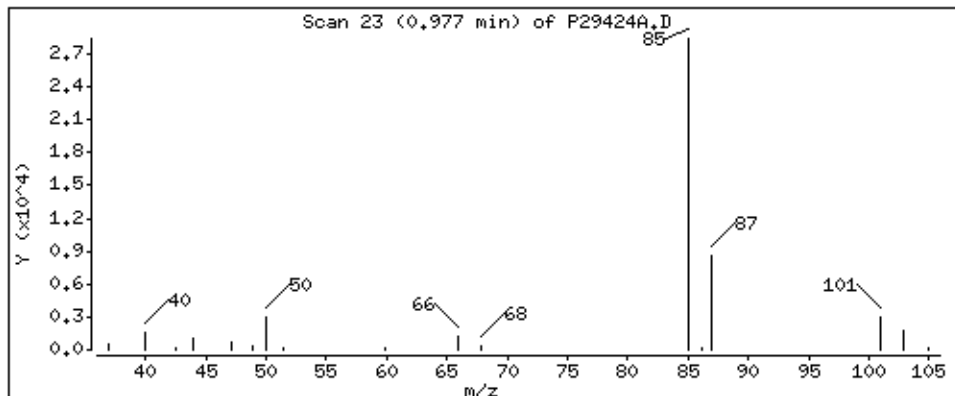
1 Chlorodifluoromethane

Concentration: 33,9 ug/L

Review Code:







Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

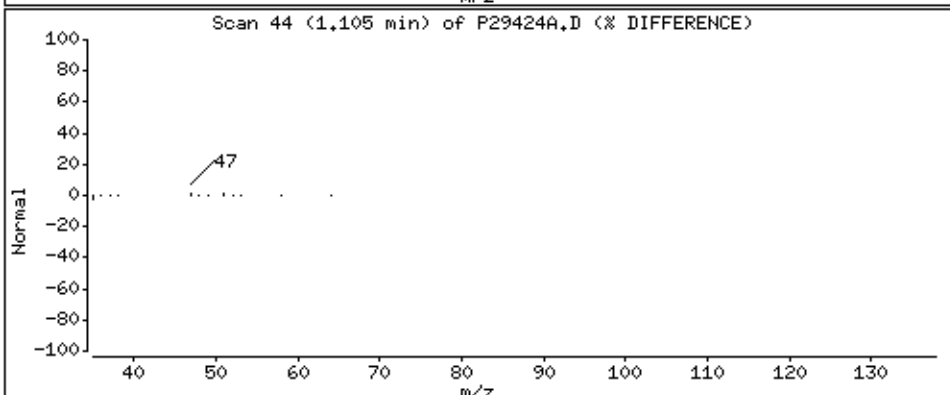
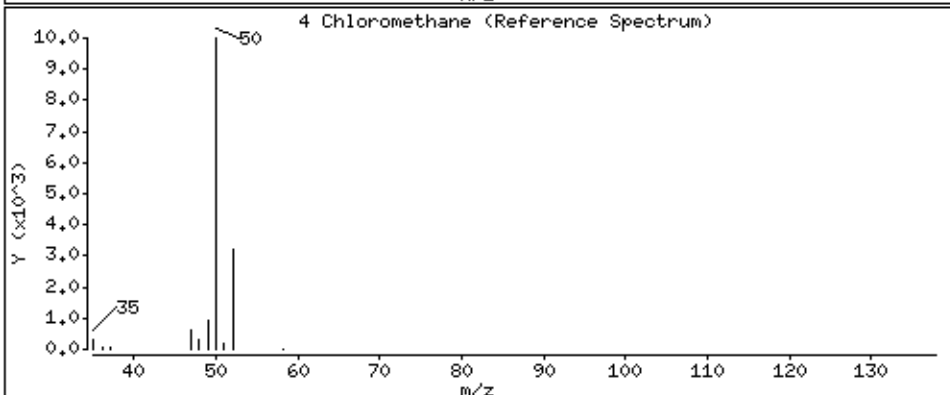
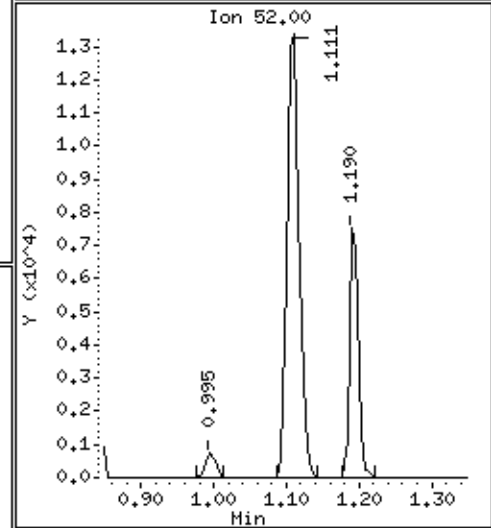
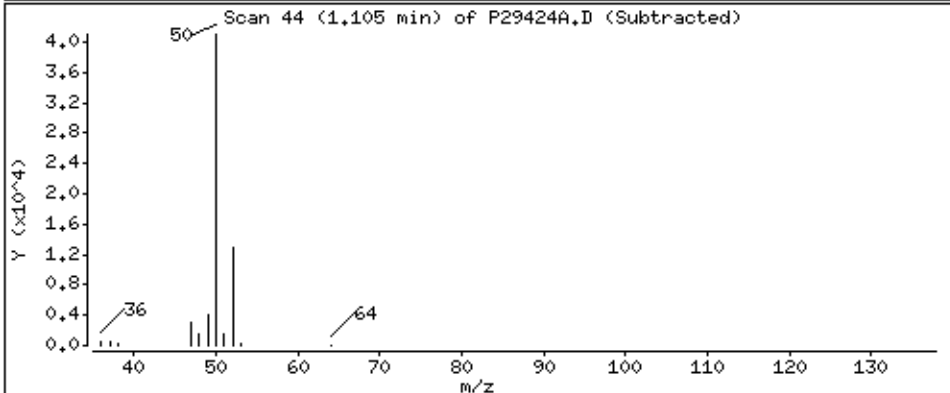
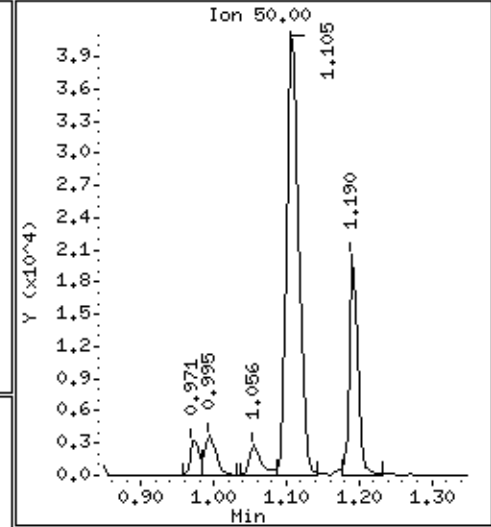
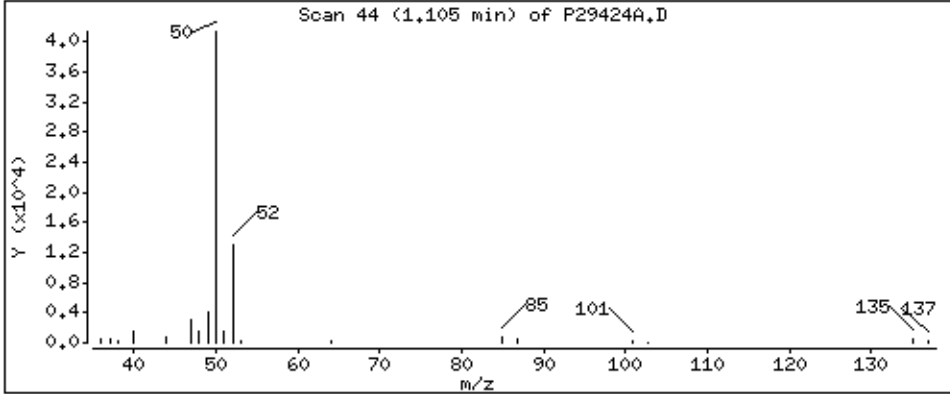
Column phase: RTX-624

Column diameter: 0,18

4 Chloromethane

Concentration: 42.8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

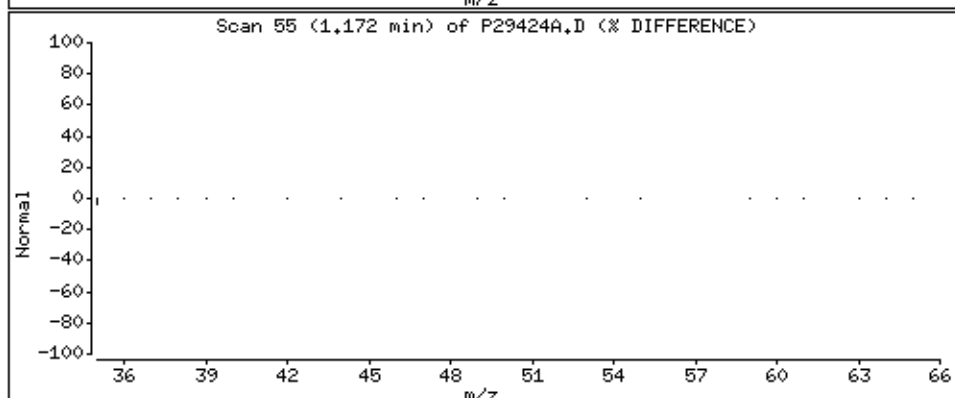
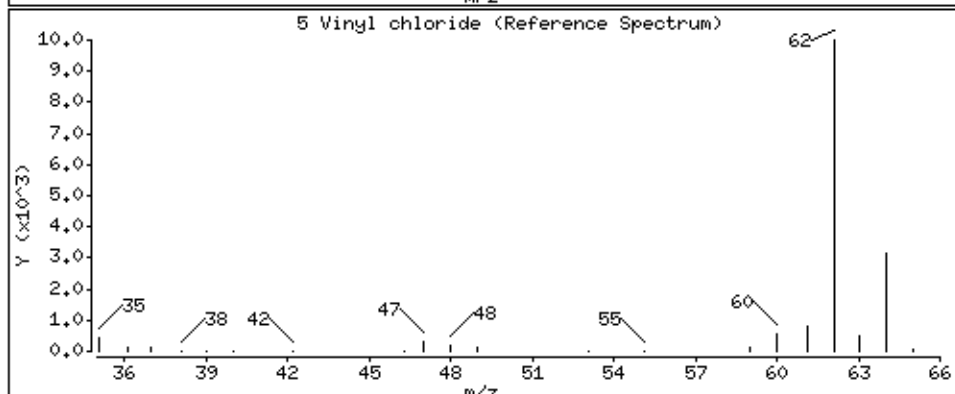
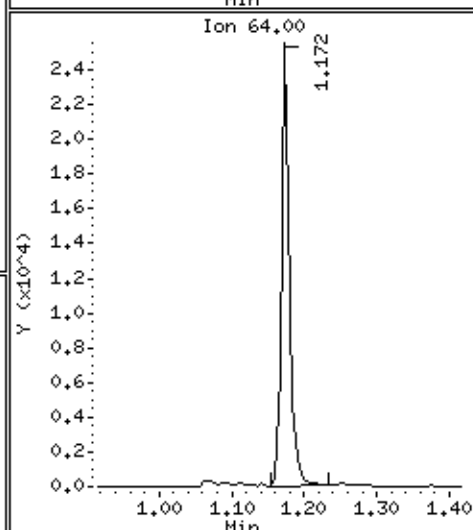
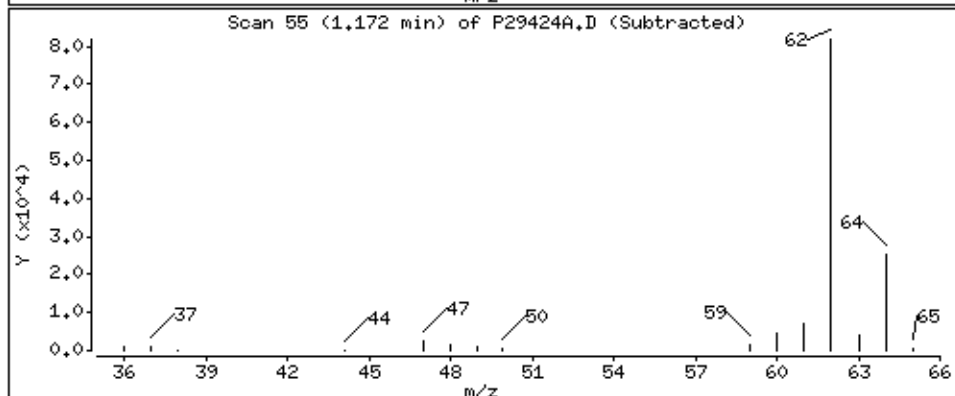
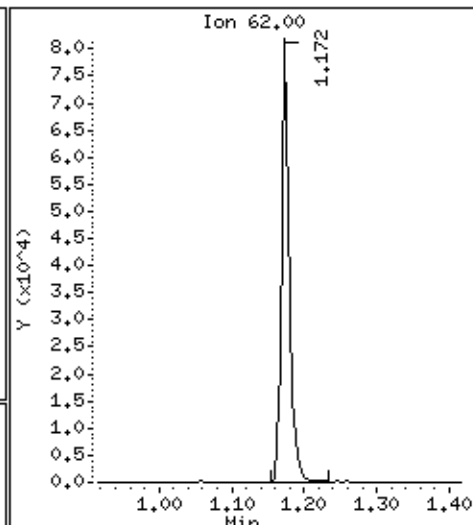
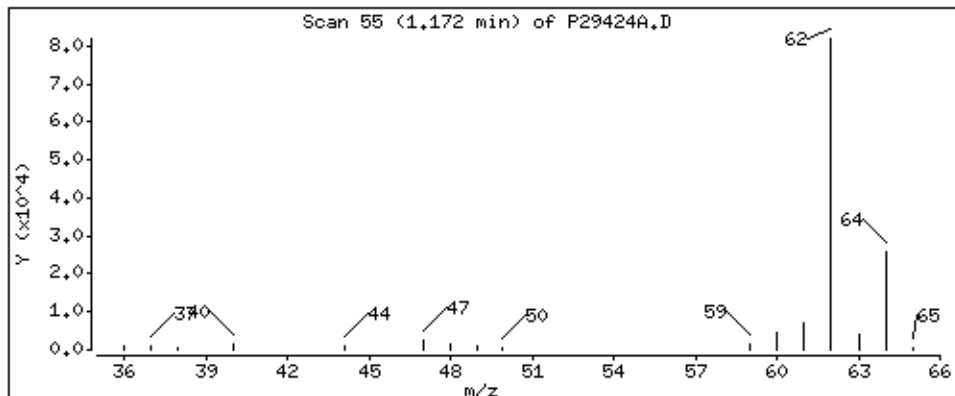
Column phase: RTX-624

Column diameter: 0,18

5 Vinyl chloride

Concentration: 48,8 ug/L

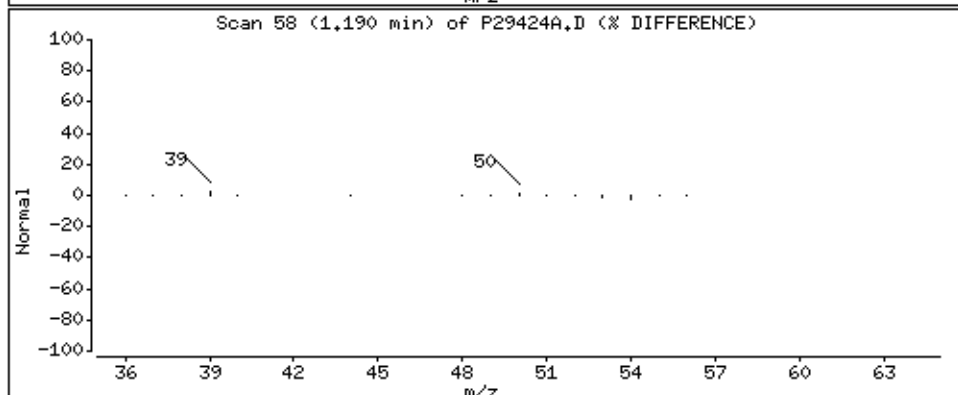
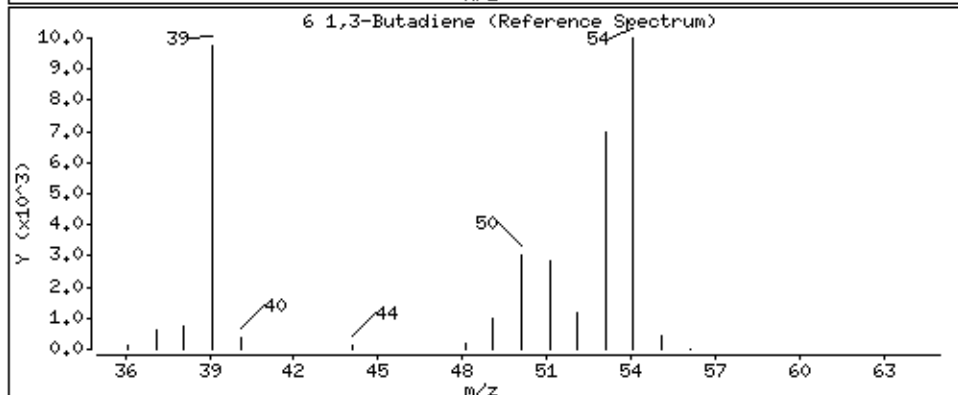
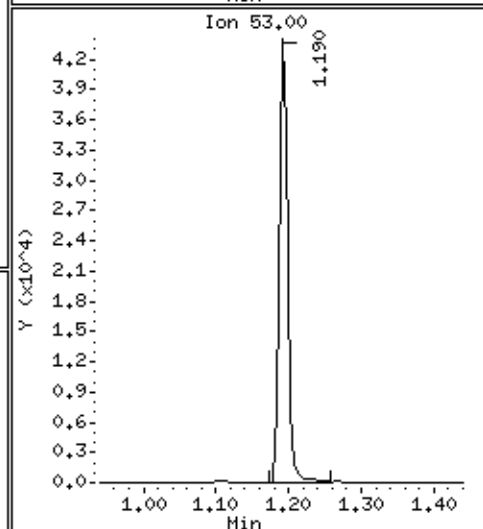
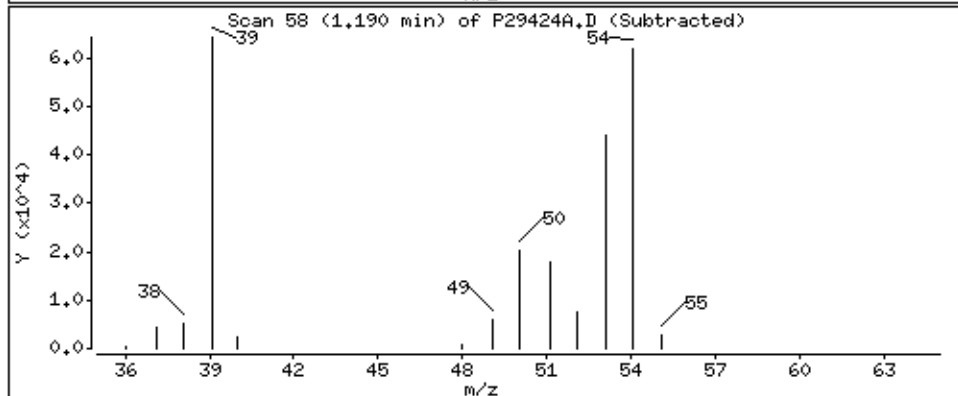
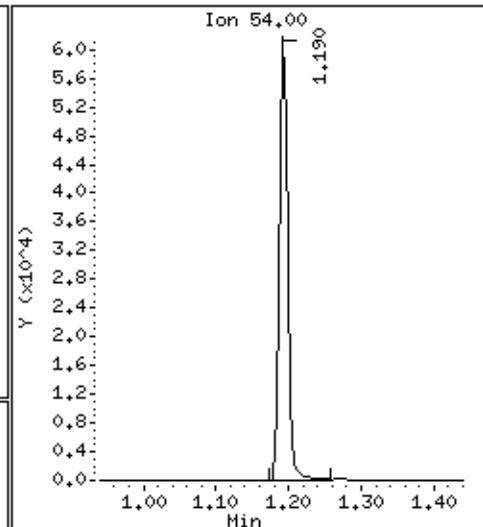
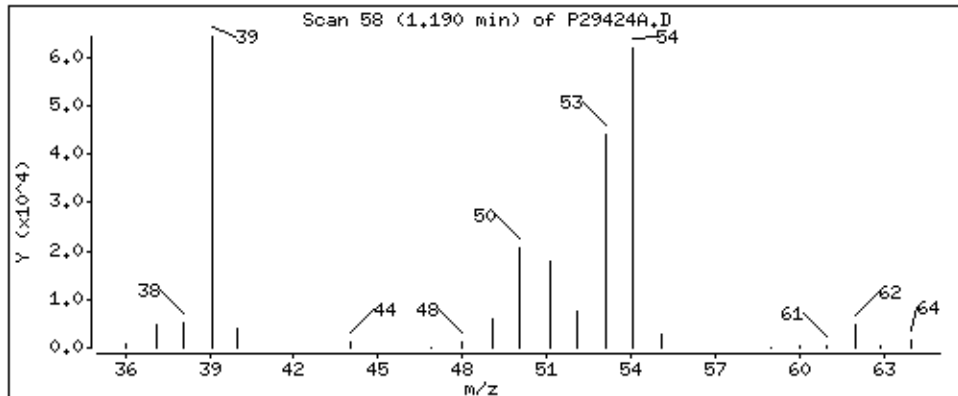
Review Code:

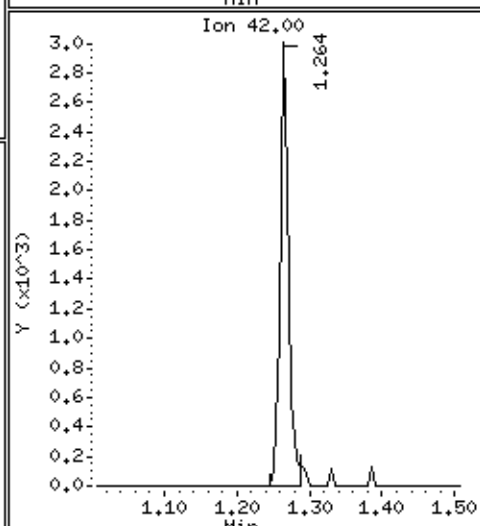
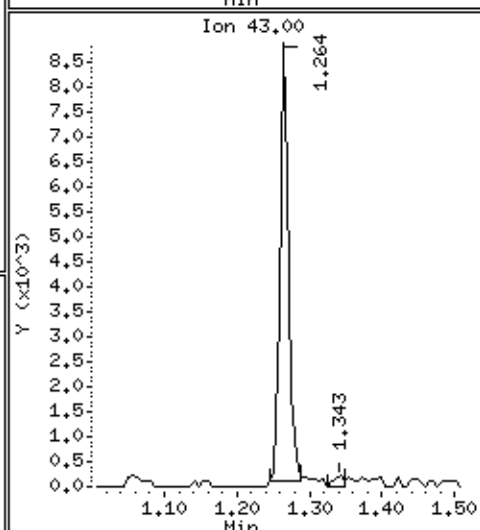
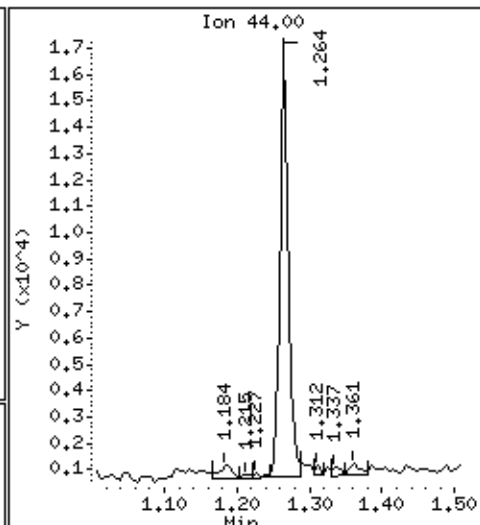
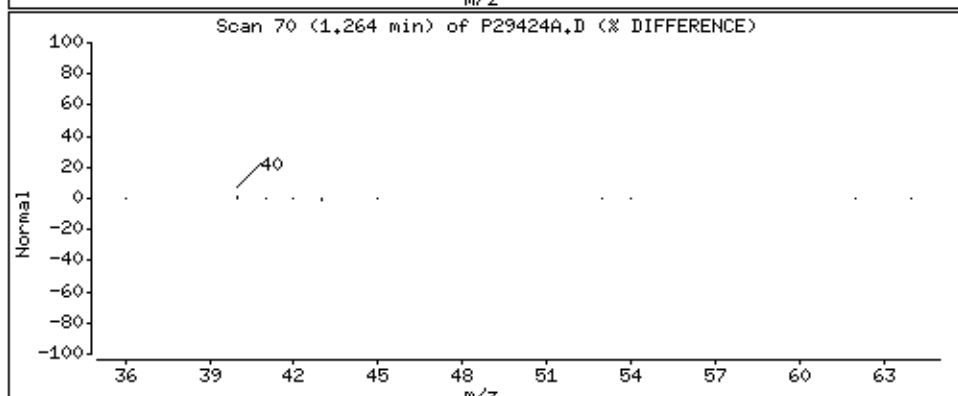
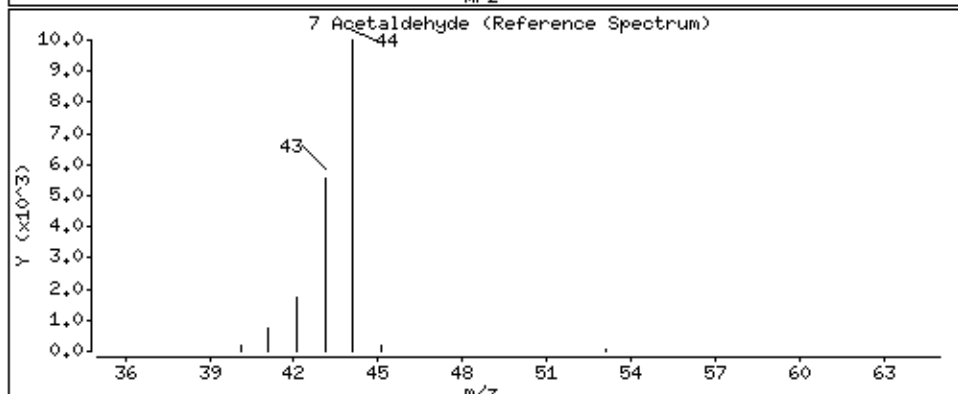
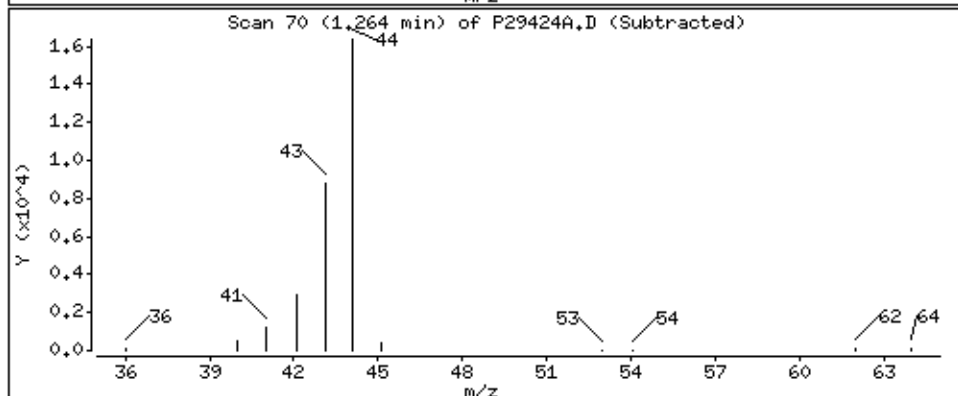
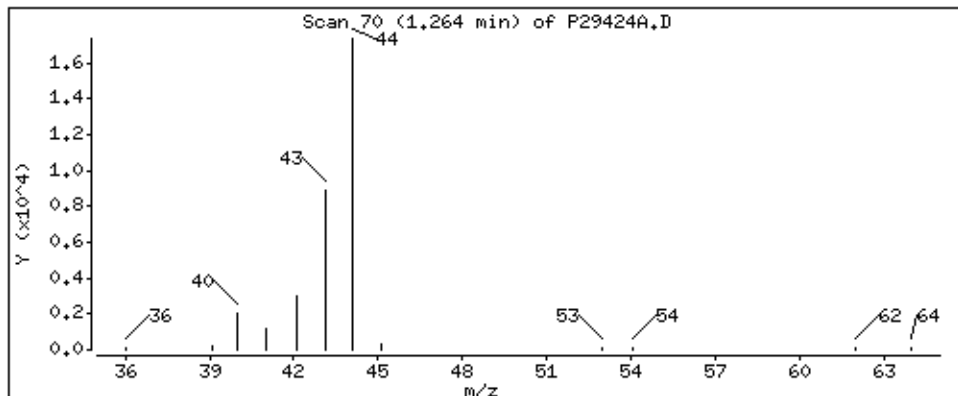


6 1,3-Butadiene

Concentration: 37,3 ug/L

Review Code:





Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

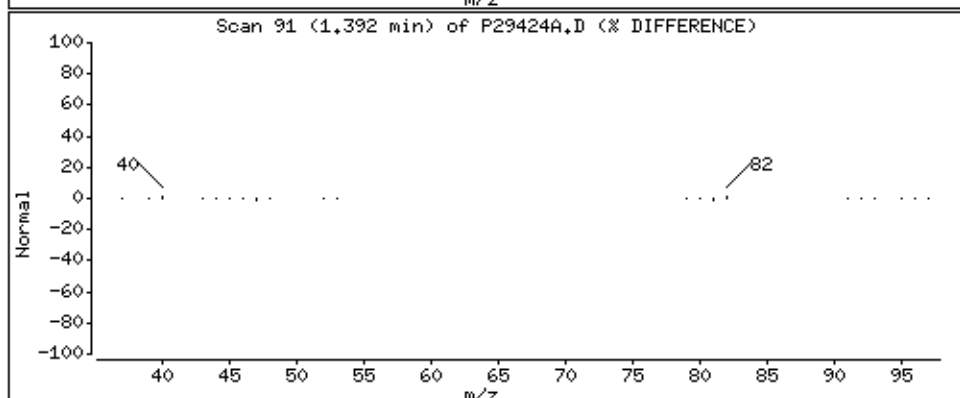
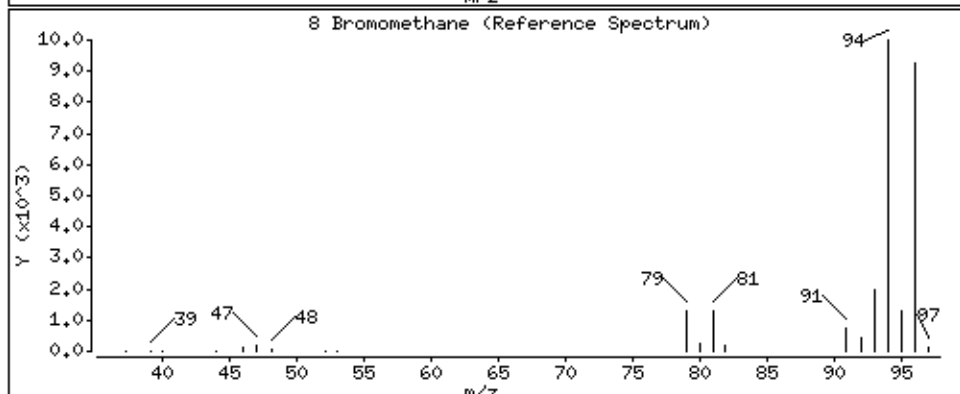
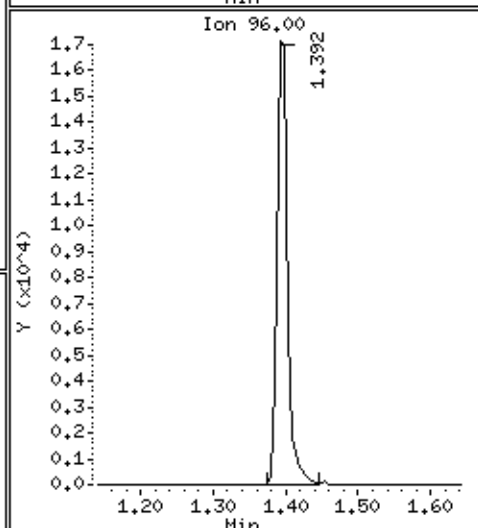
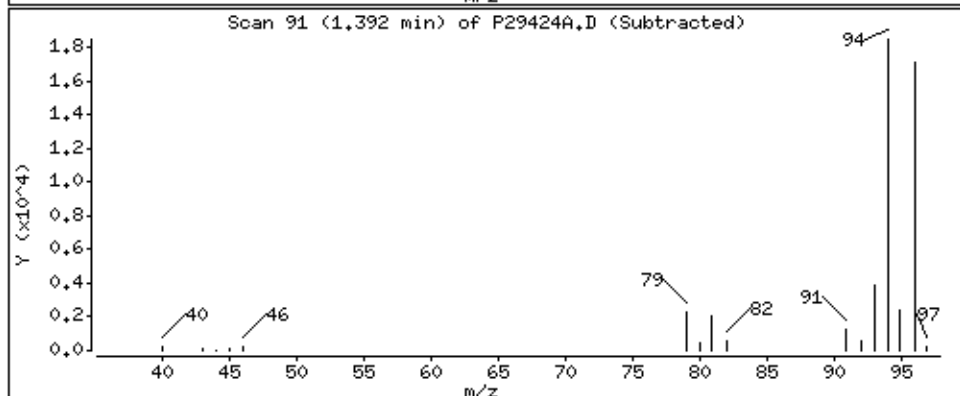
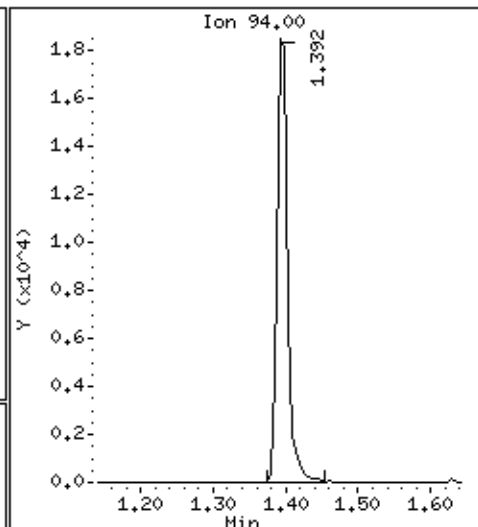
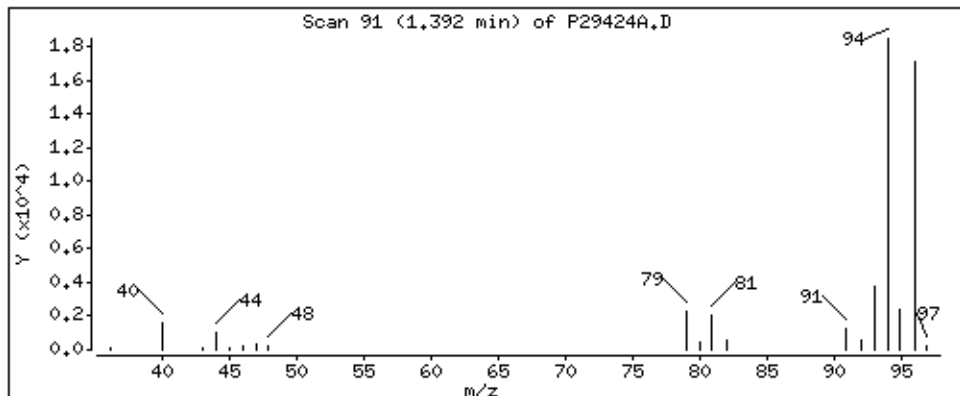
Column phase: RTX-624

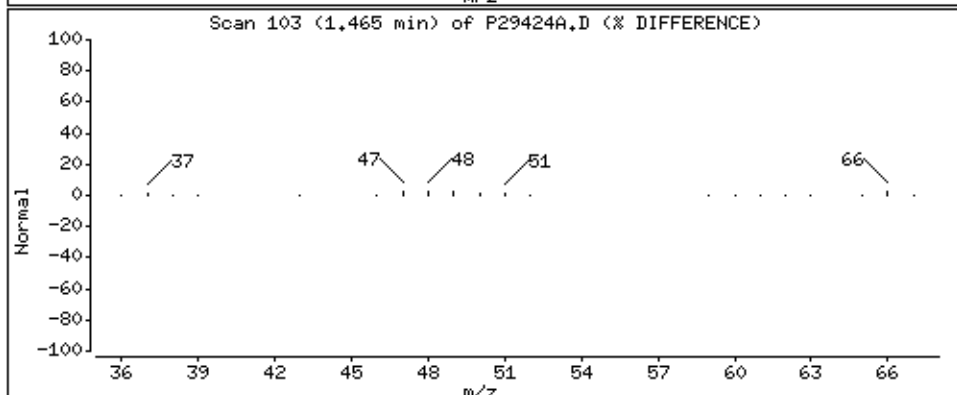
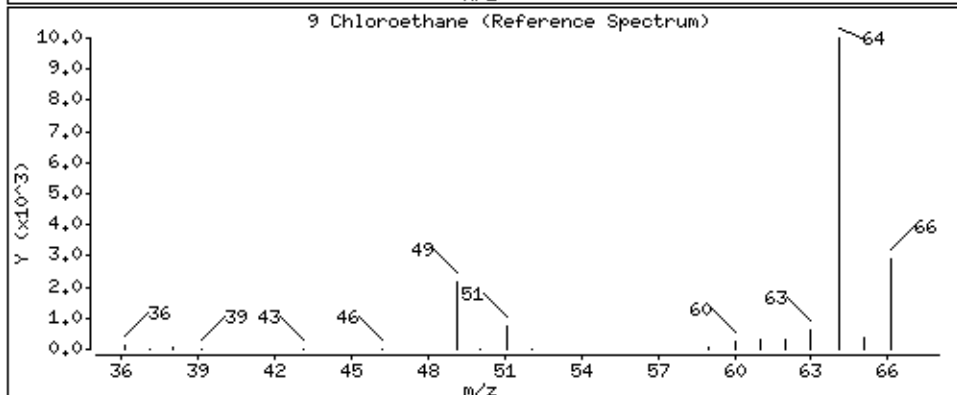
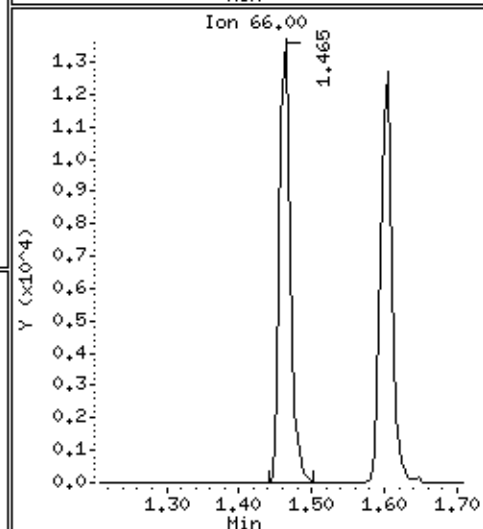
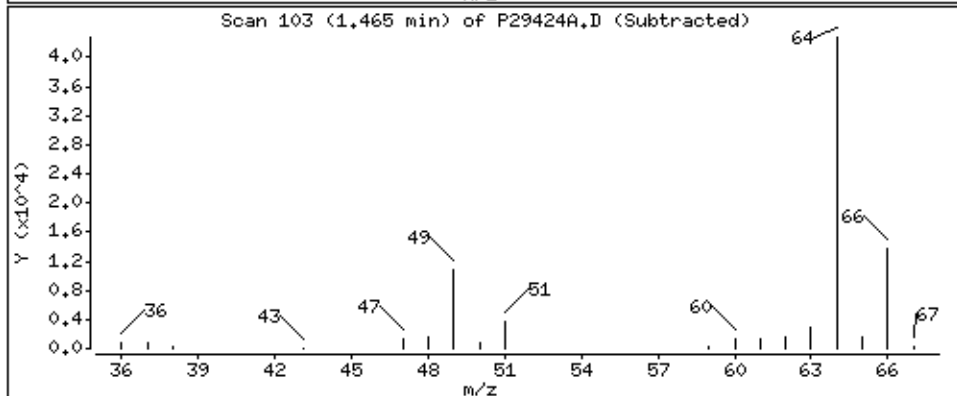
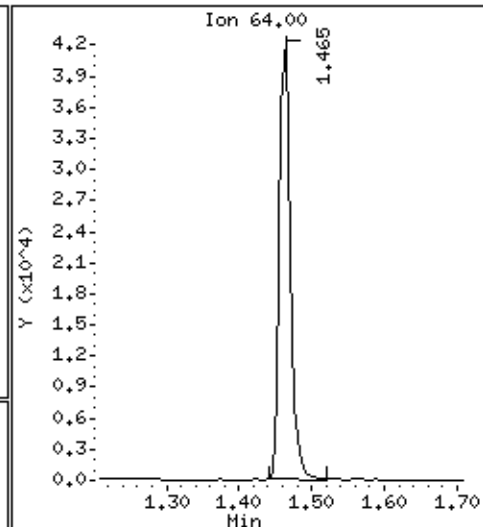
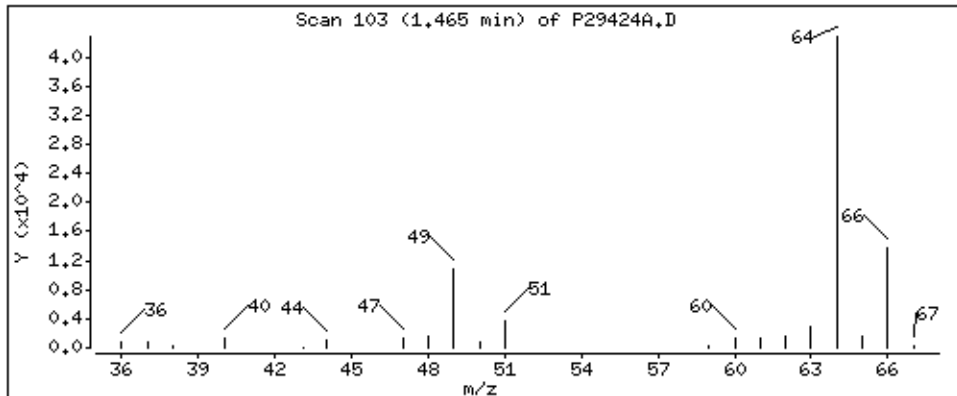
Column diameter: 0.18

8 Bromomethane

Concentration: 75.7 ug/L

Review Code:





Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

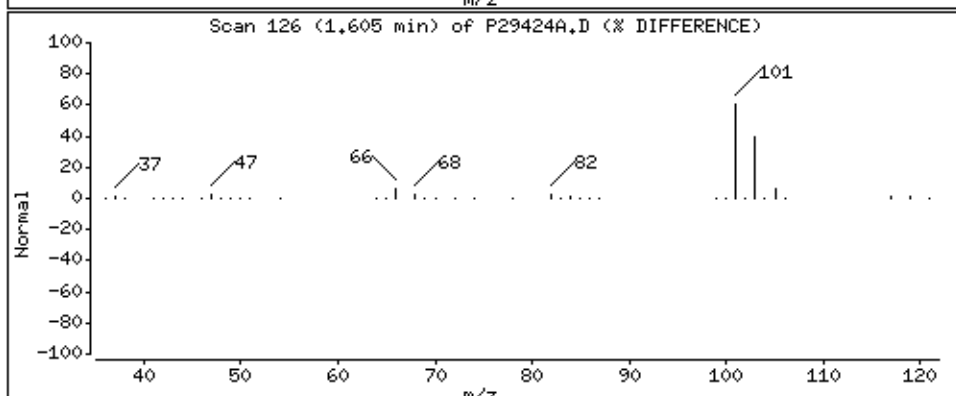
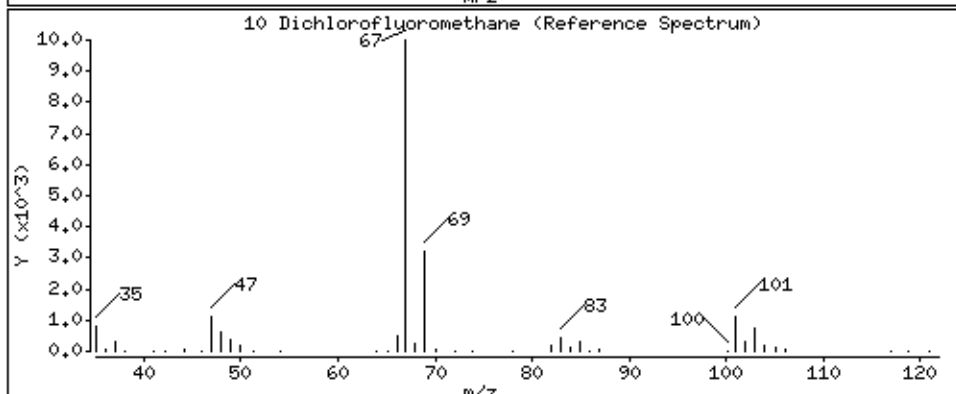
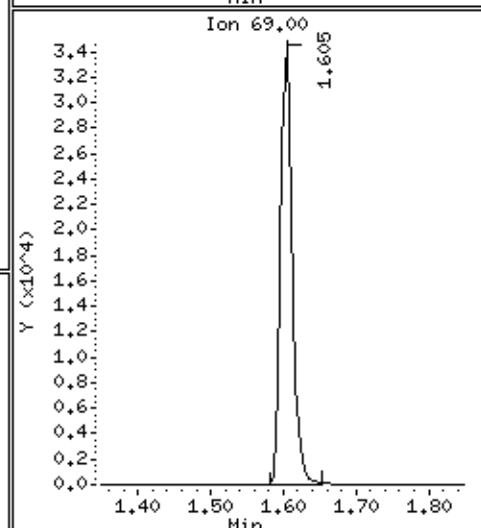
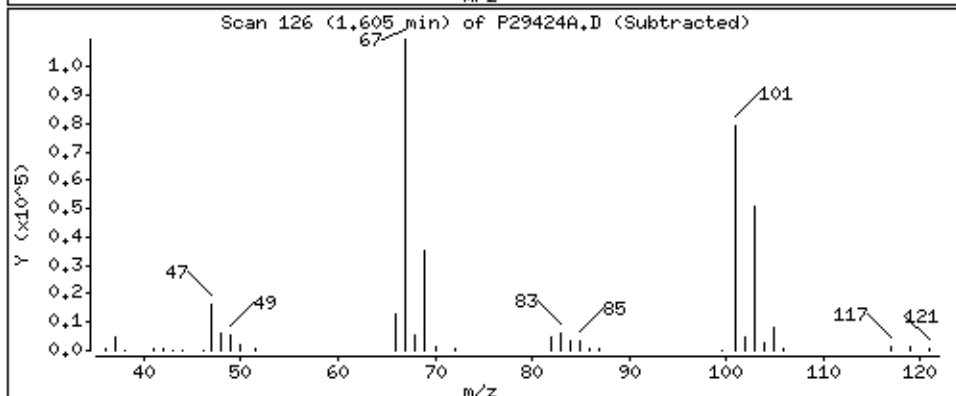
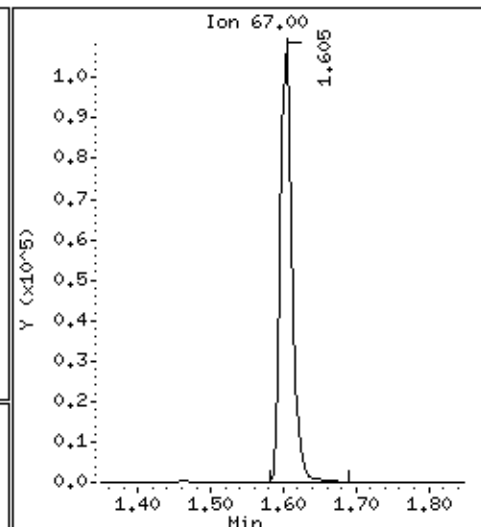
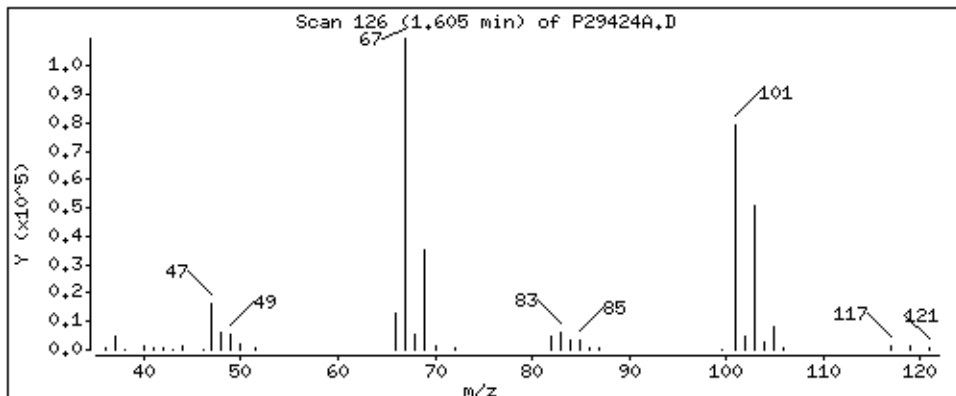
Column phase: RTX-624

Column diameter: 0,18

10 Dichlorofluoromethane

Concentration: 44,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

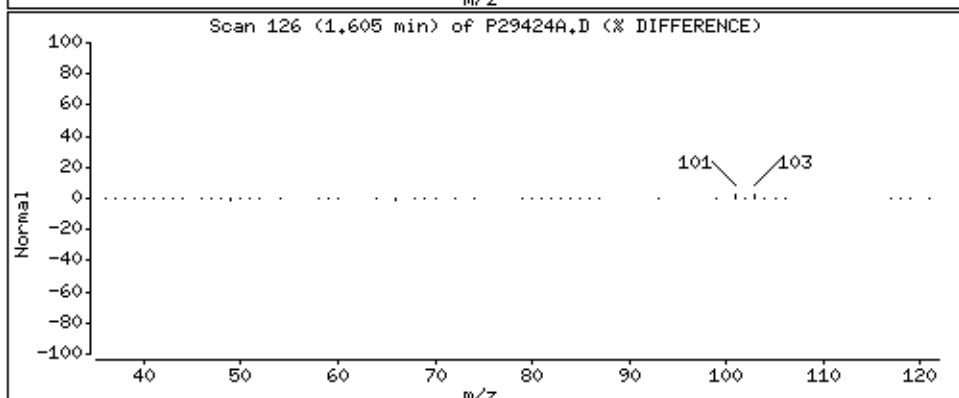
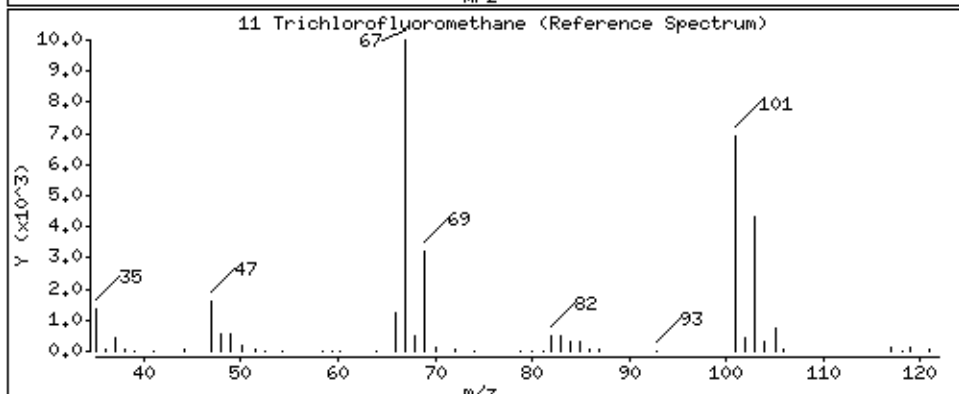
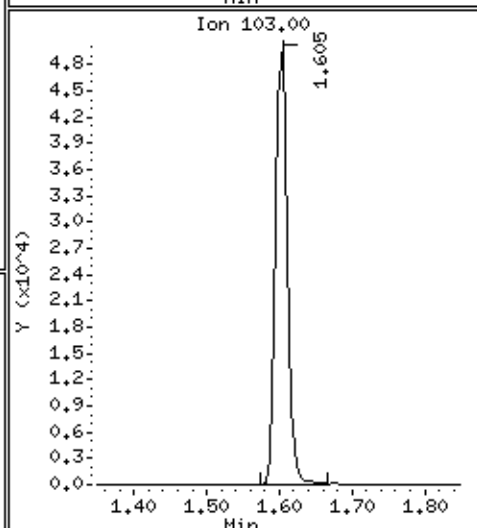
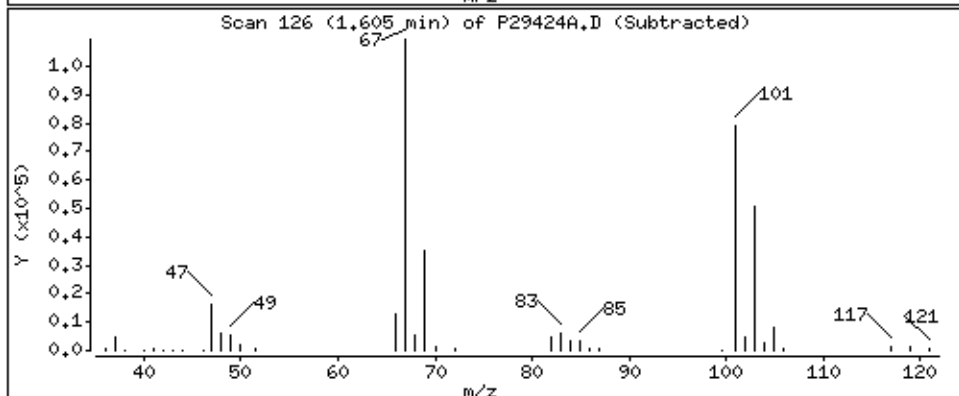
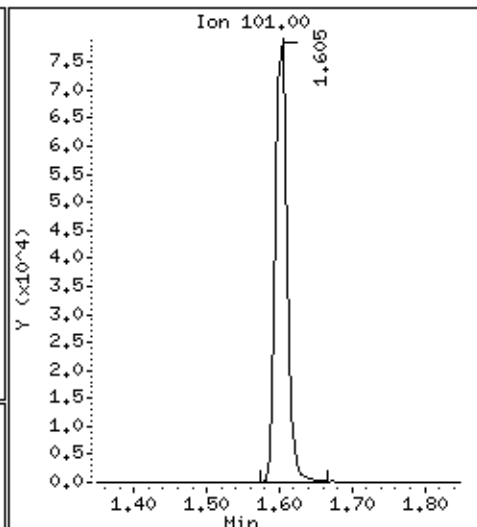
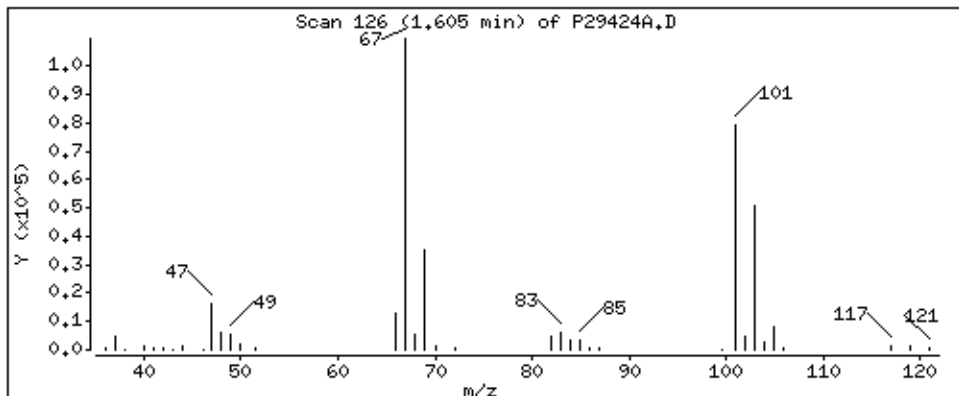
Column phase: RTX-624

Column diameter: 0,18

11 Trichlorofluoromethane

Concentration: 35,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

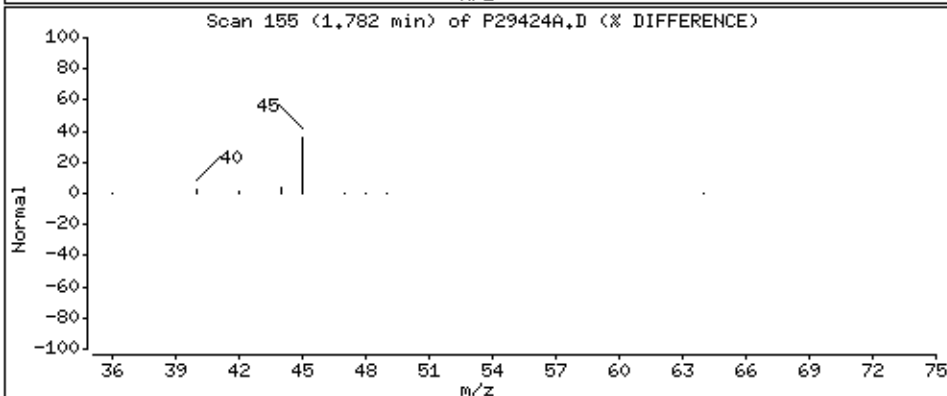
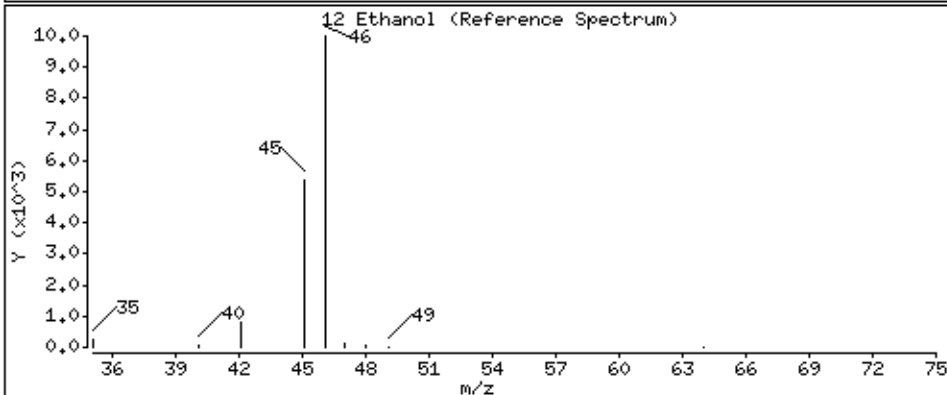
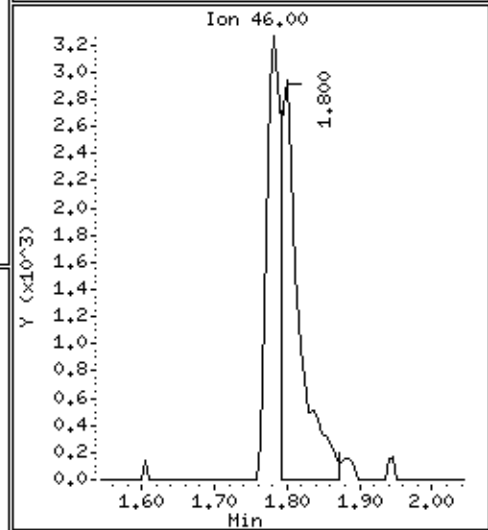
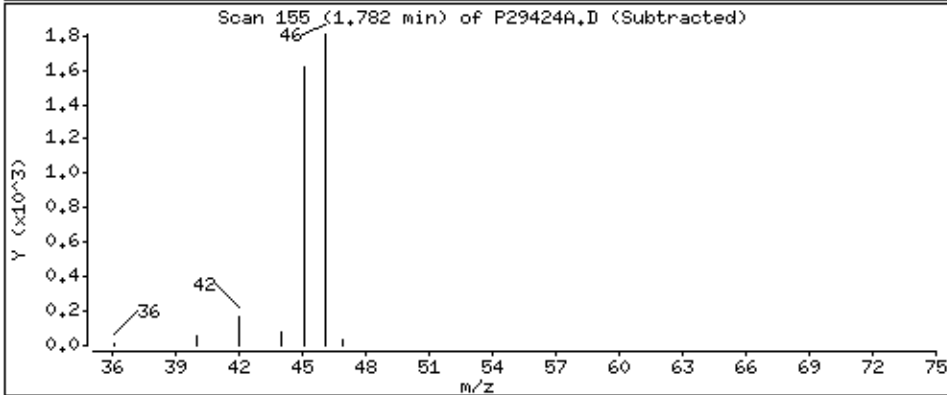
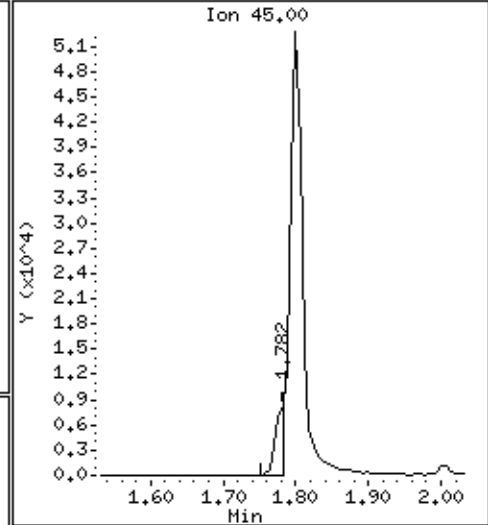
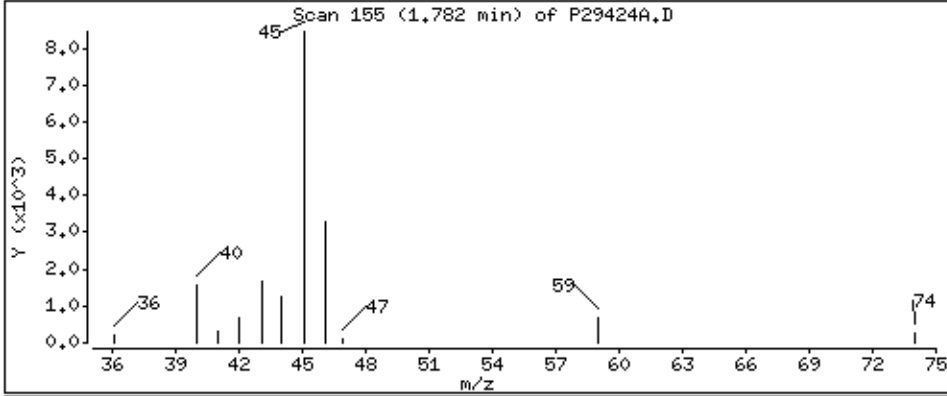
Column phase: RTX-624

Column diameter: 0,18

12 Ethanol

Concentration: 834 ug/L

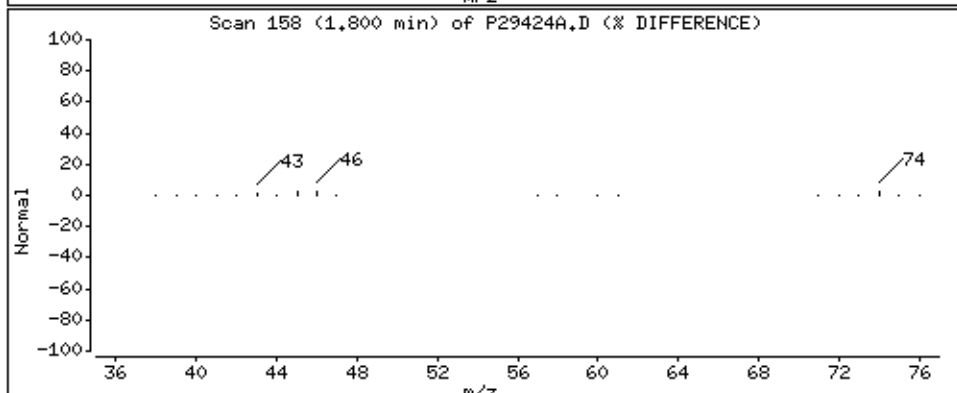
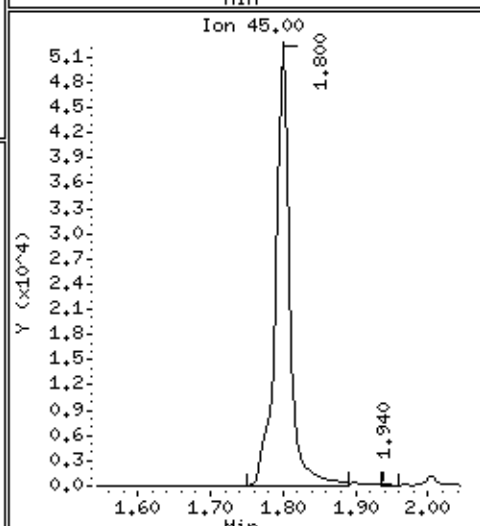
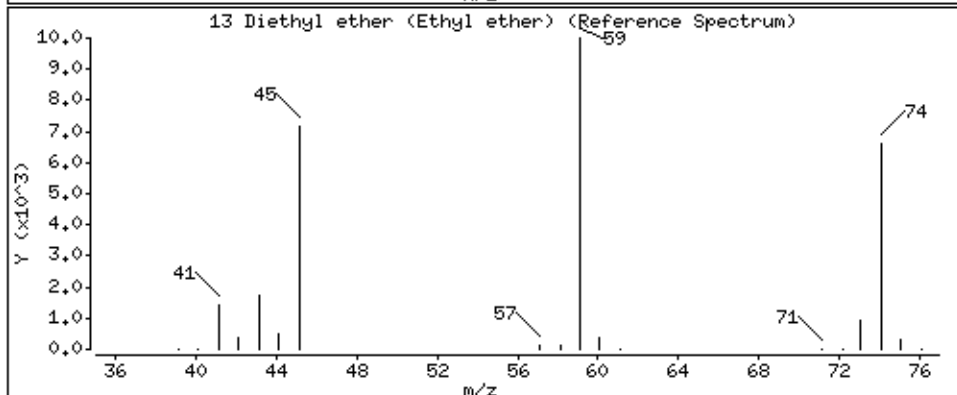
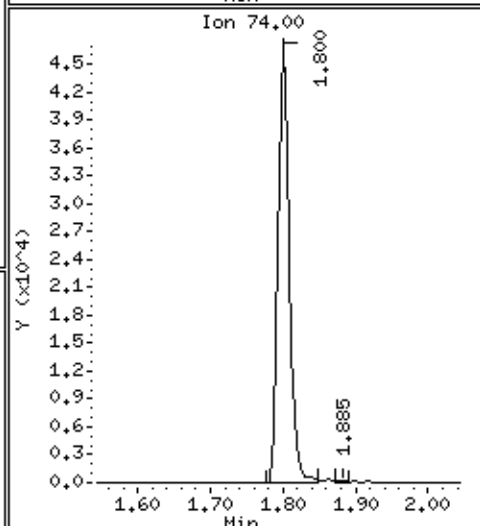
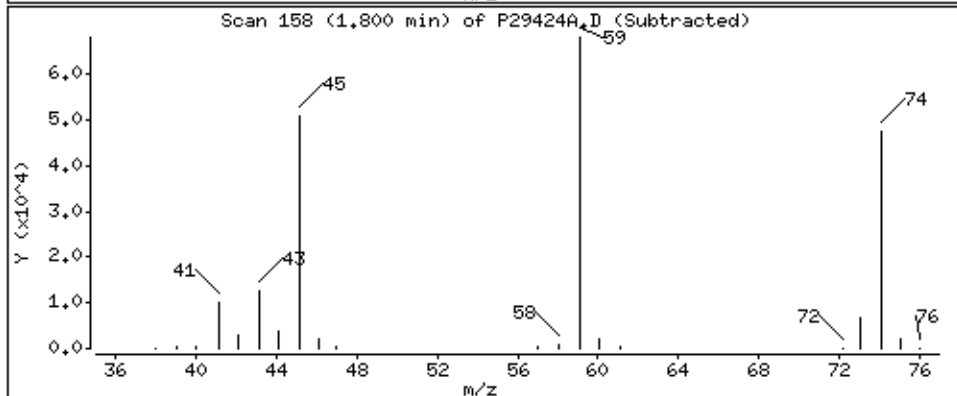
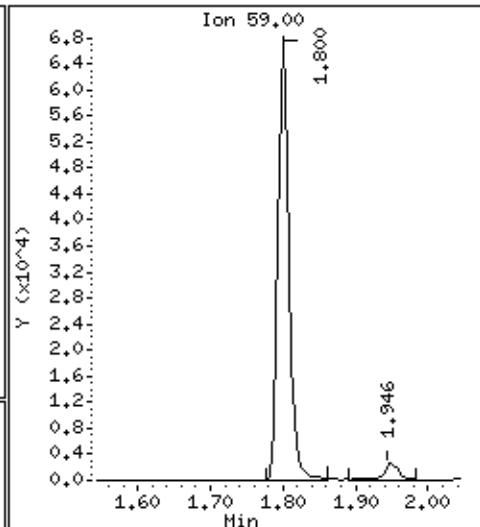
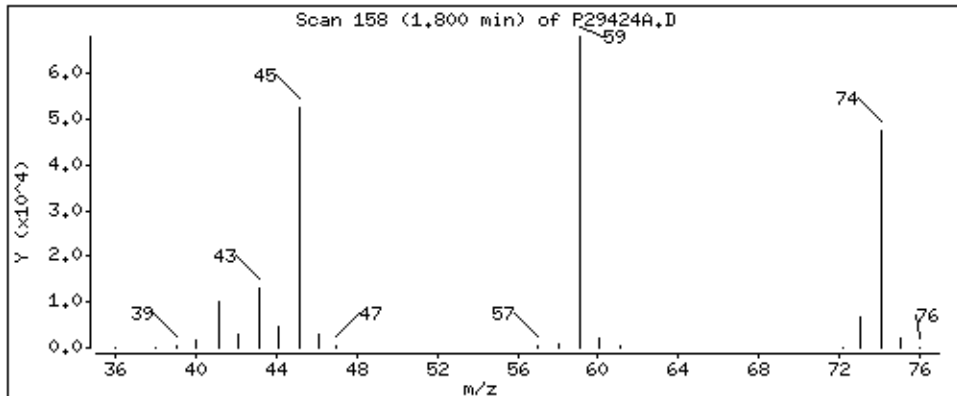
Review Code: WP



13 Diethyl ether (Ethyl ether)

Concentration: 50,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

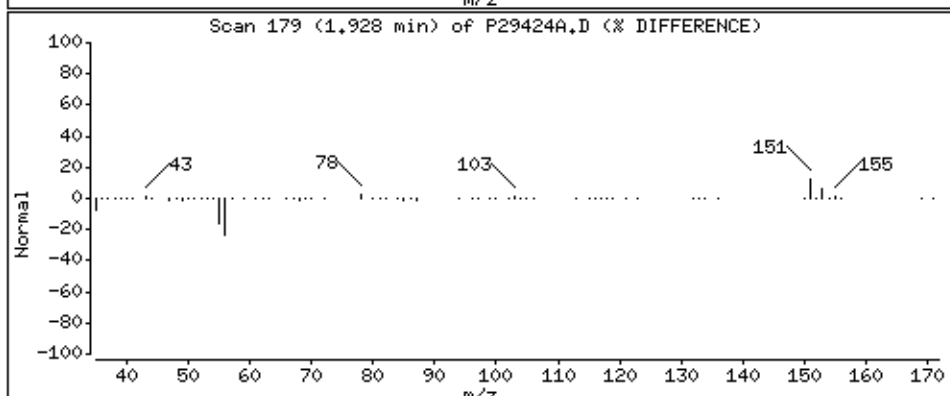
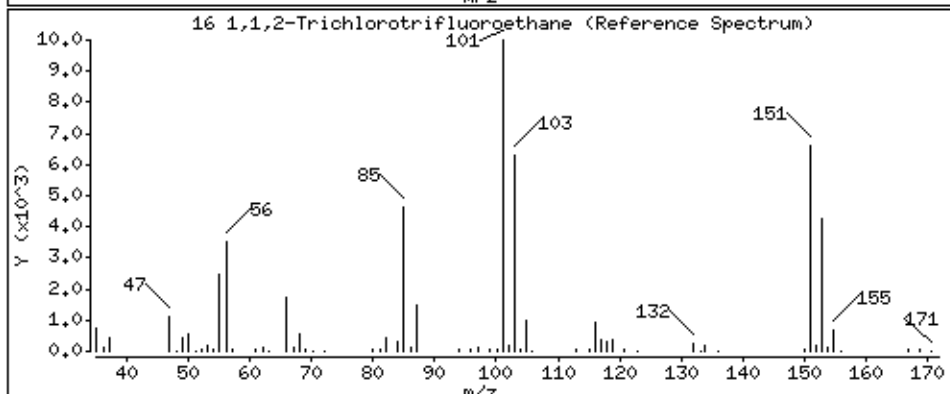
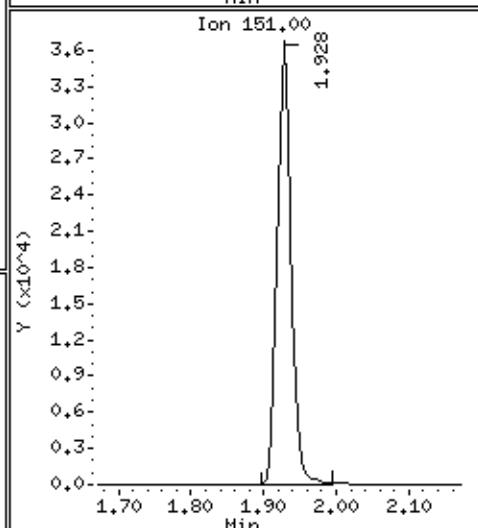
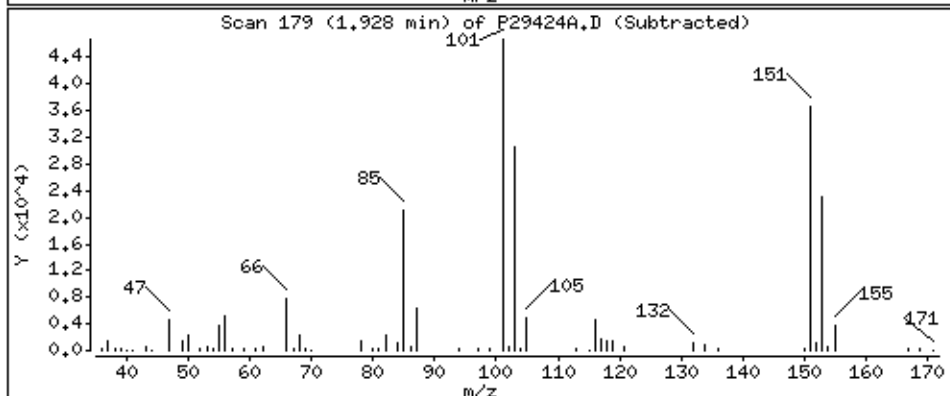
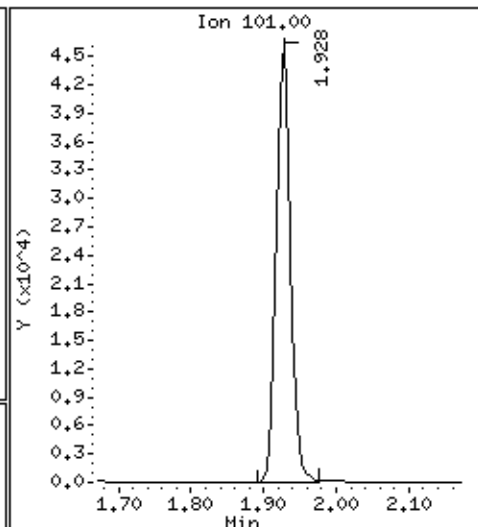
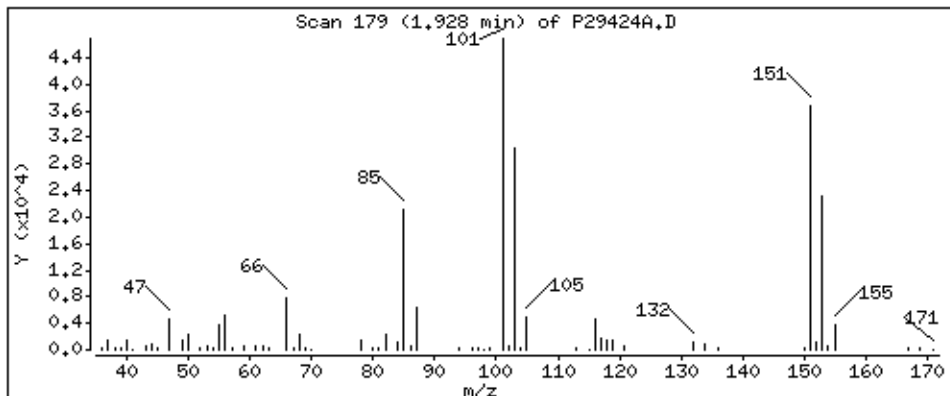
Column phase: RTX-624

Column diameter: 0,18

16 1,1,2-Trichlorotrifluoroethane

Concentration: 40,9 ug/L

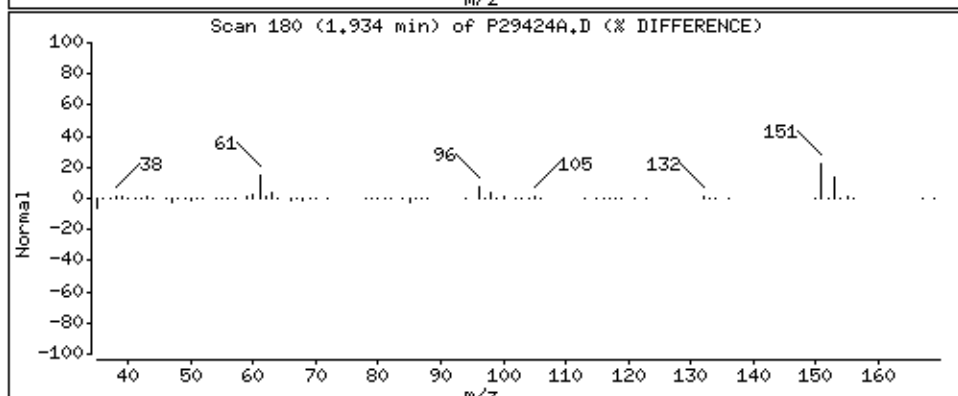
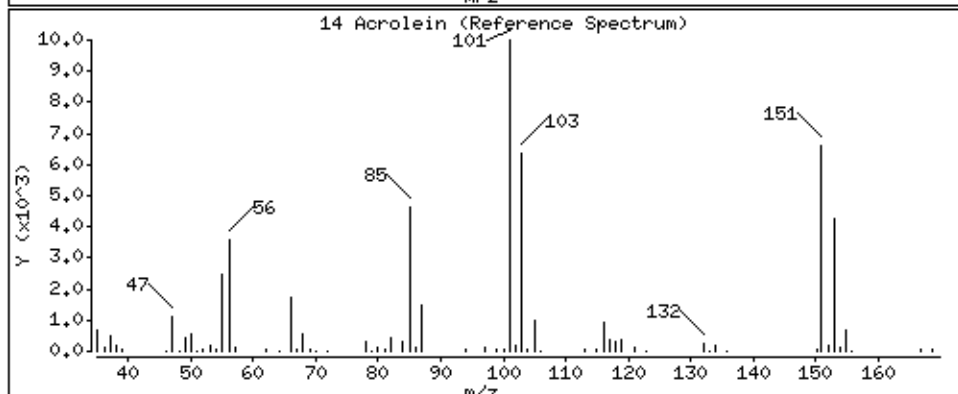
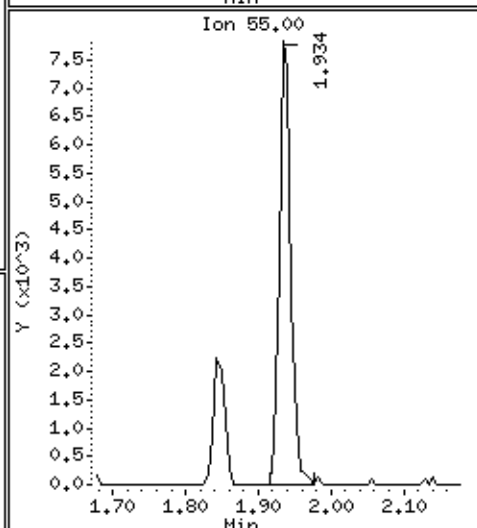
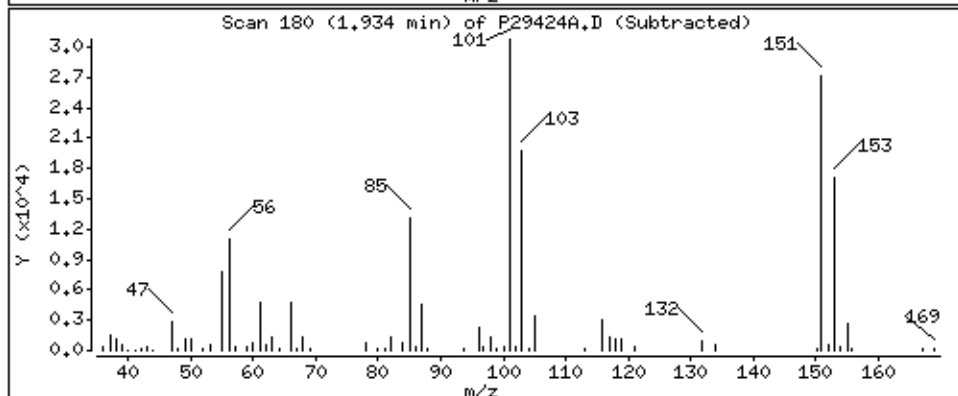
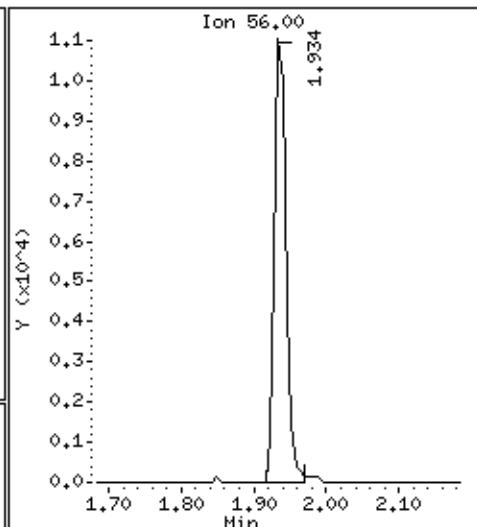
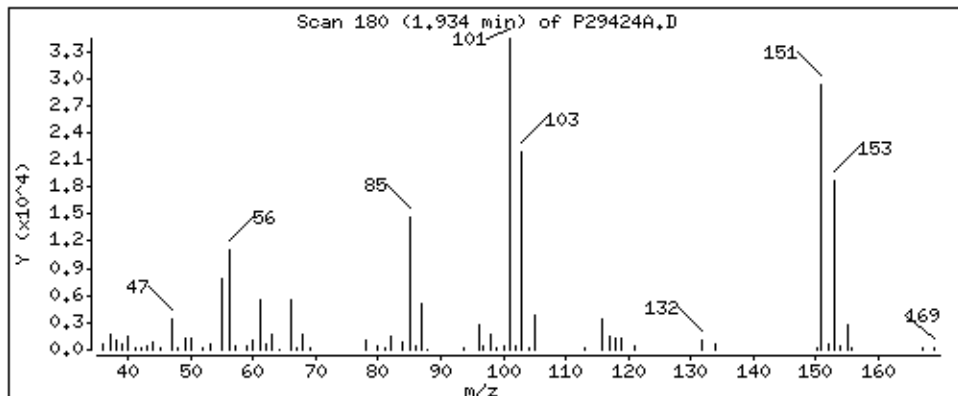
Review Code:



14 Acrolein

Concentration: 51.1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

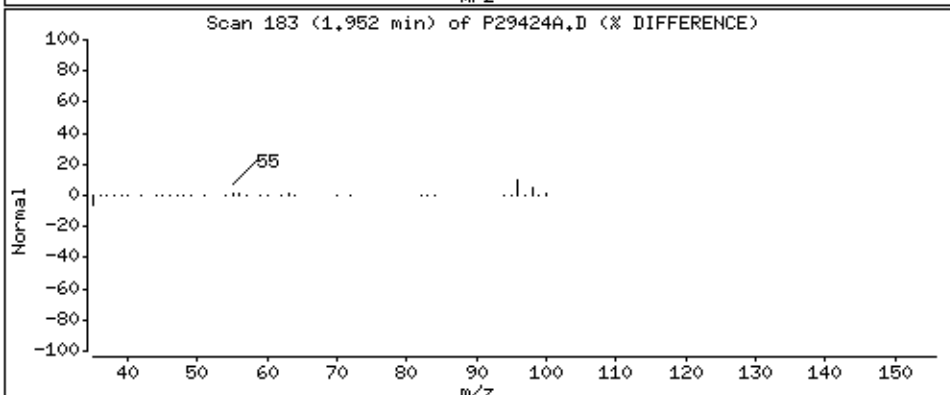
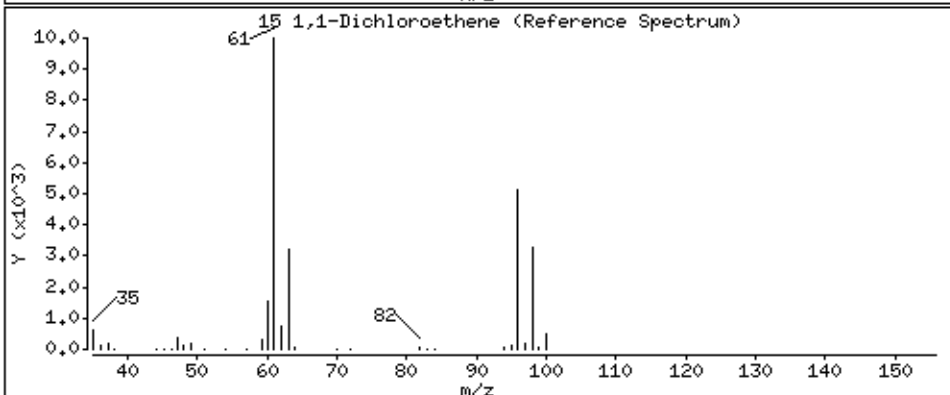
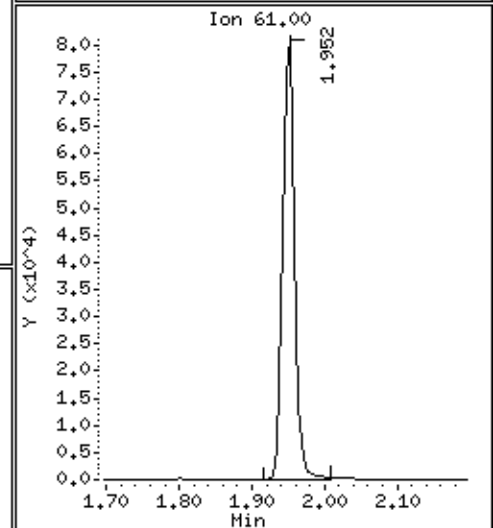
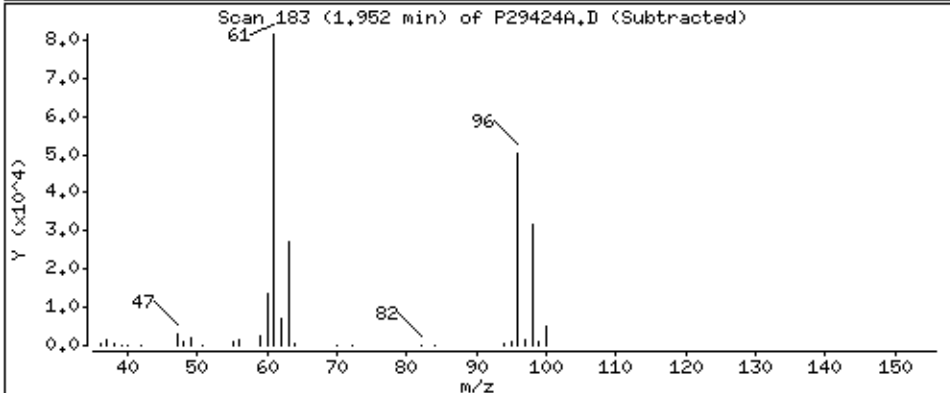
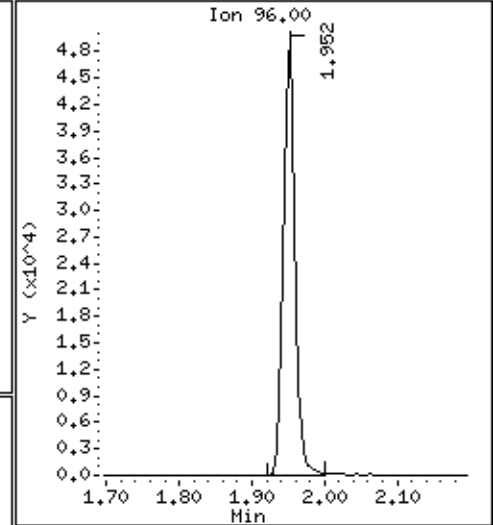
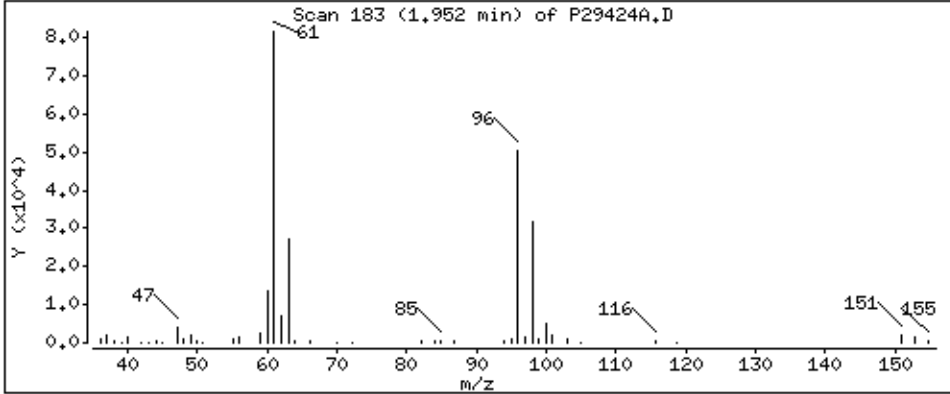
Column phase: RTX-624

Column diameter: 0,18

15 1,1-Dichloroethene

Concentration: 37,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

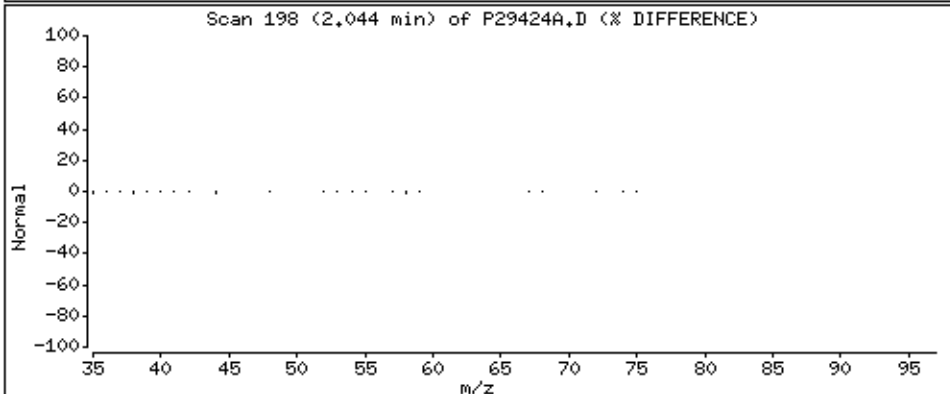
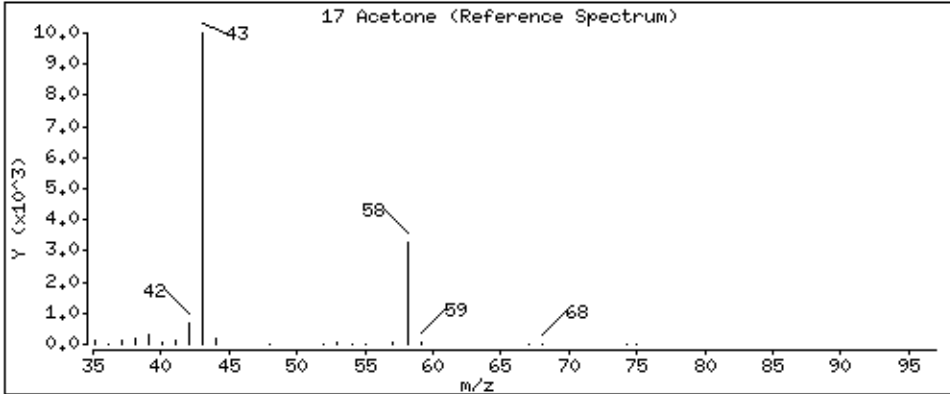
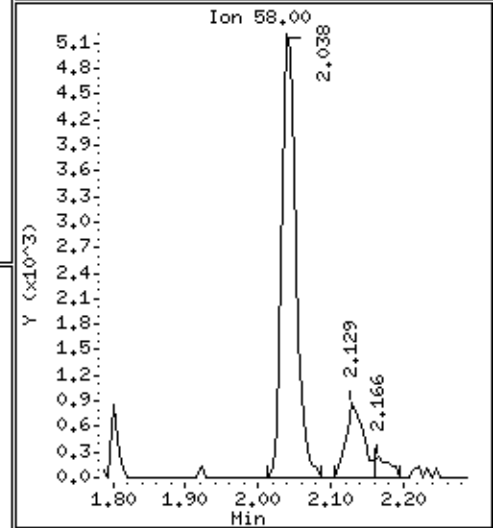
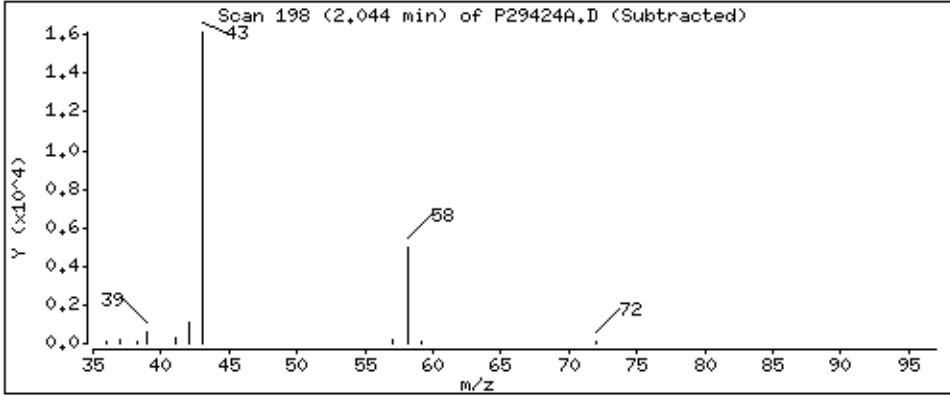
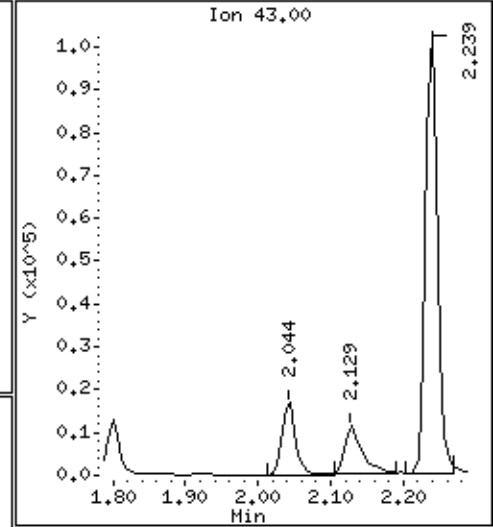
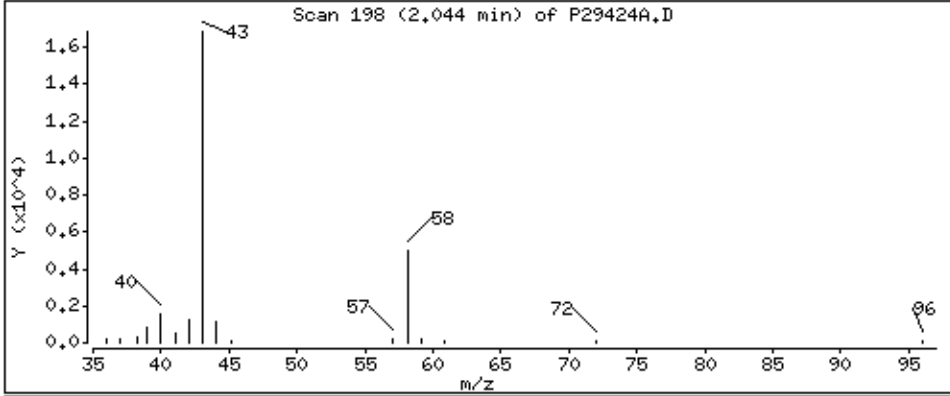
Column phase: RTX-624

Column diameter: 0.18

17 Acetone

Concentration: 61.7 ug/L

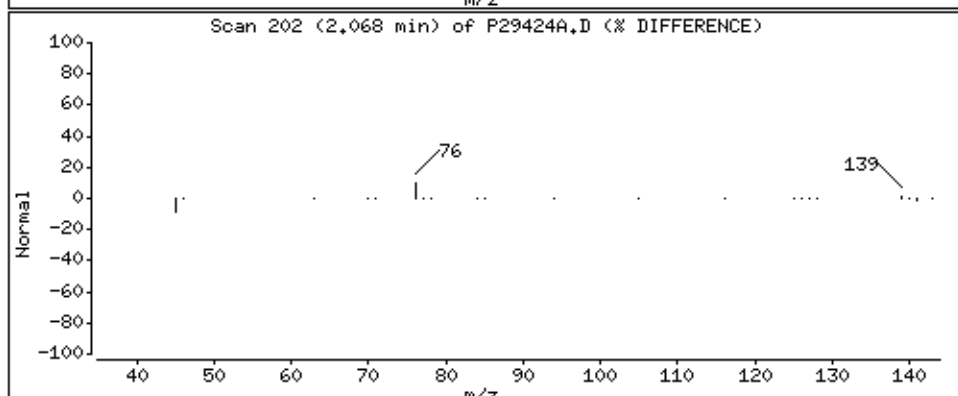
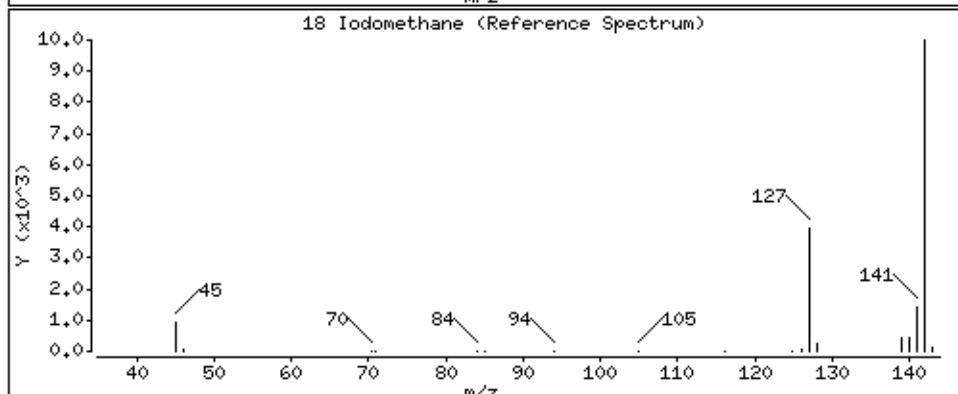
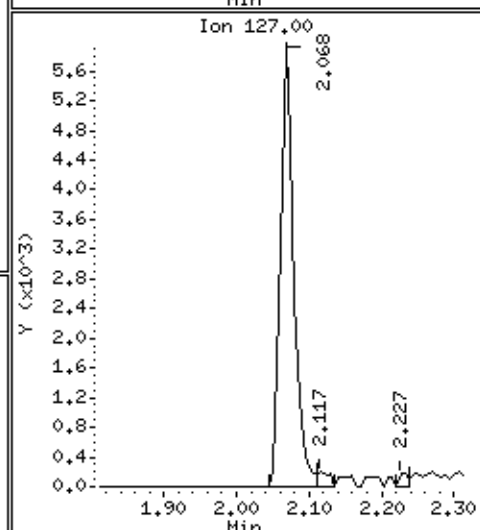
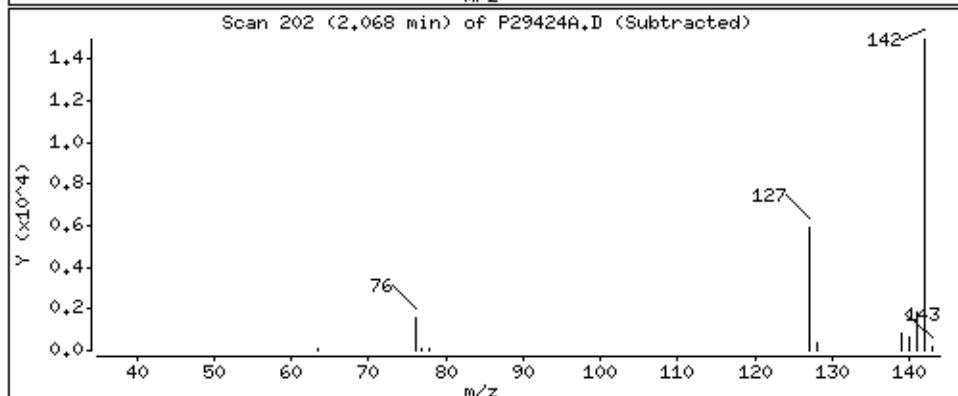
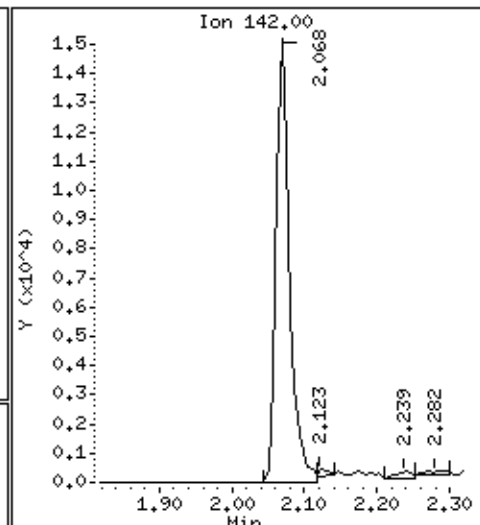
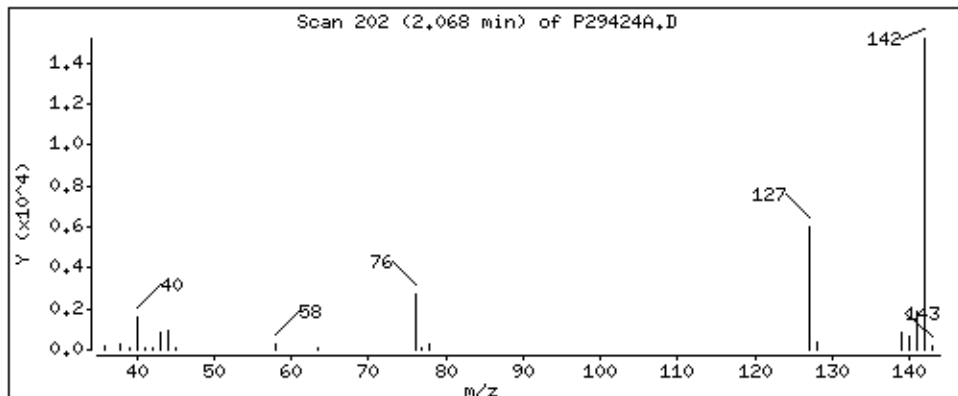
Review Code:



18 Iodomethane

Concentration: 41.6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

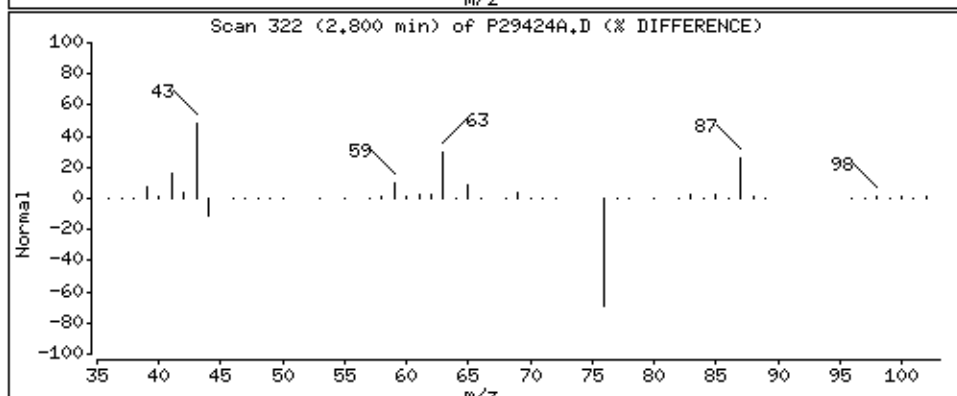
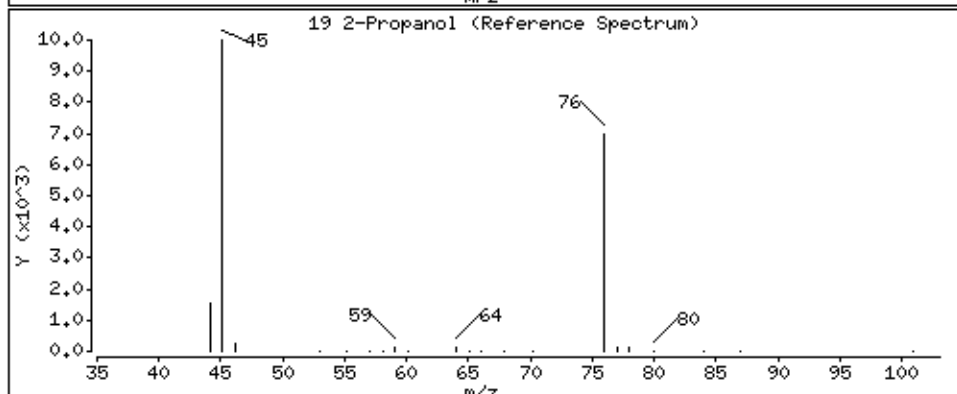
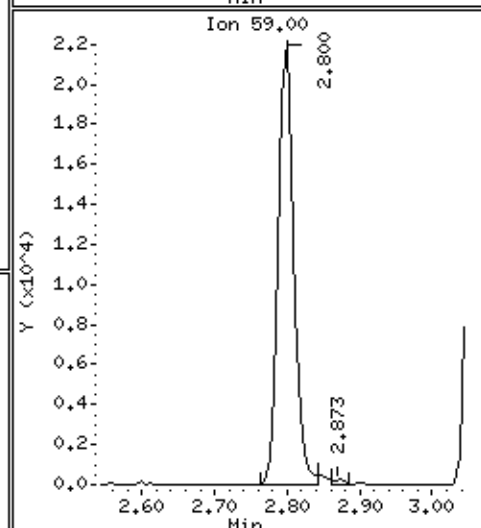
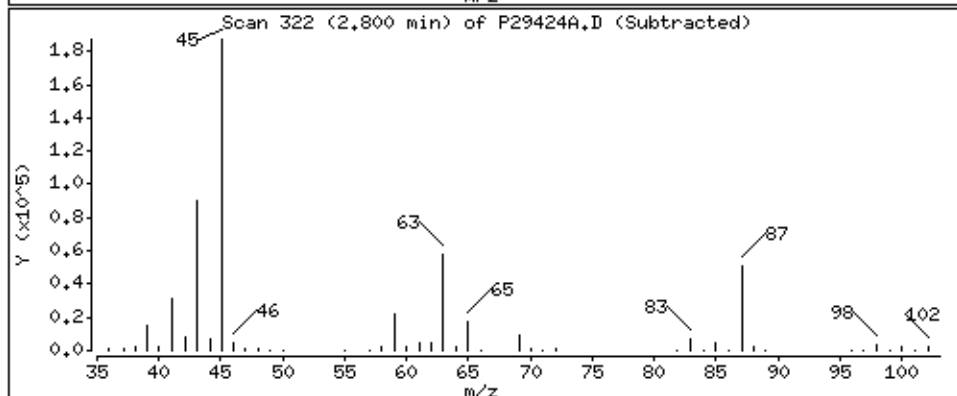
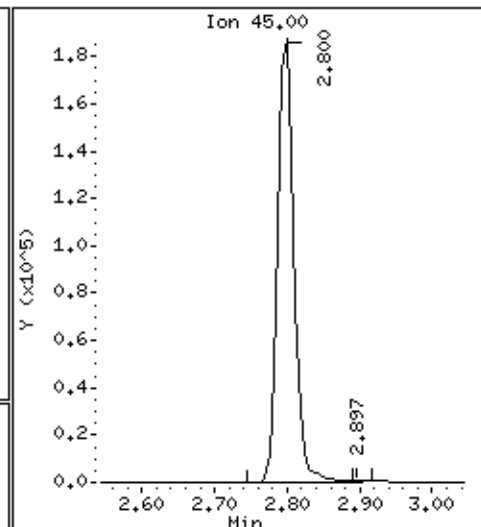
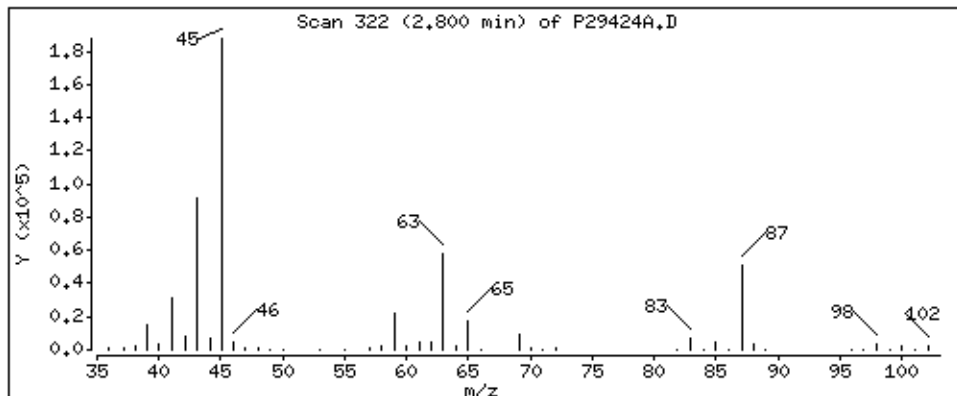
Column phase: RTX-624

Column diameter: 0,18

19 2-Propanol

Concentration: 1310 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

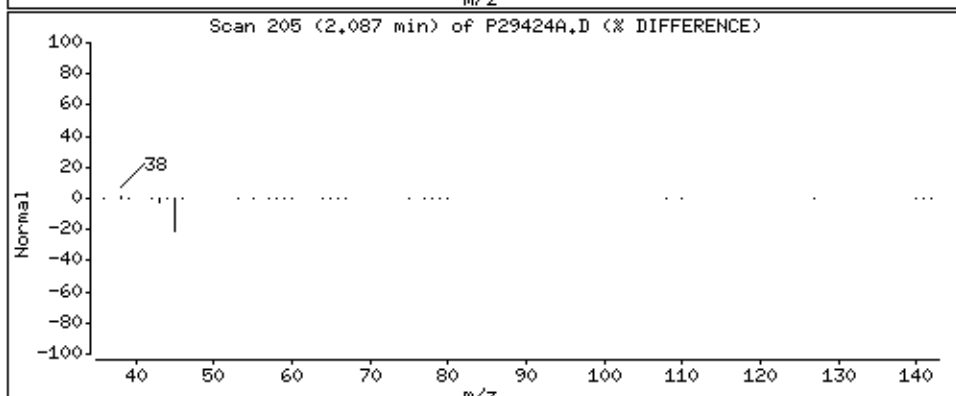
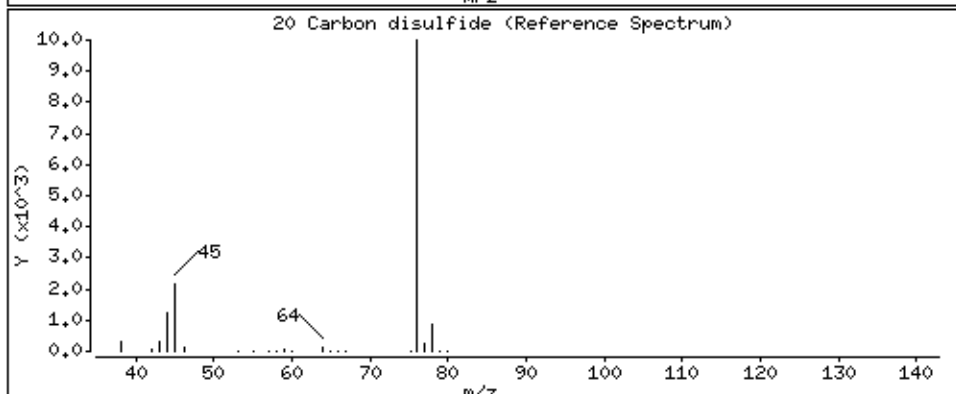
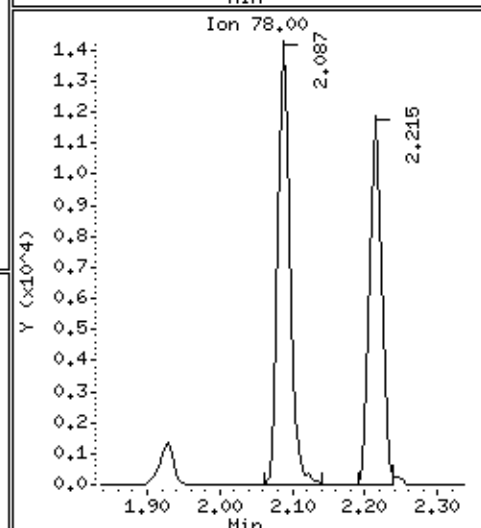
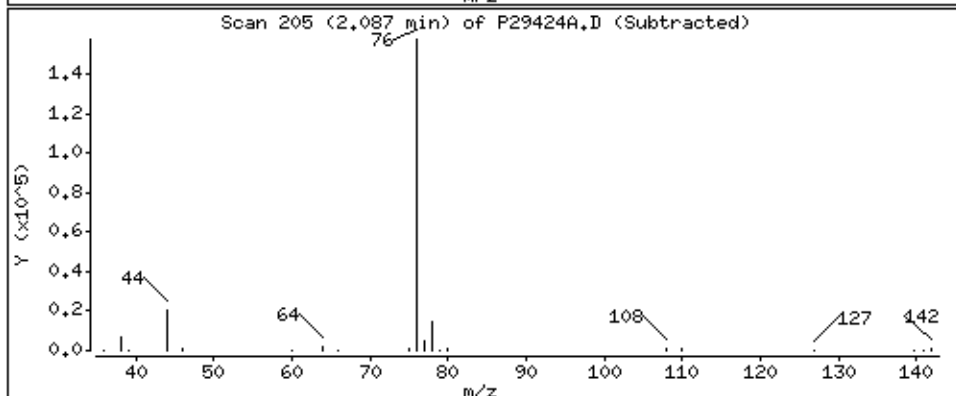
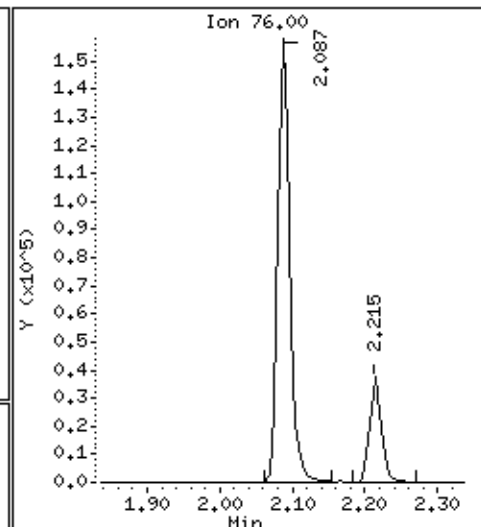
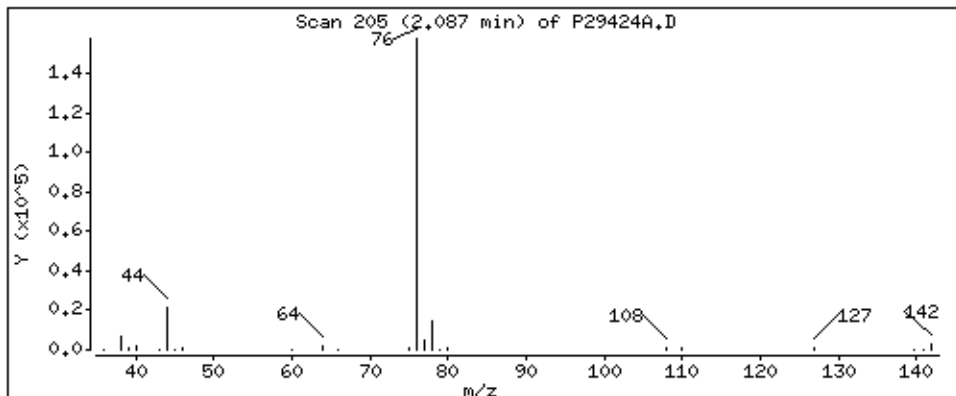
Column phase: RTX-624

Column diameter: 0.18

20 Carbon disulfide

Concentration: 40.0 ug/L

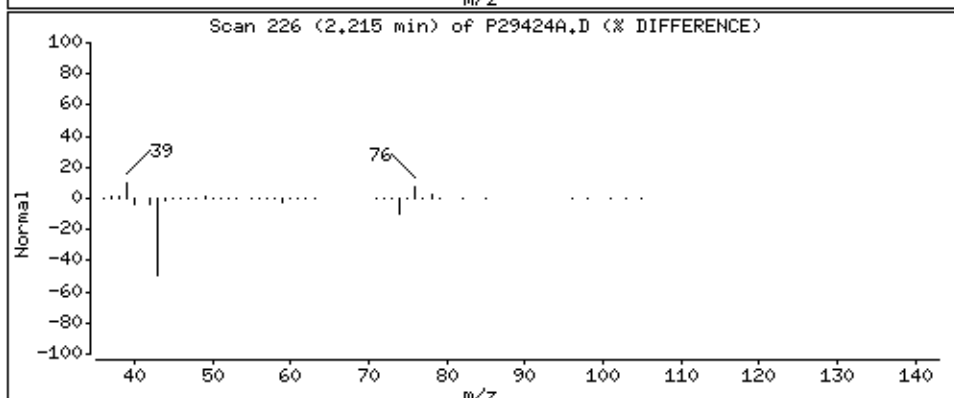
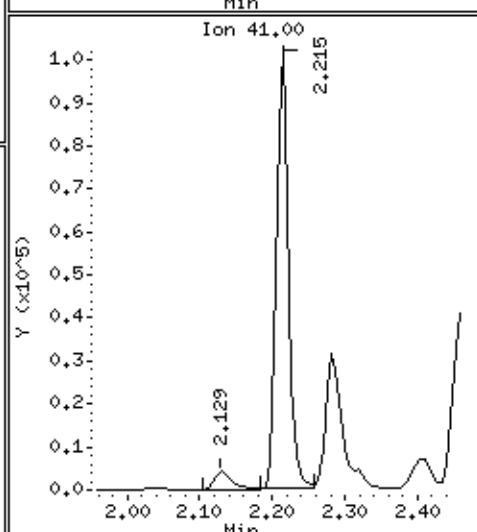
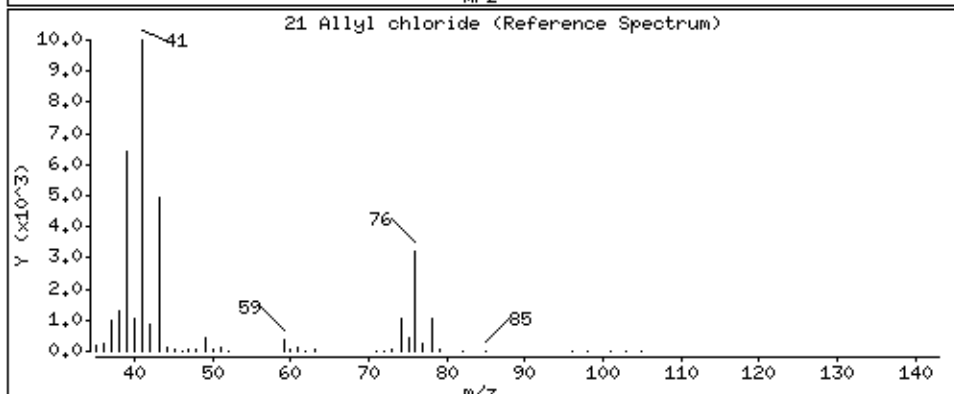
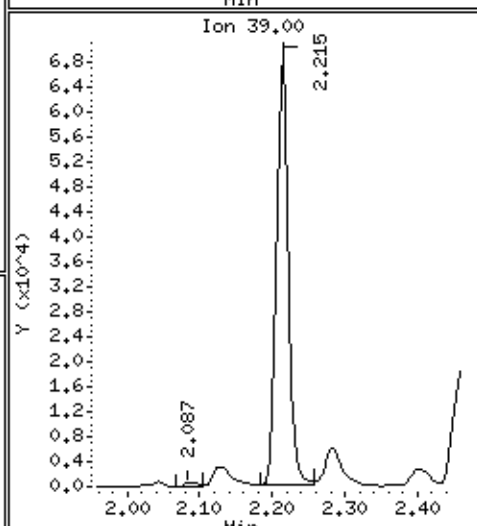
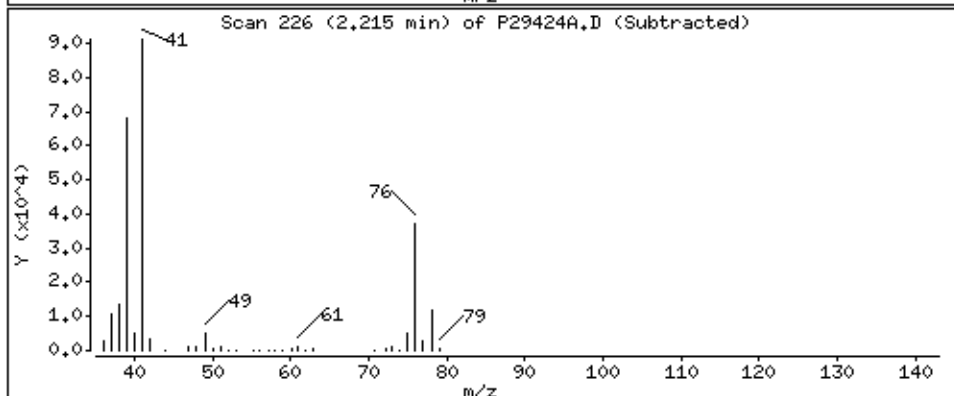
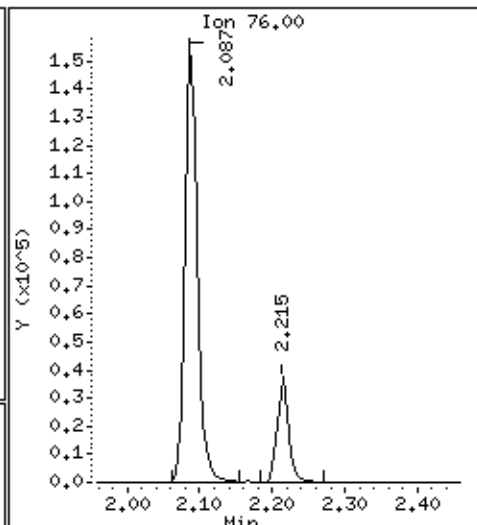
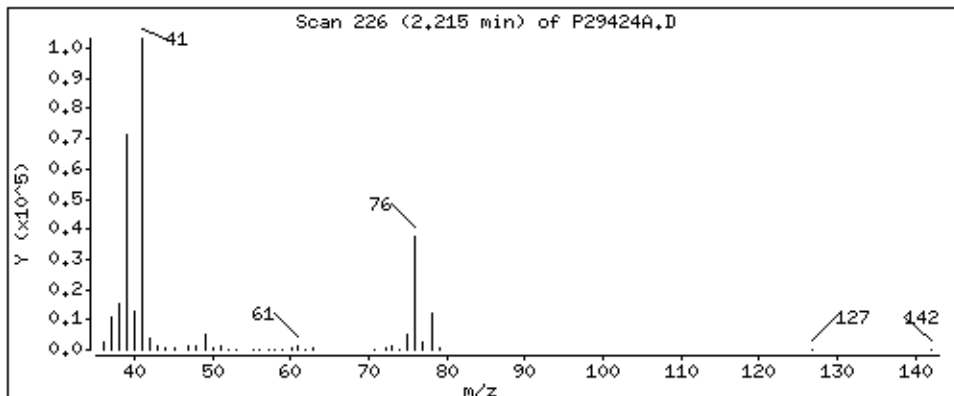
Review Code:



21 Allyl chloride

Concentration: 42.5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

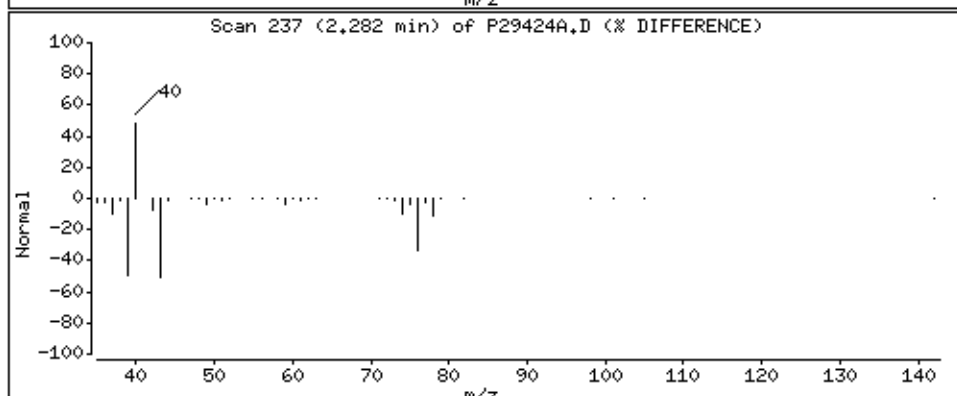
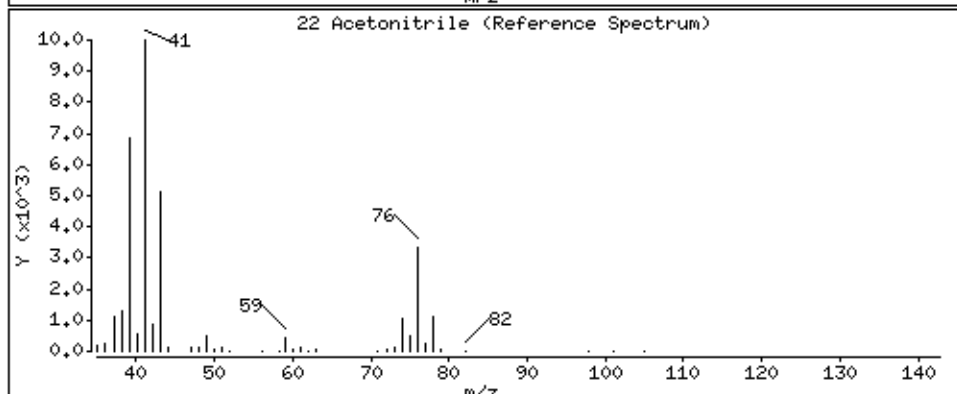
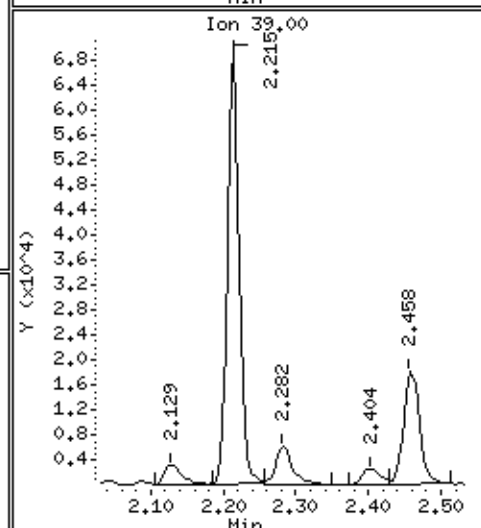
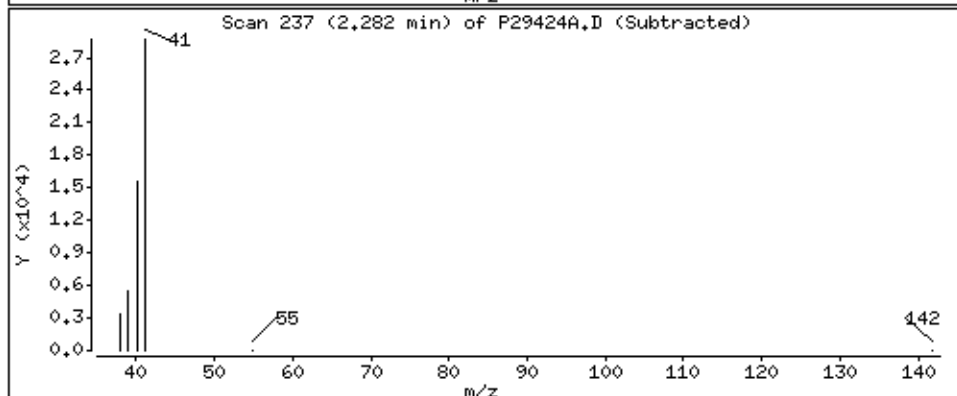
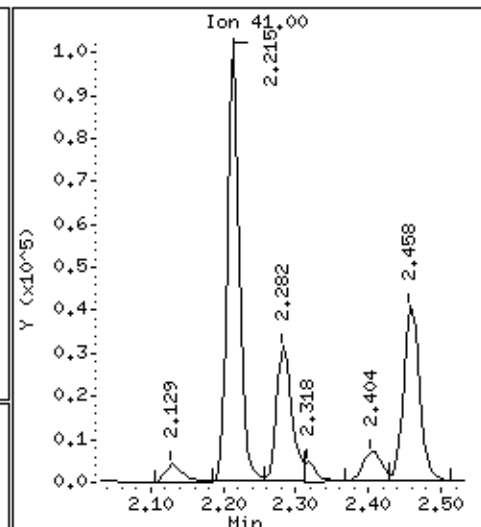
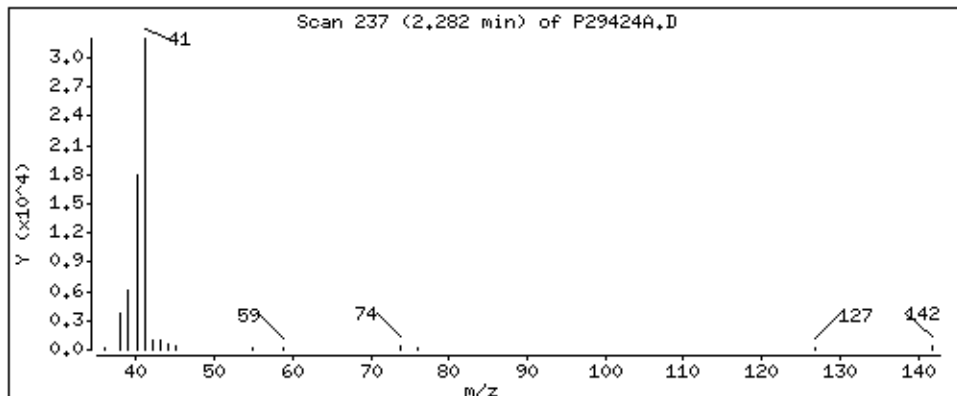
Column phase: RTX-624

Column diameter: 0,18

22 Acetonitrile

Concentration: 296 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

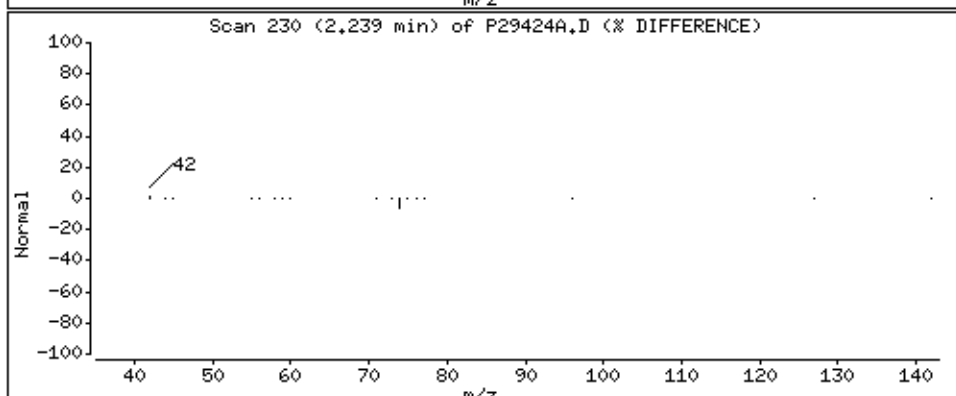
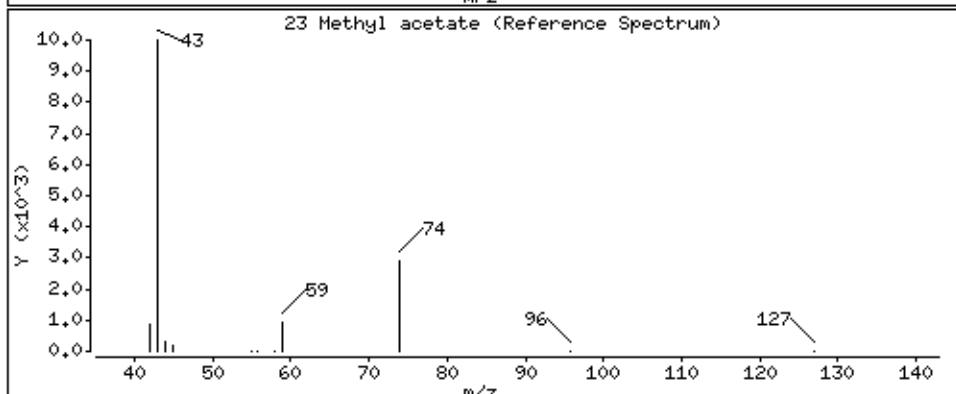
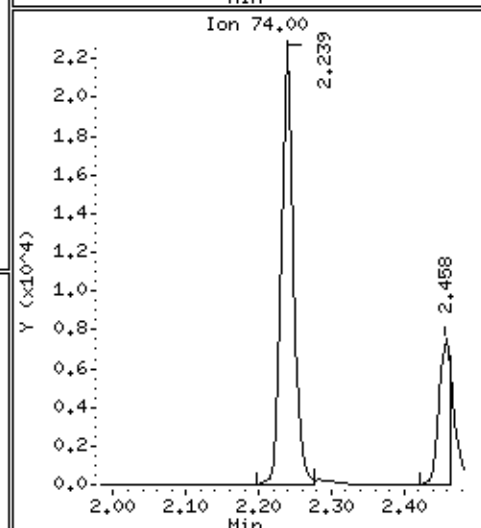
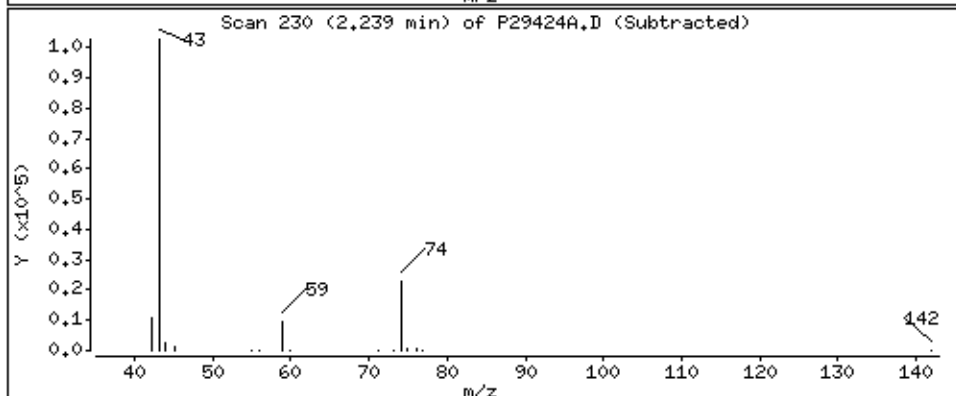
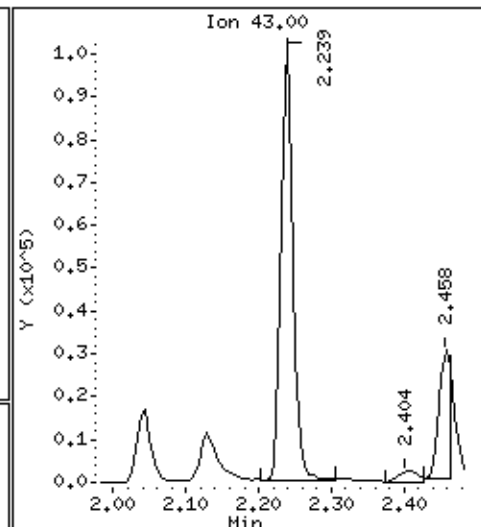
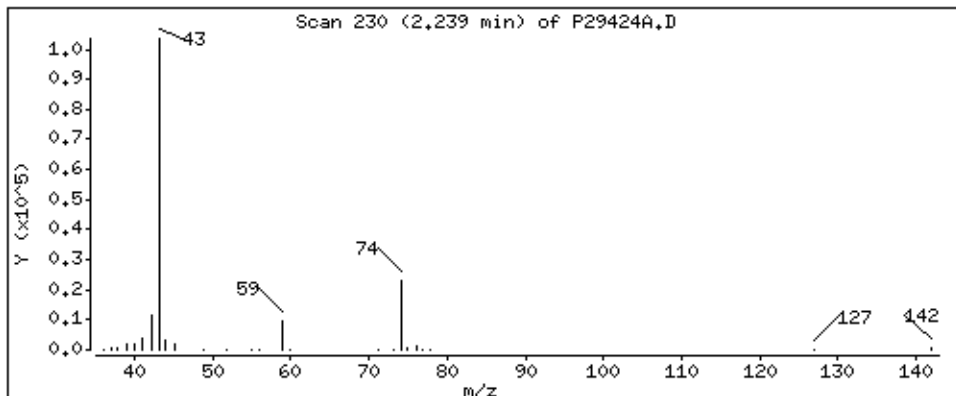
Column phase: RTX-624

Column diameter: 0,18

23 Methyl acetate

Concentration: 111 ug/L

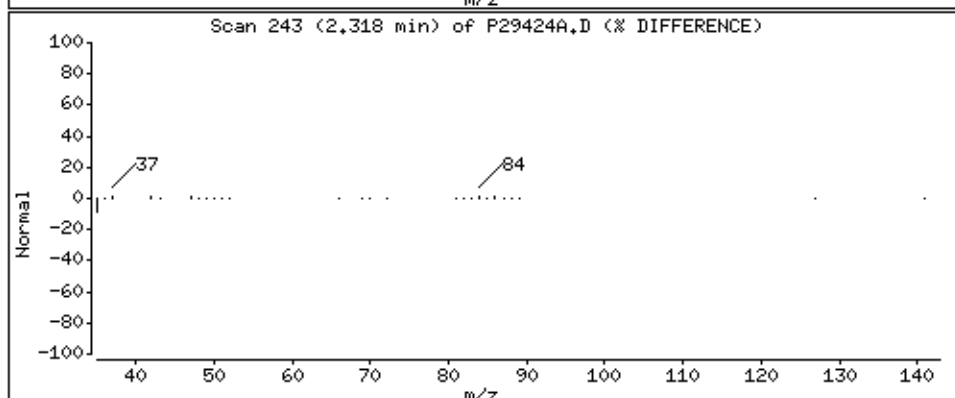
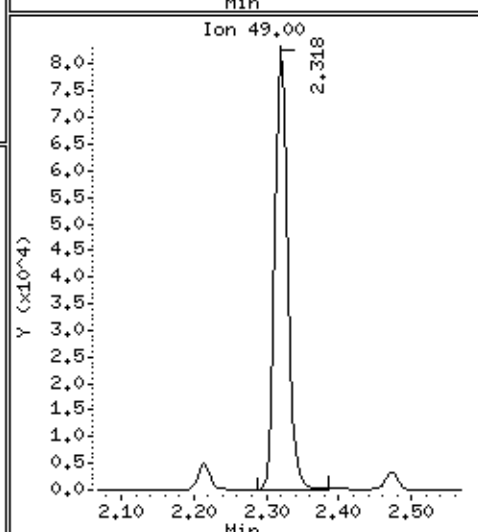
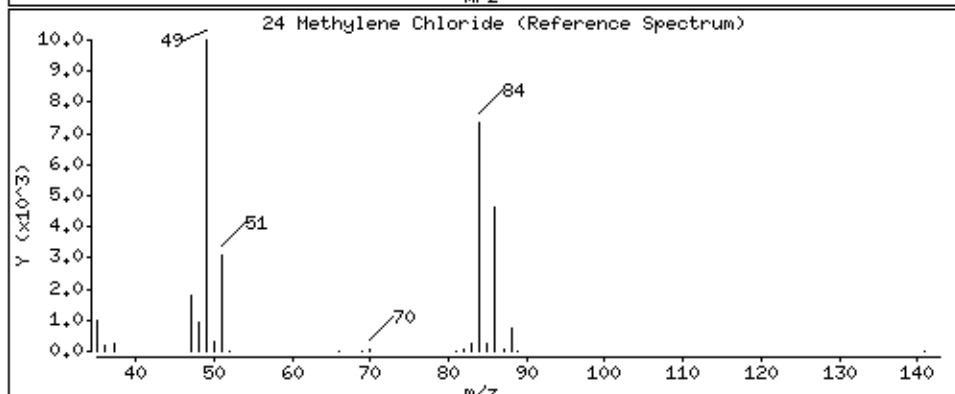
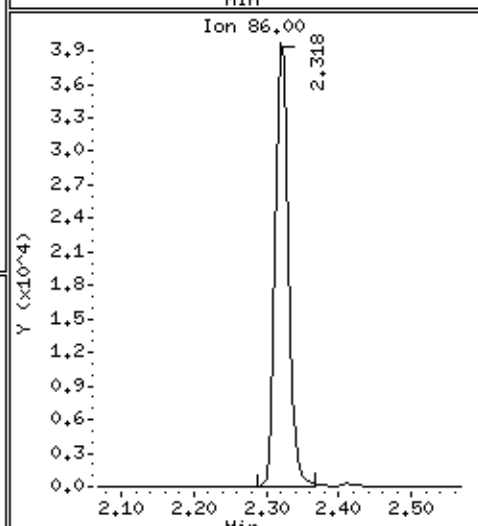
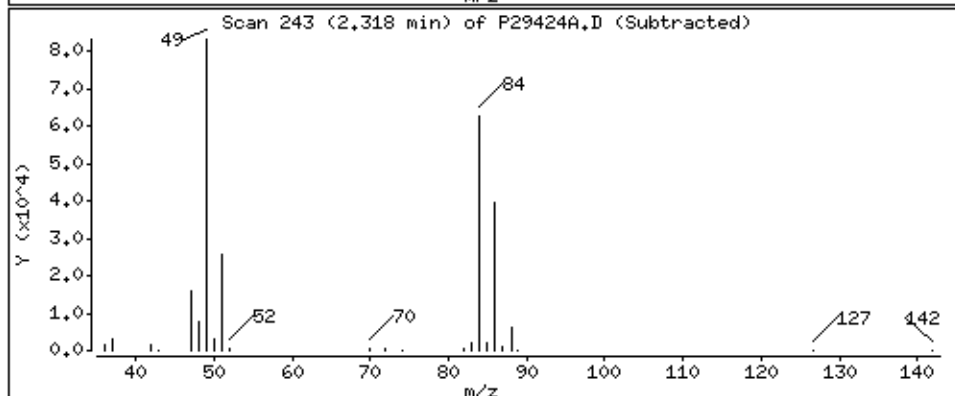
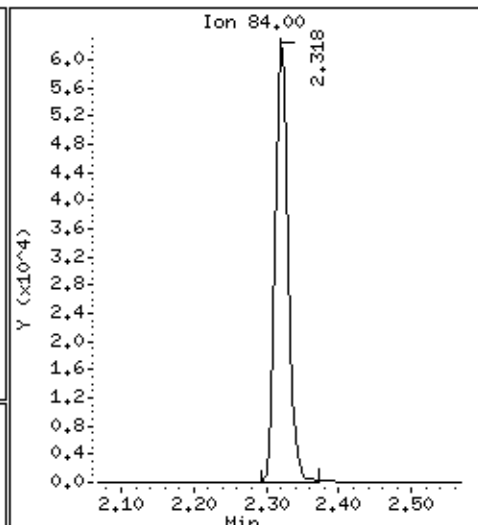
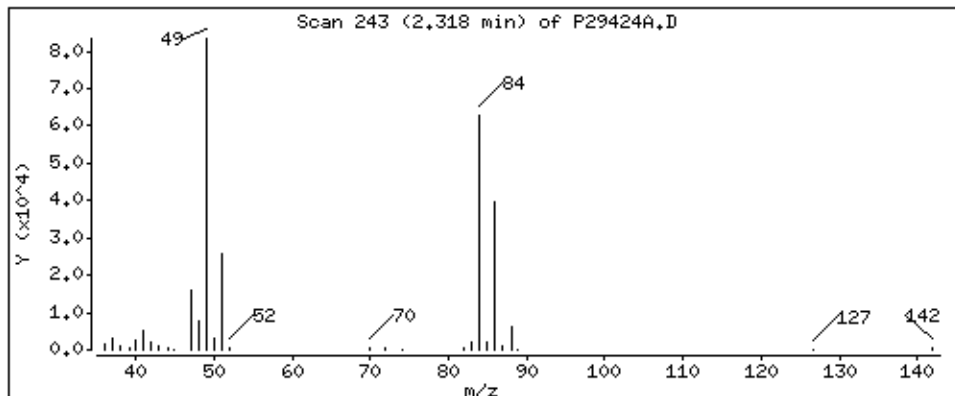
Review Code:



24 Methylene Chloride

Concentration: 45,9 ug/L

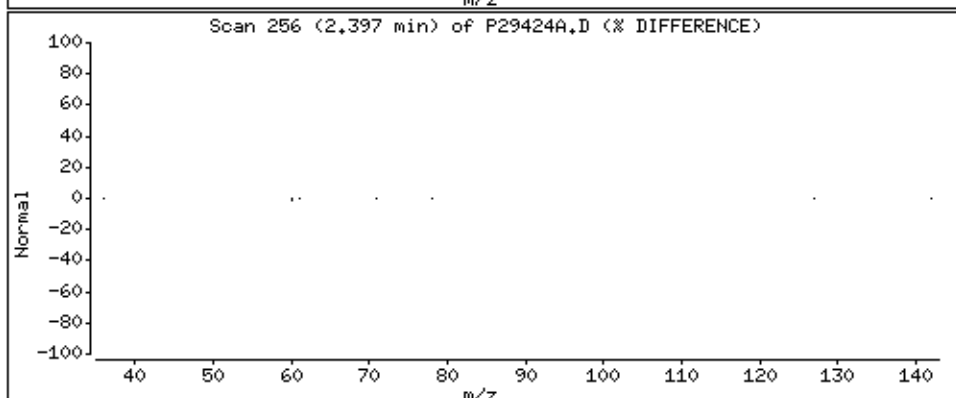
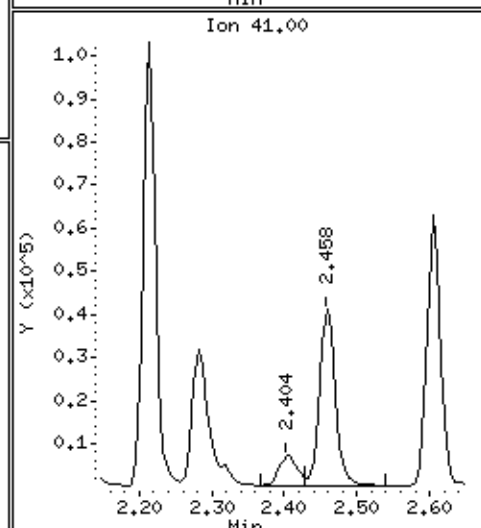
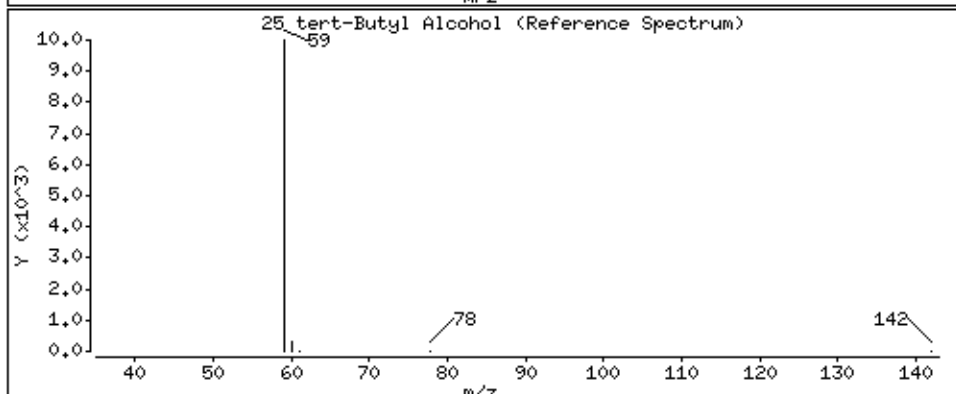
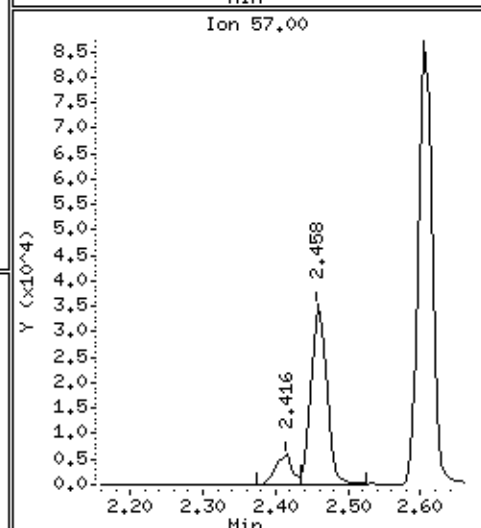
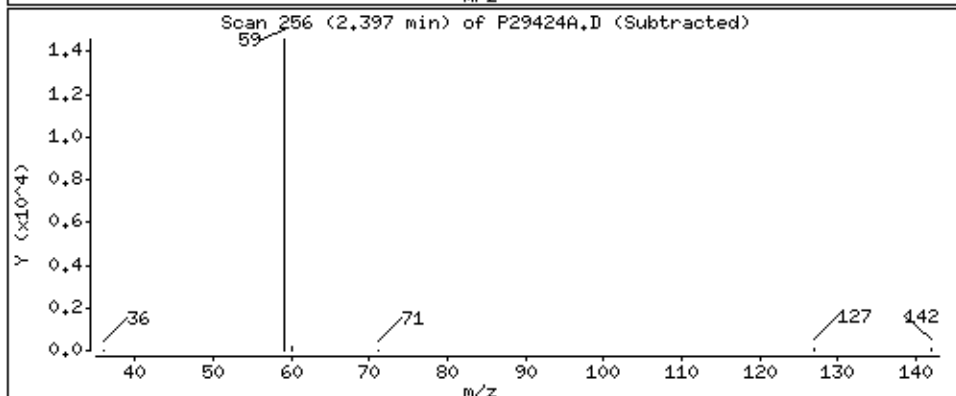
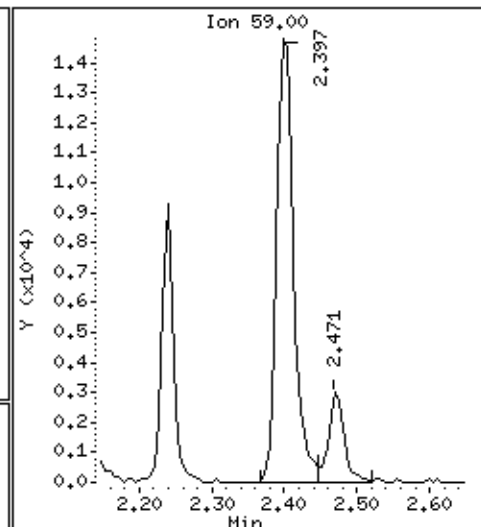
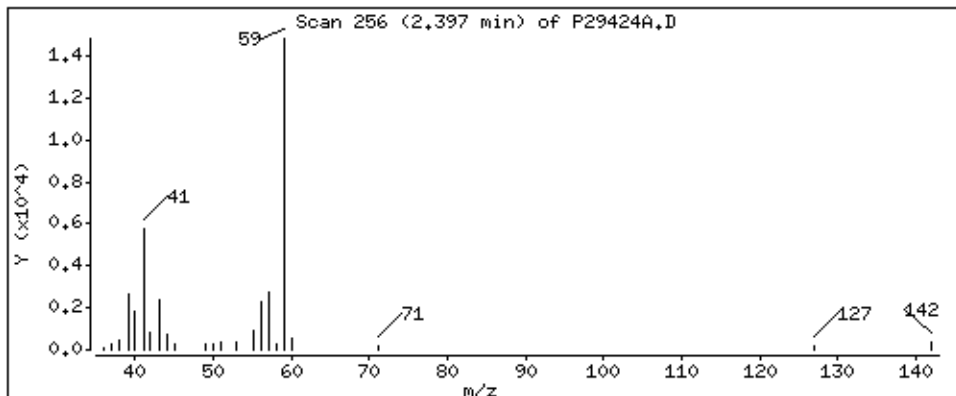
Review Code:



25 tert-Butyl Alcohol

Concentration: 208 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

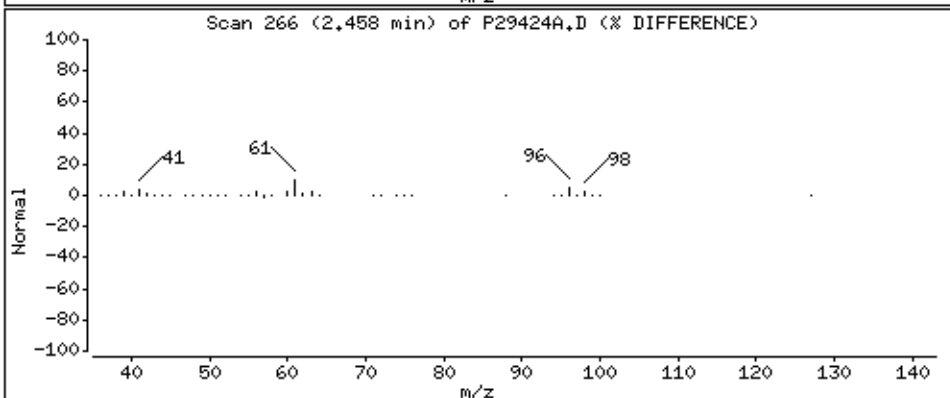
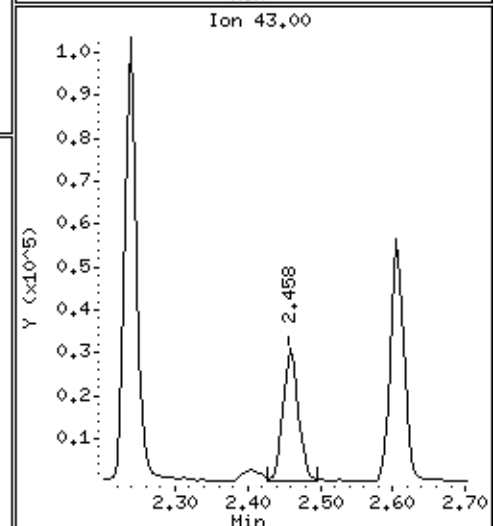
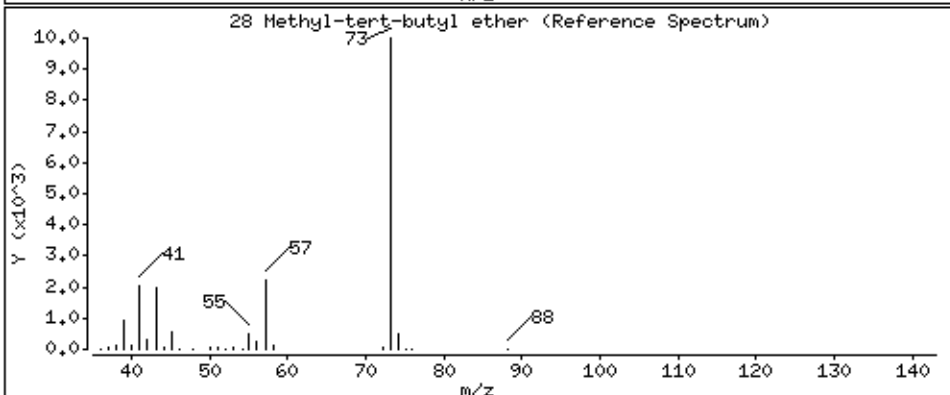
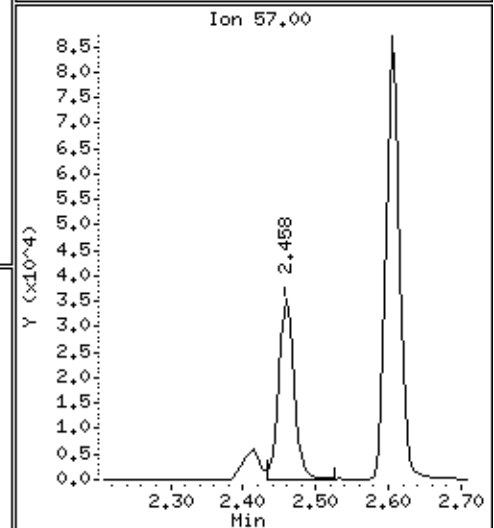
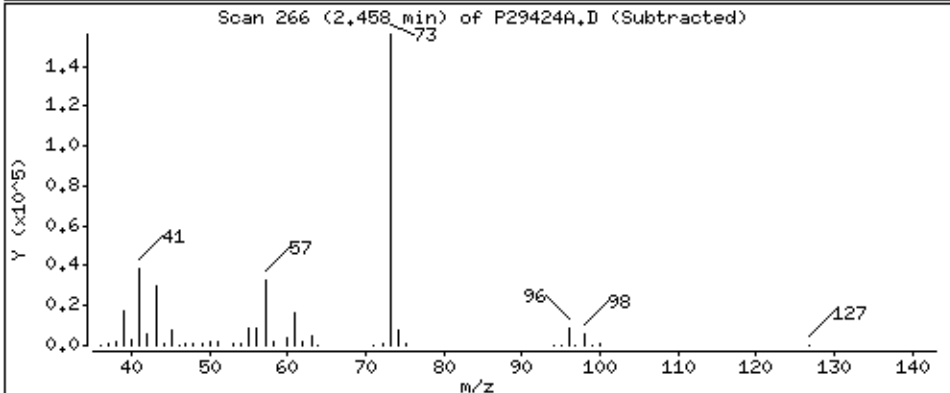
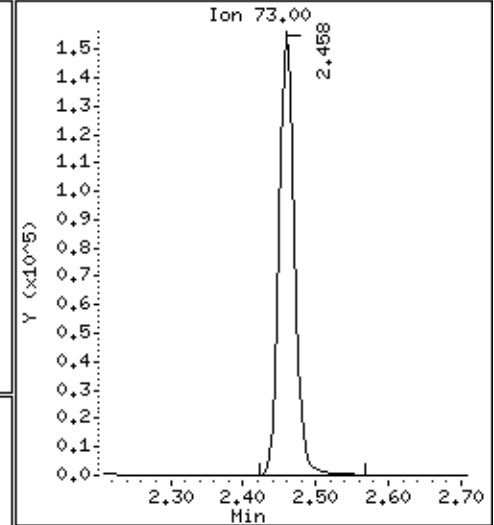
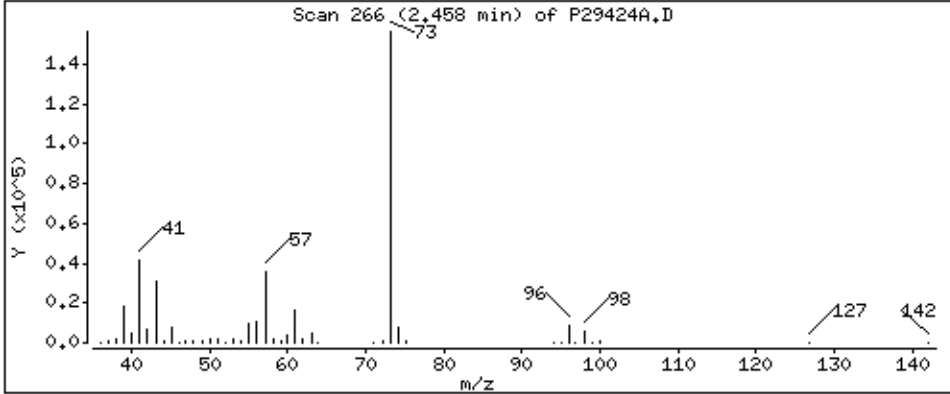
Column phase: RTX-624

Column diameter: 0,18

28 Methyl-tert-butyl ether

Concentration: 44,6 ug/L

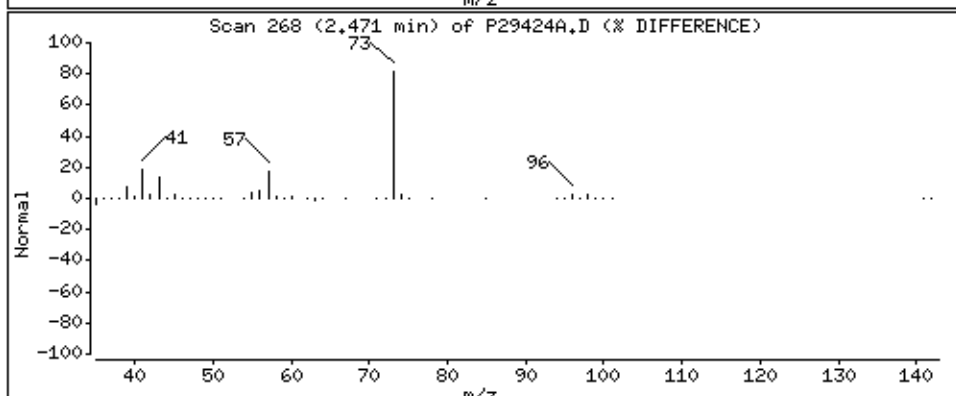
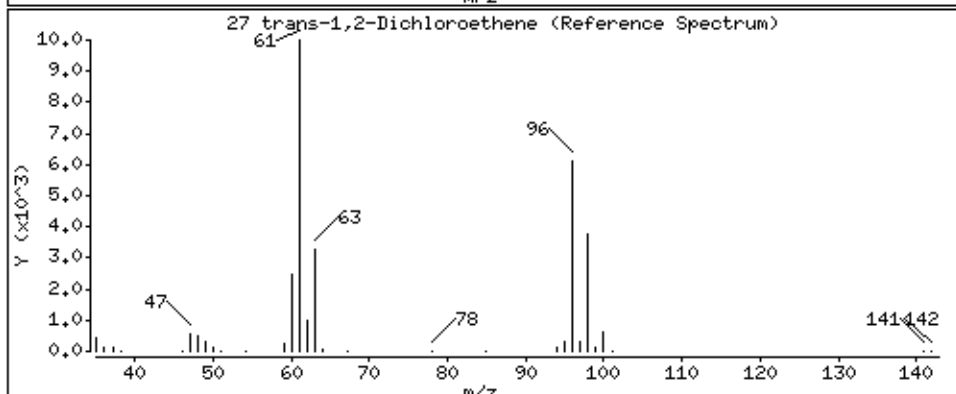
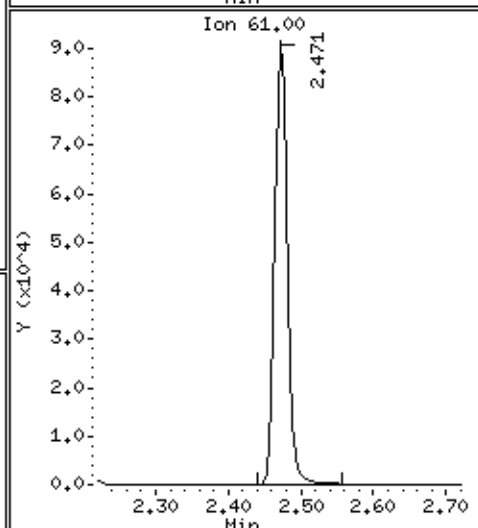
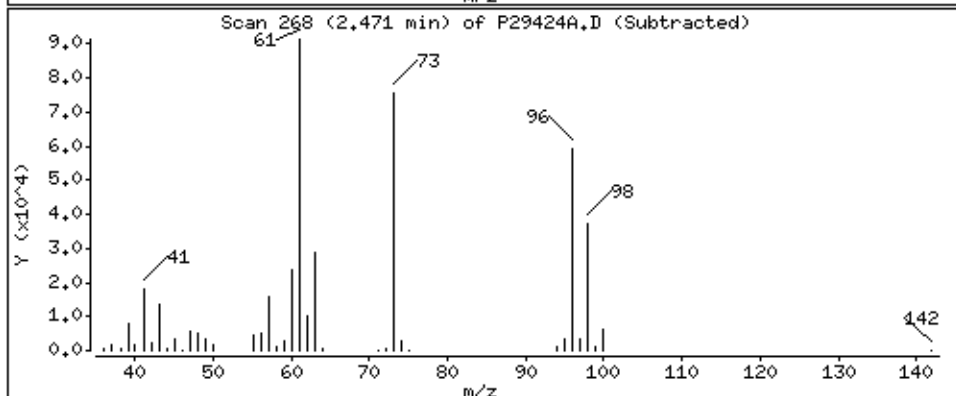
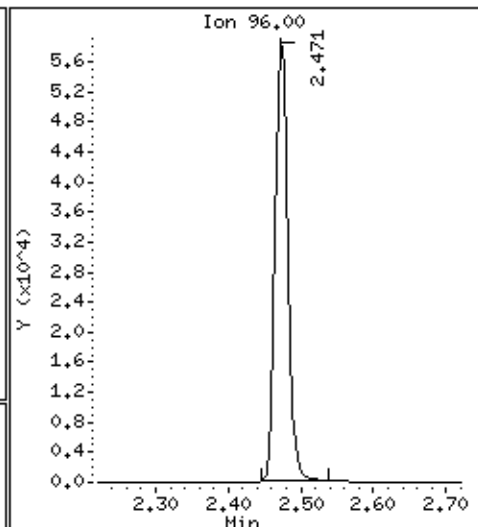
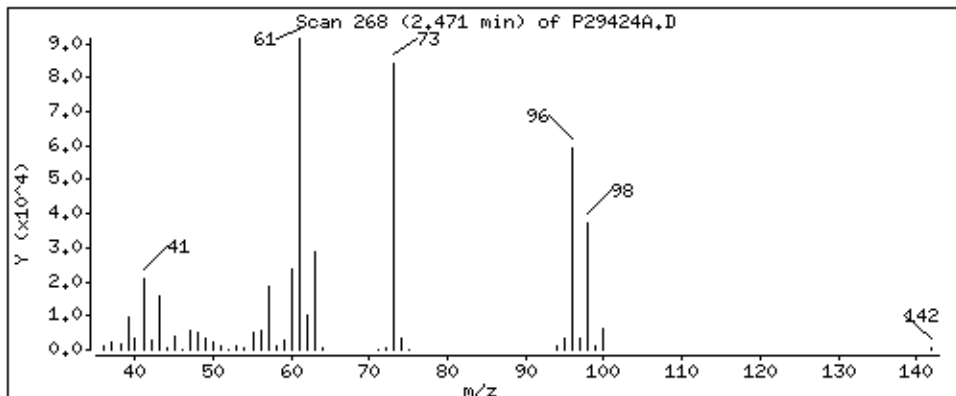
Review Code:



27 trans-1,2-Dichloroethene

Concentration: 43,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

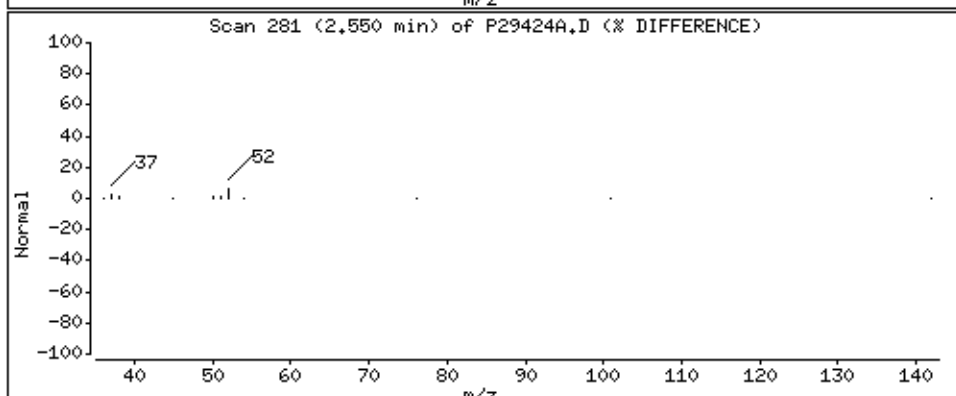
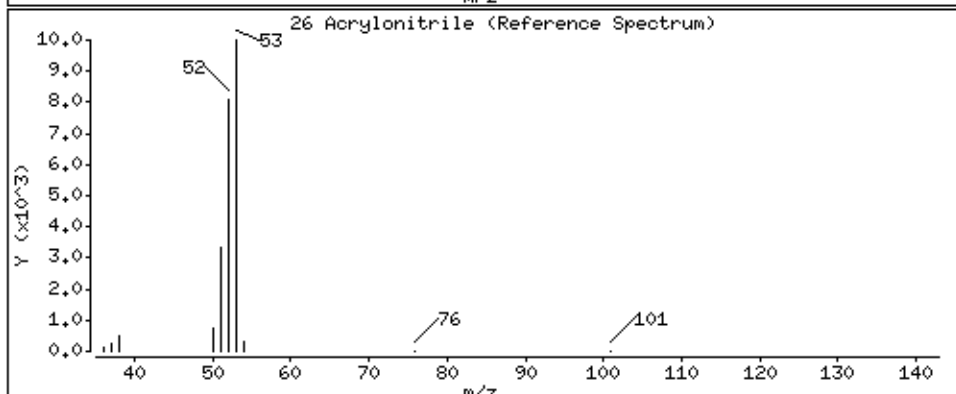
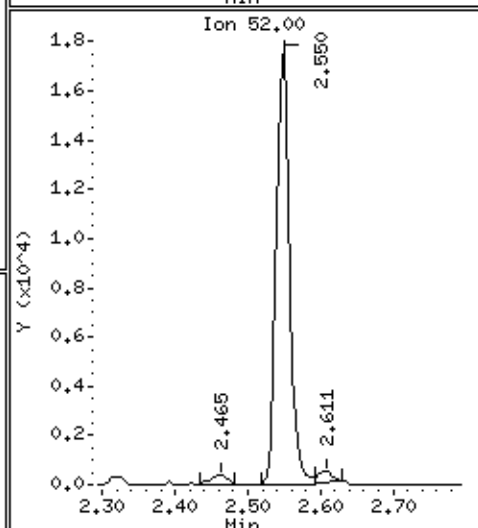
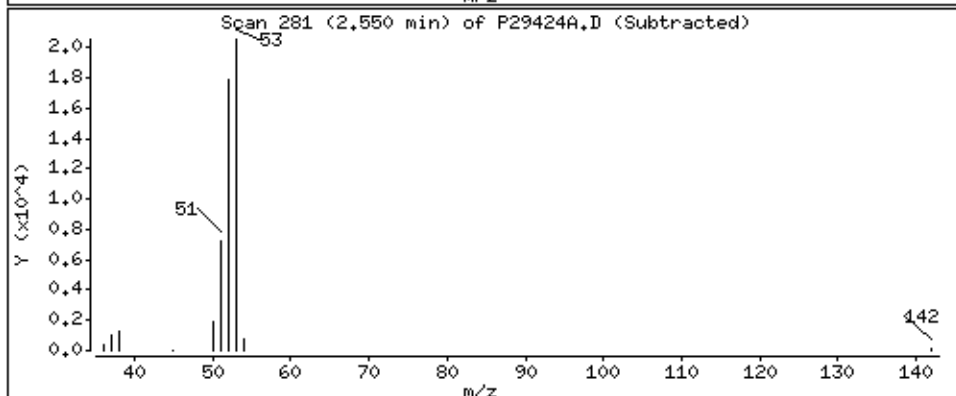
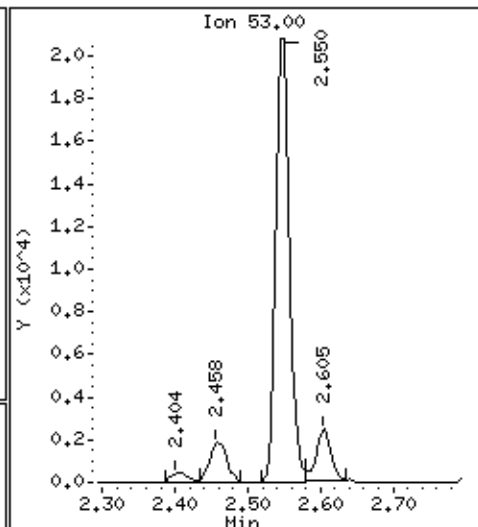
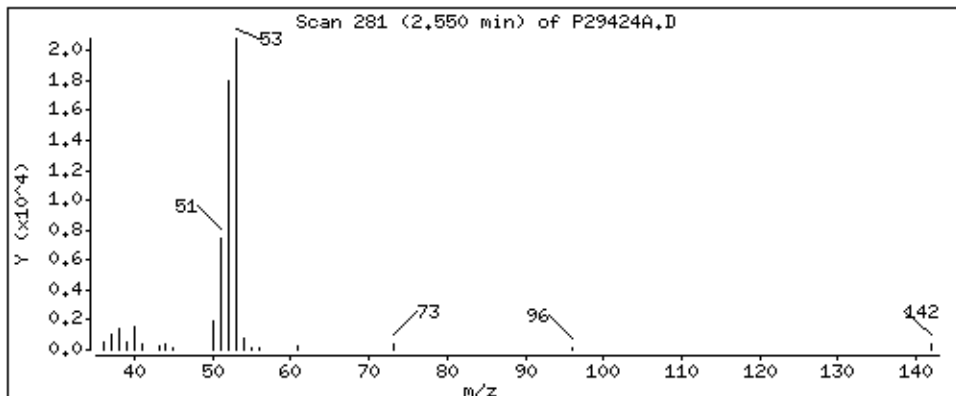
Column phase: RTX-624

Column diameter: 0,18

26 Acrylonitrile

Concentration: 55,2 ug/L

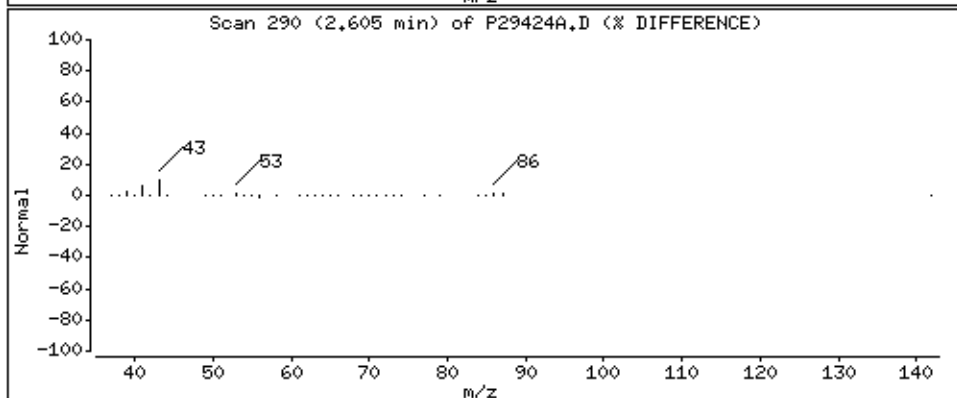
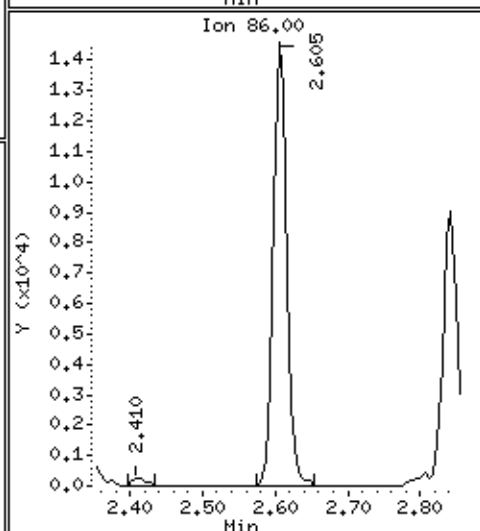
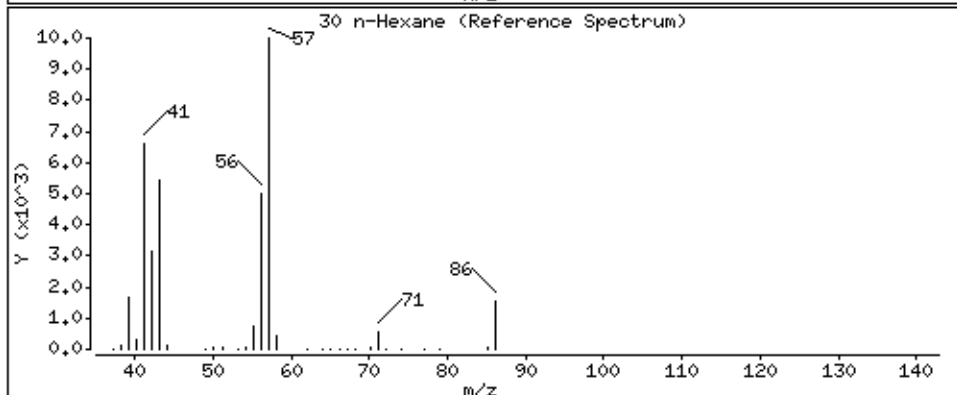
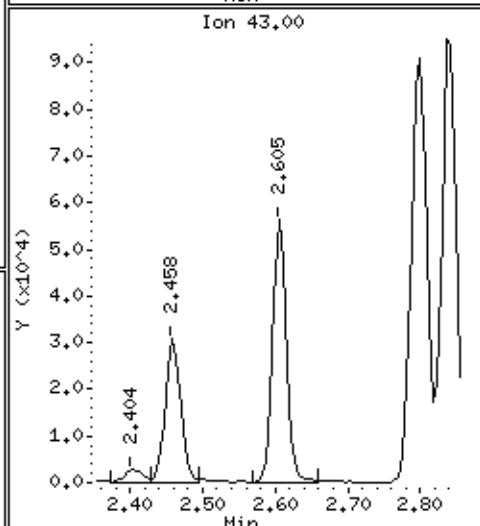
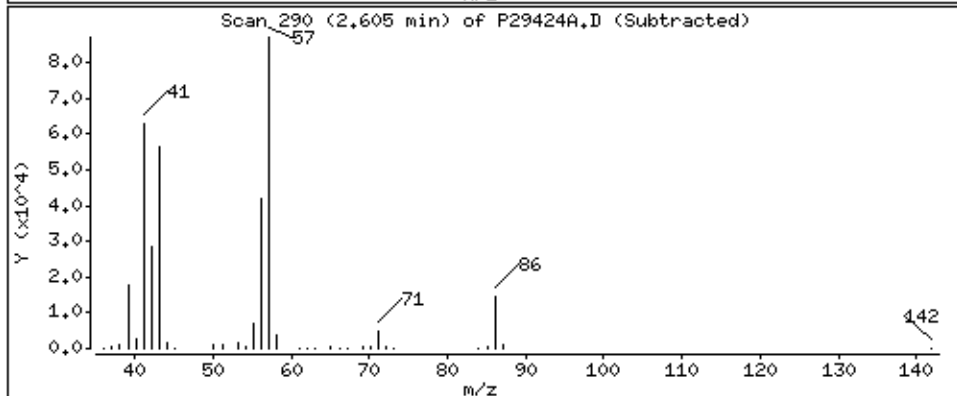
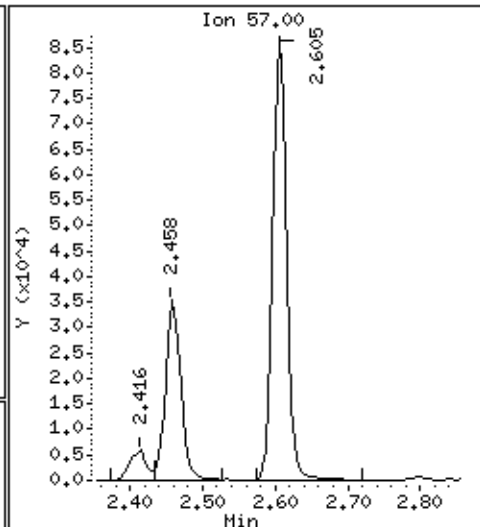
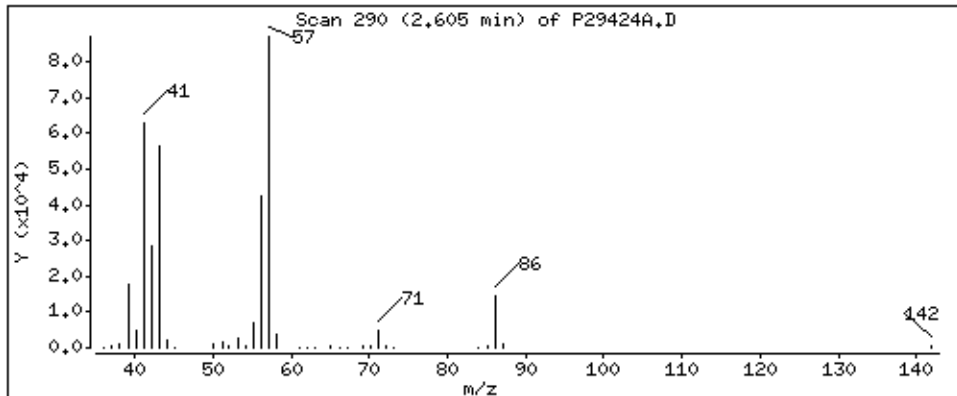
Review Code:



30 n-Hexane

Concentration: 48,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

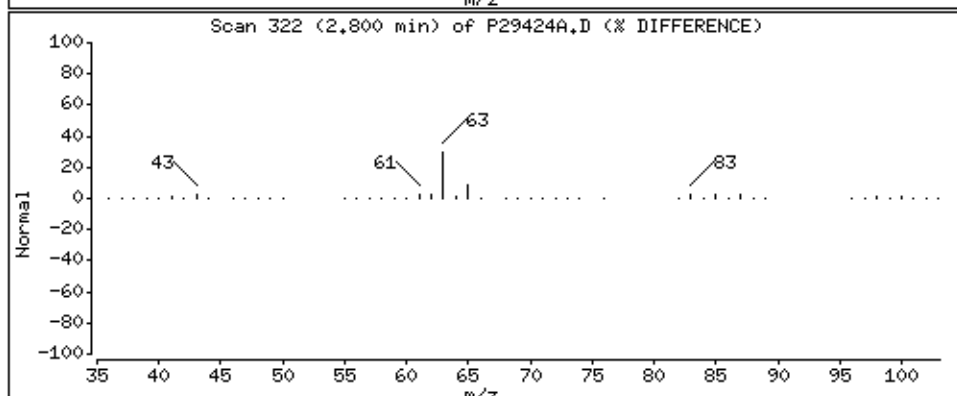
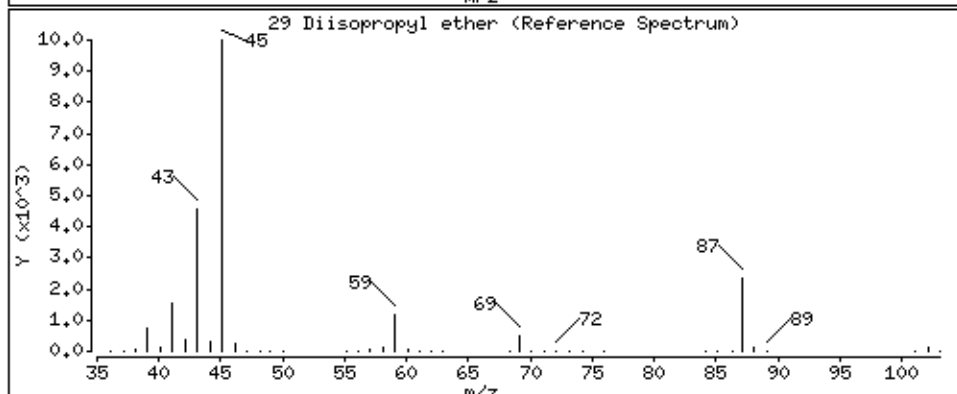
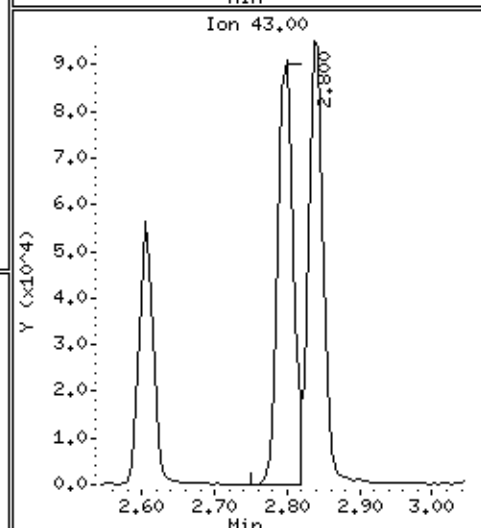
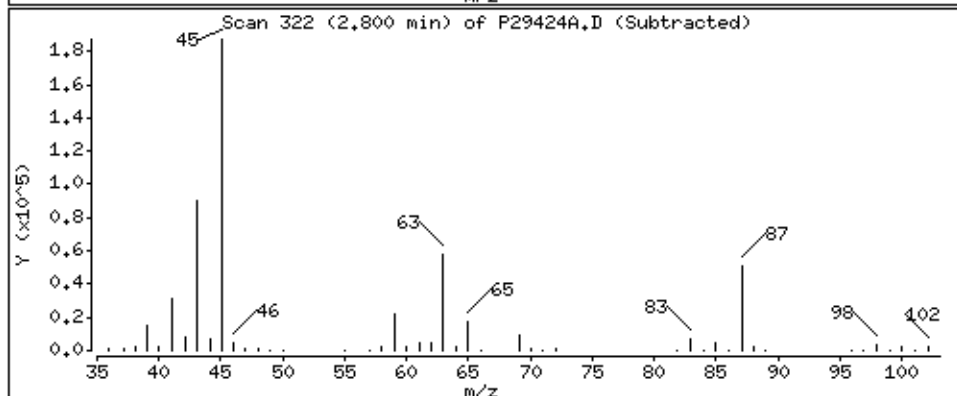
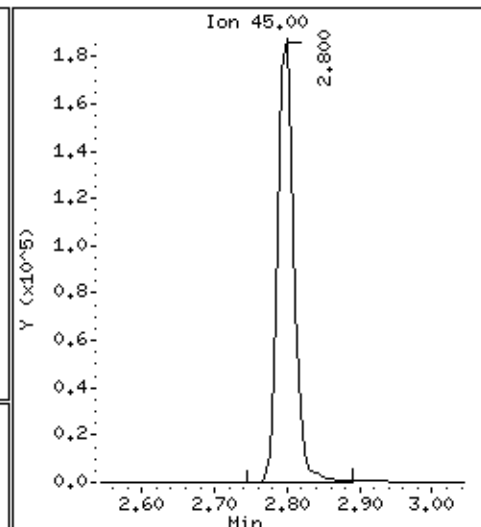
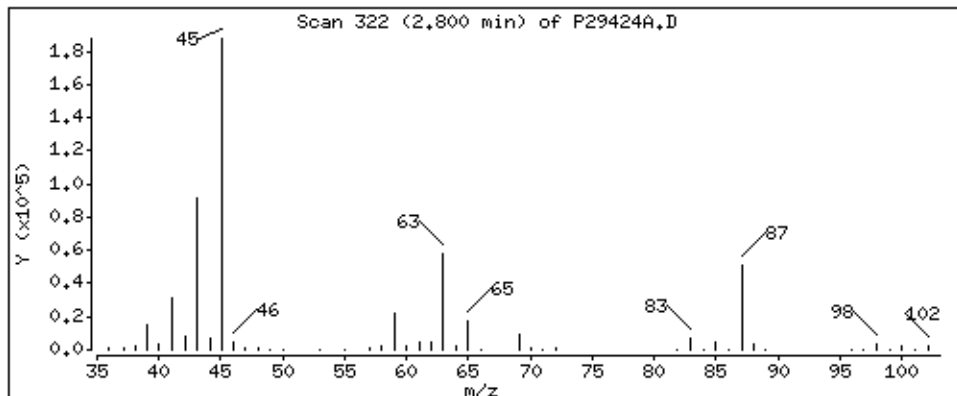
Column phase: RTX-624

Column diameter: 0,18

29 Diisopropyl ether

Concentration: 52.4 ug/L

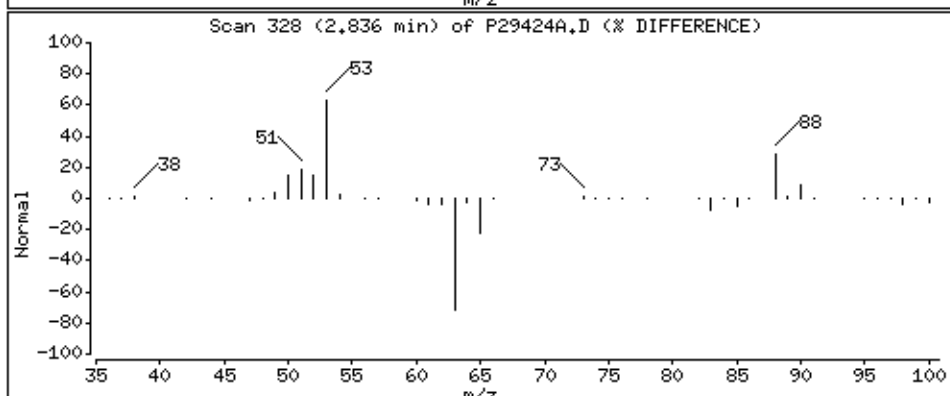
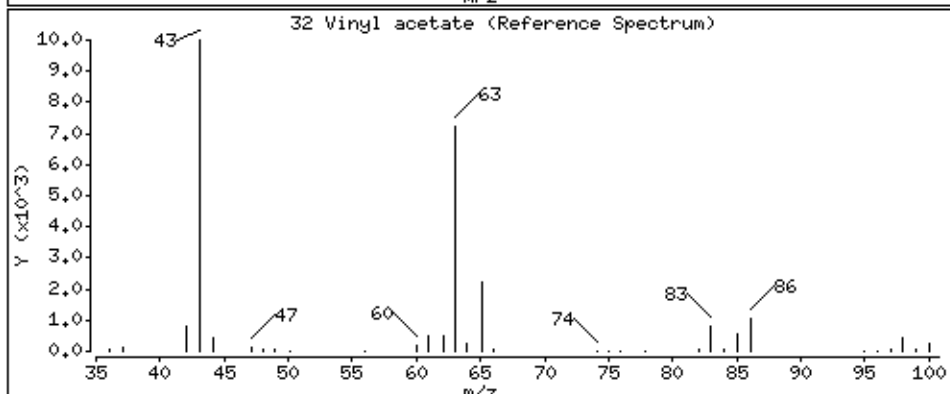
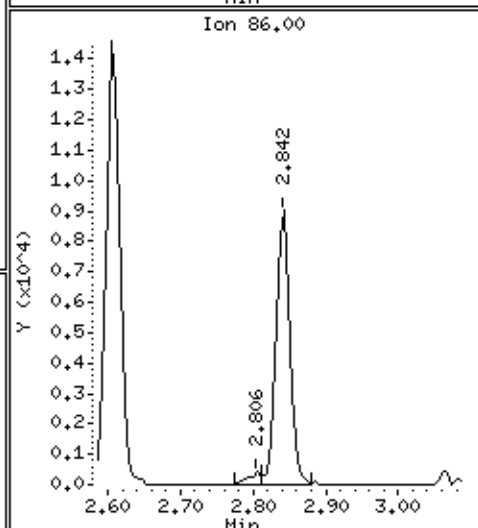
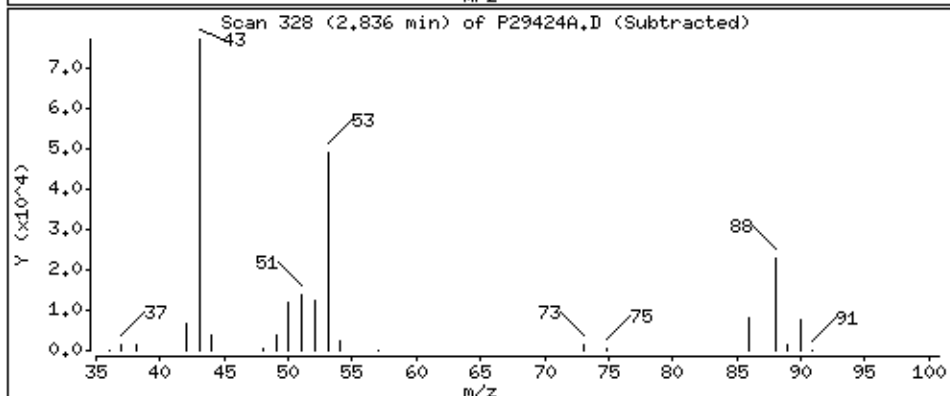
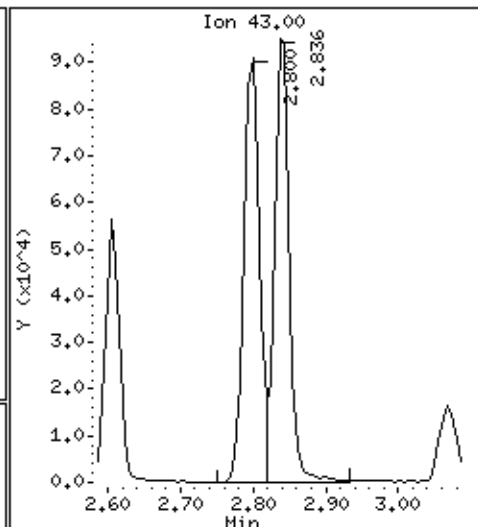
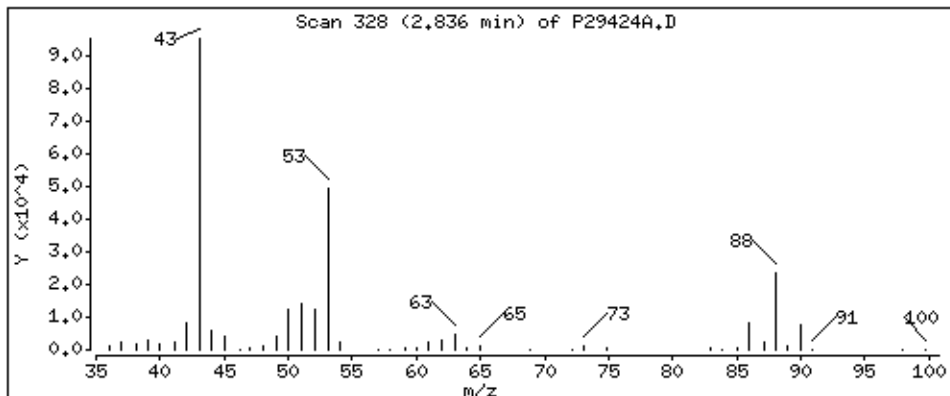
Review Code:



32 Vinyl acetate

Concentration: 40,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

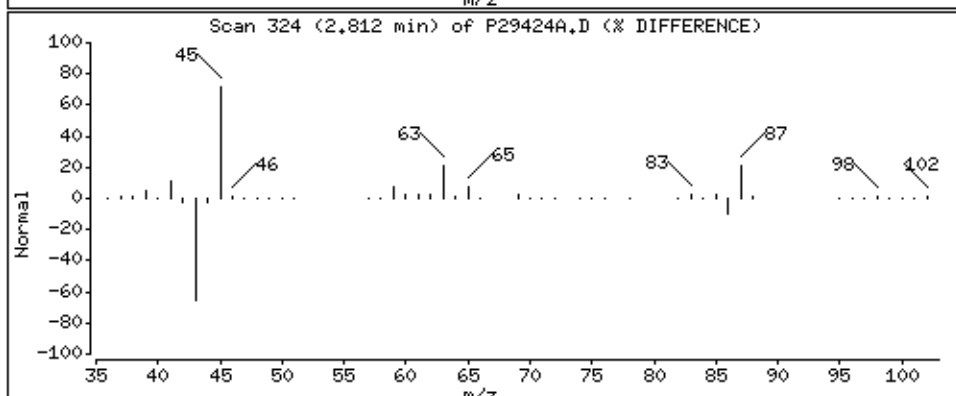
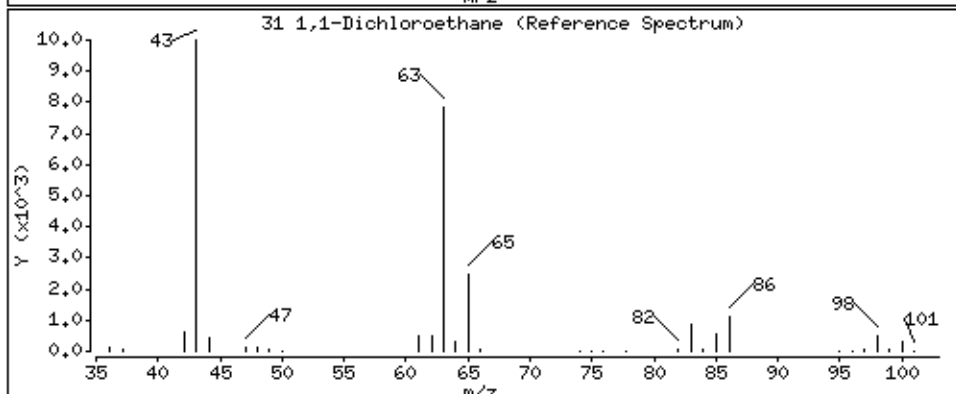
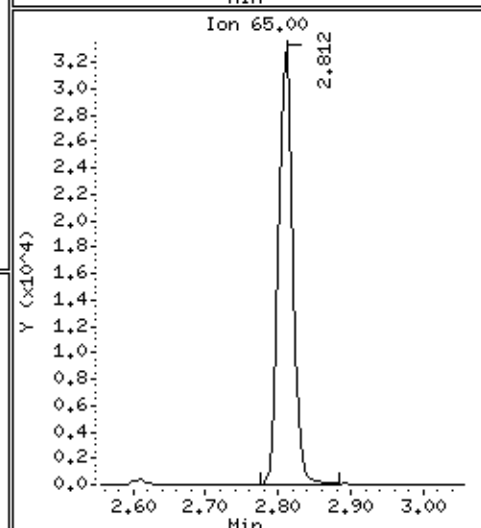
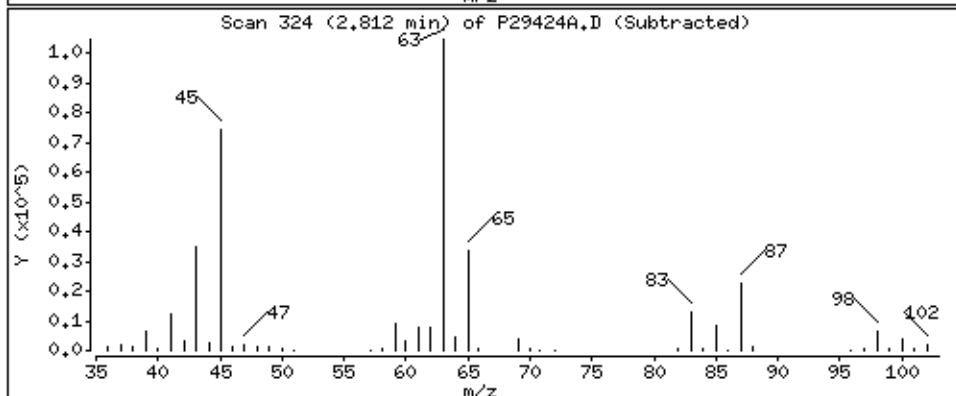
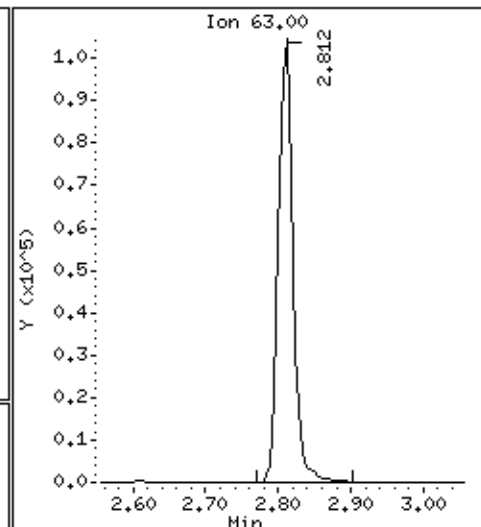
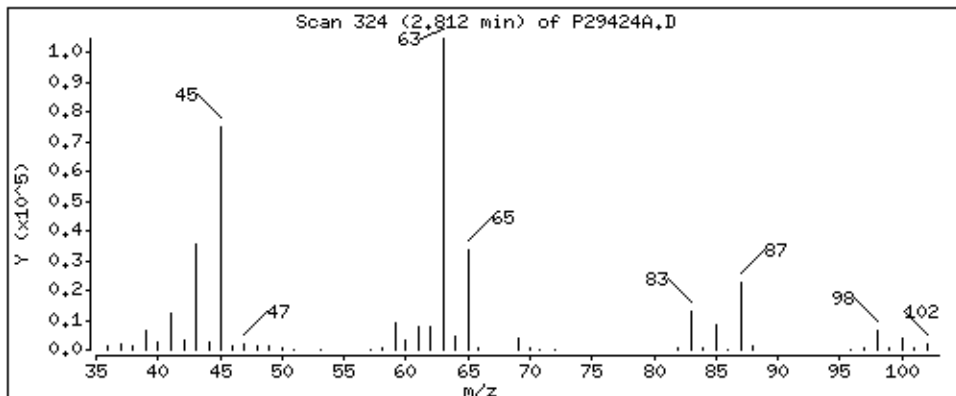
Column phase: RTX-624

Column diameter: 0,18

31 1,1-Dichloroethane

Concentration: 48,4 ug/L

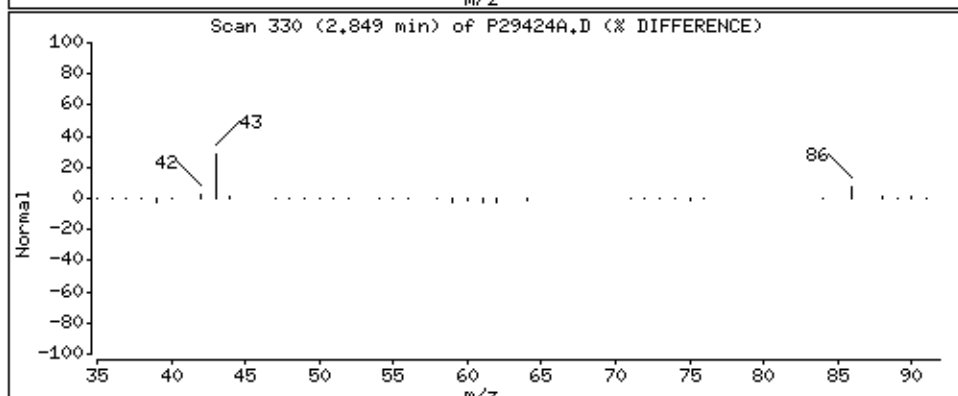
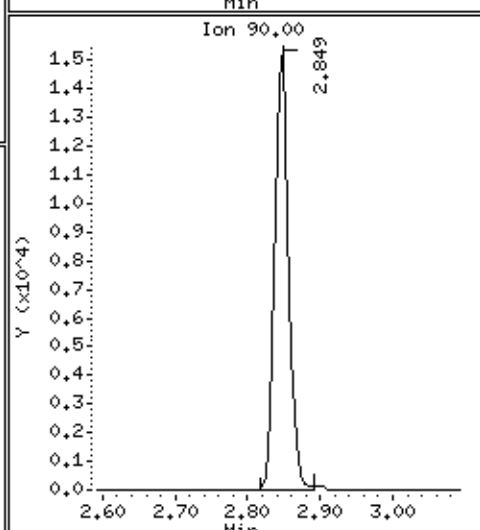
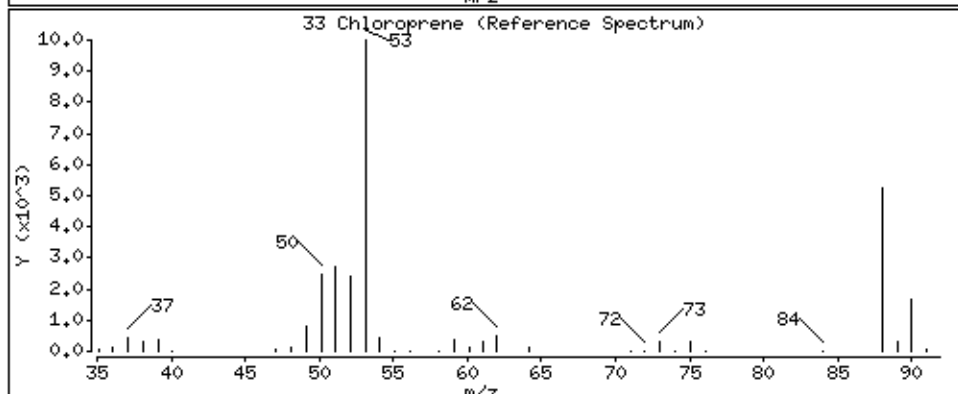
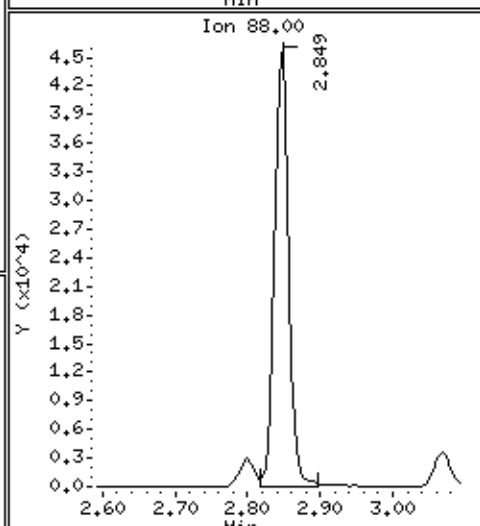
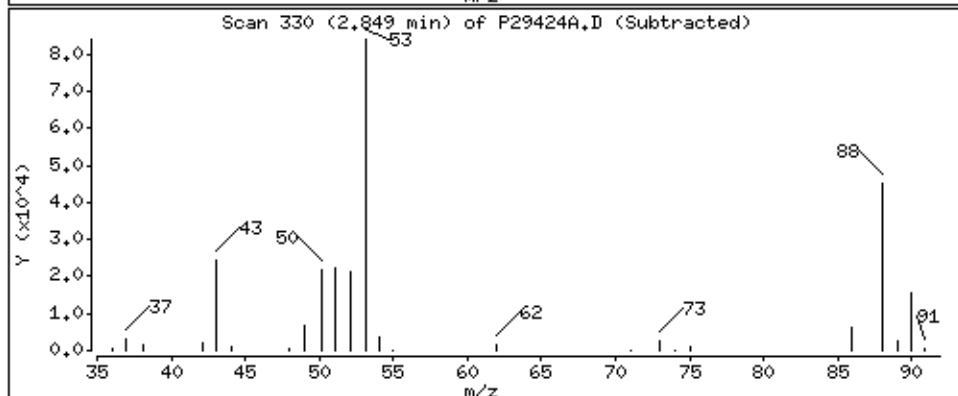
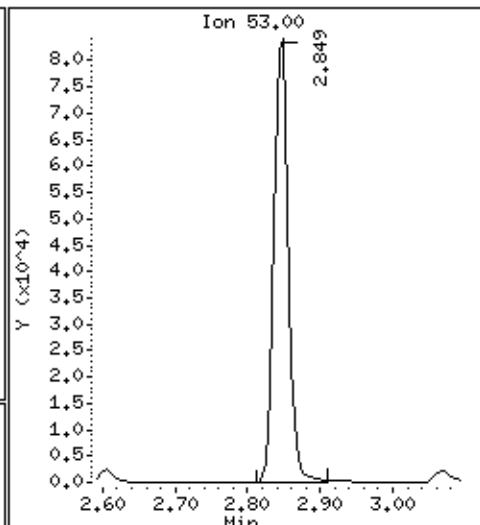
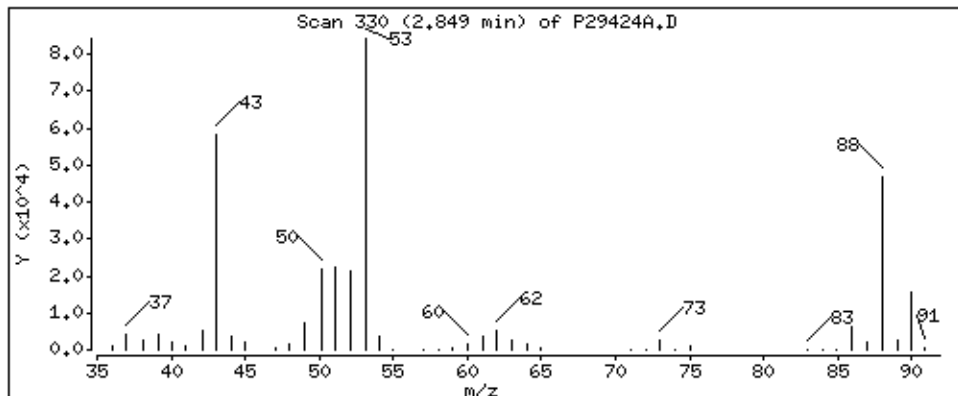
Review Code:



33 Chloroprene

Concentration: 45,7 ug/L

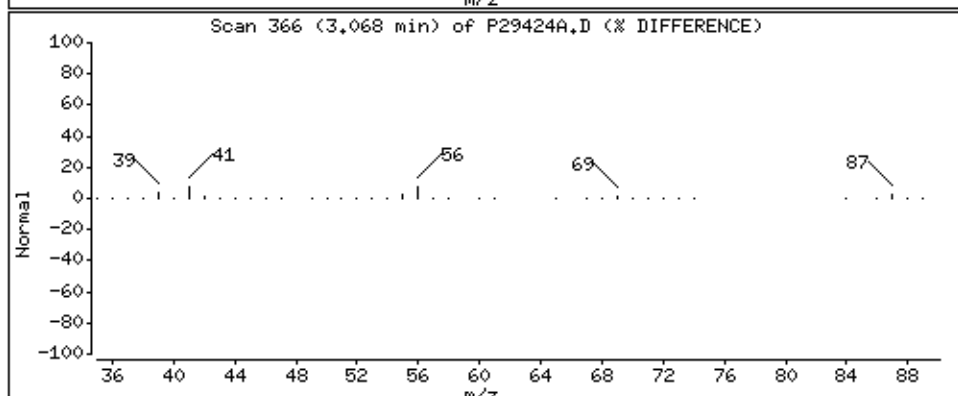
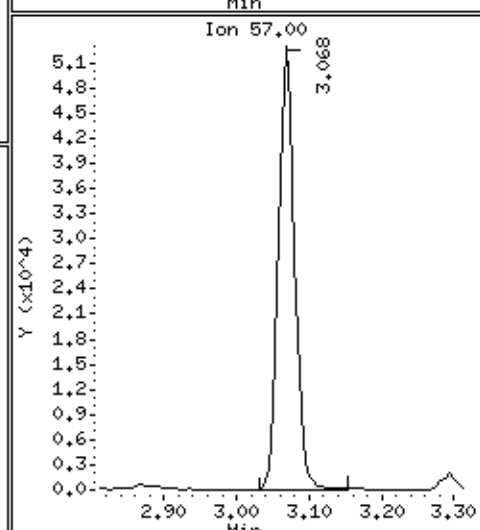
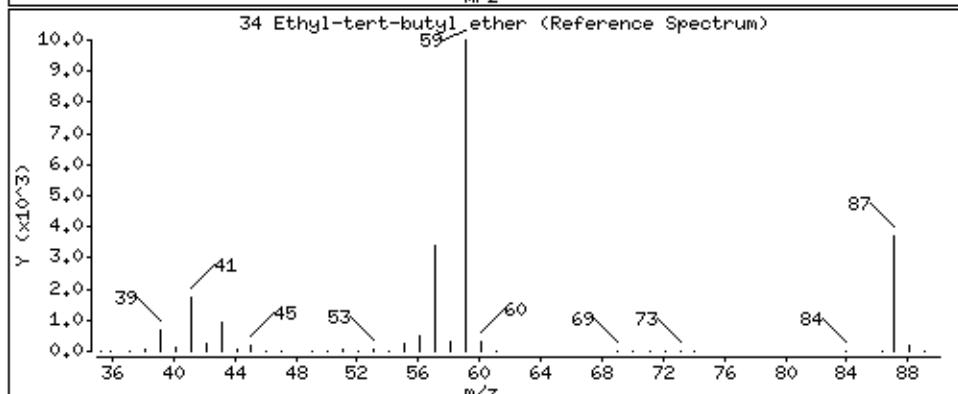
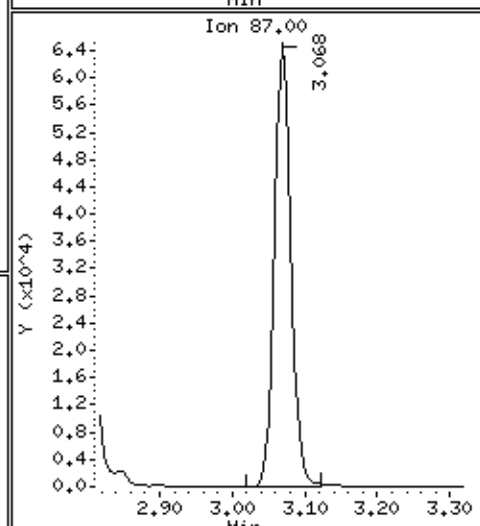
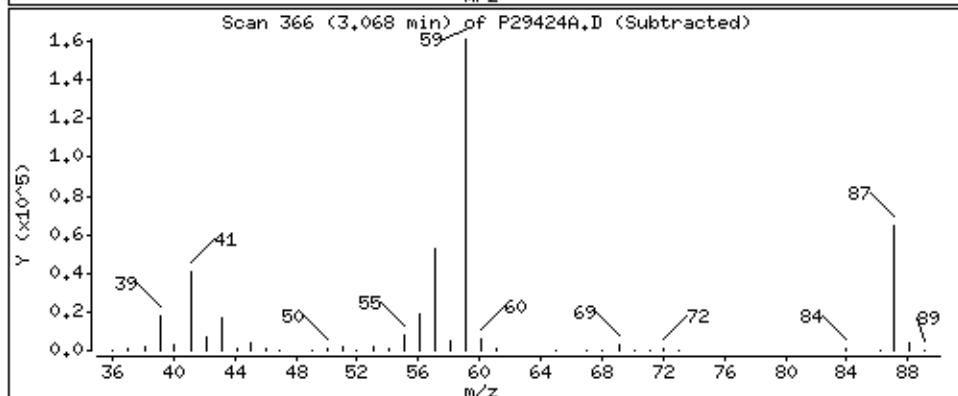
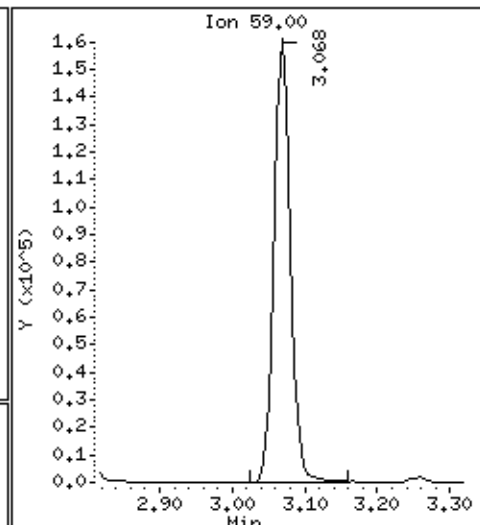
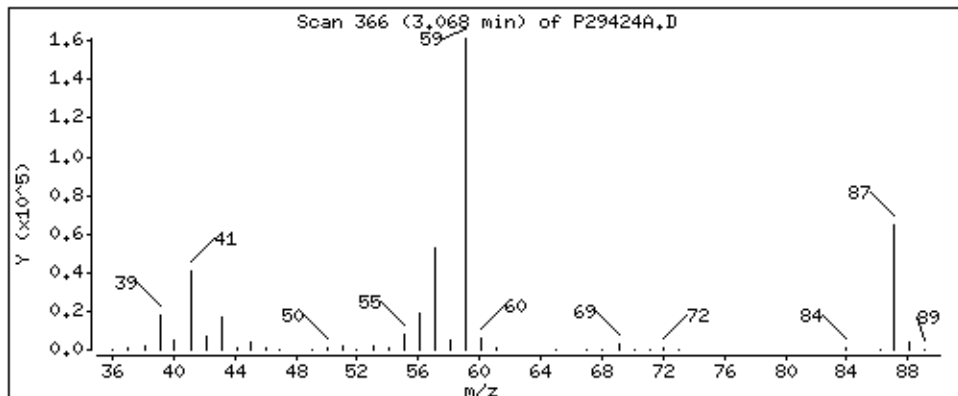
Review Code:



34 Ethyl-tert-butyl ether

Concentration: 44.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

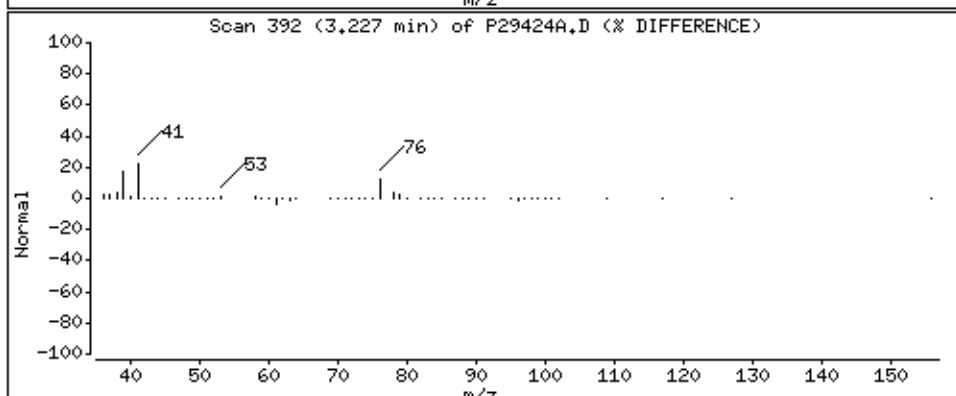
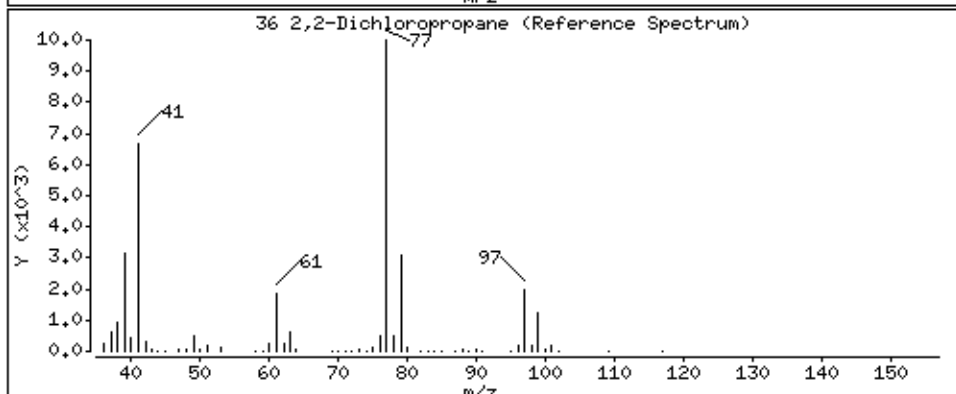
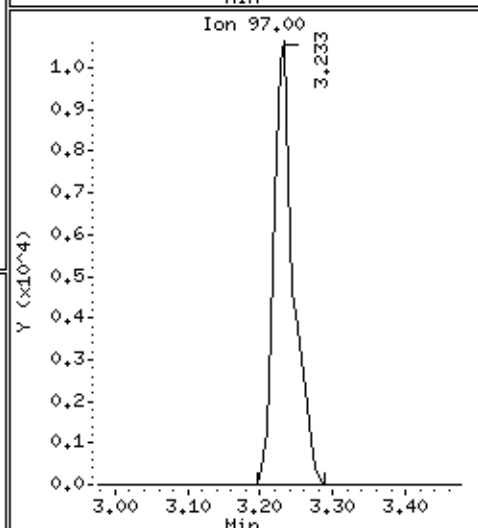
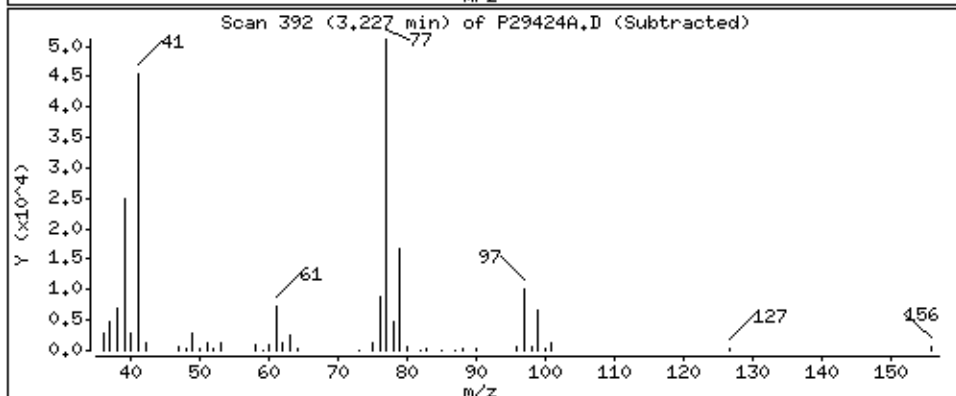
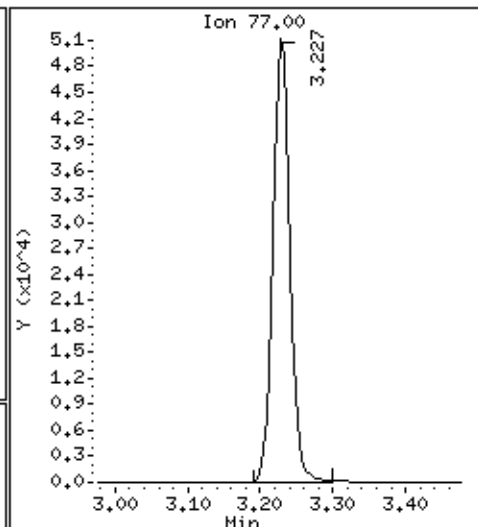
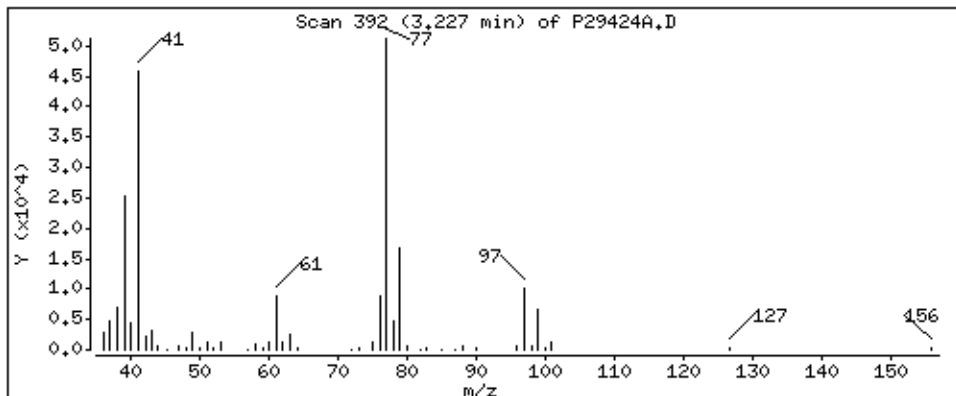
Column phase: RTX-624

Column diameter: 0,18

36 2,2-Dichloropropane

Concentration: 29.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

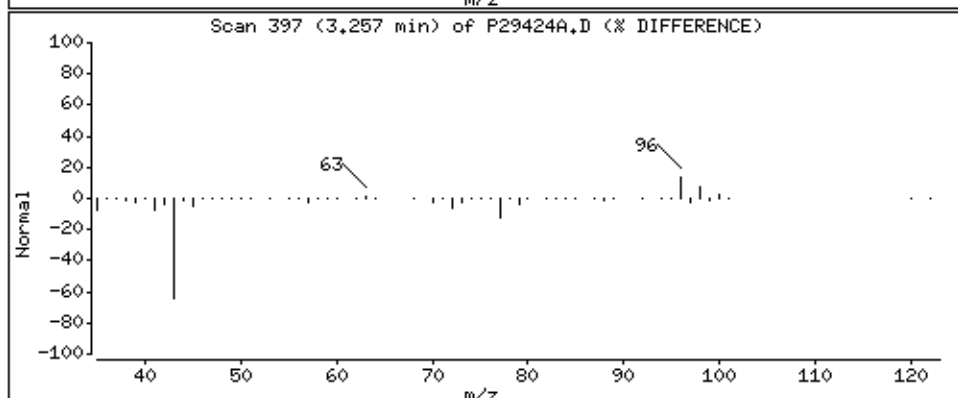
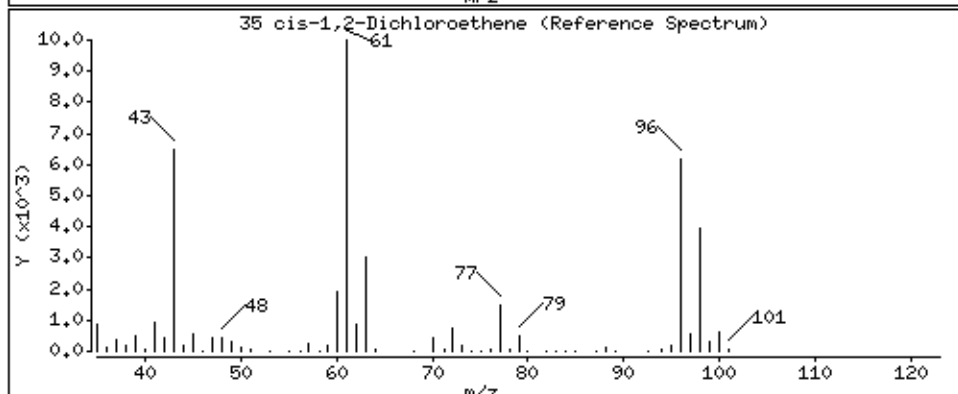
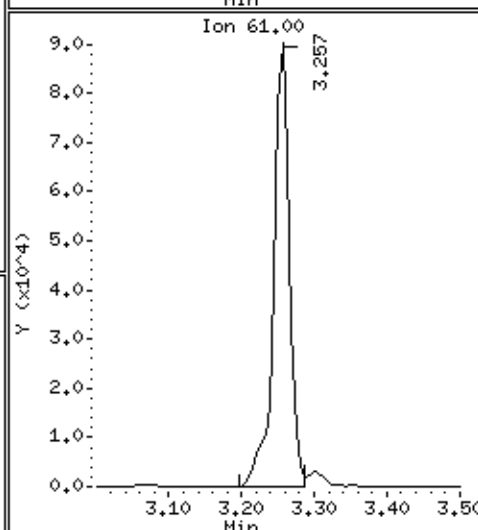
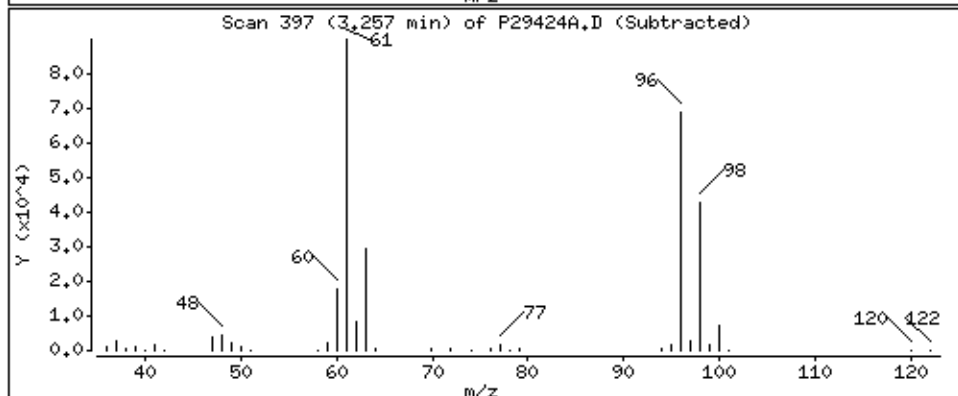
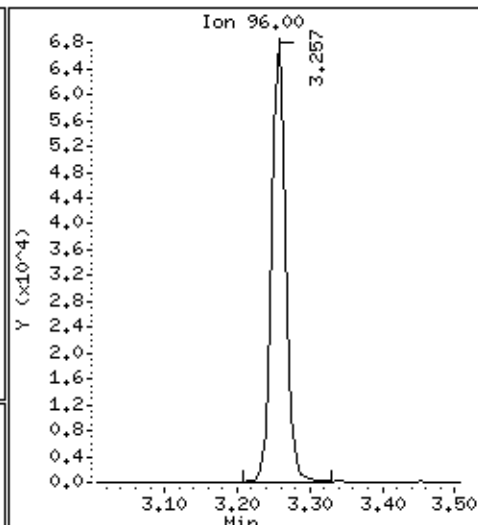
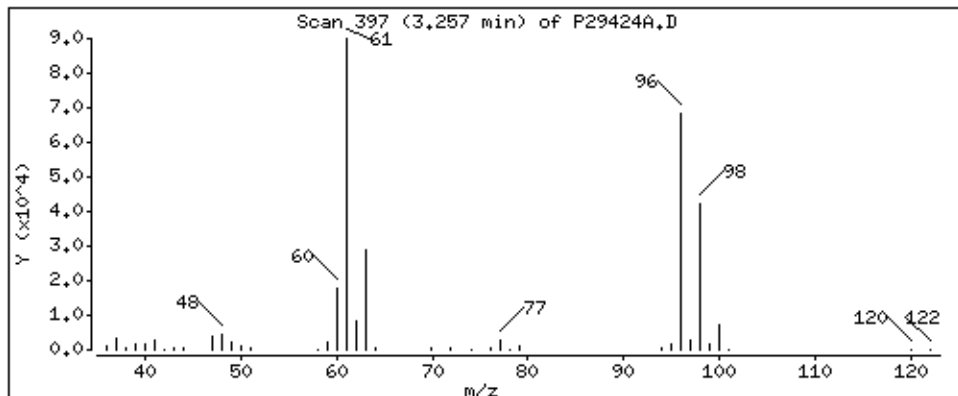
Column phase: RTX-624

Column diameter: 0,18

35 cis-1,2-Dichloroethene

Concentration: 46,5 ug/L

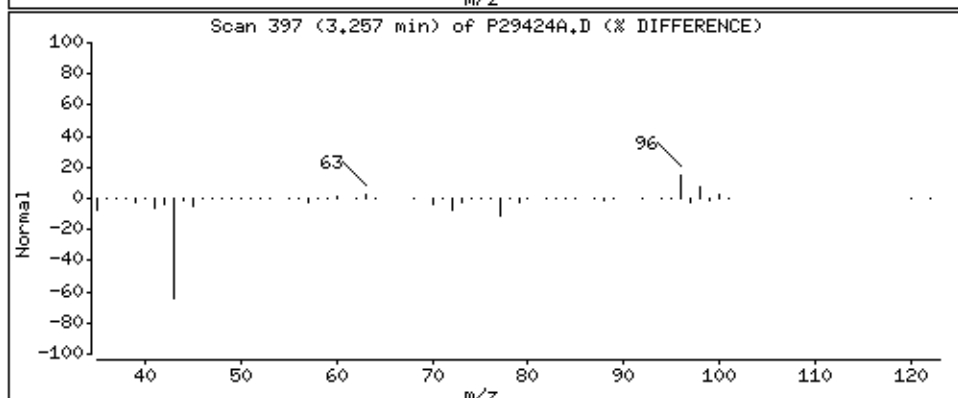
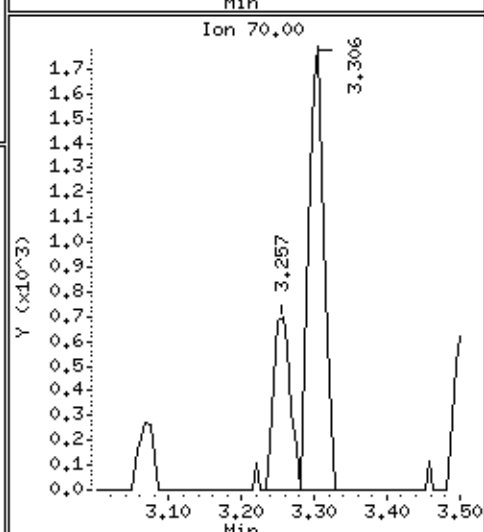
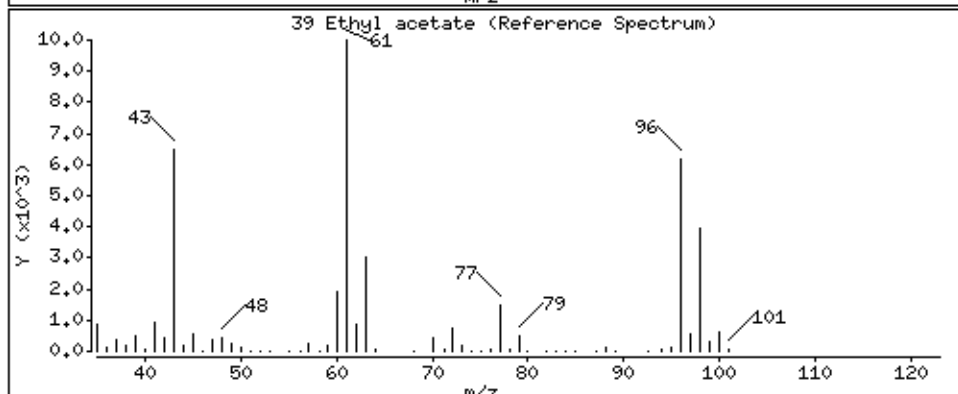
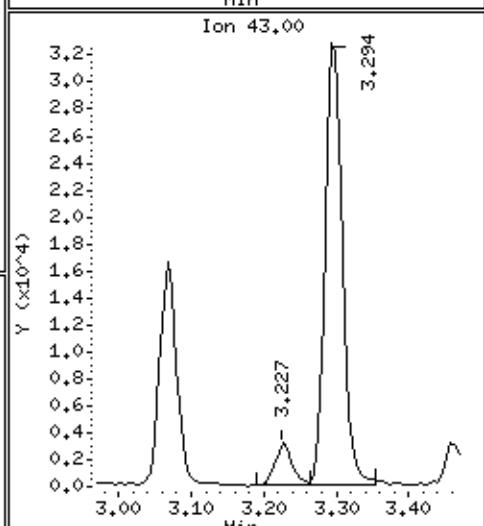
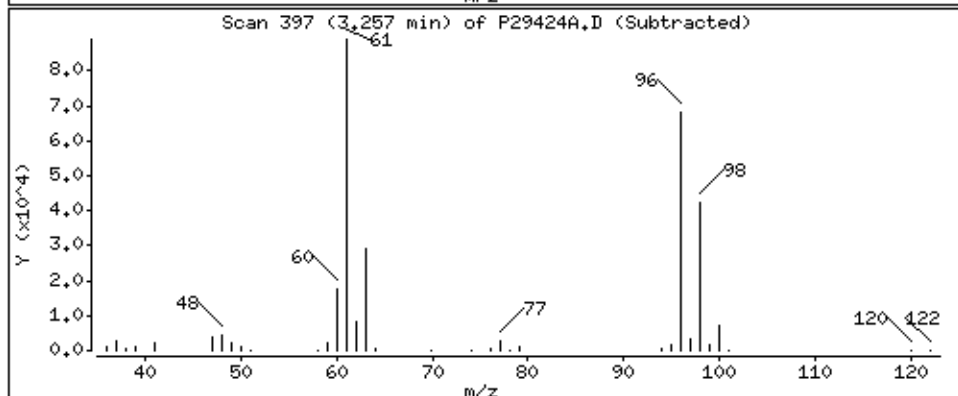
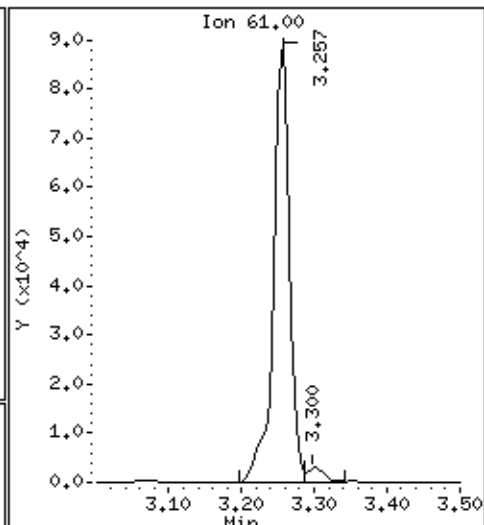
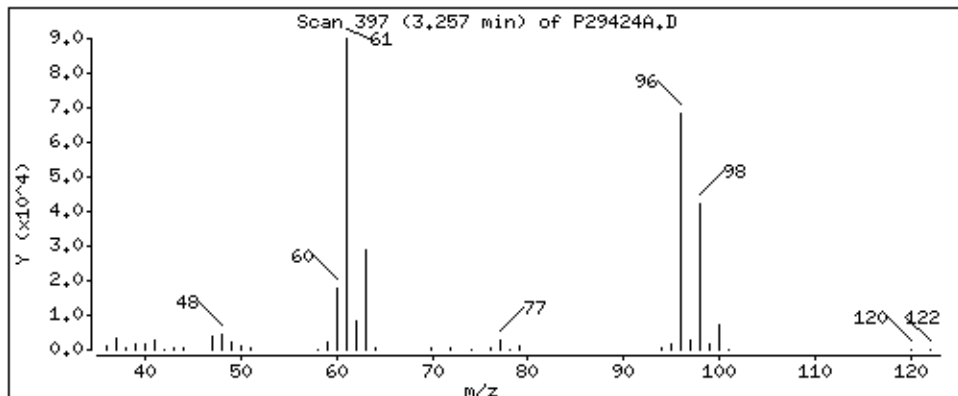
Review Code:



39 Ethyl acetate

Concentration: 47,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

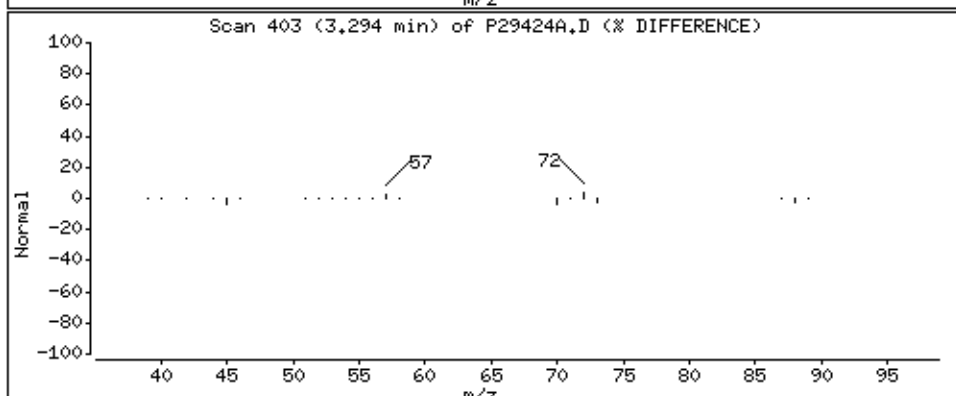
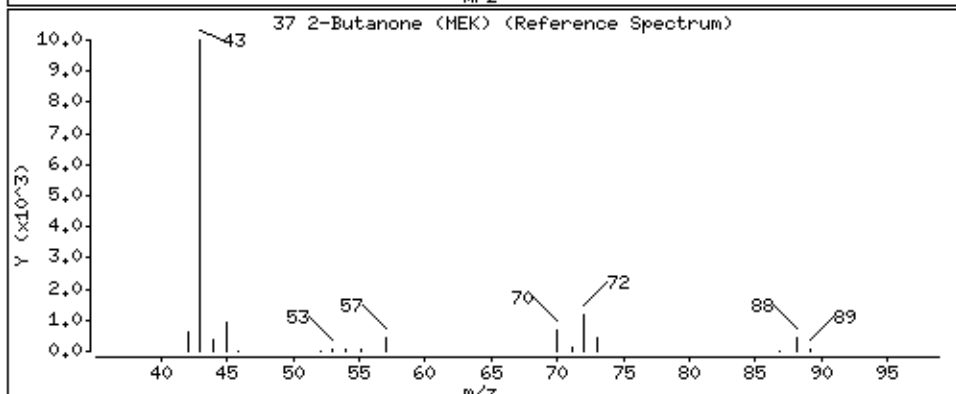
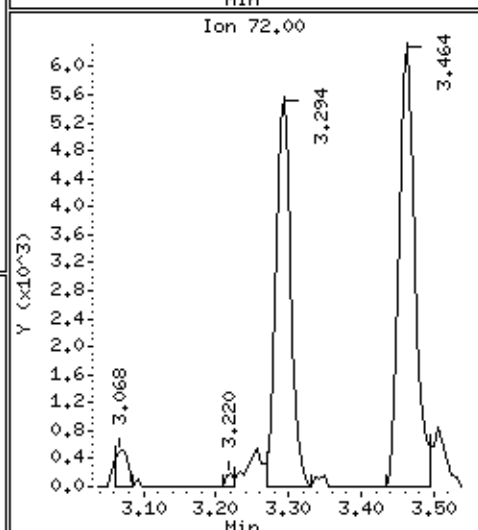
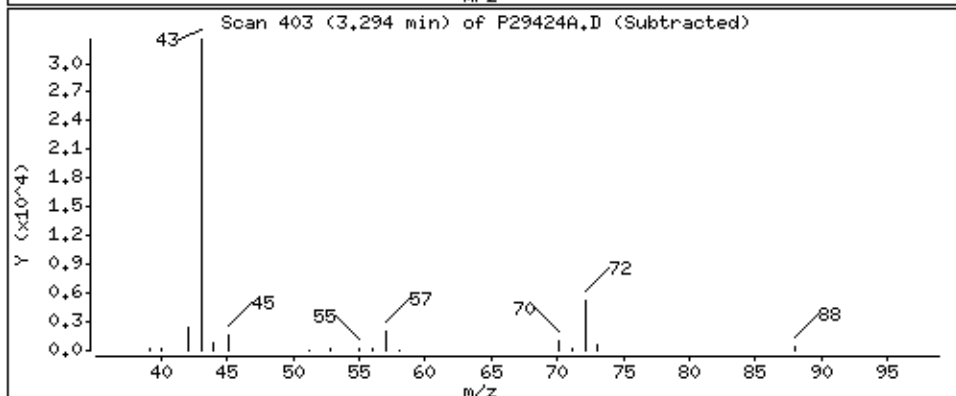
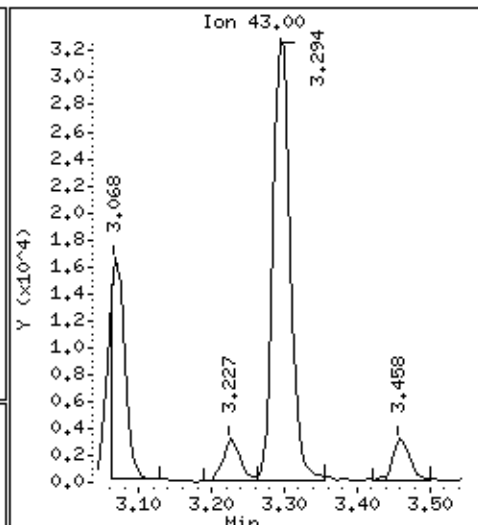
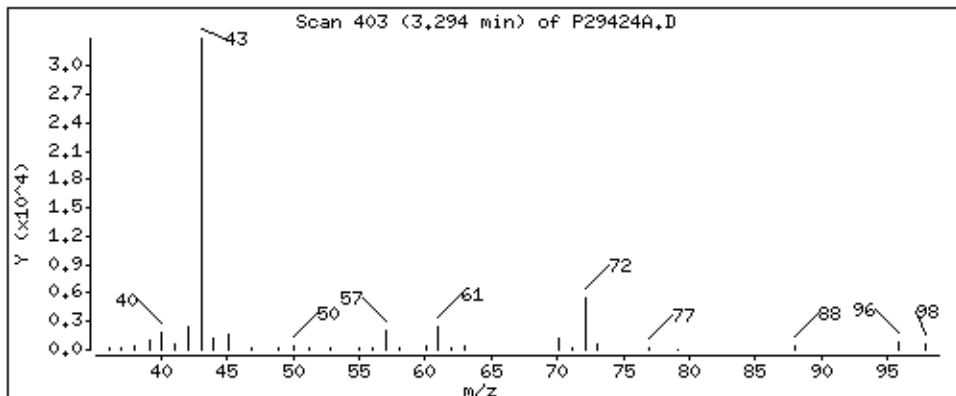
Column phase: RTX-624

Column diameter: 0,18

37 2-Butanone (MEK)

Concentration: 32.7 ug/L

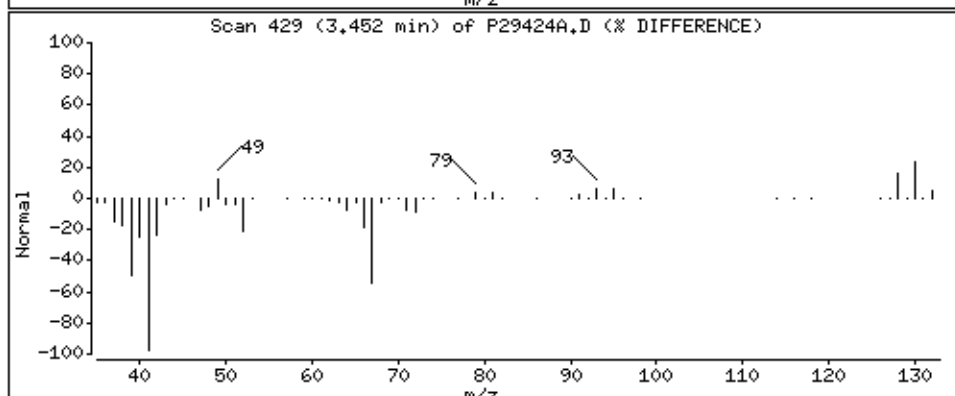
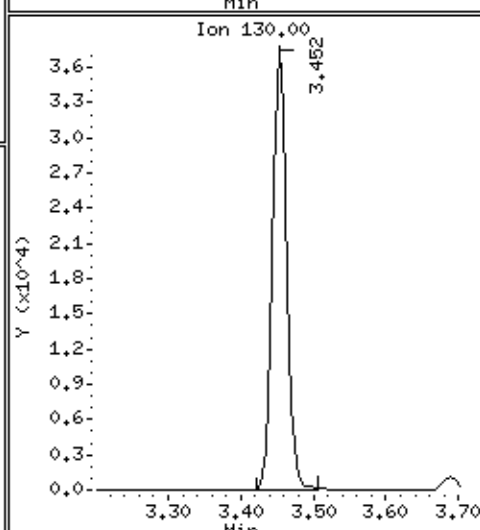
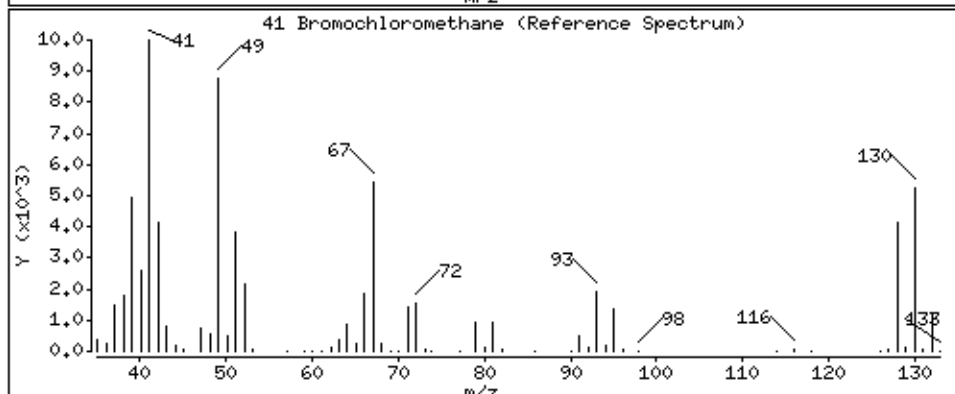
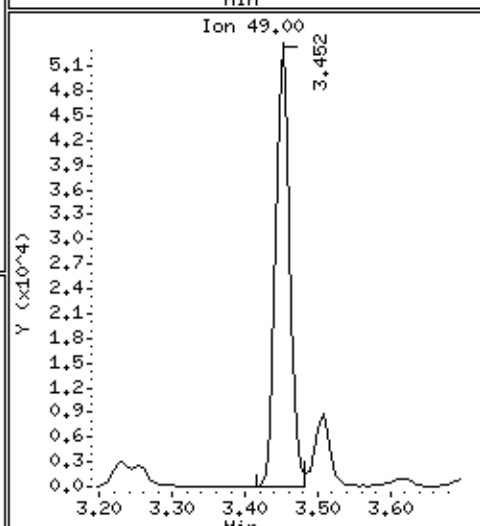
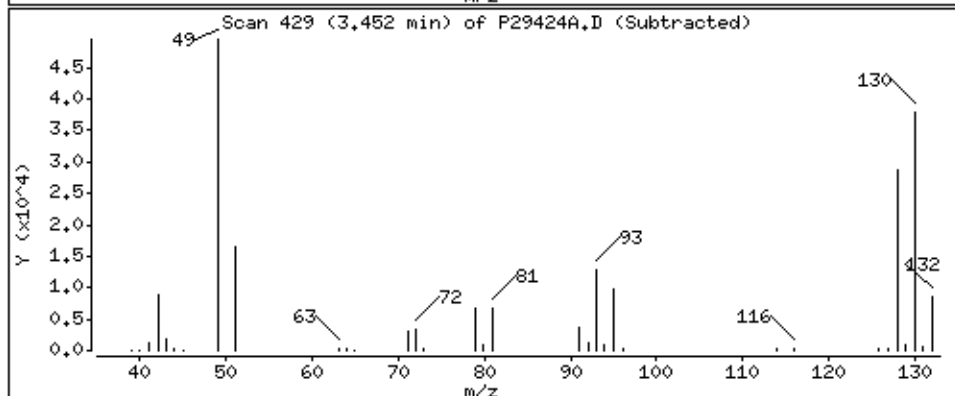
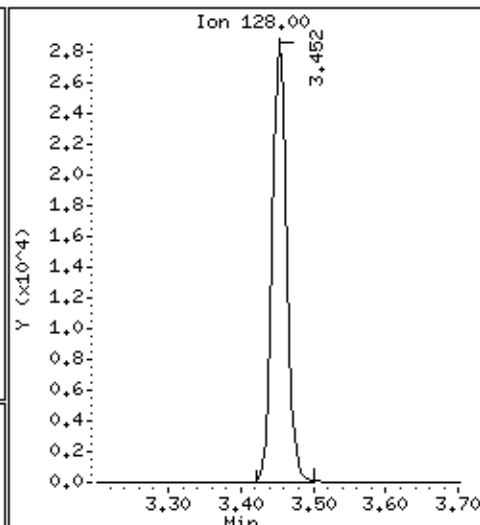
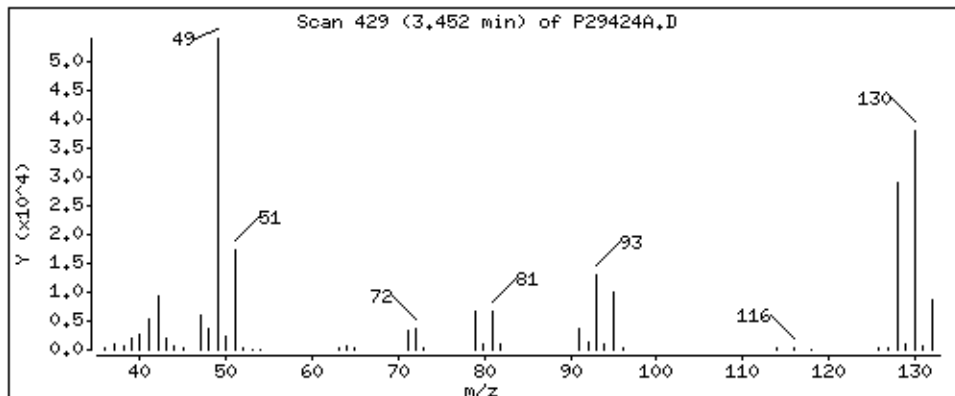
Review Code:



41 Bromochloromethane

Concentration: 46,6 ug/L

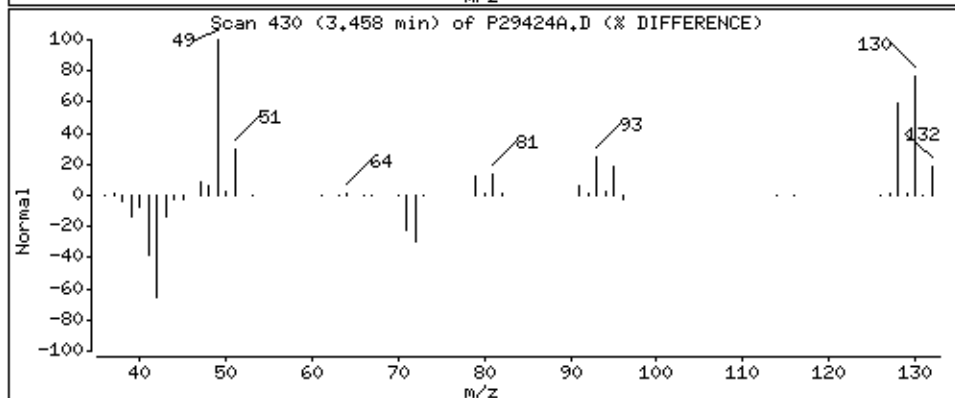
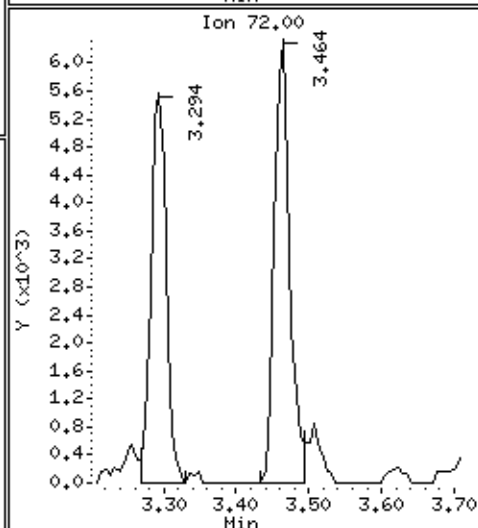
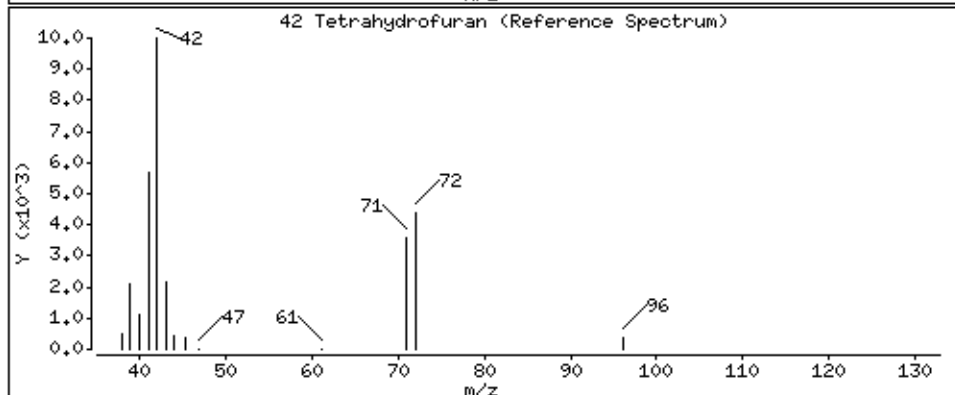
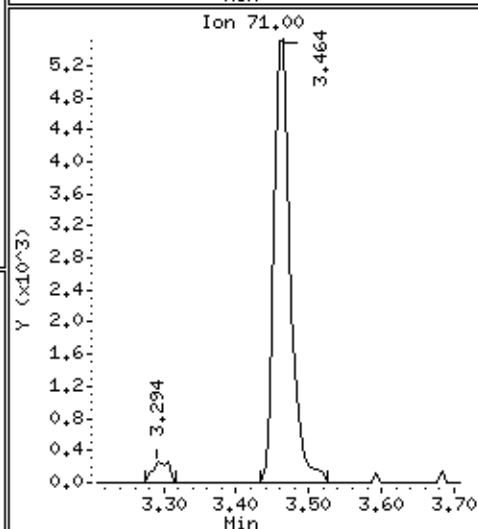
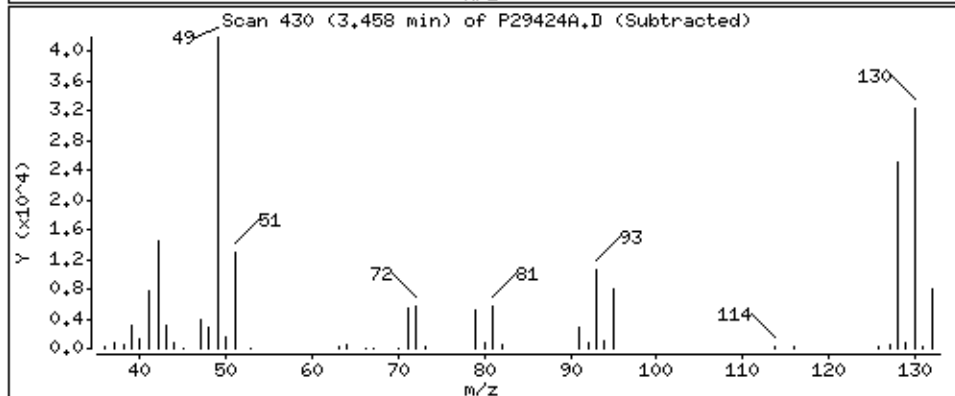
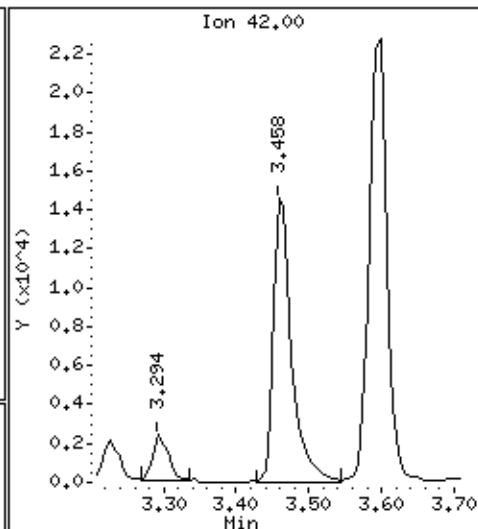
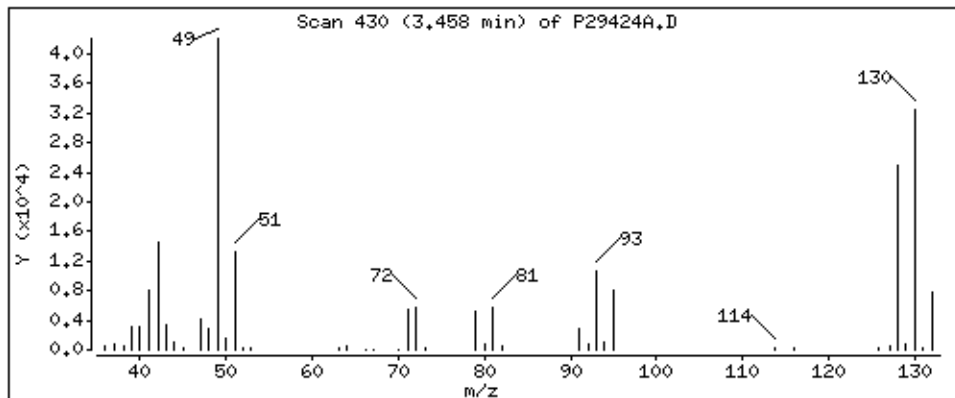
Review Code:



42 Tetrahydrofuran

Concentration: 63,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

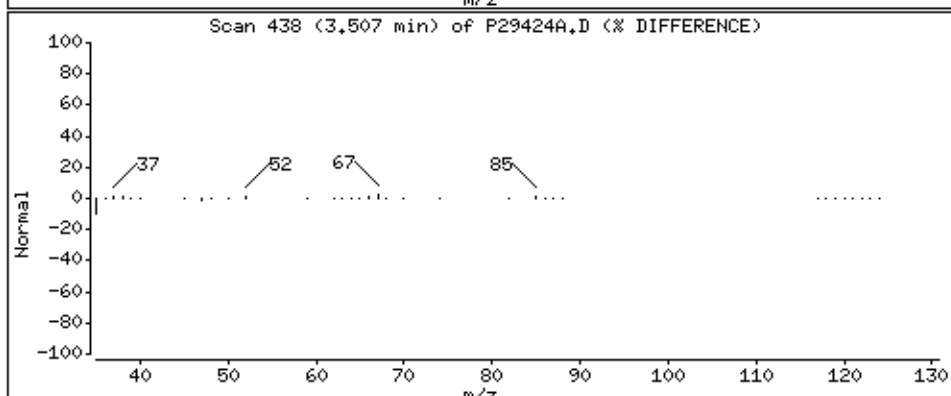
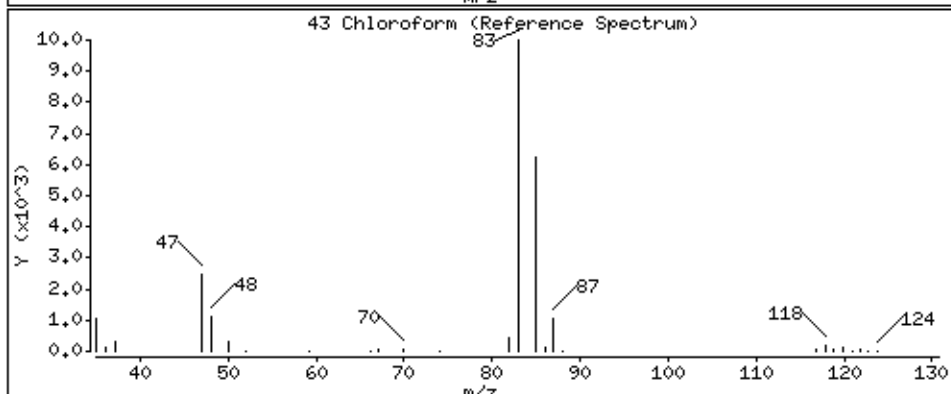
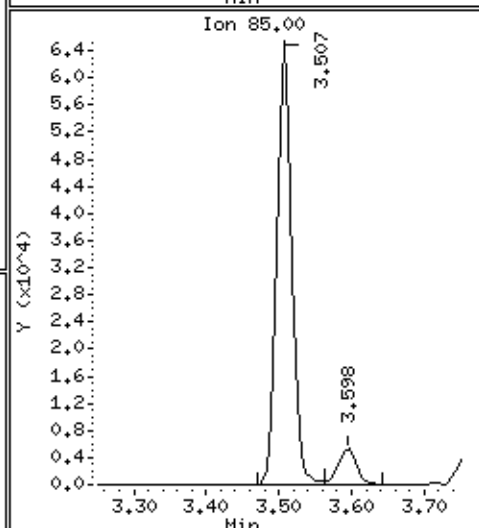
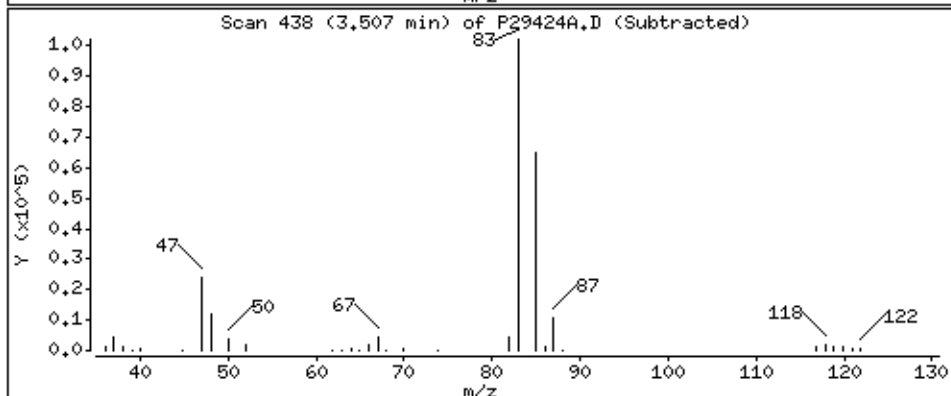
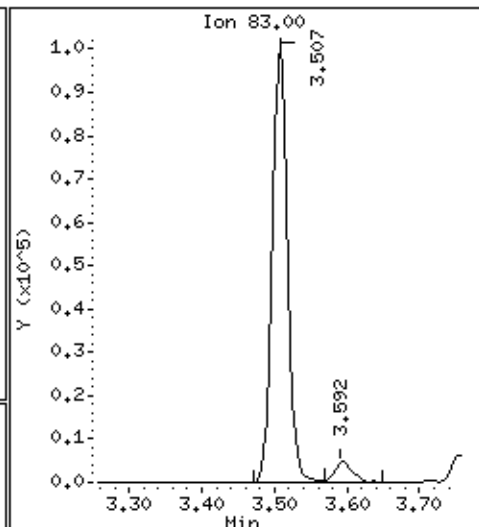
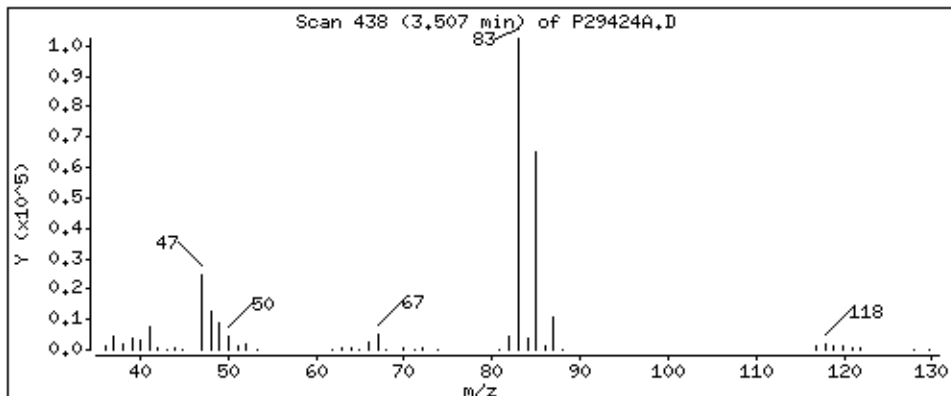
Column phase: RTX-624

Column diameter: 0,18

43 Chloroform

Concentration: 46,1 ug/L

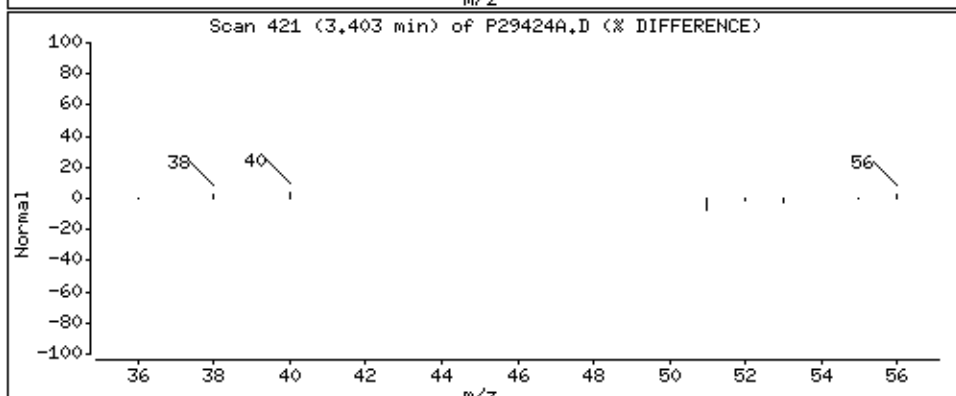
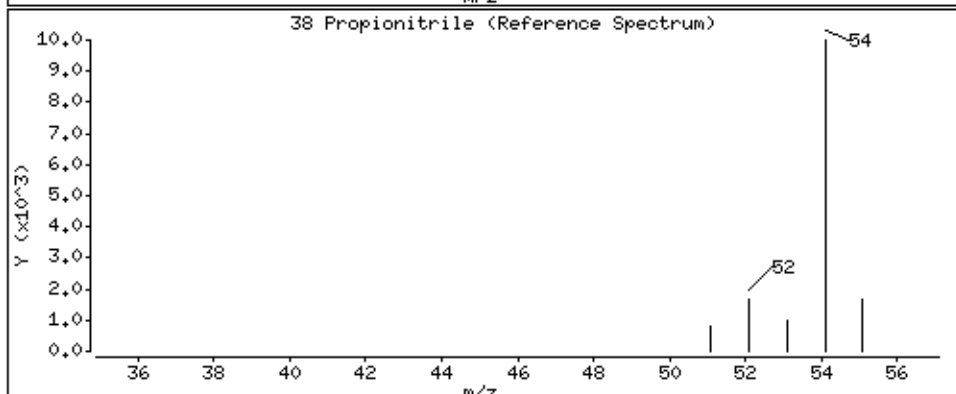
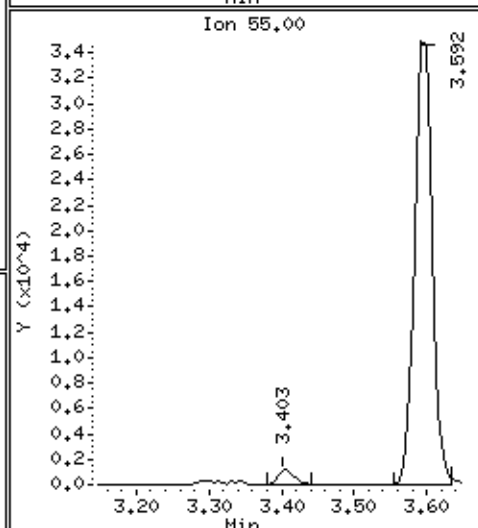
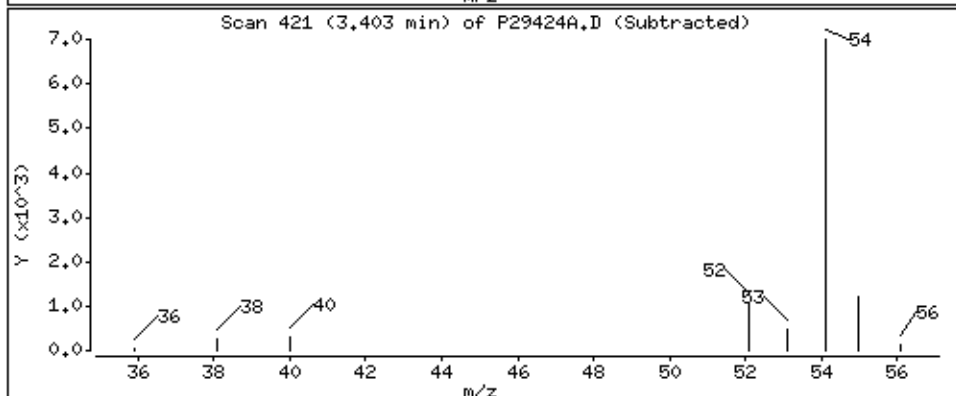
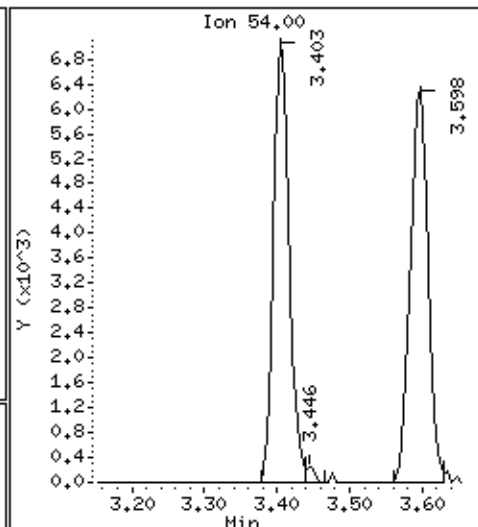
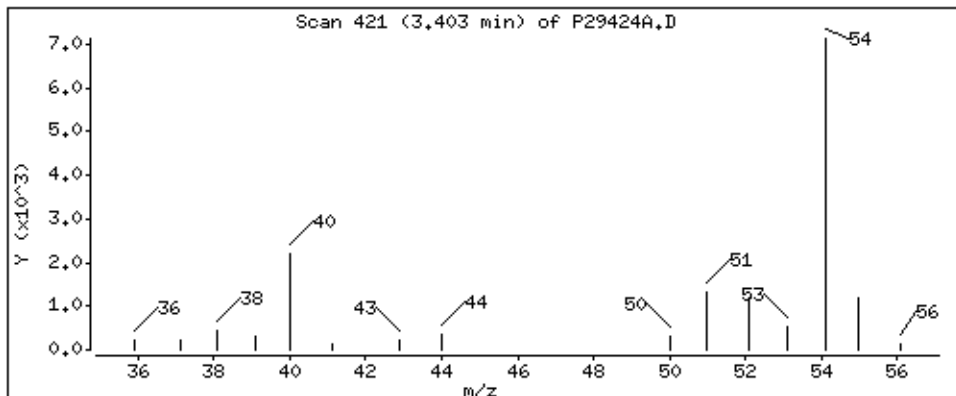
Review Code:



38 Propionitrile

Concentration: 55,4 ug/L

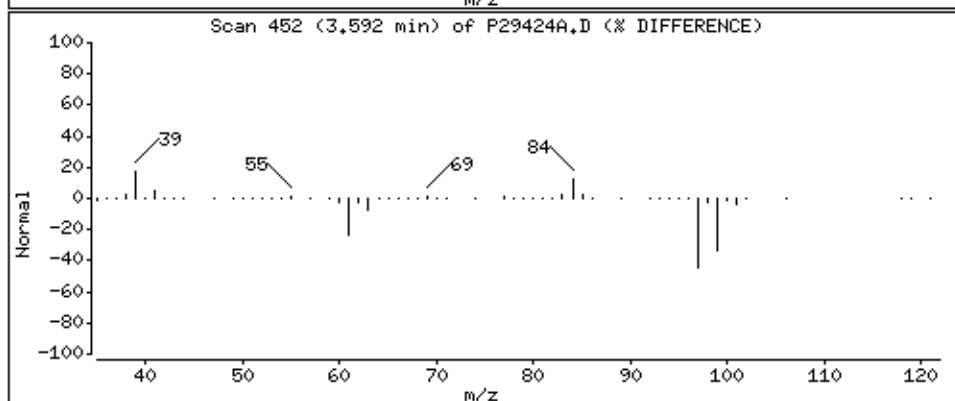
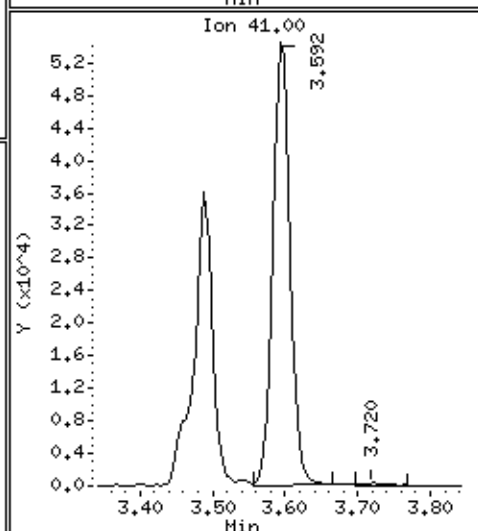
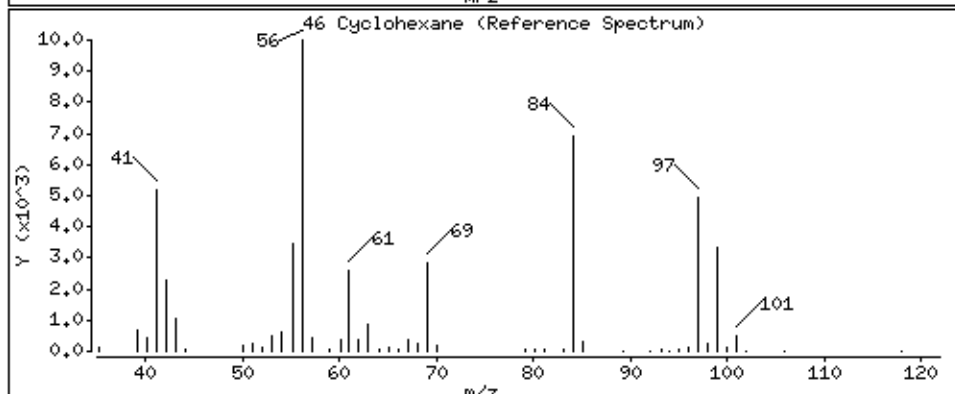
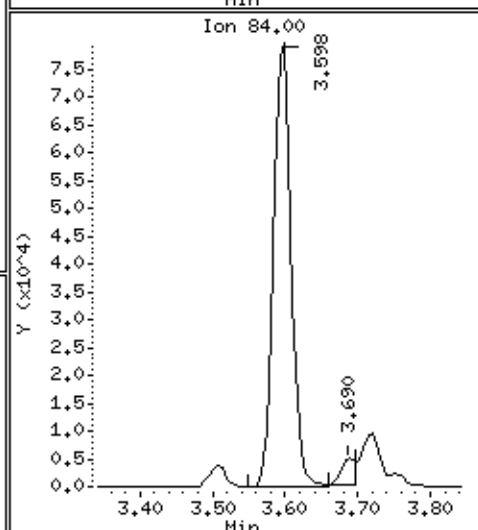
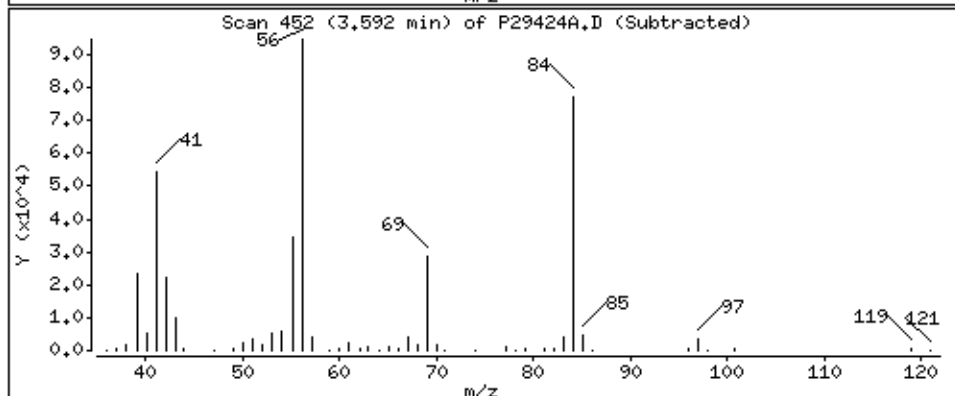
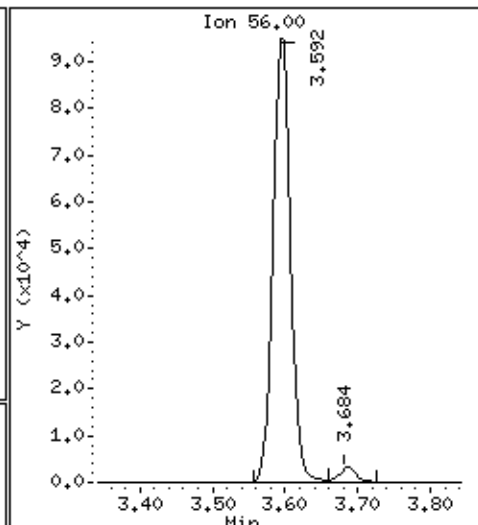
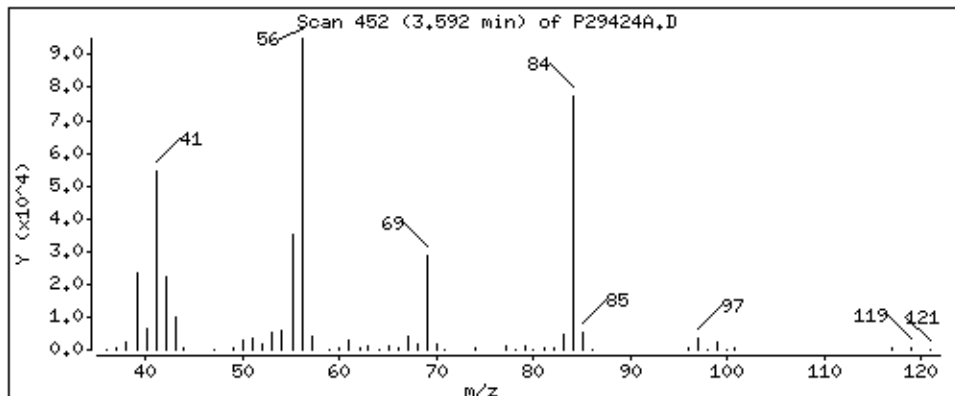
Review Code:



46 Cyclohexane

Concentration: 49,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

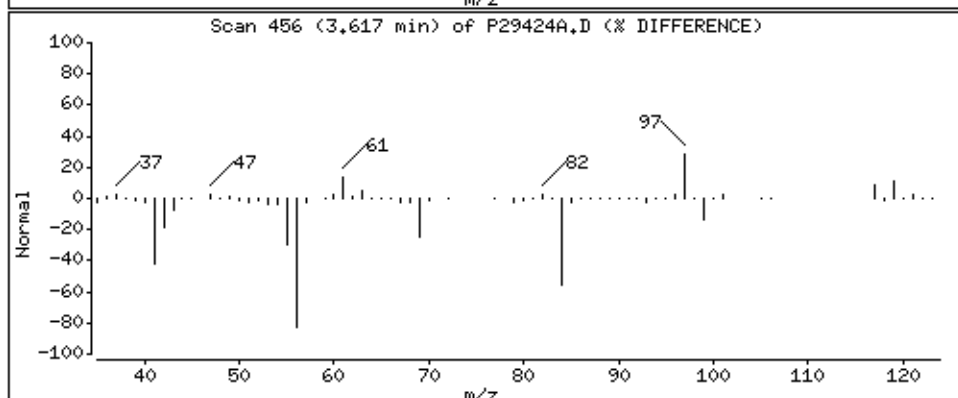
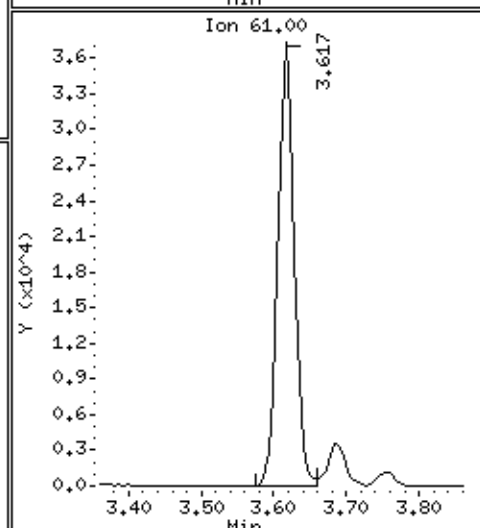
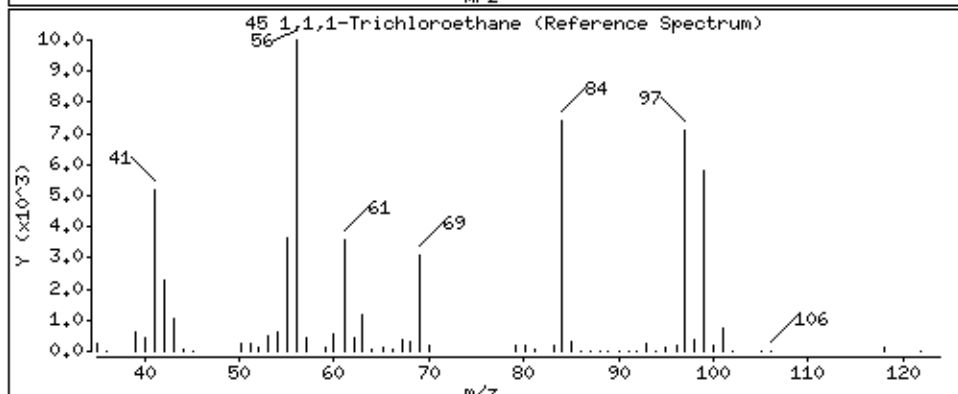
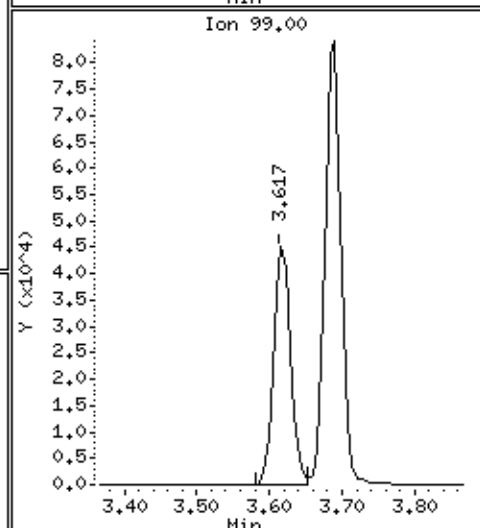
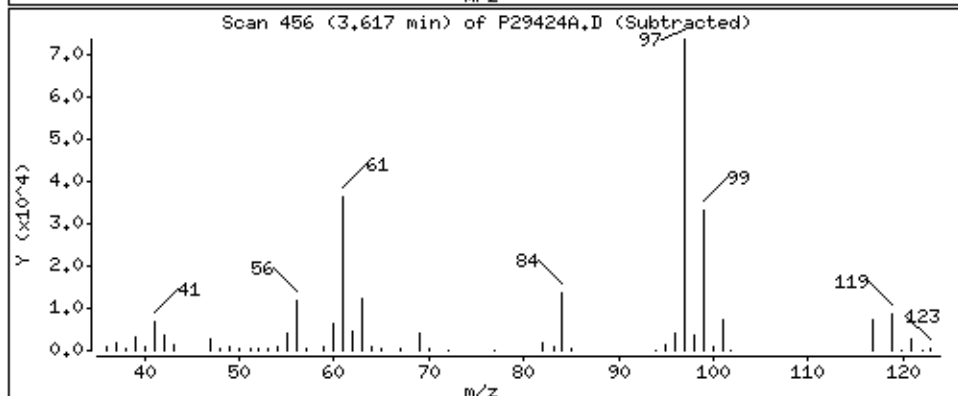
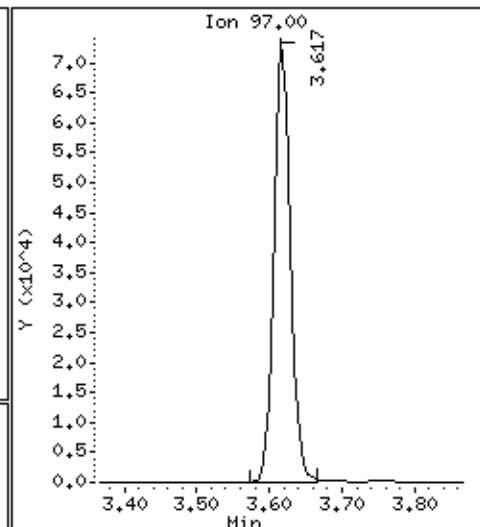
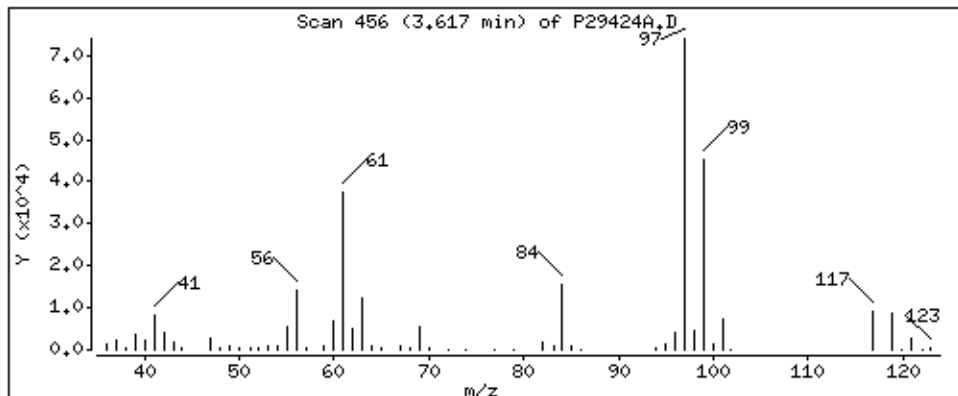
Column phase: RTX-624

Column diameter: 0,18

45 1,1,1-Trichloroethane

Concentration: 41.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

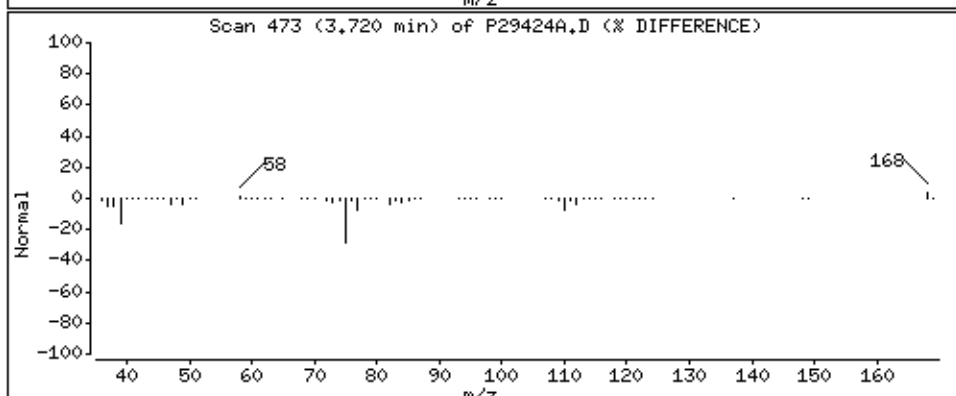
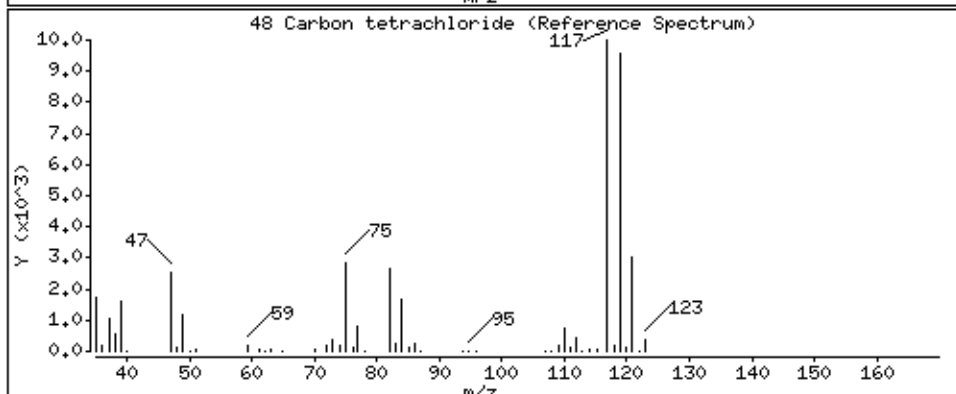
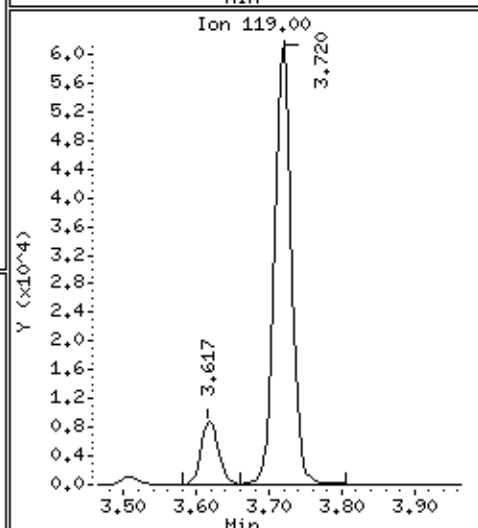
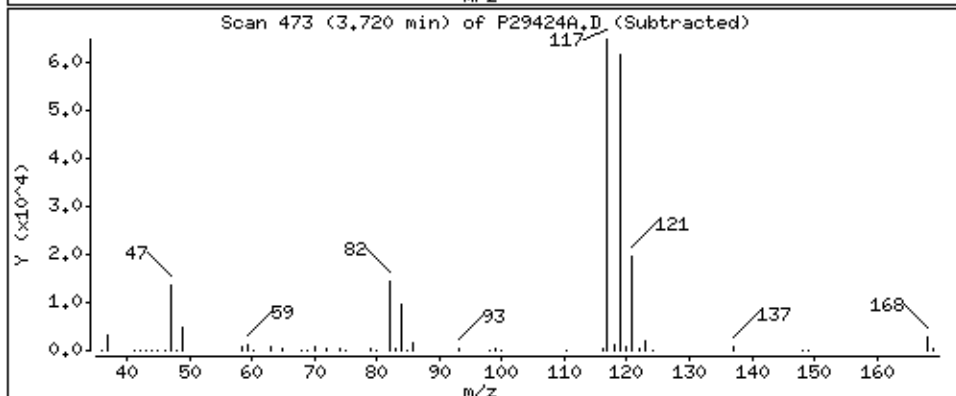
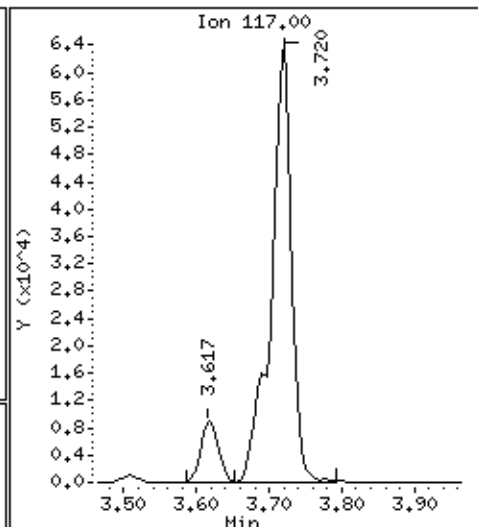
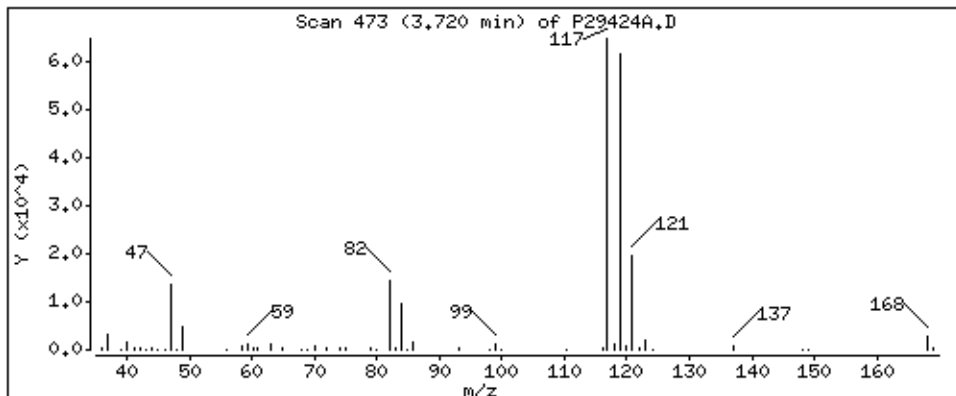
Column phase: RTX-624

Column diameter: 0,18

48 Carbon tetrachloride

Concentration: 47.7 ug/L

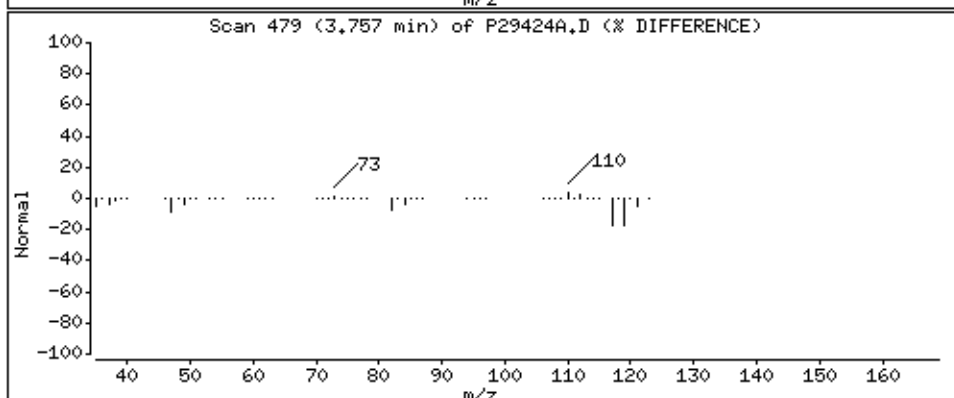
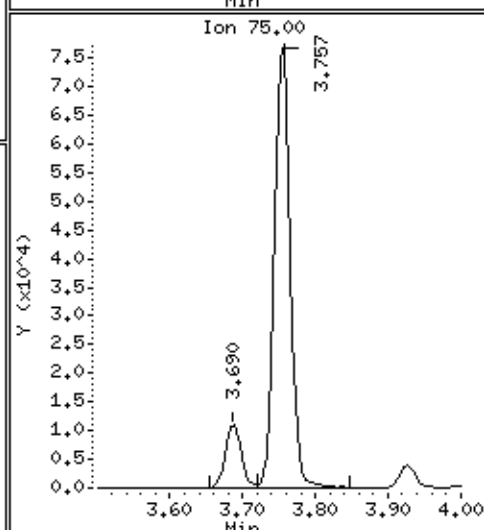
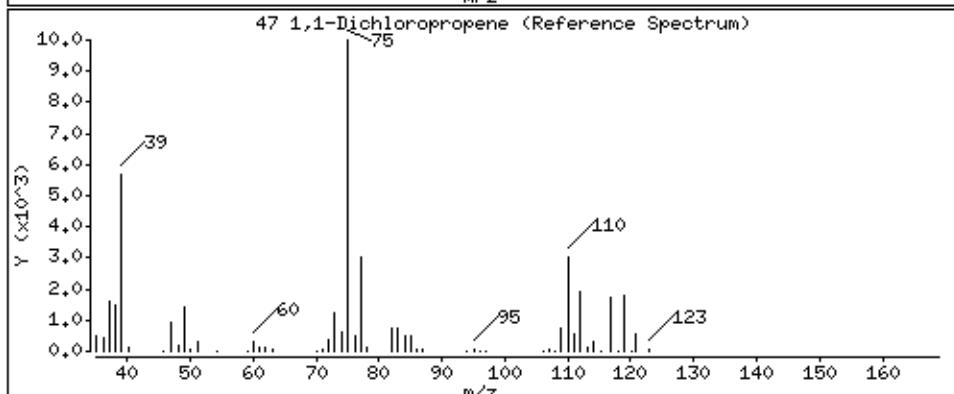
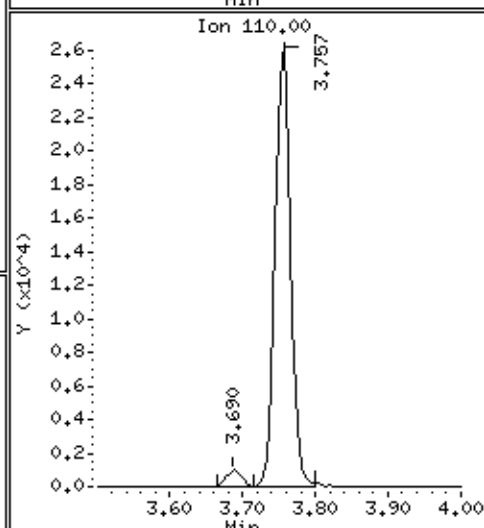
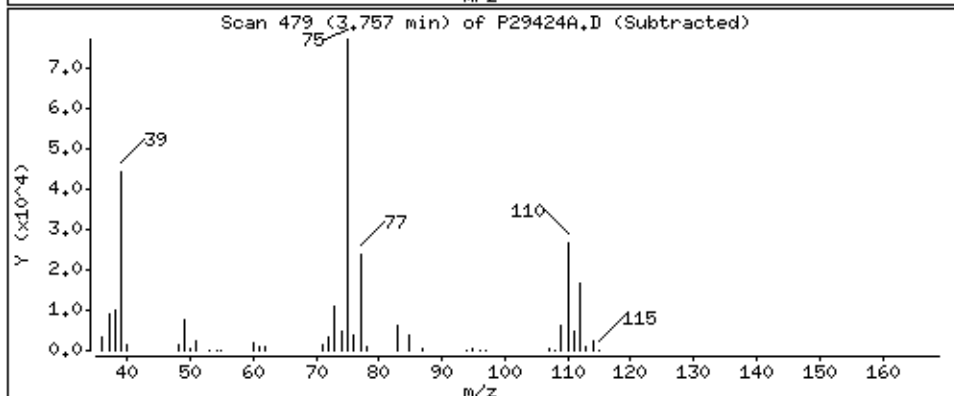
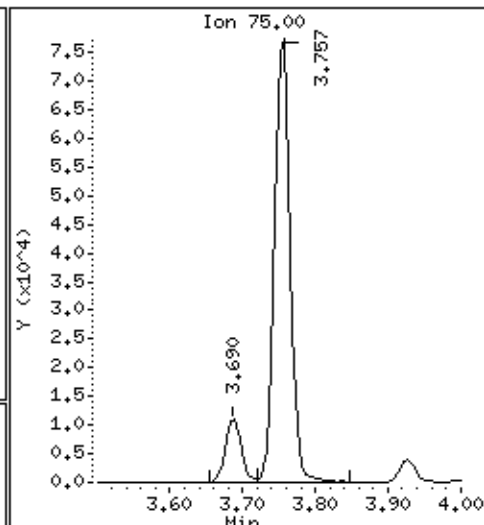
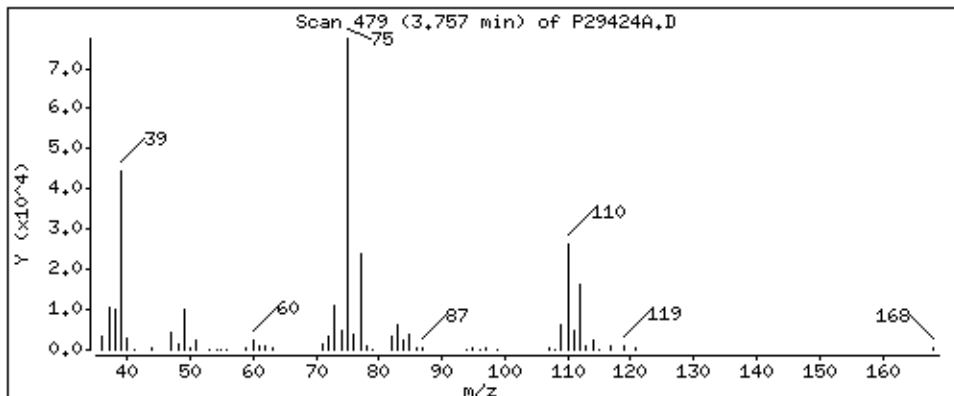
Review Code:



47 1,1-Dichloropropene

Concentration: 49.0 ug/L

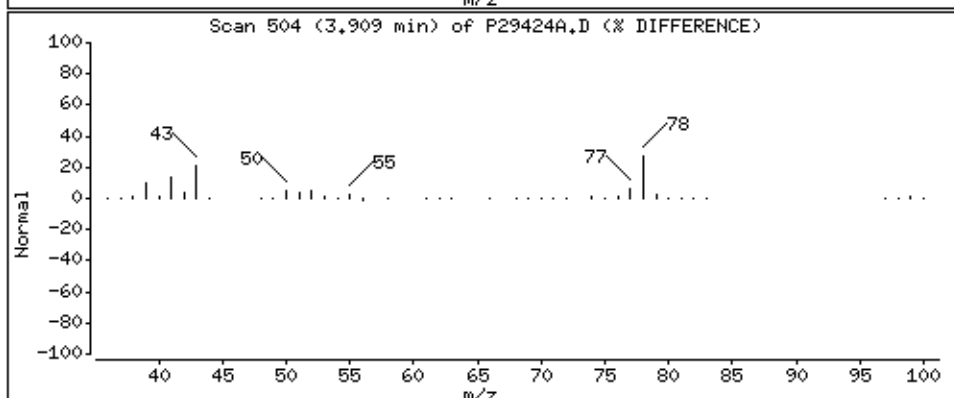
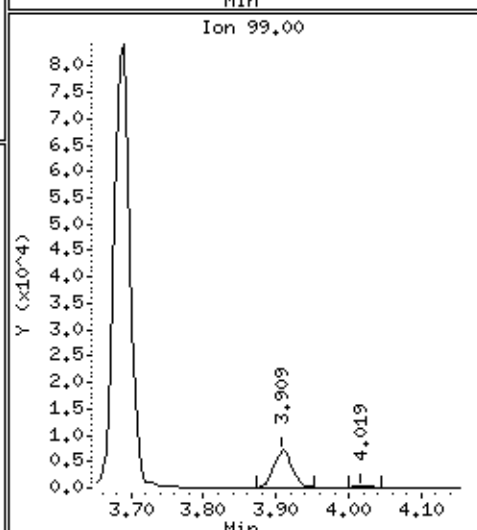
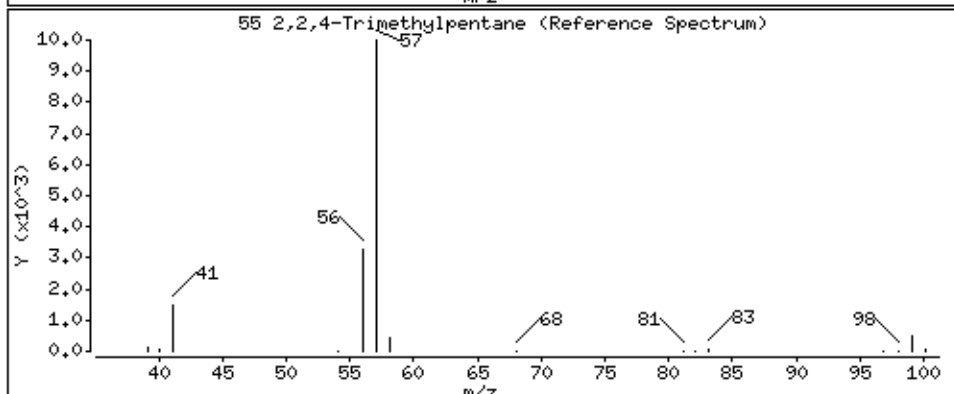
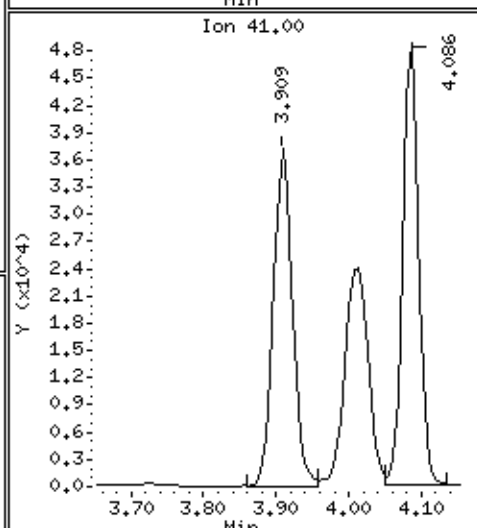
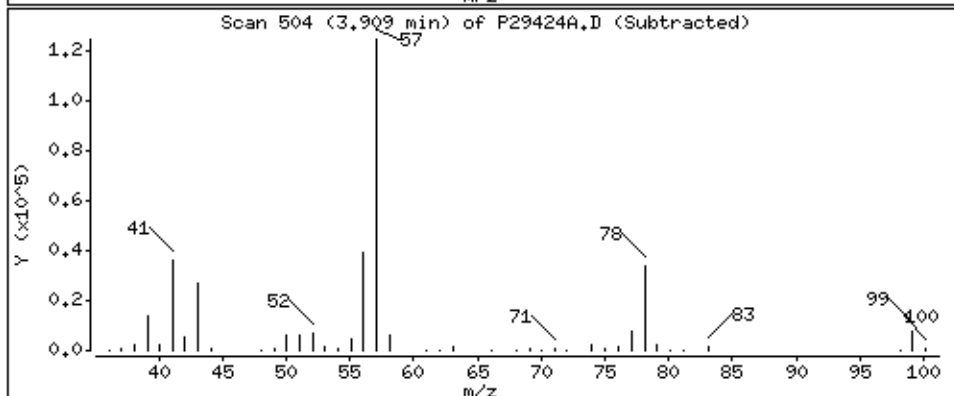
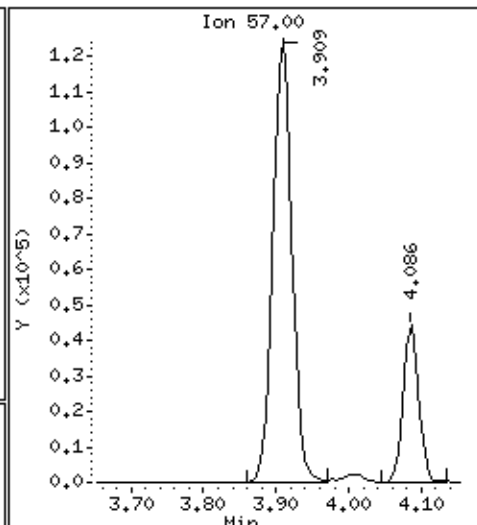
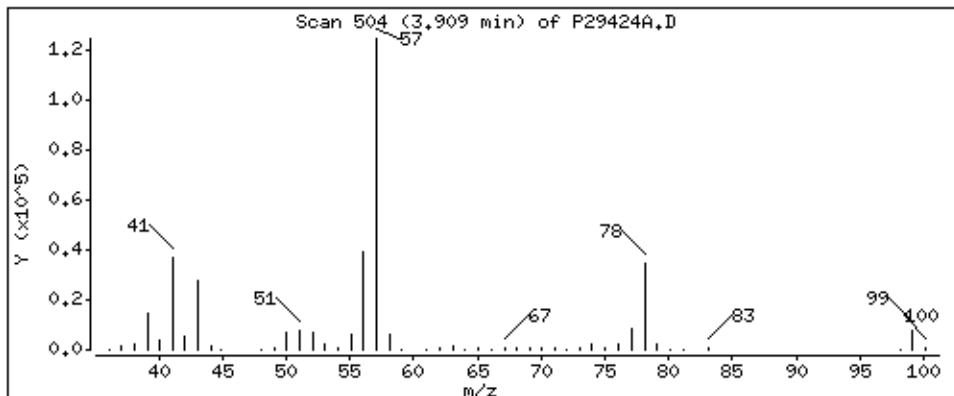
Review Code:



55 2,2,4-Trimethylpentane

Concentration: 48.7 ug/L

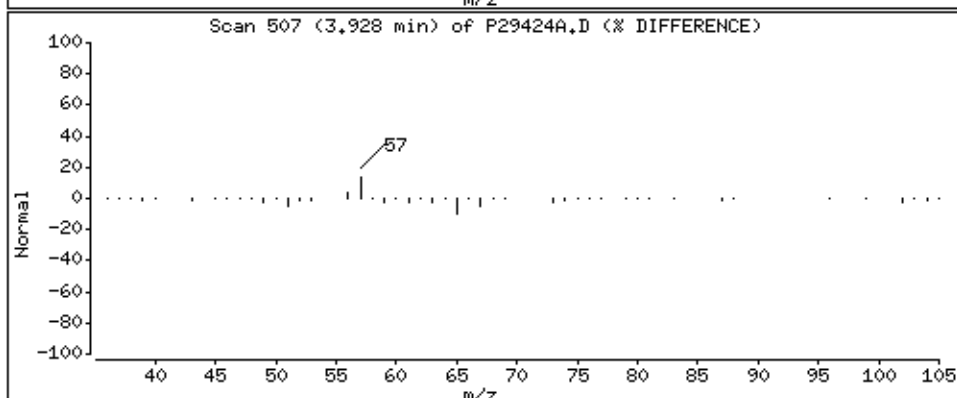
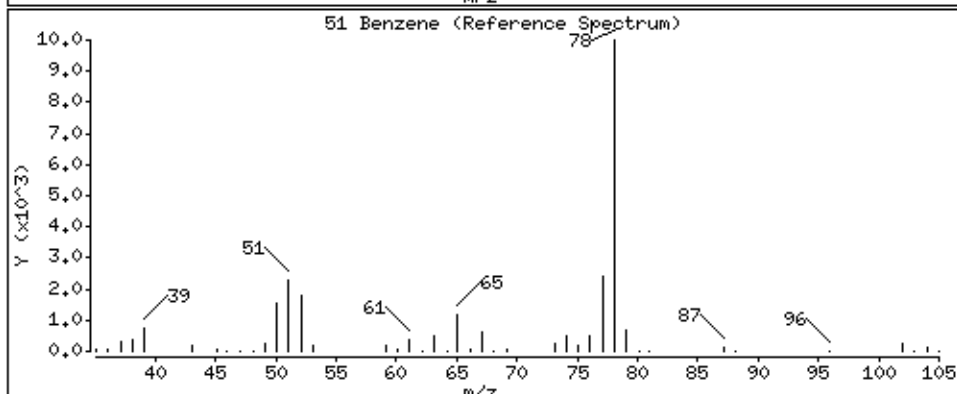
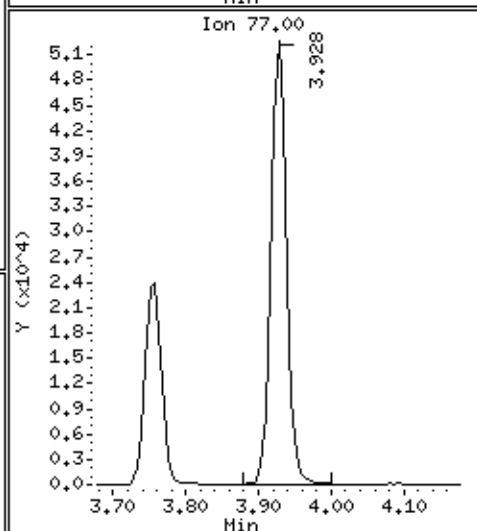
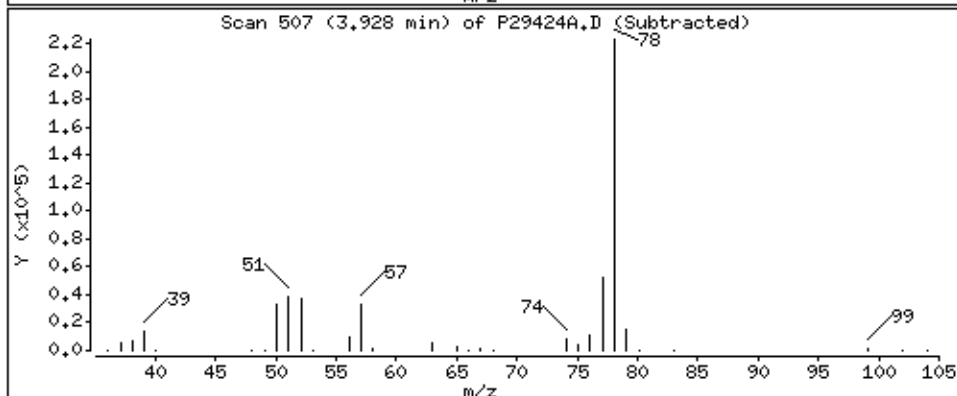
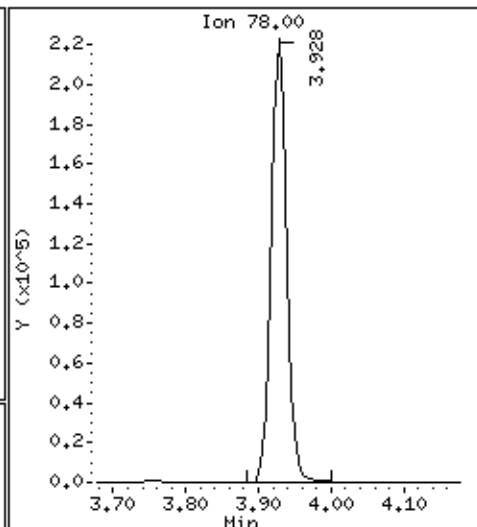
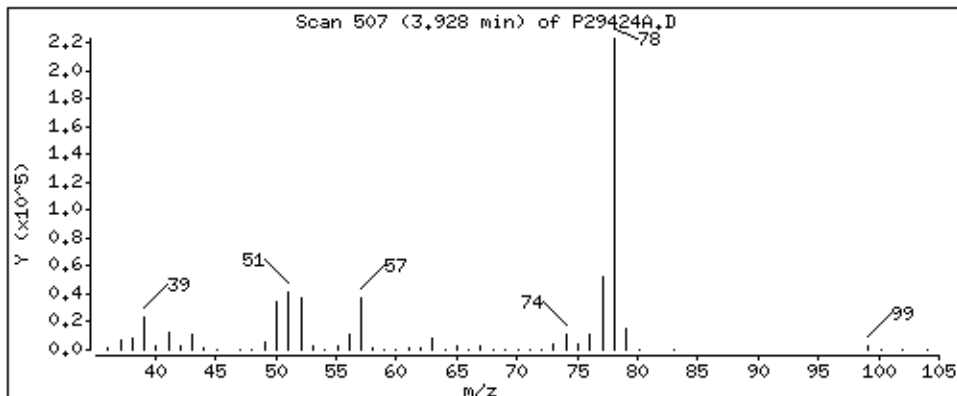
Review Code:



51 Benzene

Concentration: 49,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

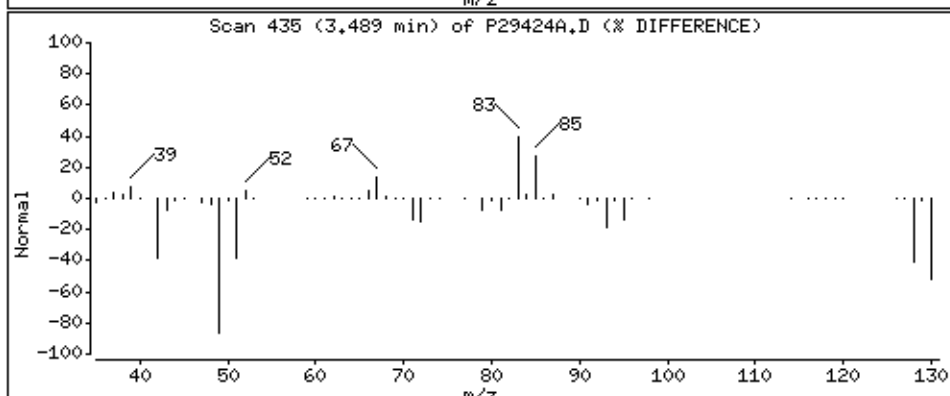
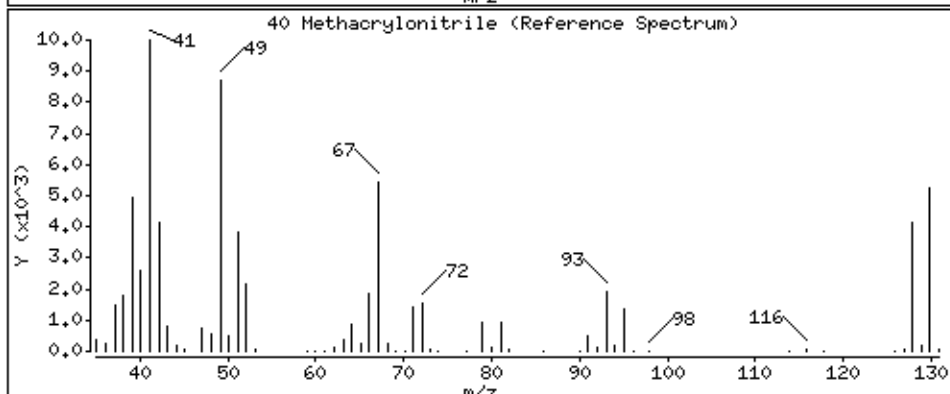
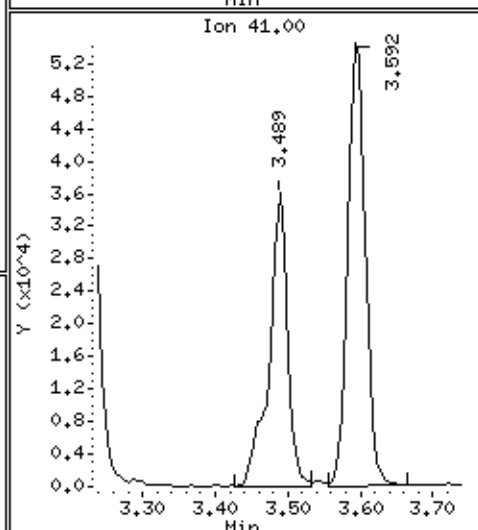
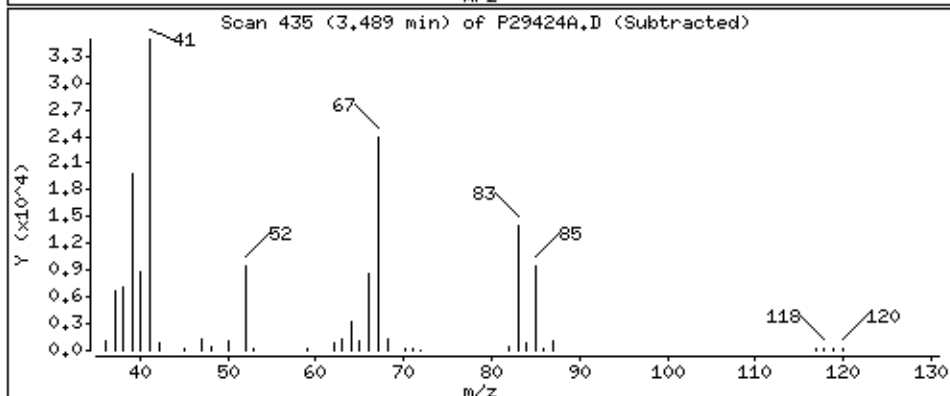
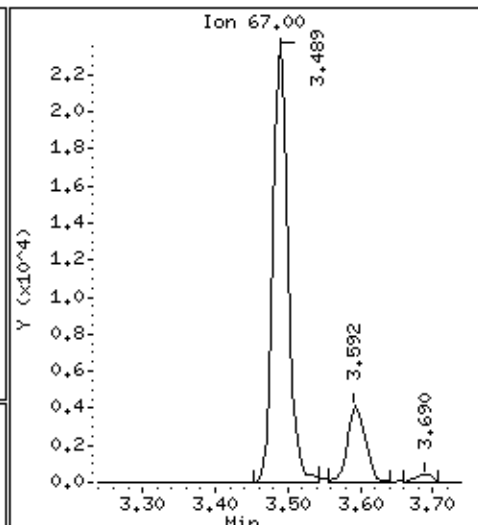
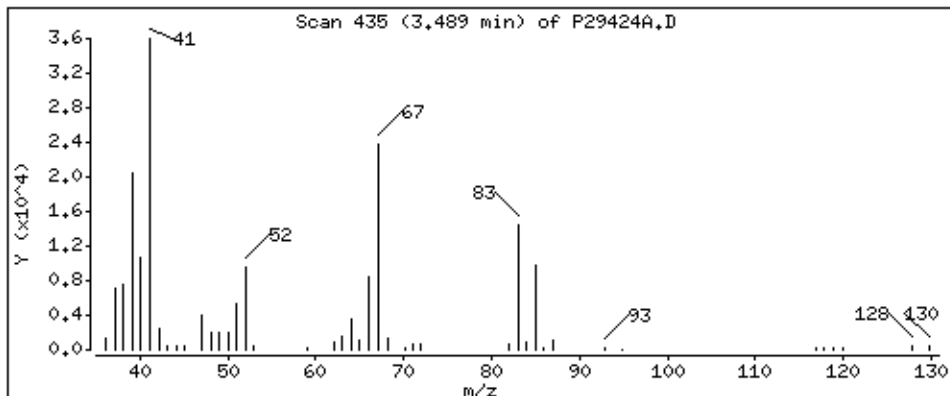
Column phase: RTX-624

Column diameter: 0,18

40 Methacrylonitrile

Concentration: 51.3 ug/L

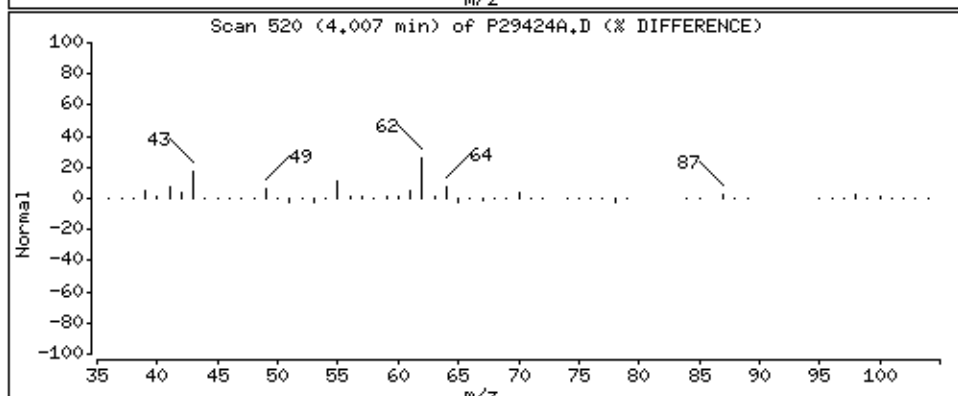
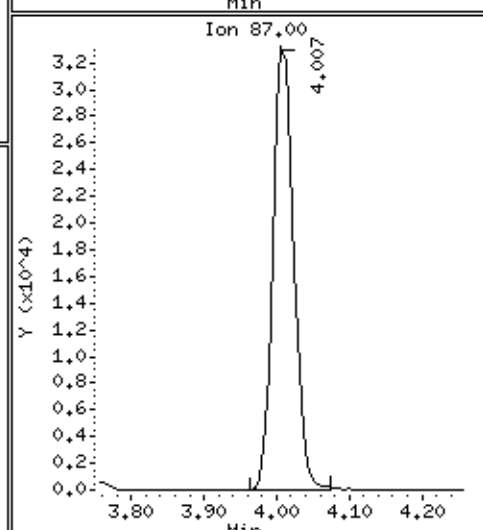
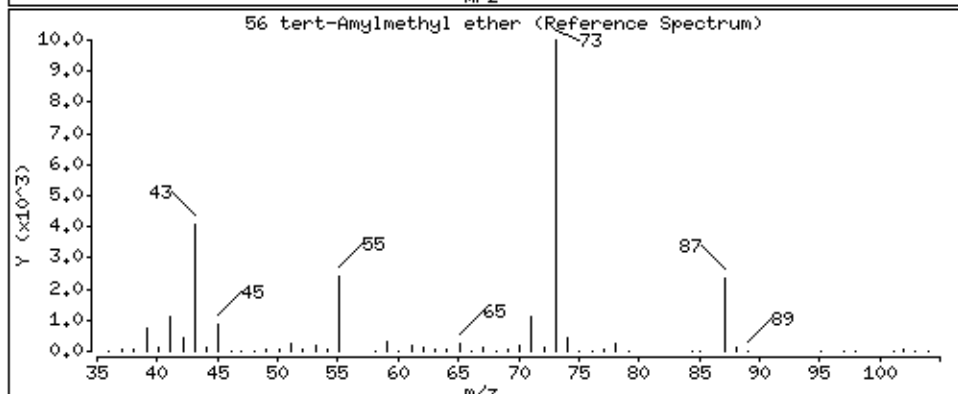
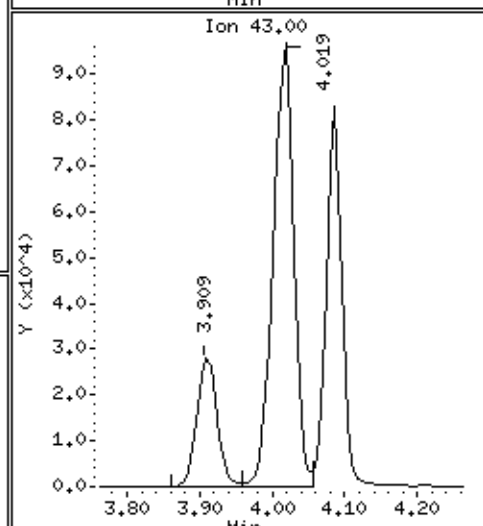
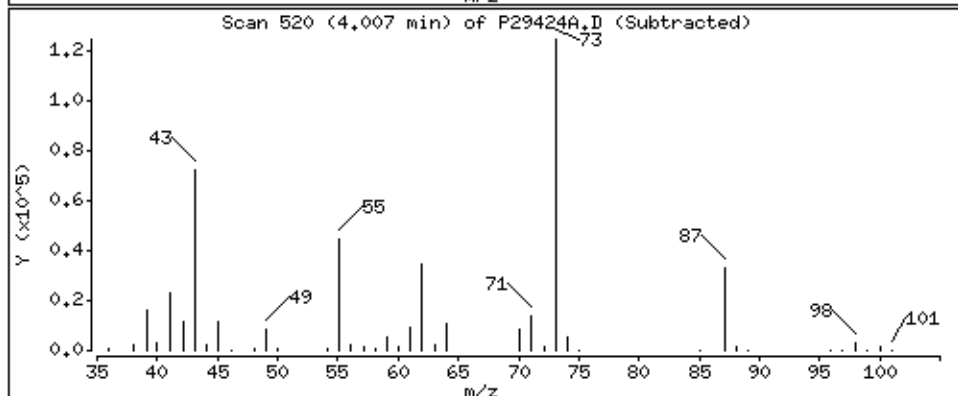
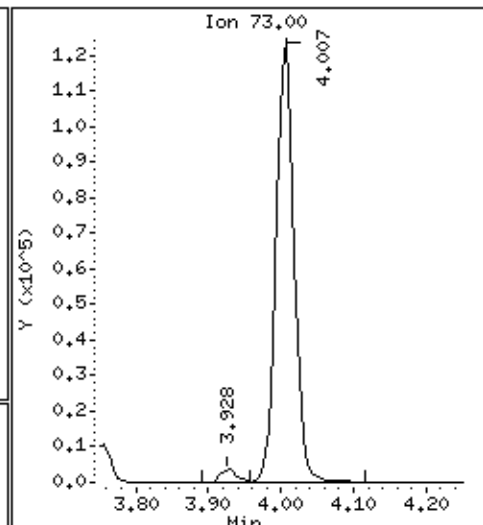
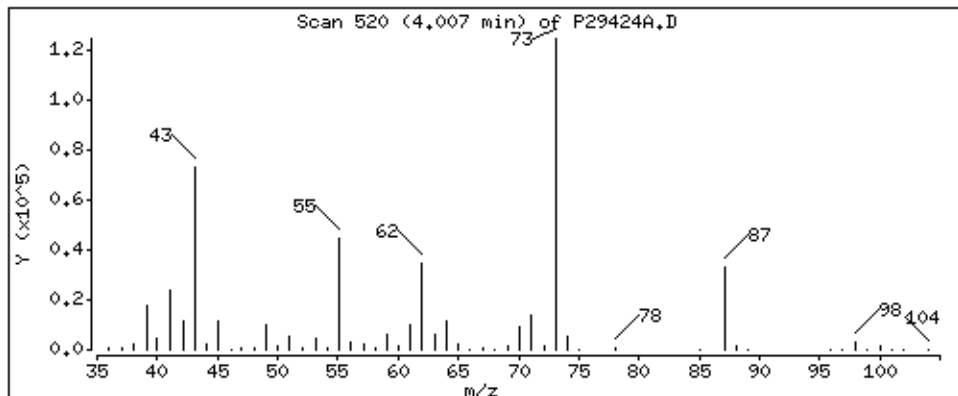
Review Code:



56 tert-Amylmethyl ether

Concentration: 41.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

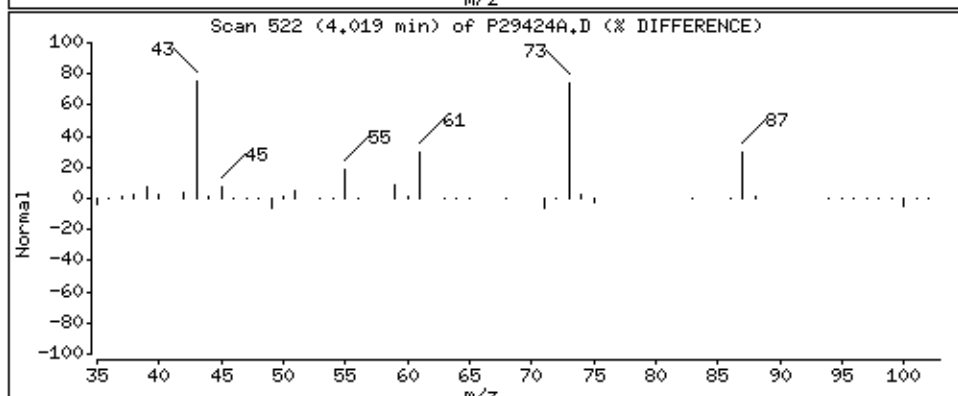
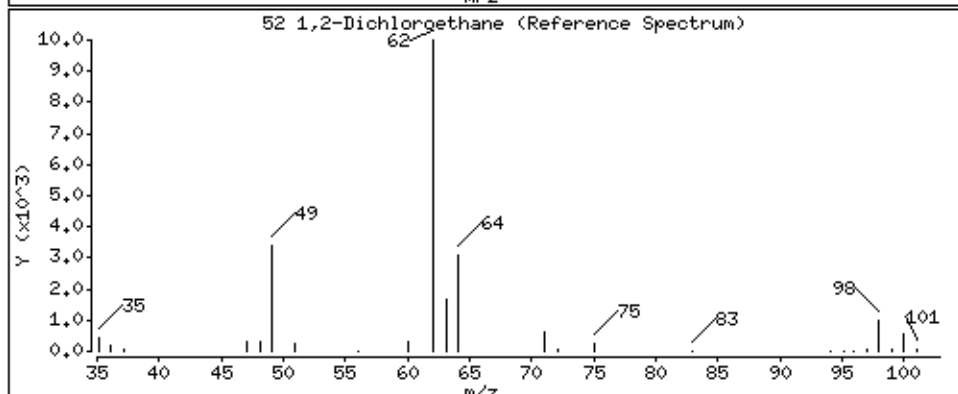
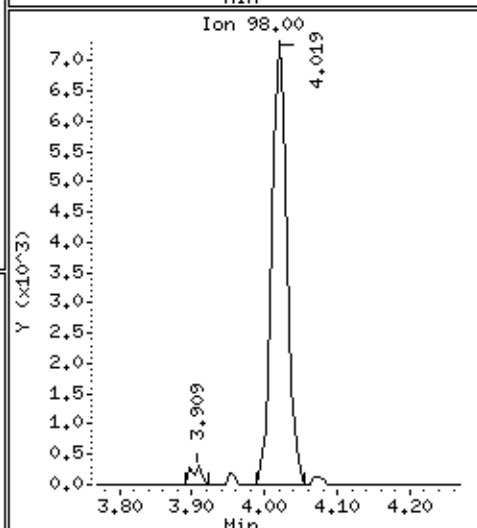
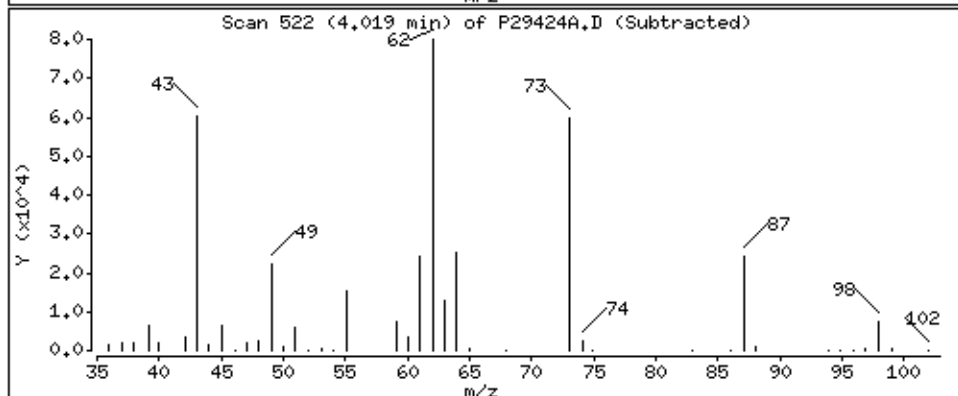
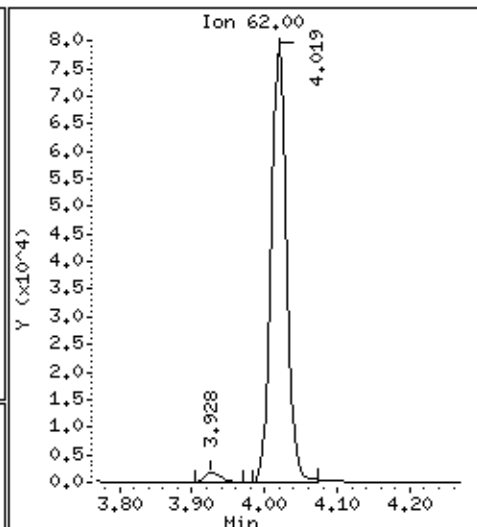
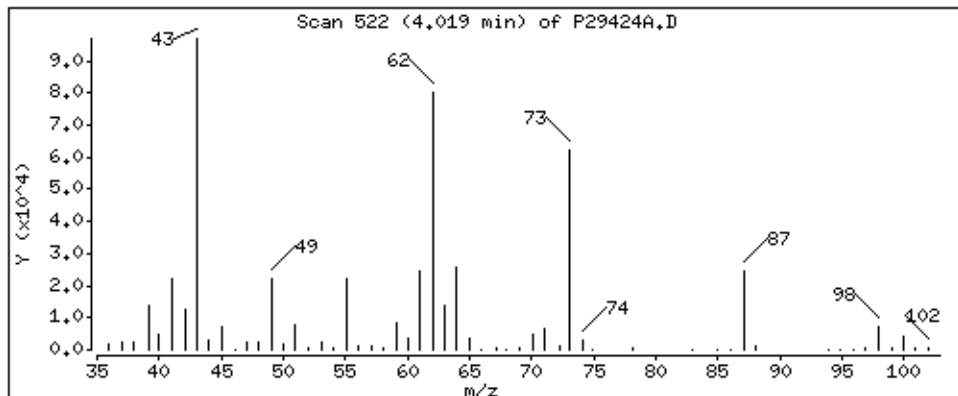
Column phase: RTX-624

Column diameter: 0,18

52 1,2-Dichloroethane

Concentration: 46,8 ug/L

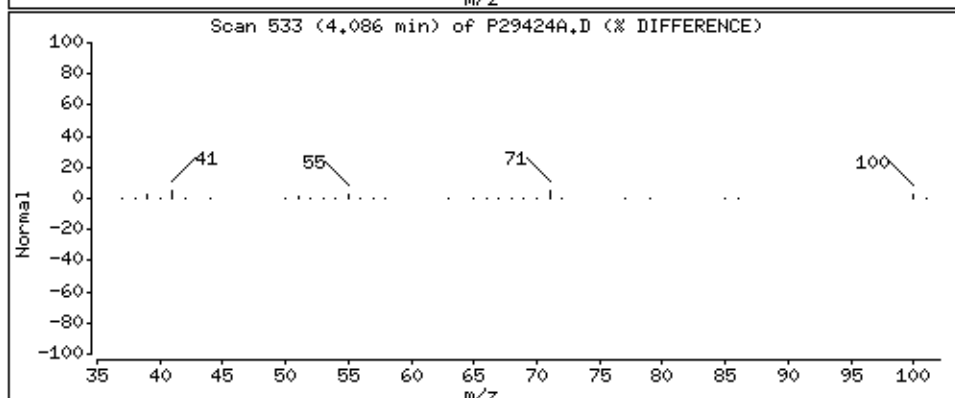
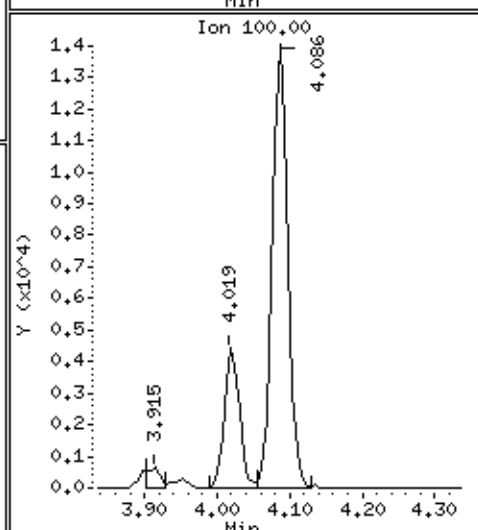
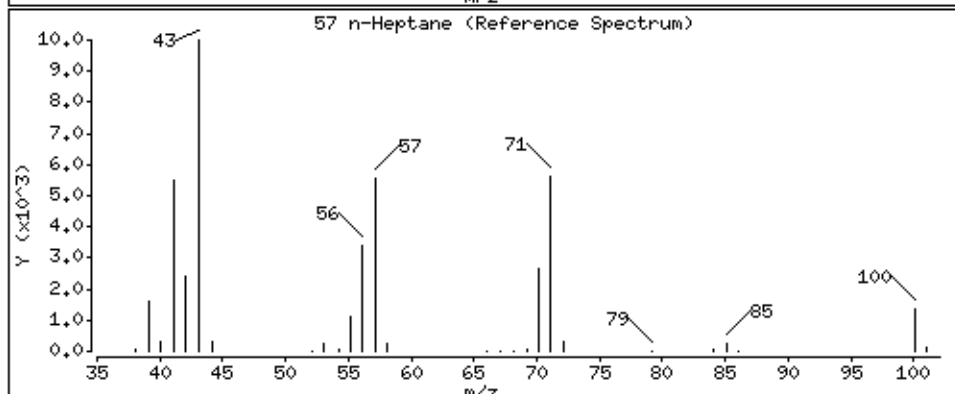
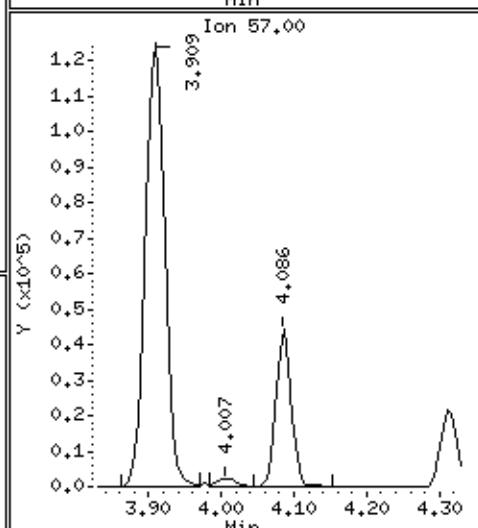
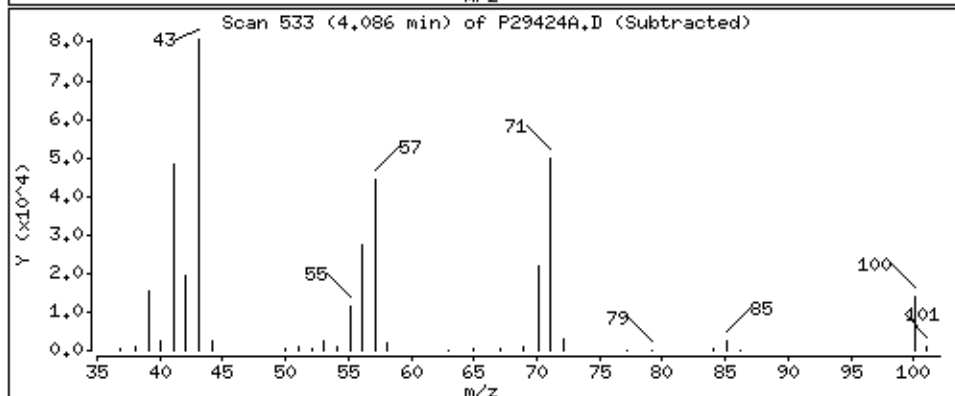
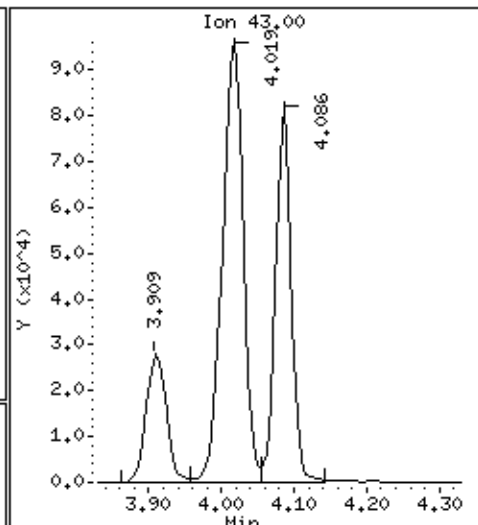
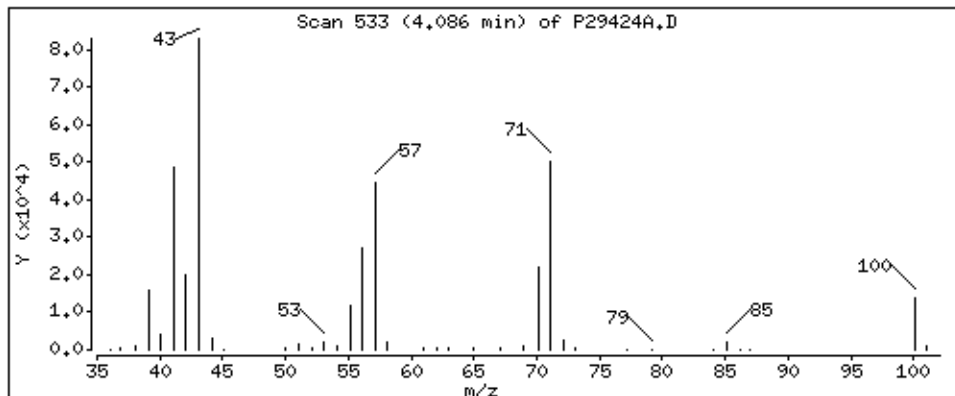
Review Code:



57 n-Heptane

Concentration: 51.0 ug/L

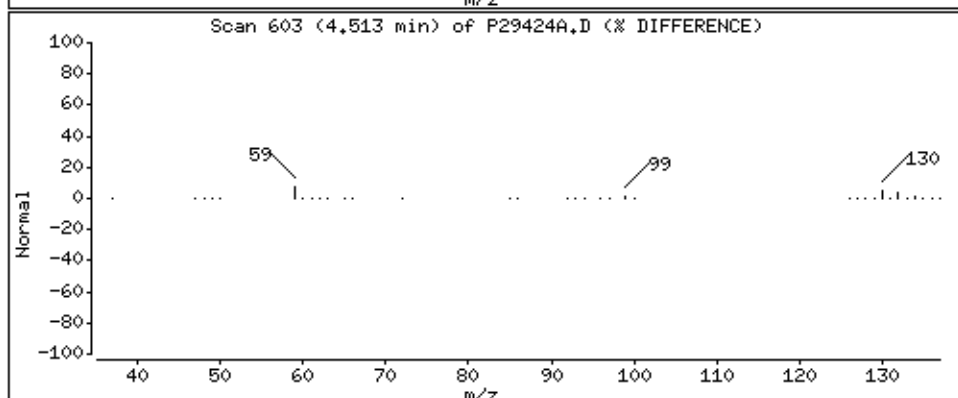
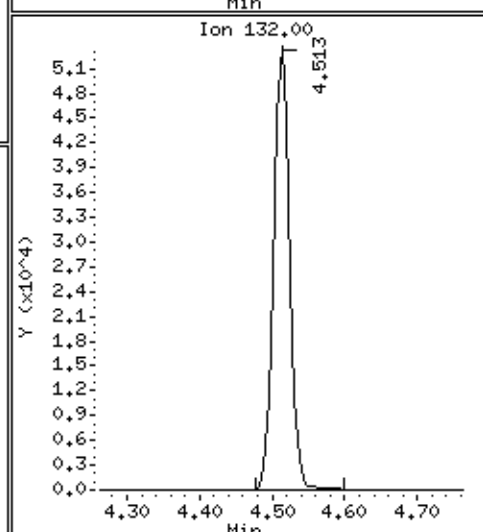
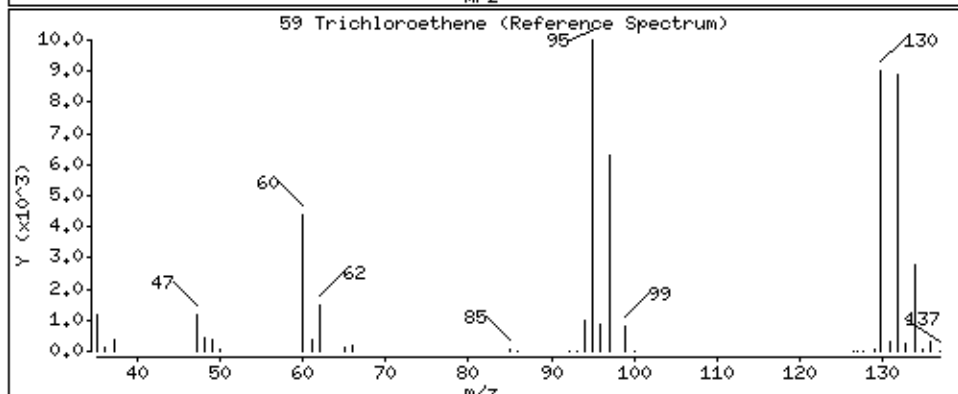
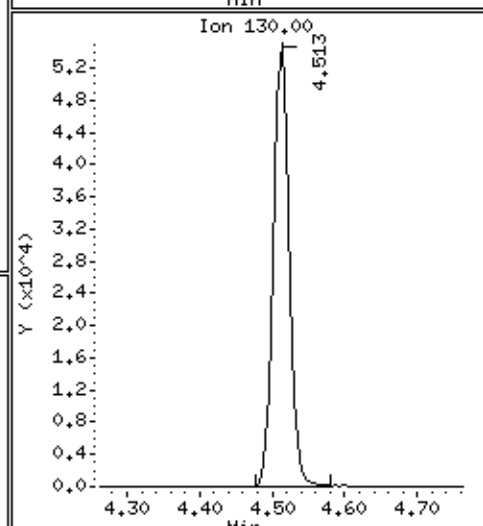
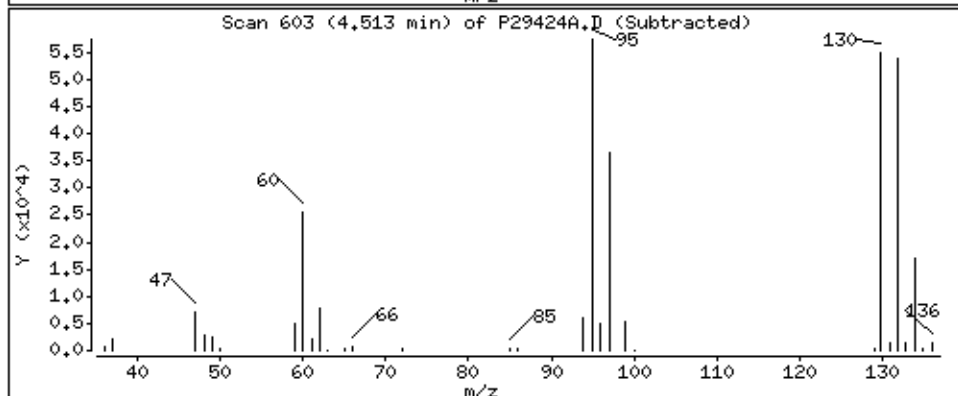
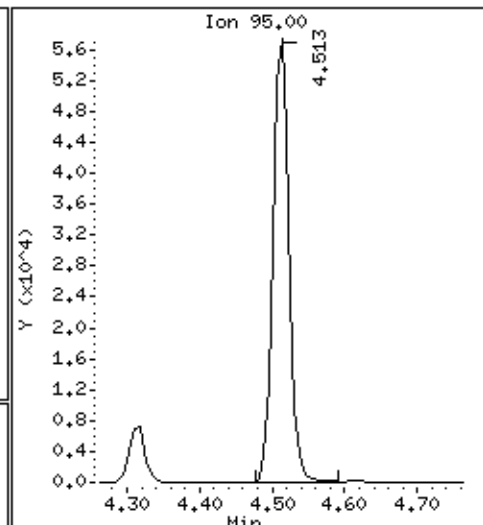
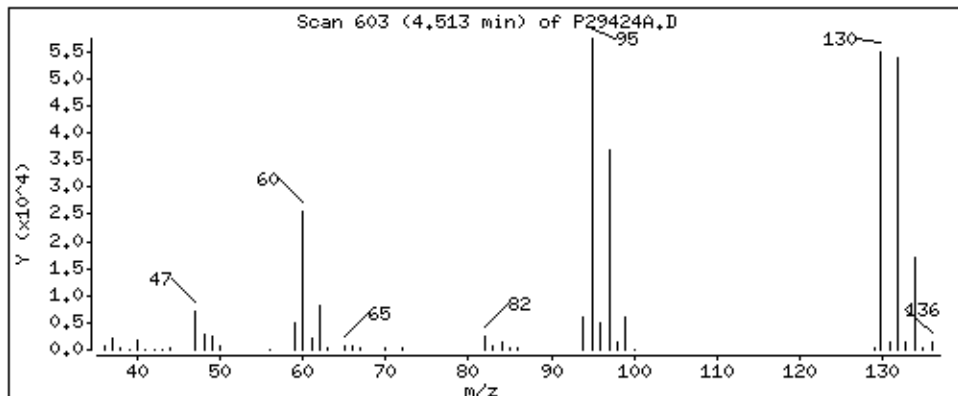
Review Code:



59 Trichloroethene

Concentration: 46,9 ug/L

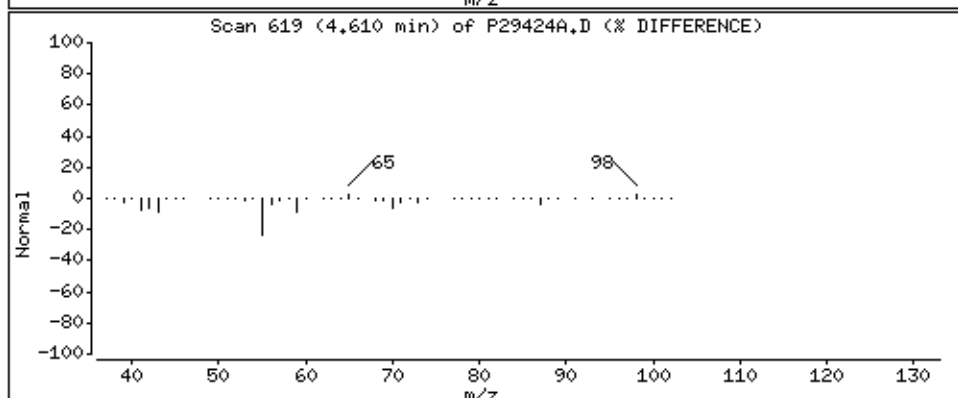
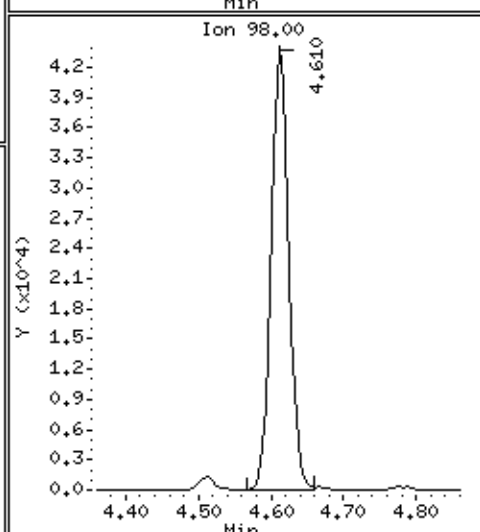
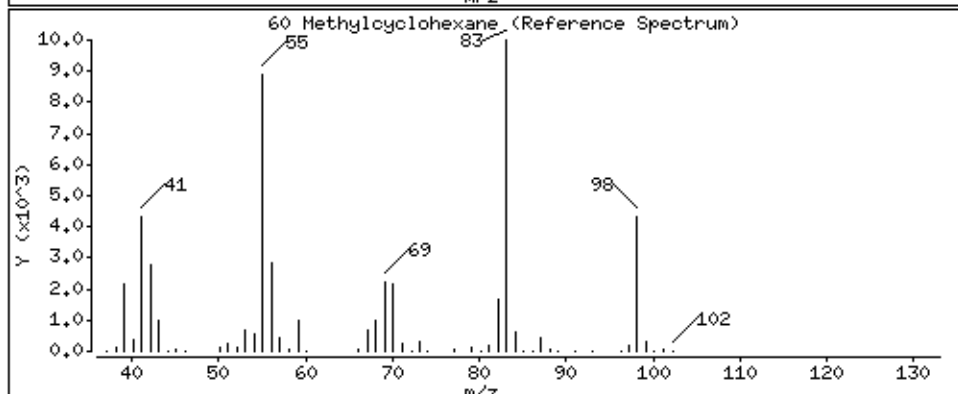
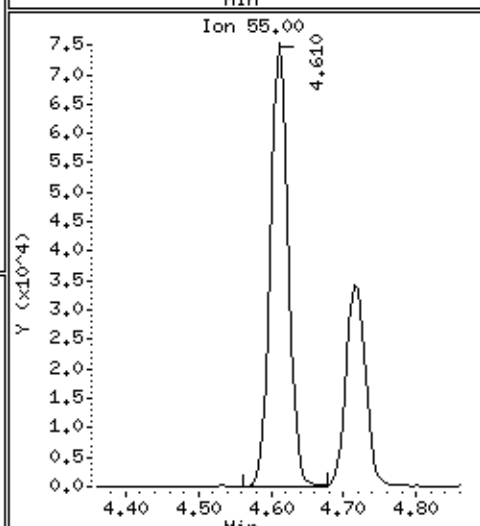
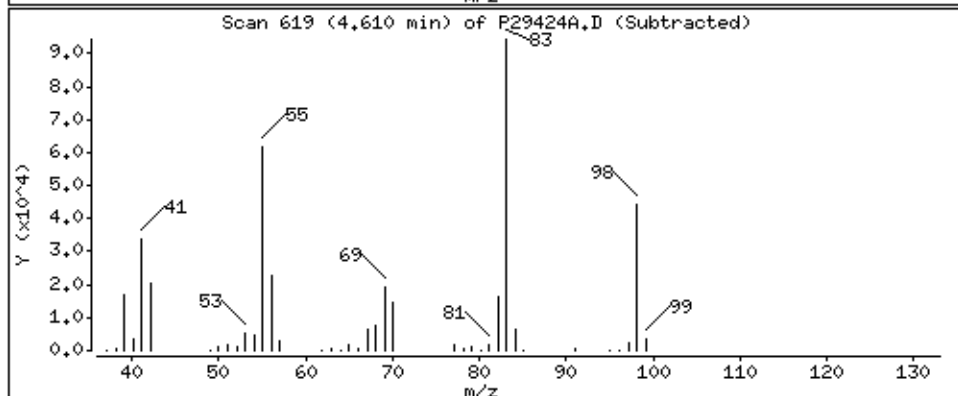
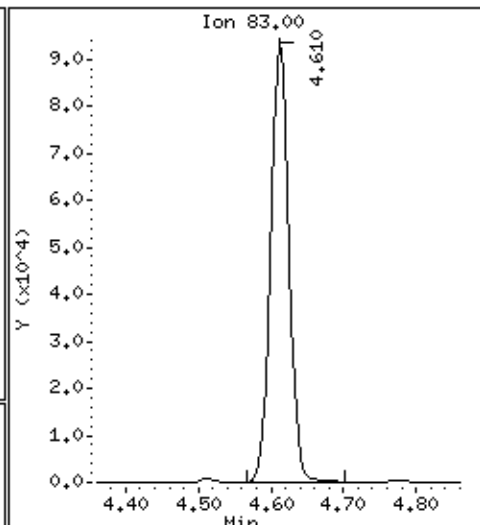
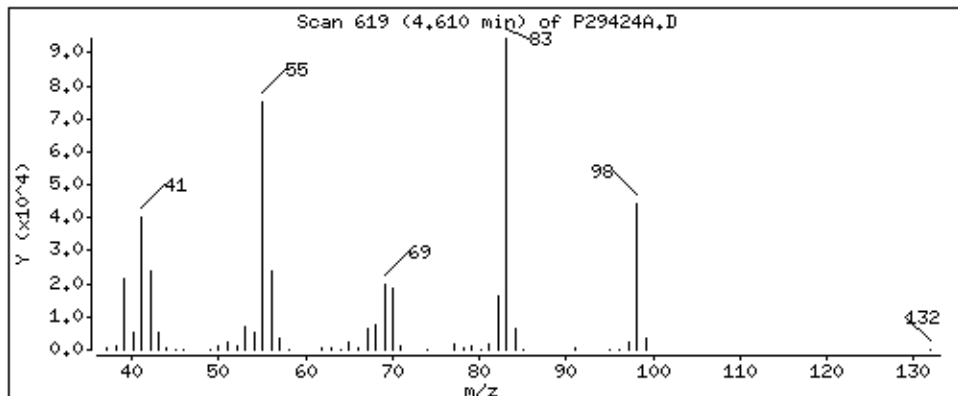
Review Code:



60 Methylcyclohexane

Concentration: 47.4 ug/L

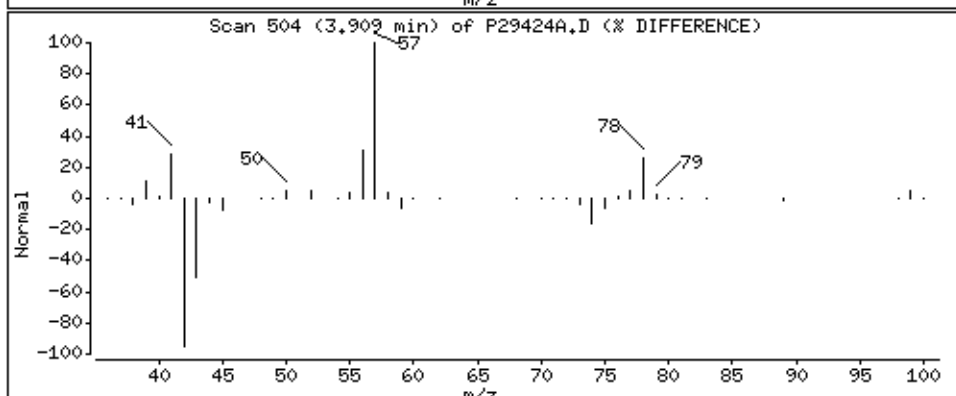
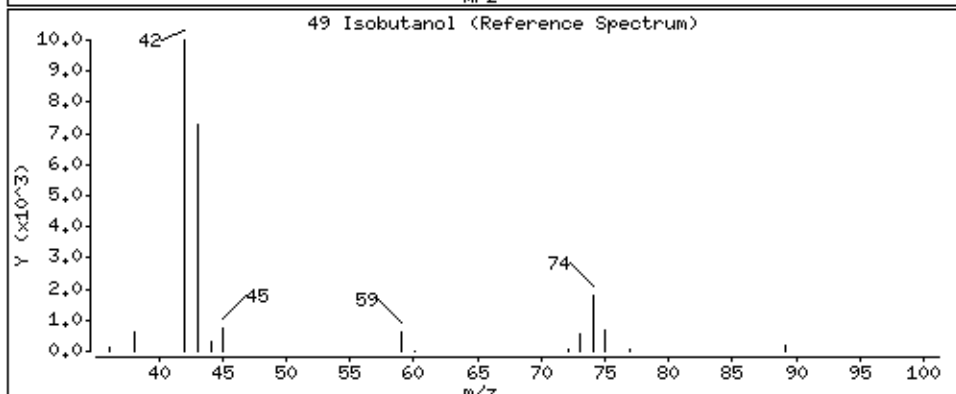
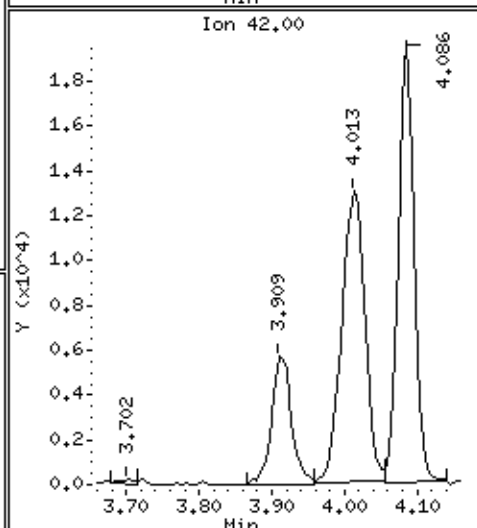
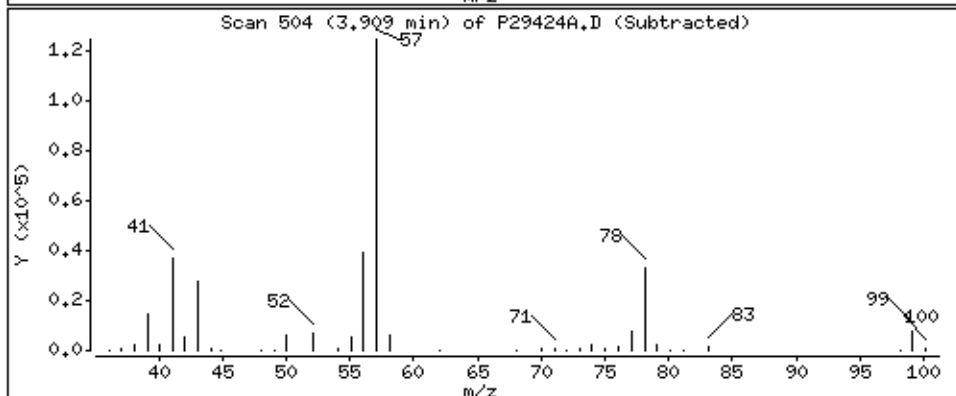
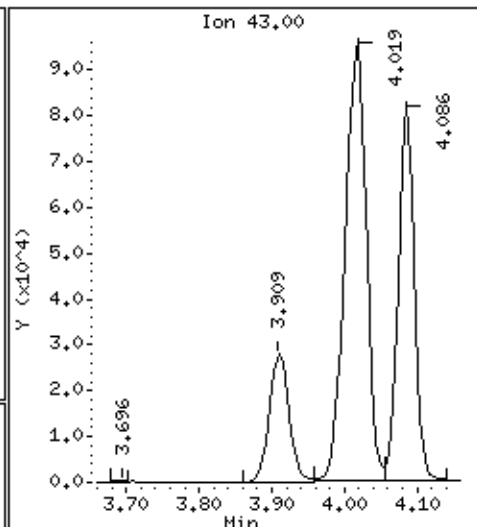
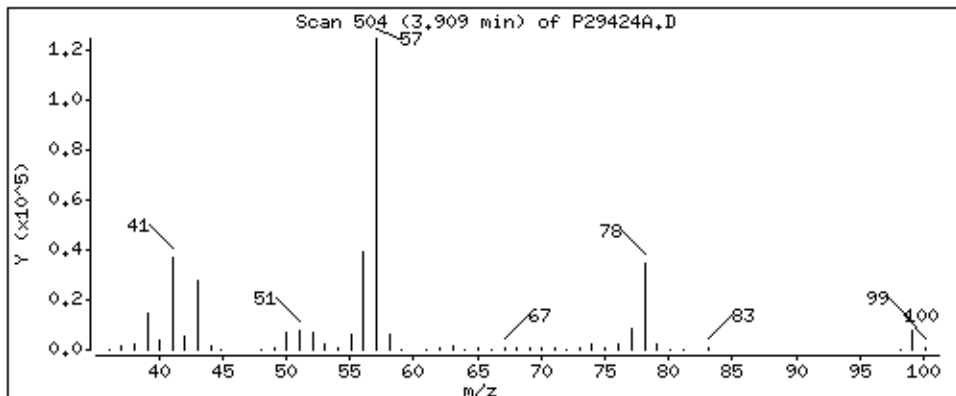
Review Code:



49 Isobutanol

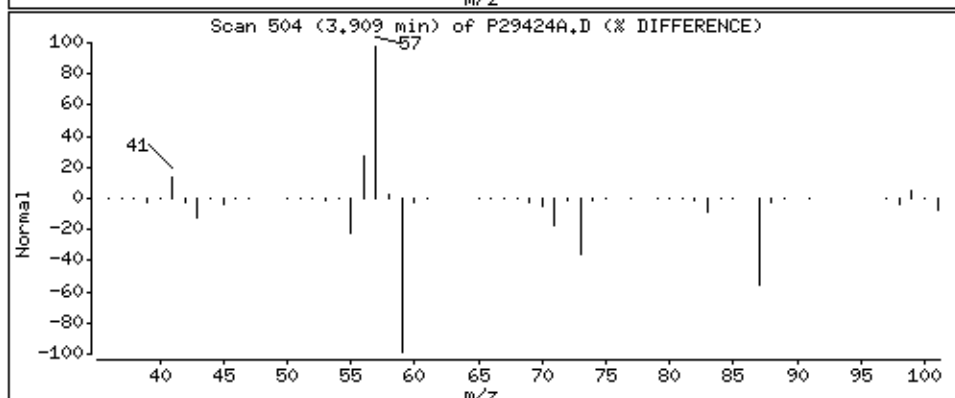
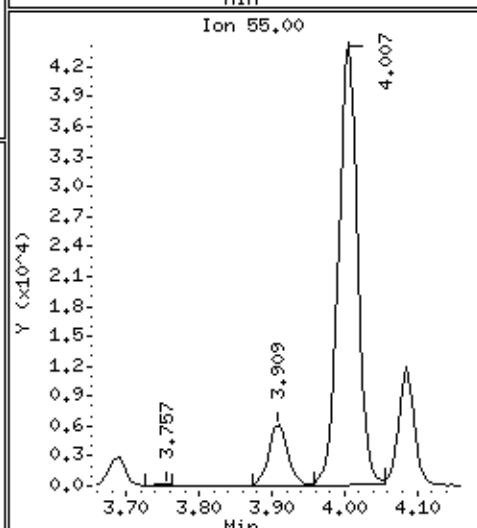
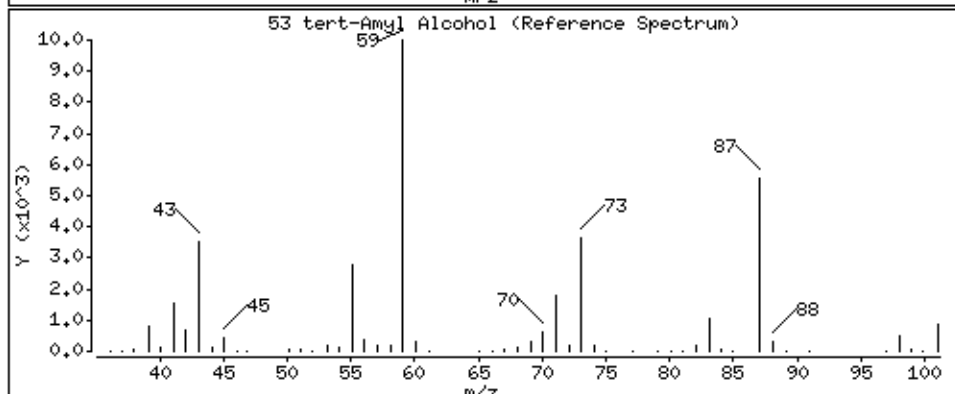
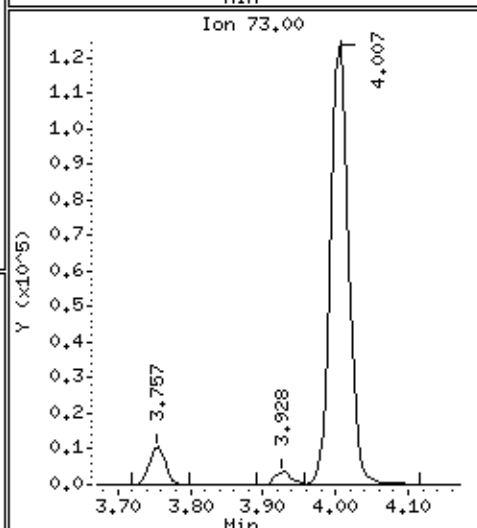
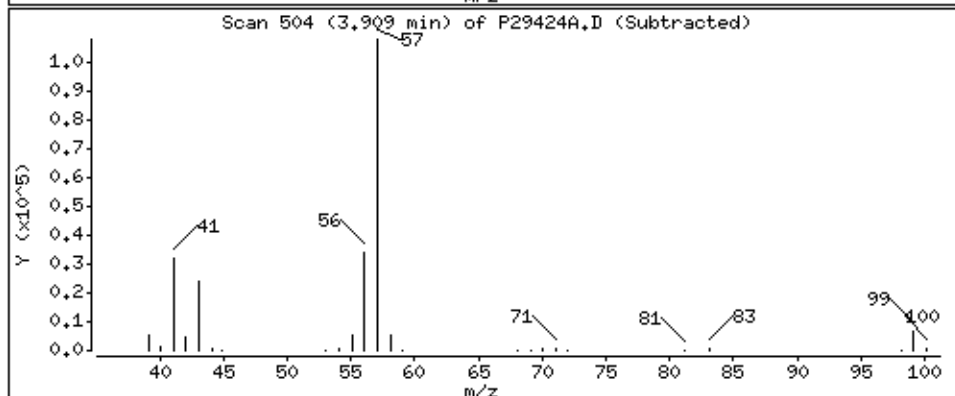
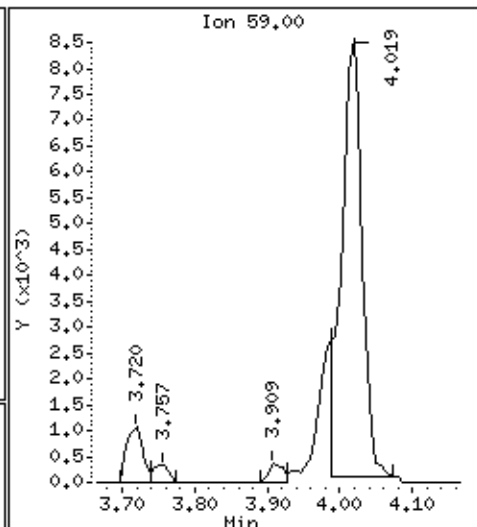
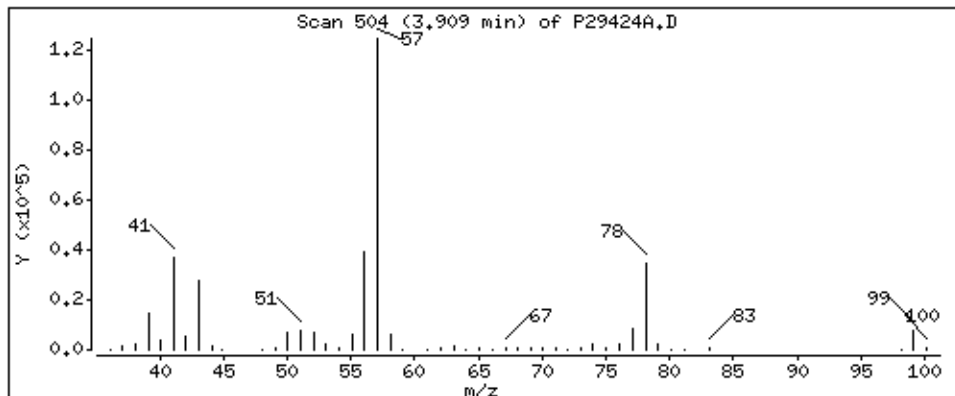
Concentration: 254 ug/L

Review Code:



53 tert-Amyl Alcohol

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

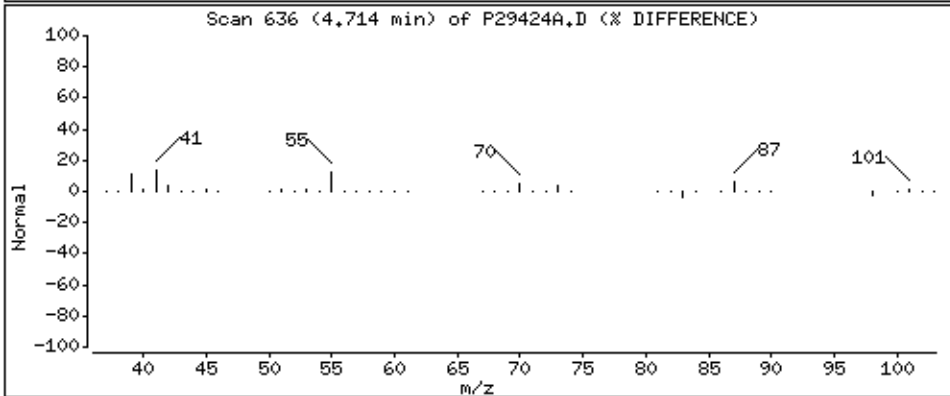
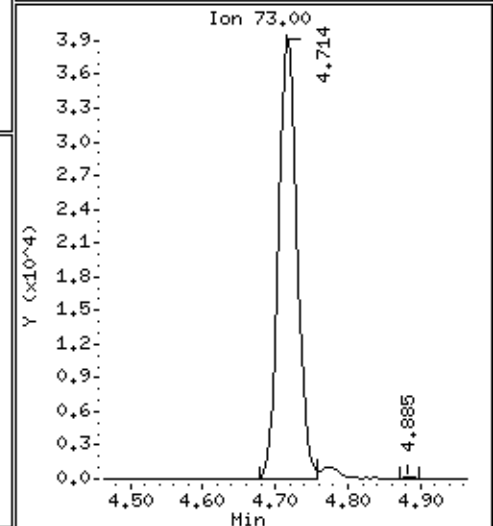
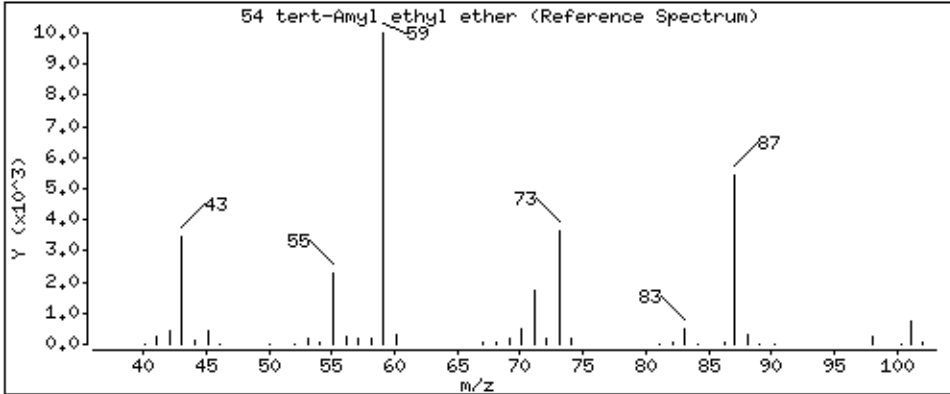
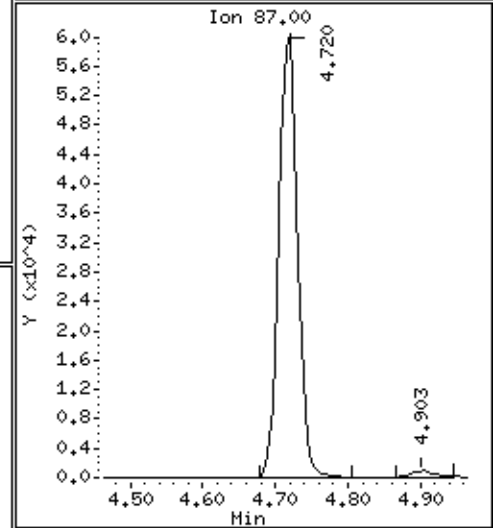
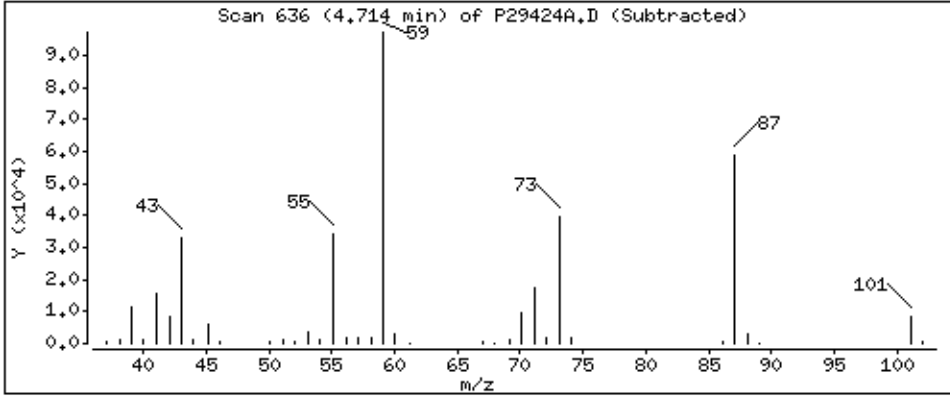
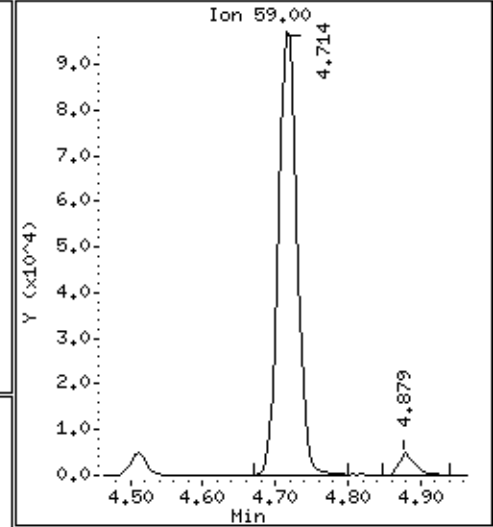
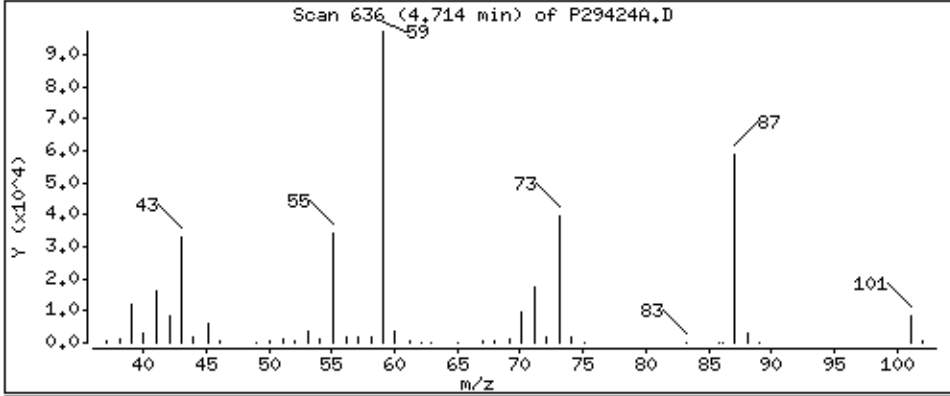
Column phase: RTX-624

Column diameter: 0,18

54 tert-Amyl ethyl ether

Concentration: 39,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

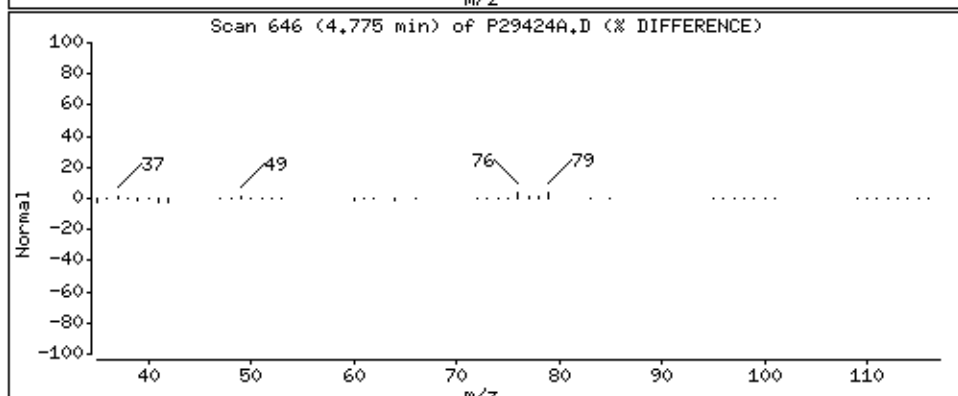
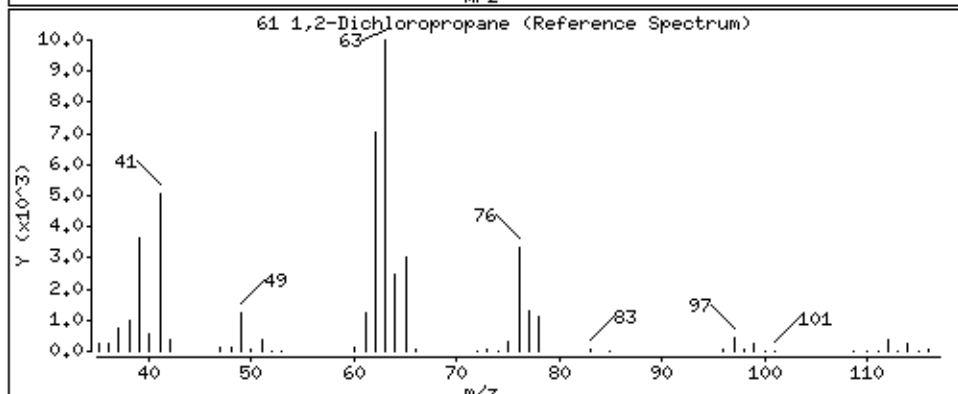
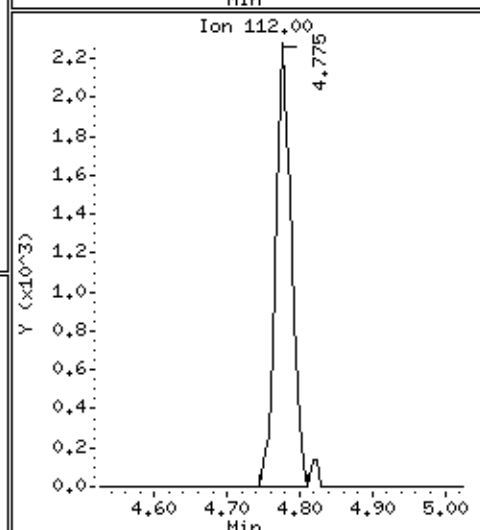
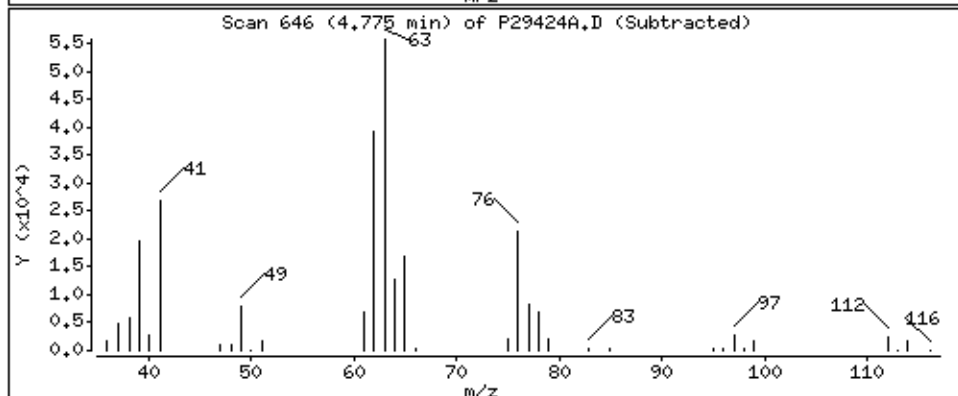
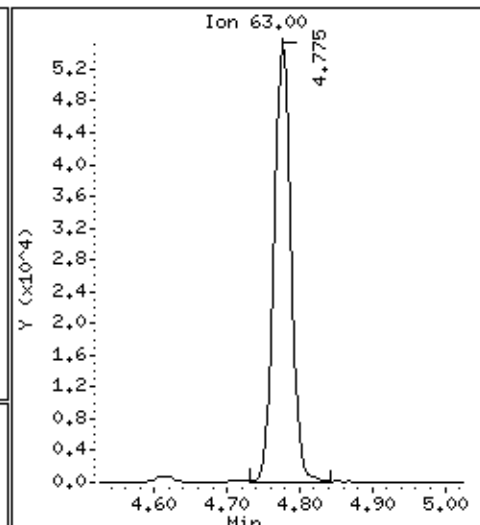
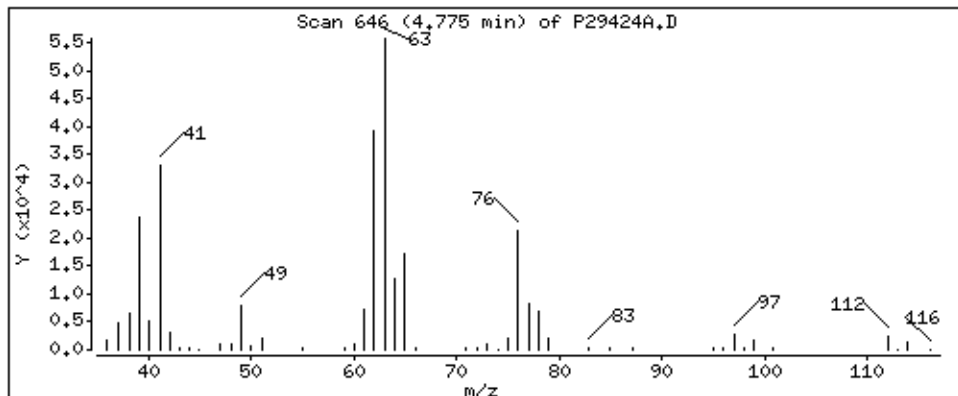
Column phase: RTX-624

Column diameter: 0,18

61 1,2-Dichloropropane

Concentration: 53,3 ug/L

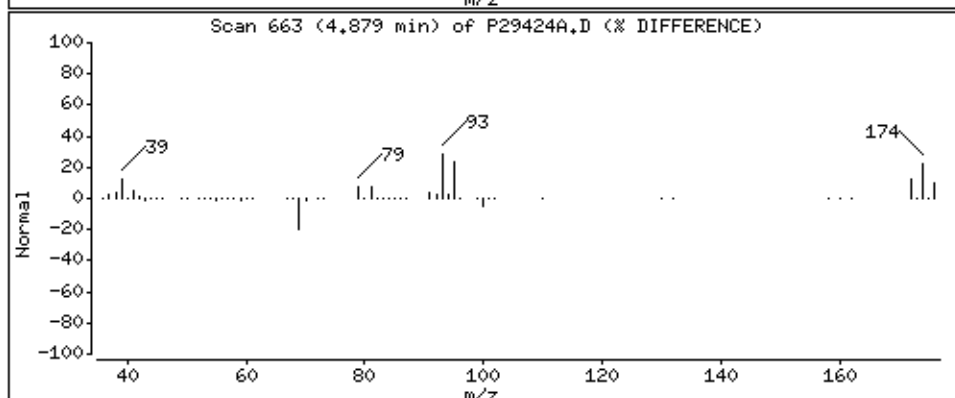
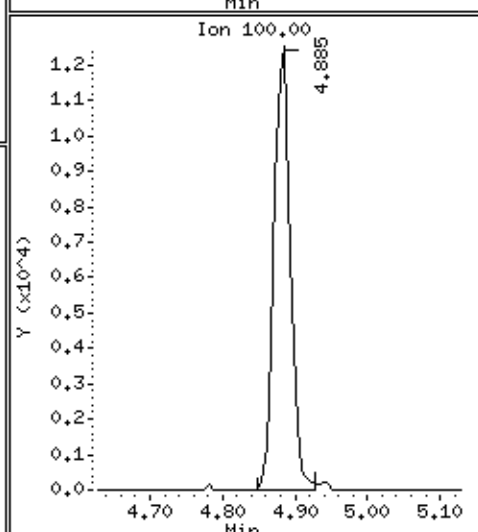
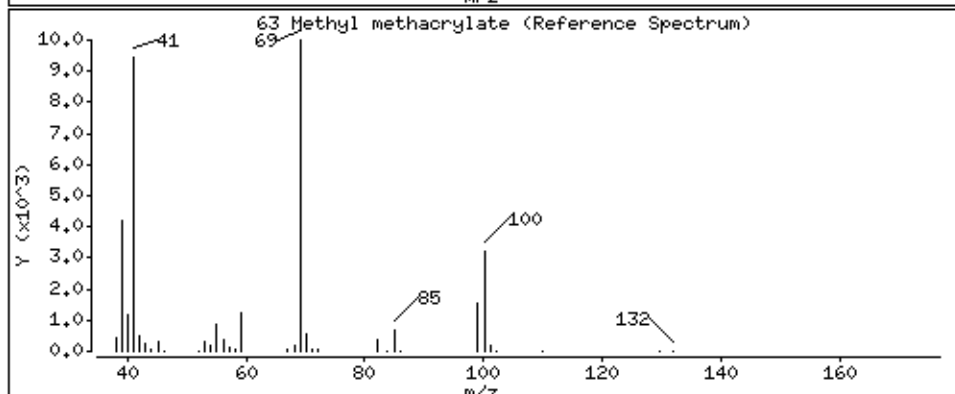
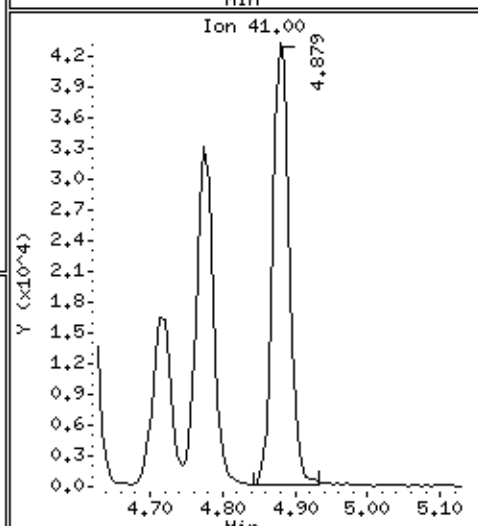
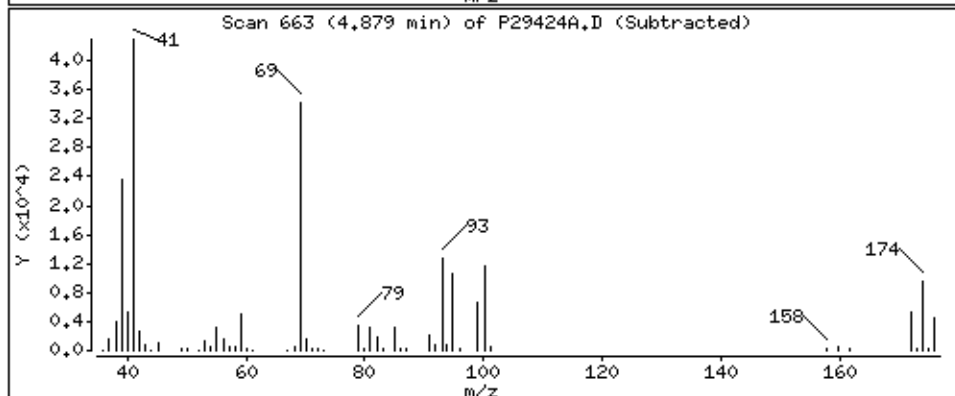
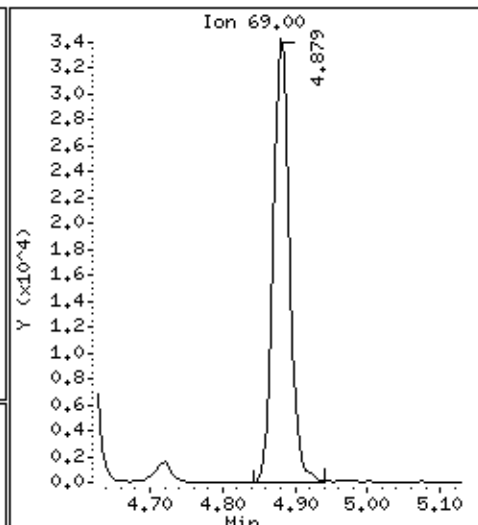
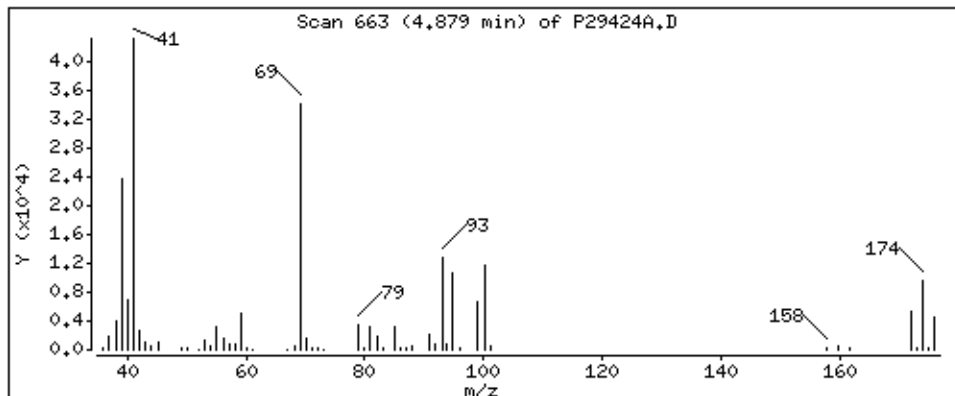
Review Code:



63 Methyl methacrylate

Concentration: 49,3 ug/L

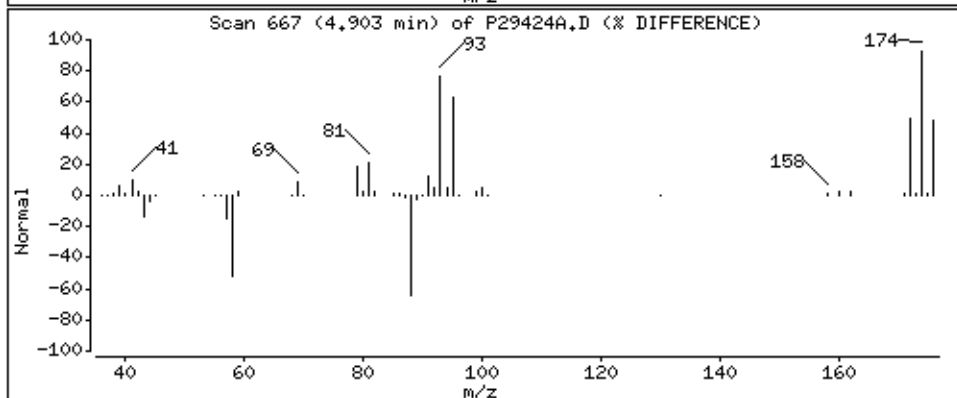
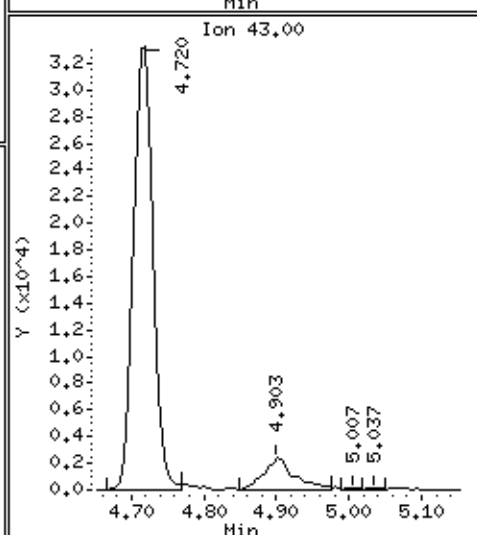
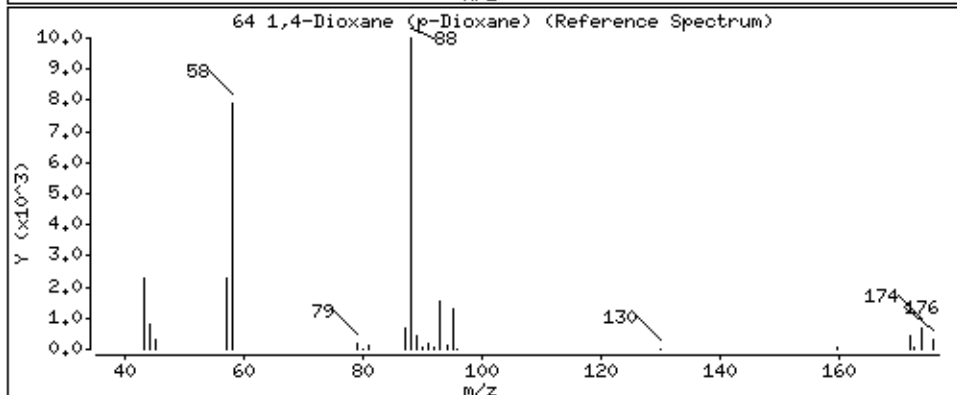
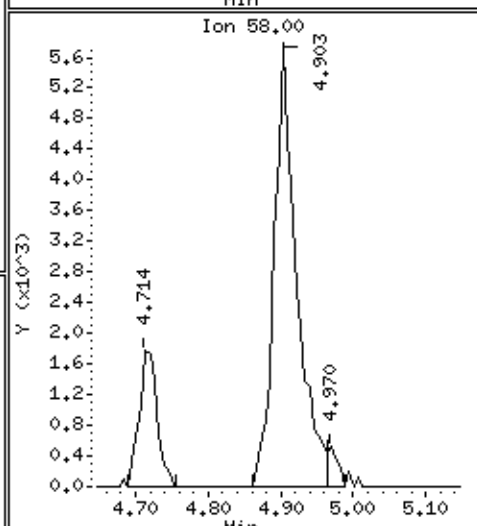
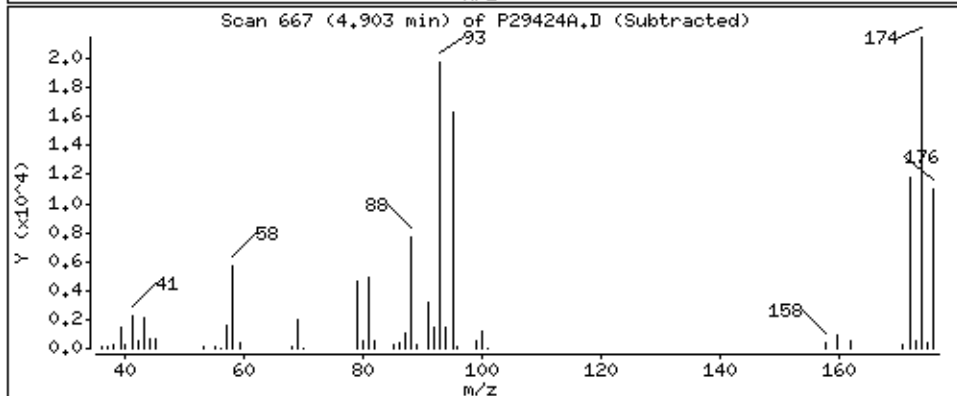
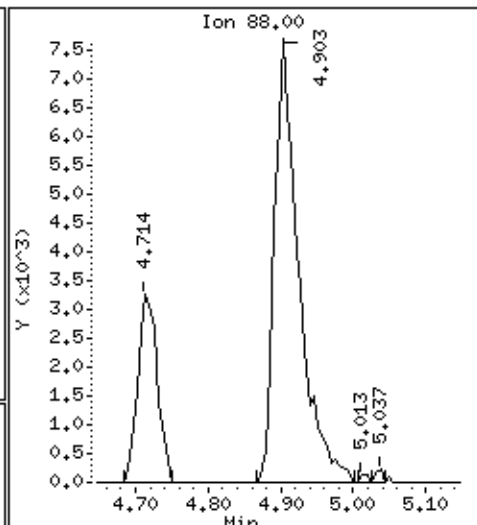
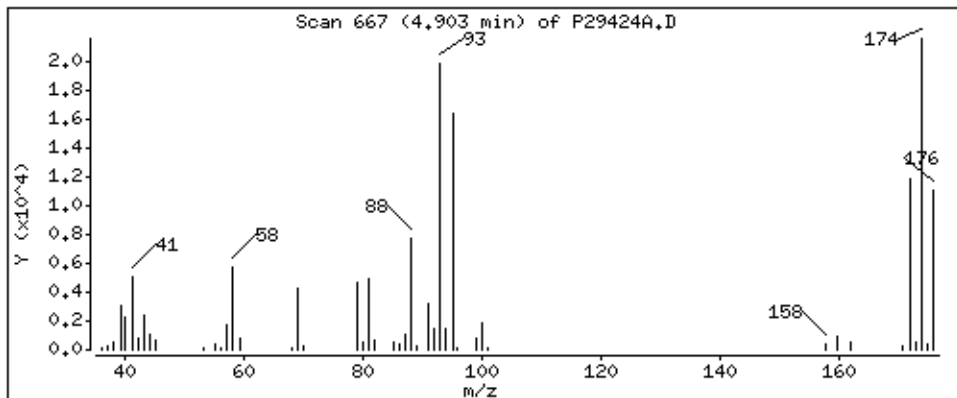
Review Code:



64 1,4-Dioxane (p-Dioxane)

Concentration: 1440 ug/L

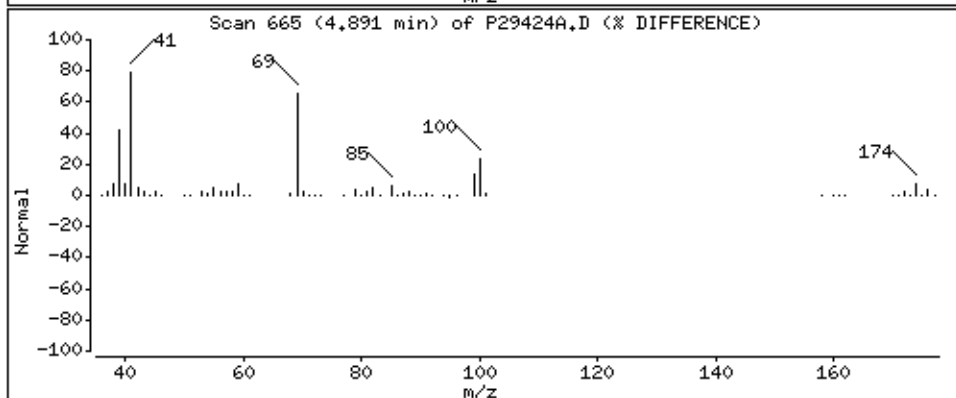
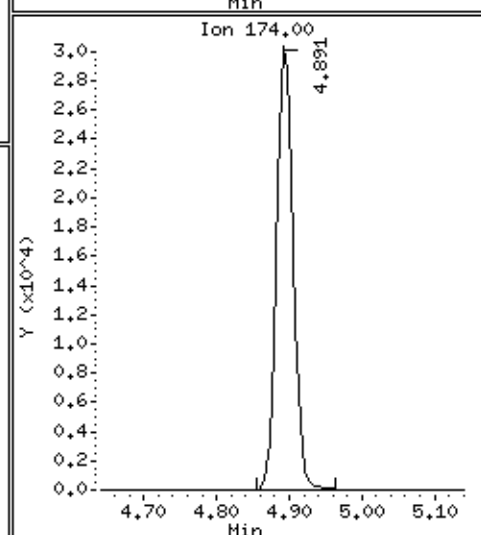
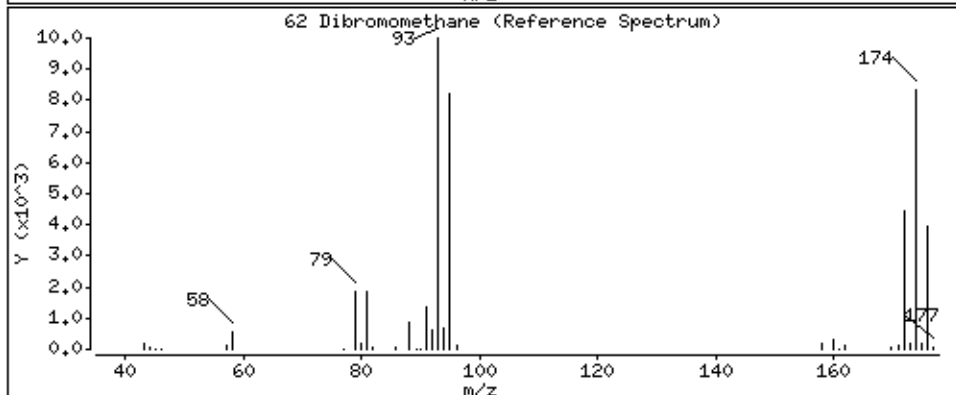
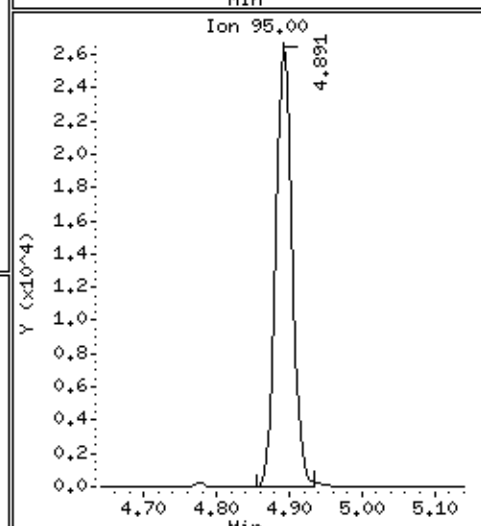
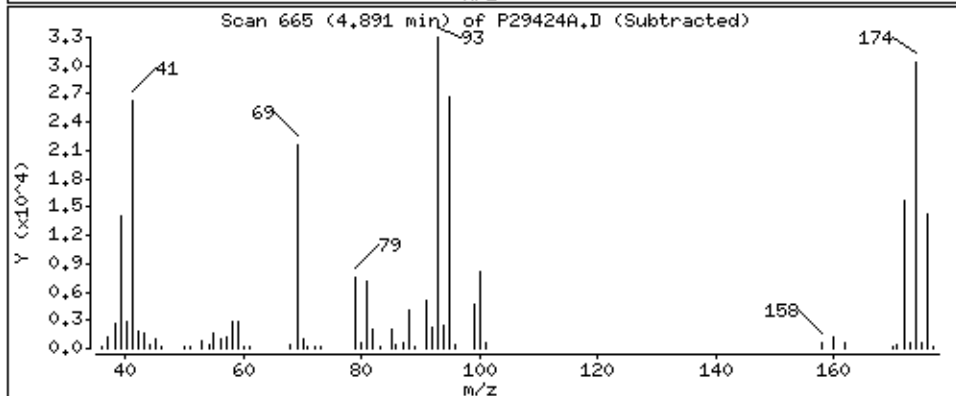
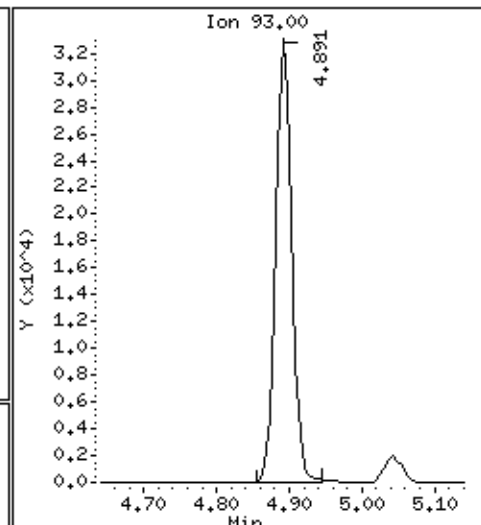
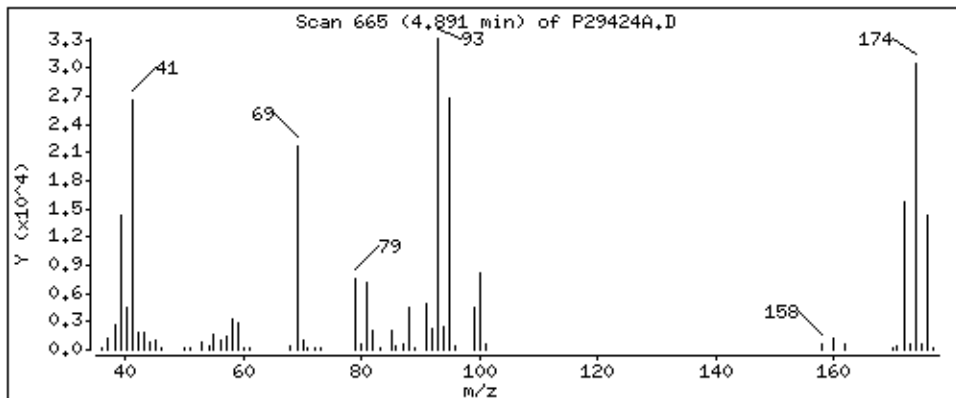
Review Code:



62 Dibromomethane

Concentration: 49,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

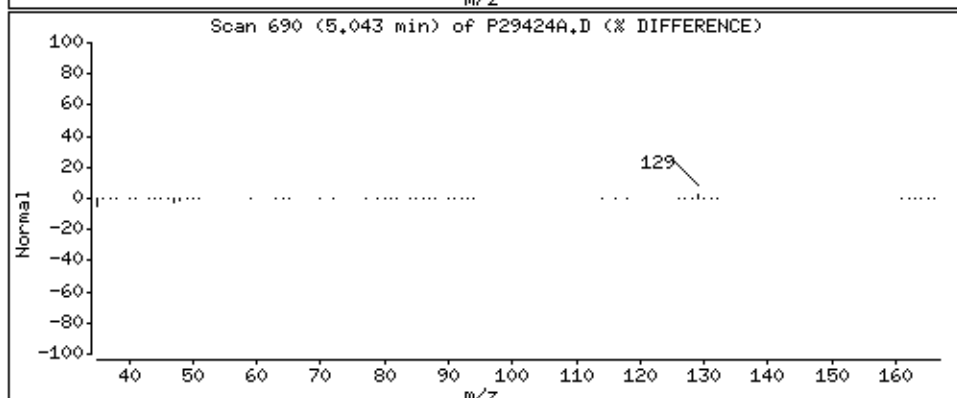
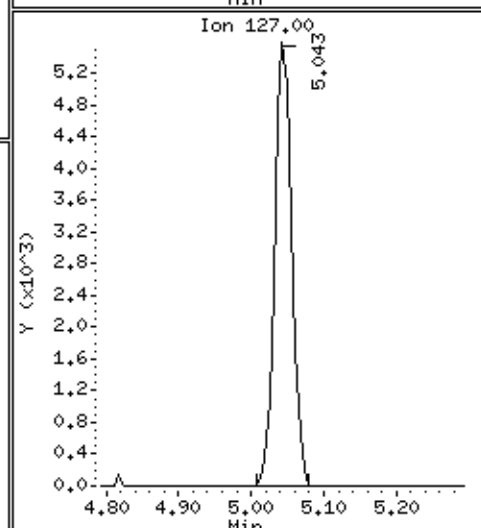
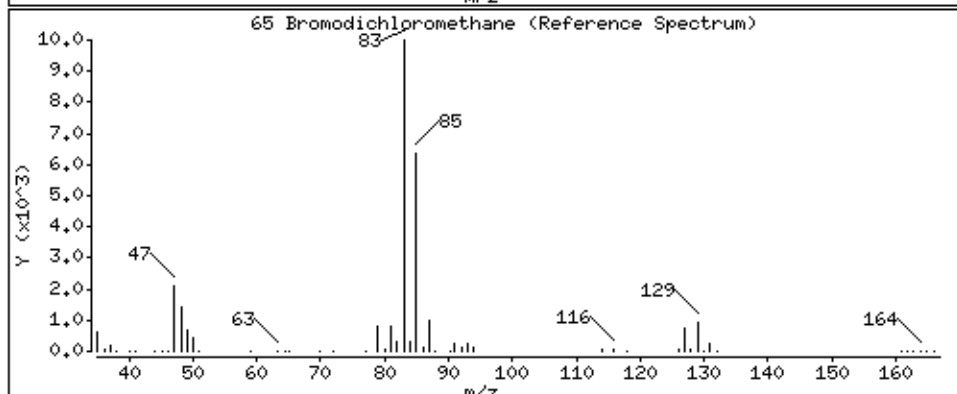
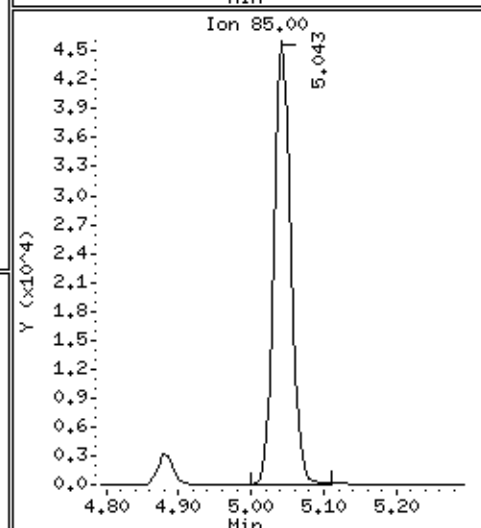
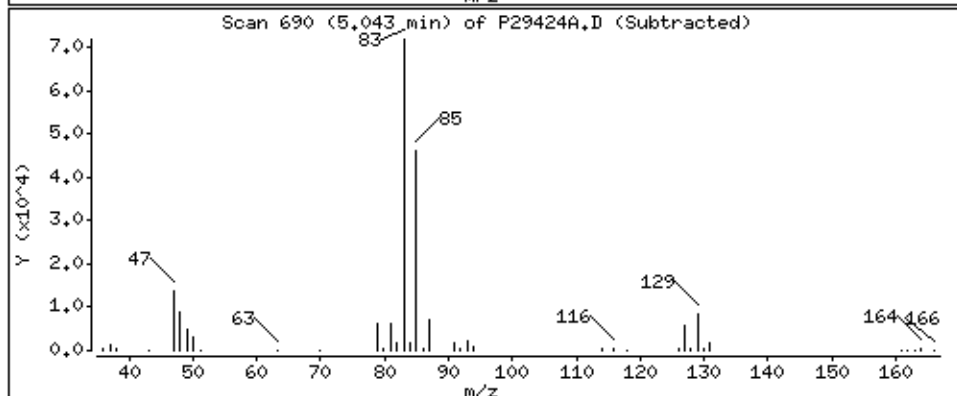
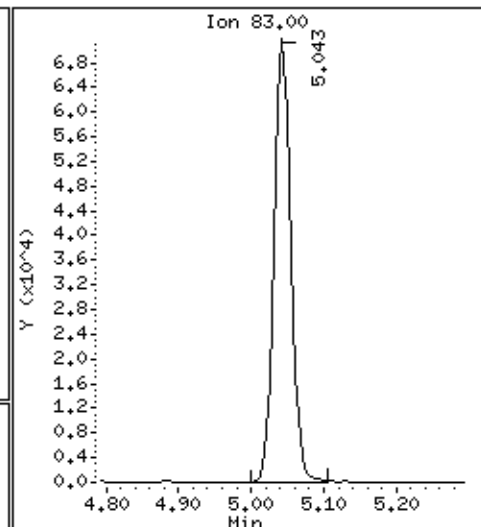
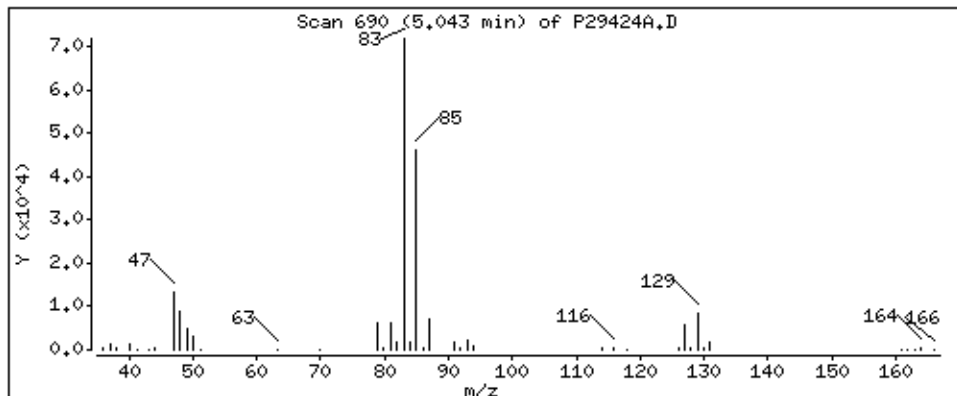
Column phase: RTX-624

Column diameter: 0,18

65 Bromodichloromethane

Concentration: 48,8 ug/L

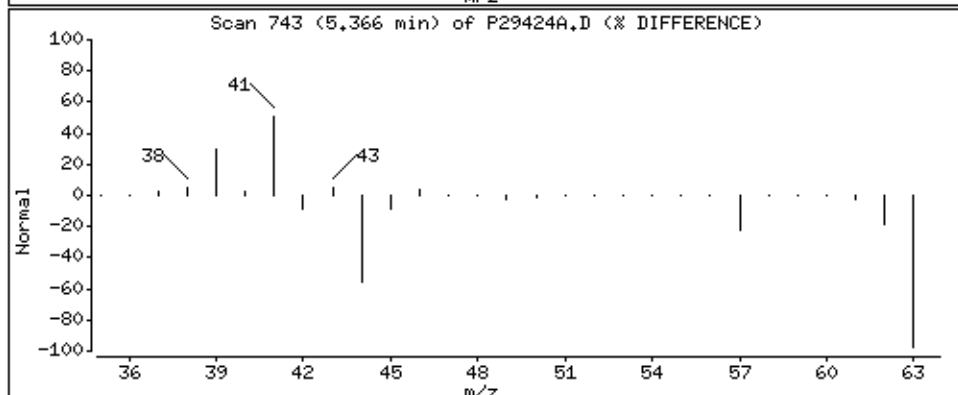
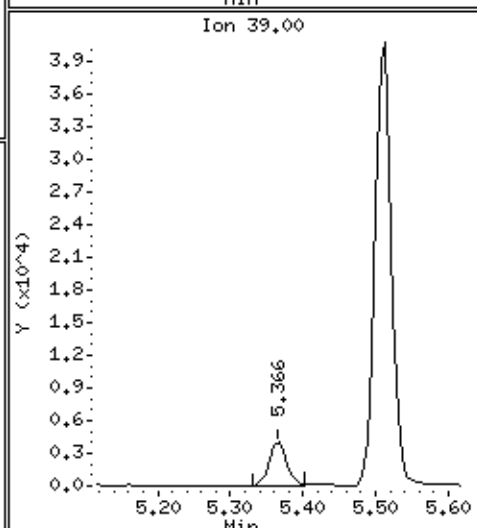
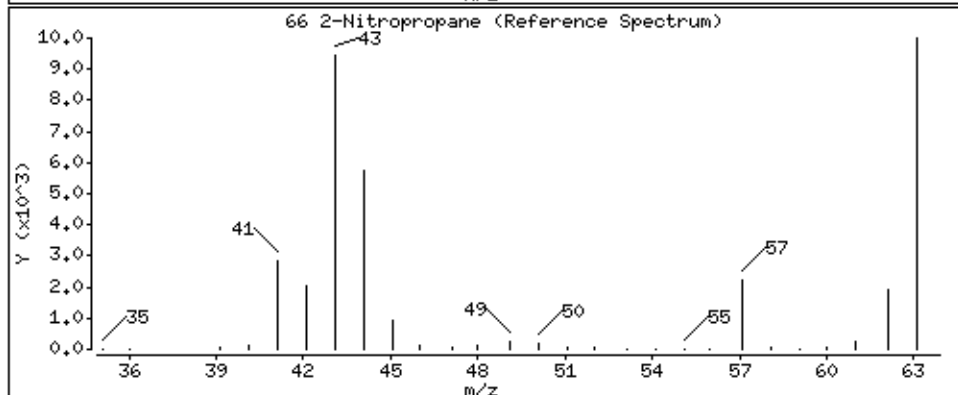
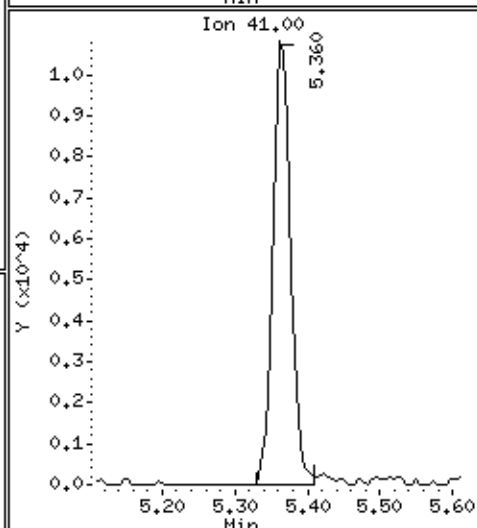
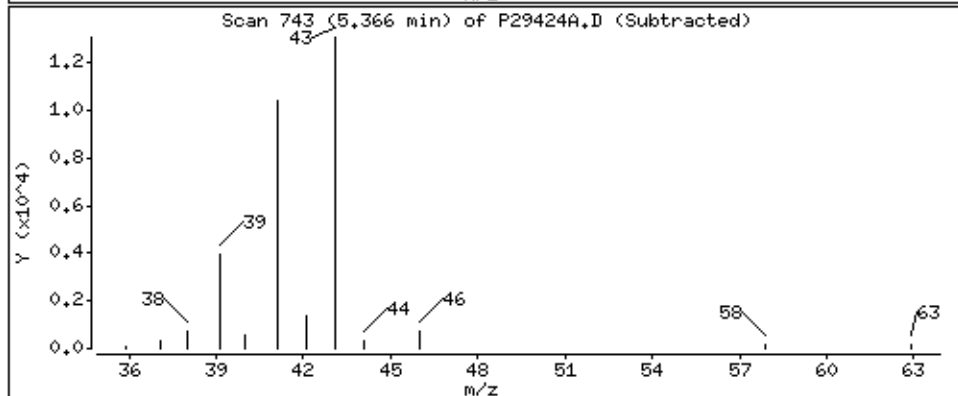
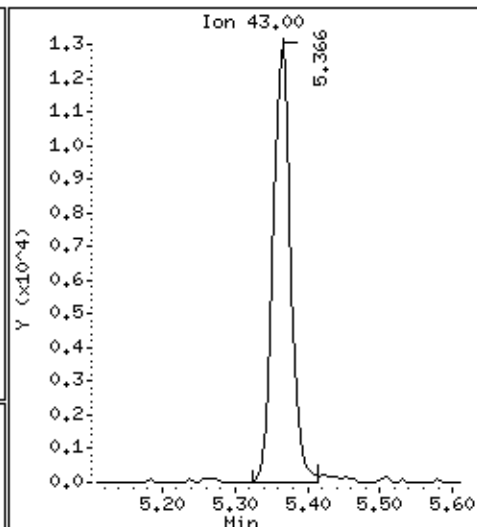
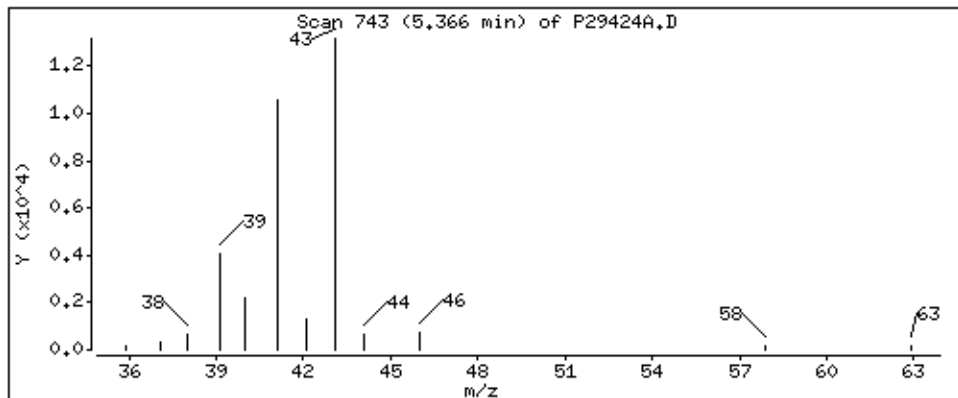
Review Code:



66 2-Nitropropane

Concentration: 24,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

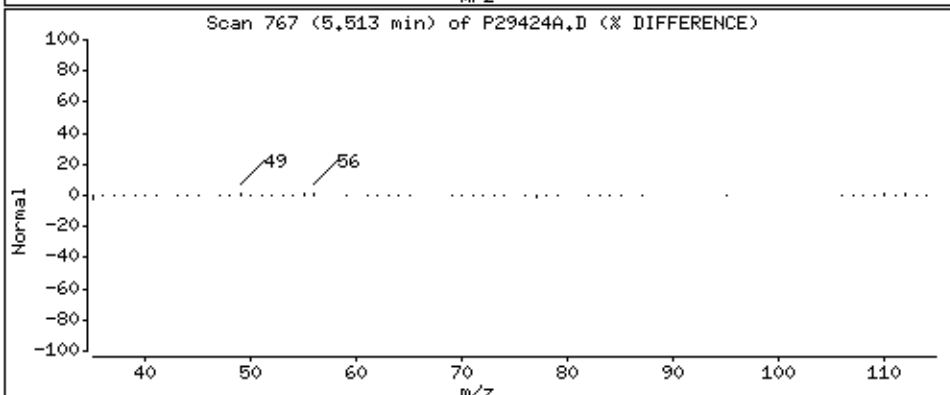
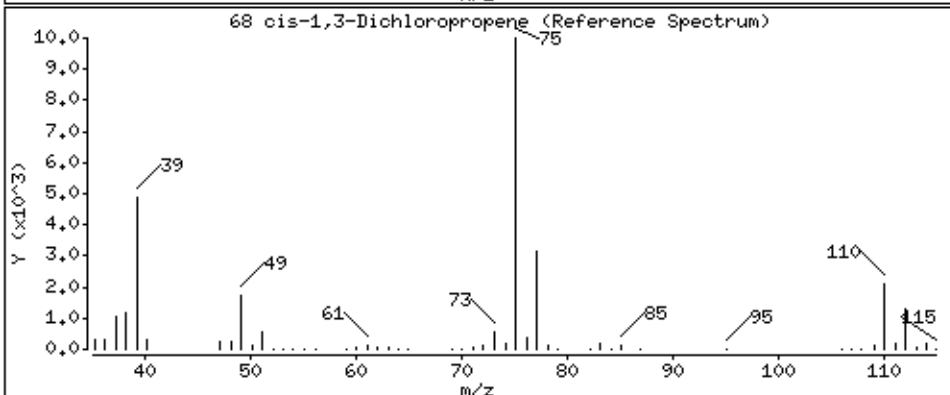
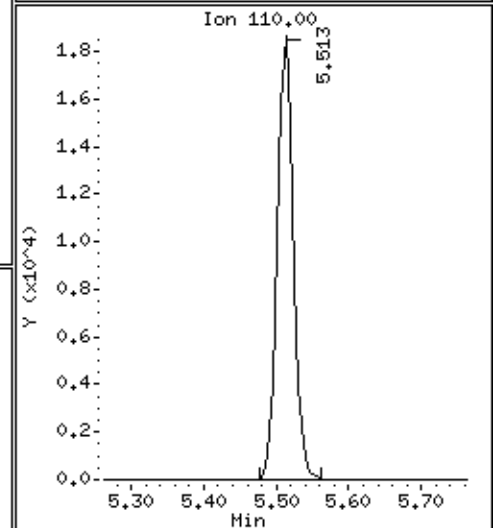
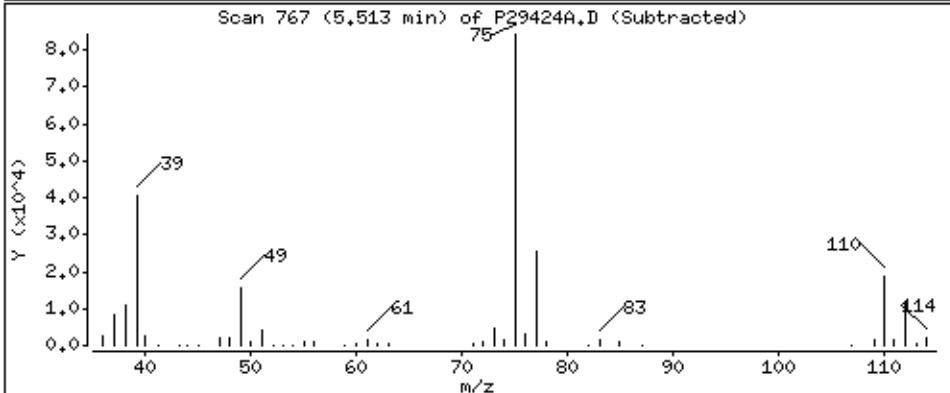
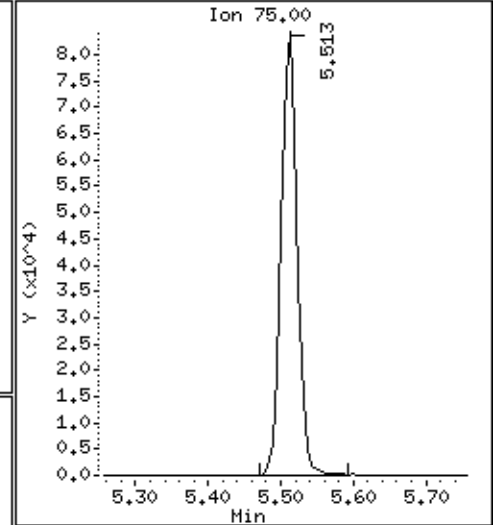
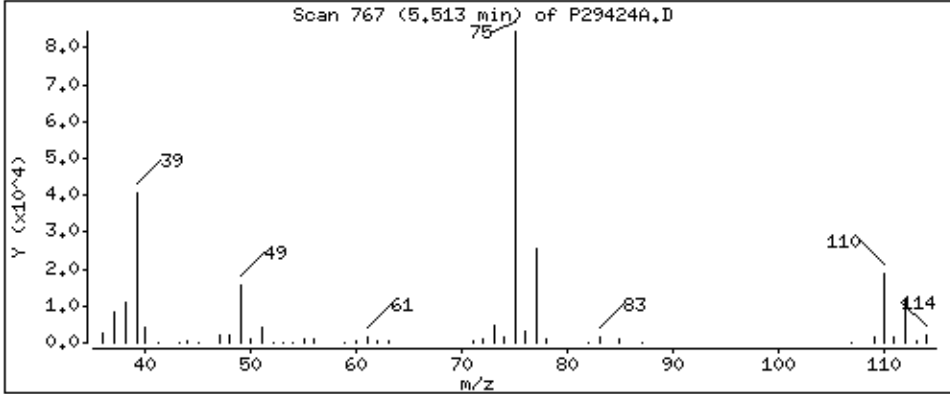
Column phase: RTX-624

Column diameter: 0,18

68 cis-1,3-Dichloropropene

Concentration: 46,4 ug/L

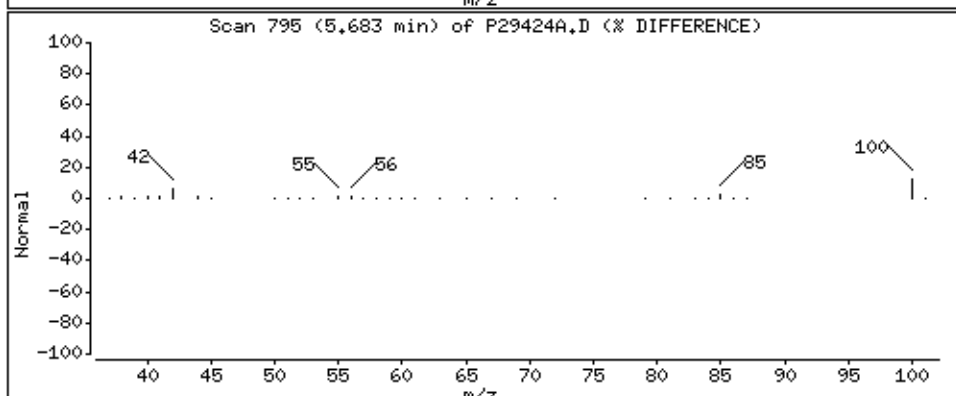
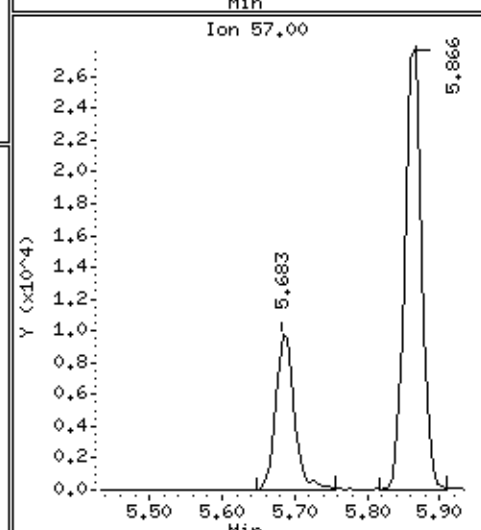
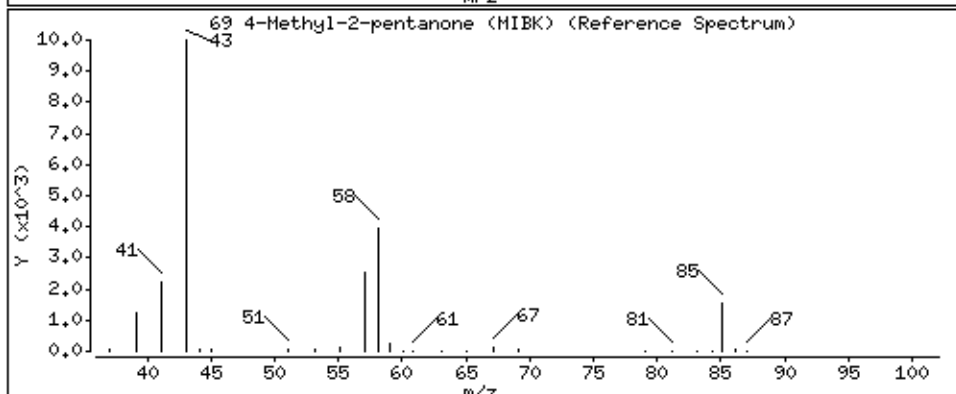
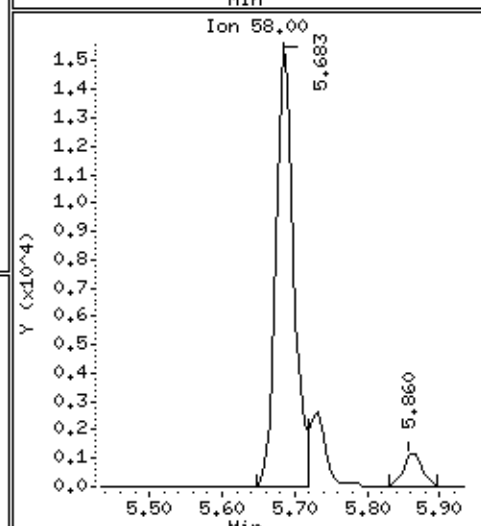
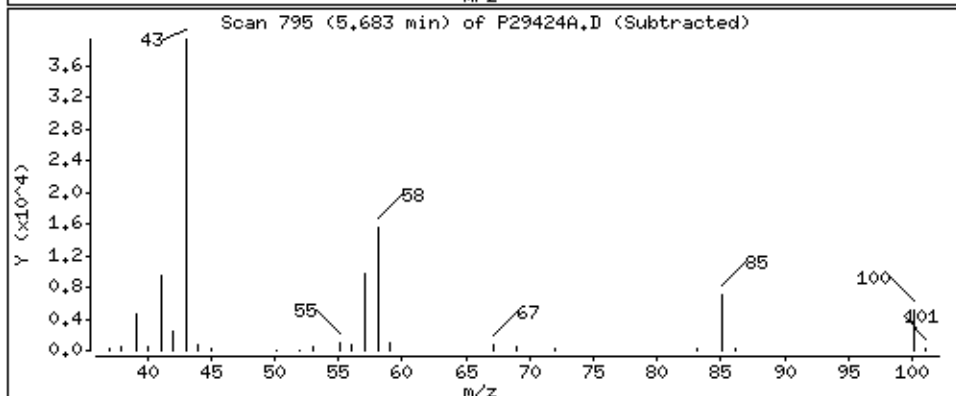
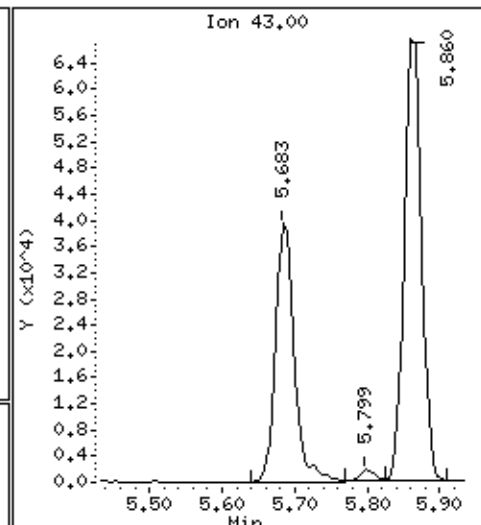
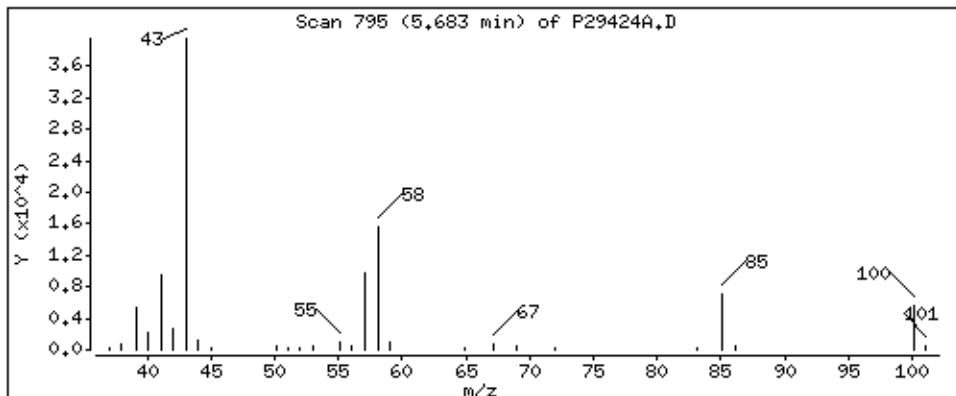
Review Code:



69 4-Methyl-2-pentanone (MIBK)

Concentration: 59,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

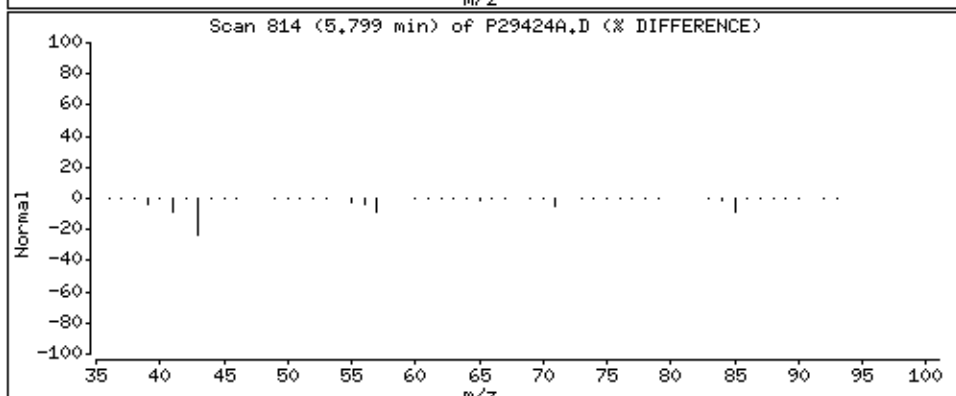
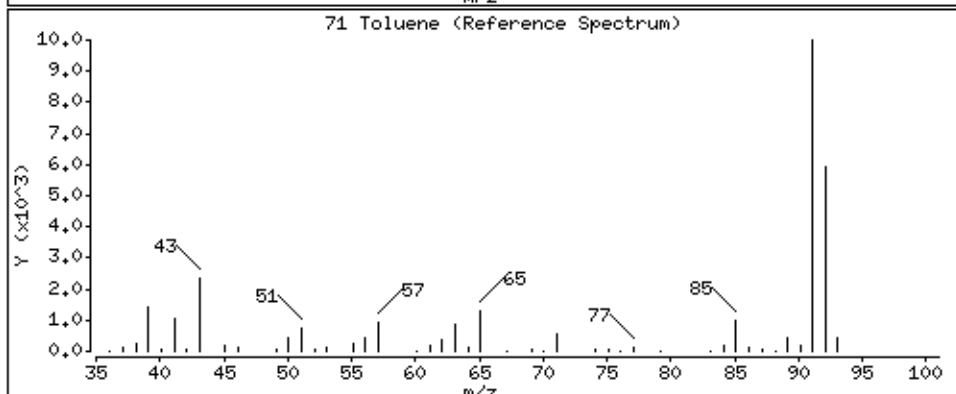
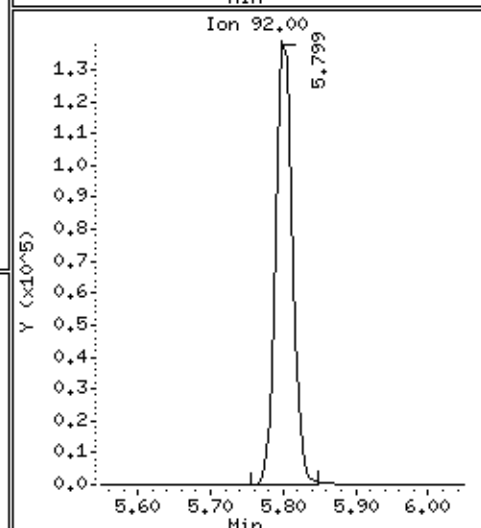
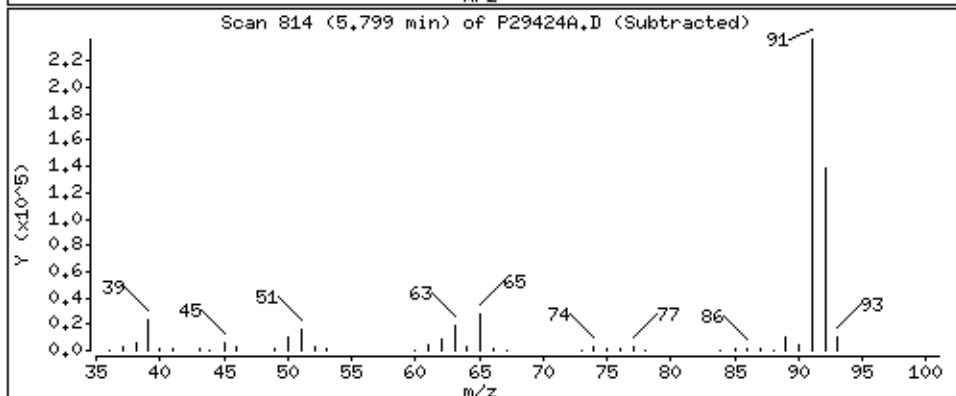
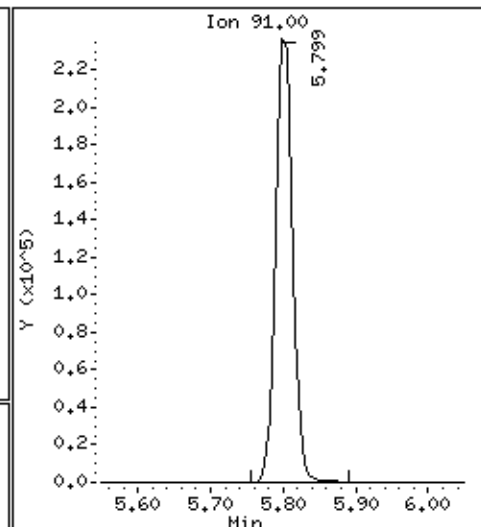
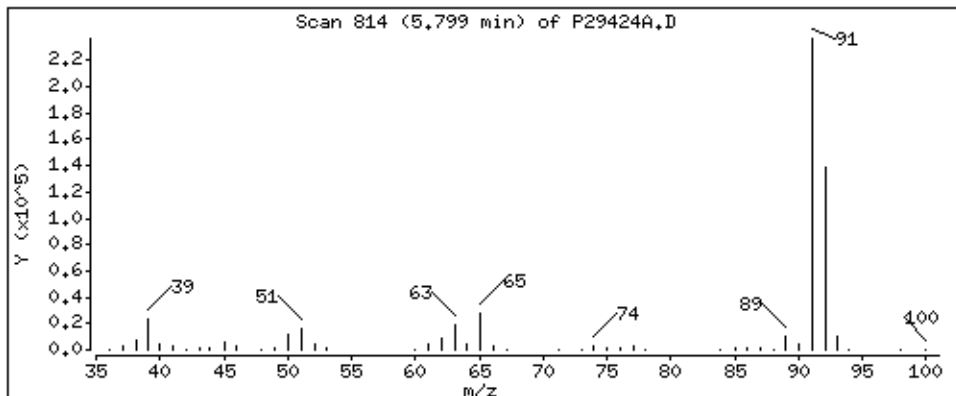
Column phase: RTX-624

Column diameter: 0,18

71 Toluene

Concentration: 49,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

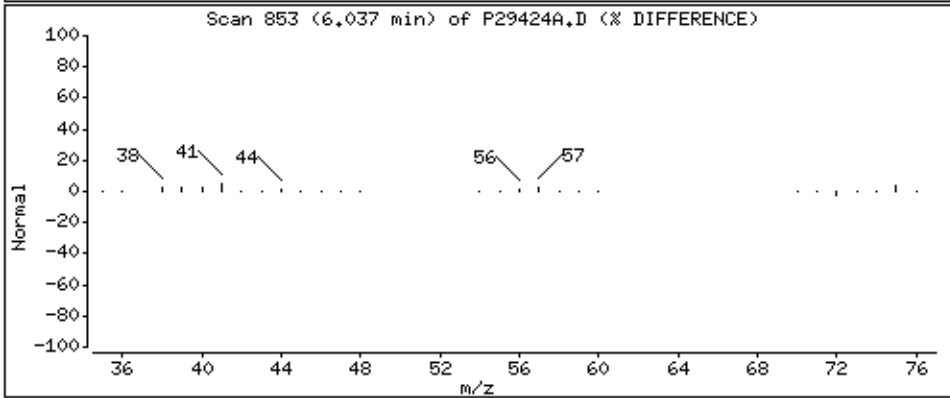
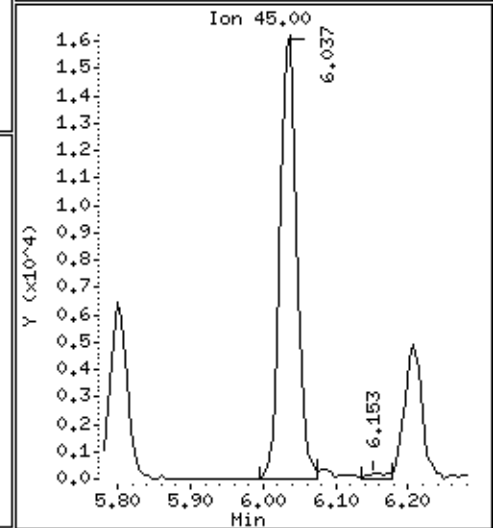
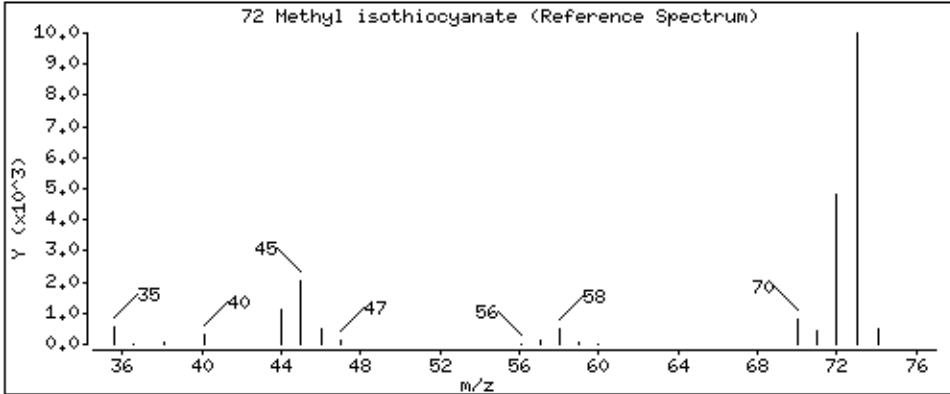
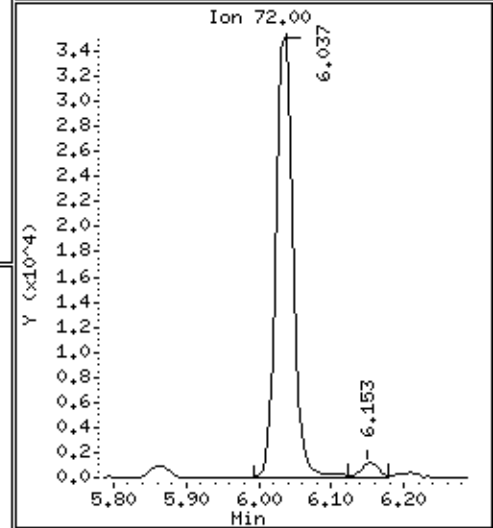
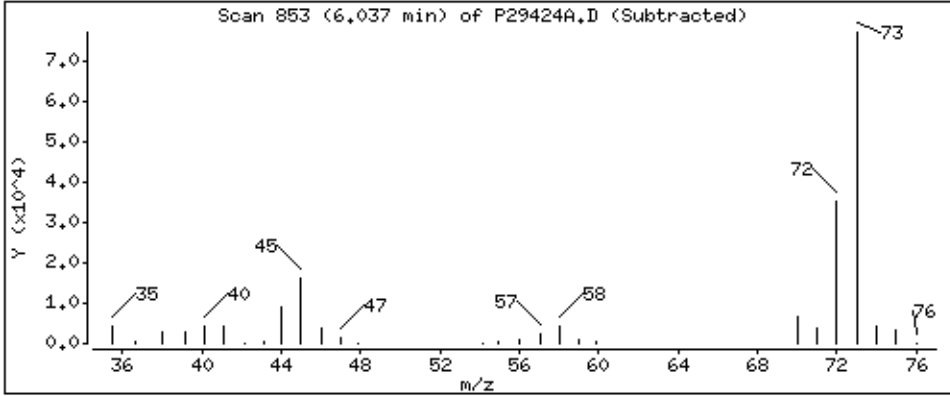
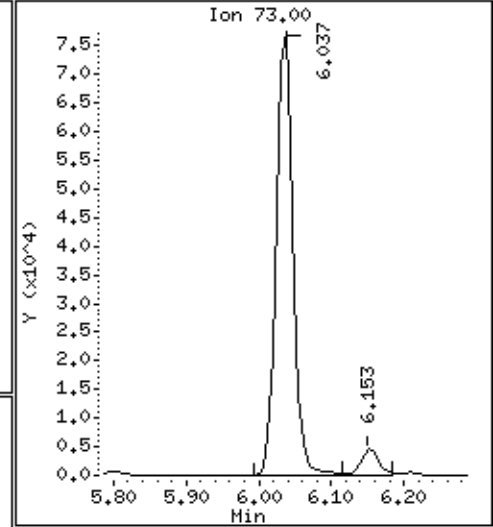
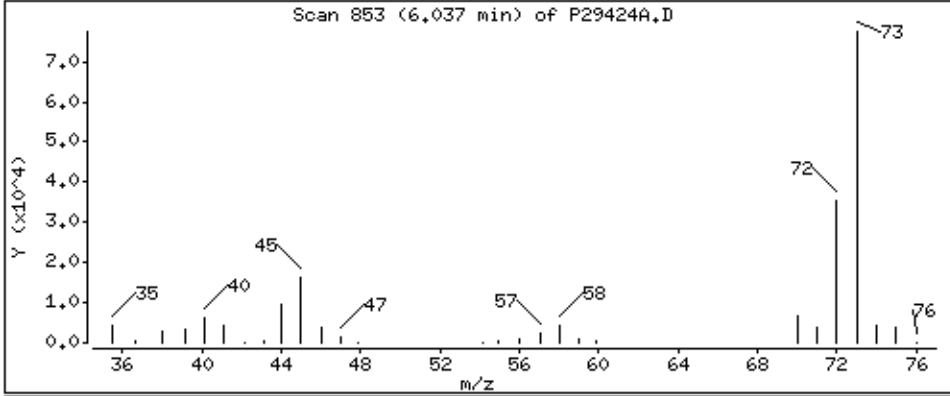
Column phase: RTX-624

Column diameter: 0,18

72 Methyl isothiocyanate

Concentration: 132 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

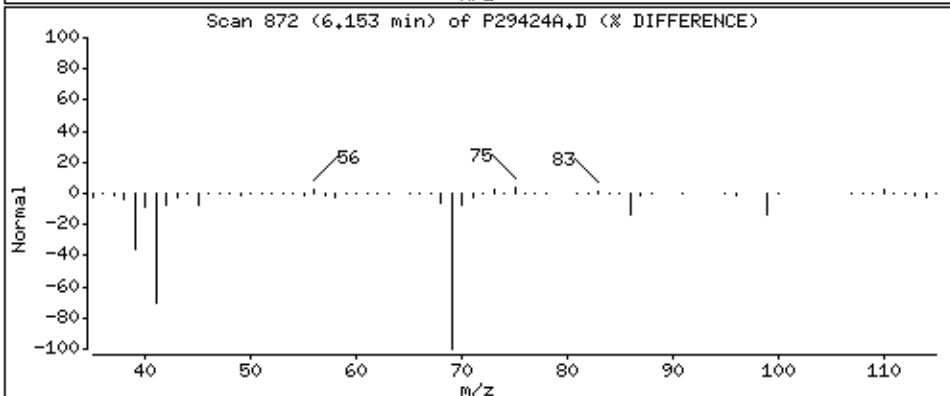
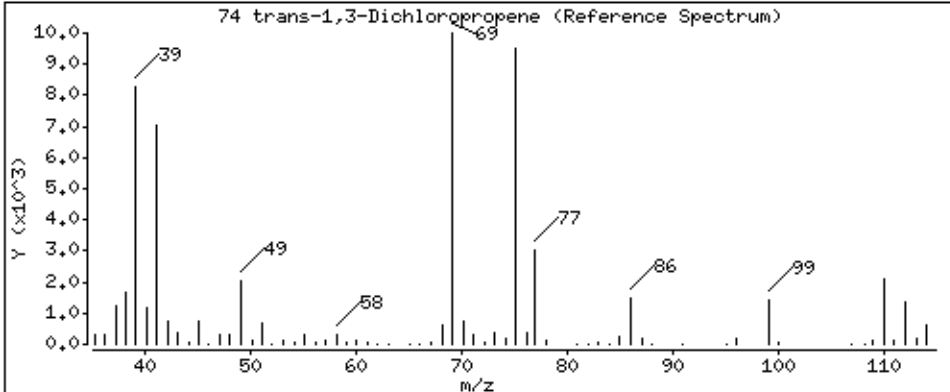
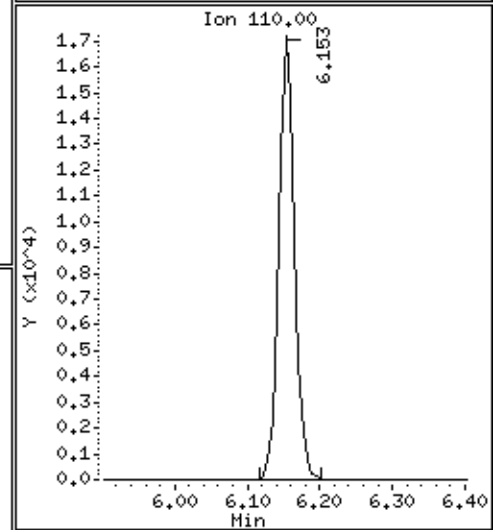
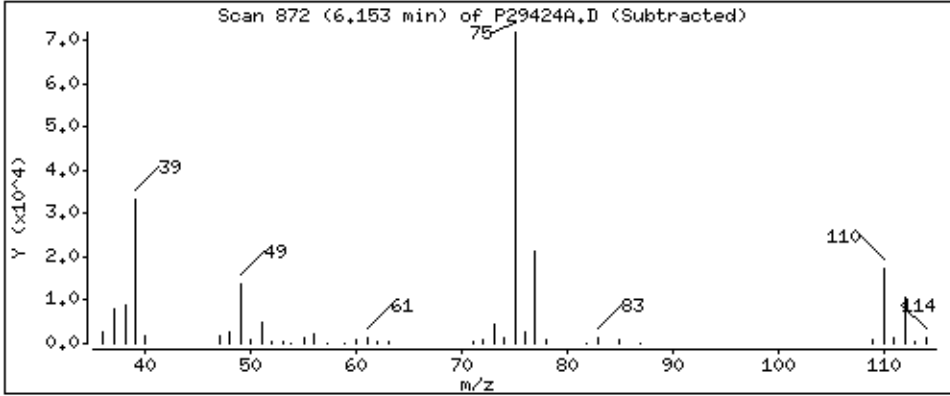
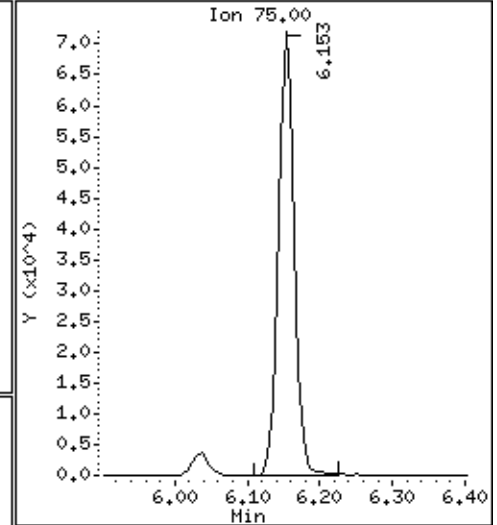
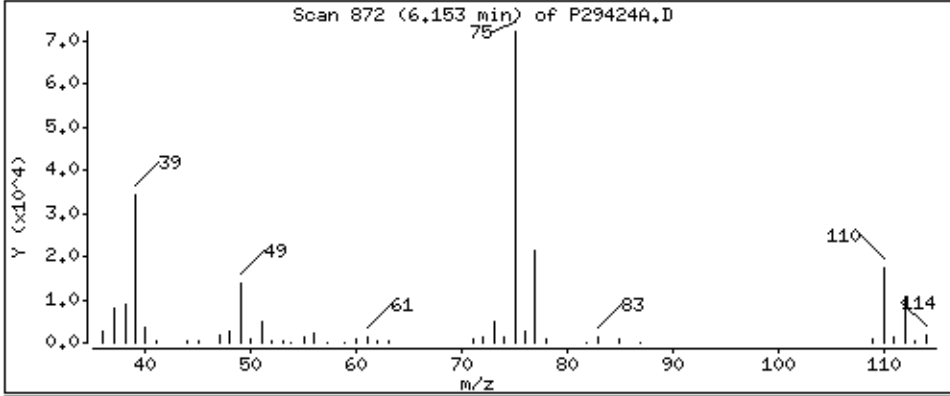
Column phase: RTX-624

Column diameter: 0,18

74 trans-1,3-Dichloropropene

Concentration: 42.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

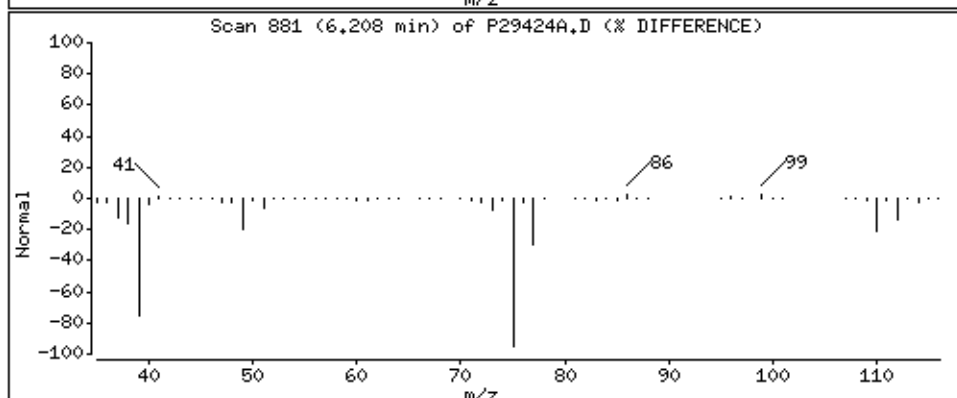
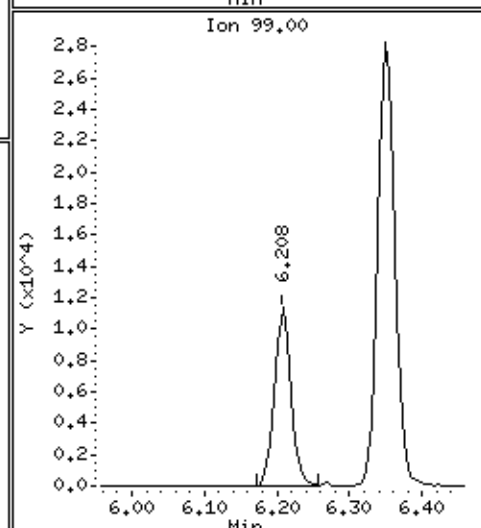
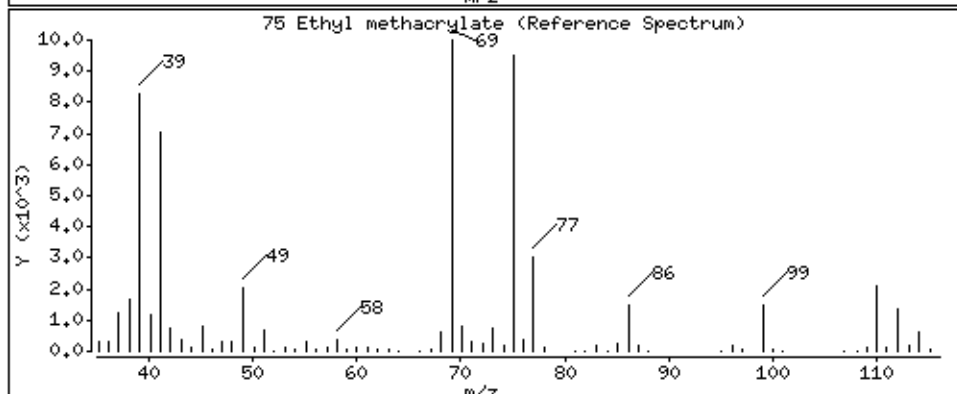
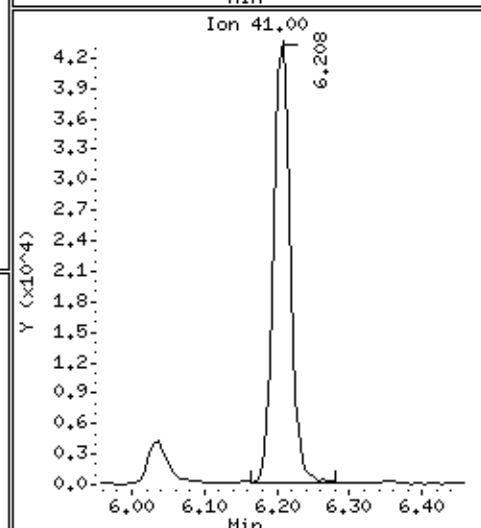
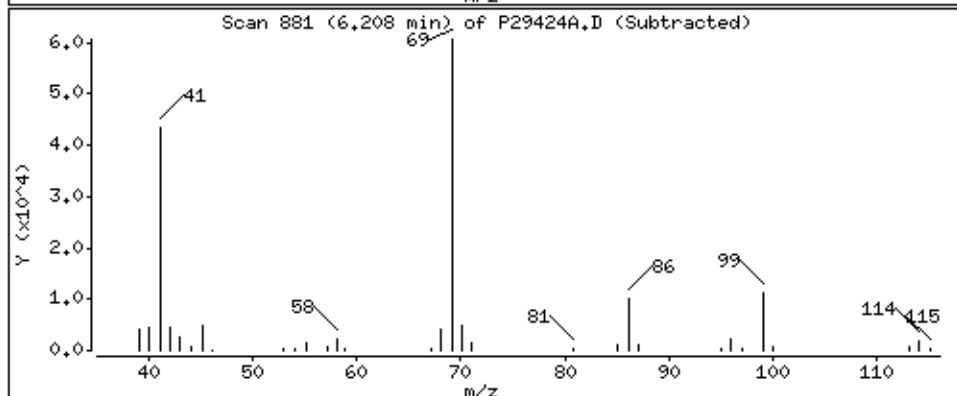
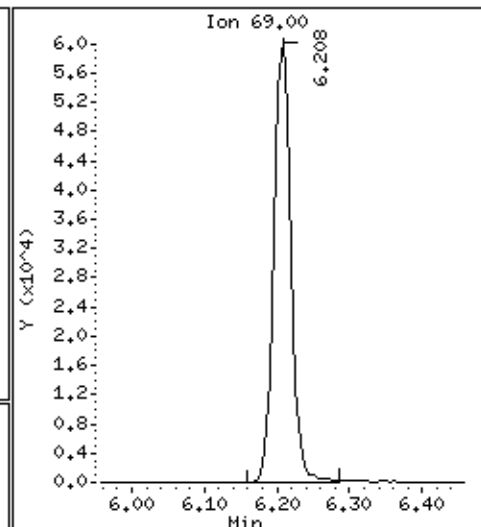
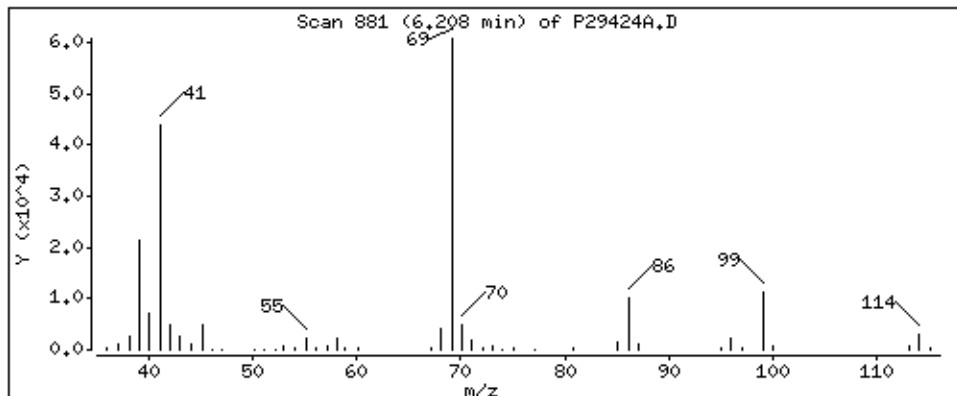
Column phase: RTX-624

Column diameter: 0,18

75 Ethyl methacrylate

Concentration: 49,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

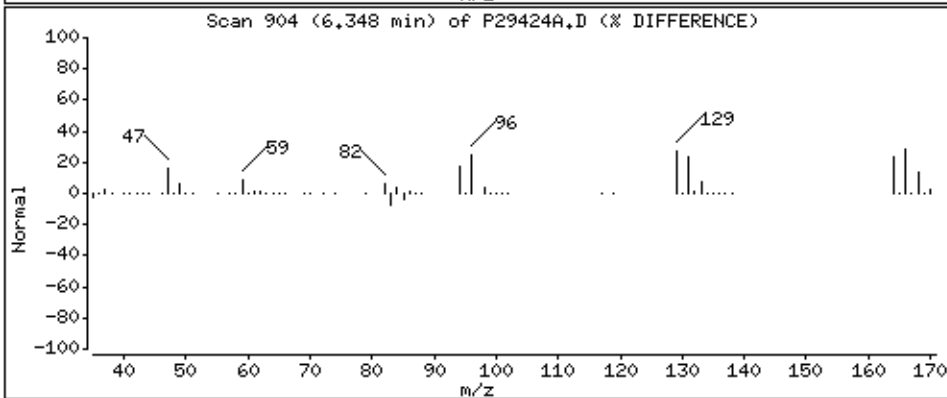
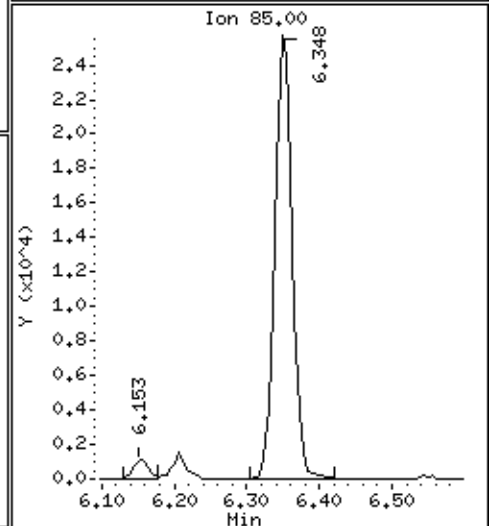
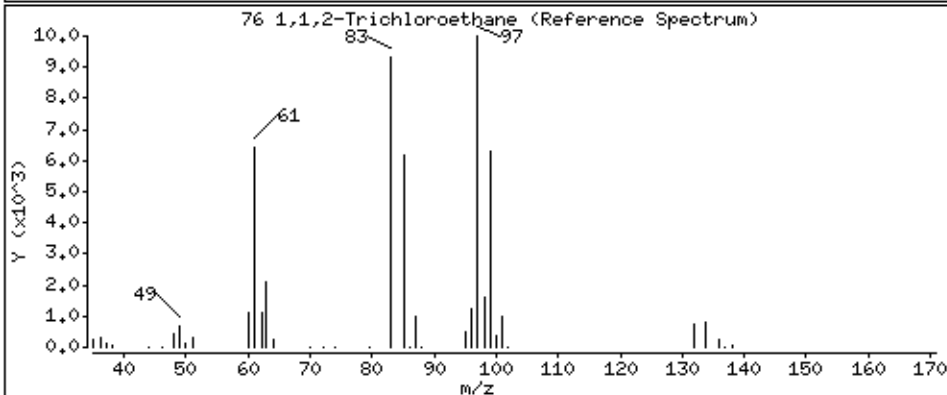
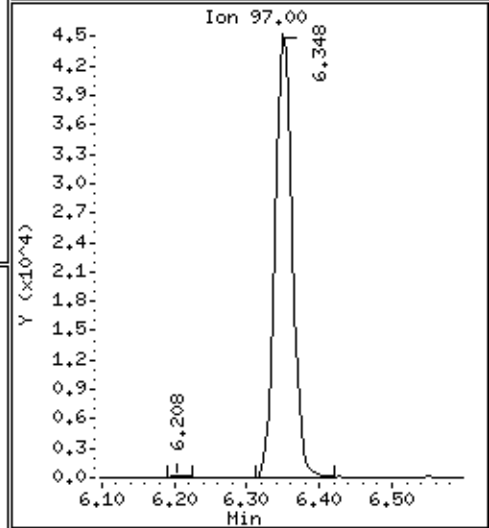
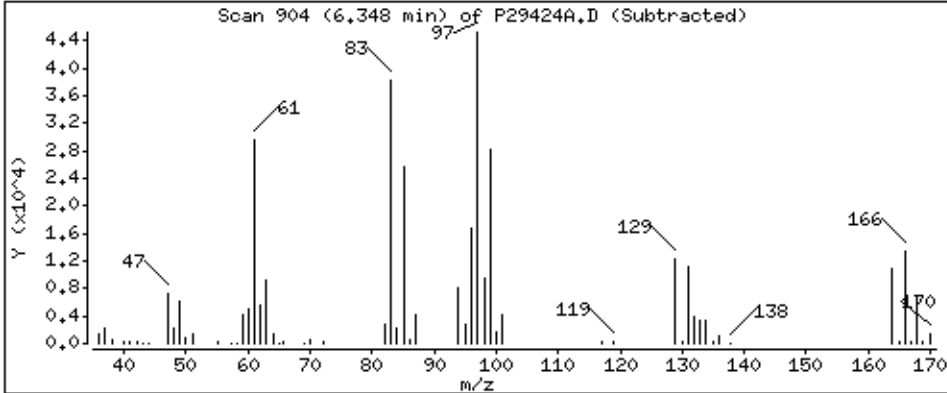
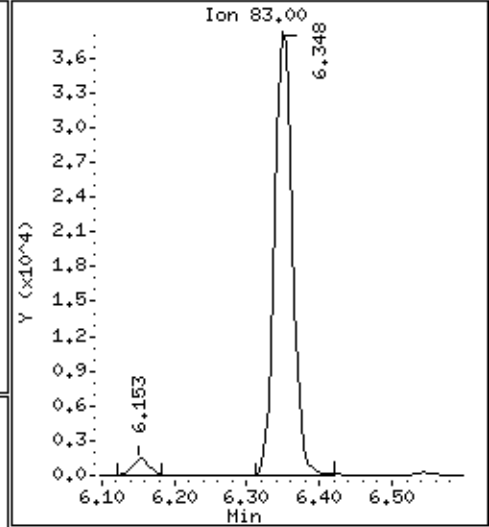
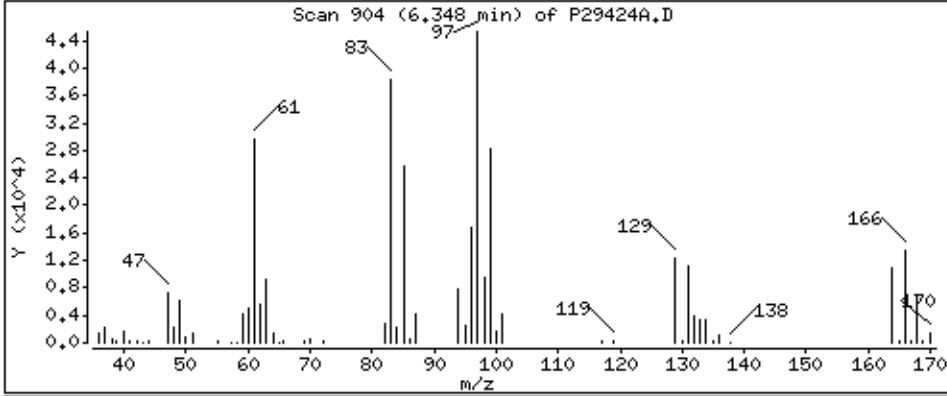
Column phase: RTX-624

Column diameter: 0,18

76 1,1,2-Trichloroethane

Concentration: 51,1 ug/L

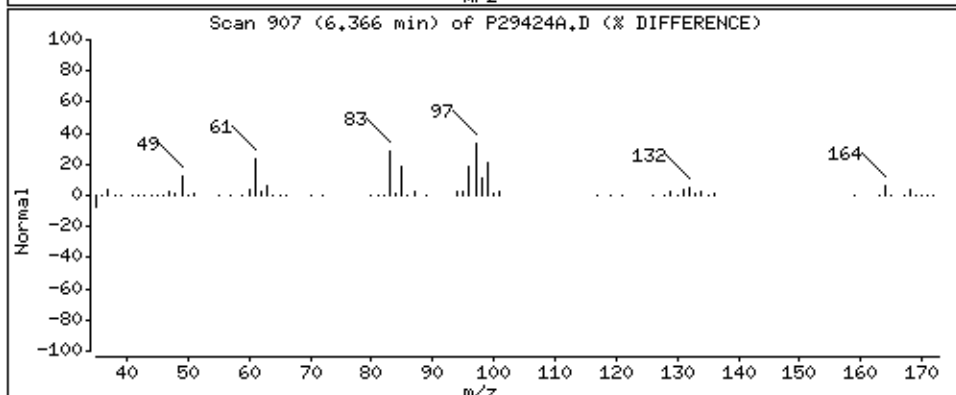
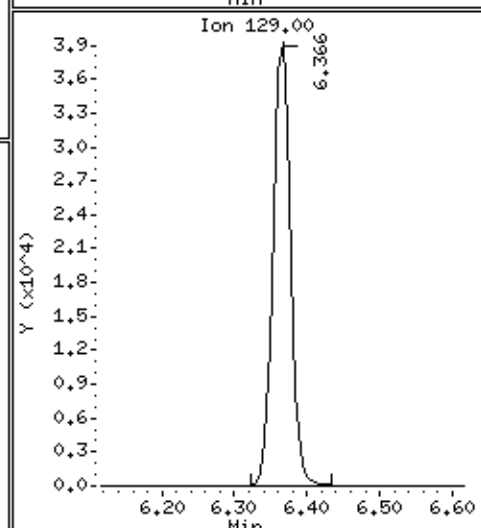
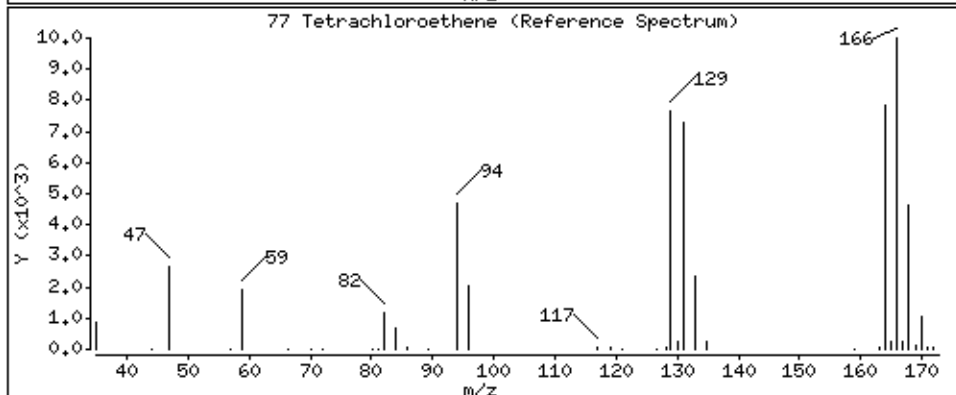
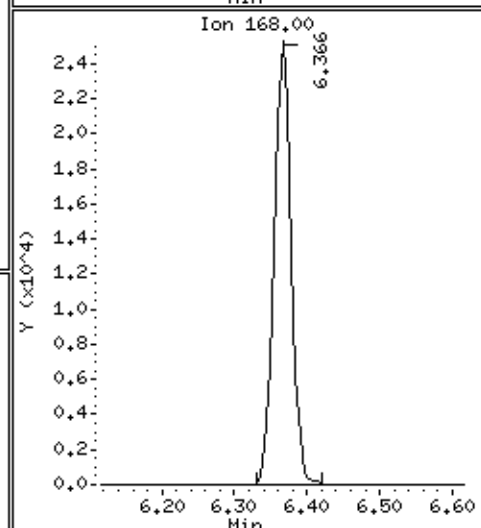
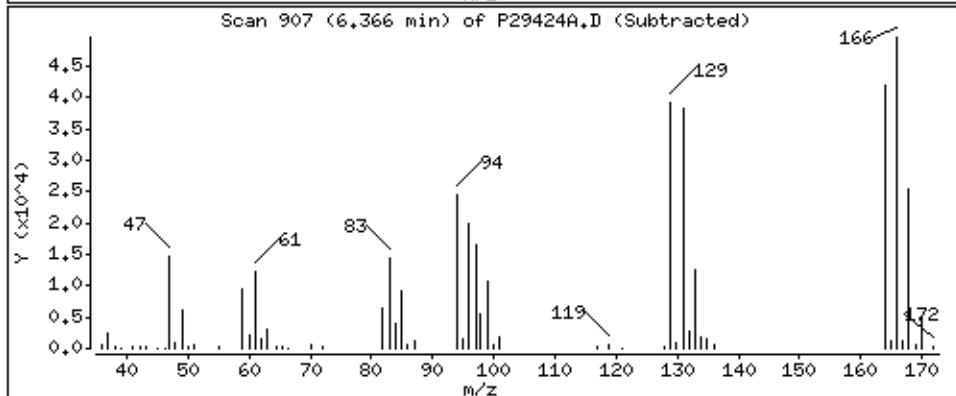
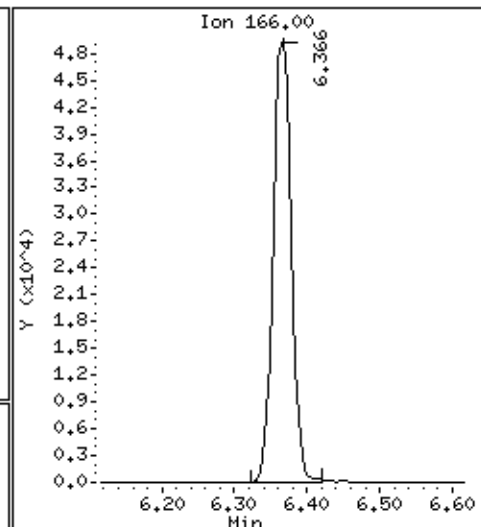
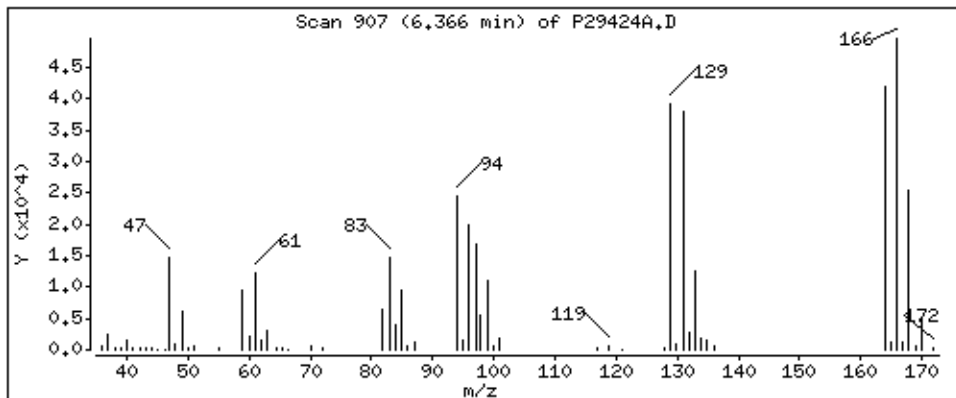
Review Code:



77 Tetrachloroethene

Concentration: 48.7 ug/L

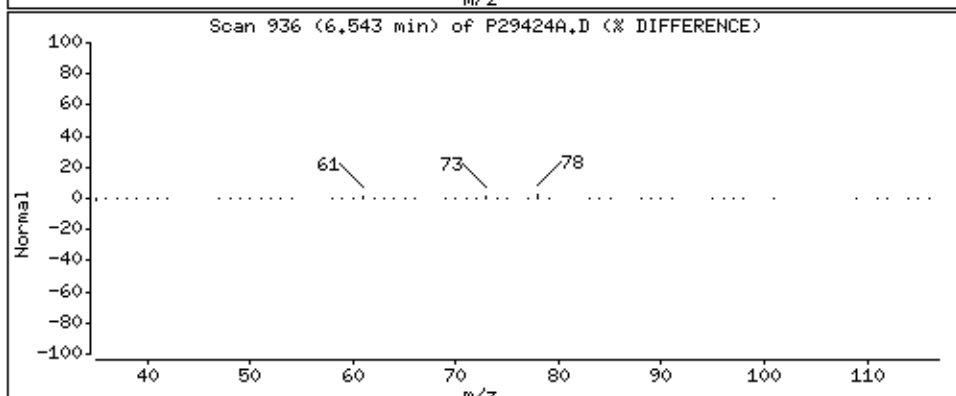
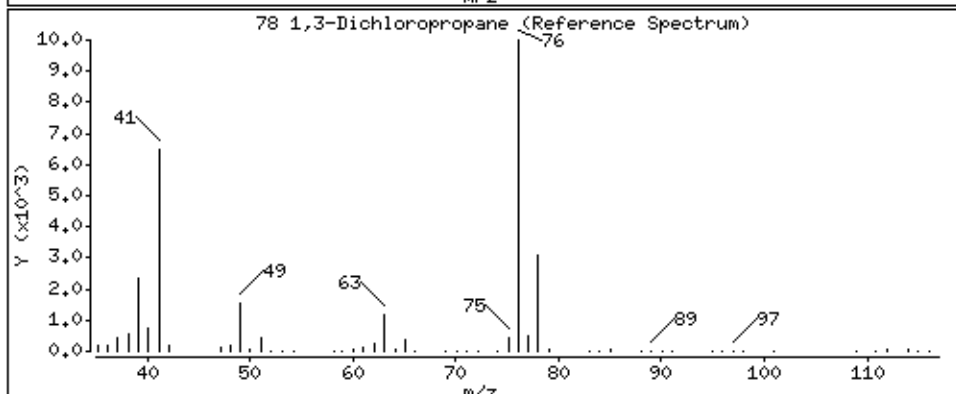
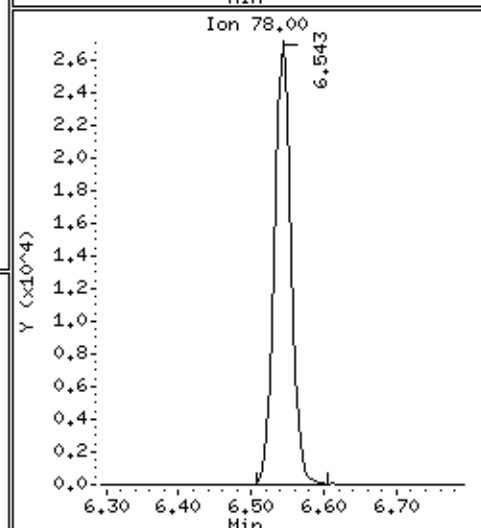
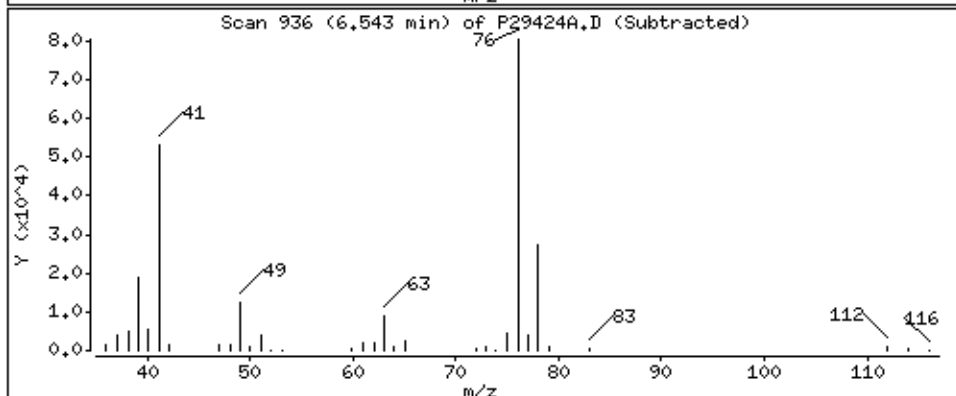
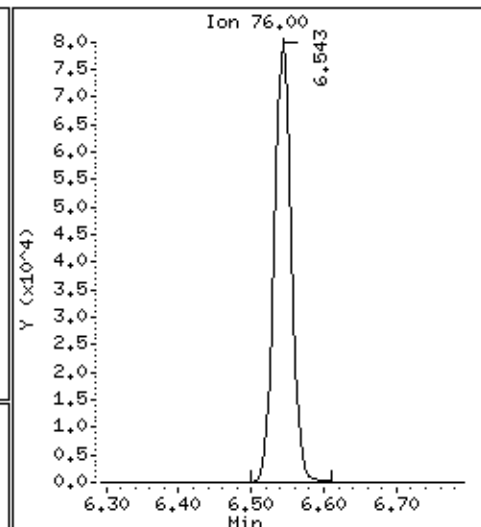
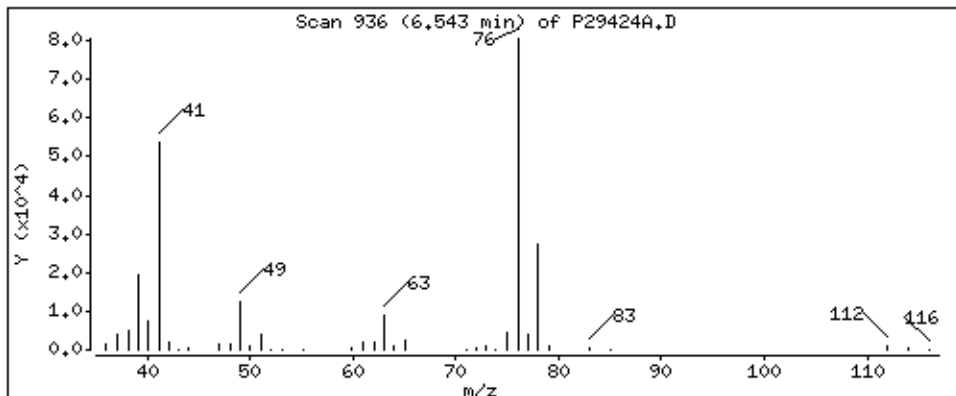
Review Code:



78 1,3-Dichloropropane

Concentration: 51.4 ug/L

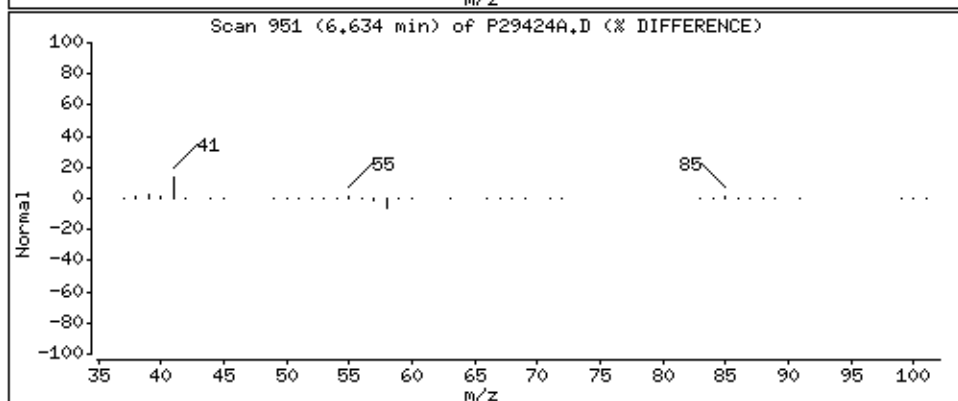
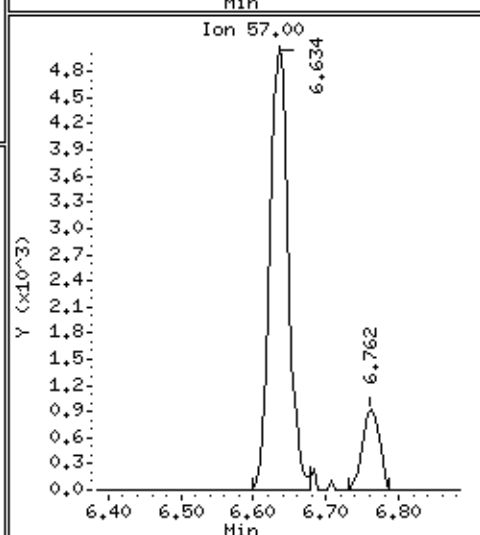
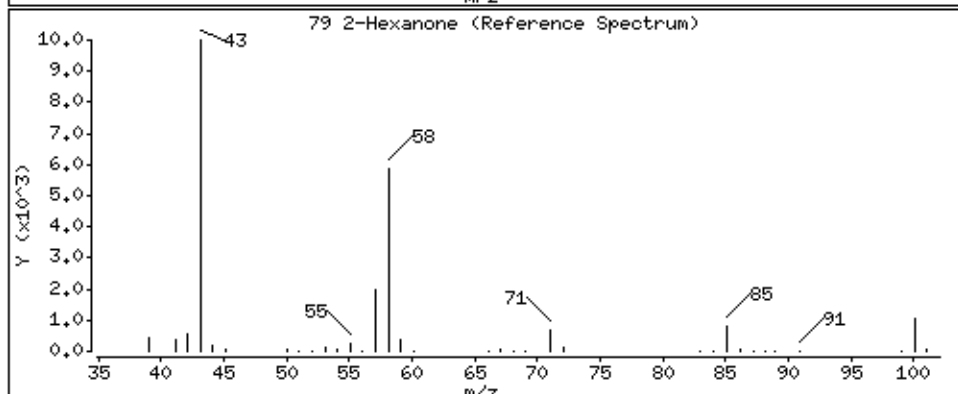
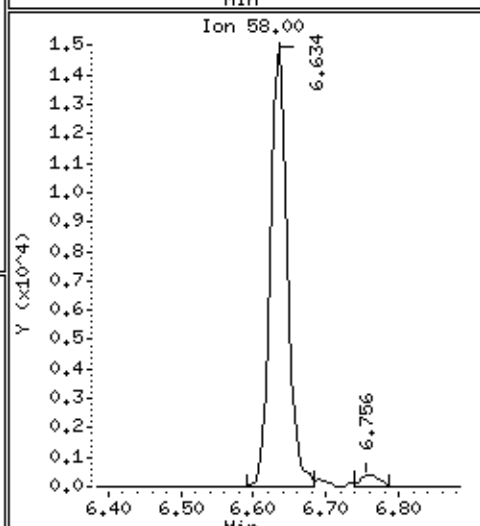
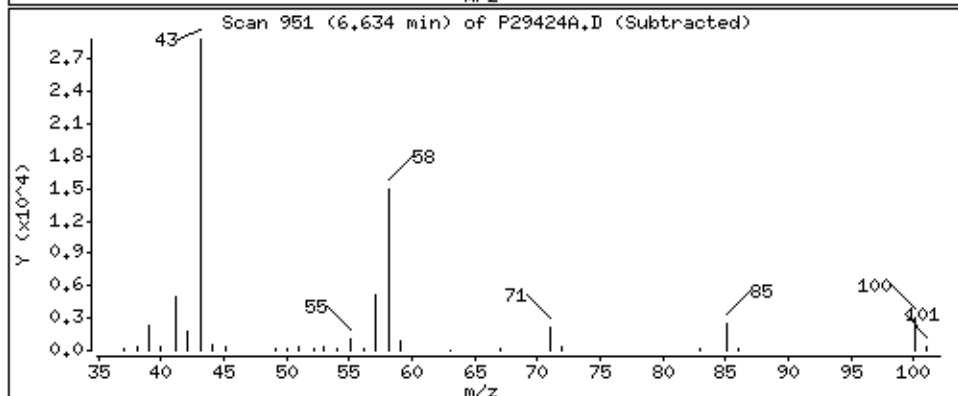
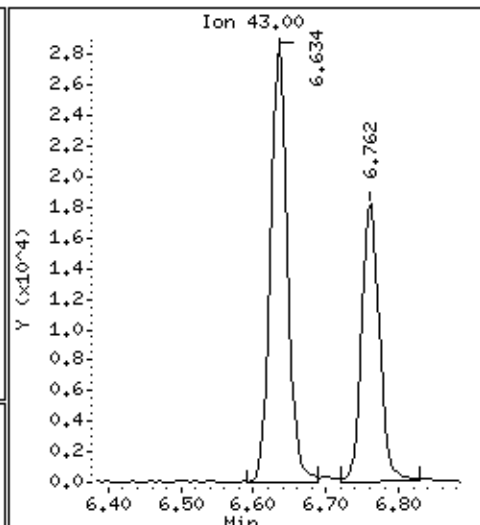
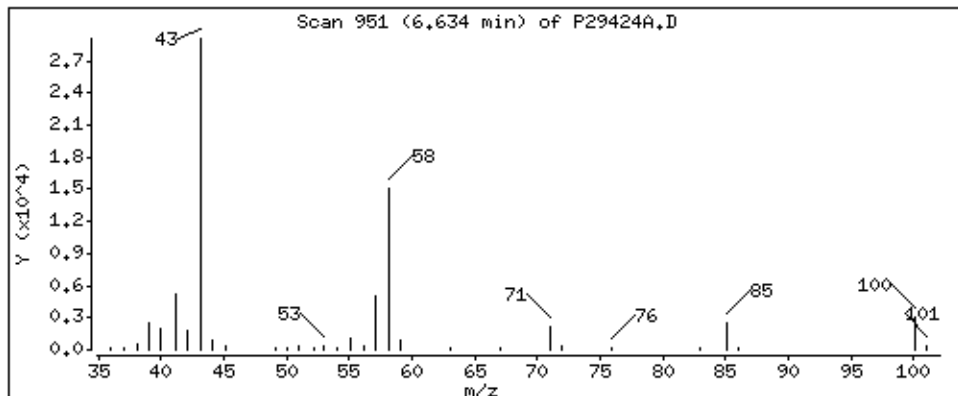
Review Code:



79 2-Hexanone

Concentration: 54,2 ug/L

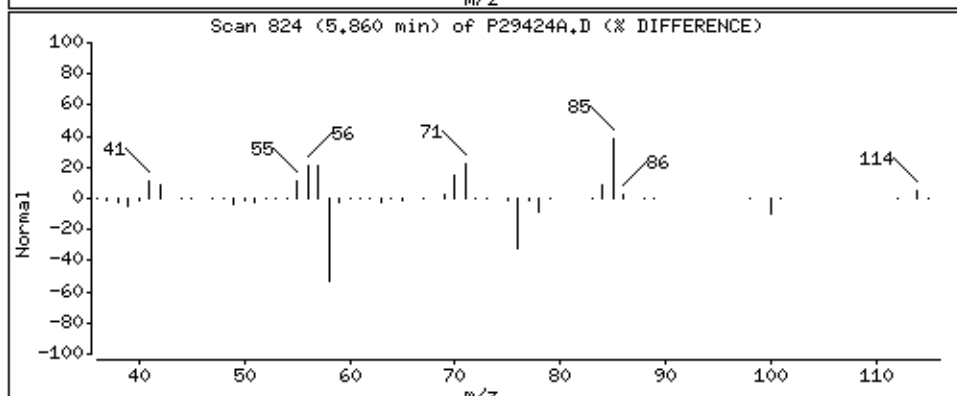
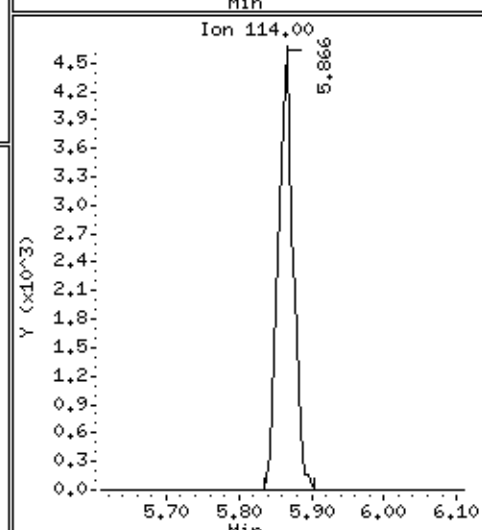
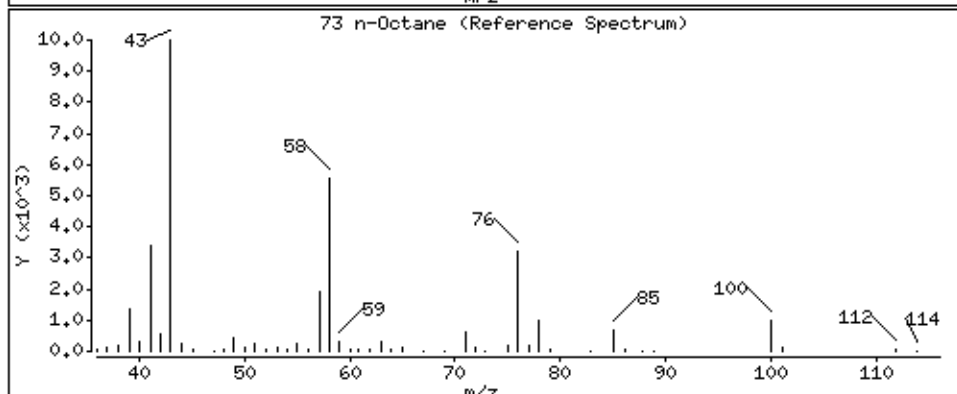
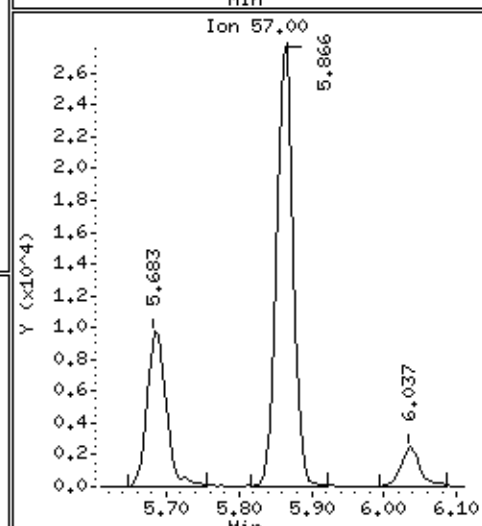
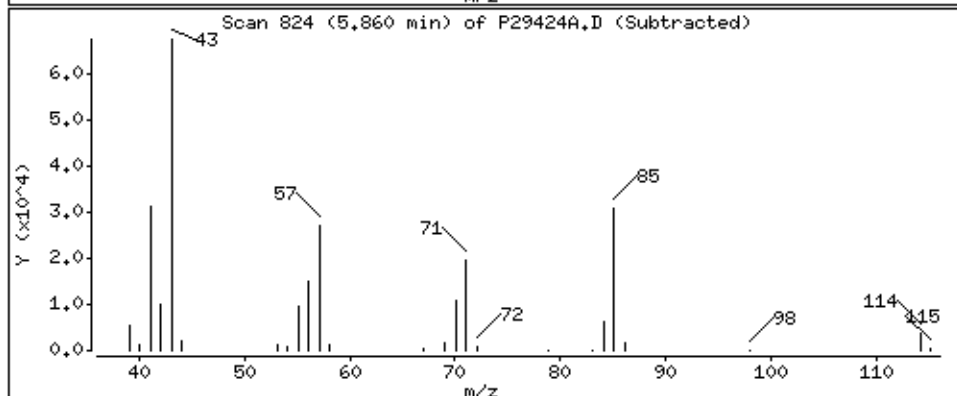
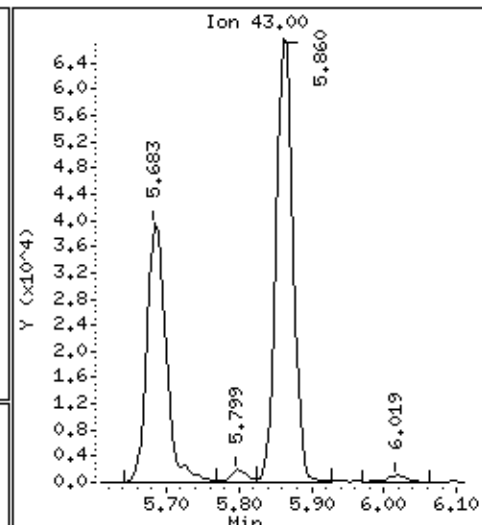
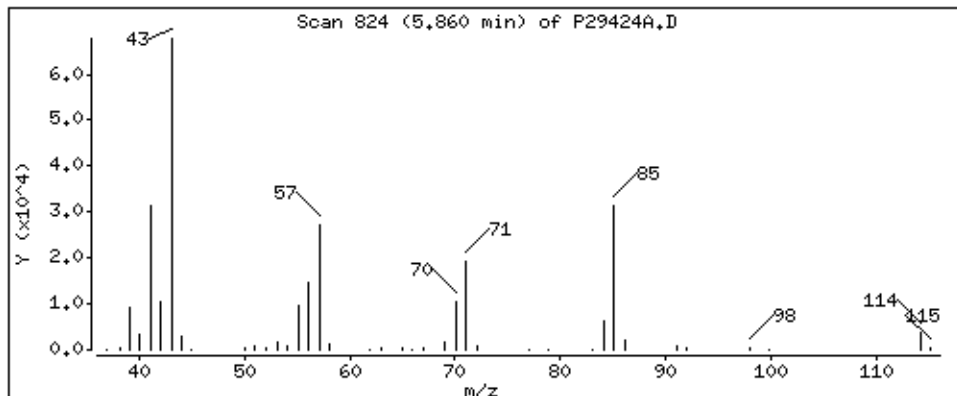
Review Code:



73 n-Octane

Concentration: 51.8 ug/L

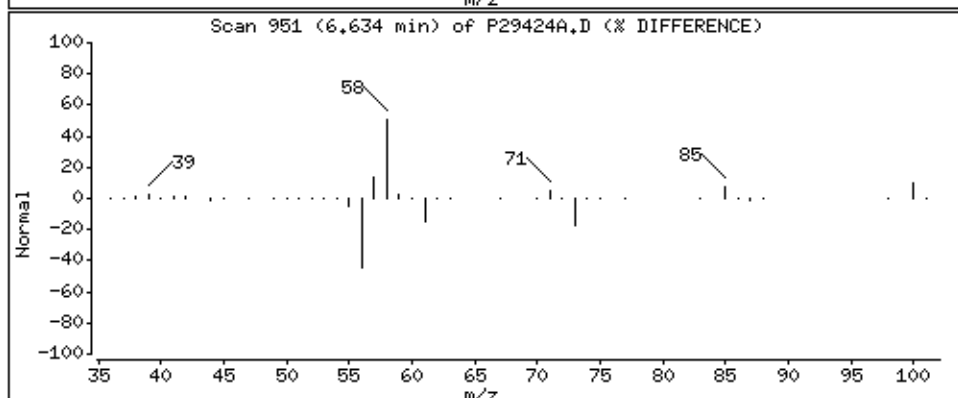
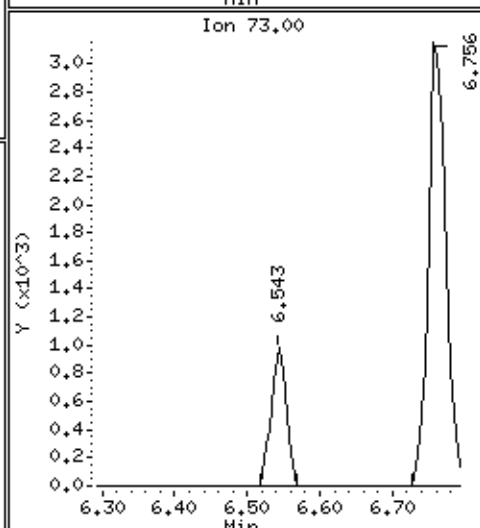
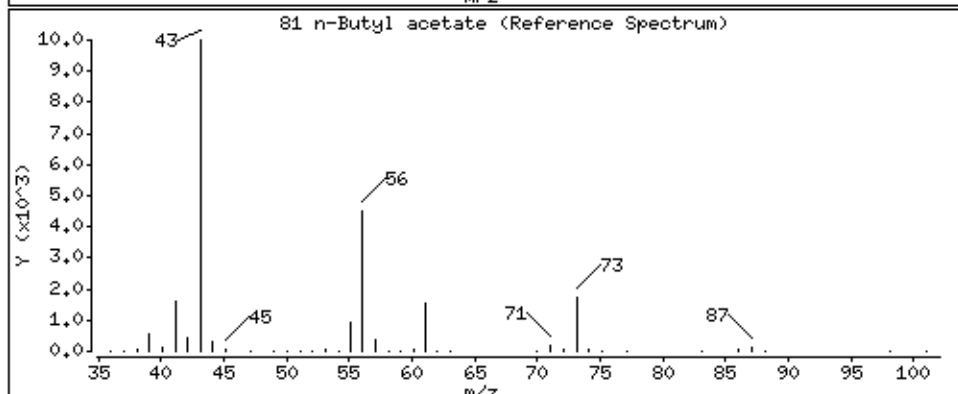
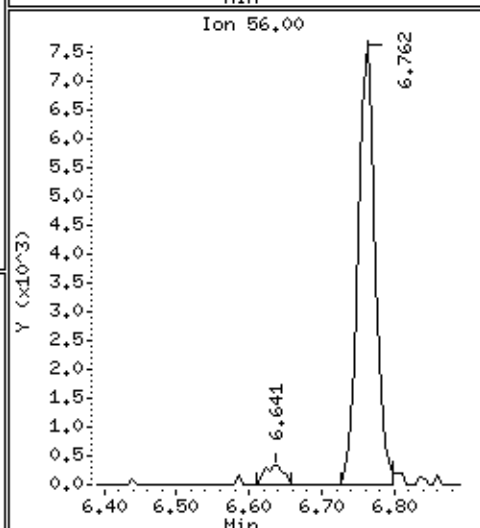
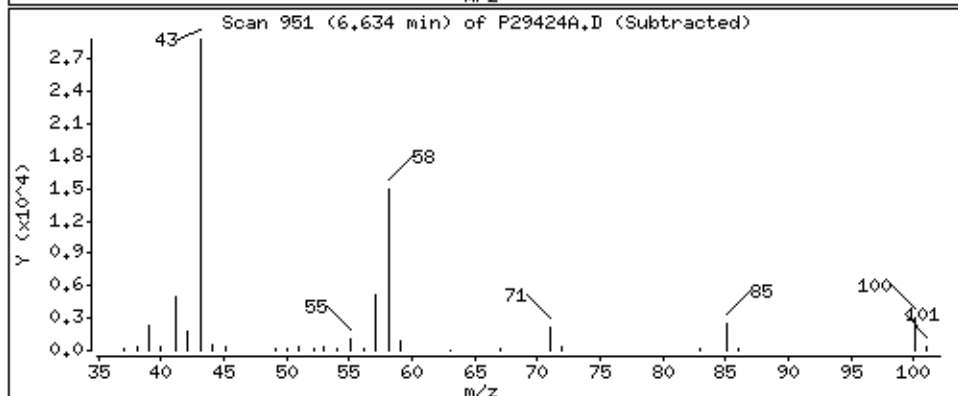
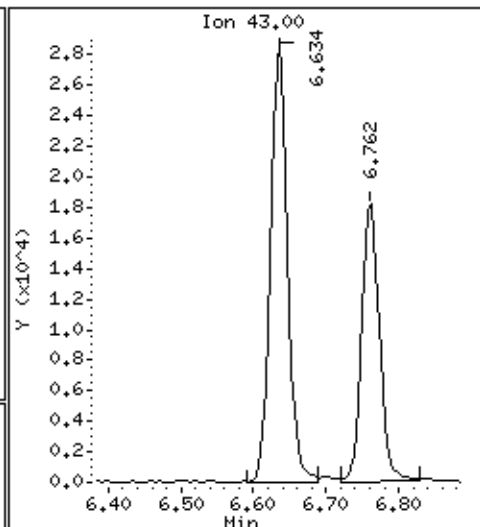
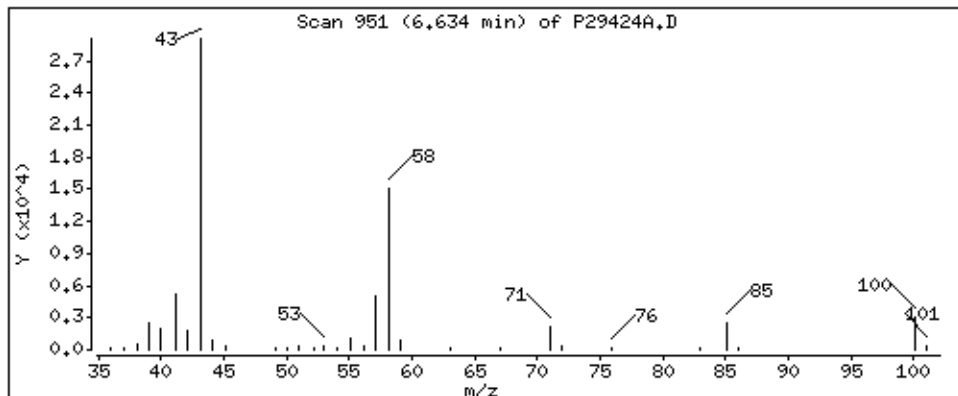
Review Code:



81 n-Butyl acetate

Concentration: 25,4 ug/L

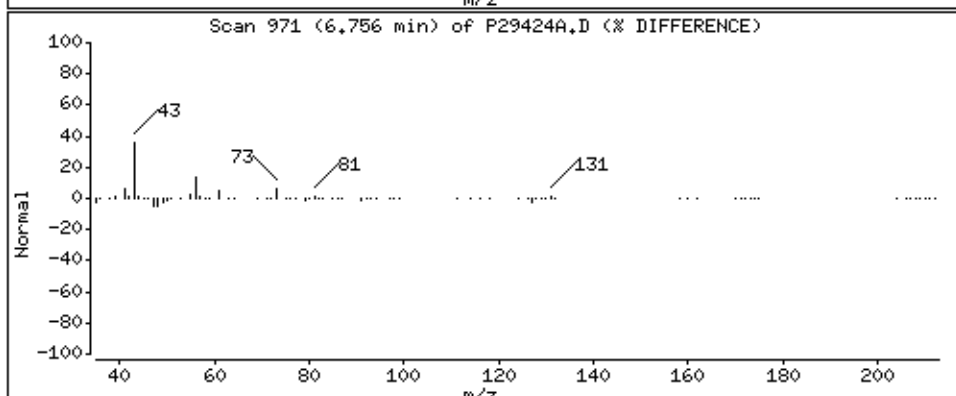
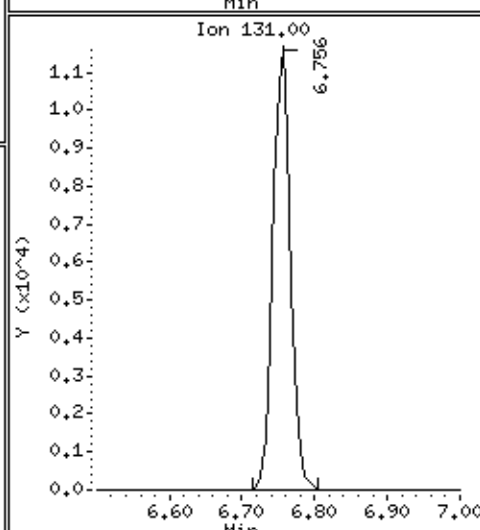
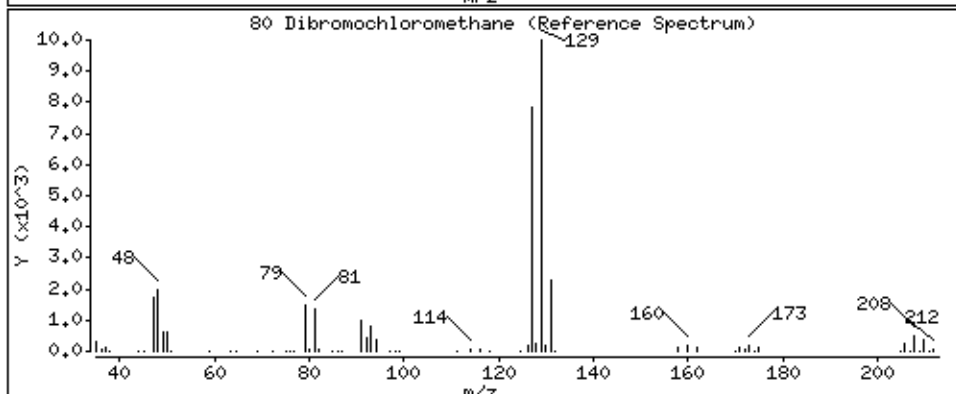
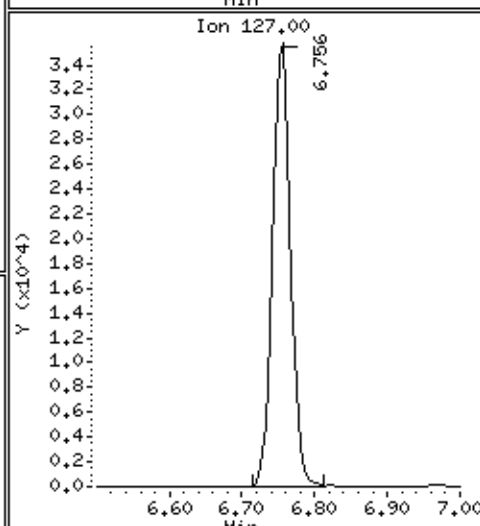
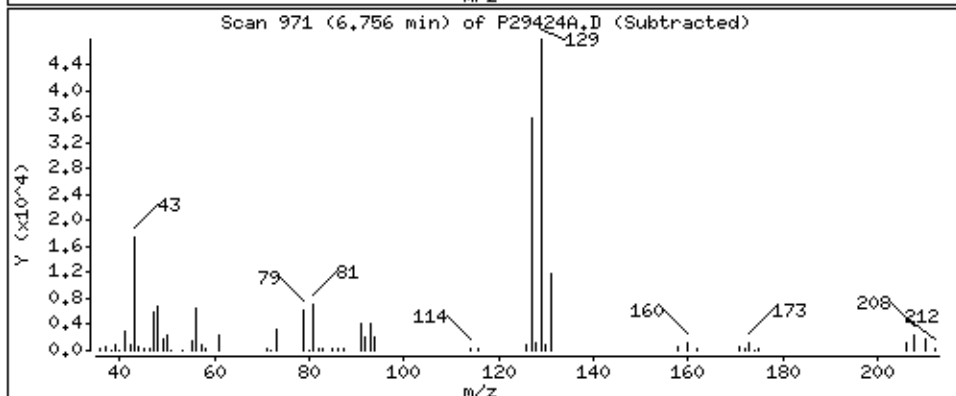
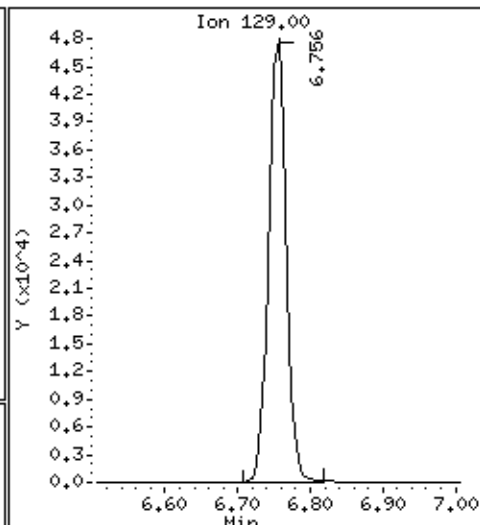
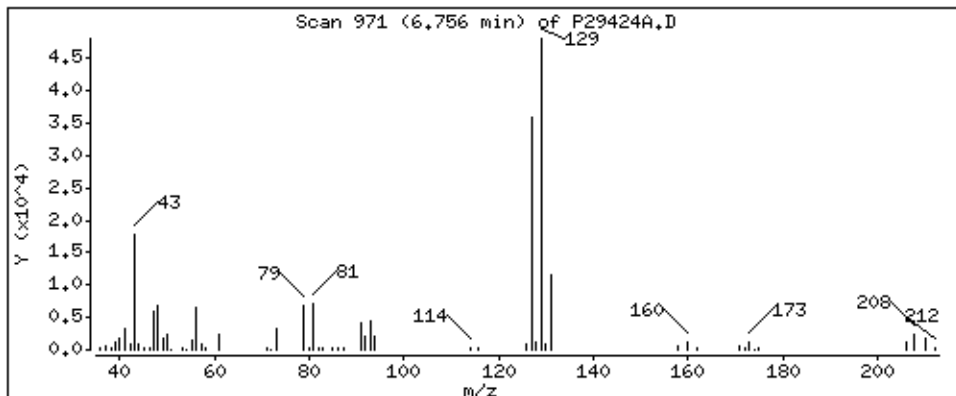
Review Code:



80 Dibromochloromethane

Concentration: 51.1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

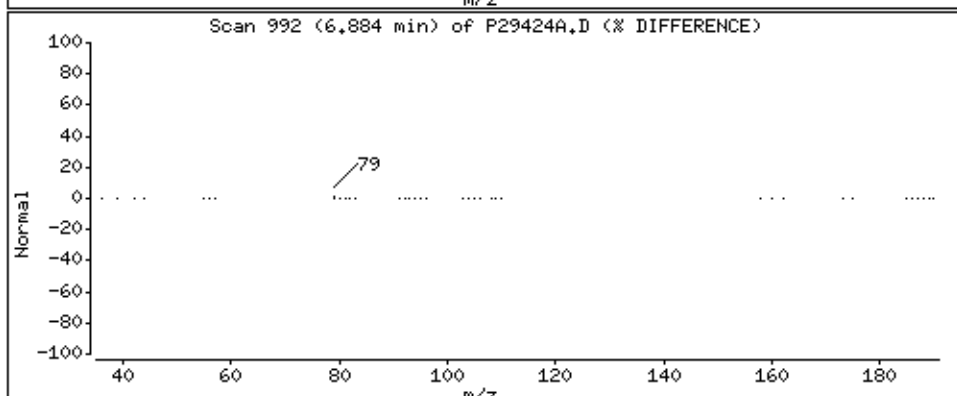
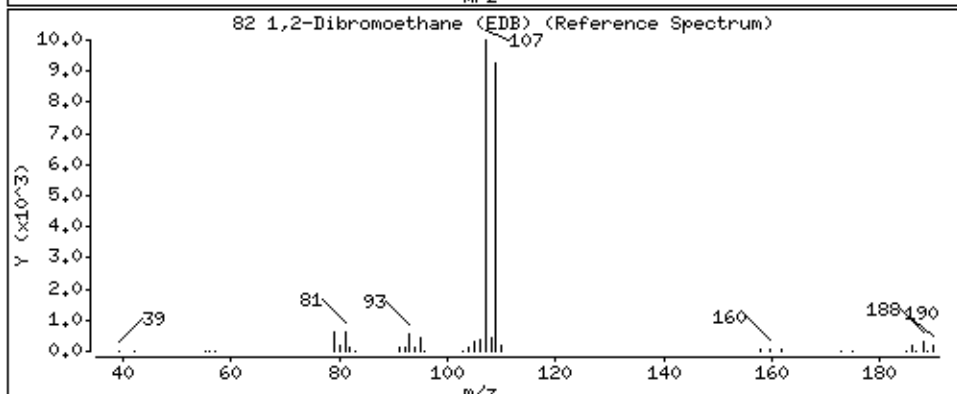
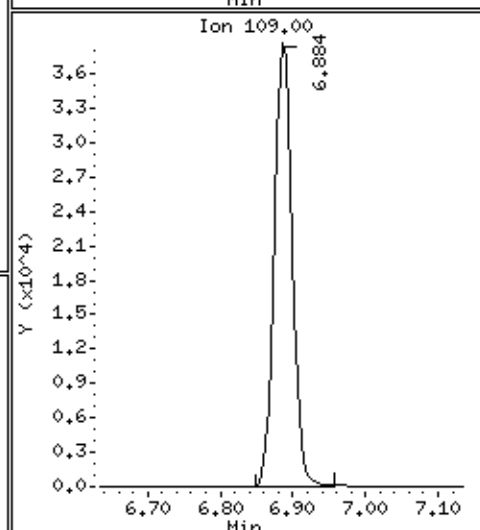
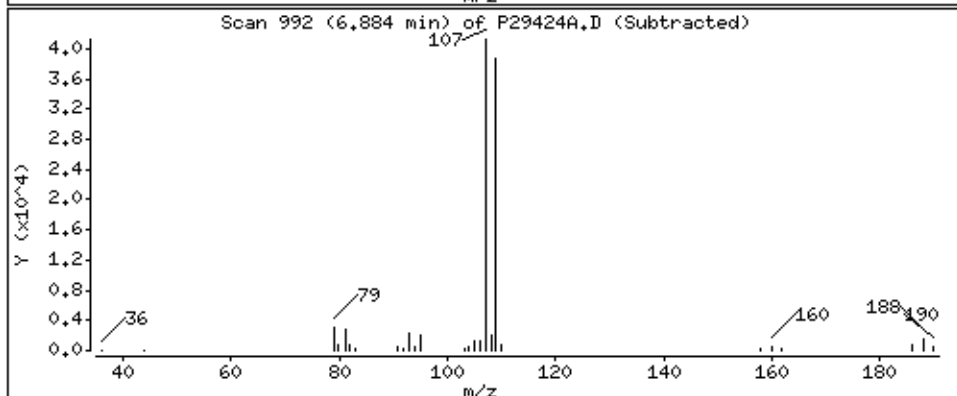
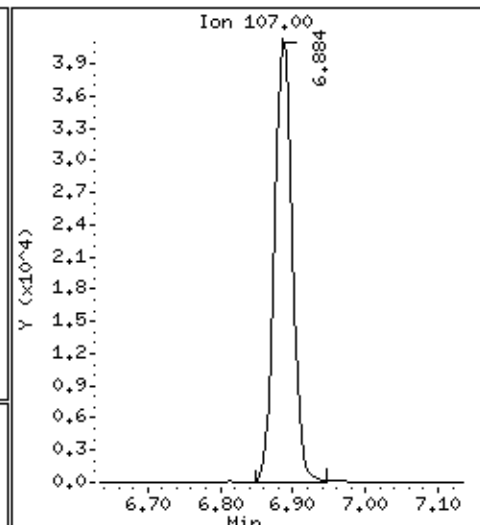
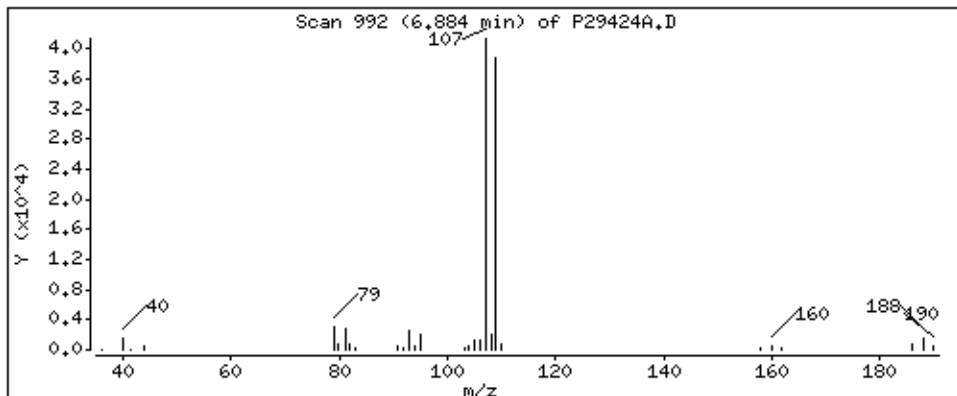
Column phase: RTX-624

Column diameter: 0,18

82 1,2-Dibromoethane (EDB)

Concentration: 48,8 ug/L

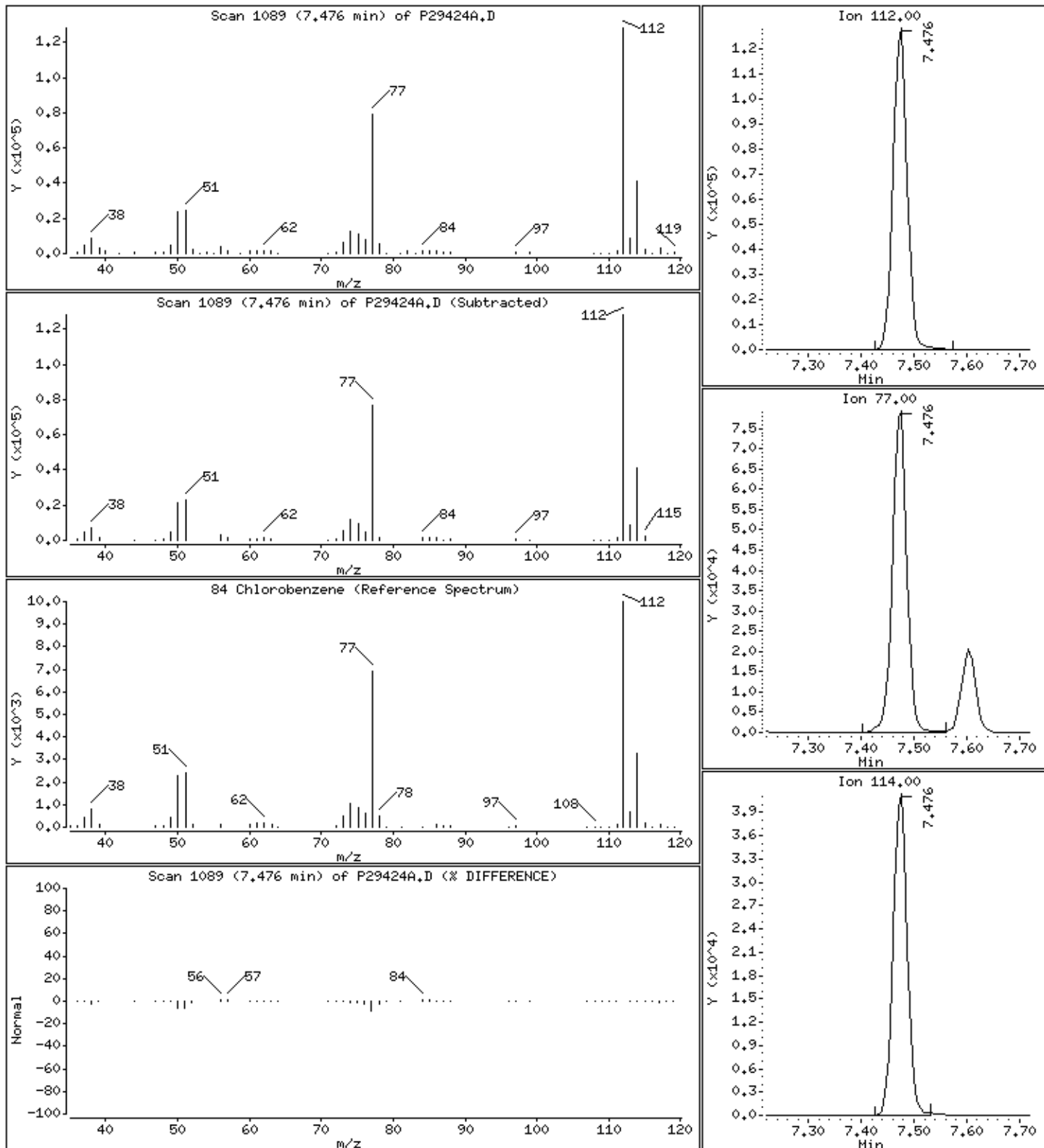
Review Code:



84 Chlorobenzene

Concentration: 48,0 ug/L

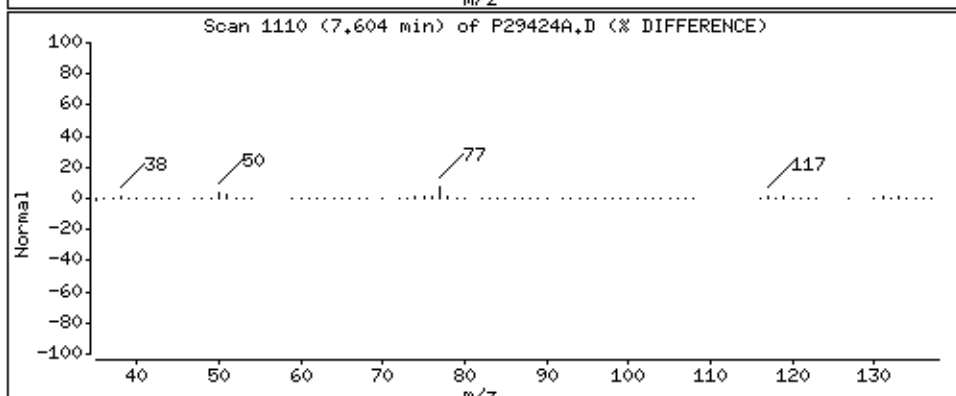
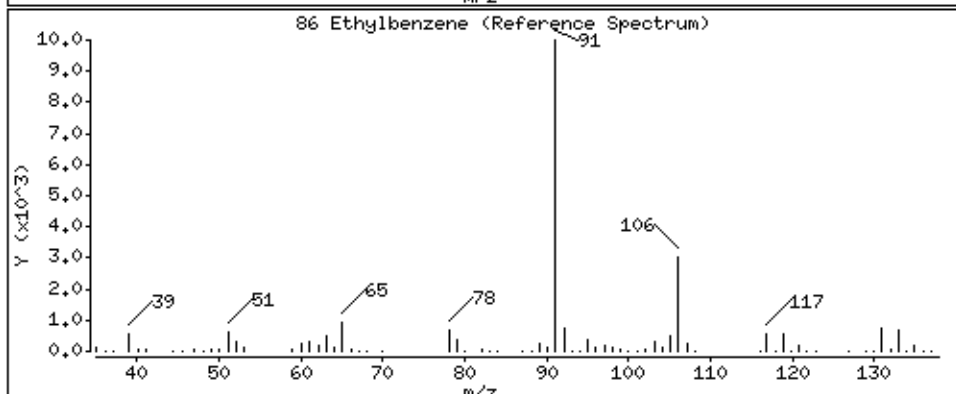
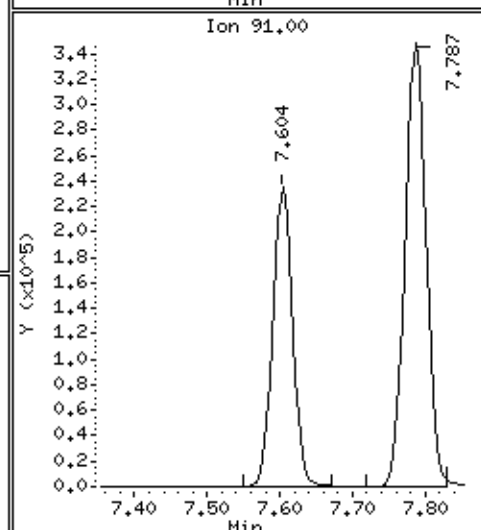
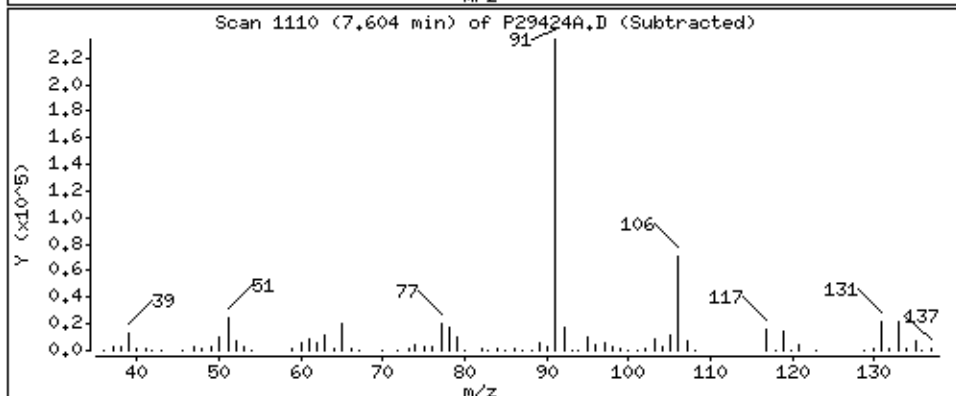
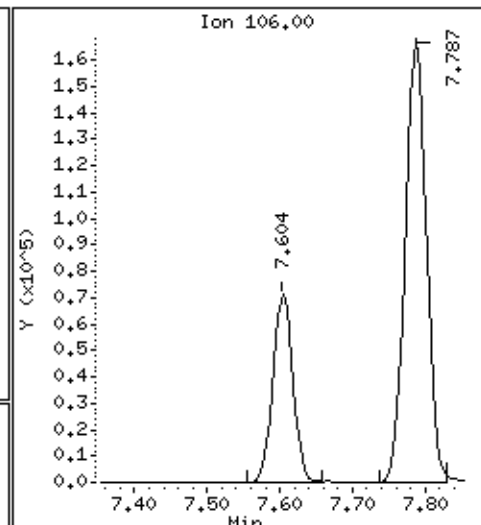
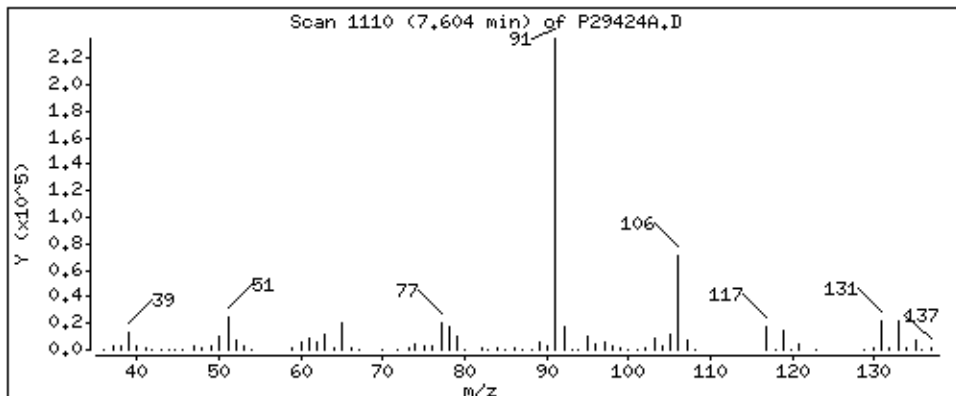
Review Code:



86 Ethylbenzene

Concentration: 46,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

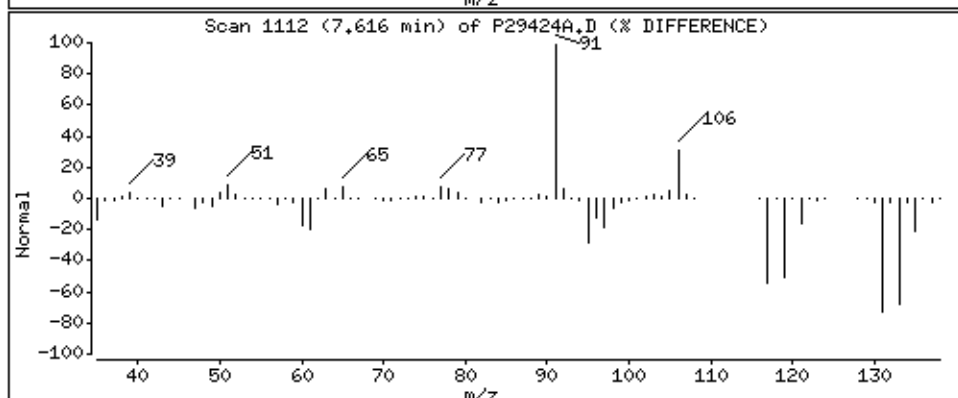
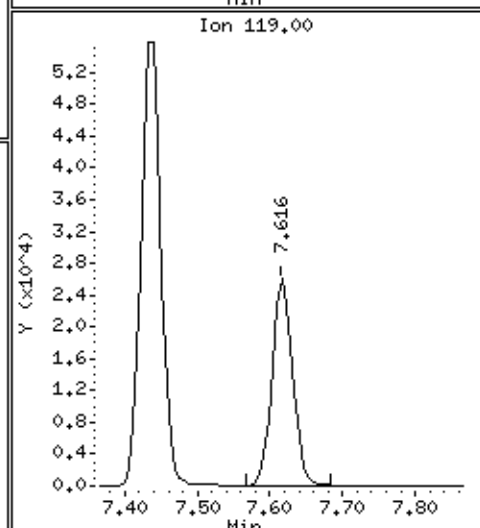
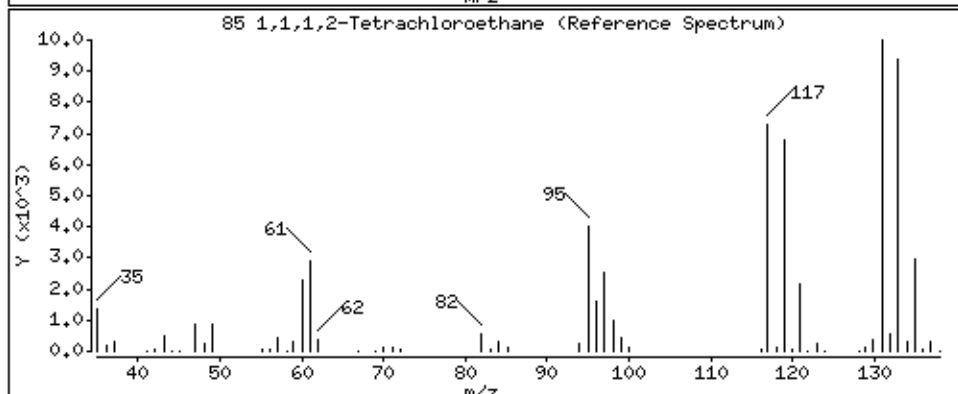
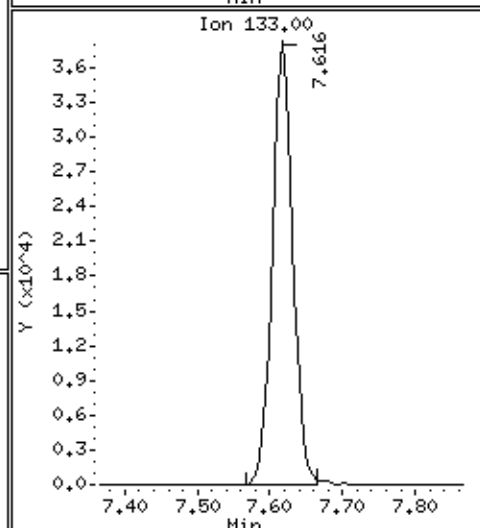
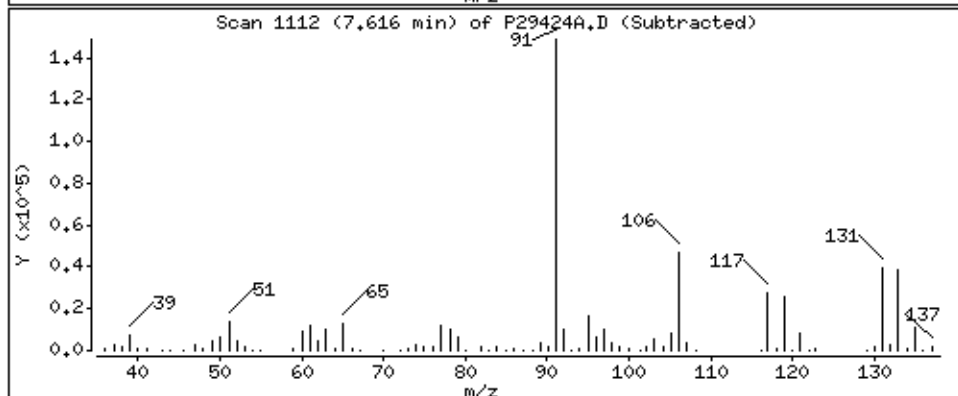
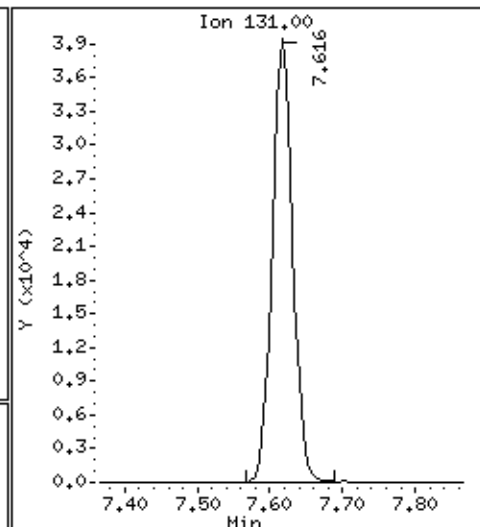
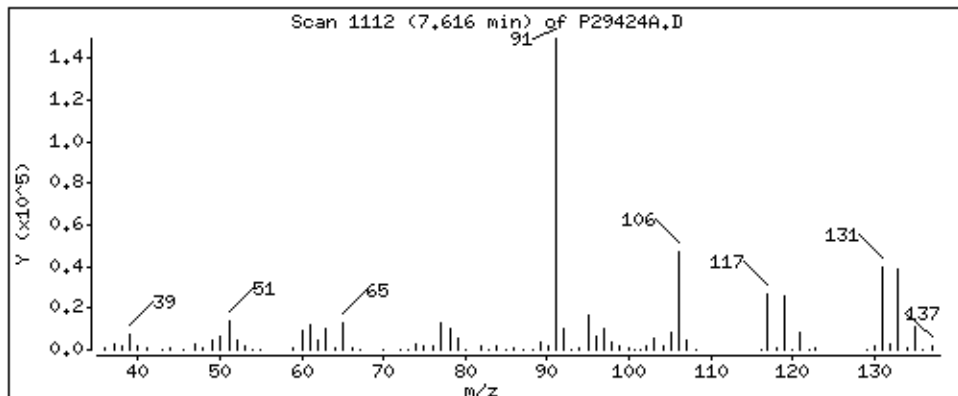
Column phase: RTX-624

Column diameter: 0,18

85 1,1,1,2-Tetrachloroethane

Concentration: 46,6 ug/L

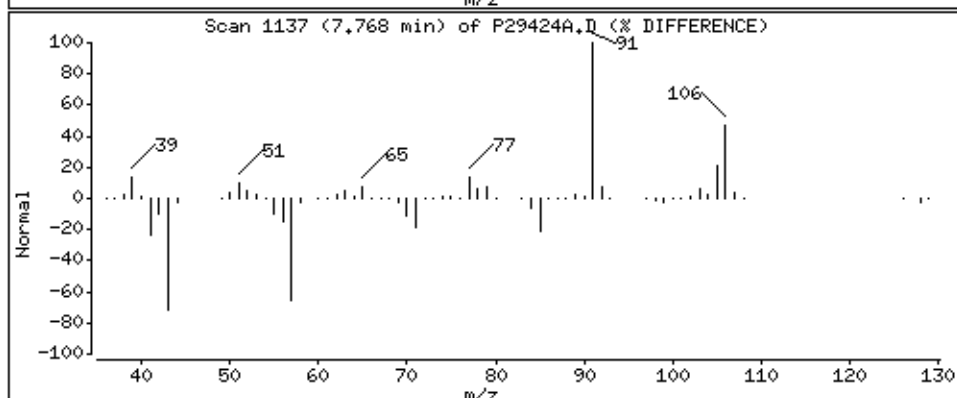
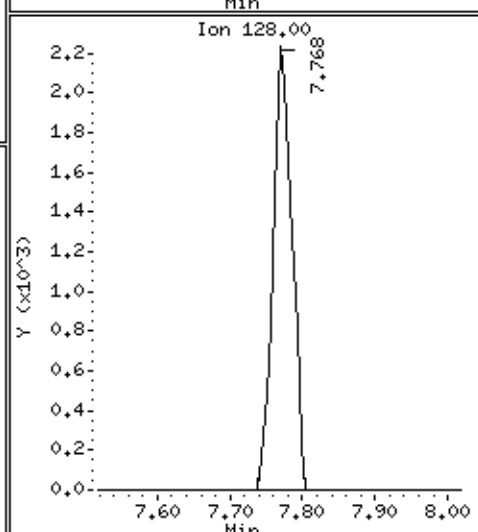
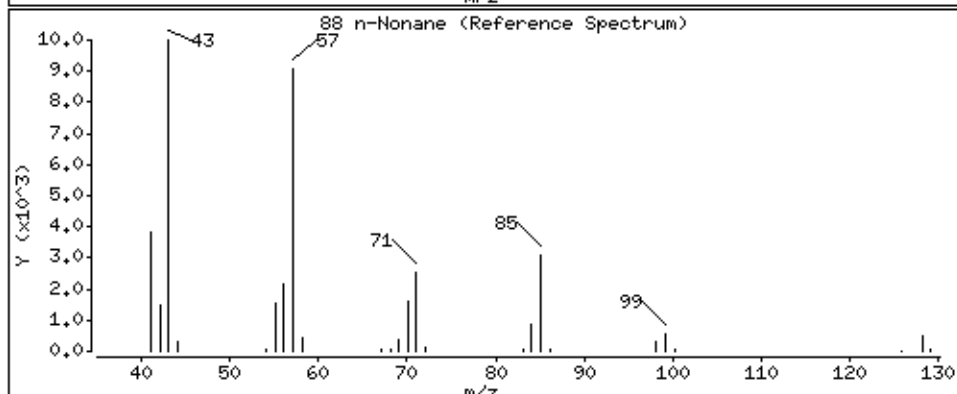
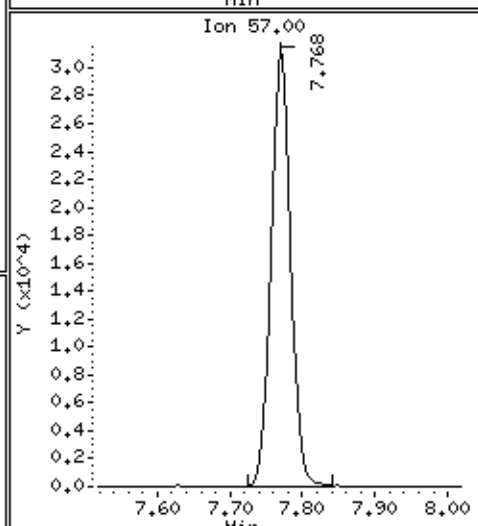
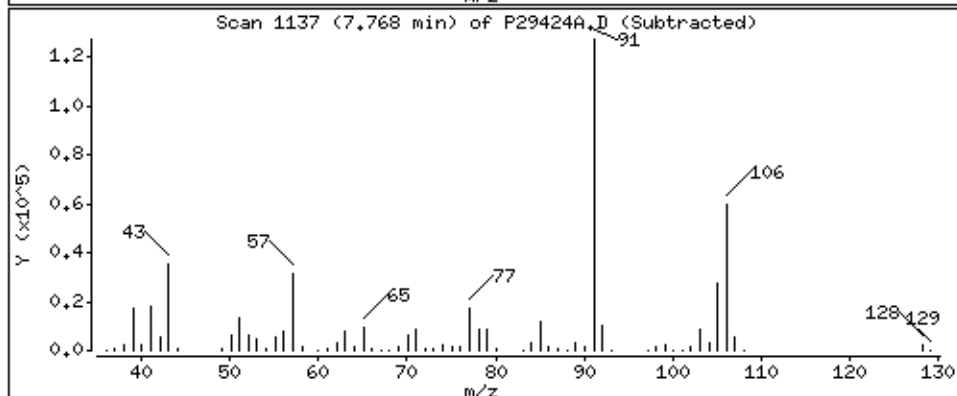
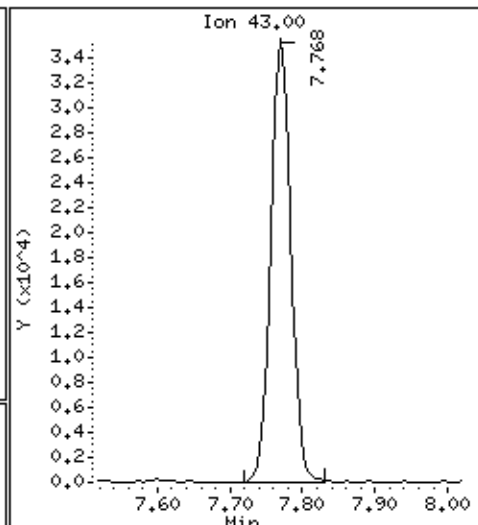
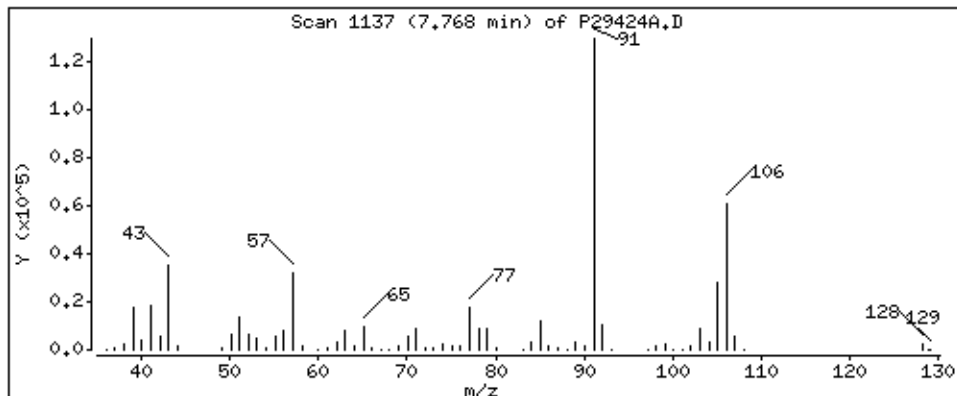
Review Code:



88 n-Nonane

Concentration: 44,1 ug/L

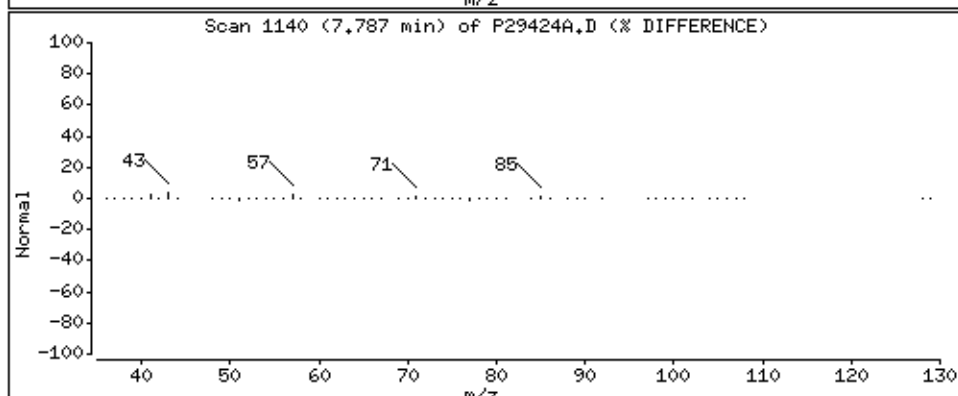
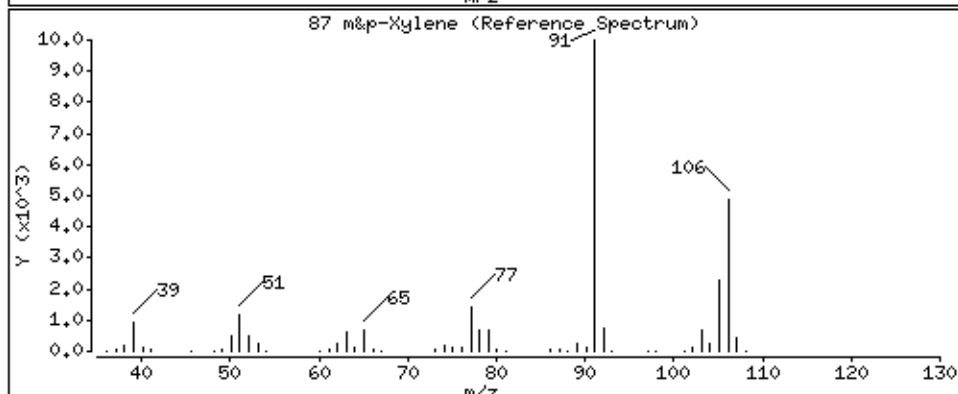
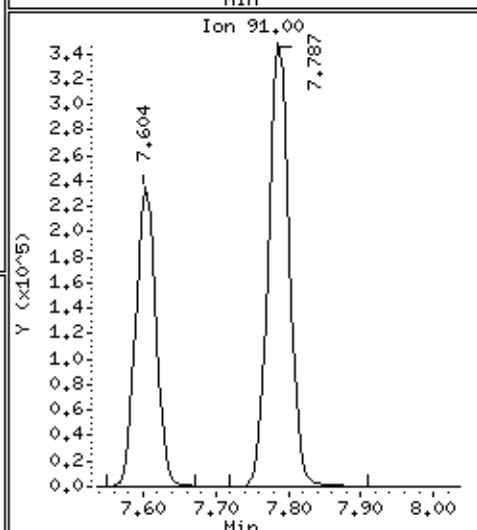
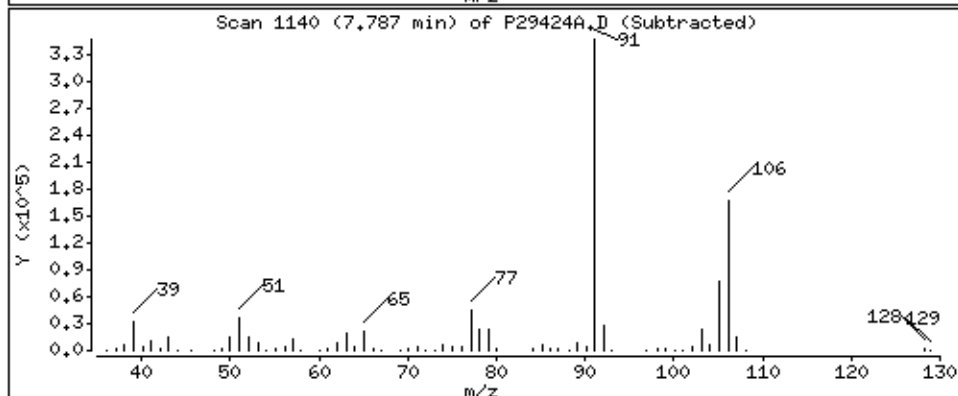
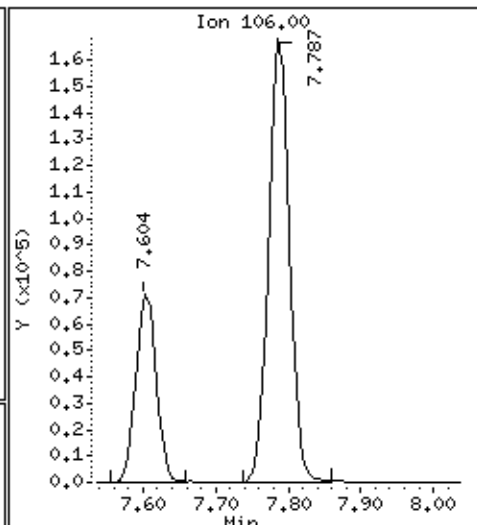
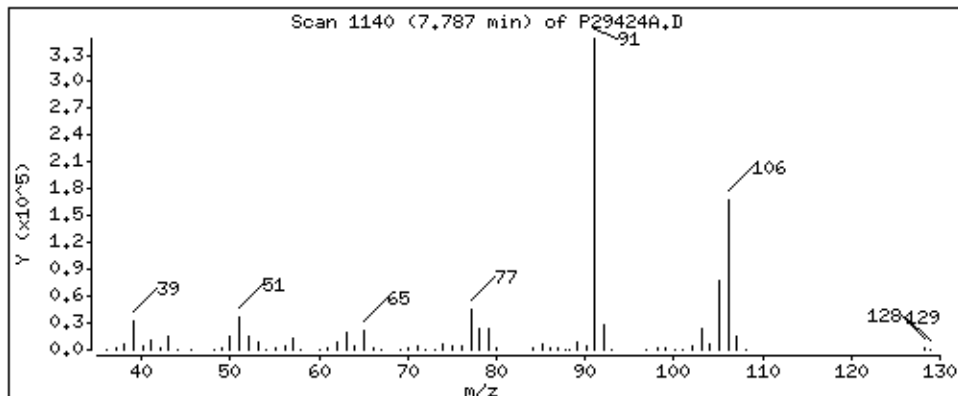
Review Code:



87 m&p-Xylene

Concentration: 94,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1.25

Purge Volume: 5.0

Operator: BBL

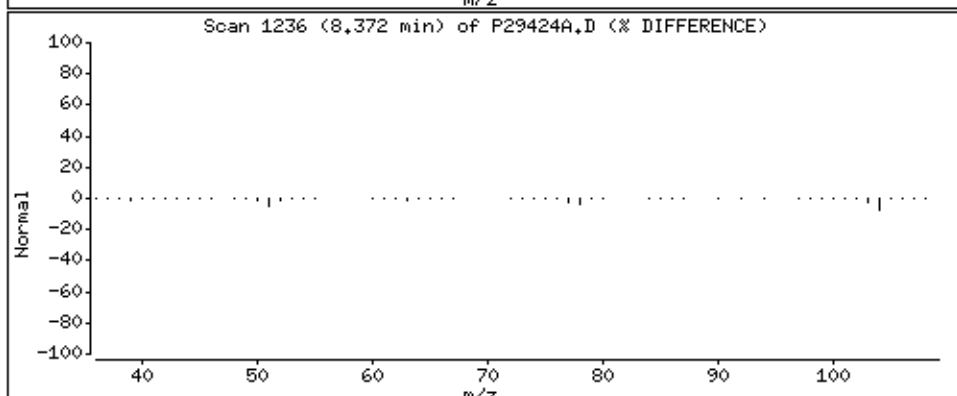
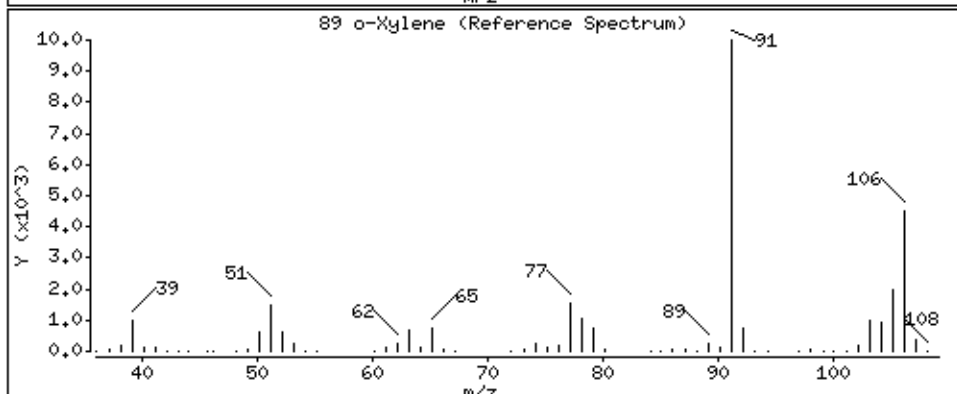
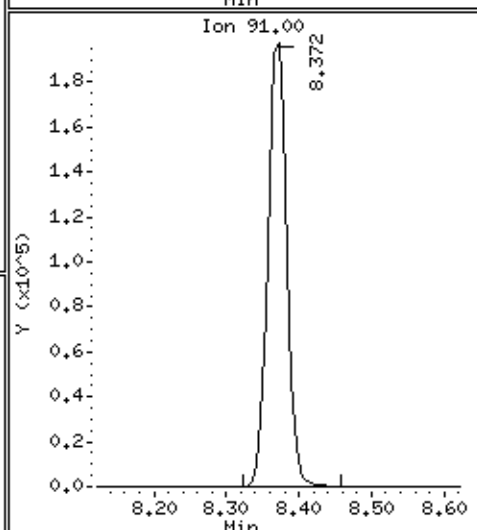
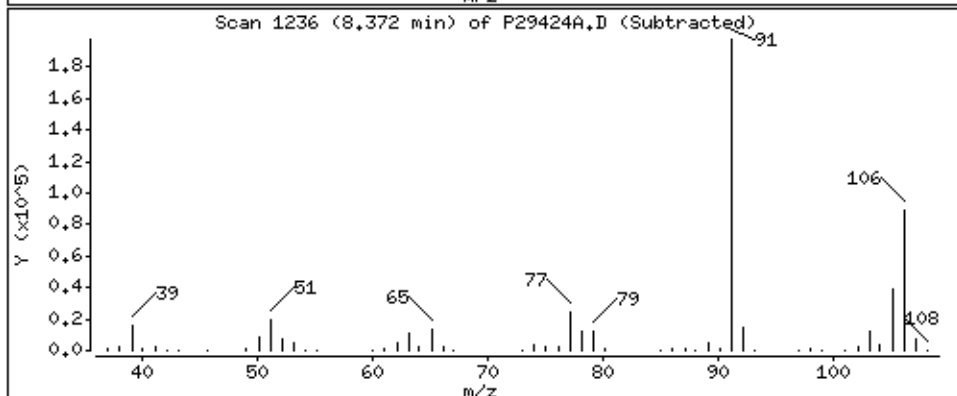
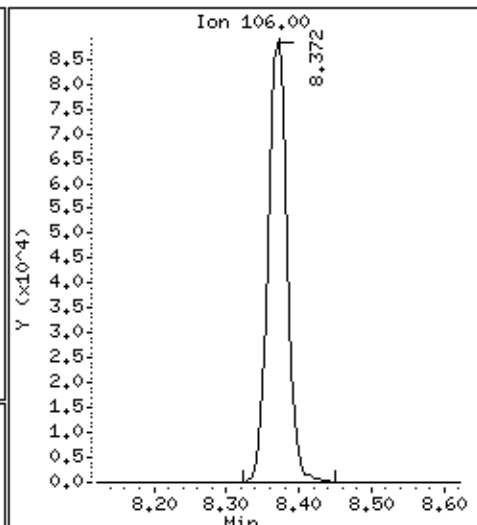
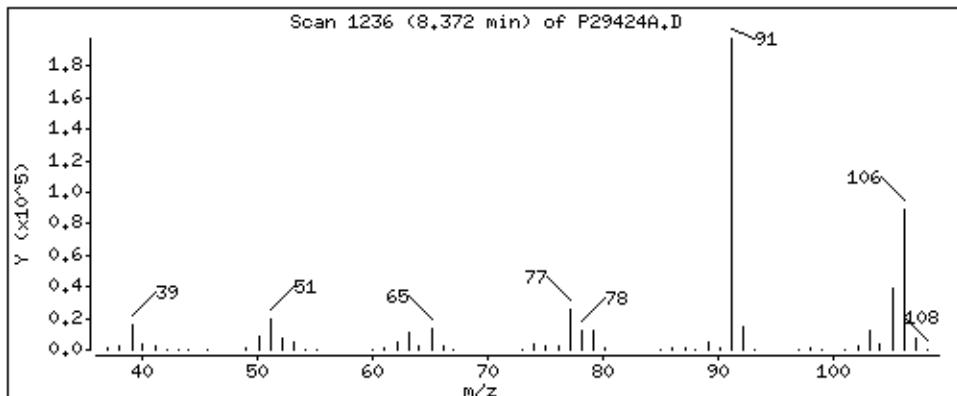
Column phase: RTX-624

Column diameter: 0.18

89 o-Xylene

Concentration: 47.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

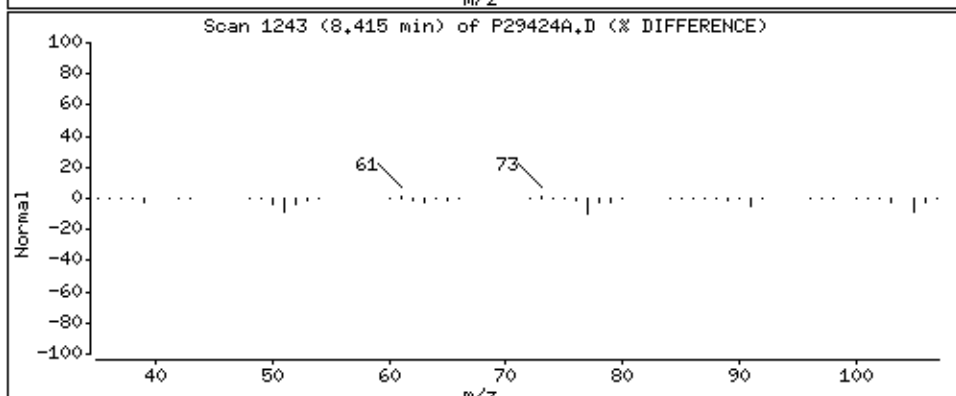
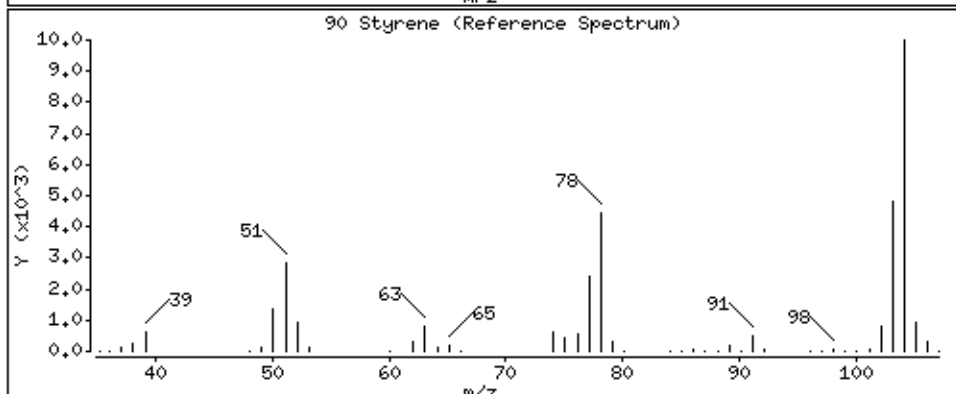
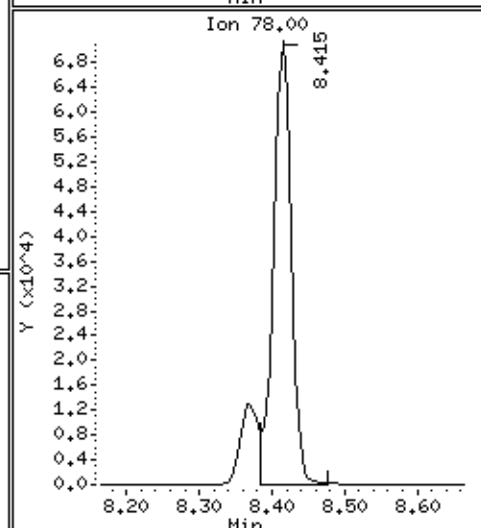
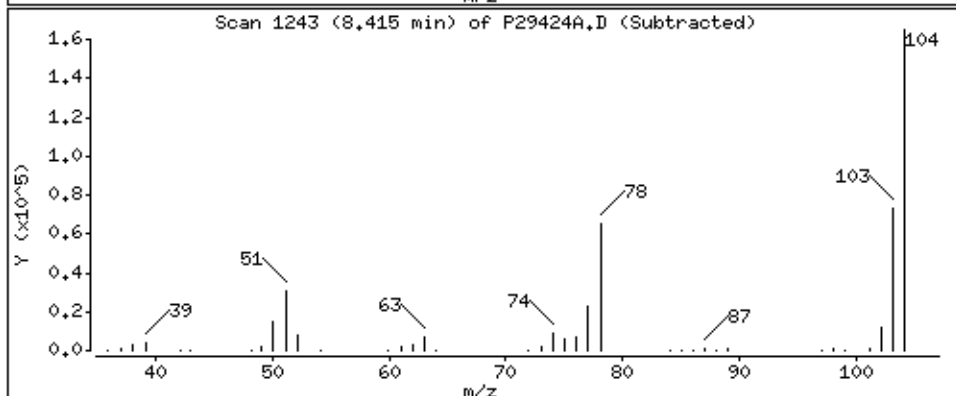
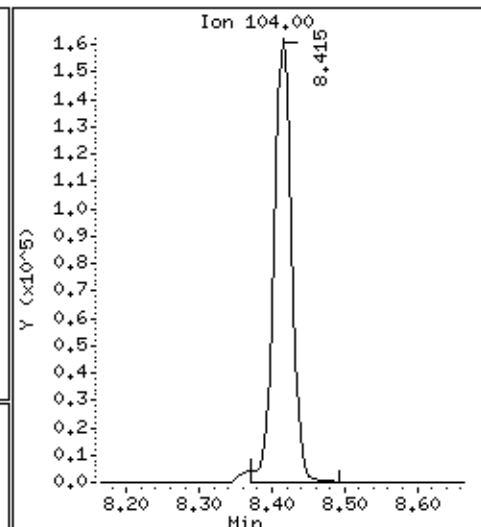
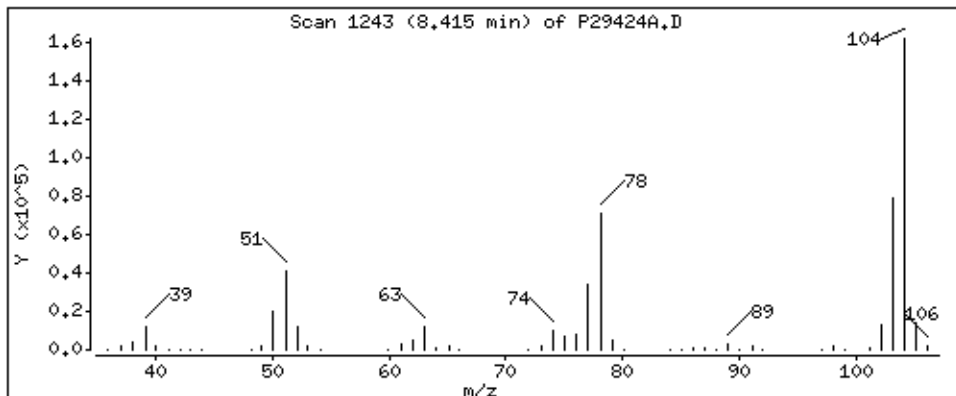
Column phase: RTX-624

Column diameter: 0,18

90 Styrene

Concentration: 48,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

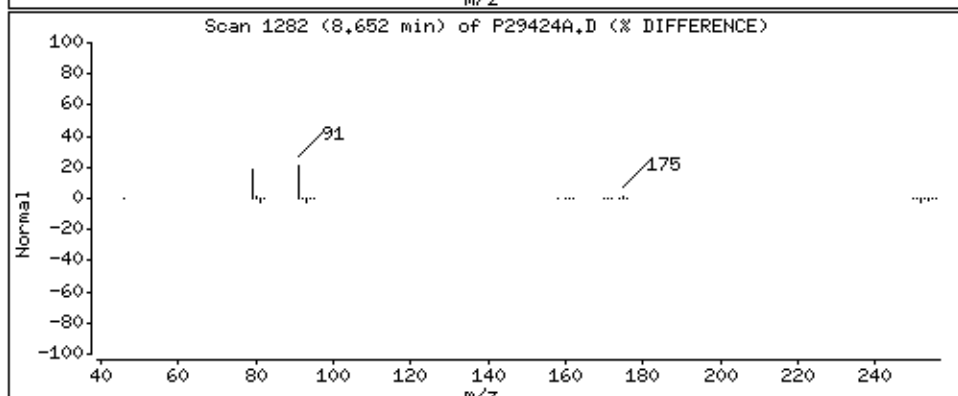
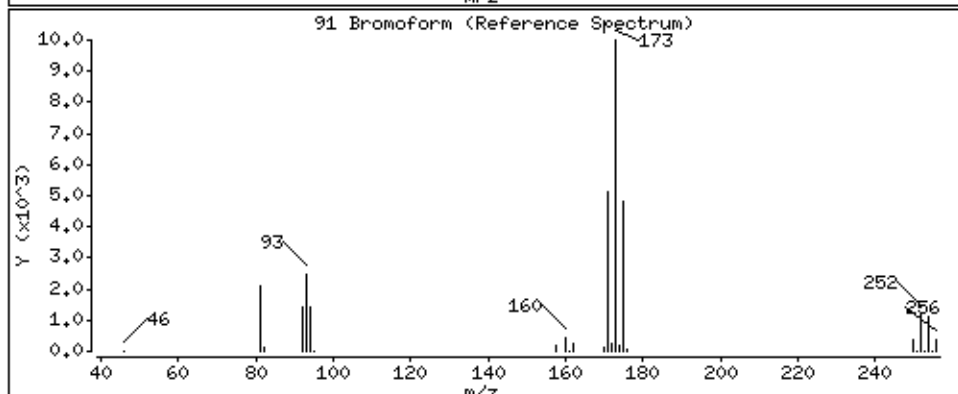
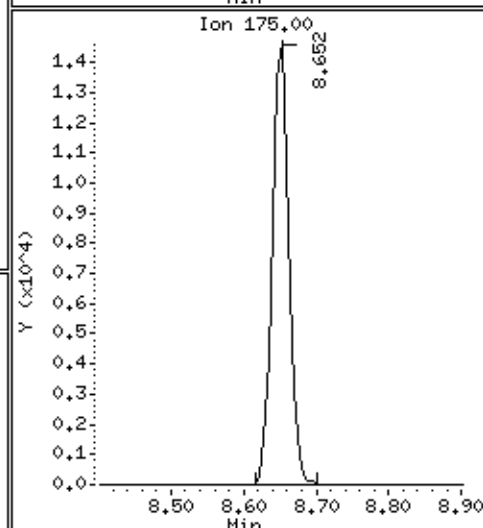
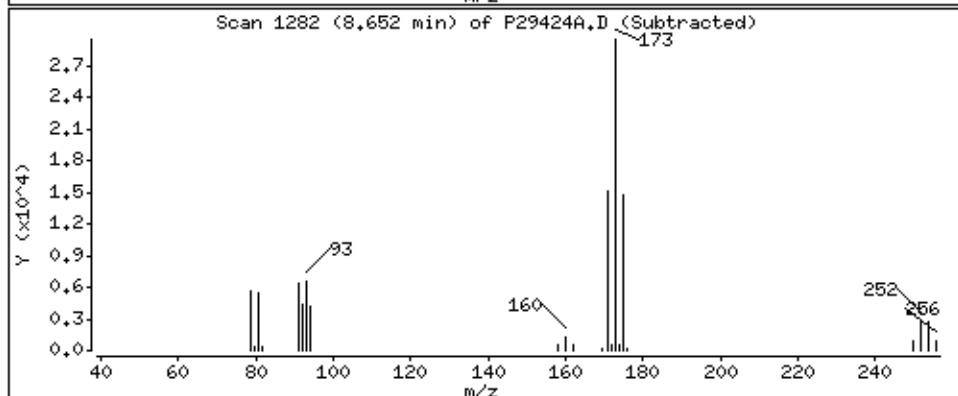
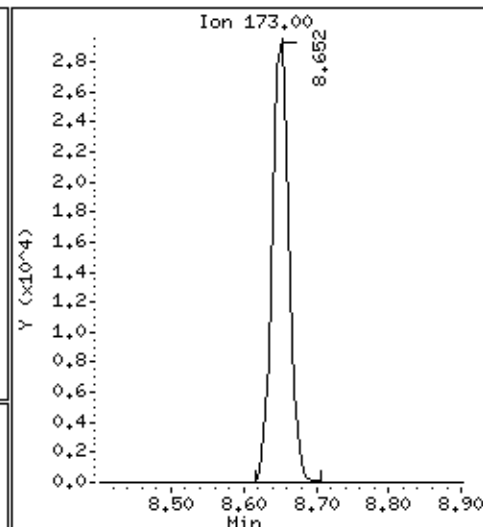
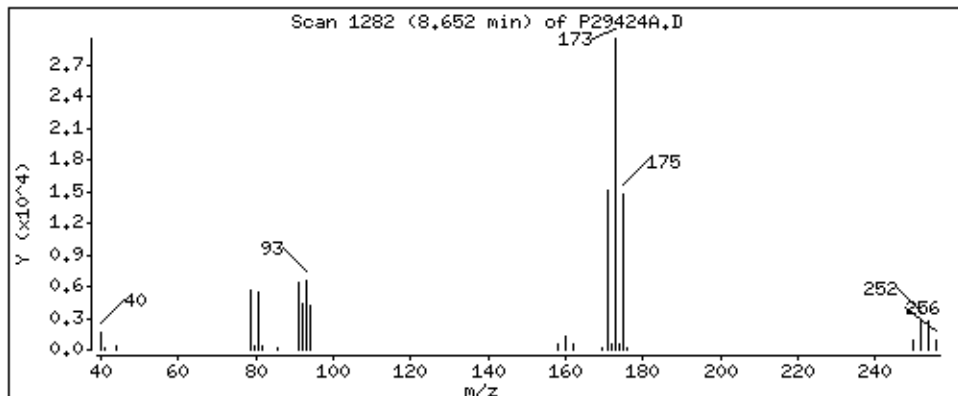
Column phase: RTX-624

Column diameter: 0,18

91 Bromoform

Concentration: 57,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

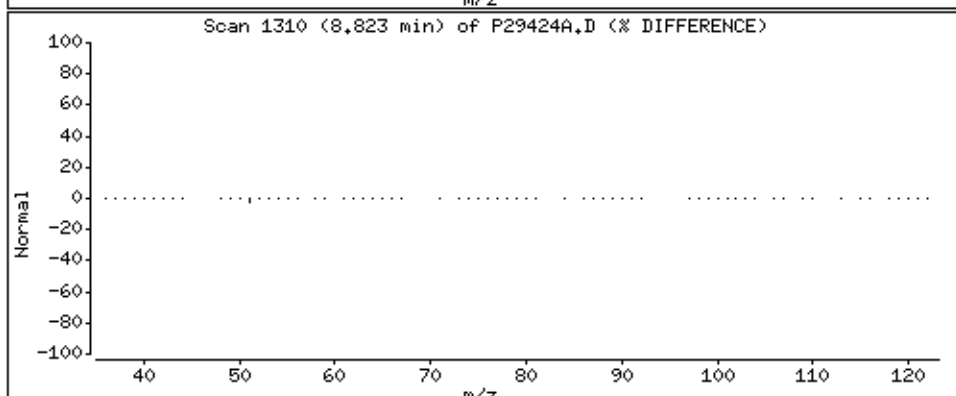
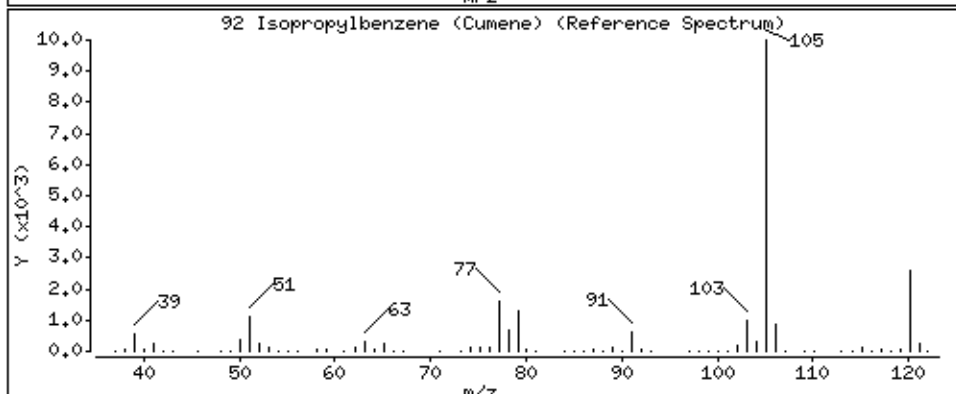
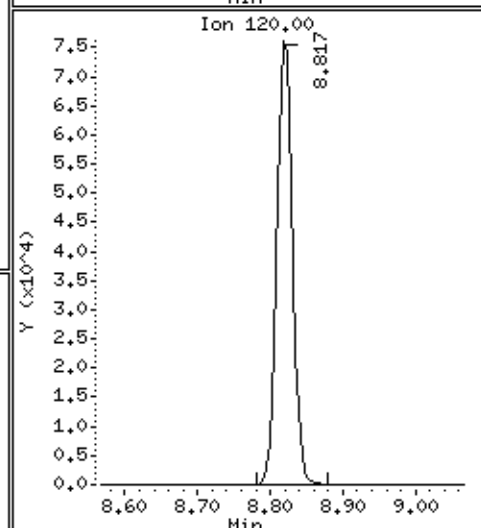
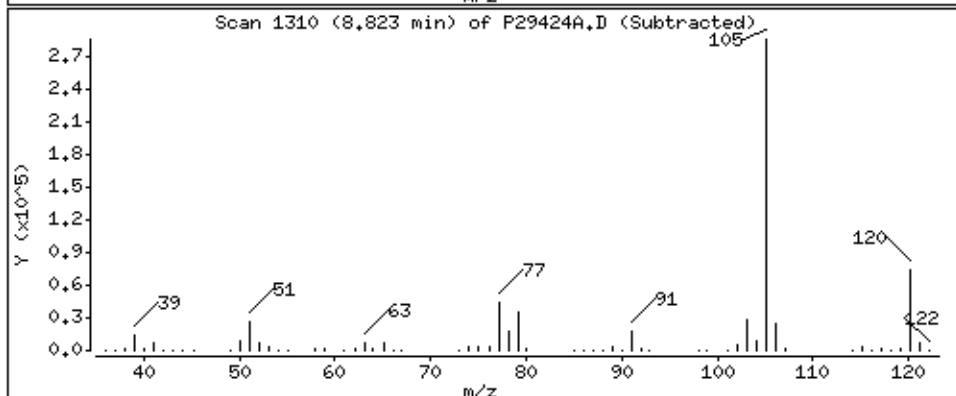
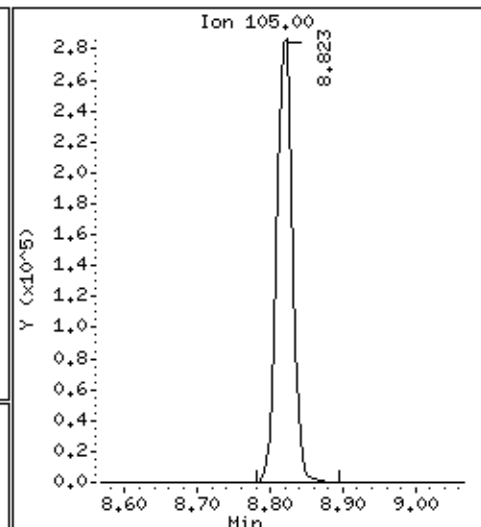
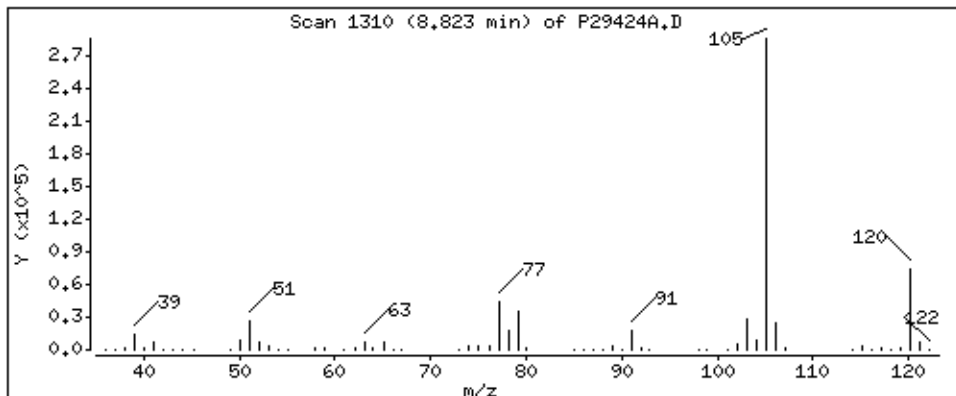
Column phase: RTX-624

Column diameter: 0,18

92 Isopropylbenzene (Cumene)

Concentration: 45,6 ug/L

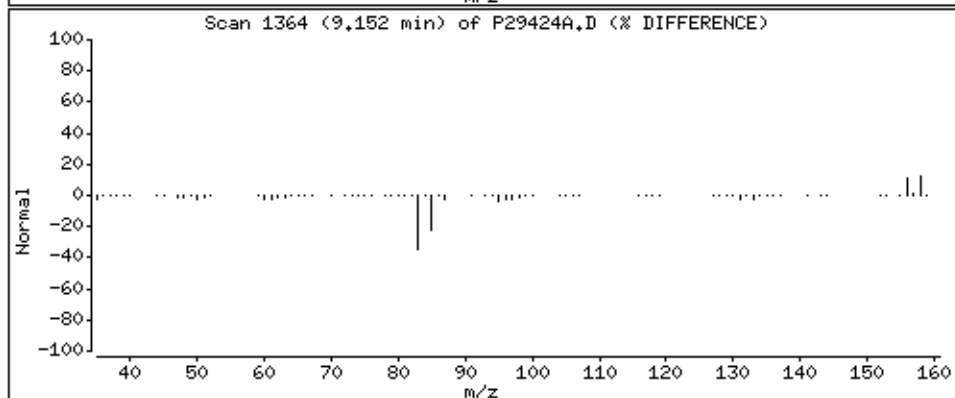
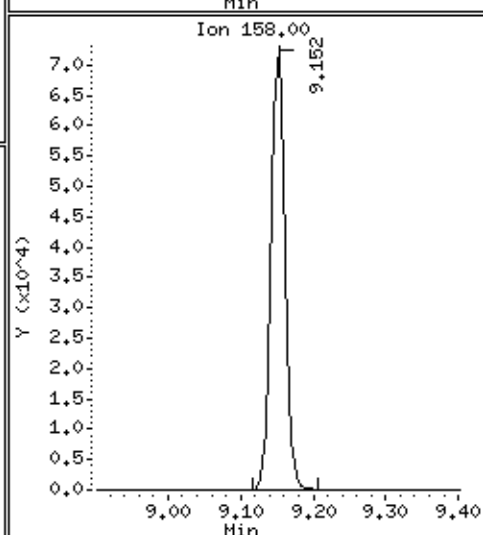
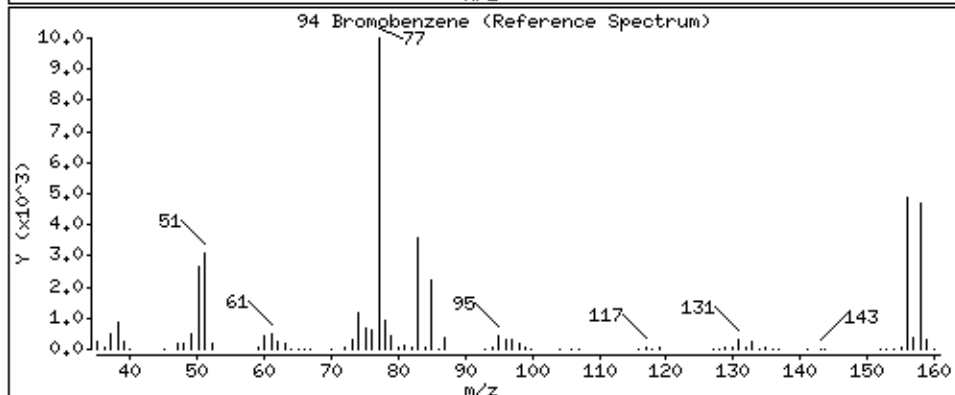
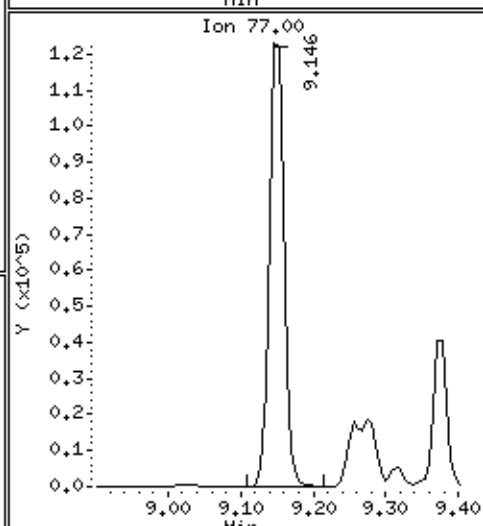
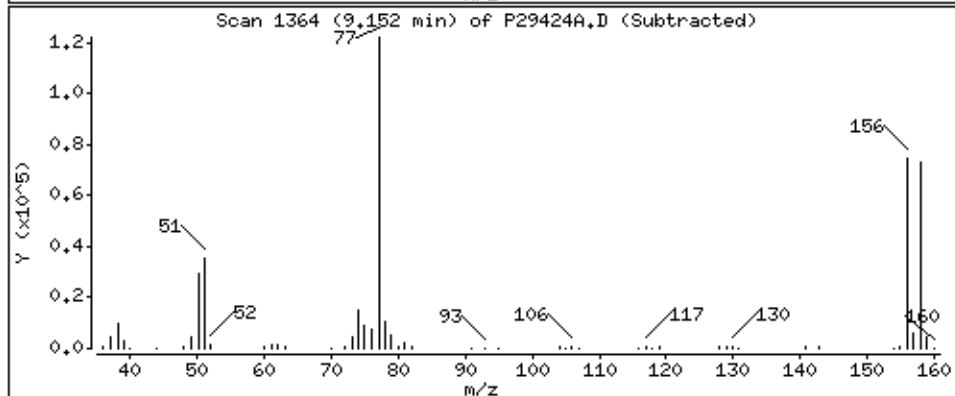
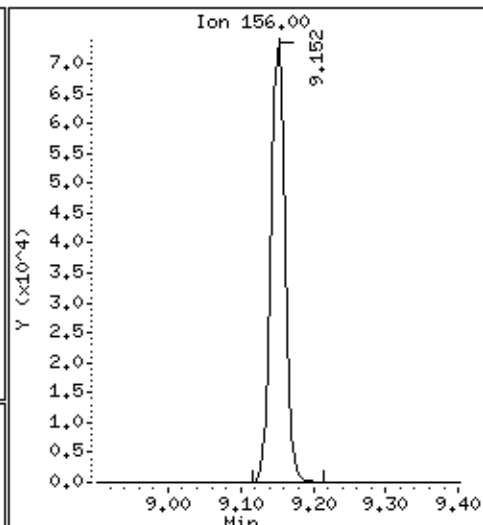
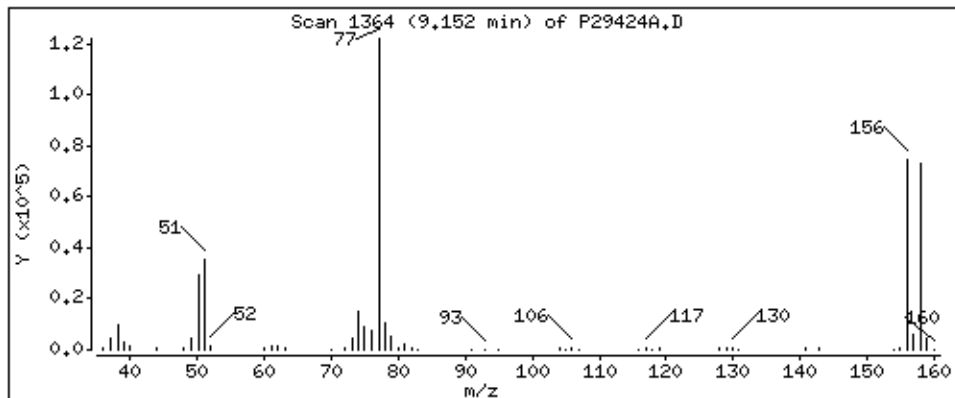
Review Code:



94 Bromobenzene

Concentration: 48,9 ug/L

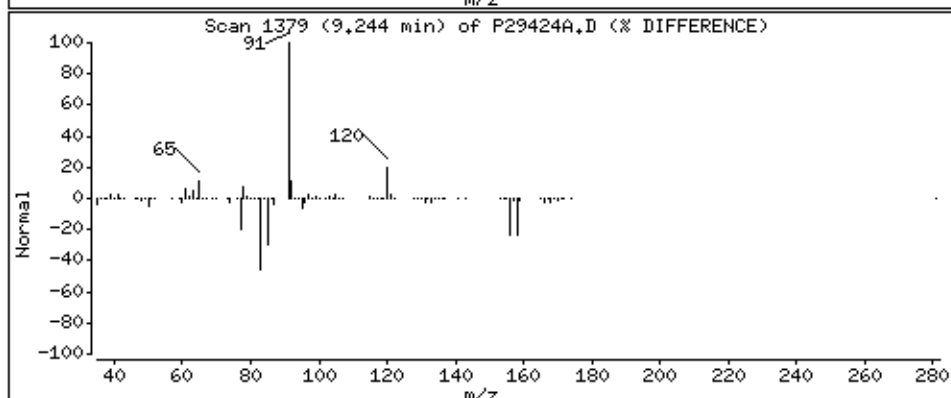
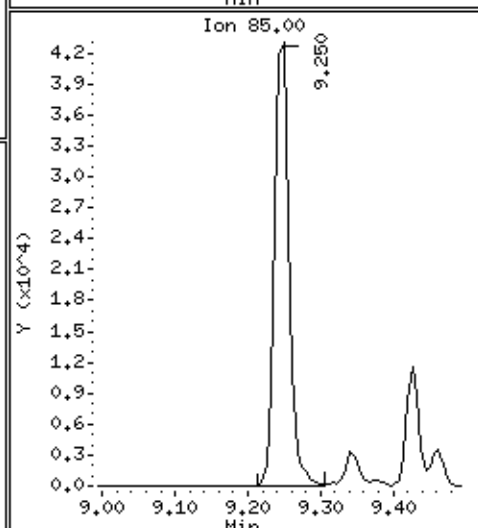
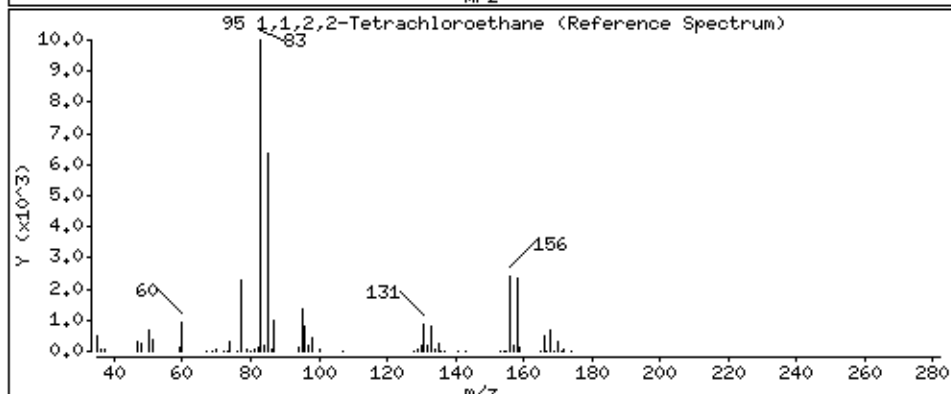
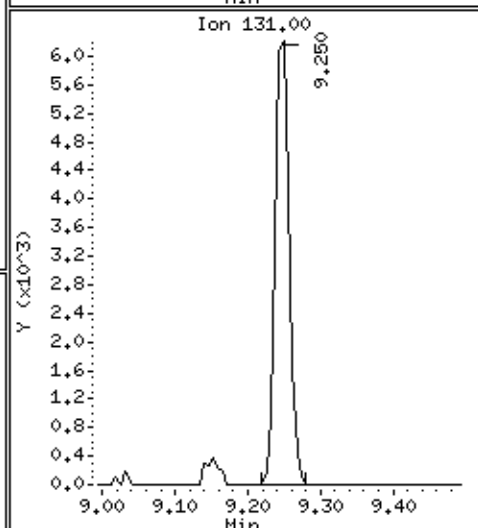
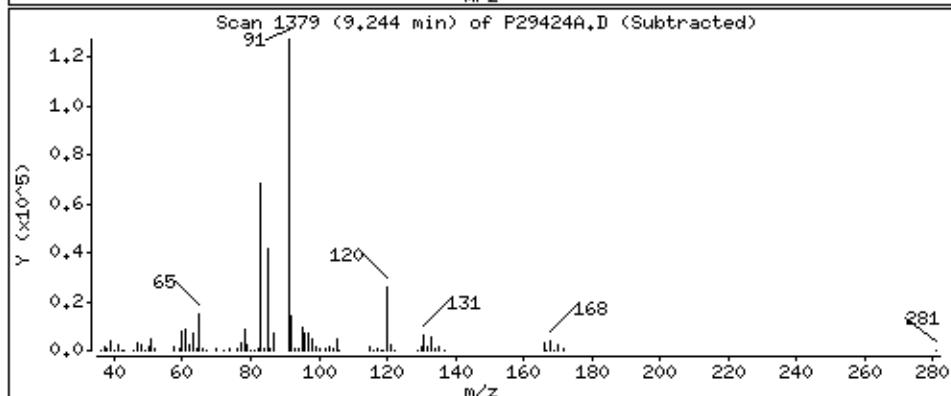
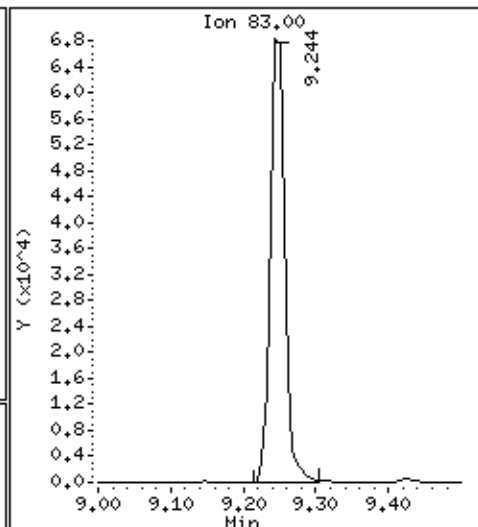
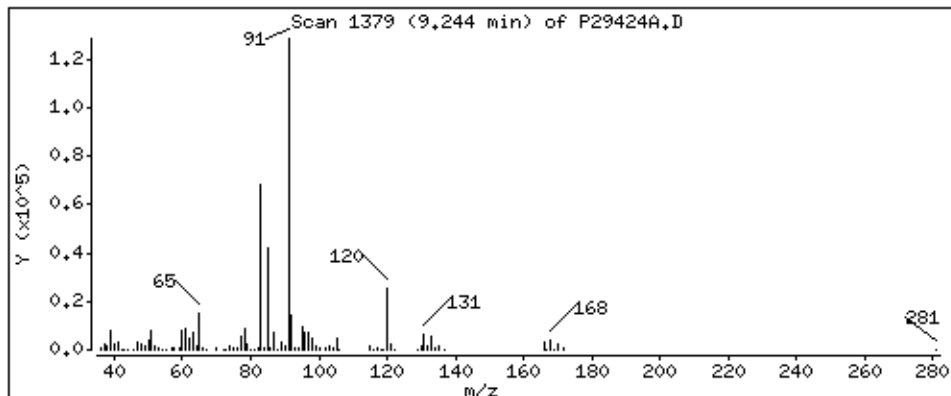
Review Code:



95 1,1,2,2-Tetrachloroethane

Concentration: 51.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

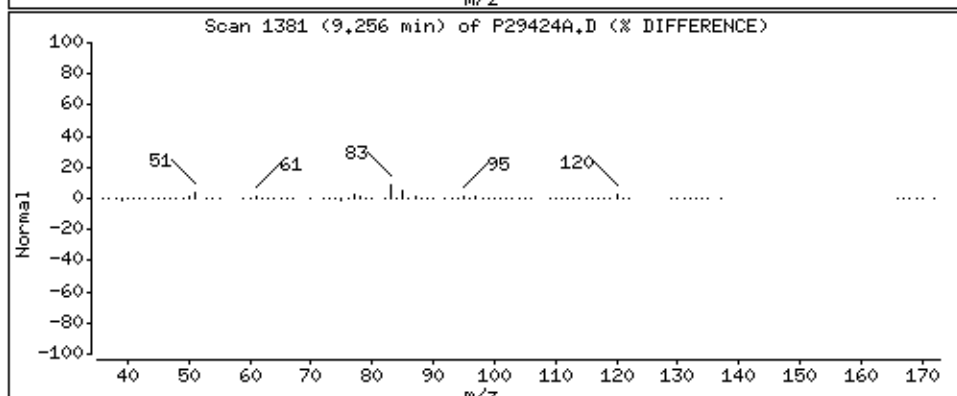
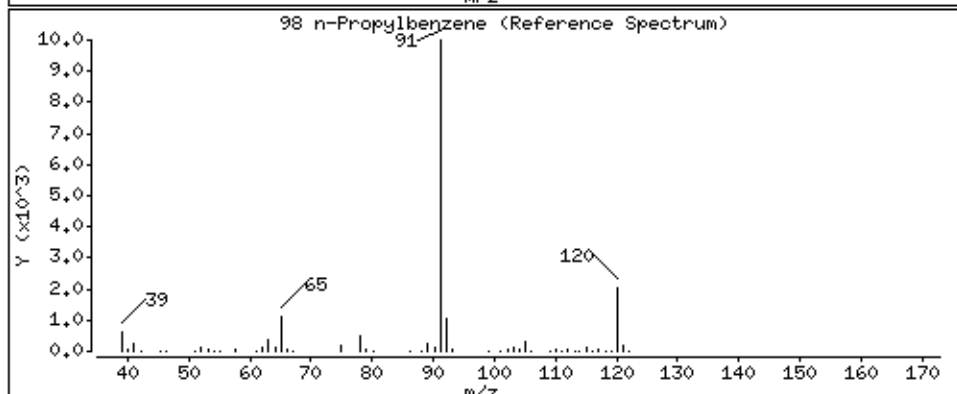
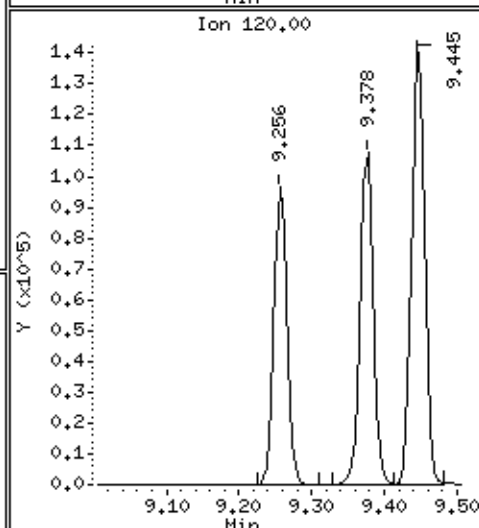
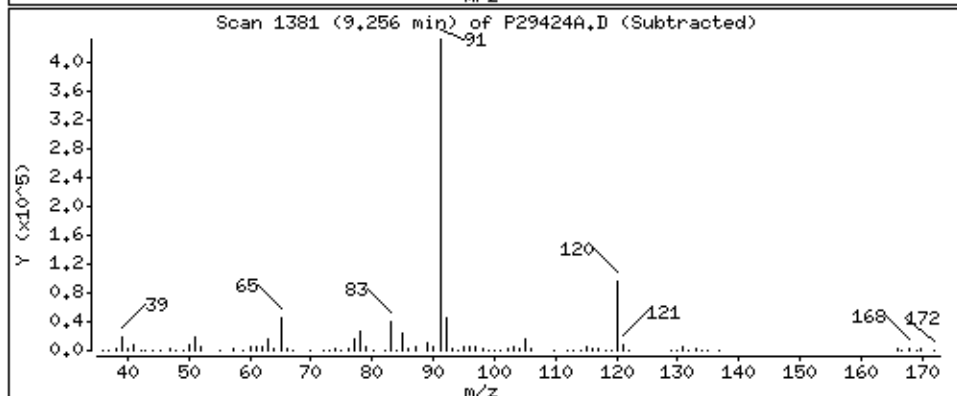
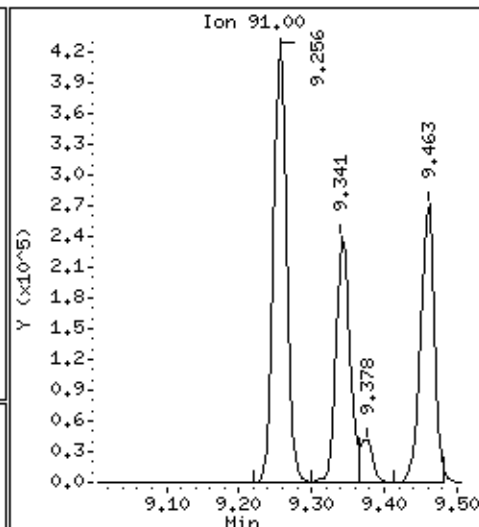
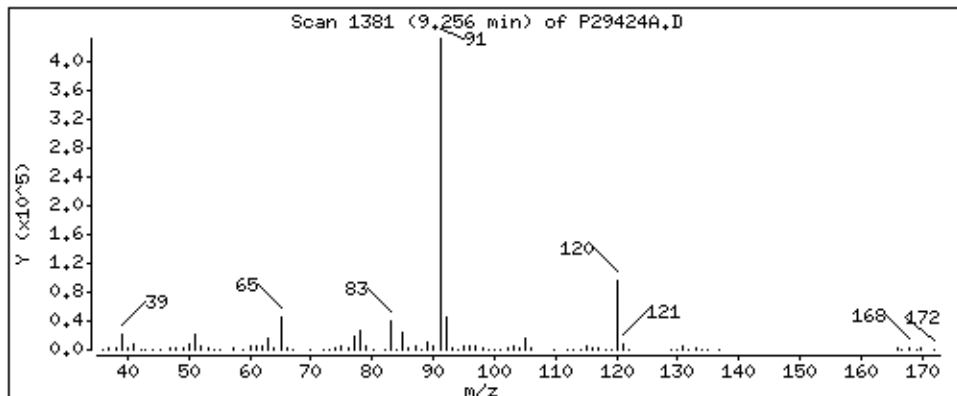
Column phase: RTX-624

Column diameter: 0,18

98 n-Propylbenzene

Concentration: 46,4 ug/L

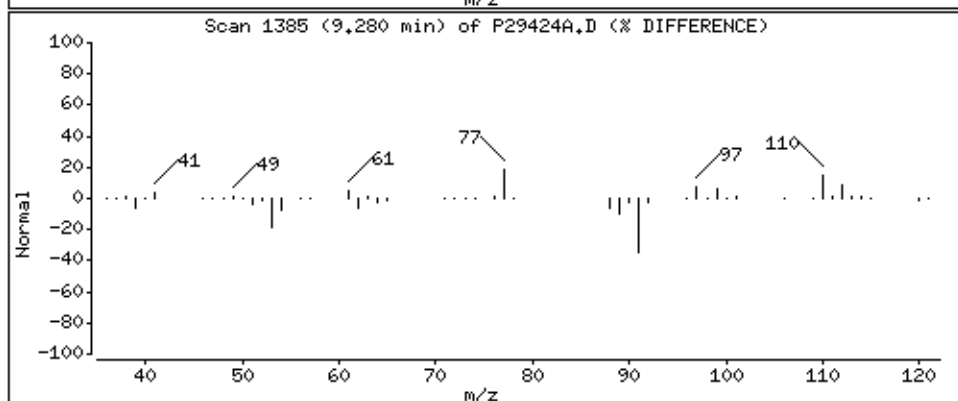
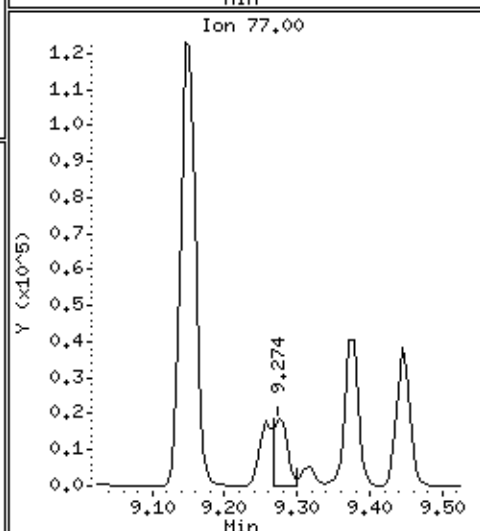
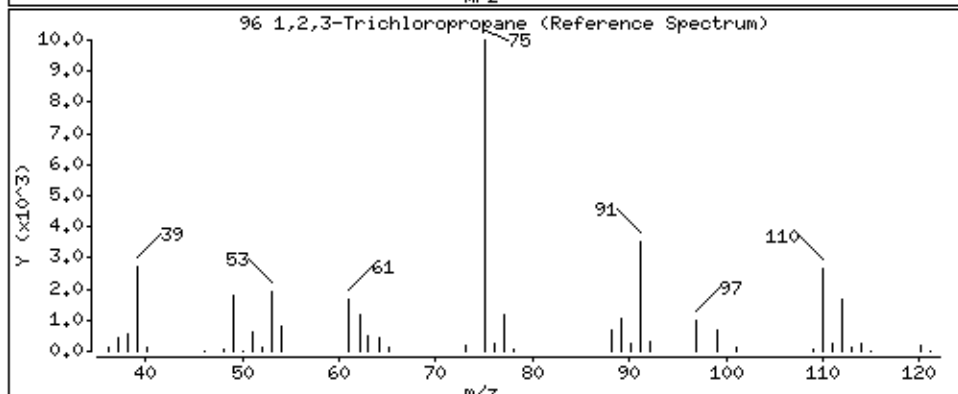
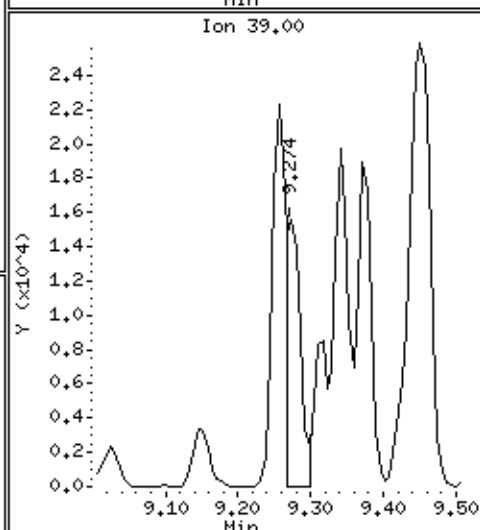
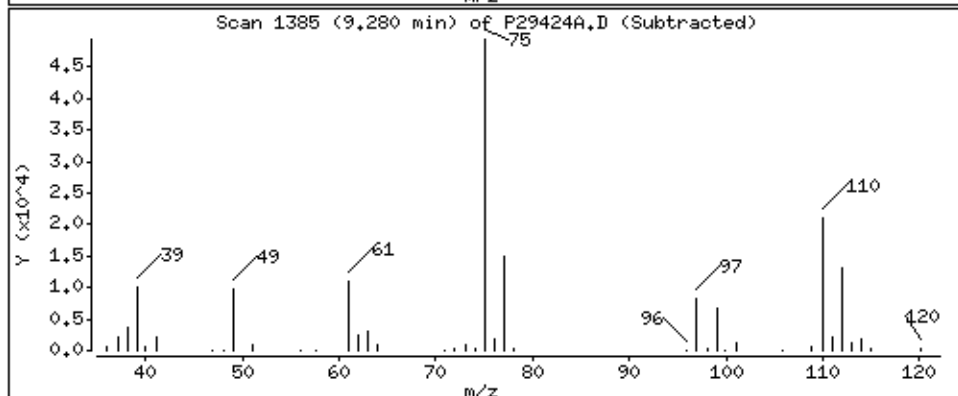
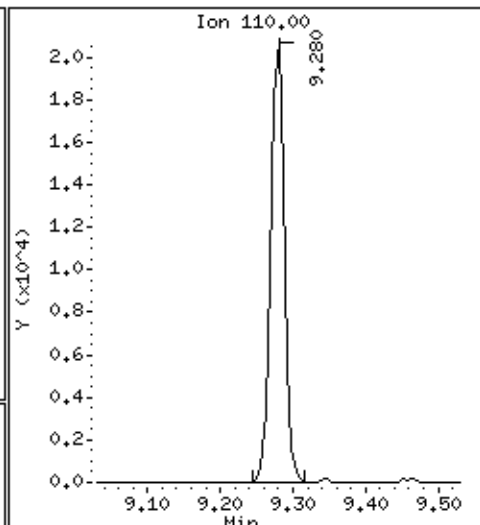
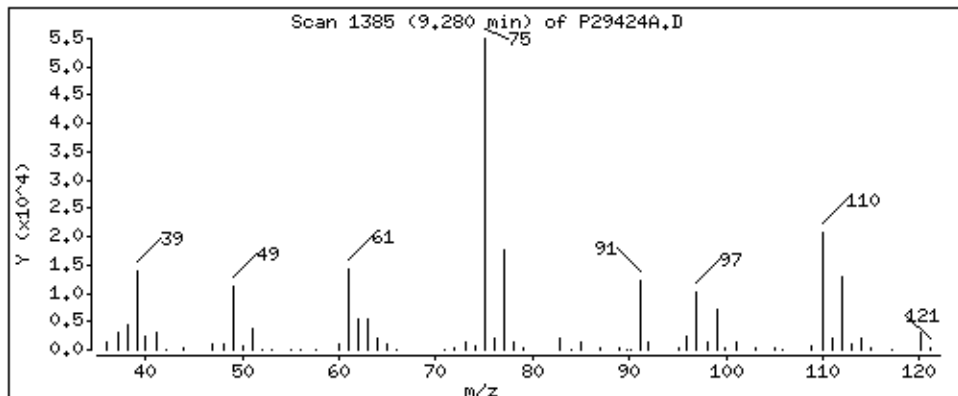
Review Code:



96 1,2,3-Trichloropropane

Concentration: 49,3 ug/L

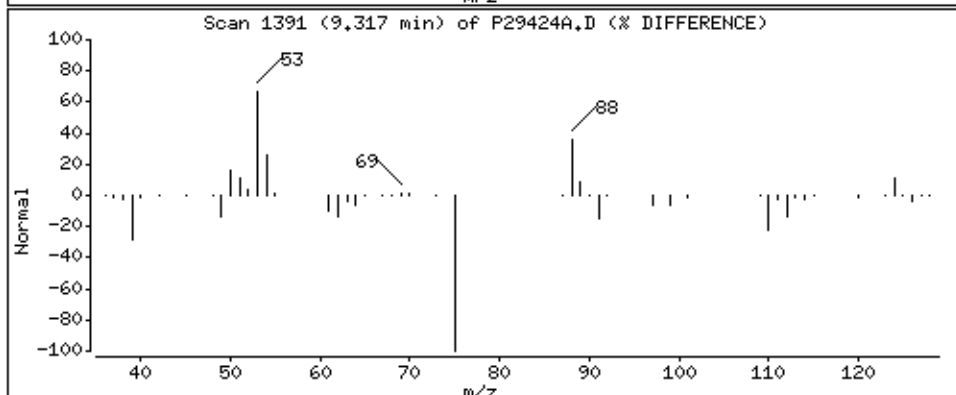
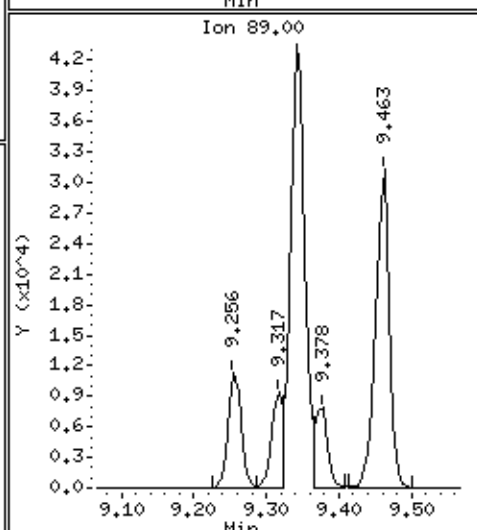
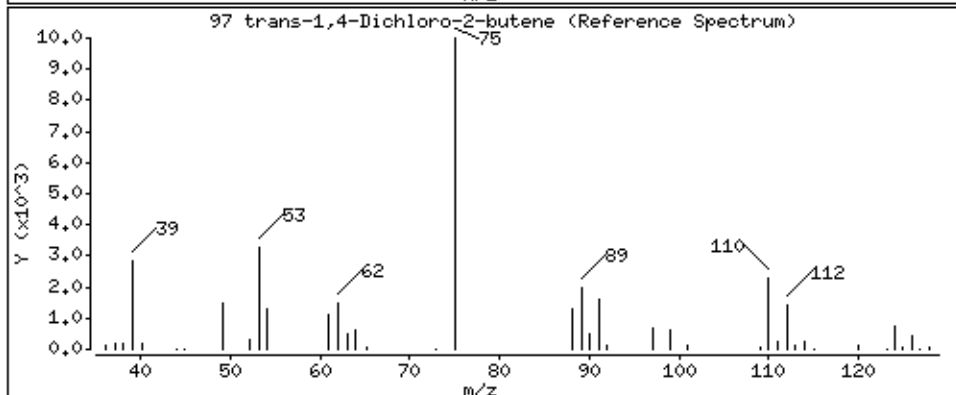
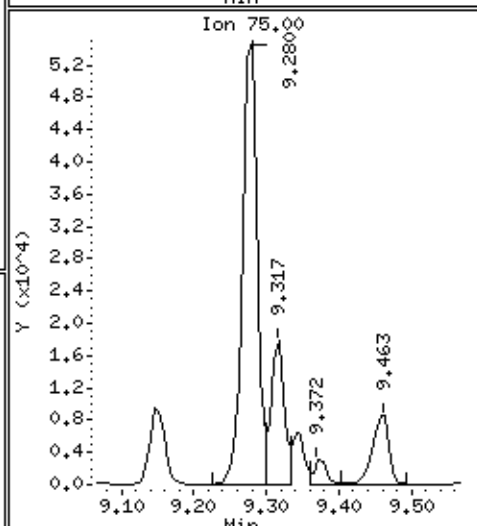
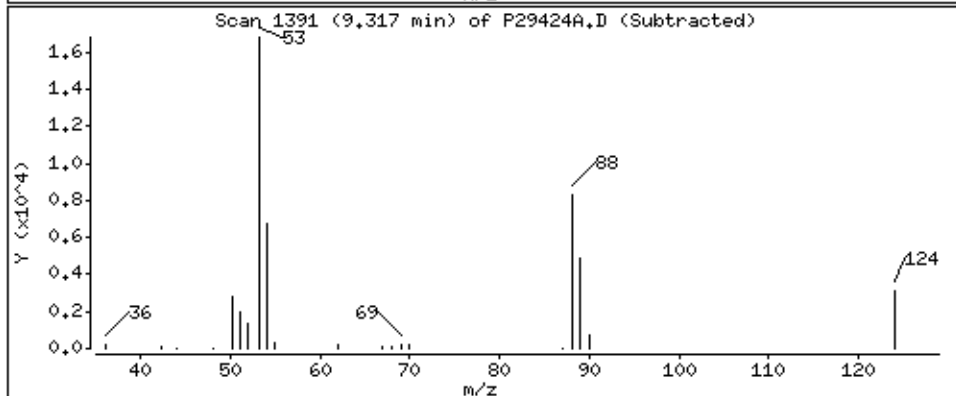
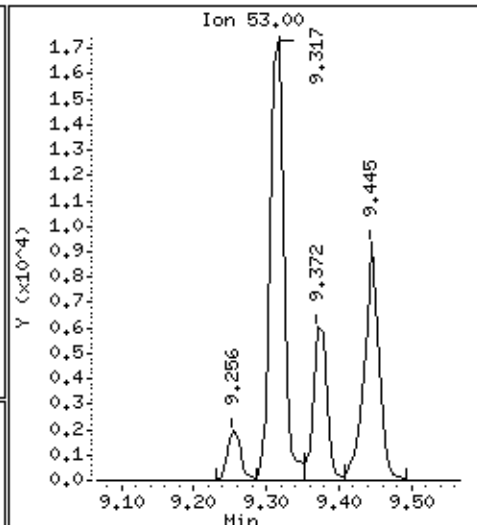
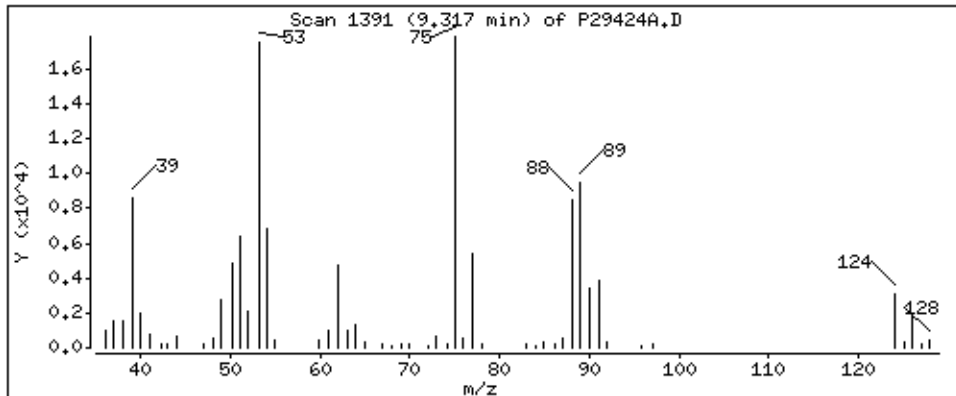
Review Code:



97 trans-1,4-Dichloro-2-butene

Concentration: 42.7 ug/L

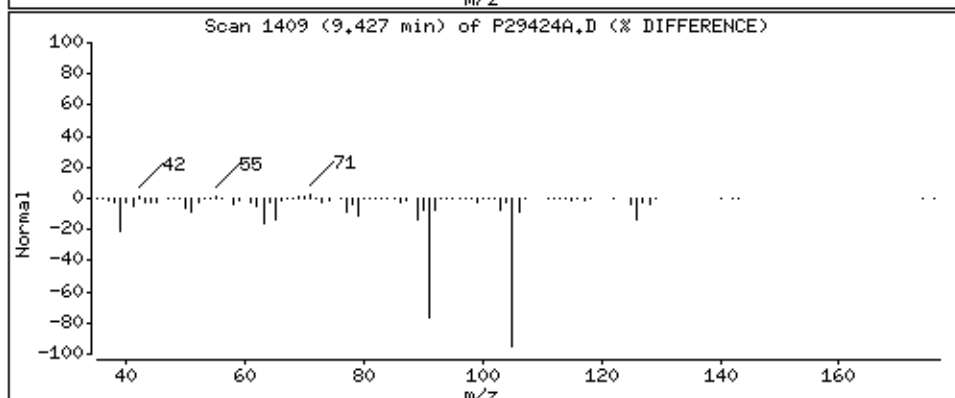
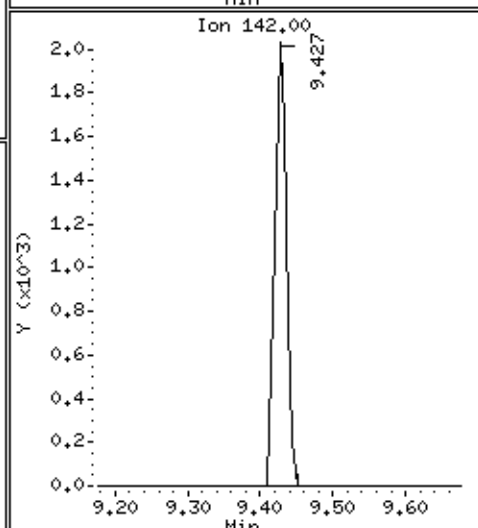
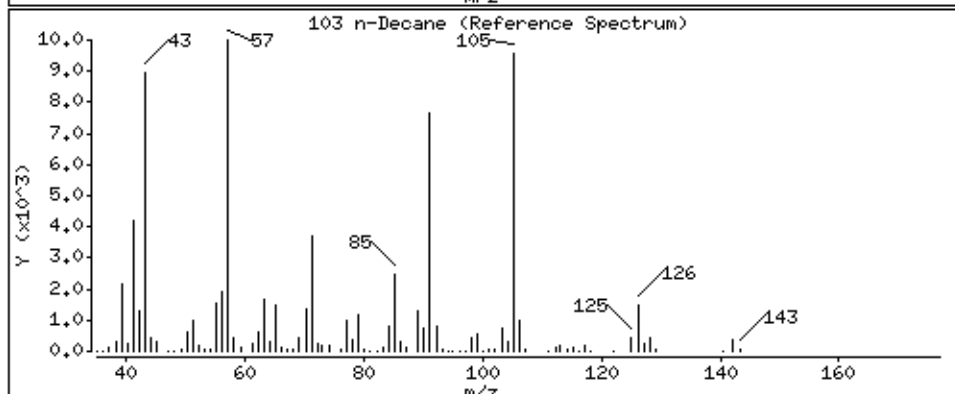
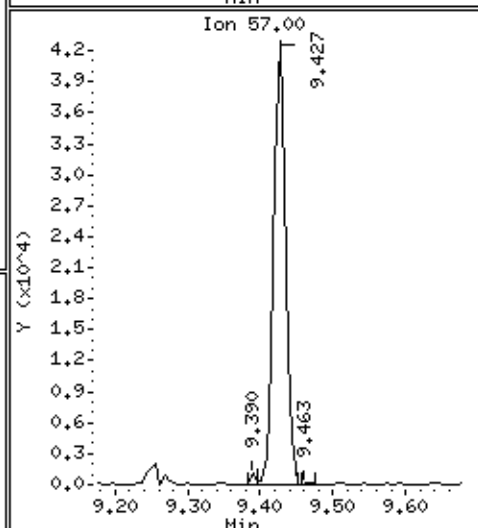
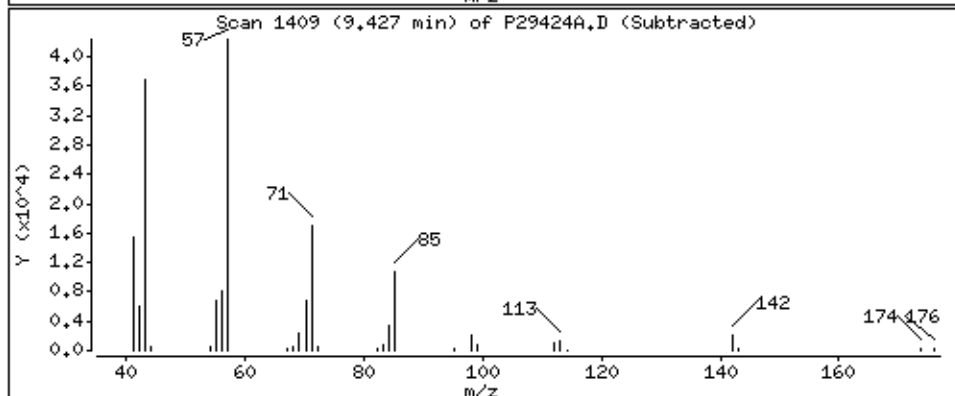
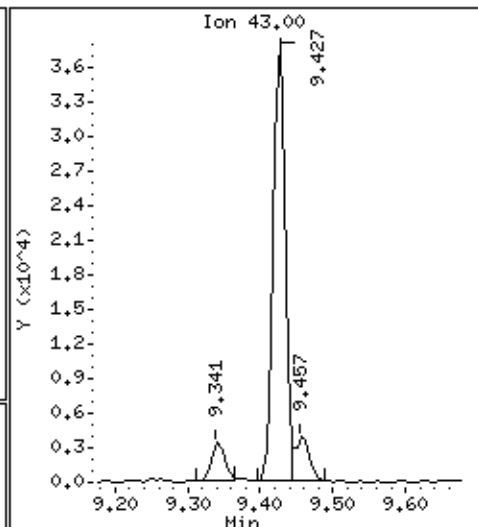
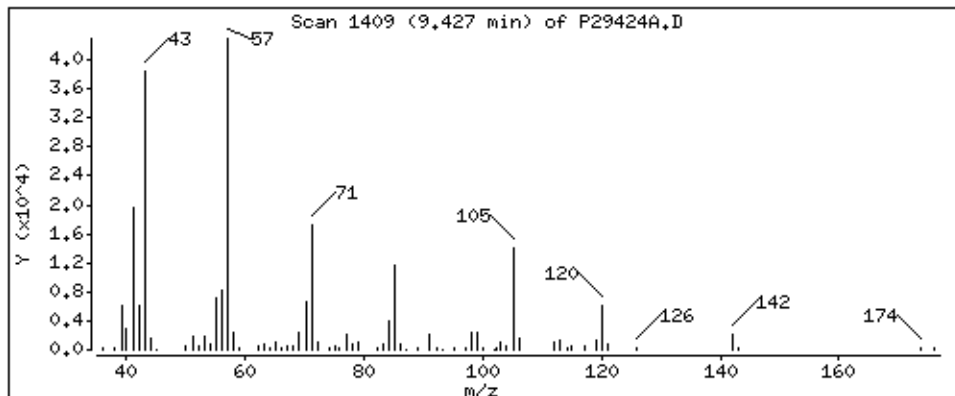
Review Code:



103 n-Decane

Concentration: 32.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

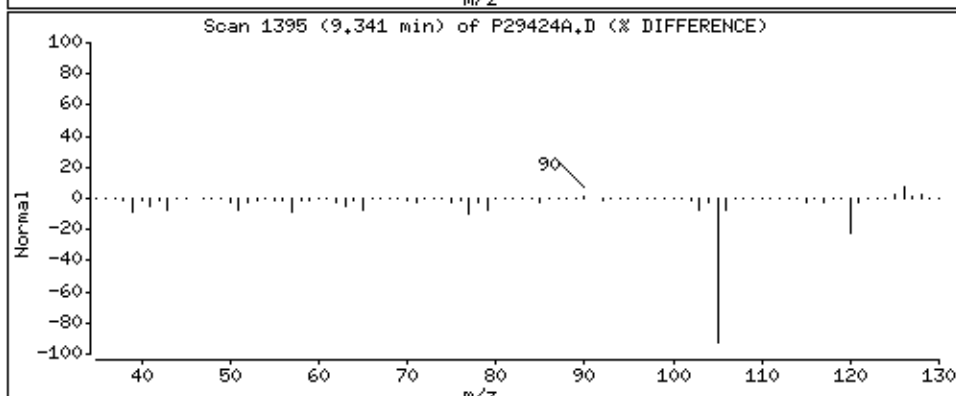
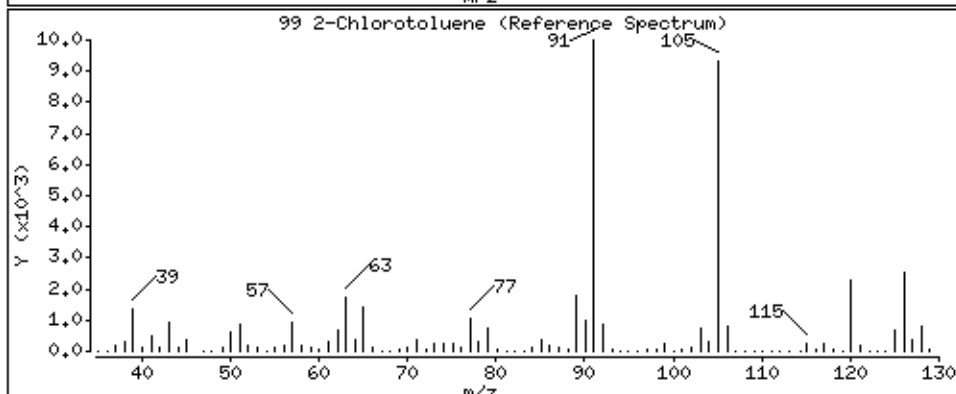
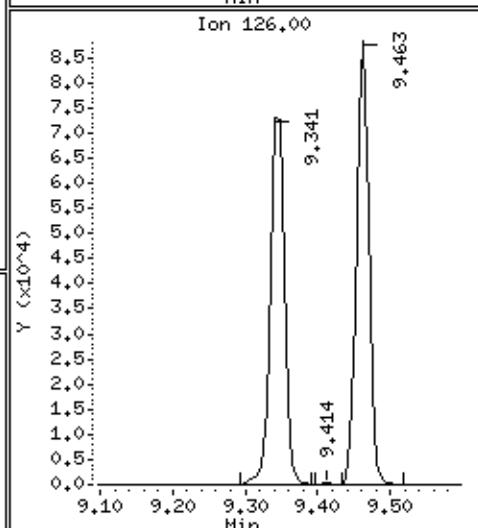
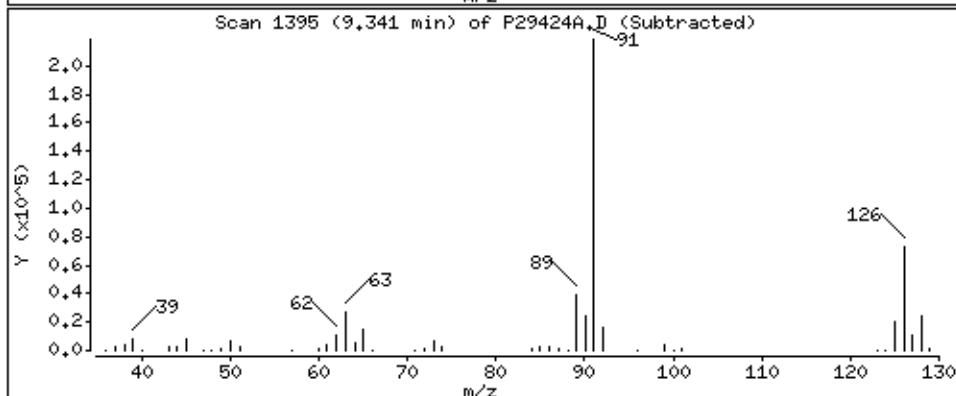
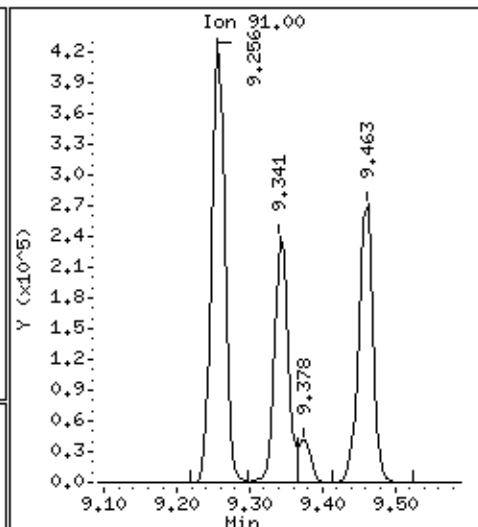
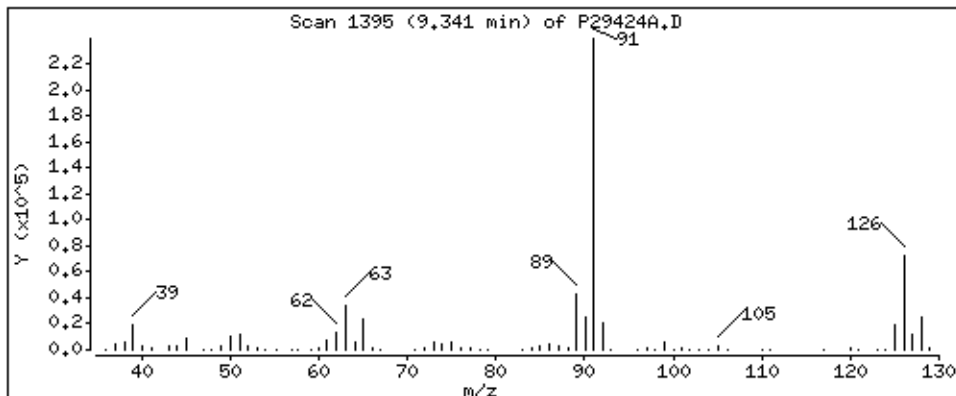
Column phase: RTX-624

Column diameter: 0,18

99 2-Chlorotoluene

Concentration: 46,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

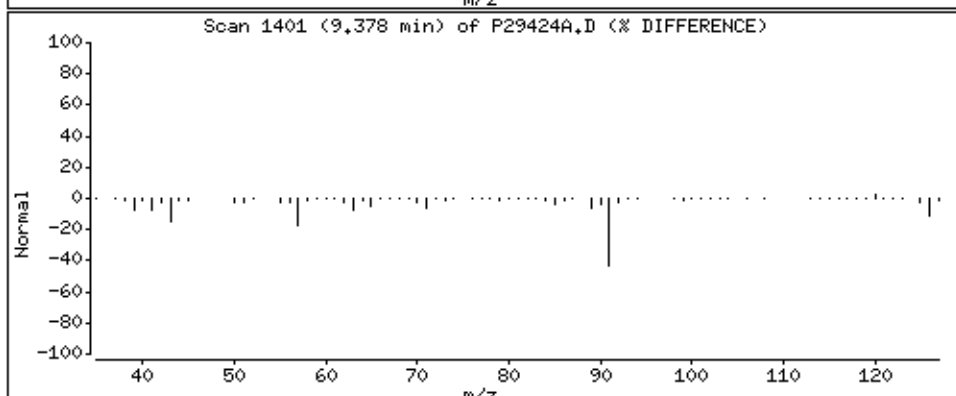
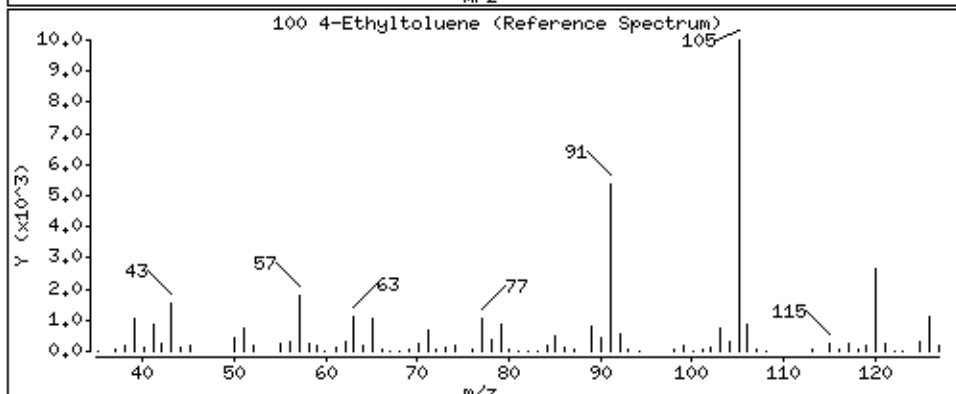
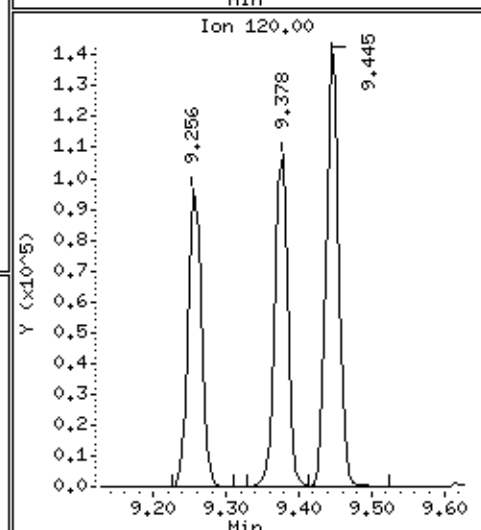
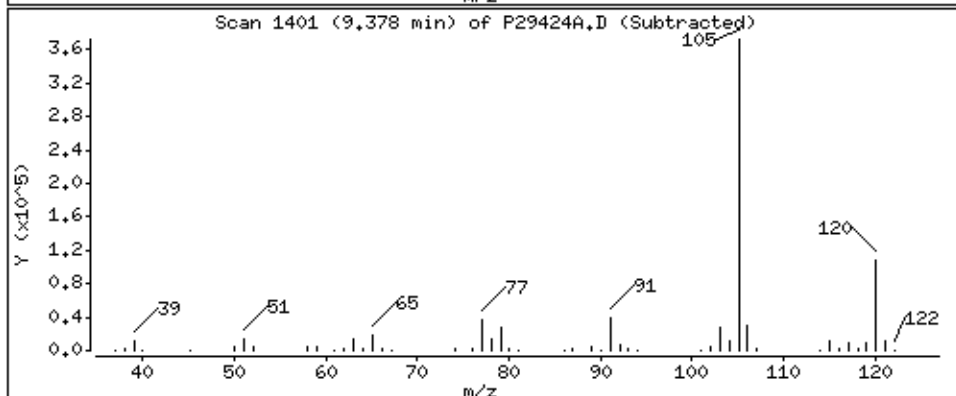
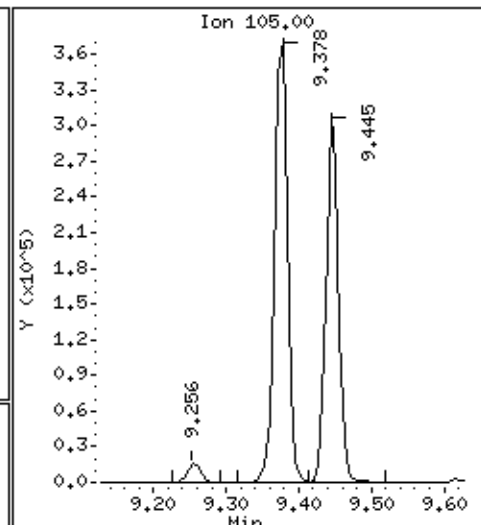
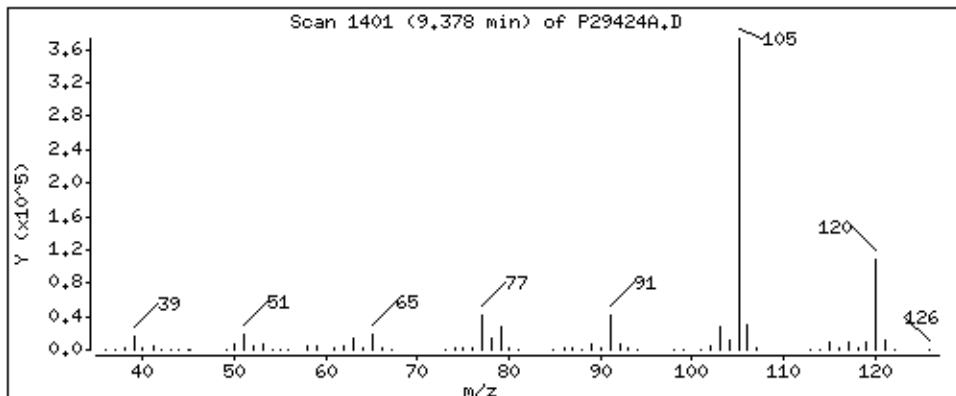
Column phase: RTX-624

Column diameter: 0,18

100 4-Ethyltoluene

Concentration: 46,9 ug/L

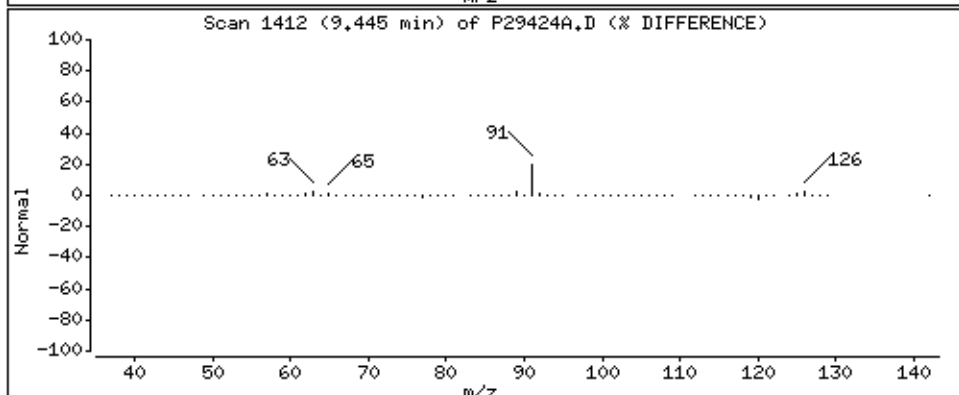
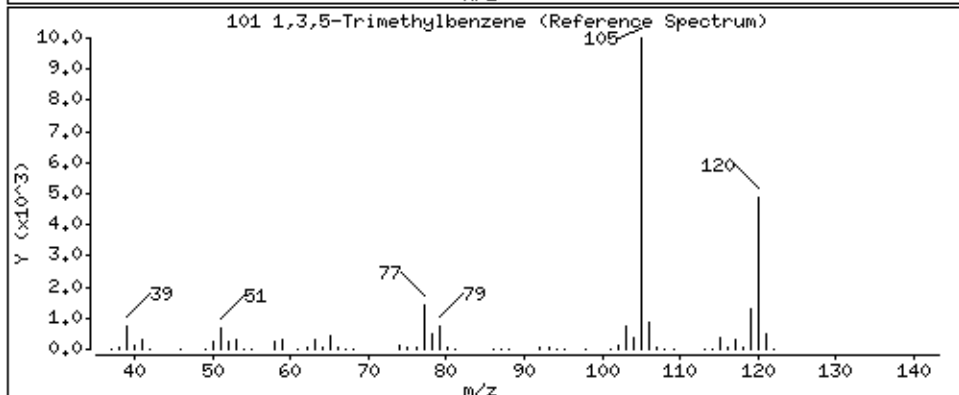
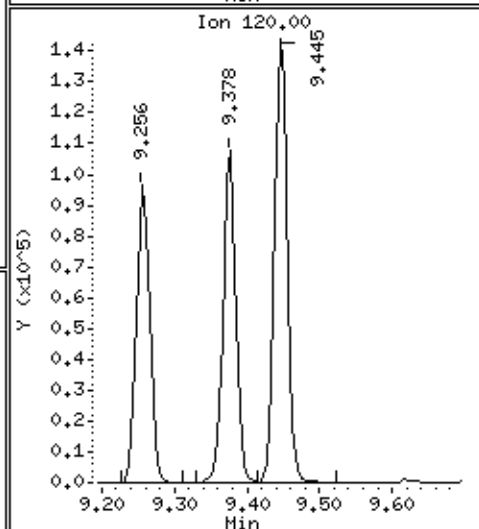
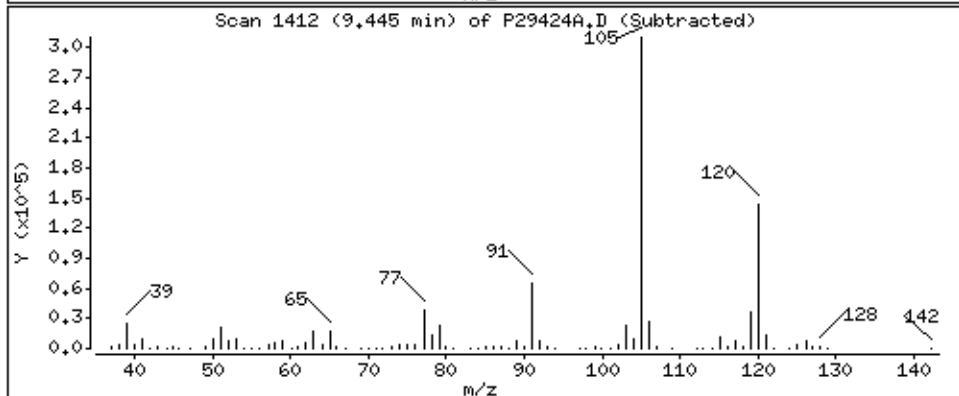
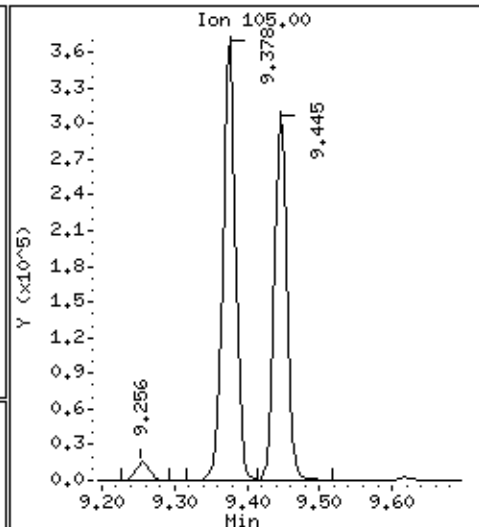
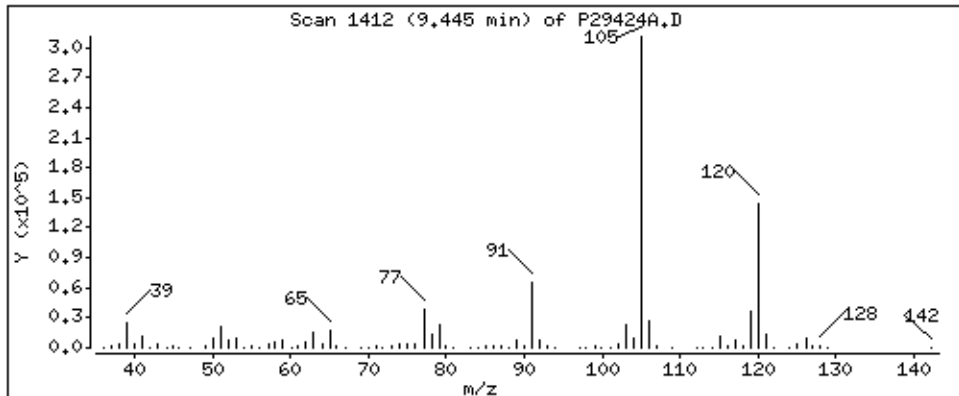
Review Code:



101 1,3,5-Trimethylbenzene

Concentration: 46,3 ug/L

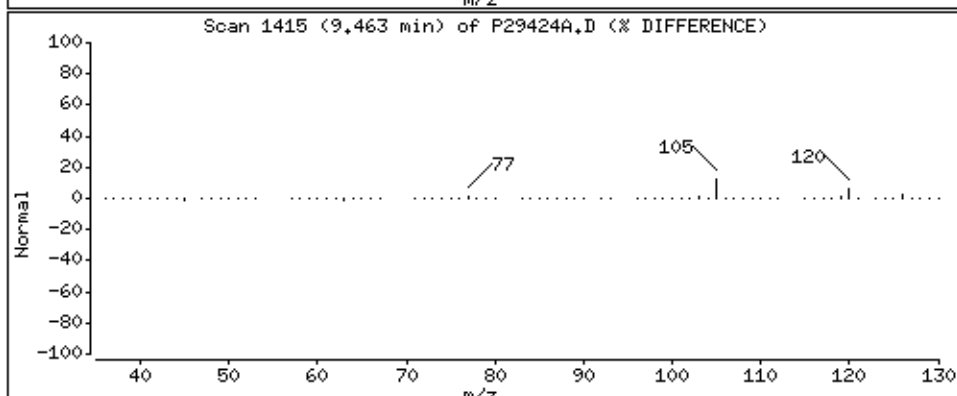
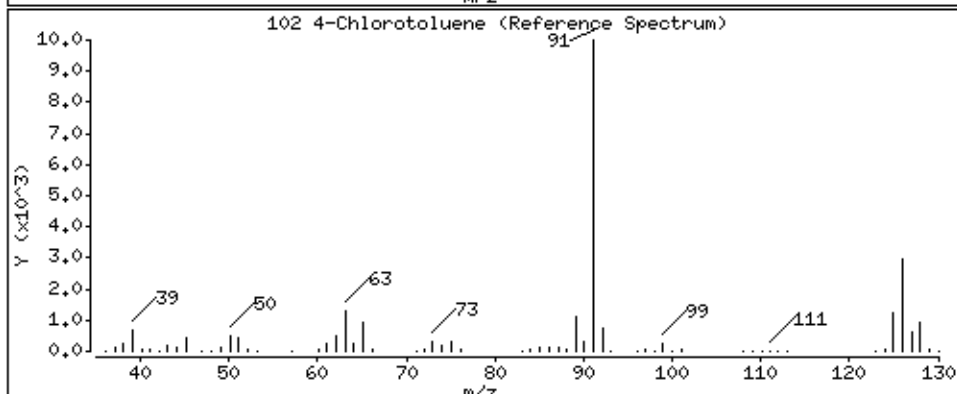
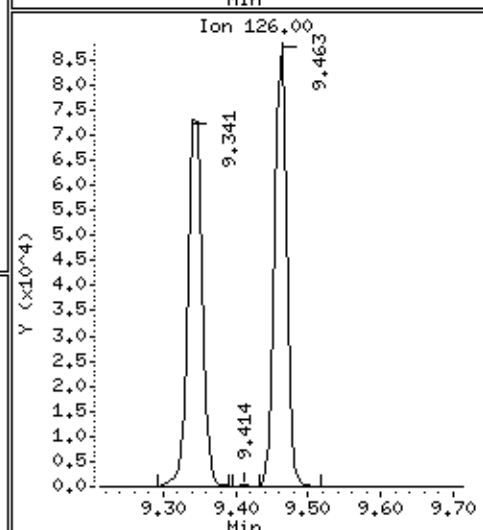
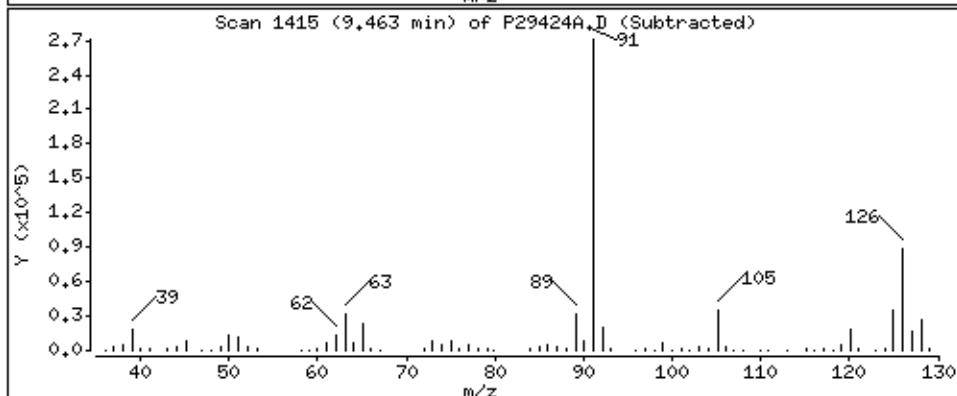
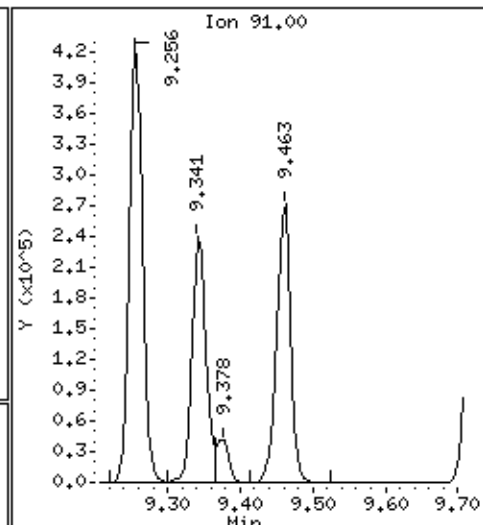
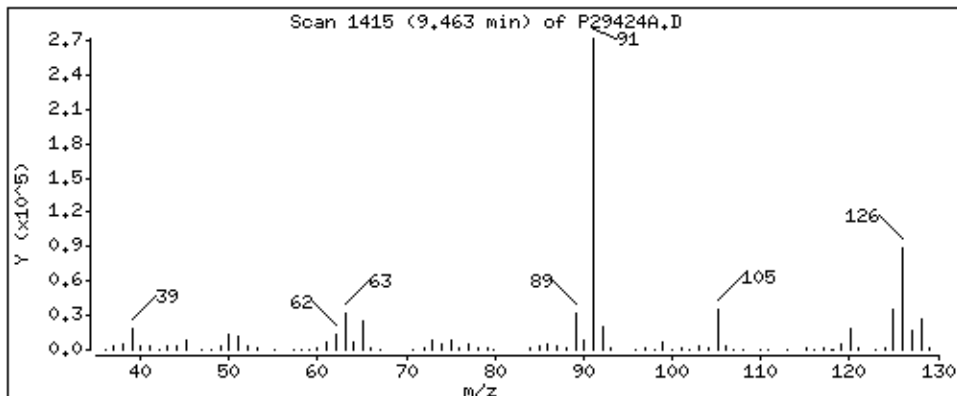
Review Code:



102 4-Chlorotoluene

Concentration: 46,3 ug/L

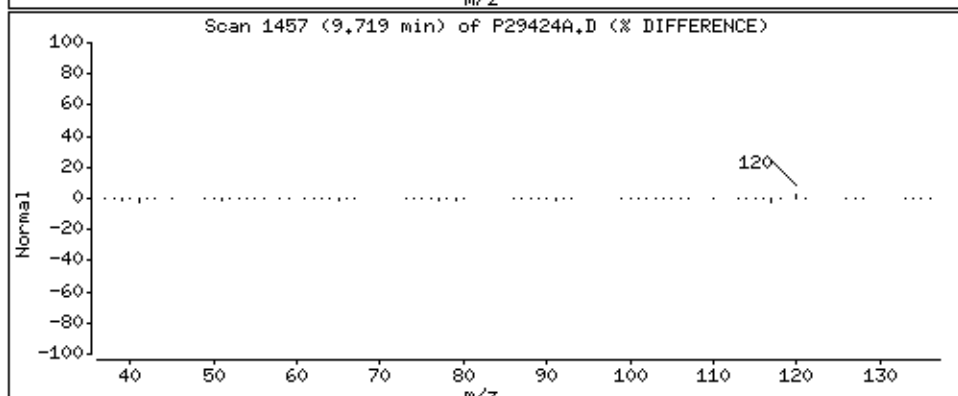
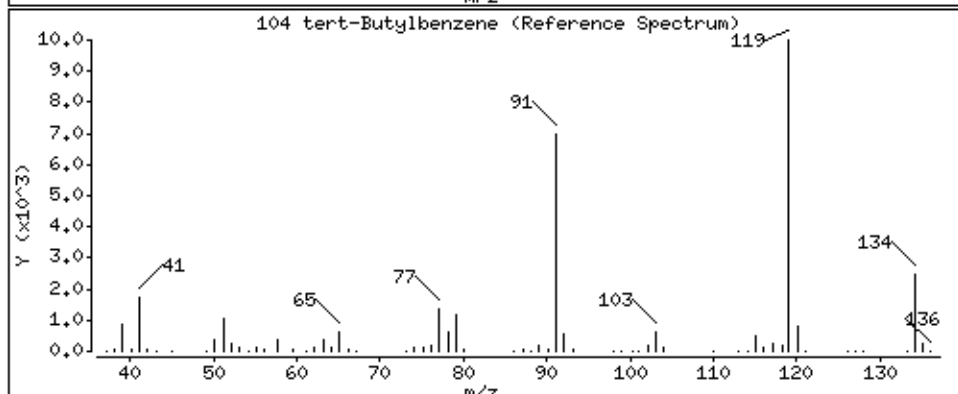
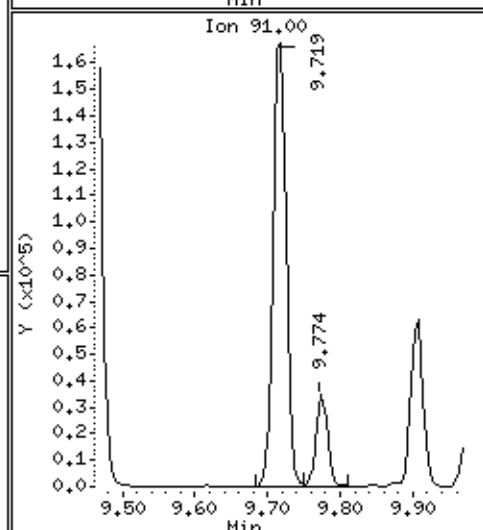
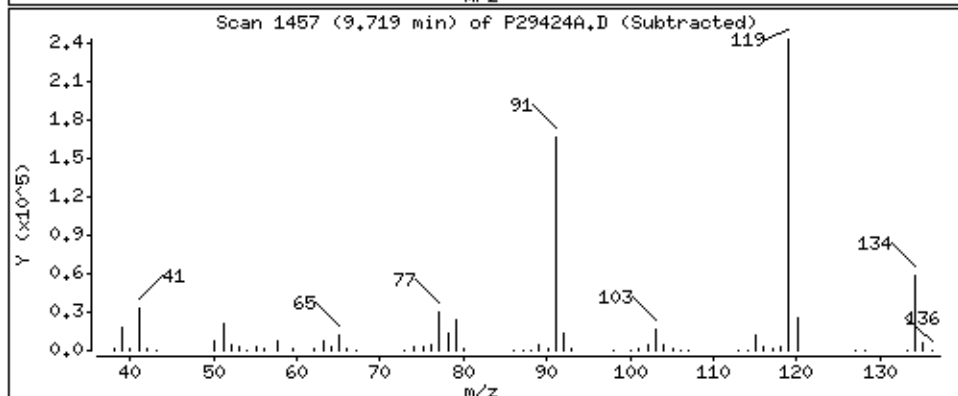
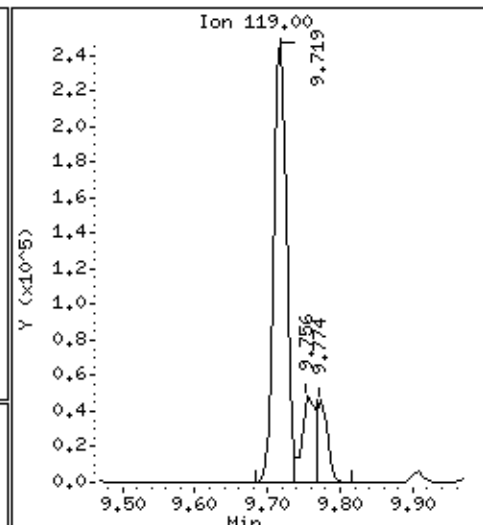
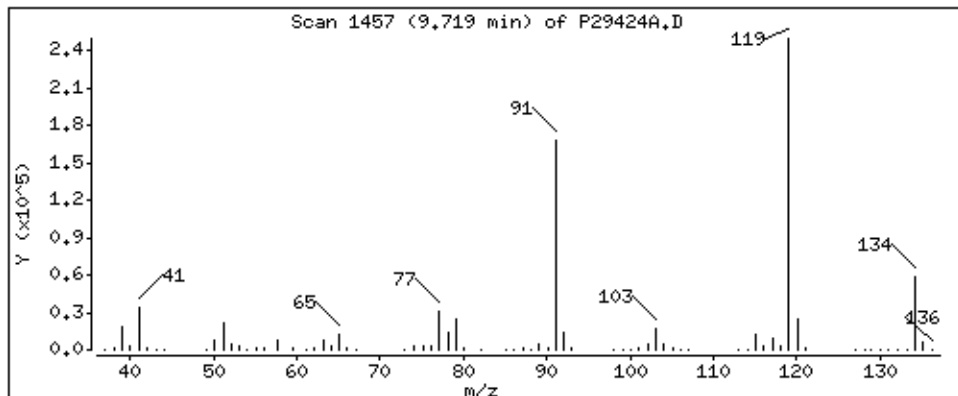
Review Code:



104 tert-Butylbenzene

Concentration: 45,1 ug/L

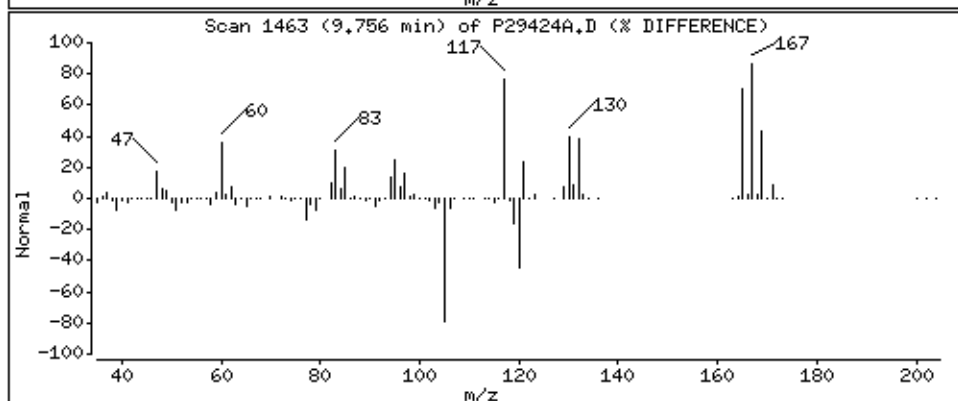
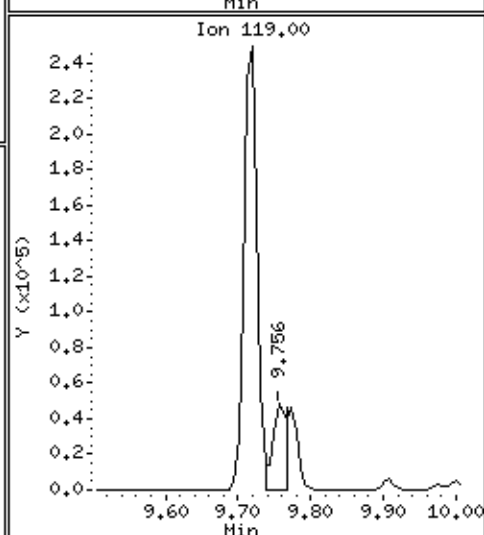
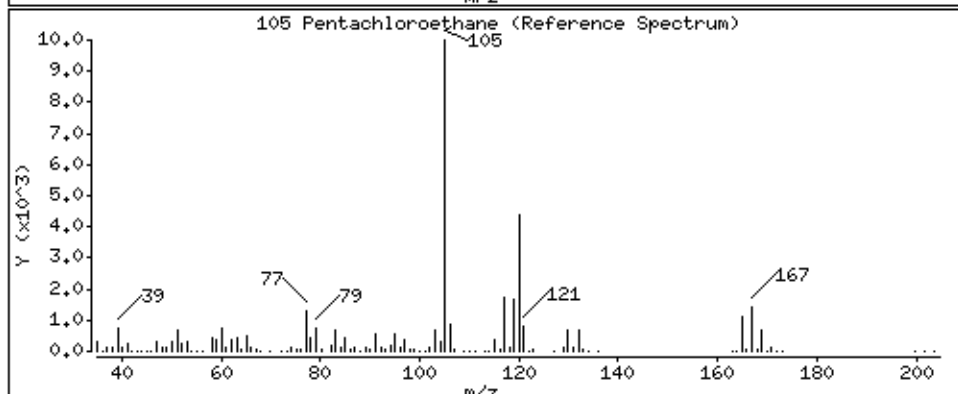
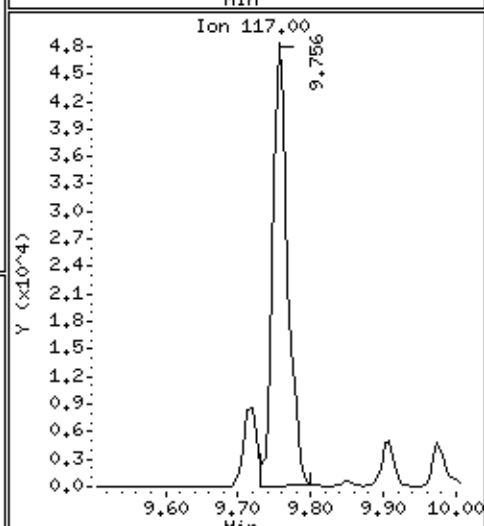
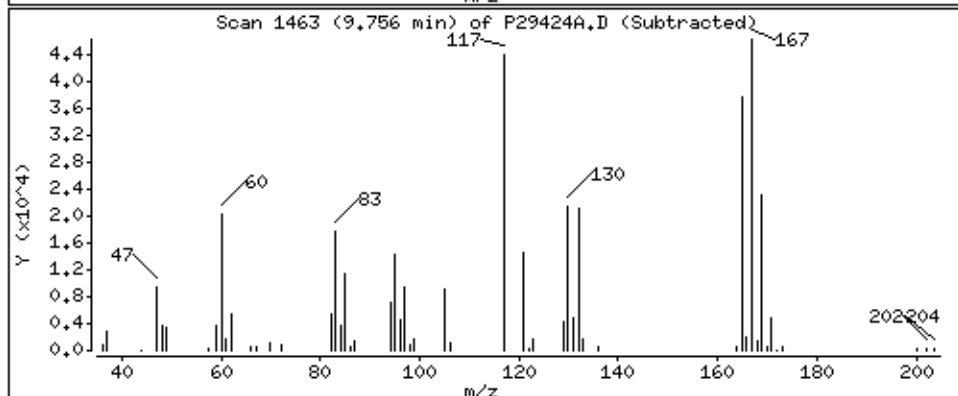
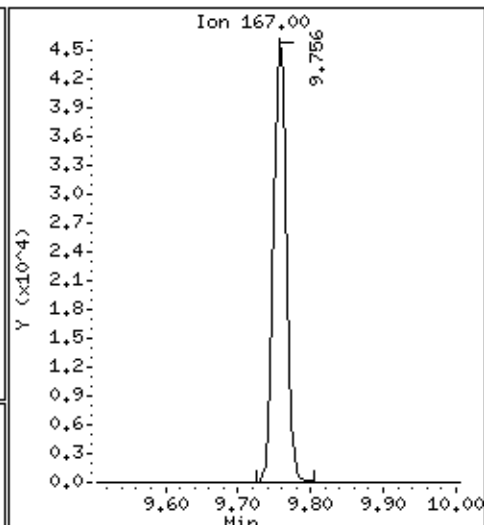
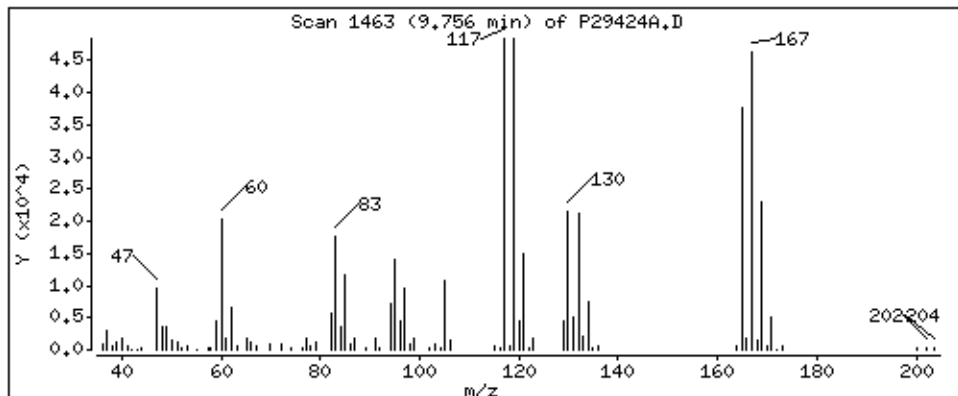
Review Code:



105 Pentachloroethane

Concentration: 52.9 ug/L

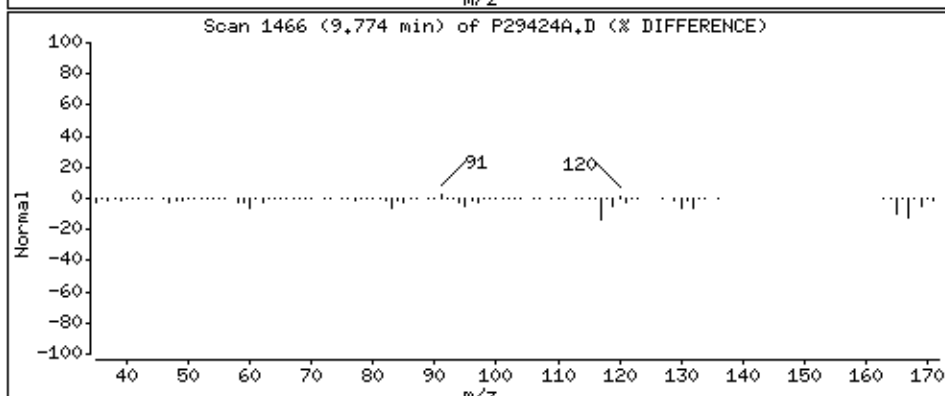
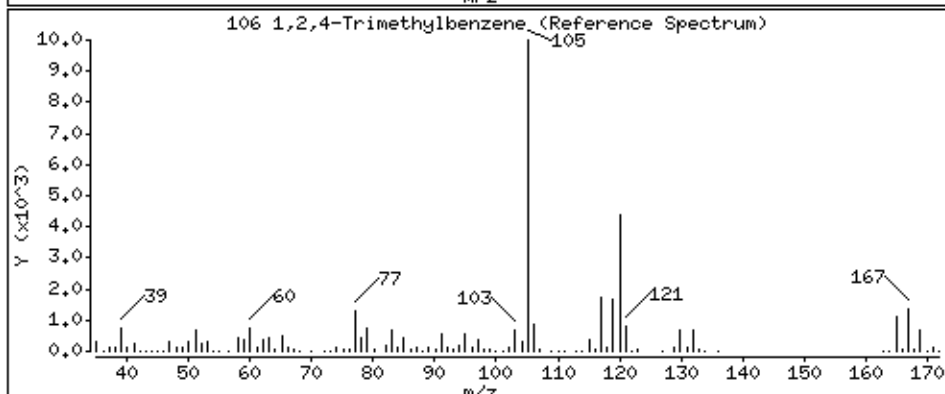
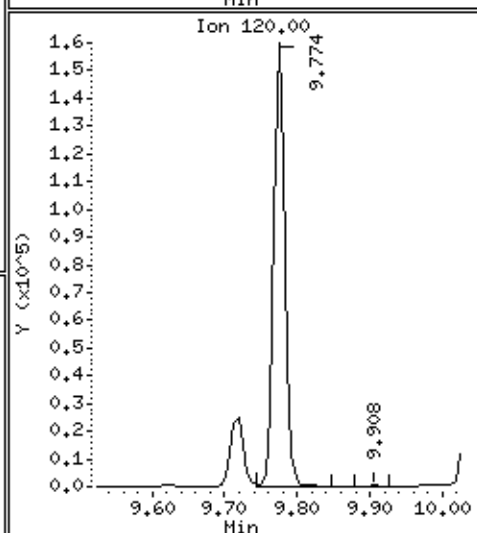
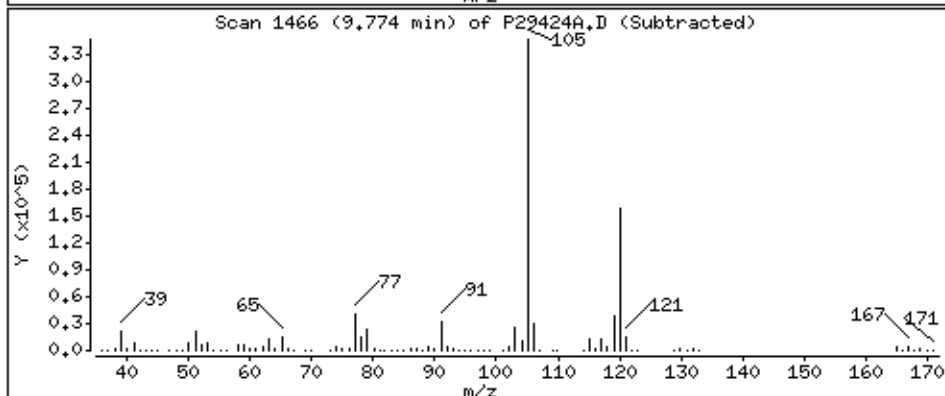
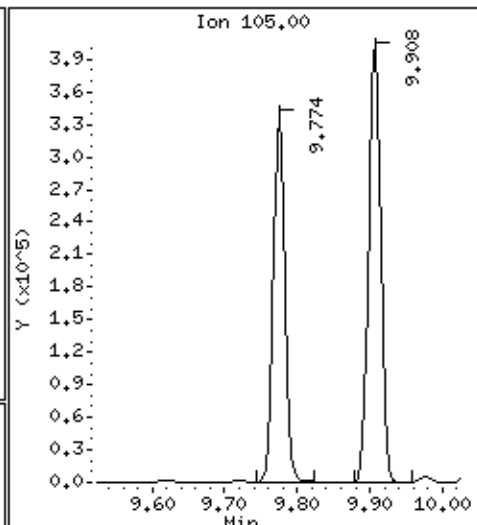
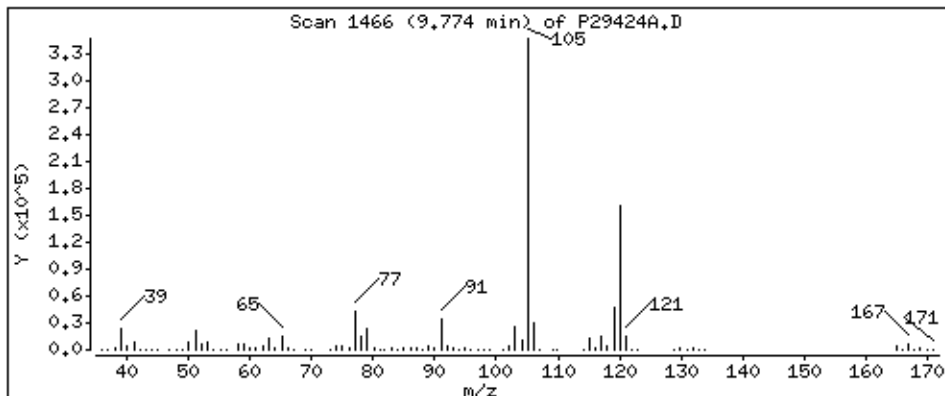
Review Code:



106 1,2,4-Trimethylbenzene

Concentration: 46,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

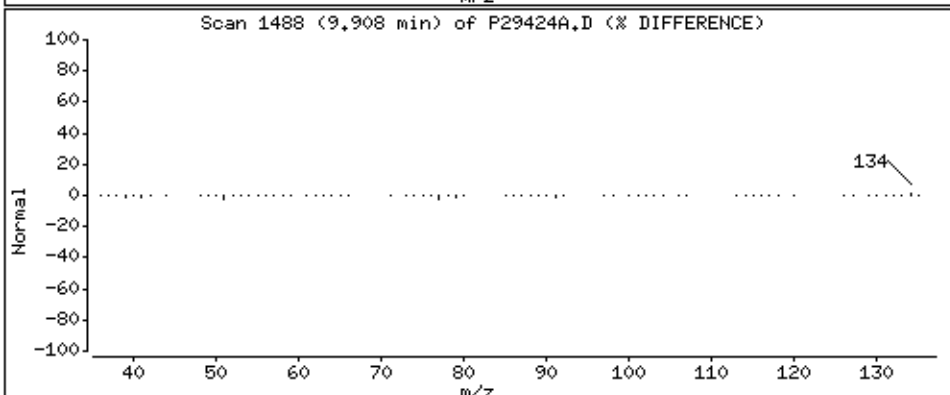
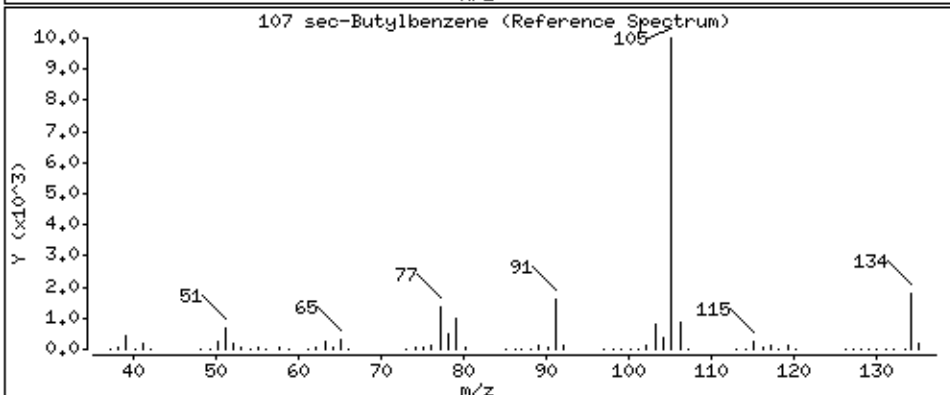
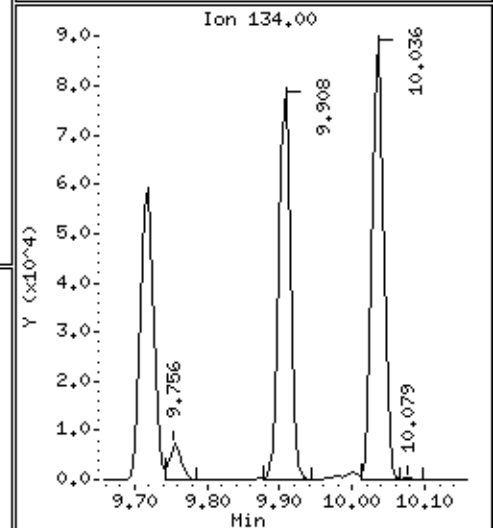
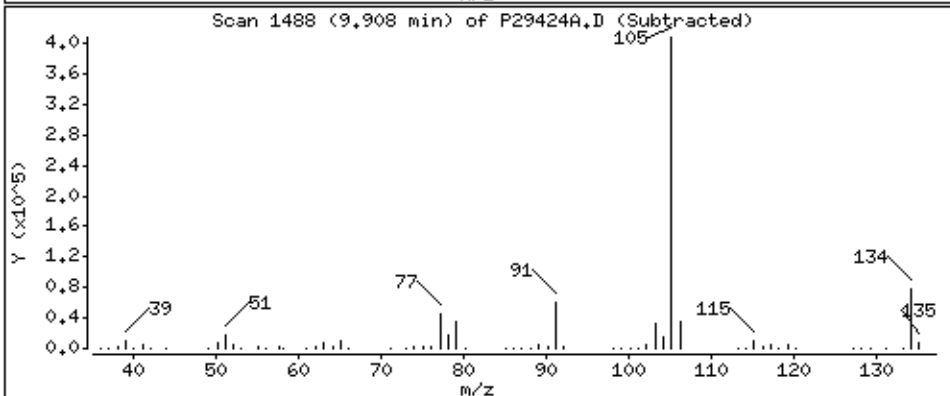
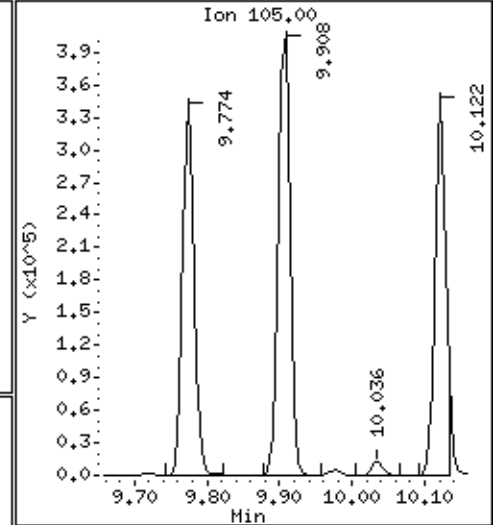
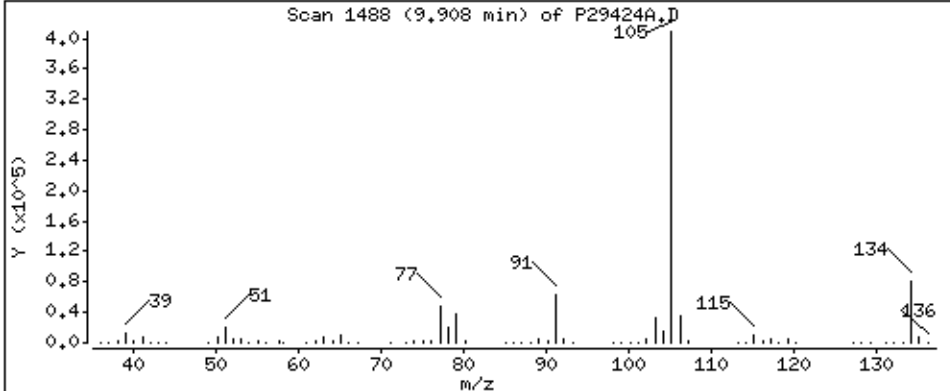
Column phase: RTX-624

Column diameter: 0,18

107 sec-Butylbenzene

Concentration: 45,3 ug/L

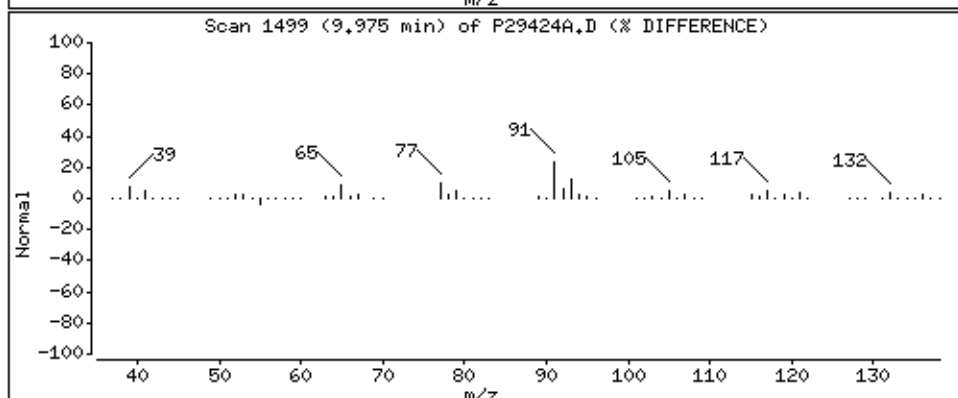
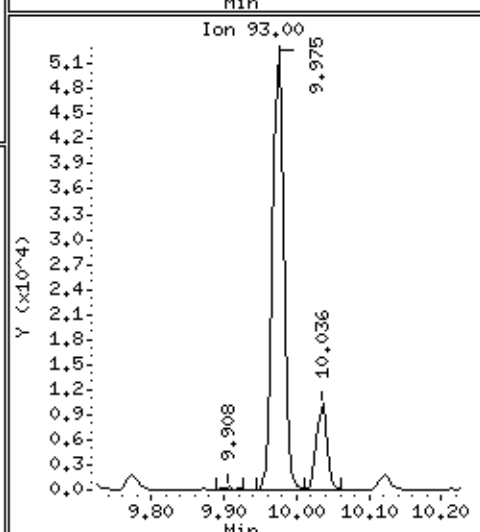
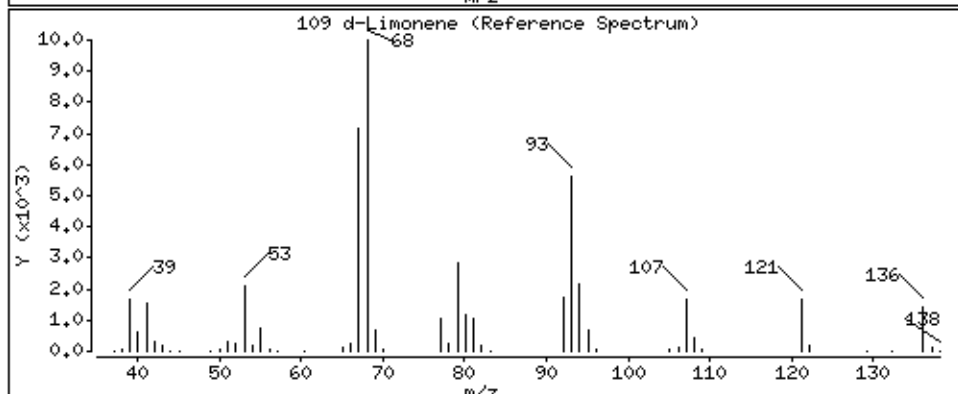
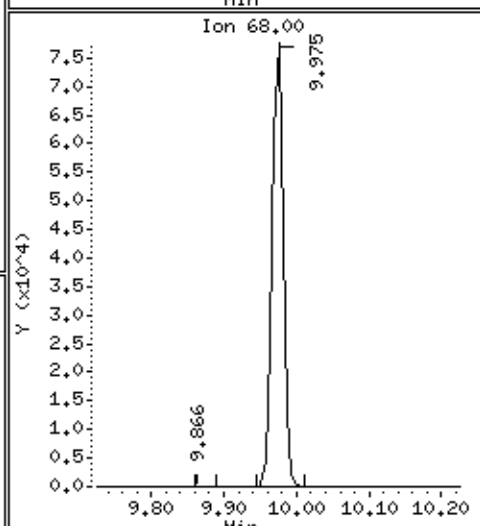
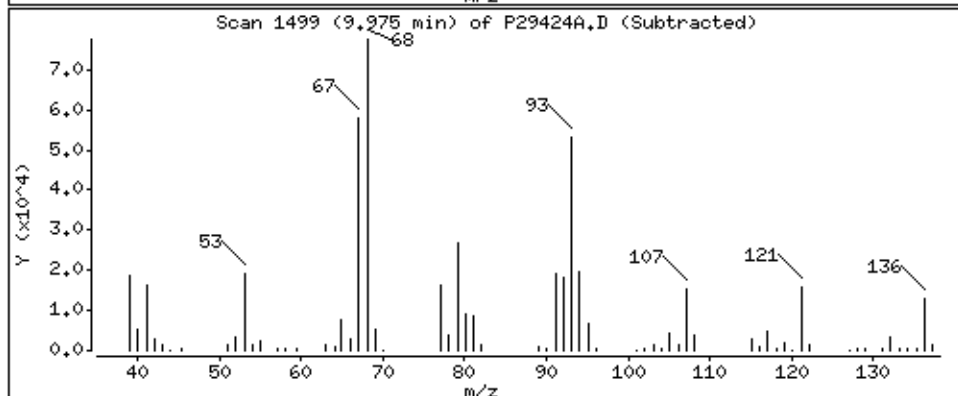
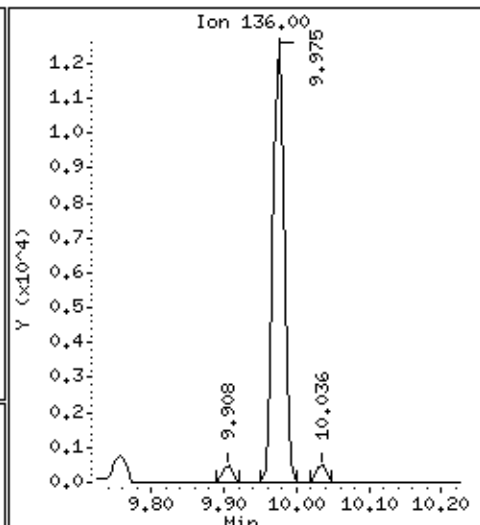
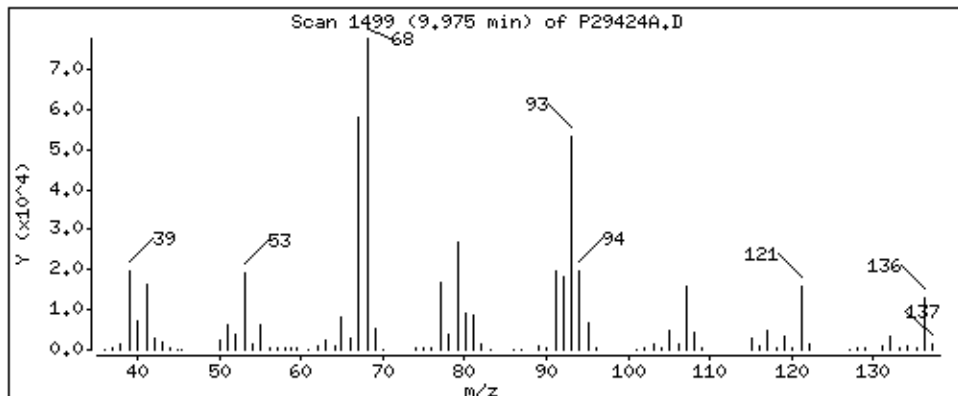
Review Code:



109 d-Limonene

Concentration: 37.6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

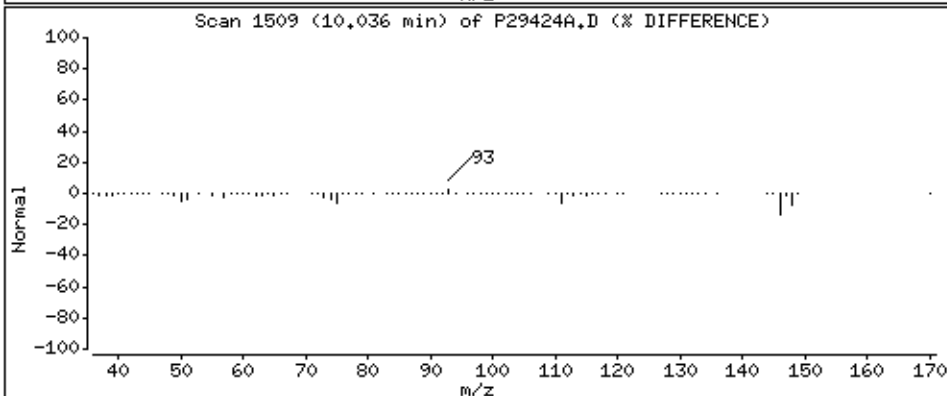
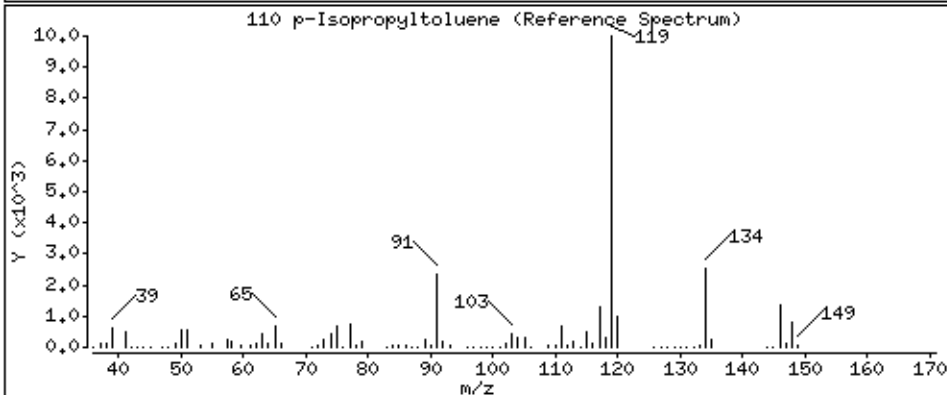
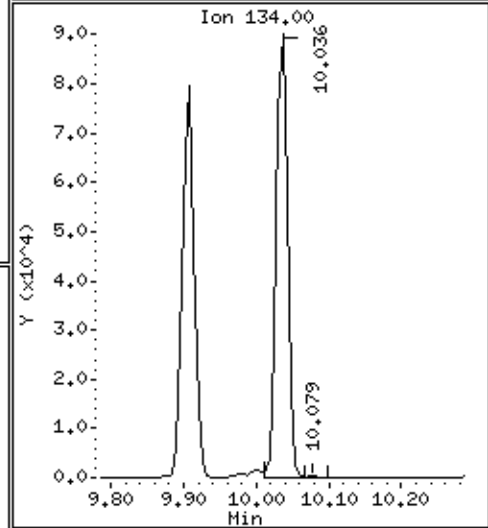
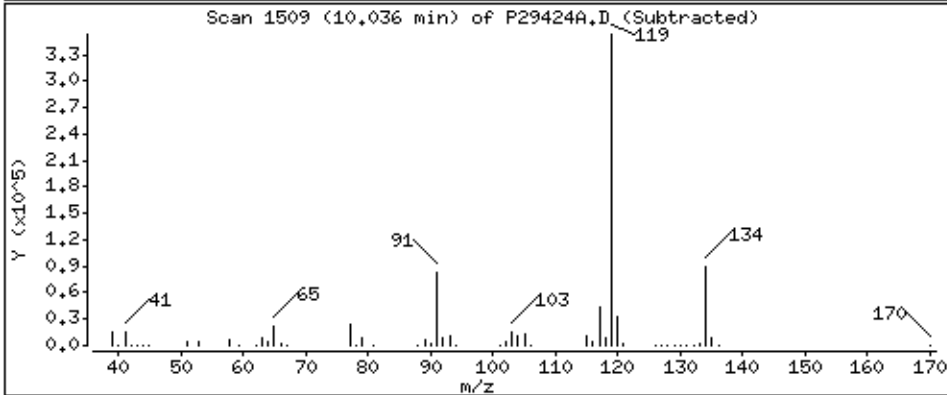
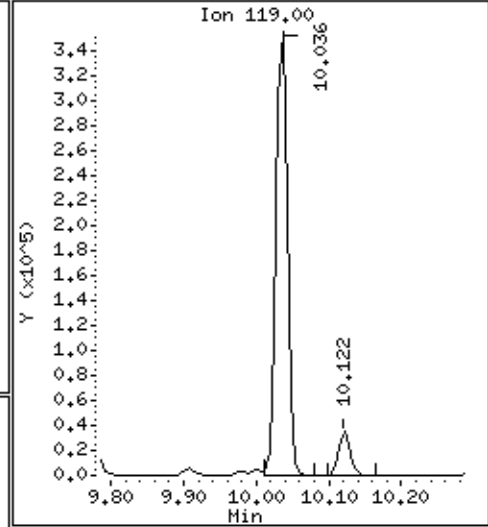
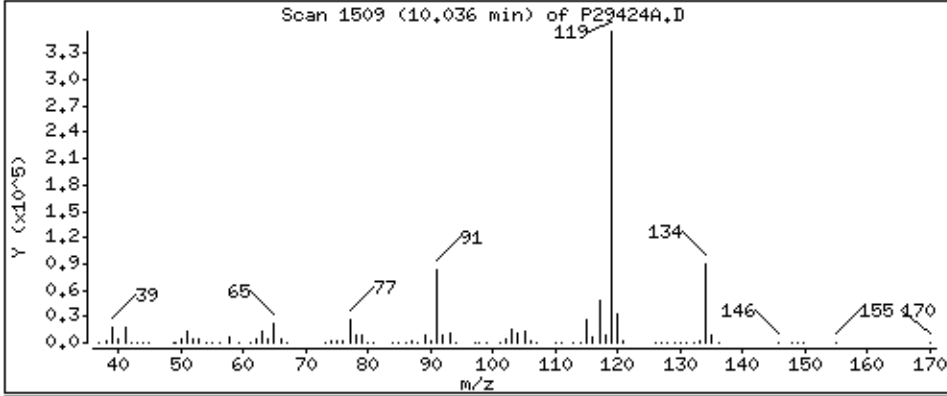
Column phase: RTX-624

Column diameter: 0,18

110 p-Isopropyltoluene

Concentration: 44,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

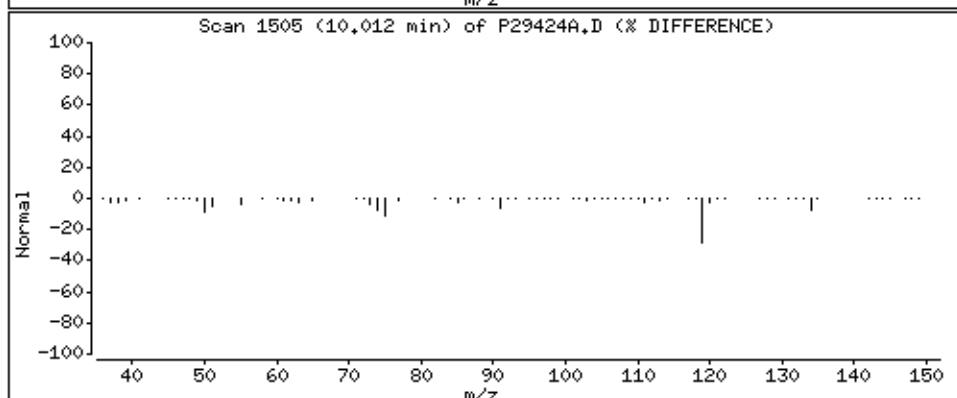
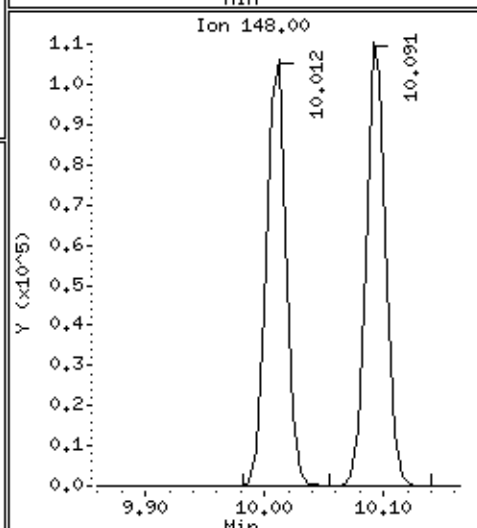
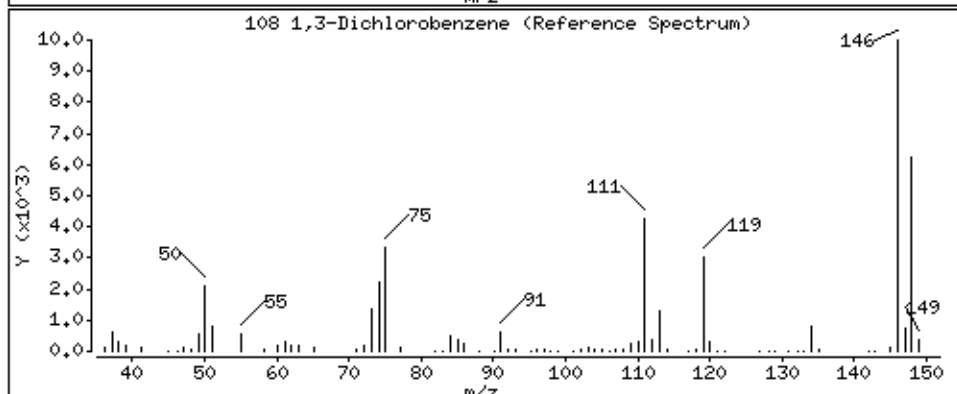
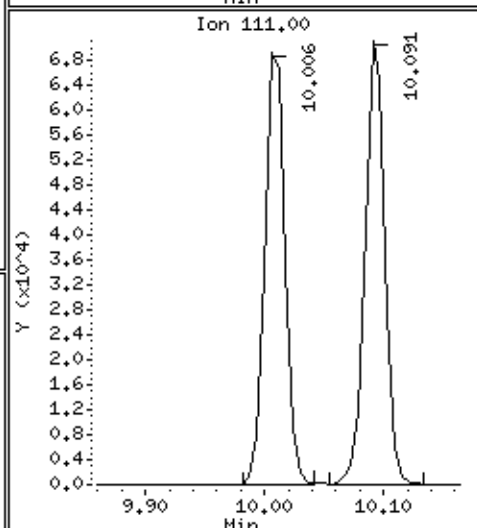
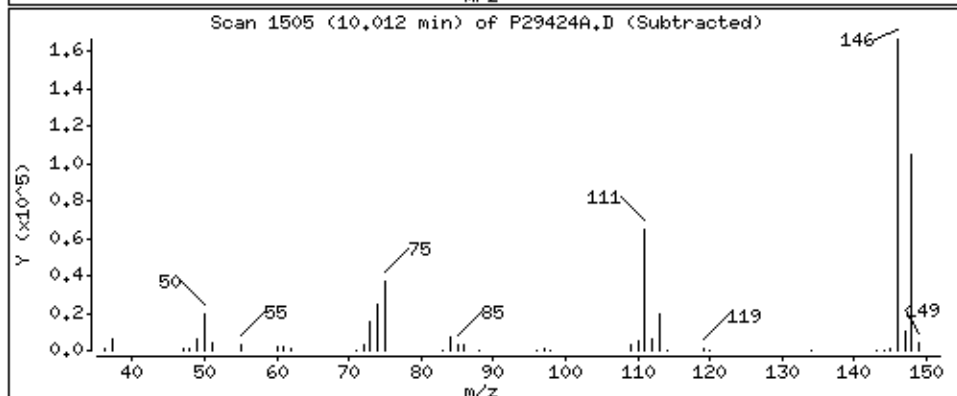
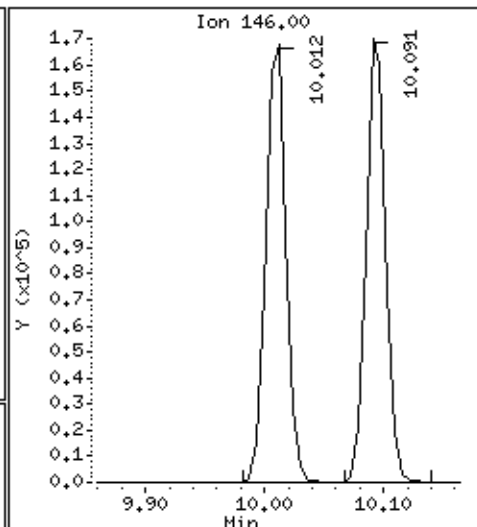
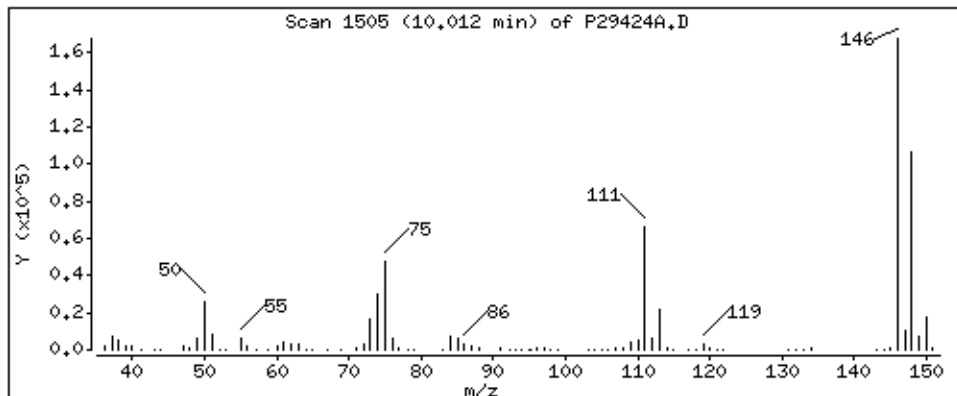
Column phase: RTX-624

Column diameter: 0,18

108 1,3-Dichlorobenzene

Concentration: 50,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

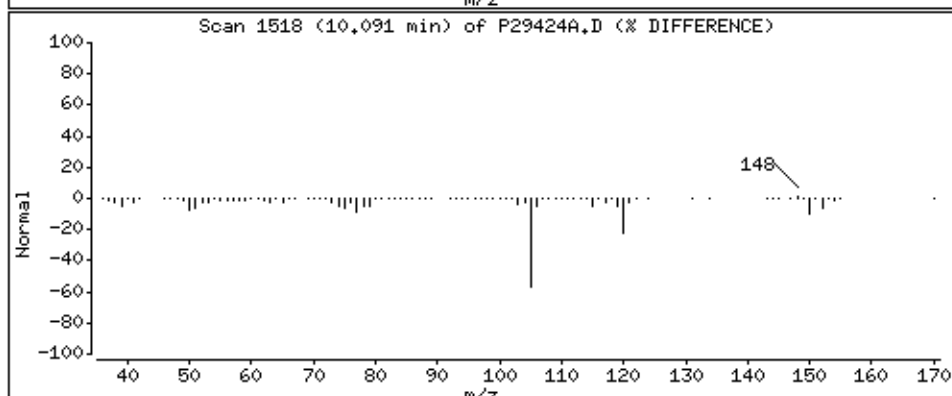
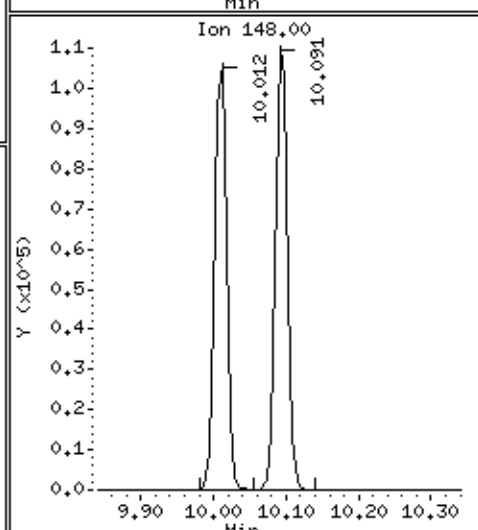
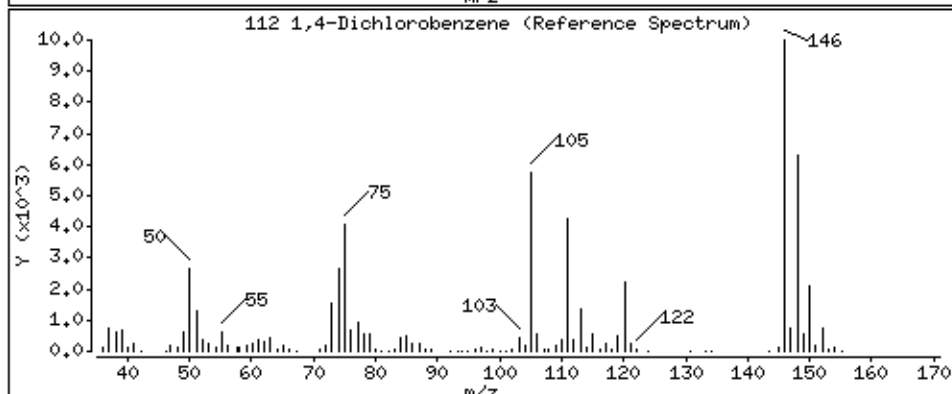
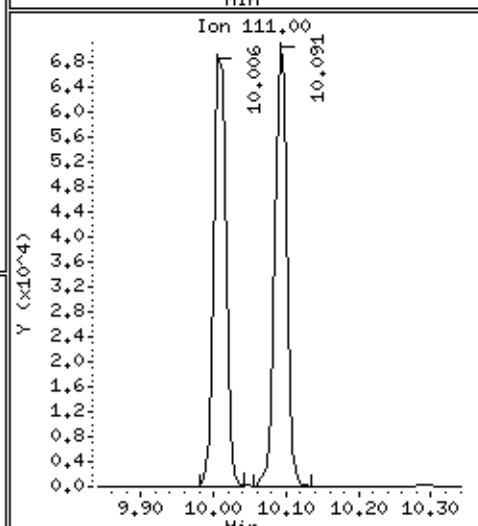
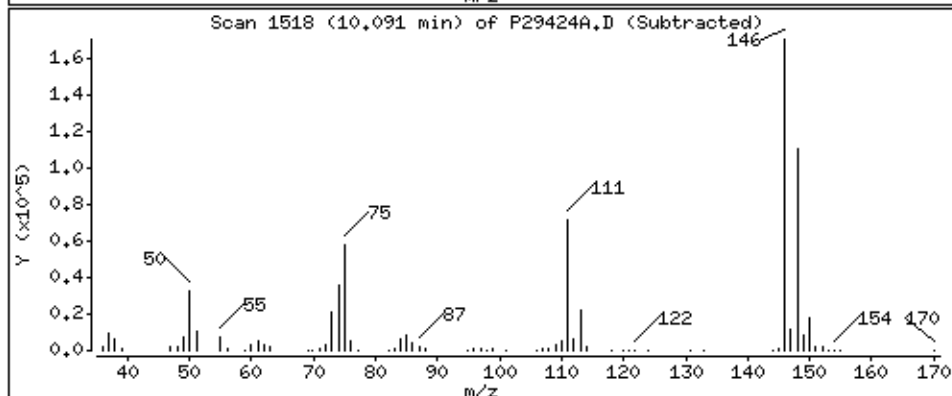
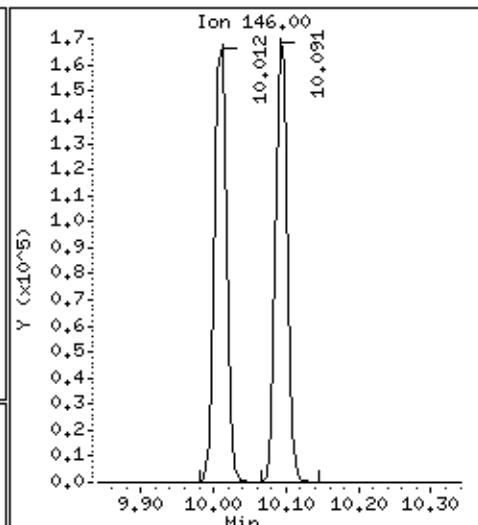
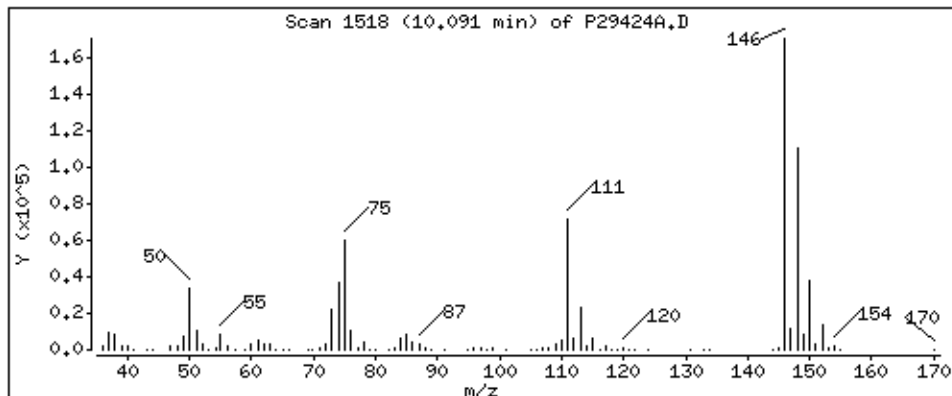
Column phase: RTX-624

Column diameter: 0,18

112 1,4-Dichlorobenzene

Concentration: 48,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

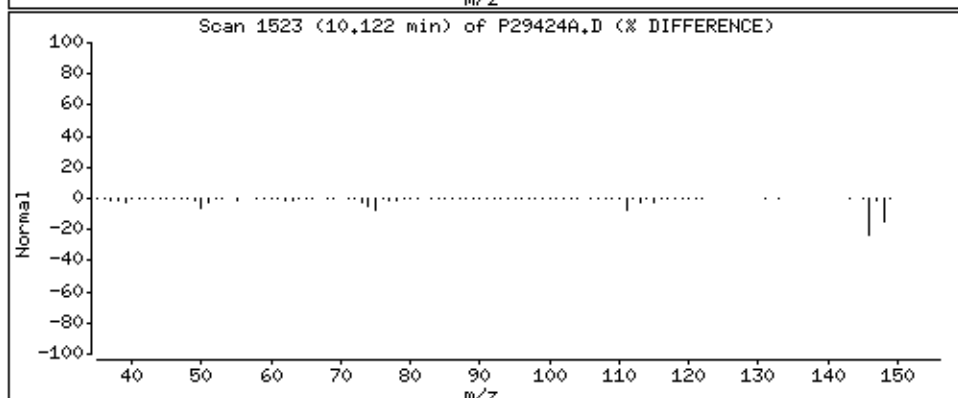
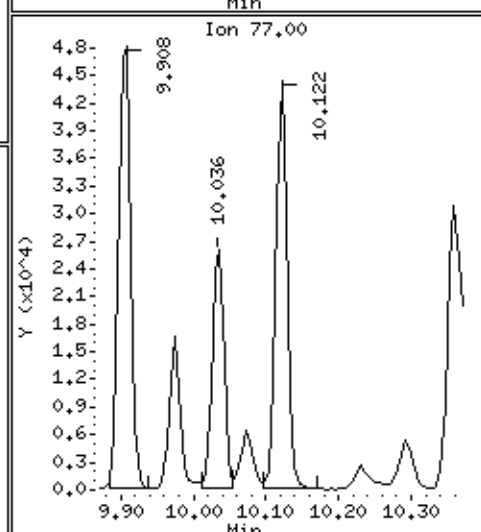
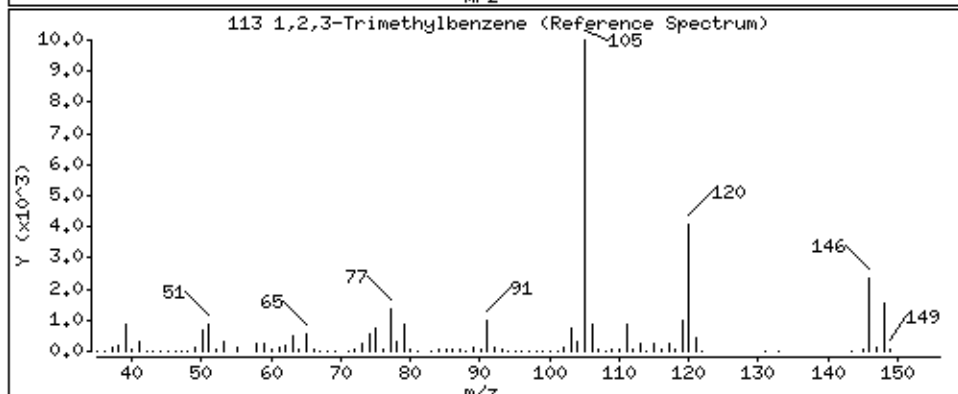
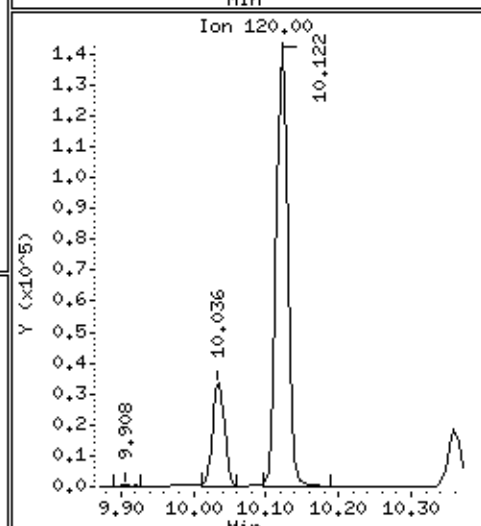
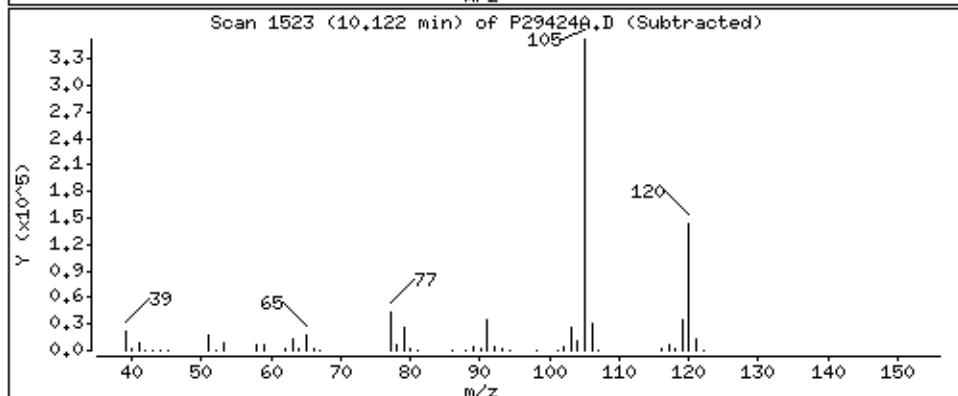
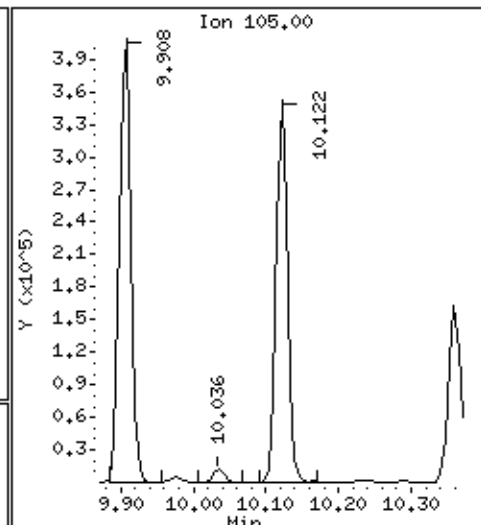
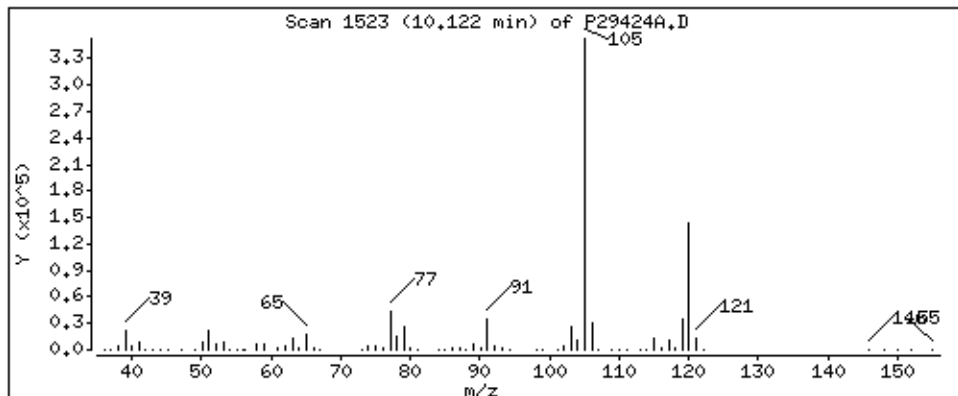
Column phase: RTX-624

Column diameter: 0,18

113 1,2,3-Trimethylbenzene

Concentration: 46,6 ug/L

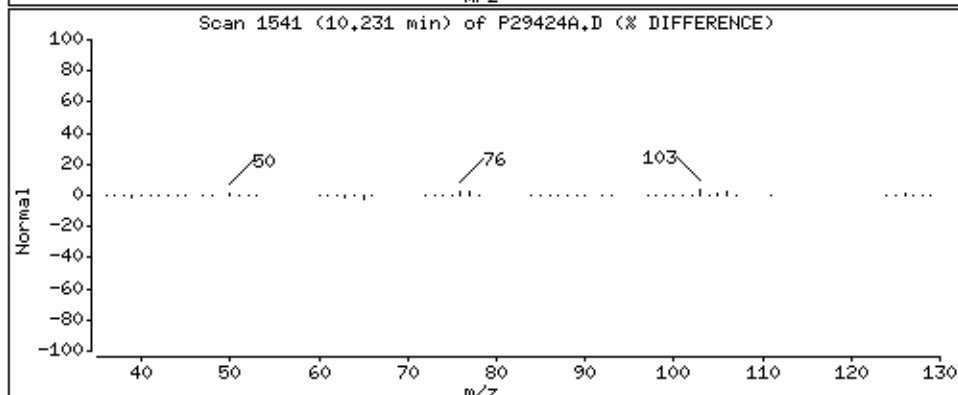
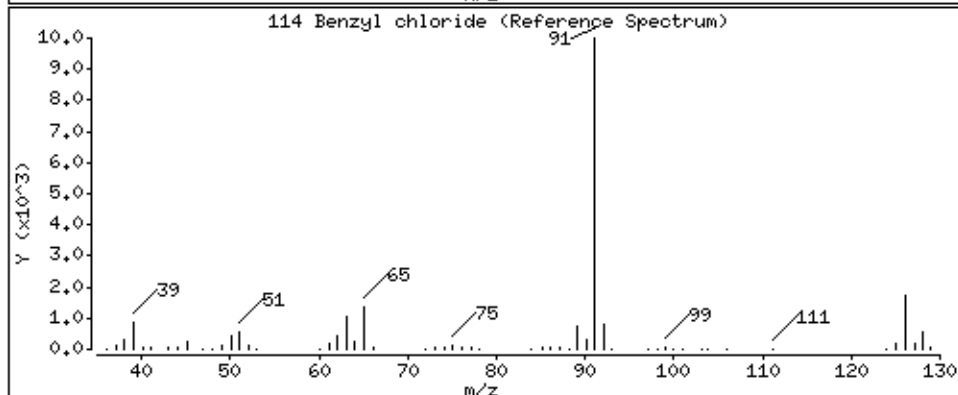
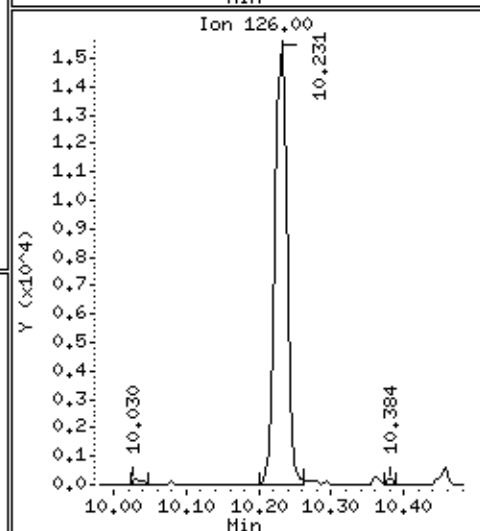
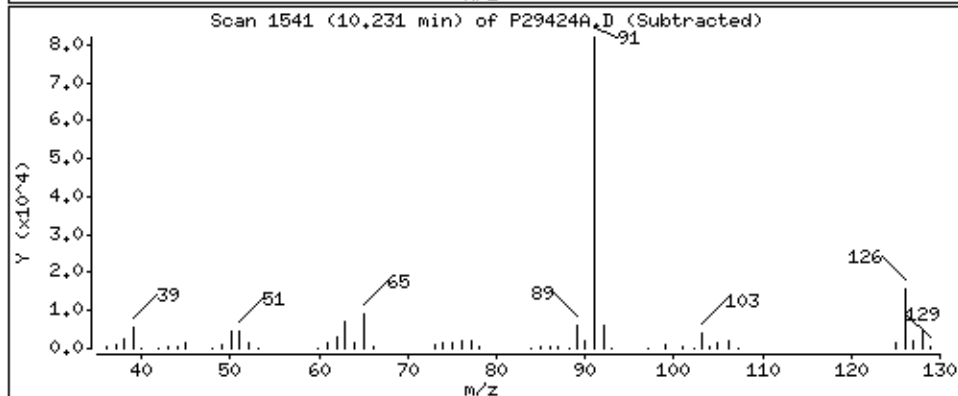
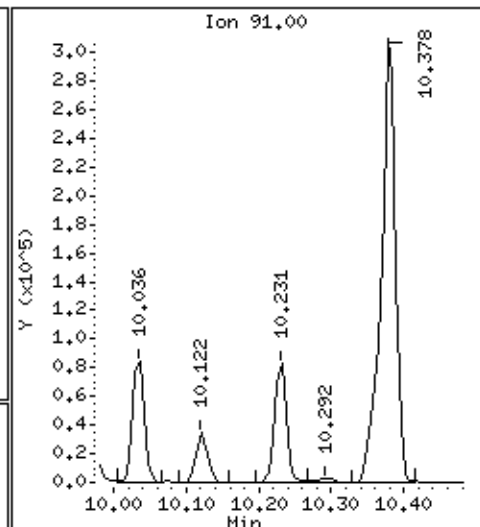
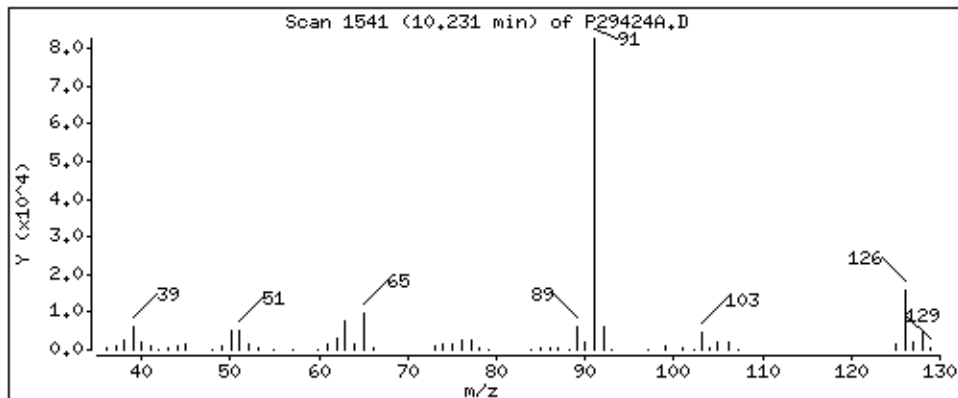
Review Code:



114 Benzyl chloride

Concentration: 28,4 ug/L

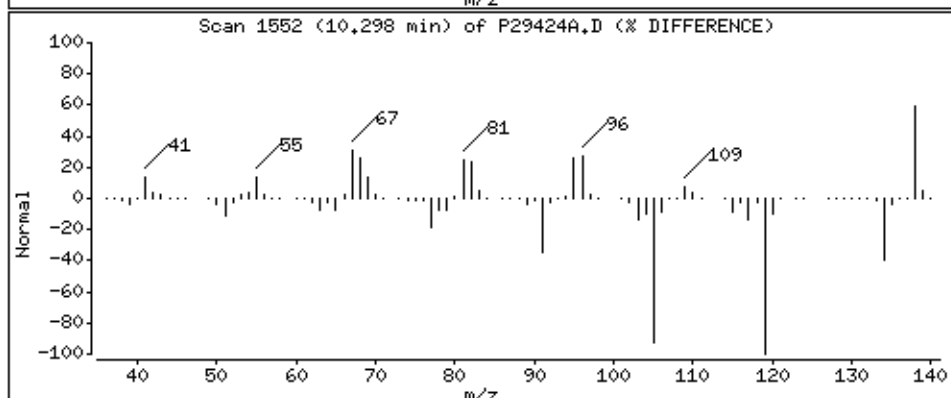
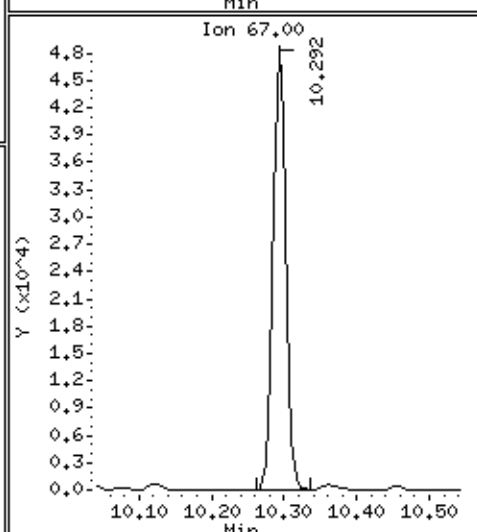
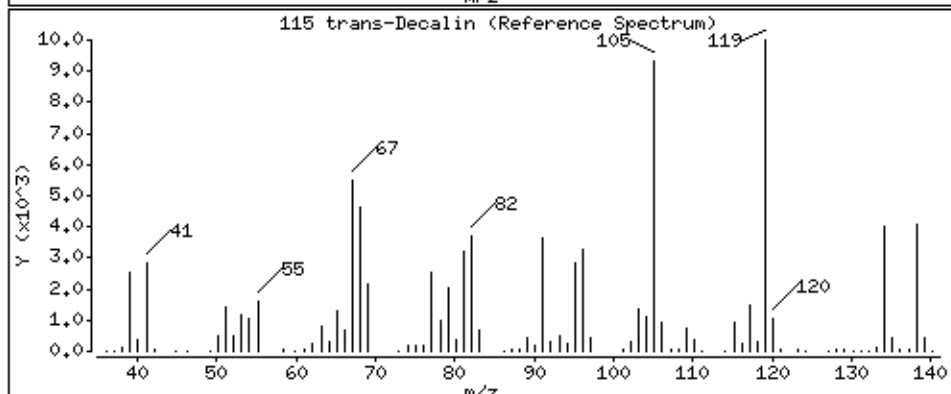
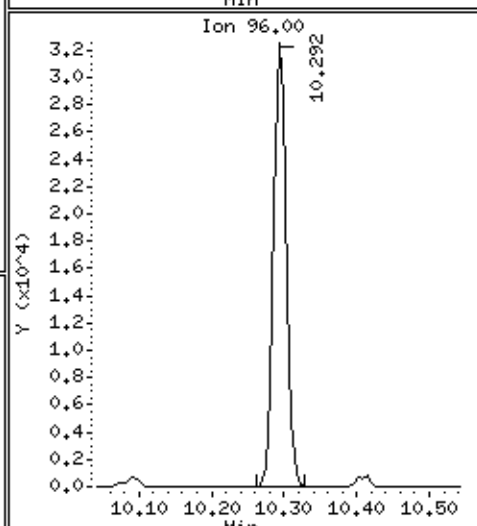
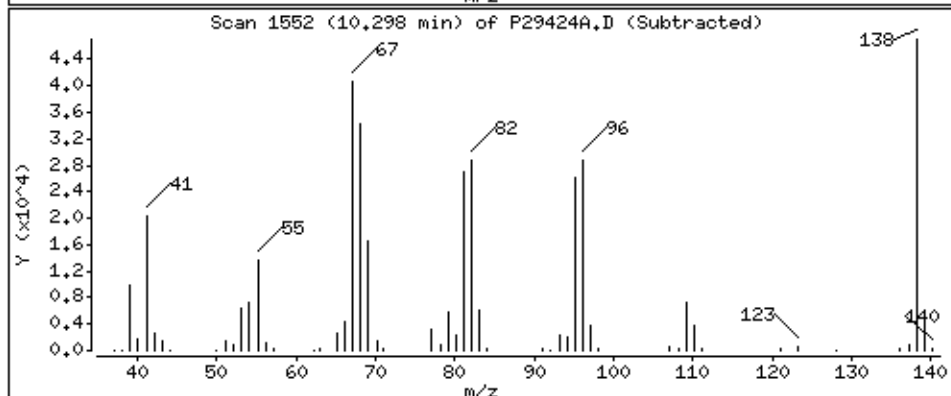
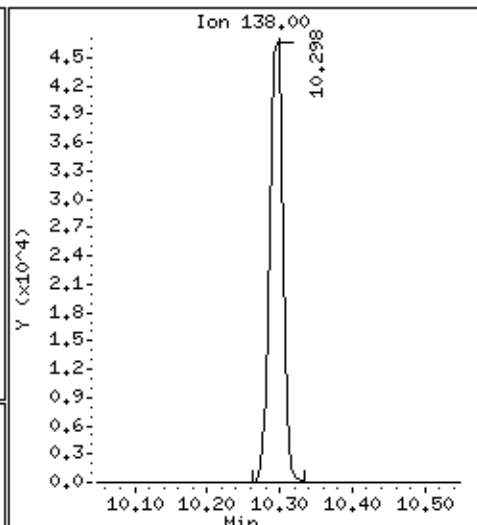
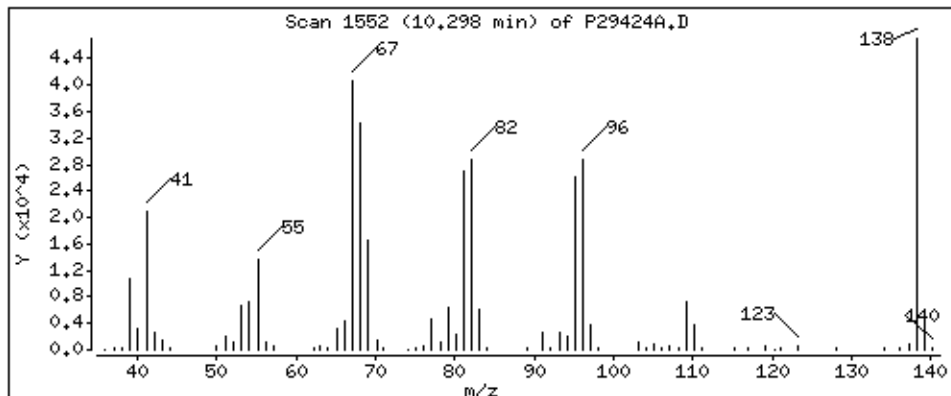
Review Code:



115 trans-Decalin

Concentration: 43,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

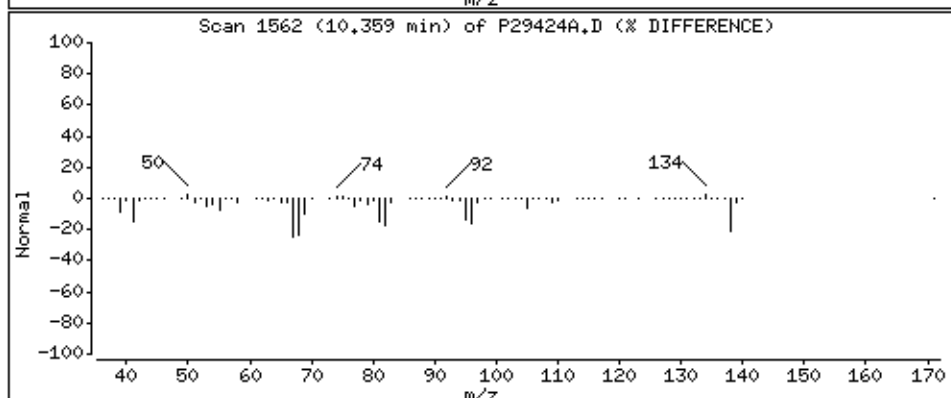
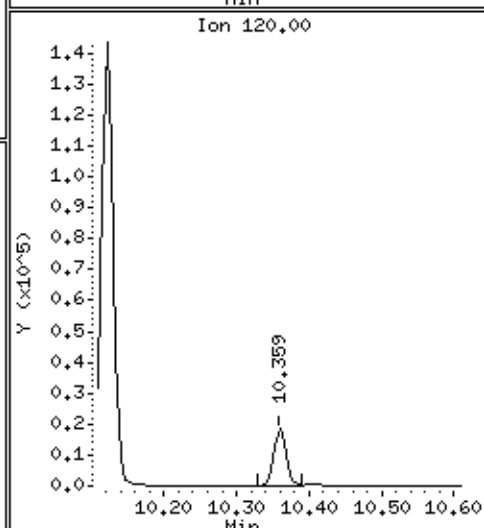
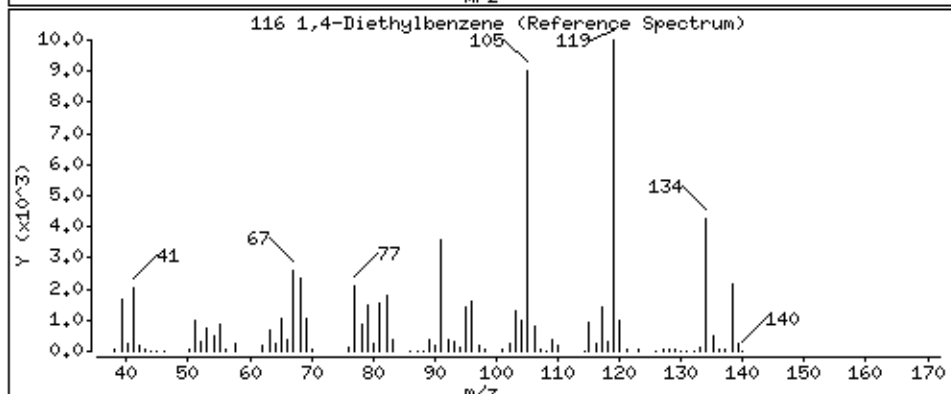
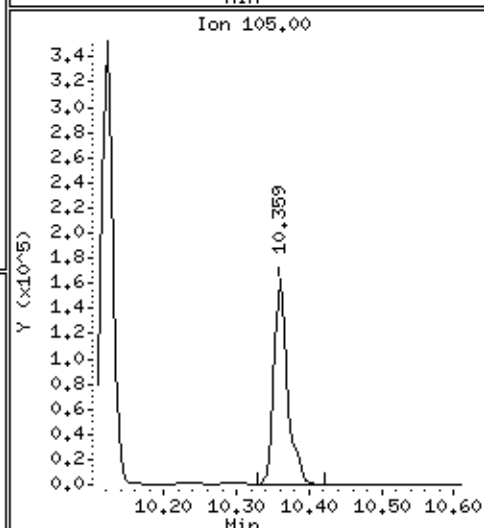
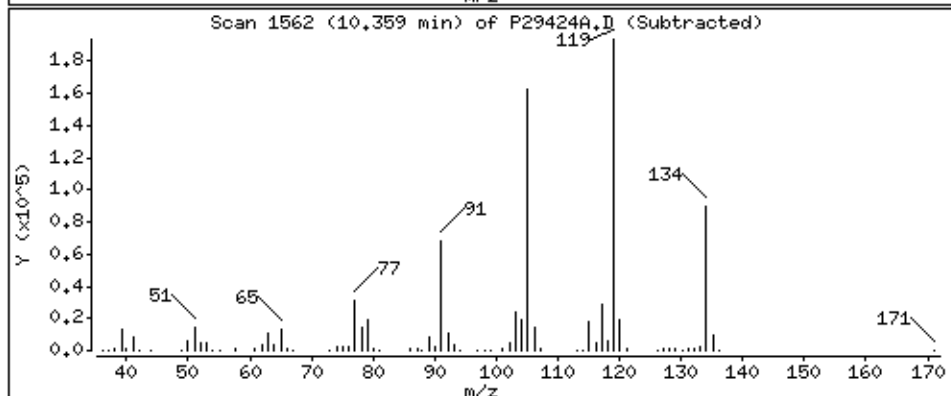
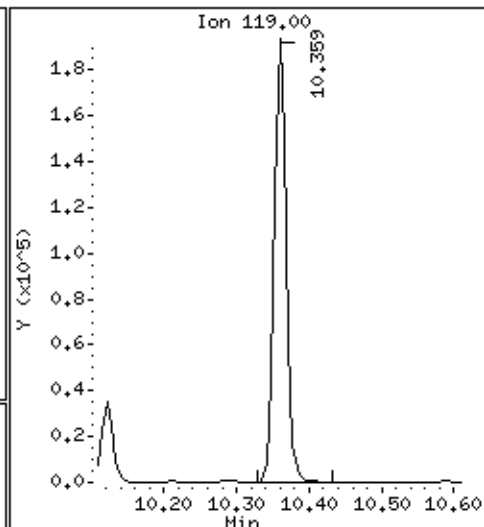
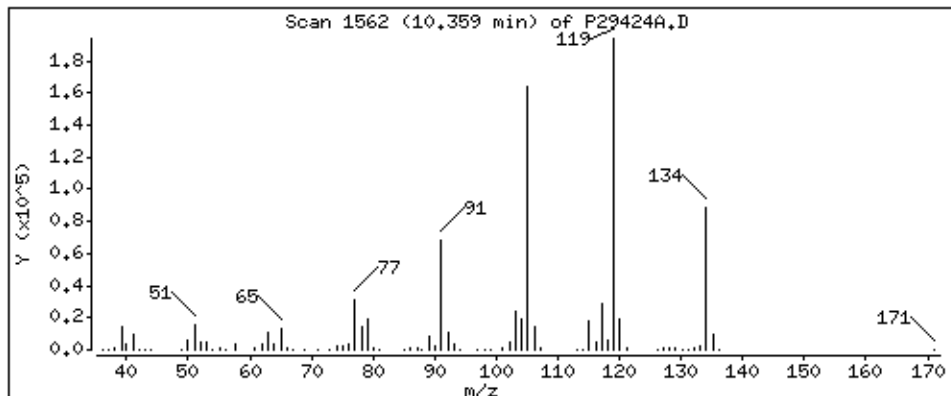
Column phase: RTX-624

Column diameter: 0,18

116 1,4-Diethylbenzene

Concentration: 46,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

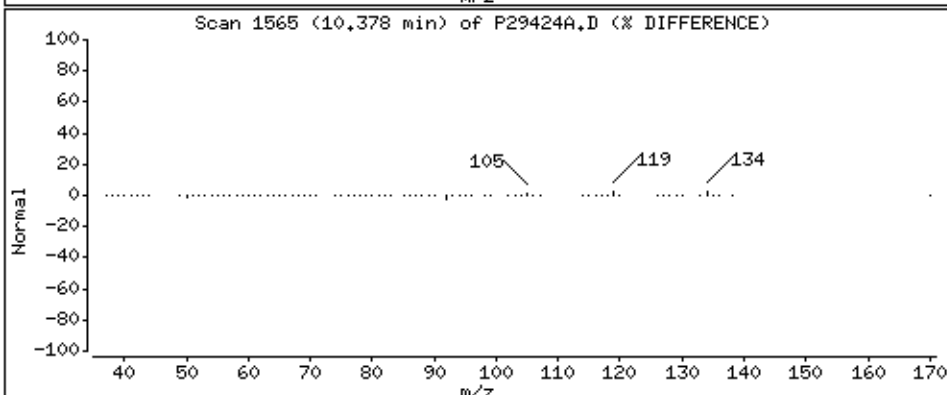
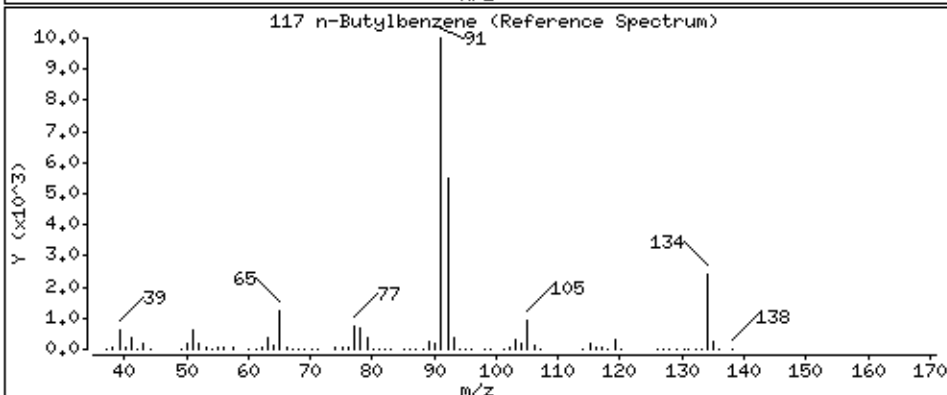
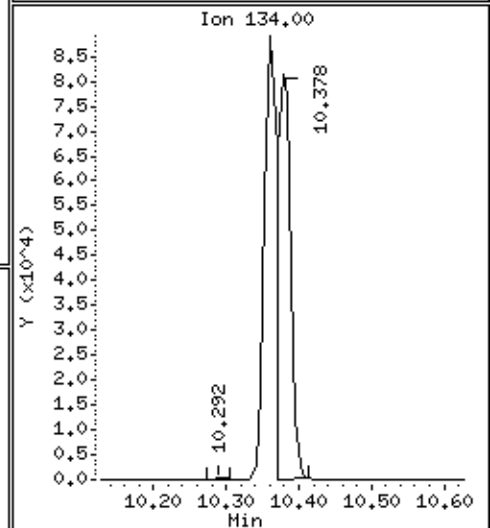
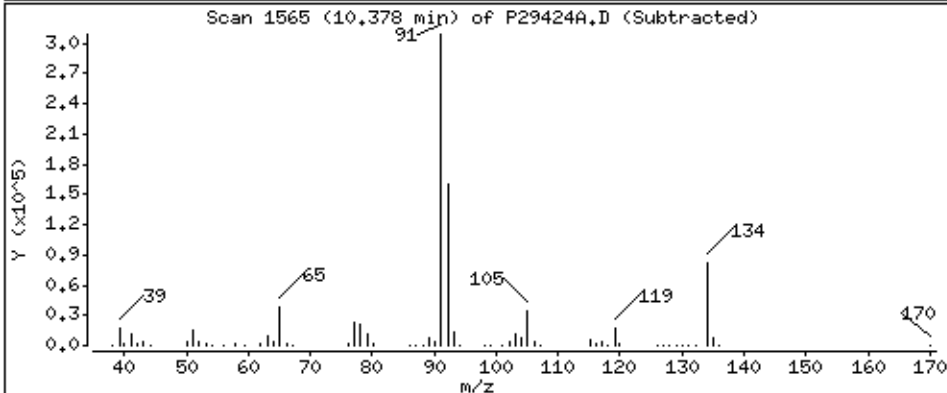
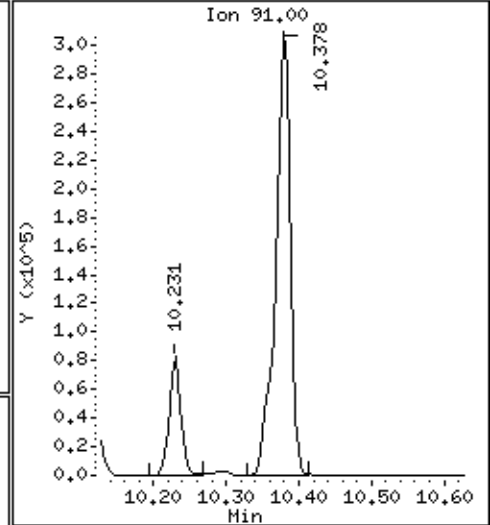
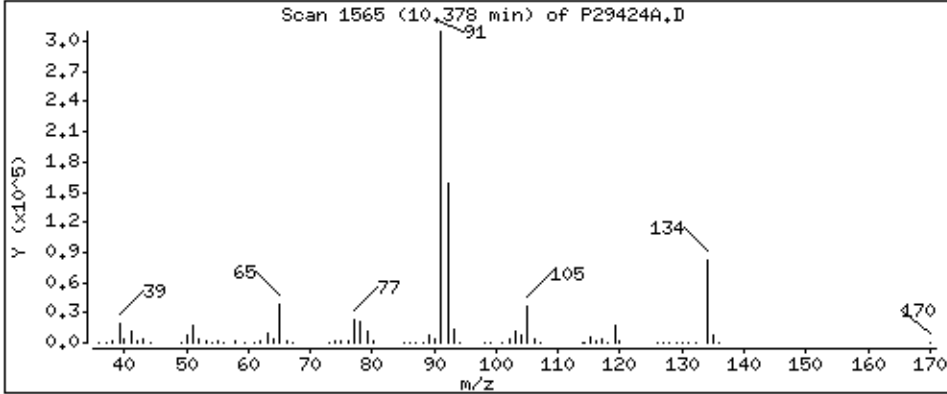
Column phase: RTX-624

Column diameter: 0,18

117 n-Butylbenzene

Concentration: 45,4 ug/L

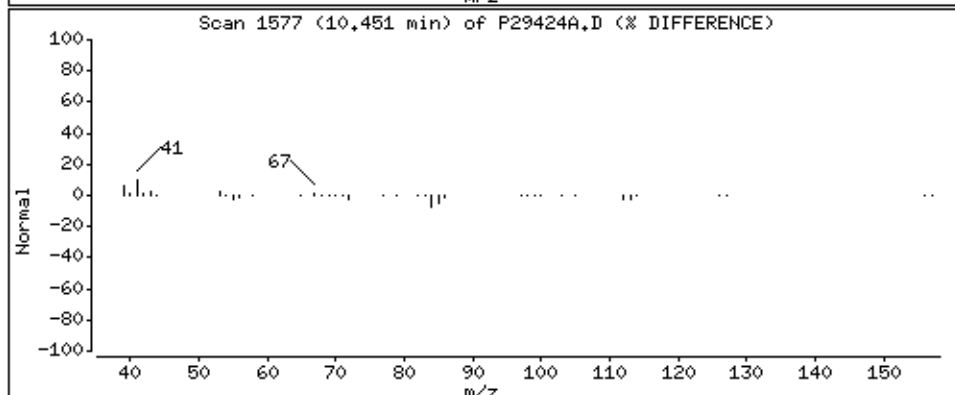
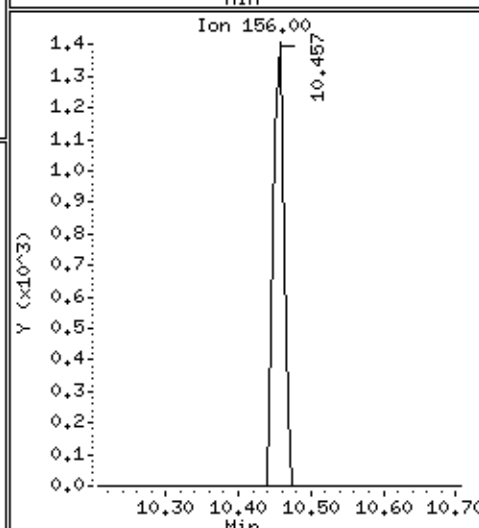
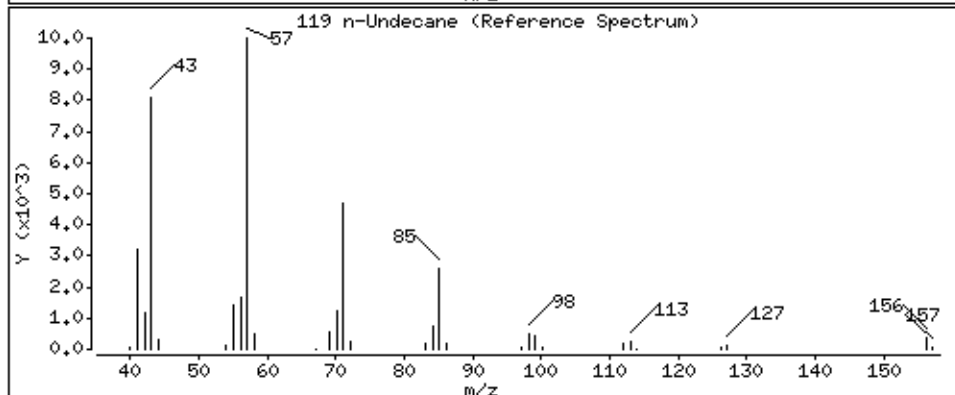
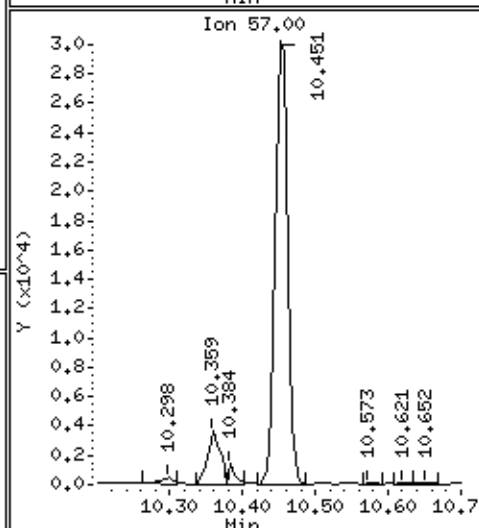
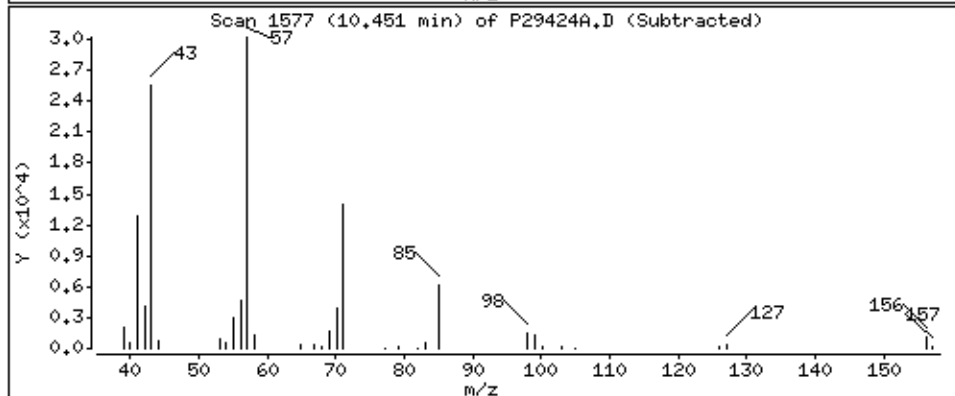
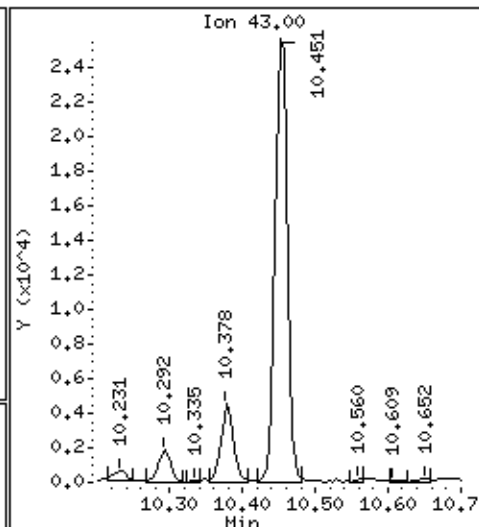
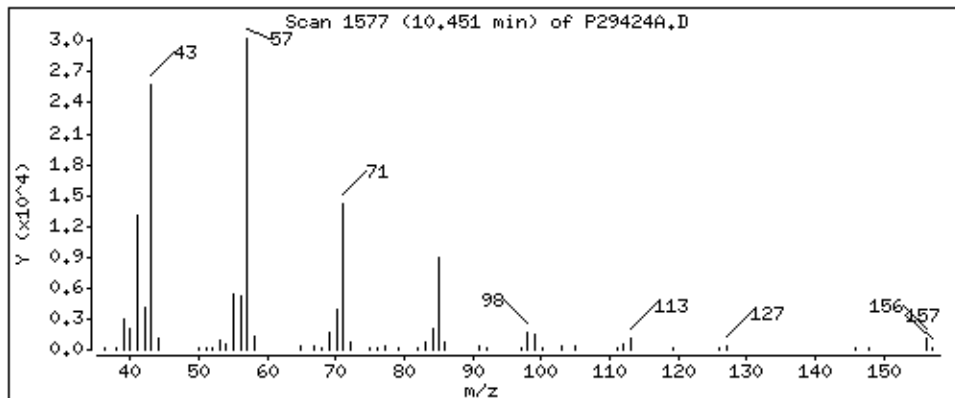
Review Code:



119 n-Undecane

Concentration: 25,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

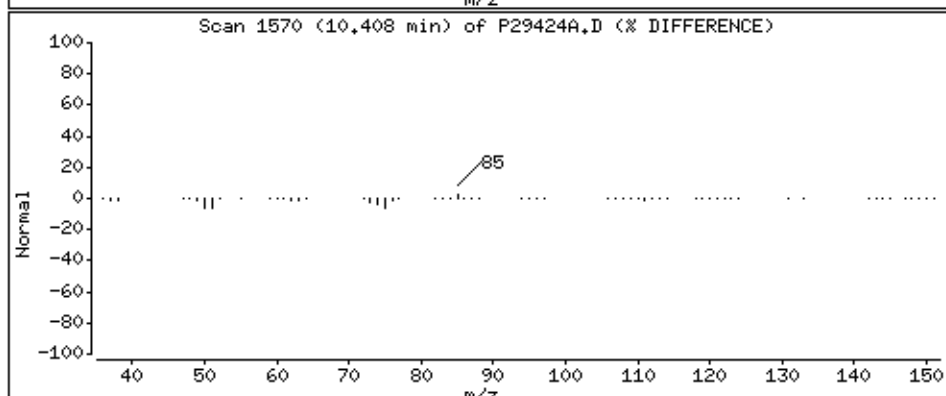
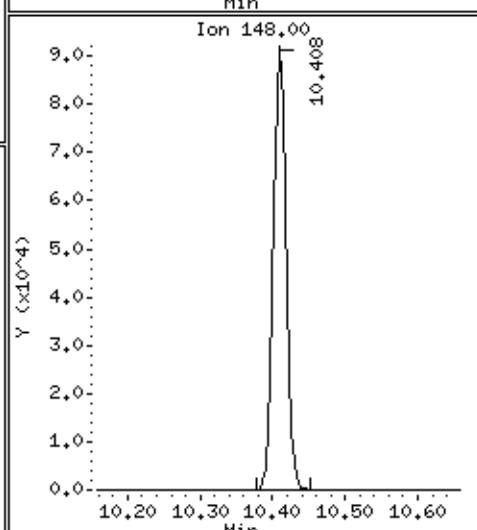
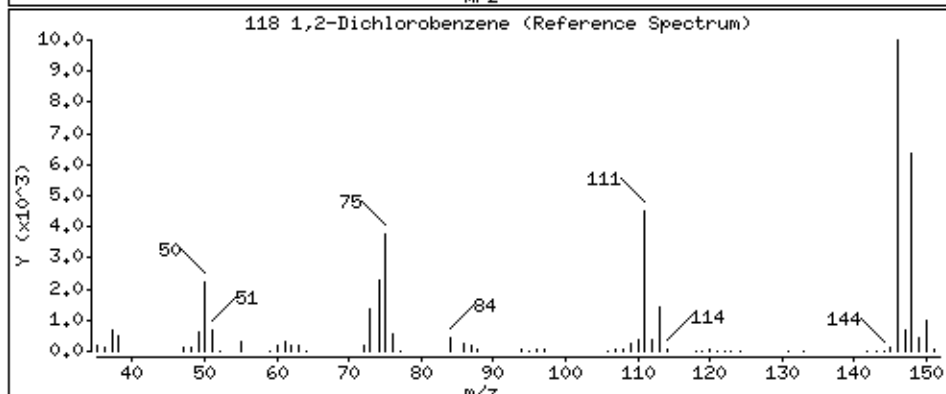
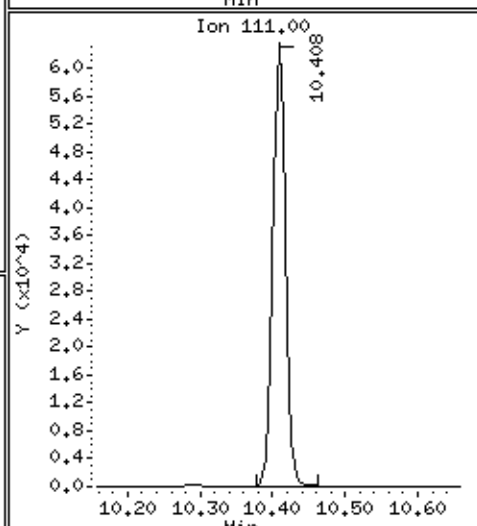
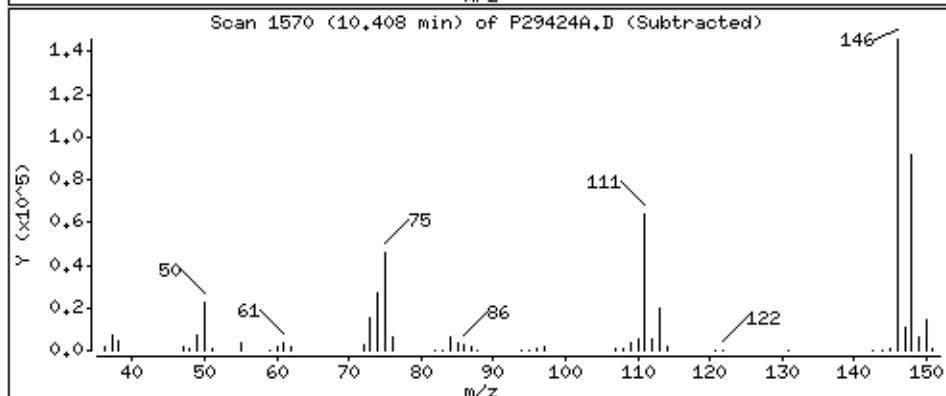
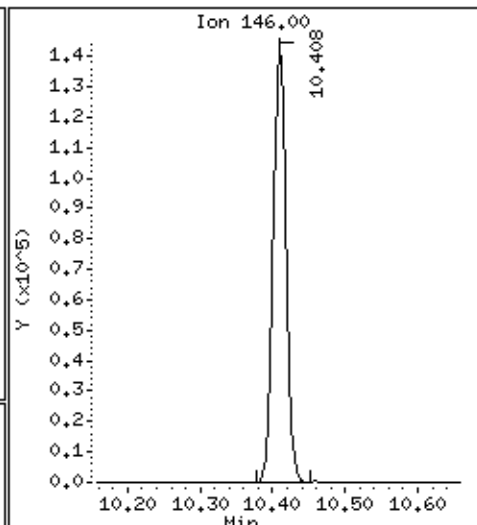
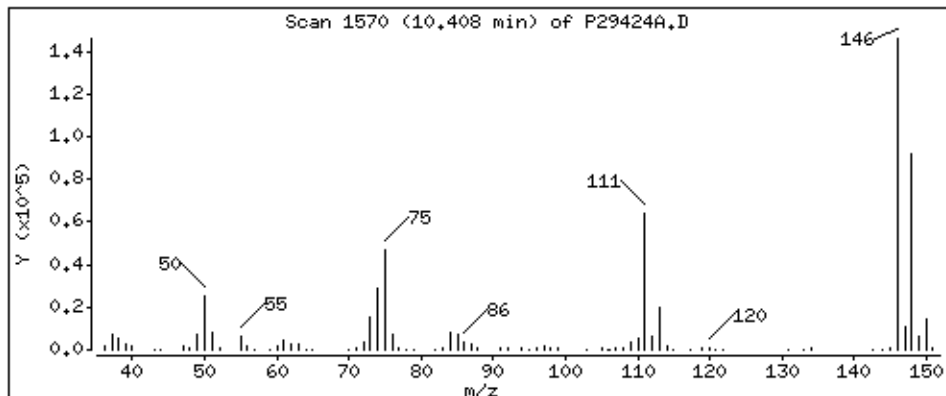
Column phase: RTX-624

Column diameter: 0,18

118 1,2-Dichlorobenzene

Concentration: 48,9 ug/L

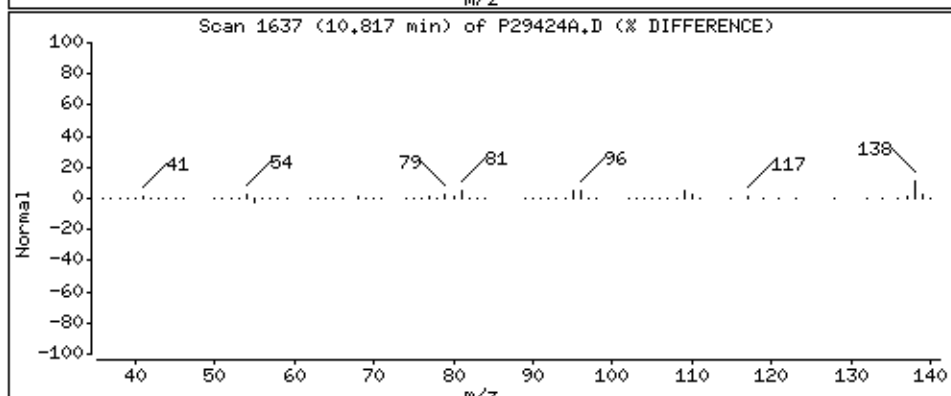
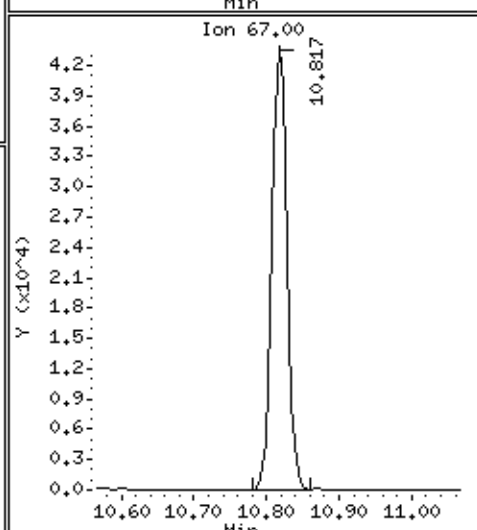
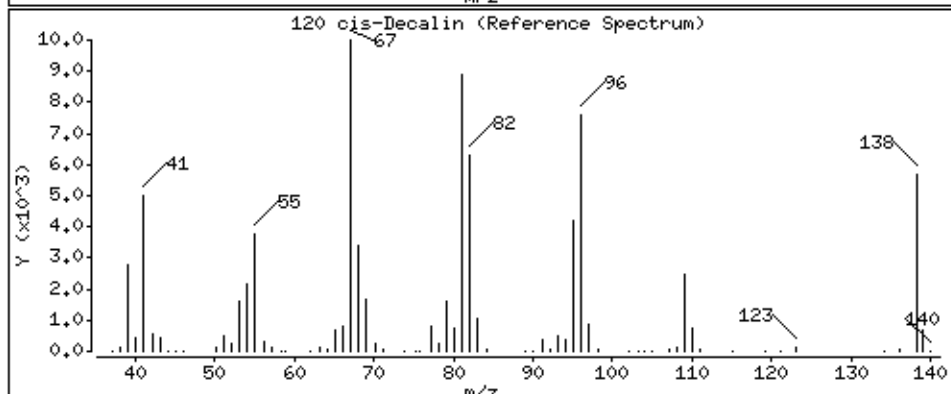
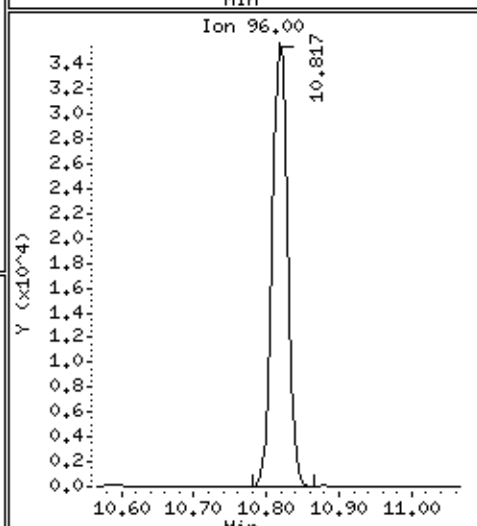
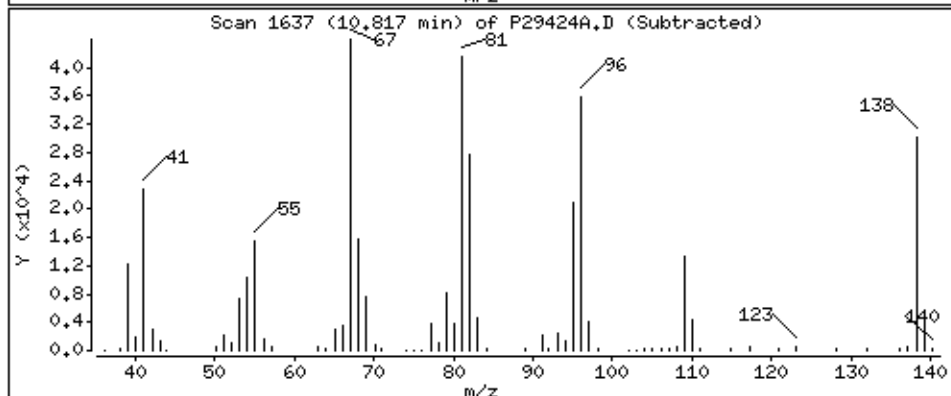
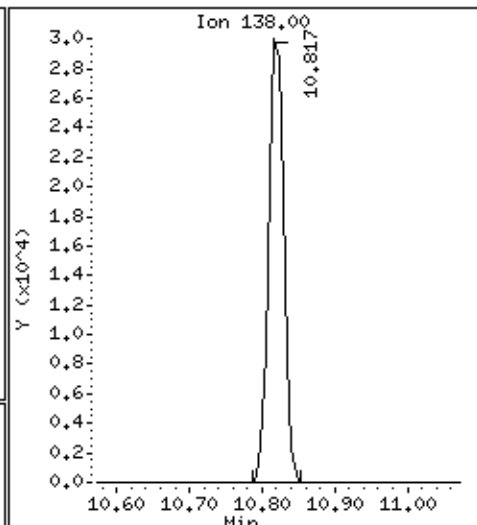
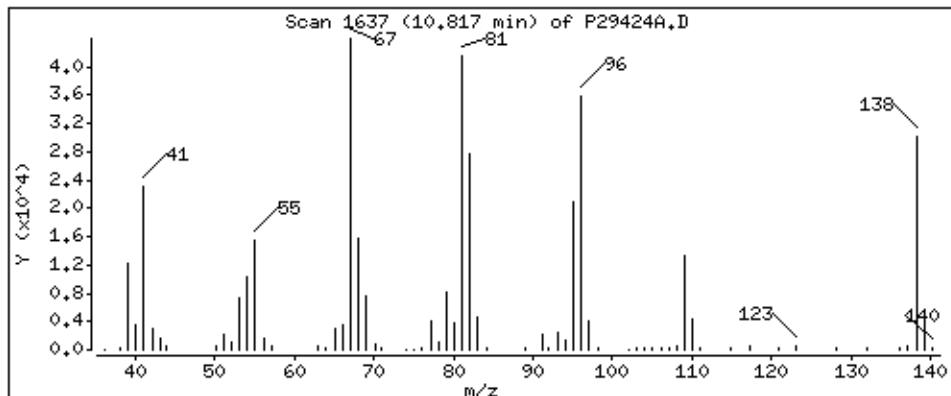
Review Code:



120 cis-Decalin

Concentration: 42.0 ug/L

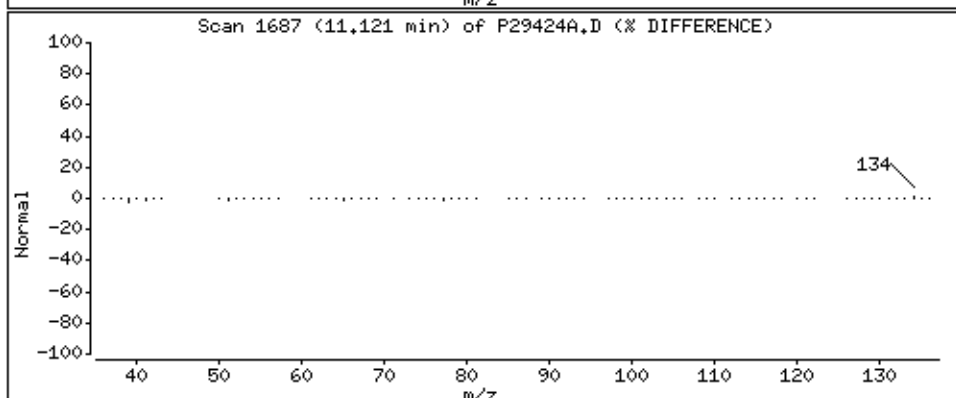
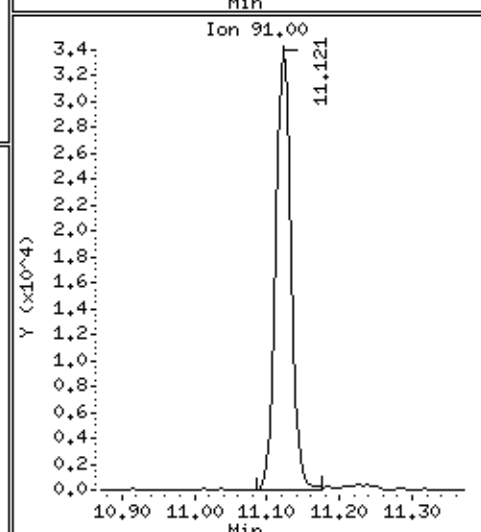
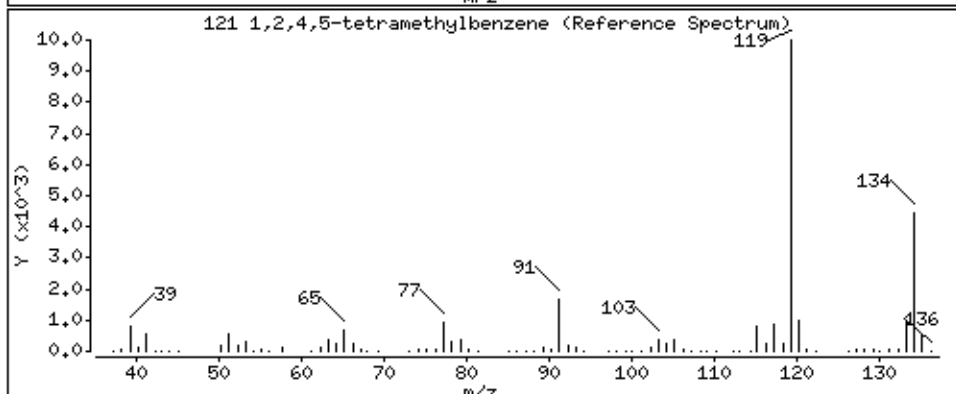
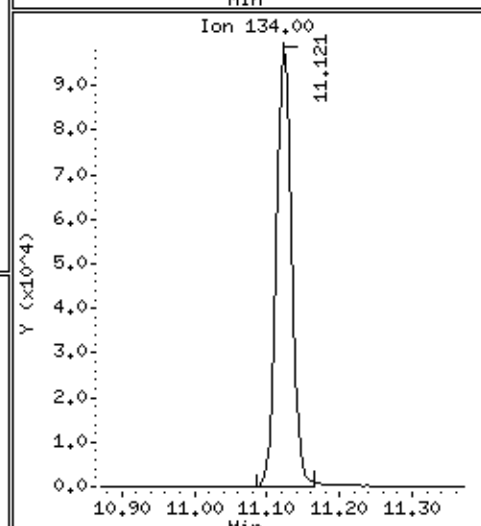
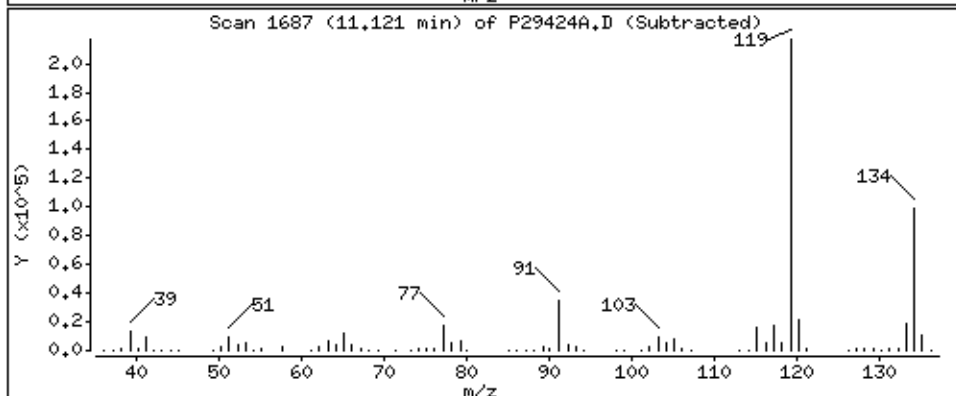
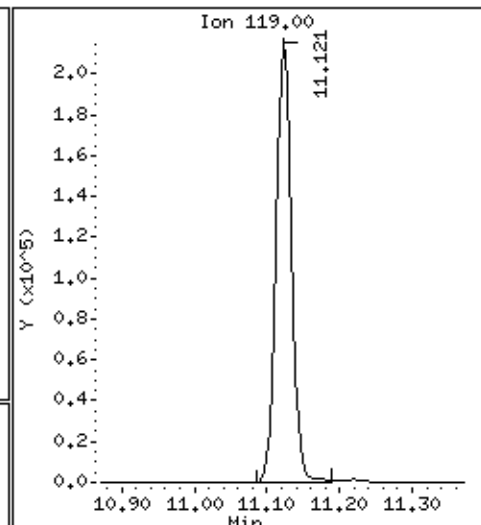
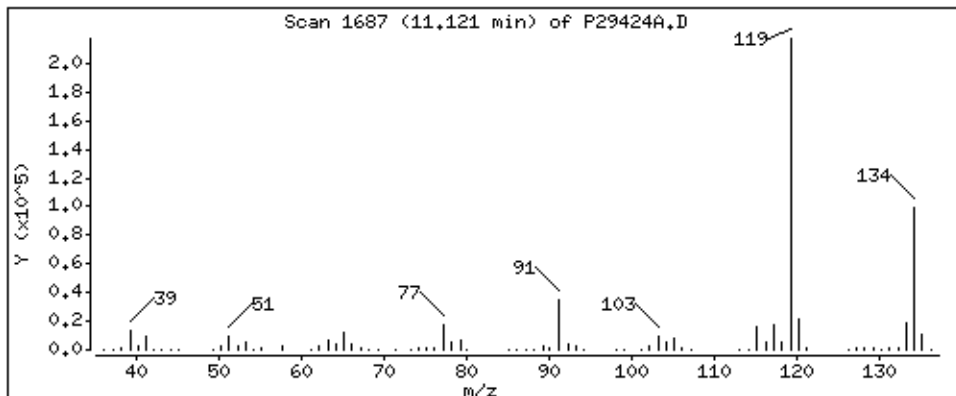
Review Code:



121 1,2,4,5-tetramethylbenzene

Concentration: 44,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905:1.25

Purge Volume: 5.0

Operator: BBL

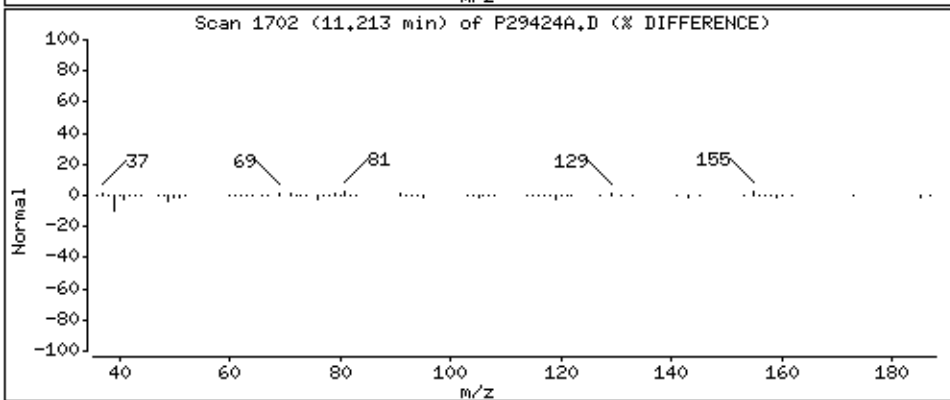
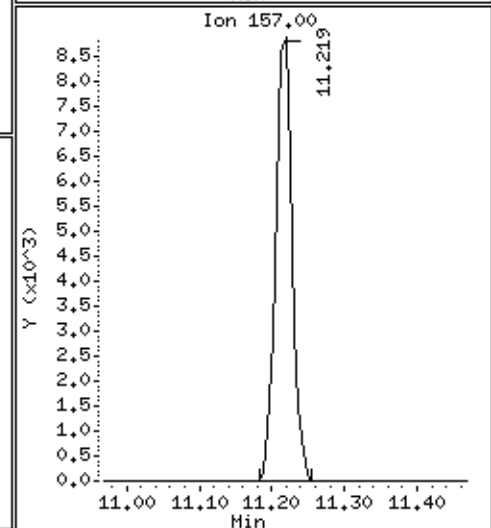
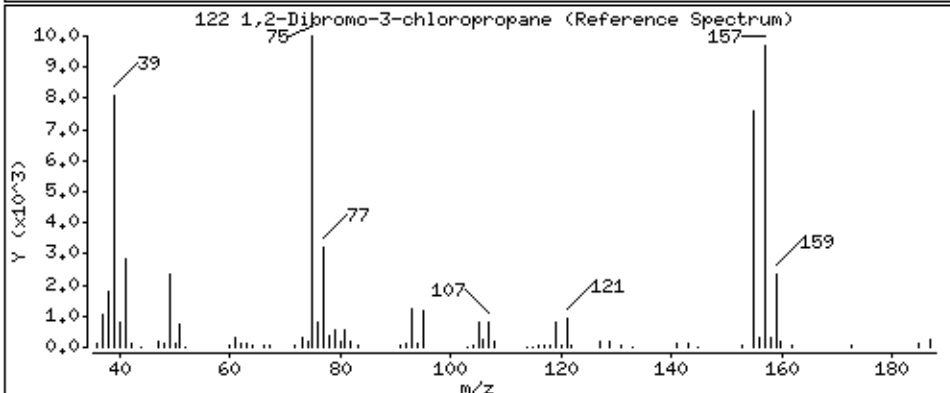
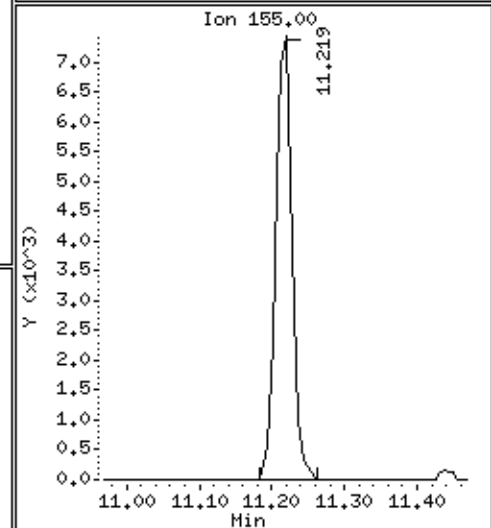
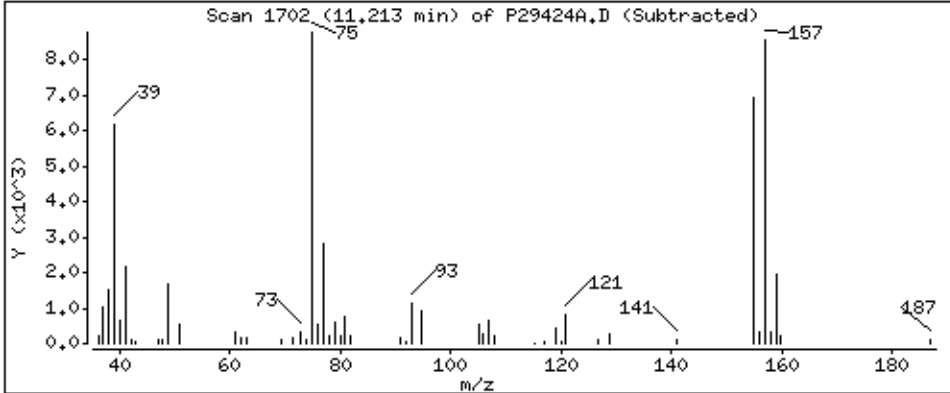
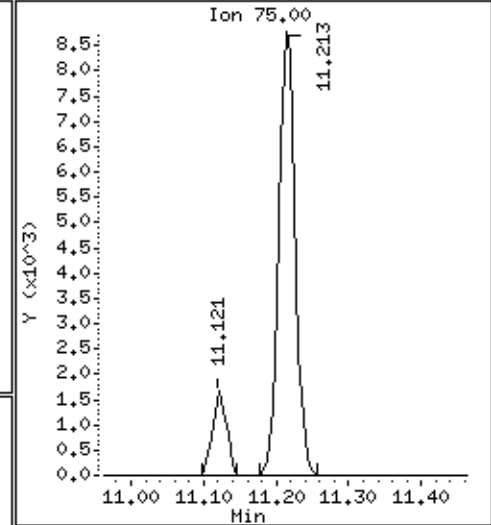
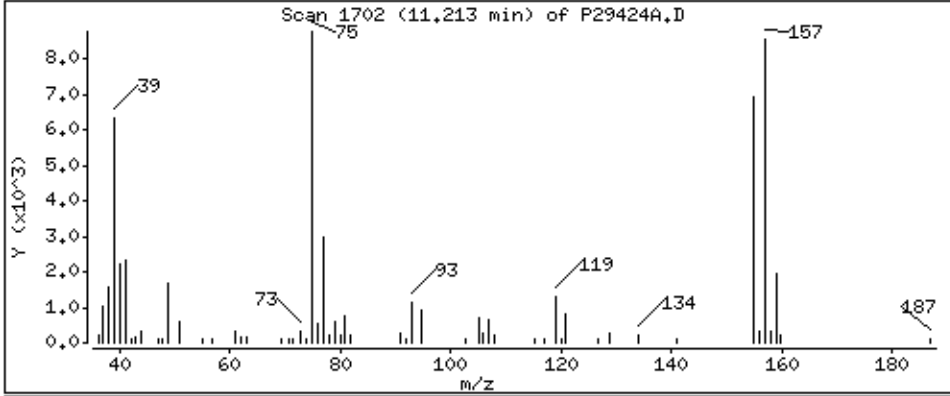
Column phase: RTX-624

Column diameter: 0.18

122 1,2-Dibromo-3-chloropropane

Concentration: 44.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905:1.25

Purge Volume: 5.0

Operator: BBL

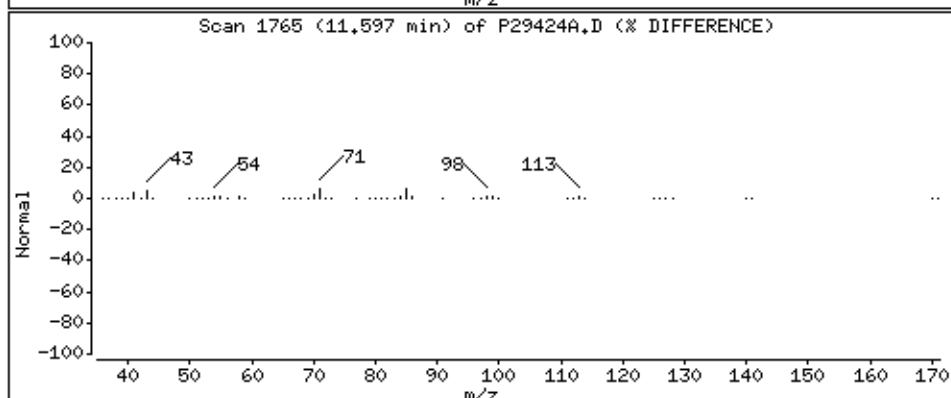
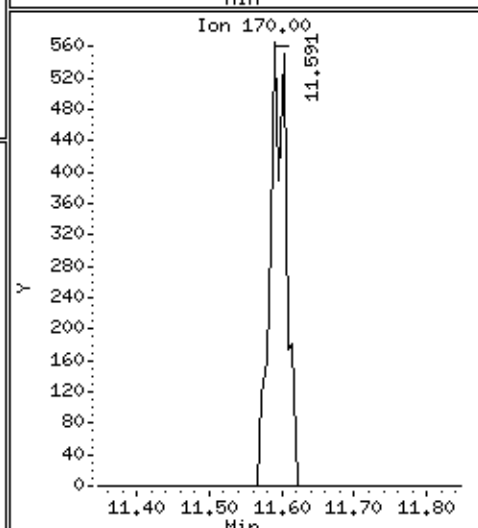
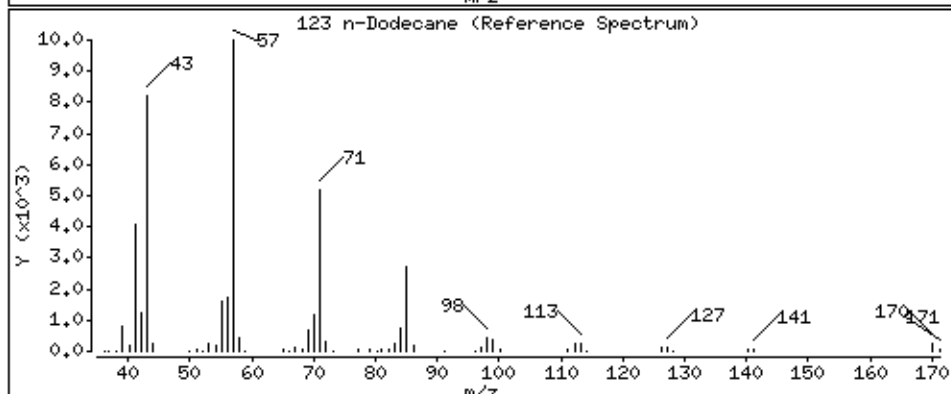
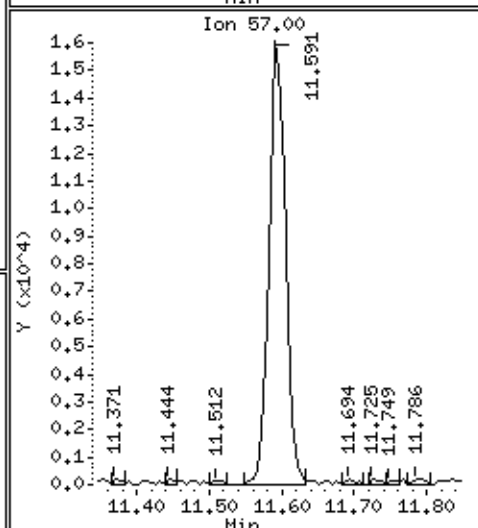
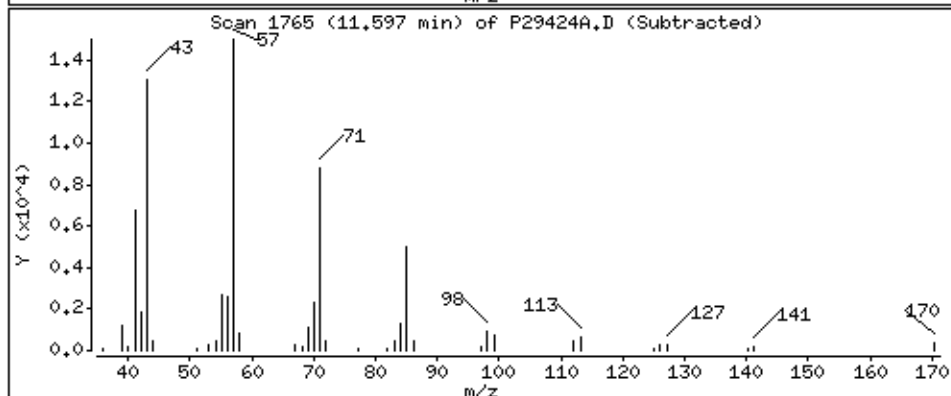
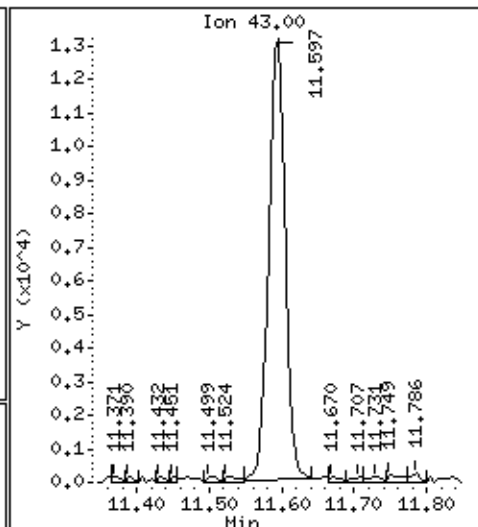
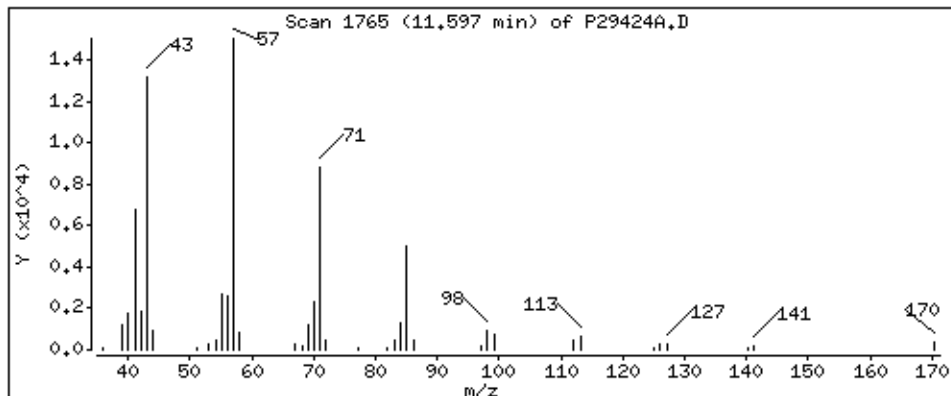
Column phase: RTX-624

Column diameter: 0,18

123 n-Dodecane

Concentration: 24,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

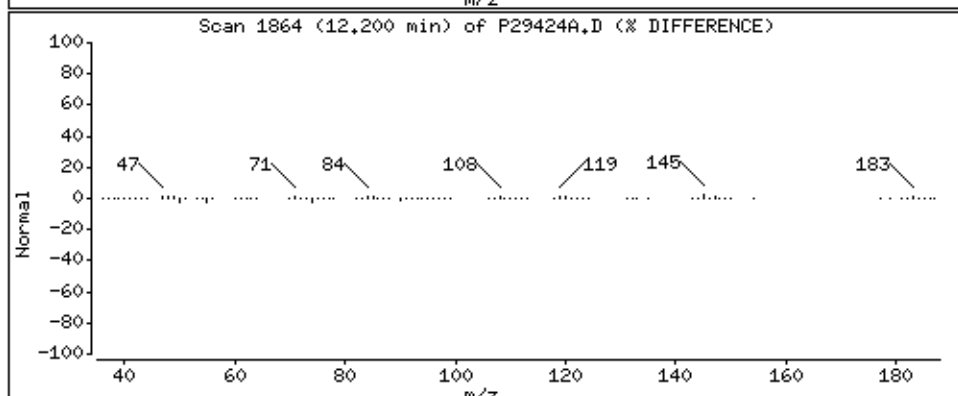
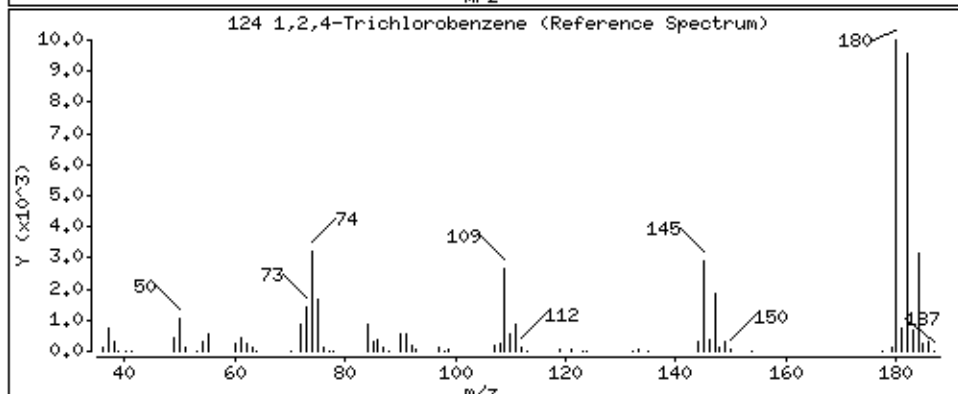
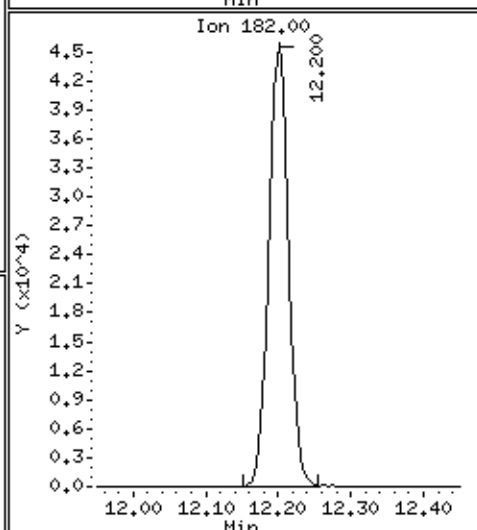
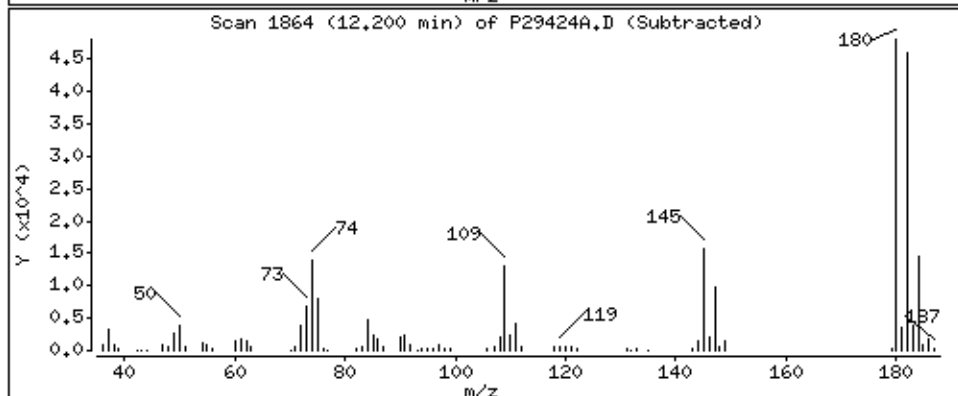
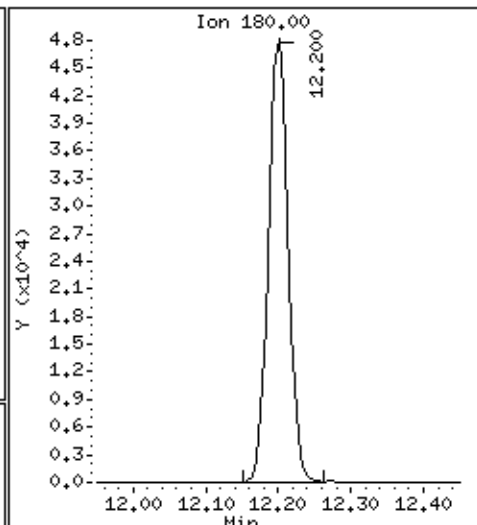
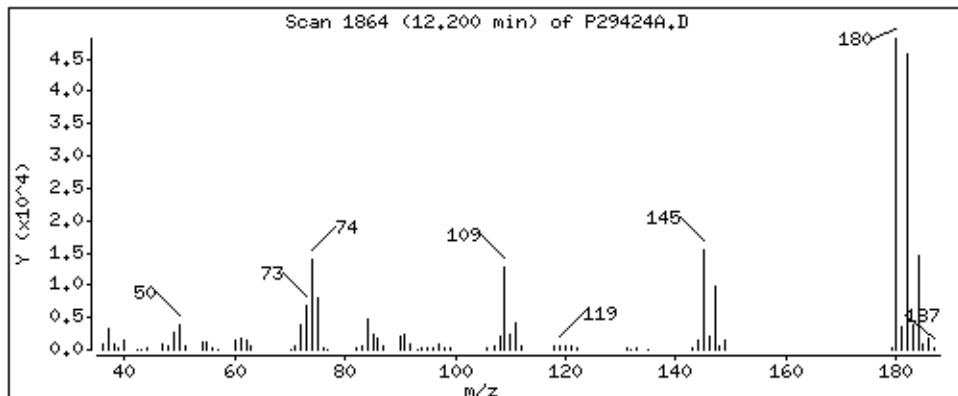
Column phase: RTX-624

Column diameter: 0,18

124 1,2,4-Trichlorobenzene

Concentration: 48,9 ug/L

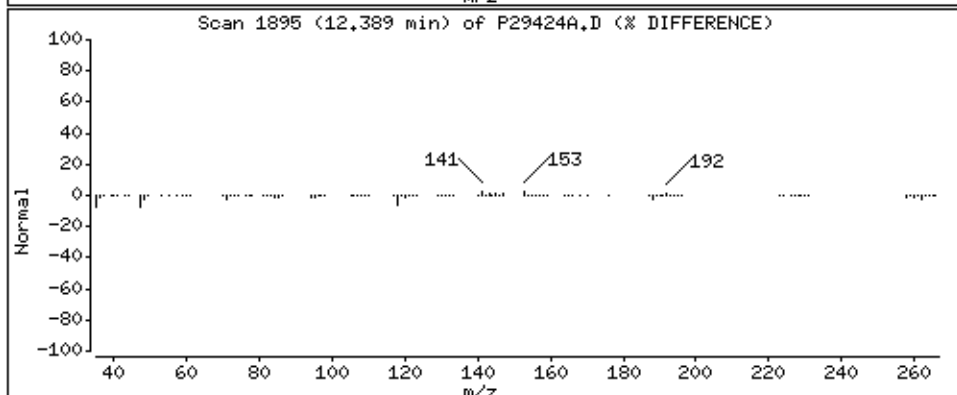
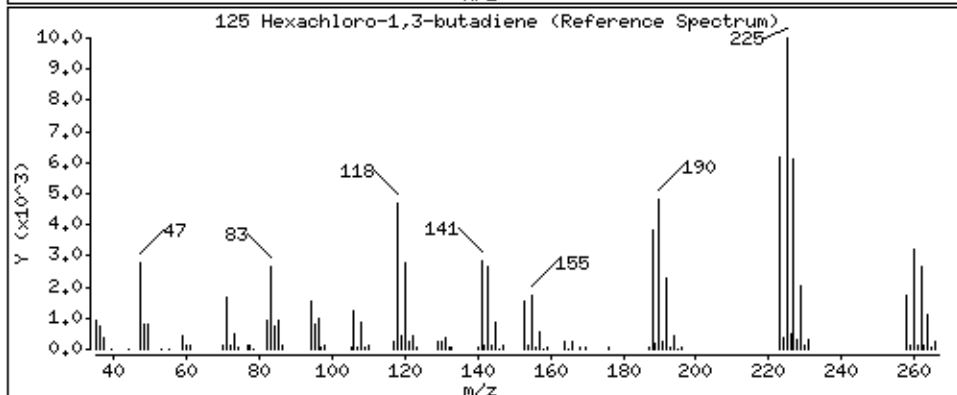
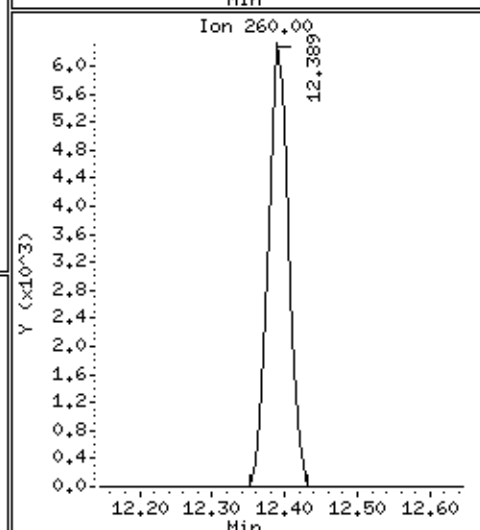
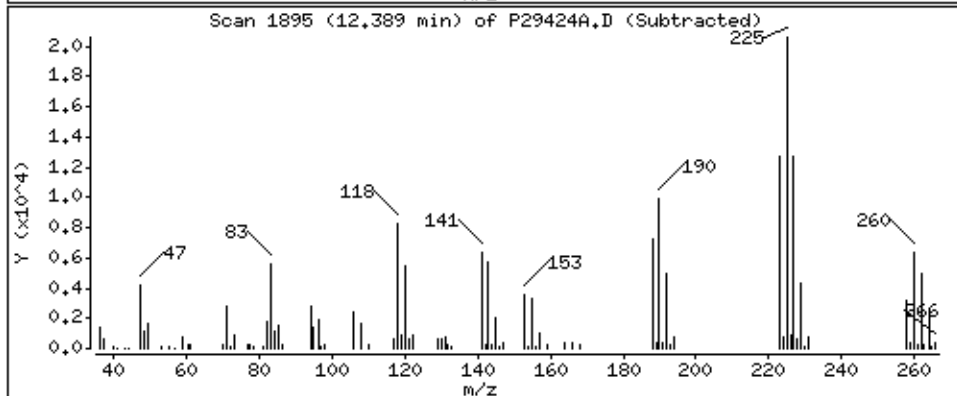
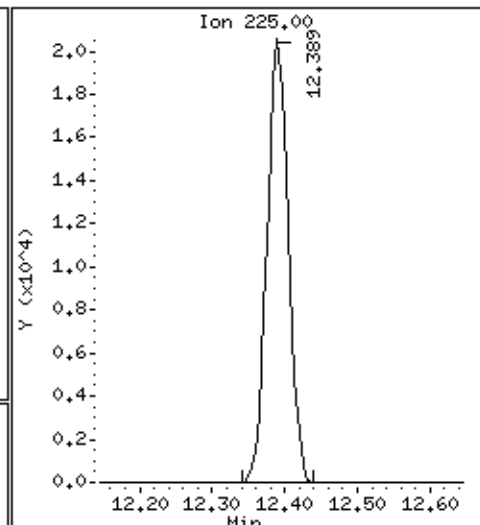
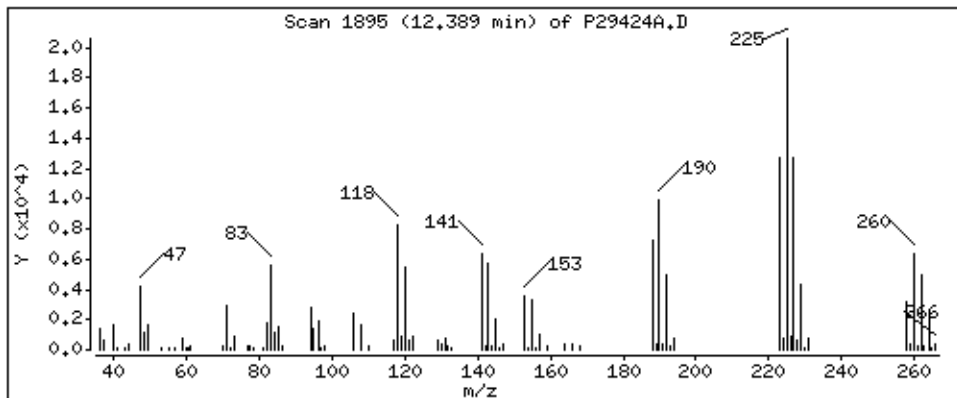
Review Code:



125 Hexachloro-1,3-butadiene

Concentration: 54,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

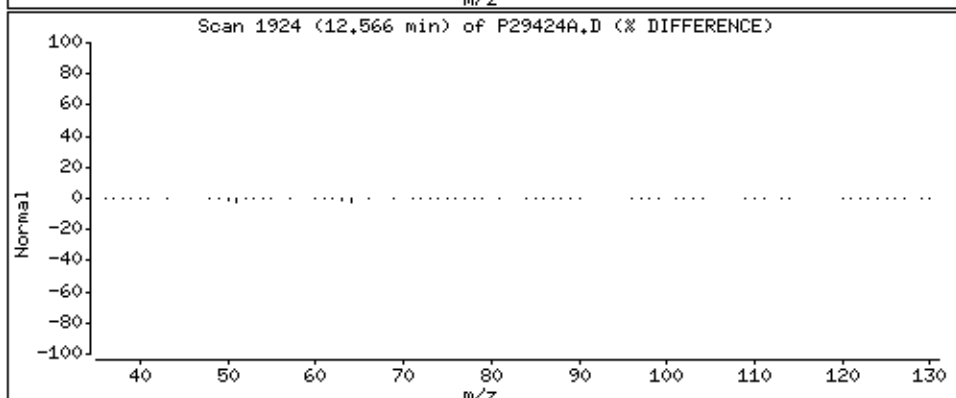
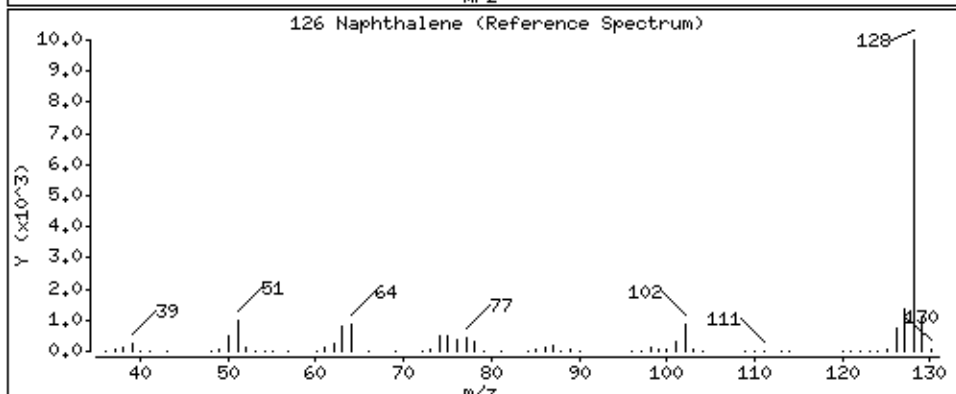
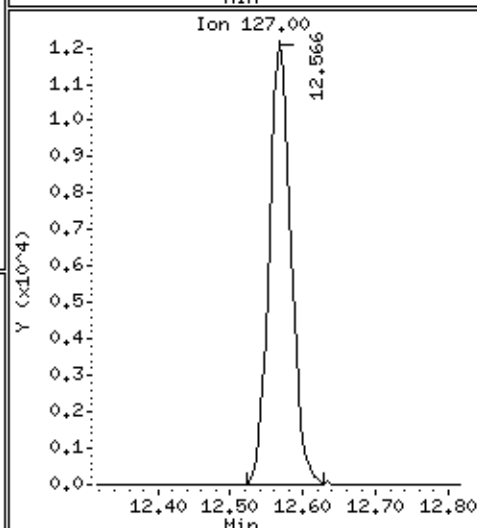
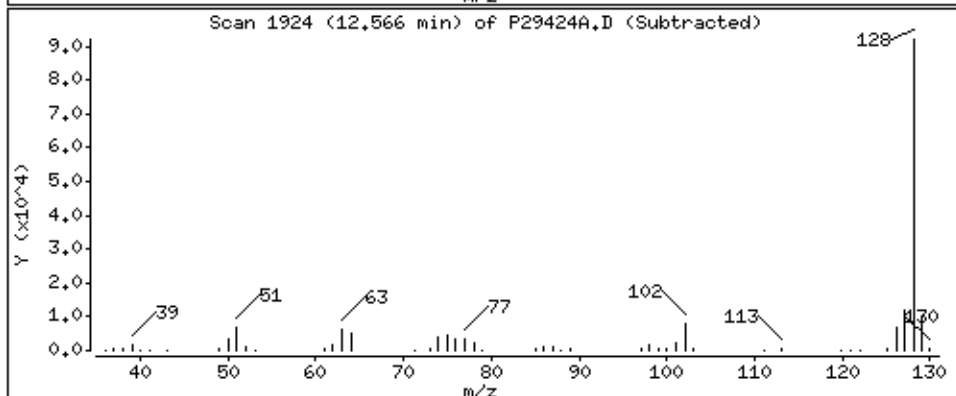
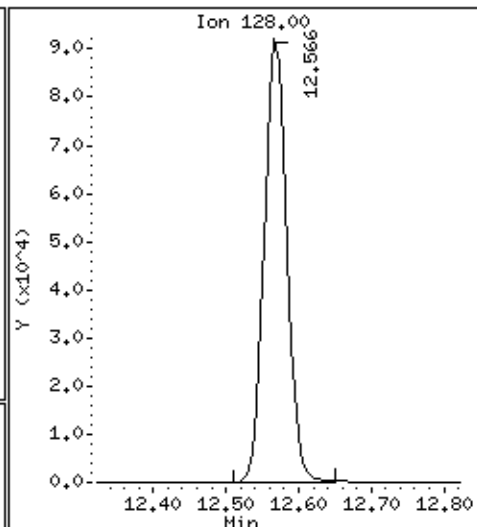
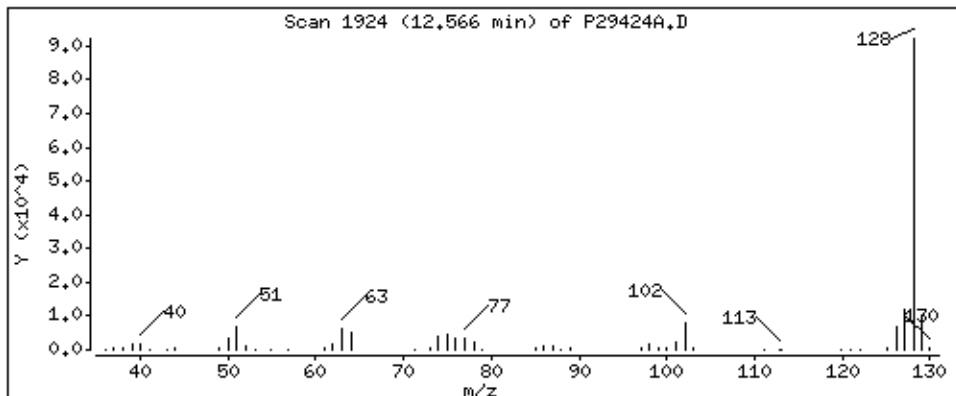
Column phase: RTX-624

Column diameter: 0,18

126 Naphthalene

Concentration: 46,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29424A.D

Date : 10-MAR-2021 11:44

Client ID: MBLCS

Instrument: 70msv8.i

Sample Info: 981849, 106905;1,25

Purge Volume: 5.0

Operator: BBL

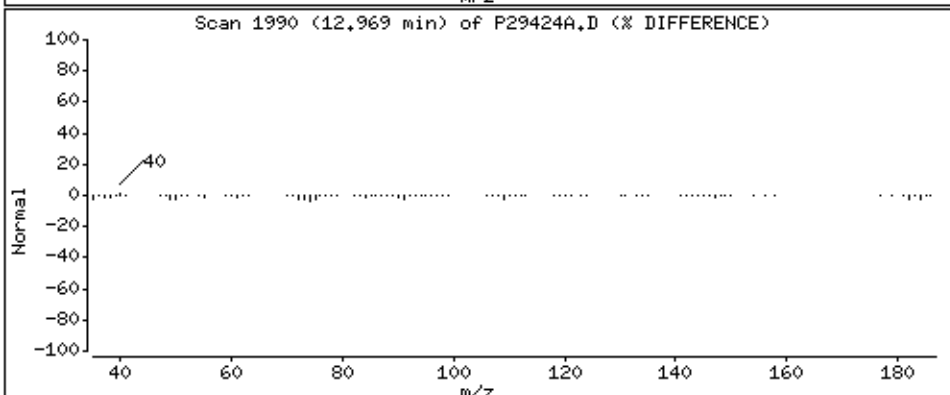
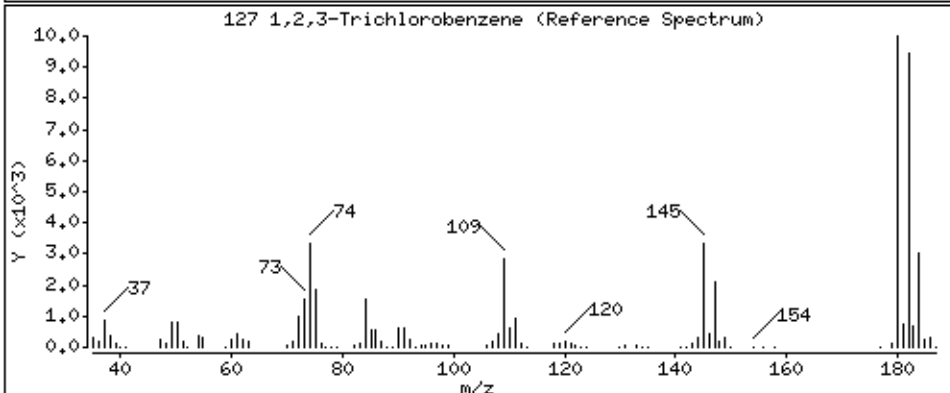
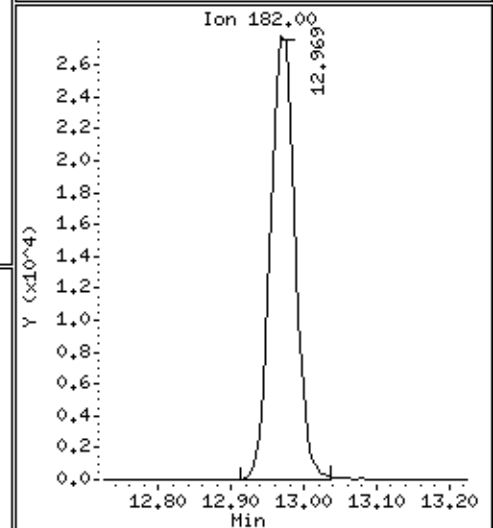
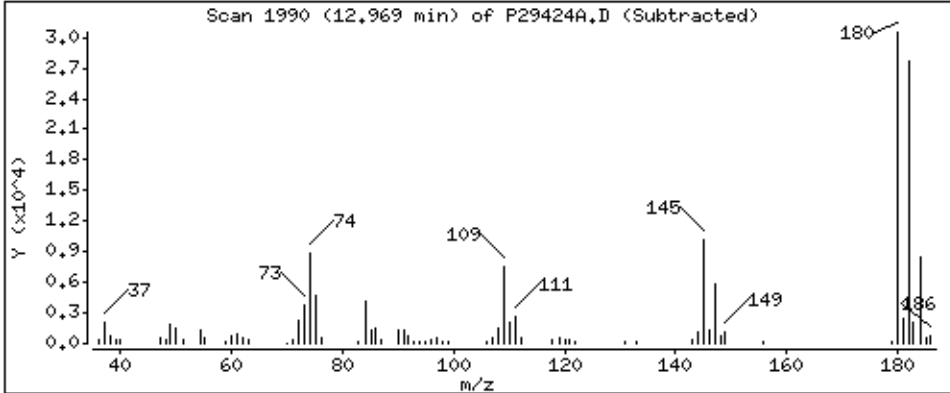
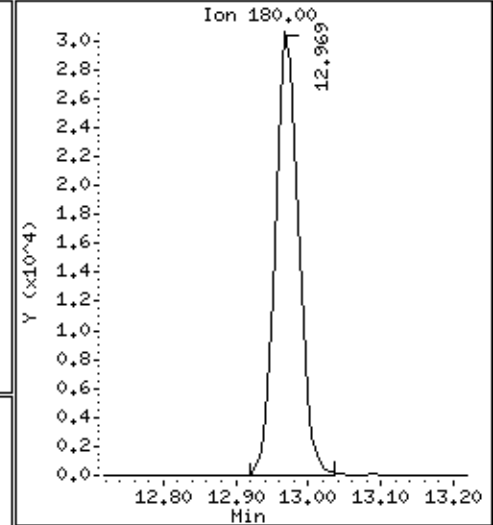
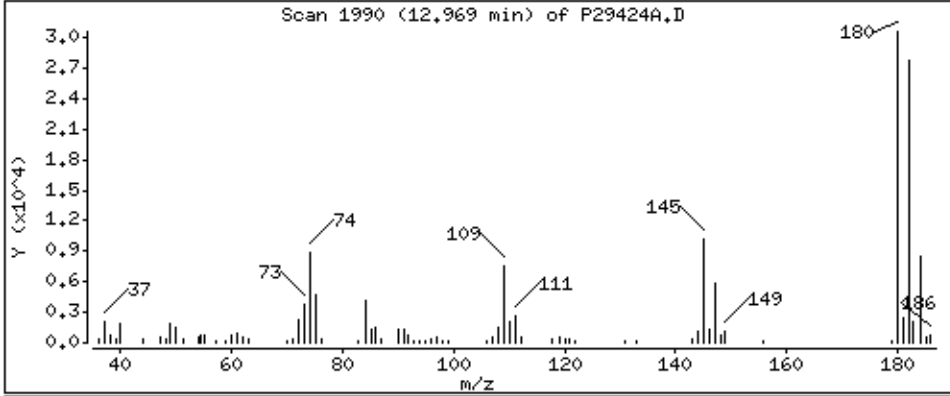
Column phase: RTX-624

Column diameter: 0,18

127 1,2,3-Trichlorobenzene

Concentration: 48,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29424A.D

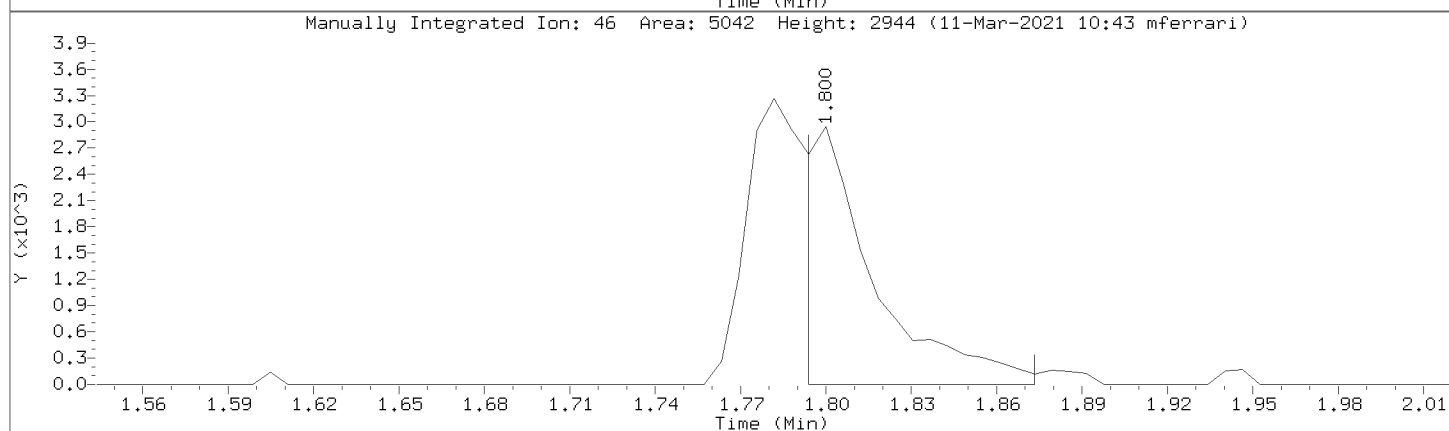
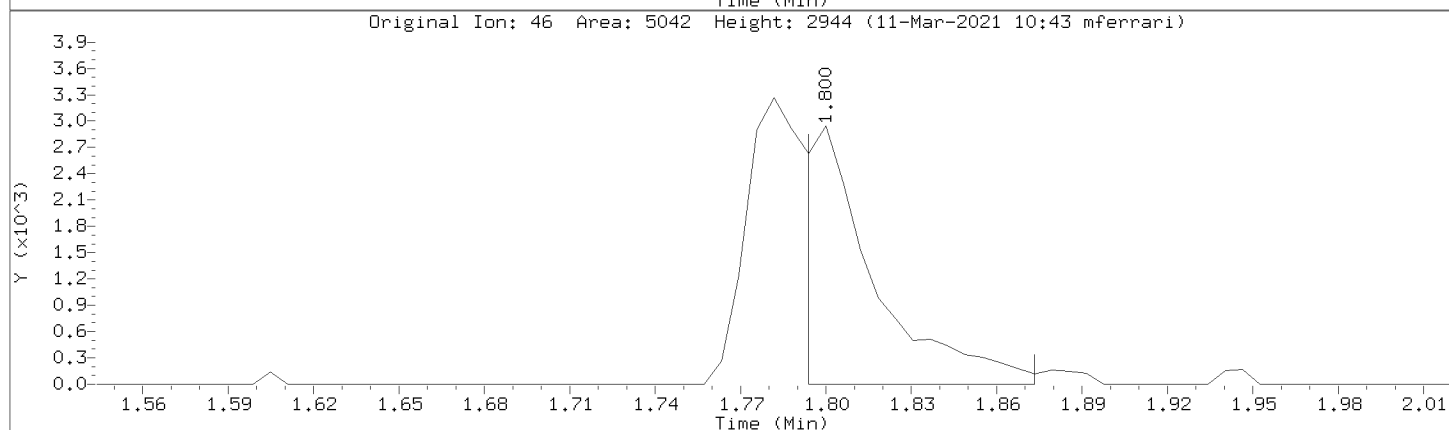
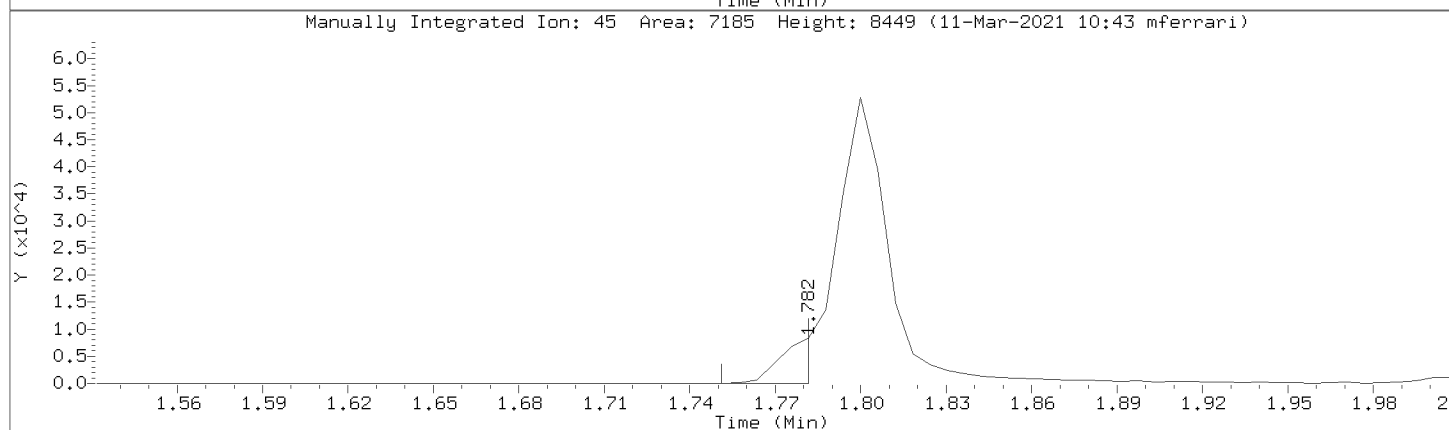
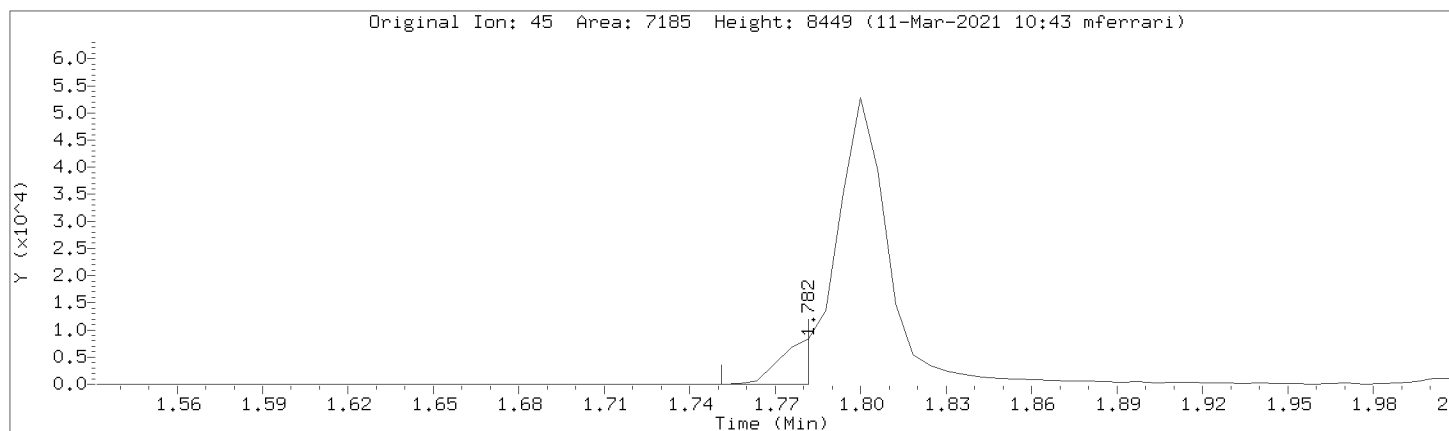
Injection Date: 10-MAR-2021 11:44

Instrument: 70msv8.i

Lab Sample ID: 981849, 106905:1.25

Compound: Ethanol Review Code: WP

CAS Number:



MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MS

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 18:23
Date Analyzed: 03/10/2021 18:23
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 982105
Lab File ID: 031021.B\29444.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	69.3	
71-43-2	Benzene	50.7	
108-86-1	Bromobenzene	46.0	
74-97-5	Bromochloromethane	45.0	
75-27-4	Bromodichloromethane	47.9	
75-25-2	Bromoform	53.2	
74-83-9	Bromomethane	69.2	
78-93-3	2-Butanone (MEK)	32.5	
104-51-8	n-Butylbenzene	38.3	
135-98-8	sec-Butylbenzene	39.6	
98-06-6	tert-Butylbenzene	41.0	
75-15-0	Carbon disulfide	40.5	
56-23-5	Carbon tetrachloride	43.7	
108-90-7	Chlorobenzene	47.0	
75-00-3	Chloroethane	45.5	
67-66-3	Chloroform	46.1	
74-87-3	Chloromethane	37.6	
95-49-8	2-Chlorotoluene	43.3	
106-43-4	4-Chlorotoluene	43.0	
96-12-8	1,2-Dibromo-3-chloropropane	43.4	
124-48-1	Dibromochloromethane	48.2	
106-93-4	1,2-Dibromoethane (EDB)	46.8	
74-95-3	Dibromomethane	47.5	
95-50-1	1,2-Dichlorobenzene	44.9	
541-73-1	1,3-Dichlorobenzene	45.0	
106-46-7	1,4-Dichlorobenzene	44.3	
75-71-8	Dichlorodifluoromethane	11.8	
75-34-3	1,1-Dichloroethane	54.8	
107-06-2	1,2-Dichloroethane	45.5	
75-35-4	1,1-Dichloroethene	39.9	
156-59-2	cis-1,2-Dichloroethene	46.7	
156-60-5	trans-1,2-Dichloroethene	45.5	
78-87-5	1,2-Dichloropropane	51.9	
142-28-9	1,3-Dichloropropane	49.5	
594-20-7	2,2-Dichloropropane	30.2	
563-58-6	1,1-Dichloropropene	50.9	
10061-01-5	cis-1,3-Dichloropropene	44.8	

03/16/2021 9:50

MSV - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MS

Lab Name: Pace Analytical - New York
 Date Received: 03/02/2021 10:55
 Date Extracted: 03/10/2021 18:23
 Date Analyzed: 03/10/2021 18:23
 Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
 Matrix: Water SDG No.: 70164195
 Lab Sample ID: 982105
 Lab File ID: 031021.B\BP29444.D
 Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-6	trans-1,3-Dichloropropene	40.3	
100-41-4	Ethylbenzene	46.0	
87-68-3	Hexachloro-1,3-butadiene	42.3	
591-78-6	2-Hexanone	53.6	
98-82-8	Isopropylbenzene (Cumene)	42.8	
99-87-6	p-Isopropyltoluene	38.8	
75-09-2	Methylene Chloride	45.5	
108-10-1	4-Methyl-2-pentanone (MIBK)	57.9	
1634-04-4	Methyl-tert-butyl ether	41.9	
91-20-3	Naphthalene	41.4	
103-65-1	n-Propylbenzene	42.4	
100-42-5	Styrene	46.0	
630-20-6	1,1,1,2-Tetrachloroethane	45.0	
79-34-5	1,1,2,2-Tetrachloroethane	48.0	
127-18-4	Tetrachloroethene	48.2	
108-88-3	Toluene	50.1	
87-61-6	1,2,3-Trichlorobenzene	41.3	
120-82-1	1,2,4-Trichlorobenzene	41.6	
71-55-6	1,1,1-Trichloroethane	43.3	
79-00-5	1,1,2-Trichloroethane	48.9	
79-01-6	Trichloroethene	49.0	
75-69-4	Trichlorofluoromethane	36.8	
96-18-4	1,2,3-Trichloropropane	45.1	
95-63-6	1,2,4-Trimethylbenzene	41.7	
108-67-8	1,3,5-Trimethylbenzene	41.9	
108-05-4	Vinyl acetate	40.4	
75-01-4	Vinyl chloride	47.7	
1330-20-7	Xylene (Total)	137	
179601-23-1	m&p-Xylene	92.2	
95-47-6	o-Xylene	45.0	

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29444.D
 Lab Smp Id: 982105 Client Smp ID: MW-14 MS/MSDMS
 Inj Date : 10-MAR-2021 18:23 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : 982105, 106905:1.25
 Misc Info : 11195,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 25 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A
 Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
							ON-COLUMN (ug/L)	FINAL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.989	(0.270)	57959	33.5482	33.5	
2 Dichlorotetrafluoroethane	135		1.056	1.050	(0.286)	20440	22.8687	22.9	
3 Dichlorodifluoromethane	85		0.970	0.971	(0.263)	19793	11.8320	11.8 (QR)	
4 Chloromethane	50		1.105	1.099	(0.299)	42363	37.6065	37.6	
5 Vinyl chloride	62		1.172	1.166	(0.318)	61226	47.7362	47.7	
6 1,3-Butadiene	54		1.190	1.190	(0.323)	46484	35.8273	35.8	
7 Acetaldehyde	44		1.263	1.257	(0.342)	14605	88.8312	88.8	
8 Bromomethane	94		1.391	1.391	(0.377)	16185	69.2318	69.2 (R)	
9 Chloroethane	64		1.464	1.458	(0.397)	46836	45.4561	45.4	
10 Dichlorofluoromethane	67		1.604	1.598	(0.435)	119458	45.6393	45.6	
11 Trichlorofluoromethane	101		1.604	1.598	(0.435)	88397	36.7505	36.8	
12 Ethanol	45		1.781	1.781	(0.483)	6139	742.364	742 (QRM)	WP
13 Diethyl ether (Ethyl ether)	59		1.800	1.794	(0.488)	64562	48.2652	48.3	
16 1,1,2-Trichlorotrifluoroethane	101		1.928	1.922	(0.523)	63843	41.7912	41.8	
14 Acrolein	56		1.934	1.934	(0.524)	11285	48.3336	48.3	
15 1,1-Dichloroethene	96		1.952	1.946	(0.529)	57520	39.8918	39.9	
17 Acetone	43		2.043	2.037	(0.554)	23696	69.2978	69.3 (R)	
18 Iodomethane	142		2.068	2.068	(0.561)	12356	29.3916	29.4 (R)	
19 2-Propanol	45		2.799	2.793	(0.759)	268928	1241.53	1240	
20 Carbon disulfide	76		2.086	2.086	(0.565)	177556	40.5076	40.5	
21 Allyl chloride	76		2.214	2.208	(0.600)	40345	42.2032	42.2	
22 Acetonitrile	41		2.281	2.281	(0.618)	47264	306.661	307	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
23 Methyl acetate	43	2.238	2.232 (0.607)		106964	101.409	101 (R)	
24 Methylene Chloride	84	2.318	2.318 (0.628)		75408	45.4607	45.5	
25 tert-Butyl Alcohol	59	2.403	2.397 (0.651)		21997	192.325	192	
28 Methyl-tert-butyl ether	73	2.458	2.458 (0.666)		211730	41.8889	41.9	
27 trans-1,2-Dichloroethene	96	2.470	2.470 (0.670)		73900	45.4940	45.5	
26 Acrylonitrile	53	2.549	2.543 (0.691)		25262	51.6353	51.6	
30 n-Hexane	57	2.604	2.604 (0.706)		100399	43.1417	43.1	
29 Diisopropyl ether	45	2.799	2.793 (0.759)		268928	49.6613	49.7	
32 Vinyl acetate	43	2.842	2.836 (0.770)		134894	40.3535	40.4	
31 1,1-Dichloroethane	63	2.812	2.806 (0.762)		164134	54.7896	54.8	
33 Chloroprene	53	2.848	2.842 (0.772)		117805	47.1801	47.2	
34 Ethyl-tert-butyl ether	59	3.068	3.068 (0.831)		233401	41.9181	41.9	
36 2,2-Dichloropropane	77	3.226	3.226 (0.874)		84031	30.1558	30.2 (R)	
35 cis-1,2-Dichloroethene	96	3.257	3.257 (0.883)		89999	46.6768	46.7	
39 Ethyl acetate	61	3.257	3.251 (0.883)		133591	48.4599	48.4	
37 2-Butanone (MEK)	43	3.293	3.293 (0.893)		52915	32.4938	32.5 (R)	
41 Bromochloromethane	128	3.452	3.452 (0.936)		37479	44.9842	45.0	
42 Tetrahydrofuran	42	3.464	3.458 (0.939)		22967	58.6814	58.7	
43 Chloroform	83	3.507	3.507 (0.950)		143602	46.1330	46.1	
38 Propionitrile	54	3.403	3.403 (0.922)		9952	52.9014	52.9	
46 Cyclohexane	56	3.592	3.592 (0.974)		152915	48.3258	48.3	
45 1,1,1-Trichloroethane	97	3.616	3.616 (0.839)		117919	43.2957	43.3	
* 44 Pentafluorobenzene (IS)	168	3.689	3.683 (1.000)		218089	50.0000		
48 Carbon tetrachloride	117	3.720	3.714 (0.863)		110801	43.6852	43.7	
47 1,1-Dichloropropene	75	3.756	3.750 (0.871)		119292	50.8972	50.9	
55 2,2,4-Trimethylpentane	57	3.909	3.903 (1.059)		181801	39.7478	39.7	
51 Benzene	78	3.927	3.927 (0.911)		329239	50.7283	50.7	
40 Methacrylonitrile	67	3.488	3.488 (0.945)		31785	48.9269	48.9	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.952	3.952 (0.917)		132458	48.4258	48.4	
56 tert-Amylmethyl ether	73	4.006	4.000 (1.086)		197056	39.2810	39.3	
52 1,2-Dichloroethane	62	4.019	4.019 (1.089)		110507	45.5171	45.5	
57 n-Heptane	43	4.086	4.080 (1.107)		101338	42.8650	42.9	
* 58 1,4-Difluorobenzene (IS)	114	4.311	4.311 (1.000)		362430	50.0000		
59 Trichloroethene	95	4.512	4.512 (1.047)		89542	48.9766	49.0	
60 Methylcyclohexane	83	4.610	4.610 (1.069)		143504	42.5307	42.5	
49 Isobutanol	43	3.909	3.909 (1.059)		43070	208.662	209	
53 tert-Amyl Alcohol	59	Compound Not Detected.						(Q)
54 tert-Amyl ethyl ether	59	4.714	4.714 (1.278)		162561	37.5182	37.5	
61 1,2-Dichloropropane	63	4.775	4.775 (1.107)		85765	51.8754	51.9	
63 Methyl methacrylate	69	4.884	4.878 (1.133)		50449	46.9972	47.0	
64 1,4-Dioxane (p-Dioxane)	88	4.903	4.897 (1.137)		15771	1301.12	1300	
62 Dibromomethane	93	4.890	4.890 (1.134)		48043	47.5095	47.5	
65 Bromodichloromethane	83	5.043	5.043 (1.170)		111044	47.9092	47.9	
66 2-Nitropropane	43	5.366	5.360 (1.245)		20379	23.1945	23.2 (R)	
67 2-Chloroethylvinyl ether	63	Compound Not Detected.						
68 cis-1,3-Dichloropropene	75	5.512	5.506 (1.279)		123170	44.7815	44.8	
69 4-Methyl-2-pentanone (MIBK)	43	5.683	5.683 (1.318)		68411	57.8741	57.9	
\$ 70 Toluene-d8 (S)	98	5.732	5.726 (0.771)		448022	47.6359	47.6	
71 Toluene	91	5.805	5.799 (1.346)		382788	50.0949	50.1	
72 Methyl isothiocyanate	73	6.037	6.037 (1.400)		115848	126.673	127	
74 trans-1,3-Dichloropropene	75	6.152	6.152 (1.427)		100960	40.3176	40.3	
75 Ethyl methacrylate	69	6.207	6.207 (1.440)		93375	47.6847	47.7	
76 1,1,2-Trichloroethane	83	6.354	6.348 (1.474)		62226	48.9484	48.9	
77 Tetrachloroethene	166	6.366	6.366 (0.856)		84090	48.2076	48.2	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C	
						ON-COLUMN (ug/L)	FINAL (ug/L)		
78 1,3-Dichloropropane	76	6.543	6.543	(0.880)	124919	49.4876	49.5		
79 2-Hexanone	43	6.634	6.634	(0.893)	45441	53.5582	53.6		
73 n-Octane	43	5.860	5.860	(1.359)	93549	44.5340	44.5 (Q)		
81 n-Butyl acetate	43	6.634	6.634	(1.539)	45441	25.2694	25.3 (Q)		
80 Dibromochloromethane	129	6.756	6.756	(0.909)	75212	48.1549	48.2		
82 1,2-Dibromoethane (EDB)	107	6.884	6.884	(1.597)	66829	46.8073	46.8		
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	189344	50.0000			
84 Chlorobenzene	112	7.475	7.469	(1.006)	229860	47.0097	47.0		
86 Ethylbenzene	106	7.603	7.603	(1.023)	133317	45.9619	46.0		
85 1,1,1,2-Tetrachloroethane	131	7.615	7.616	(1.025)	73590	45.0137	45.0		
88 n-Nonane	43	7.768	7.768	(1.045)	90301	58.9564	59.0 (Q)		
87 m&p-Xylene	106	7.786	7.786	(1.048)	323681	92.1692	92.2		
89 o-Xylene	106	8.371	8.371	(1.126)	152431	44.9575	45.0		
90 Styrene	104	8.414	8.414	(1.132)	261030	46.0224	46.0		
91 Bromoform	173	8.652	8.652	(1.164)	43537	53.2108	53.2		
92 Isopropylbenzene (Cumene)	105	8.816	8.817	(0.875)	408981	42.7826	42.8		
§ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	174482	47.7827	47.8		
94 Bromobenzene	156	9.152	9.152	(0.909)	93464	45.9808	46.0		
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	86832	48.0127	48.0		
98 n-Propylbenzene	91	9.255	9.255	(0.919)	486444	42.3716	42.4		
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	24440	45.0602	45.1 (Q)		
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	22681	42.3579	42.4		
103 n-Decane	43	9.426	9.426	(1.268)	112385	83.8916	83.9 (Q)		
99 2-Chlorotoluene	91	9.341	9.341	(0.927)	297356	43.2631	43.3		
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	413510	42.2922	42.3		
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	332101	41.8724	41.9		
102 4-Chlorotoluene	91	9.463	9.457	(0.939)	334554	42.9984	43.0		
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	275480	40.9974	41.0		
105 Pentachloroethane	167	9.755	9.755	(0.969)	52192	48.7249	48.7		
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	329773	41.7131	41.7		
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	399589	39.6290	39.6		
109 d-Limonene	136	9.975	9.975	(1.342)	11546	32.4074	32.4		
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	332771	38.8047	38.8		
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	174374	45.0368	45.0		
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	168535	50.0000			
112 1,4-Dichlorobenzene	146	10.097	10.091	(1.002)	175530	44.3185	44.3		
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	338337	41.6725	41.7		
114 Benzyl chloride	91	10.231	10.231	(1.016)	84822	25.8156	25.8		
115 trans-Decalin	138	10.292	10.298	(1.022)	49492	37.1667	37.2		
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	184274	39.0242	39.0		
117 n-Butylbenzene	91	10.377	10.377	(1.030)	360955	38.2891	38.3		
119 n-Undecane	43	10.450	10.450	(1.038)	118170	129.574	130 (Q)		
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	161432	44.8943	44.9		
120 cis-Decalin	138	10.816	10.822	(1.074)	36644	35.3903	35.4		
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	258979	36.6063	36.6		
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	13252	43.4149	43.4		
123 n-Dodecane	43	Compound Not Detected.							(Q)
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	76650	41.6368	41.6		
125 Hexachloro-1,3-butadiene	225	12.389	12.395	(1.230)	31679	42.2687	42.3		
126 Naphthalene	128	12.566	12.572	(1.248)	176453	41.3751	41.4		
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	57723	41.2584	41.2		

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D
Report Date: 11-Mar-2021 10:40

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Review Codes Legend

:
WP: Indicates that the wrong peak was chosen (i.e. The surrogate peak was misidentified by the computer system).

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D
Report Date: 11-Mar-2021 10:40

Pace Analytical Services, Inc.

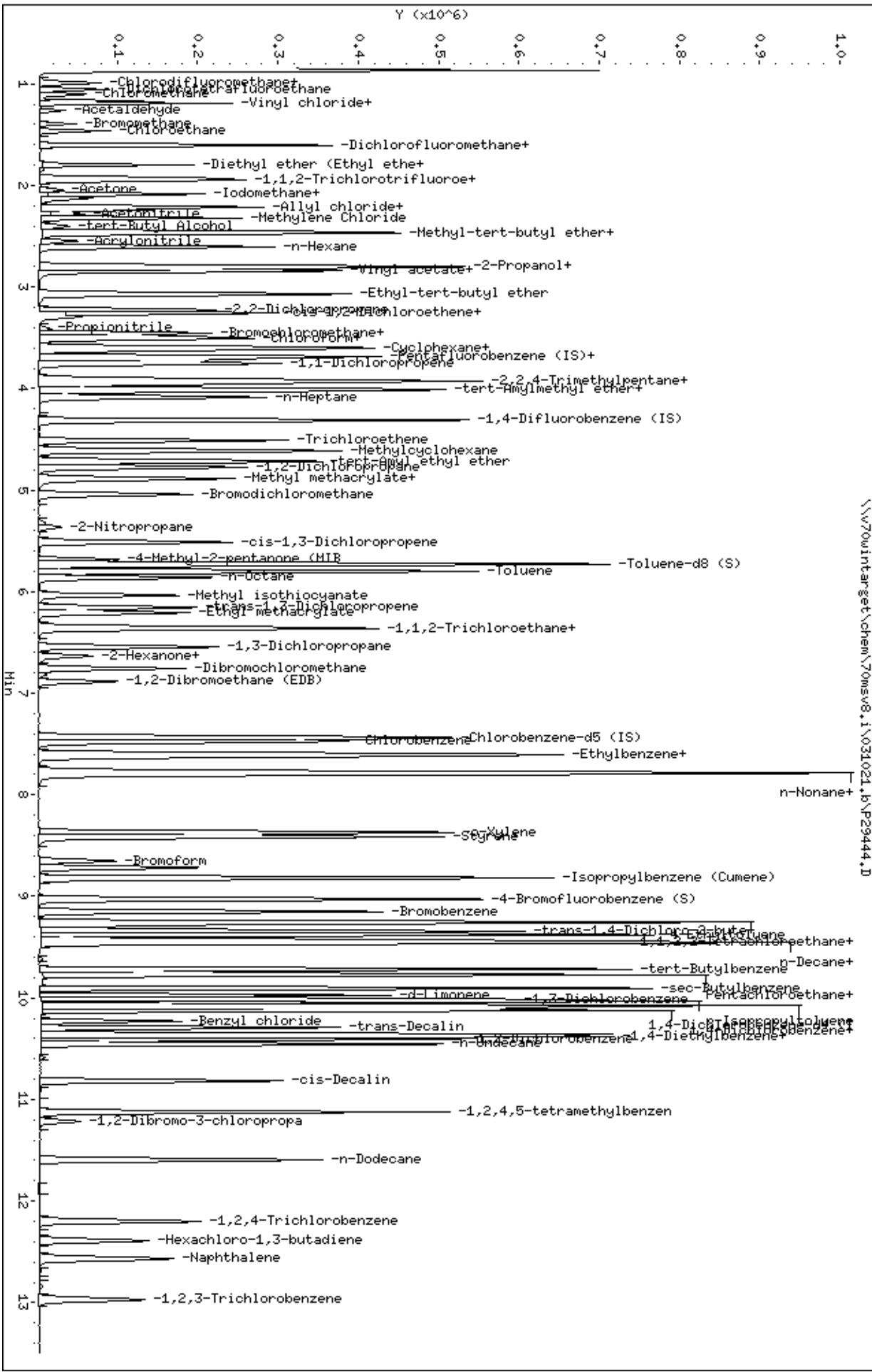
SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29444.D
Lab Smp Id: 982105 Client Smp ID: MW-14 MS/MSDMS
Inj Date : 10-MAR-2021 18:23 MS Autotune Date: 07-JUL-2020 12:1
Operator : BBL Inst ID: 70msv8.i
Smp Info : 982105, 106905:1.25
Misc Info : 11195,
Comment :
Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
Als bottle: 25 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\70winintarget\chem\70msv8.1\031021.b\p29444.D
 Date: 10-MAR-2021 18:23
 Client ID: HM-14 HS/MSDS
 Sample Info: 982105, 106905;1.25
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: BBL
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

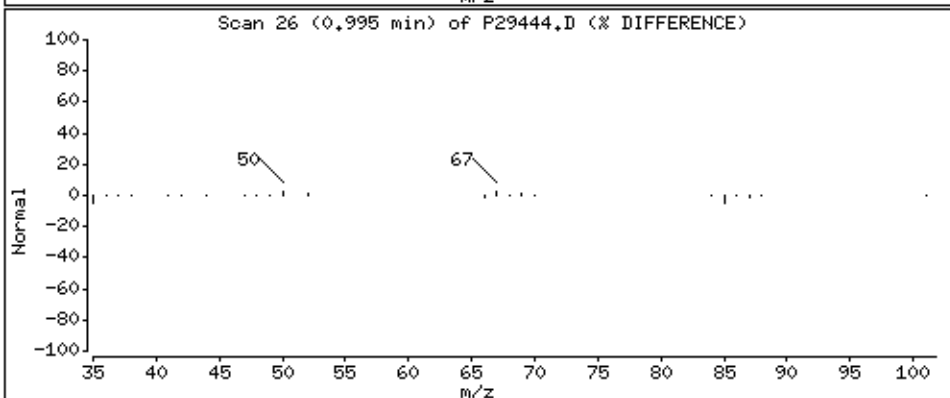
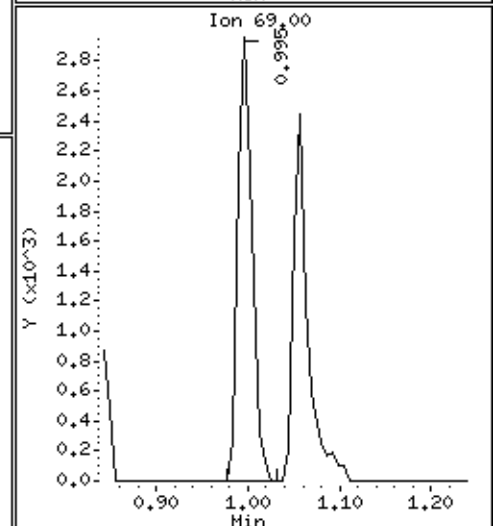
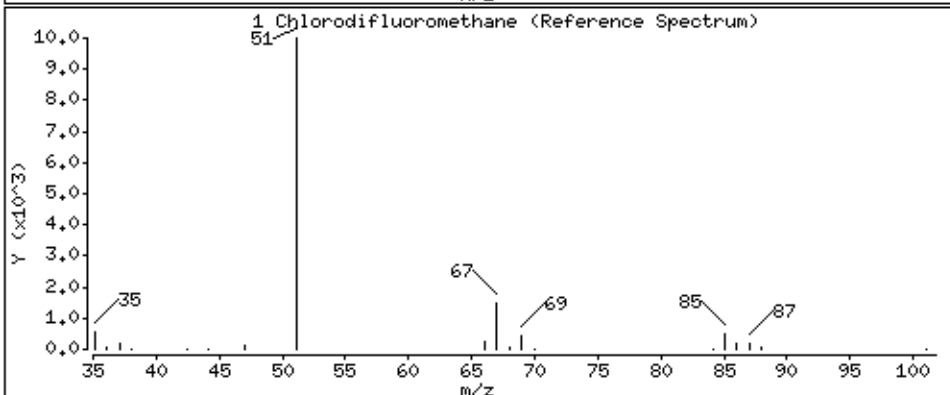
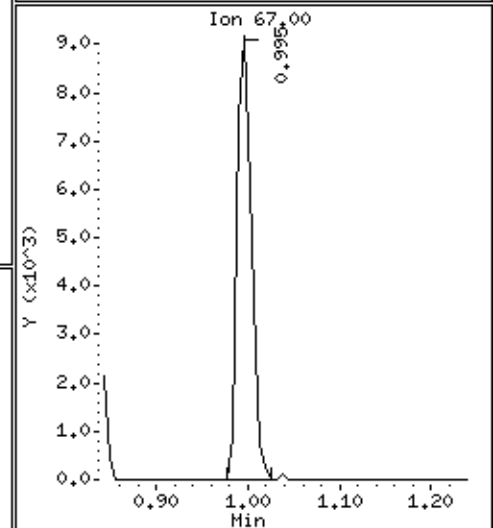
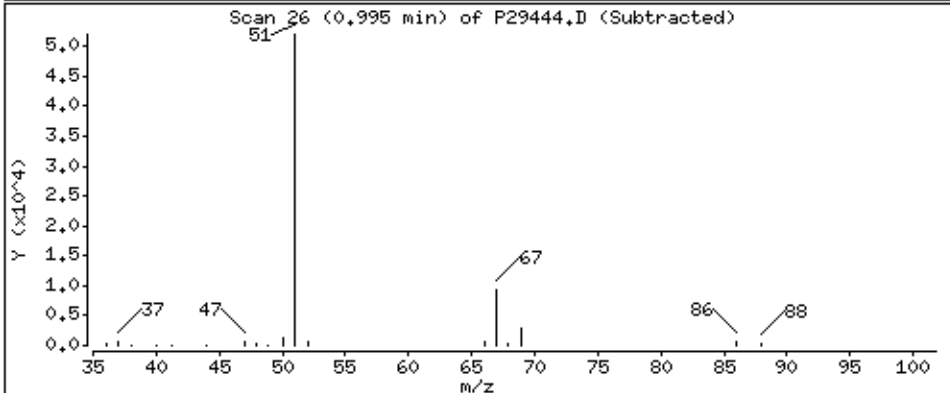
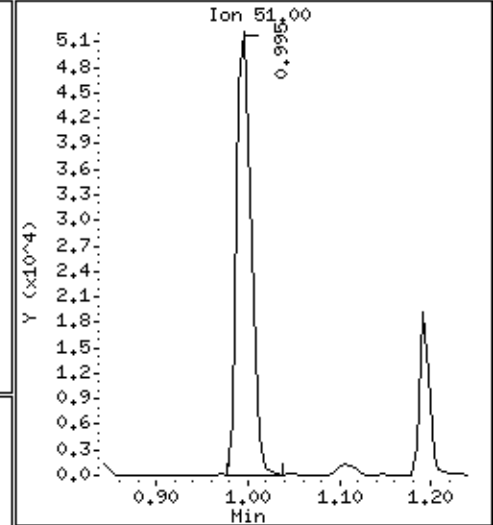
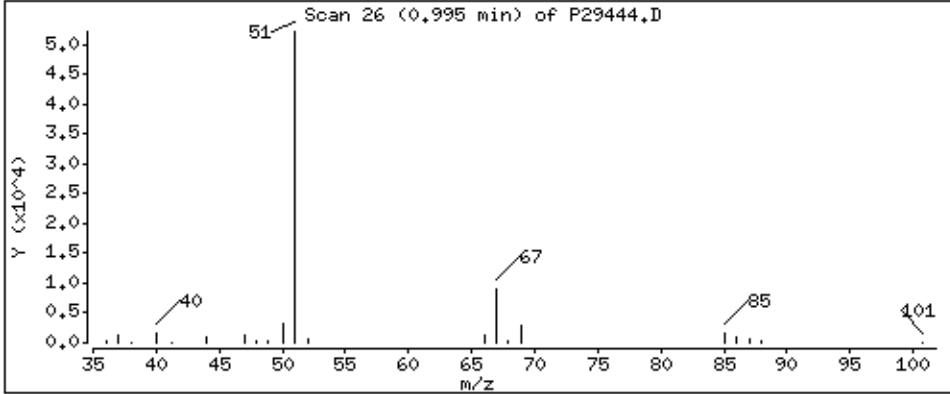
Column phase: RTX-624

Column diameter: 0,18

1 Chlorodifluoromethane

Concentration: 33,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5,0

Operator: BBL

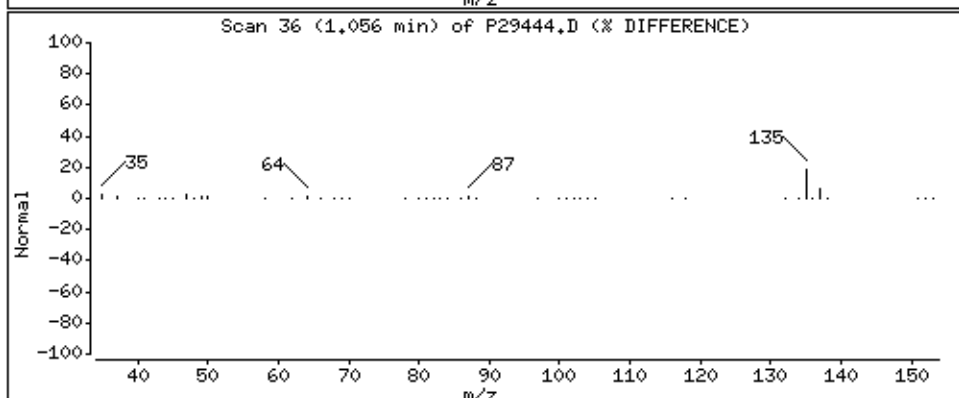
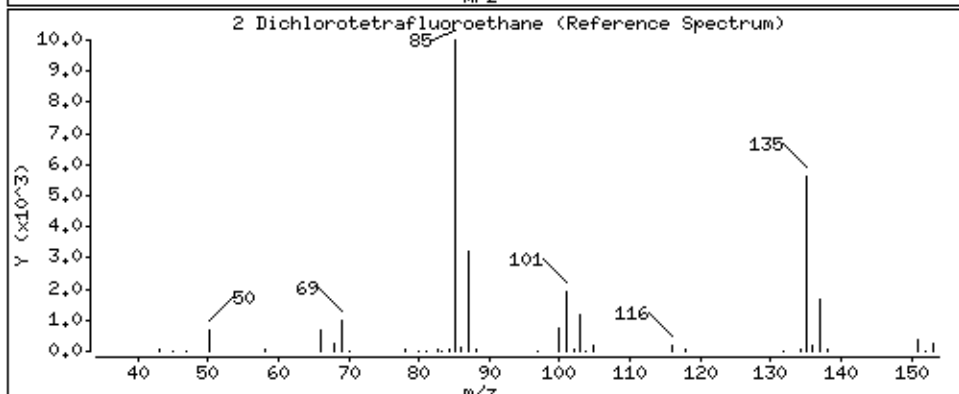
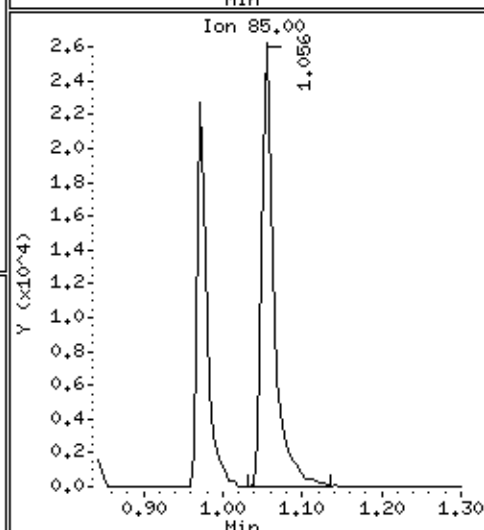
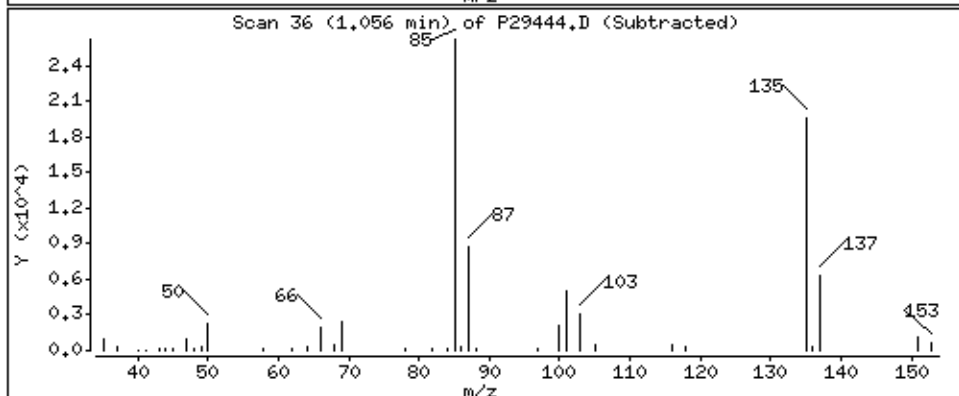
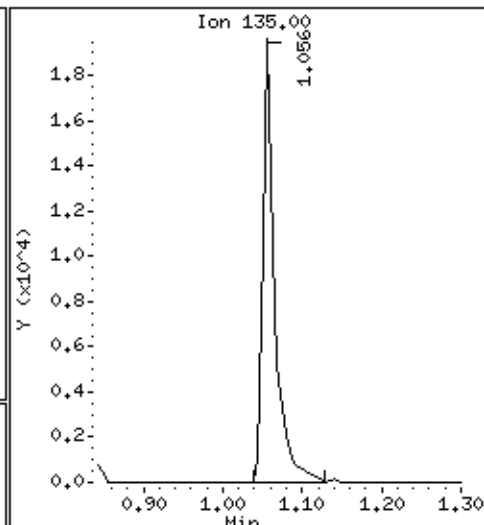
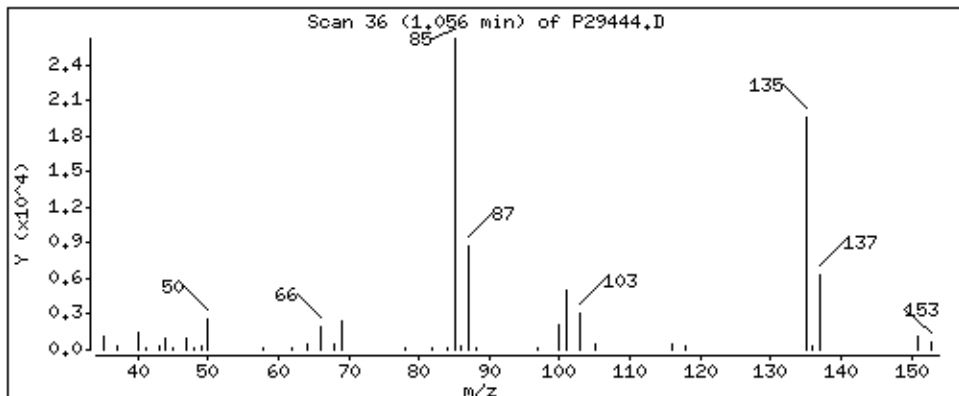
Column phase: RTX-624

Column diameter: 0,18

2 Dichlorotetrafluoroethane

Concentration: 22,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

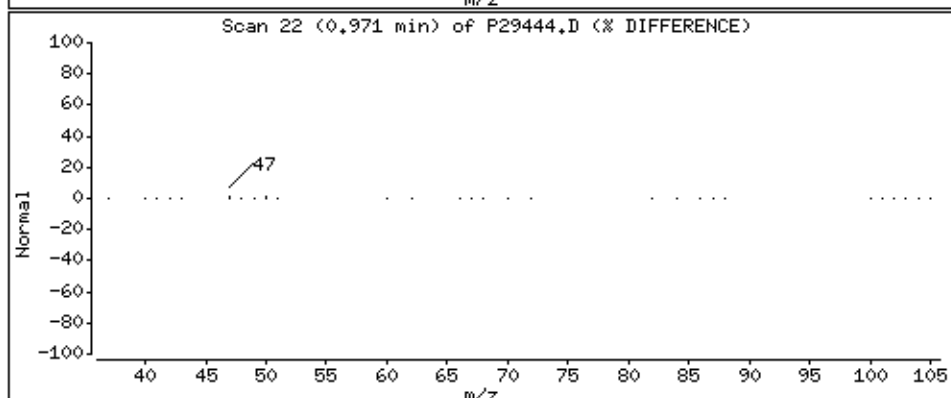
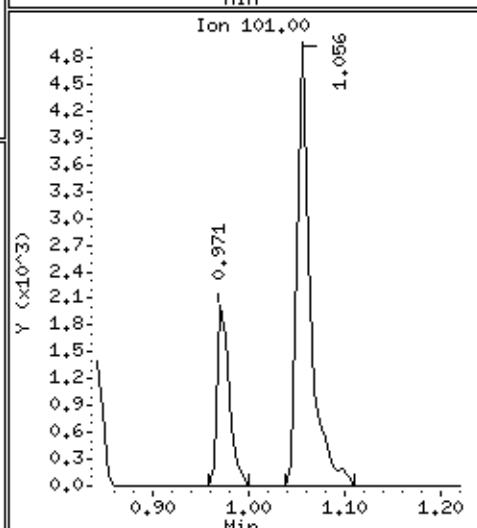
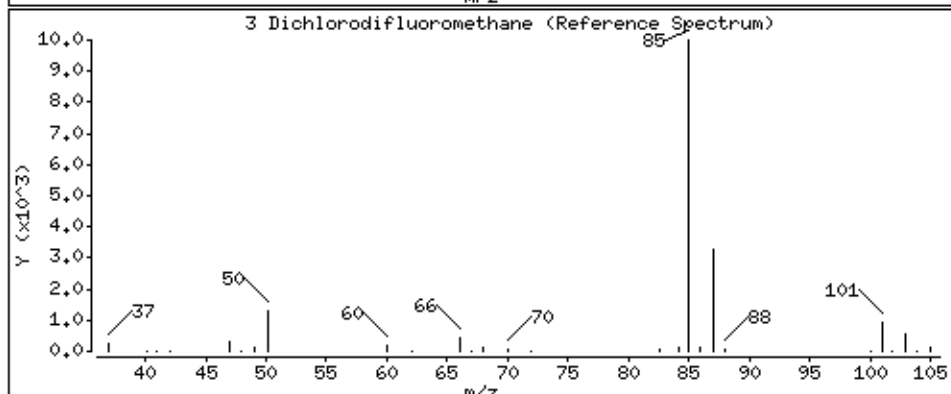
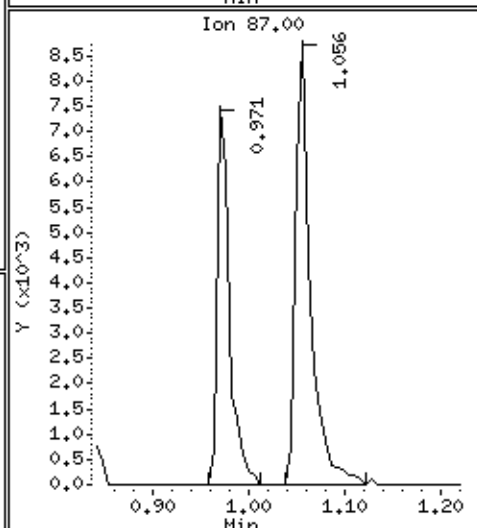
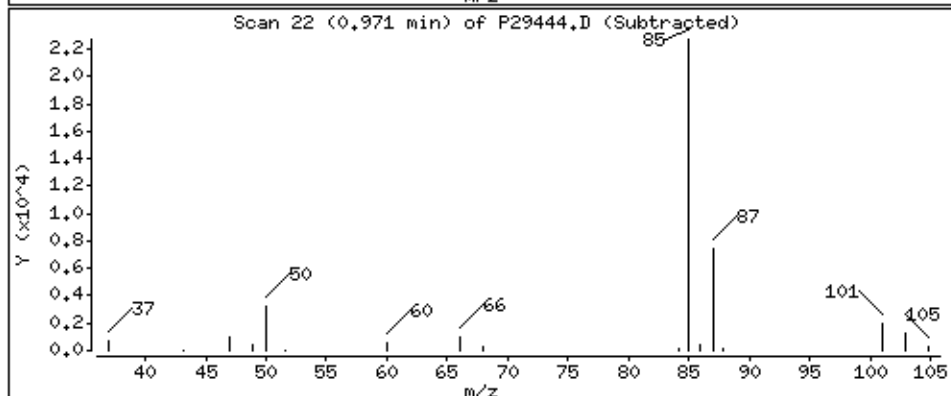
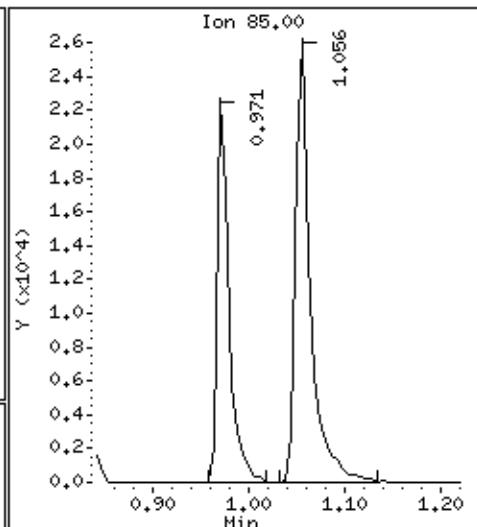
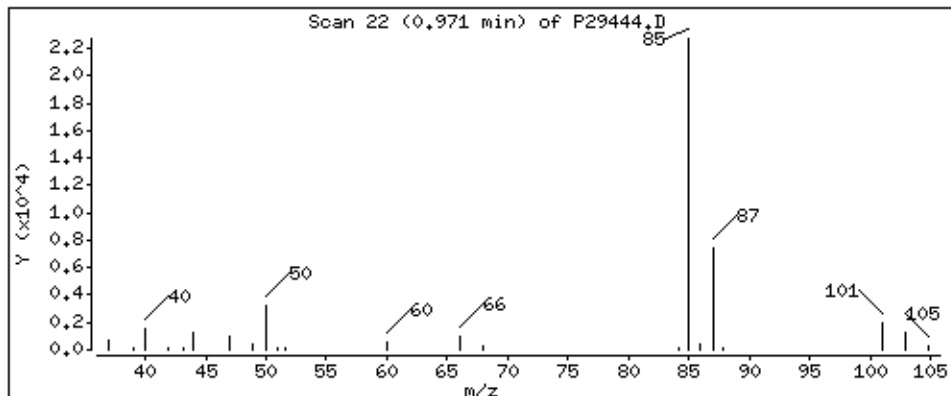
Column phase: RTX-624

Column diameter: 0,18

3 Dichlorodifluoromethane

Concentration: 11.8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

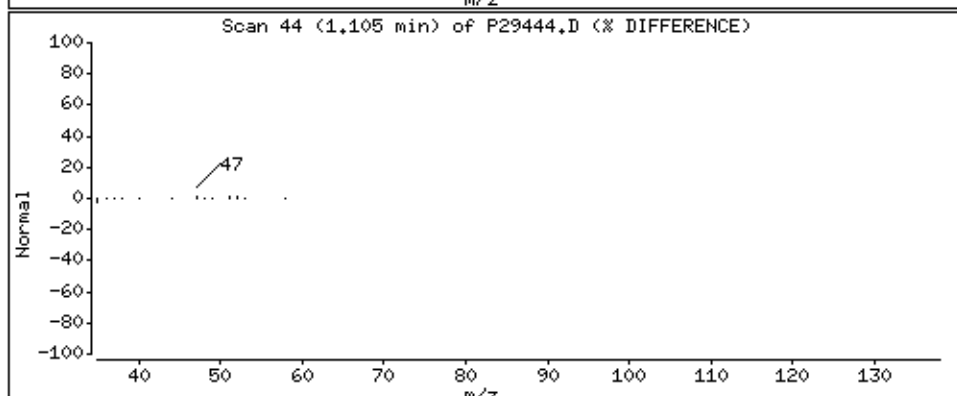
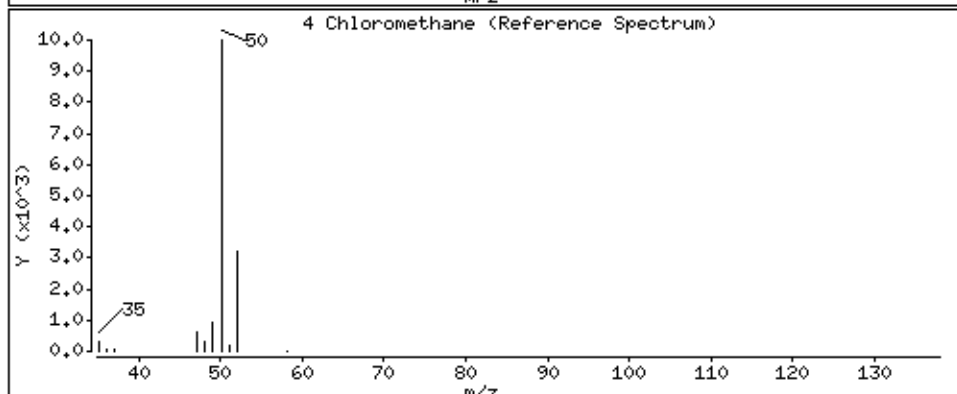
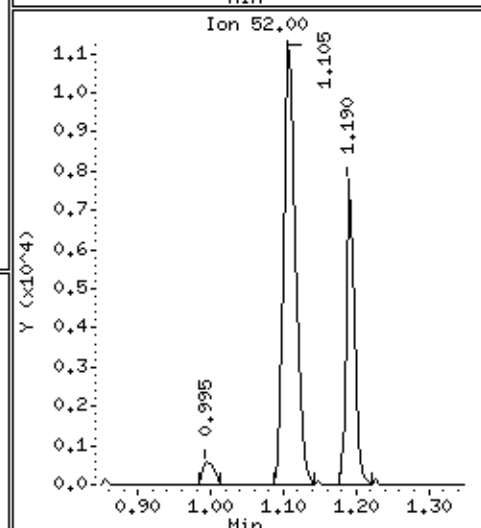
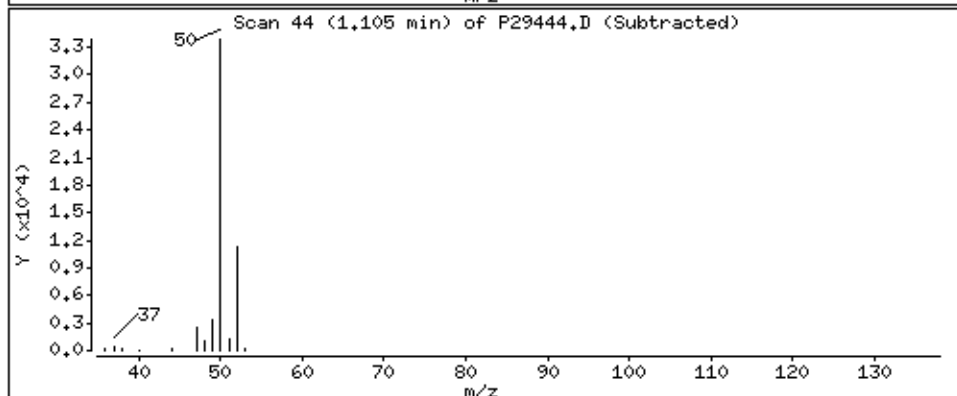
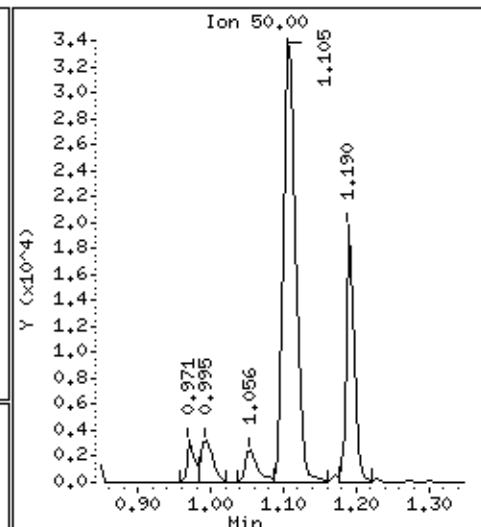
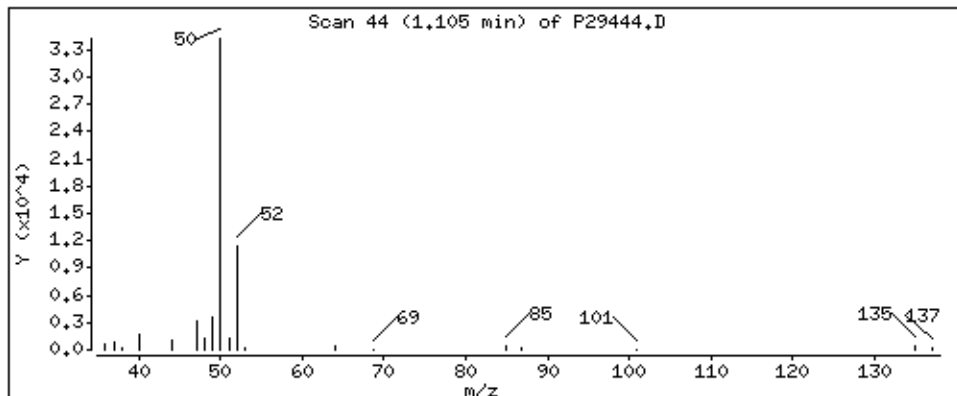
Column phase: RTX-624

Column diameter: 0,18

4 Chloromethane

Concentration: 37,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

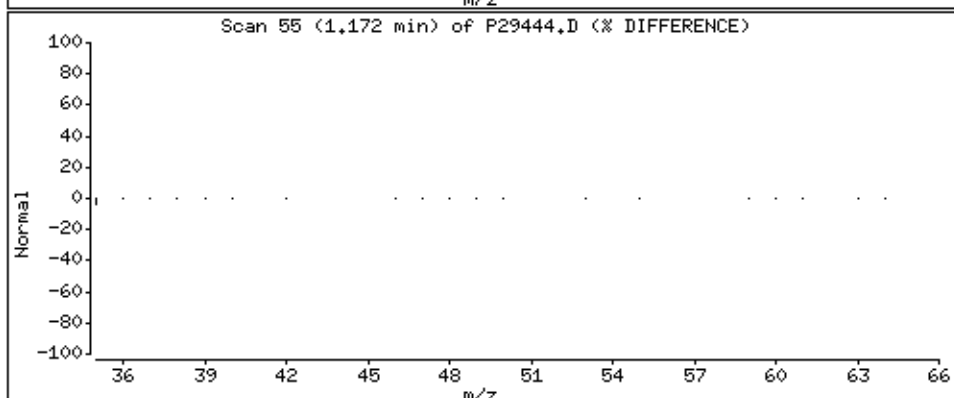
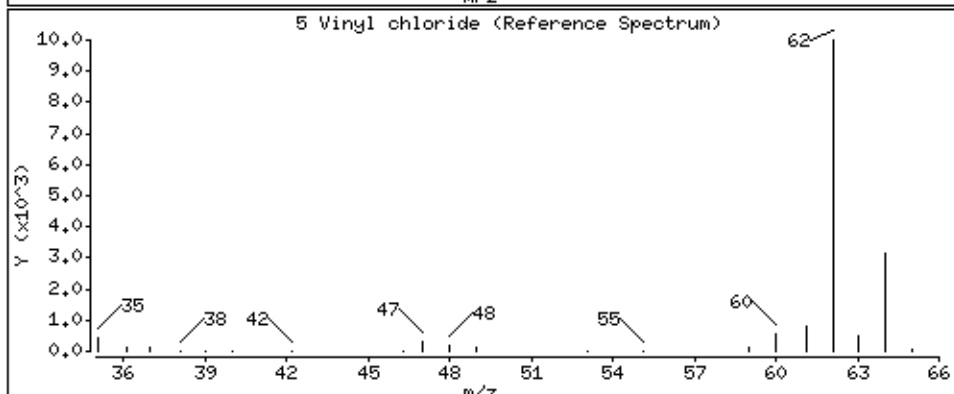
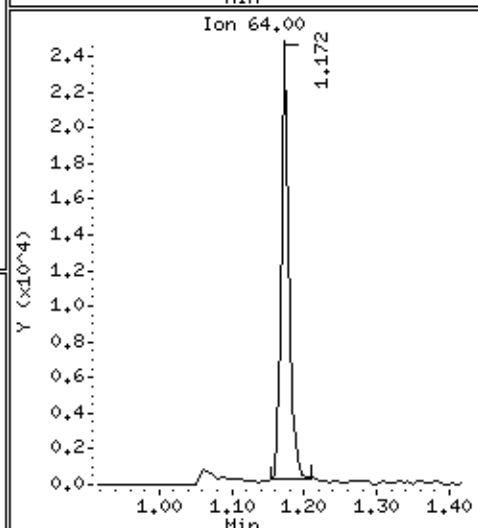
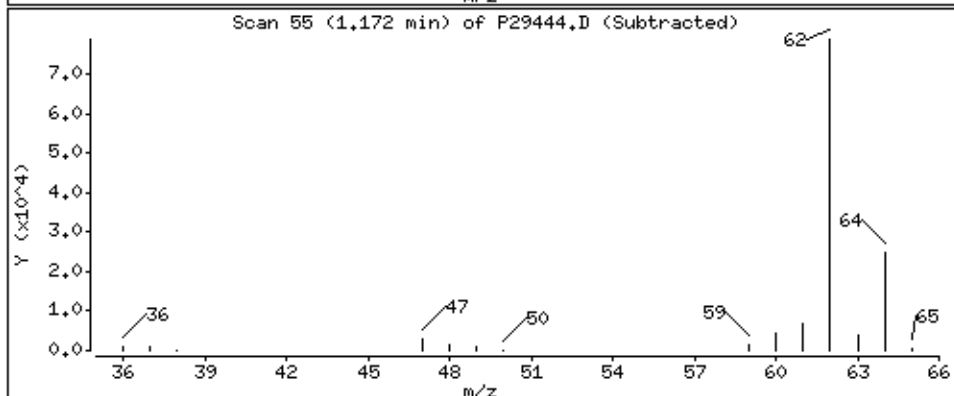
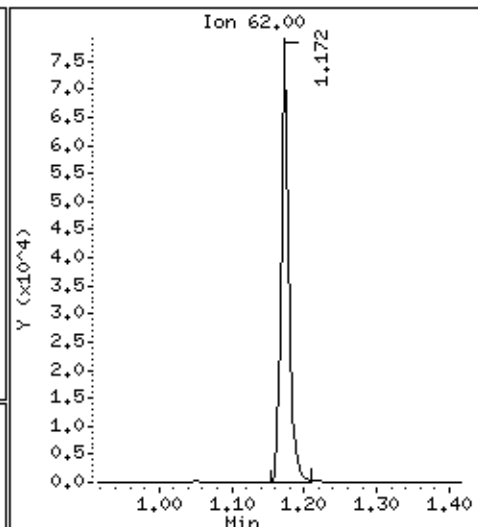
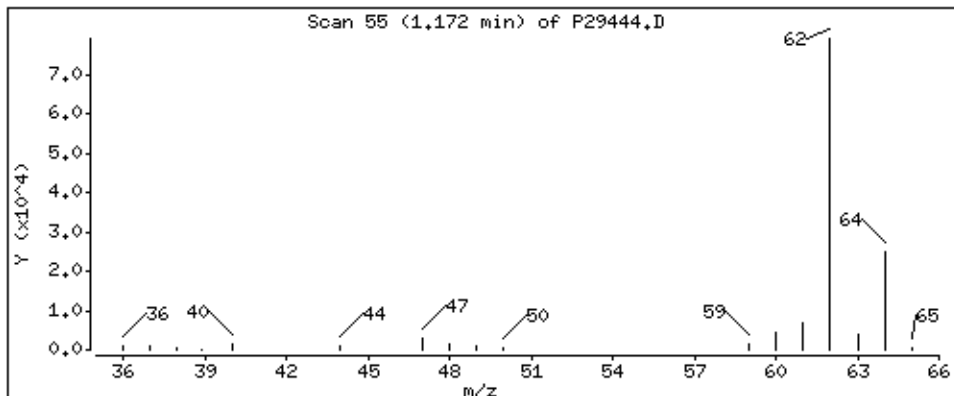
Column phase: RTX-624

Column diameter: 0.18

5 Vinyl chloride

Concentration: 47.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

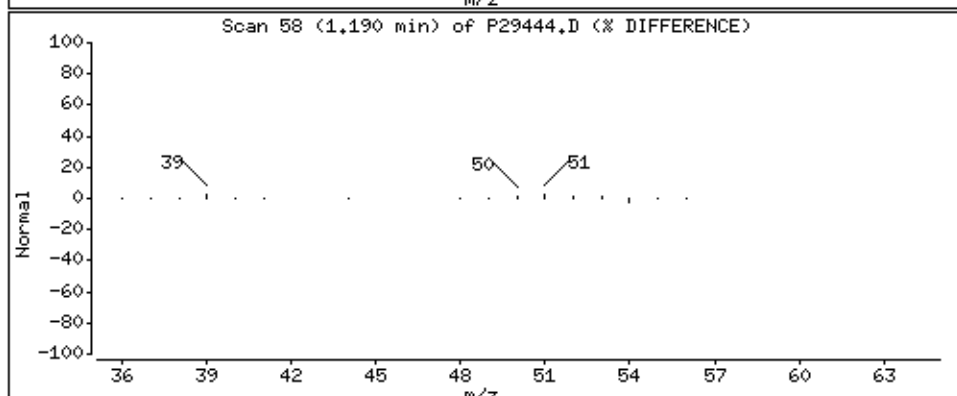
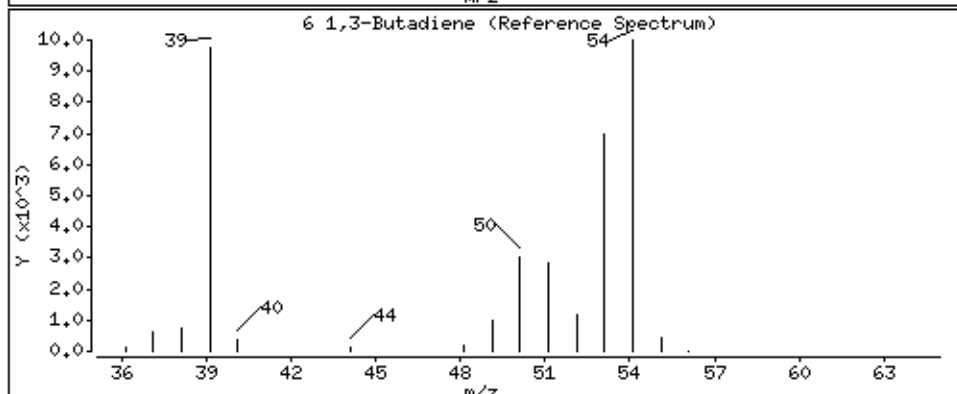
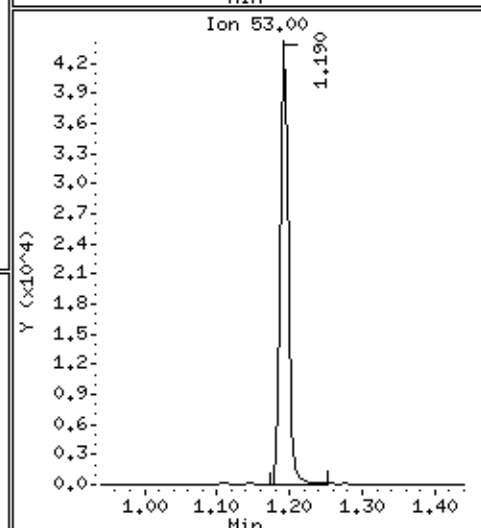
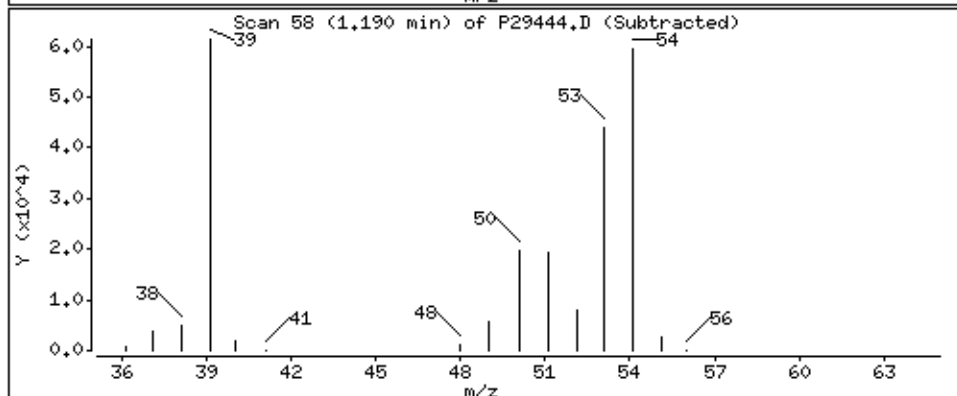
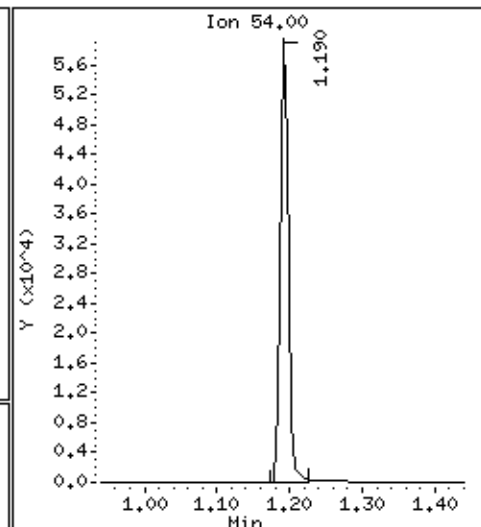
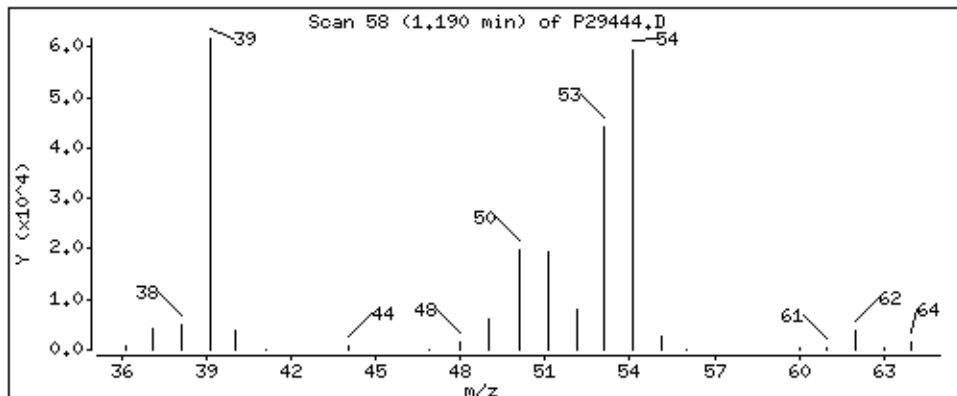
Column phase: RTX-624

Column diameter: 0,18

6 1,3-Butadiene

Concentration: 35,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

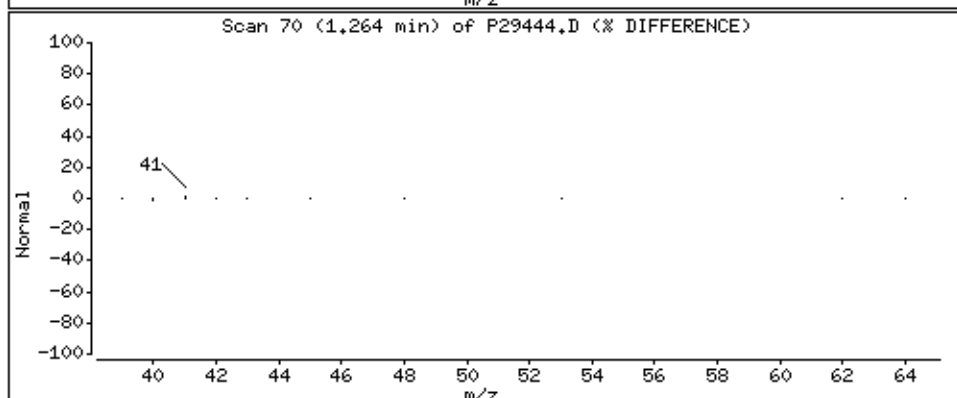
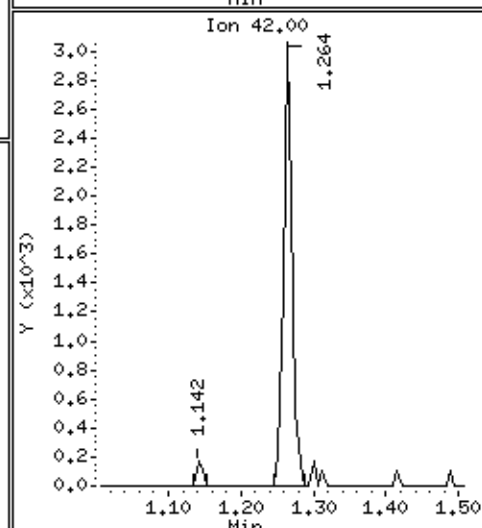
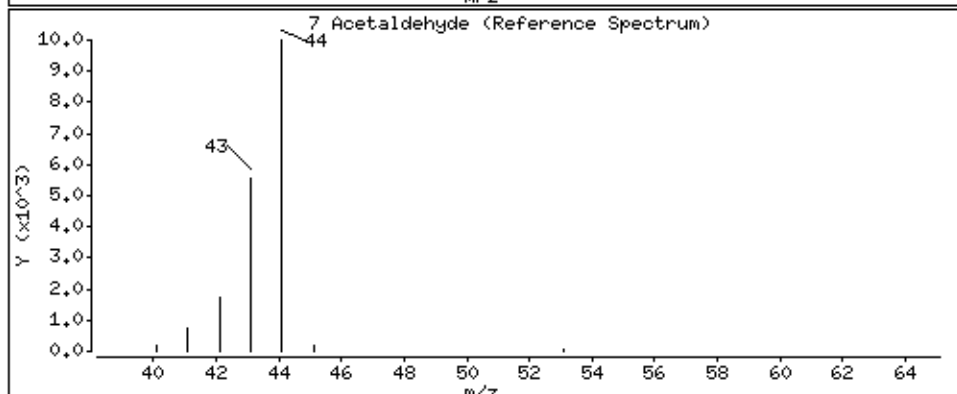
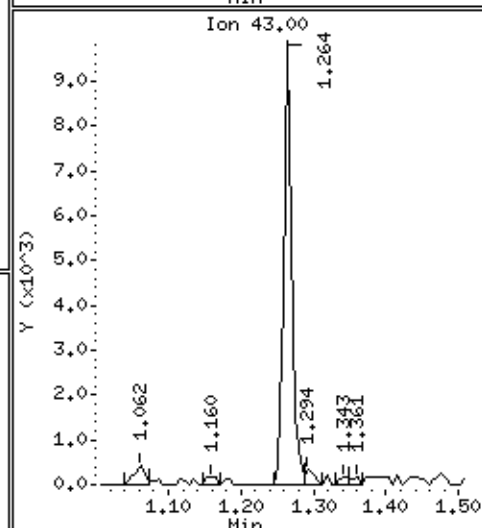
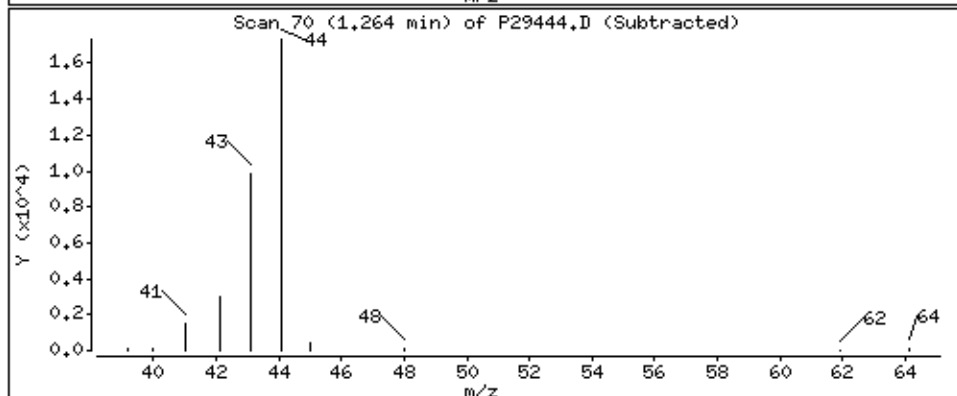
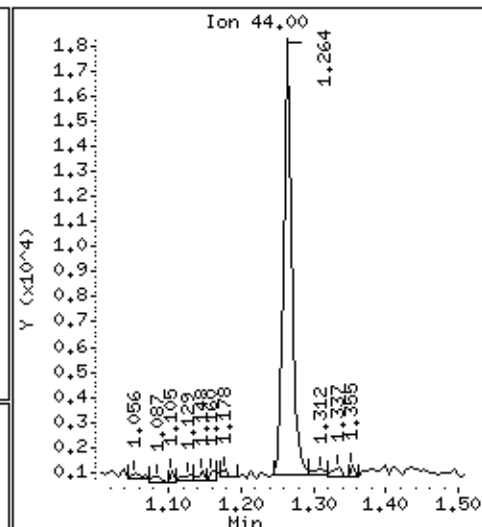
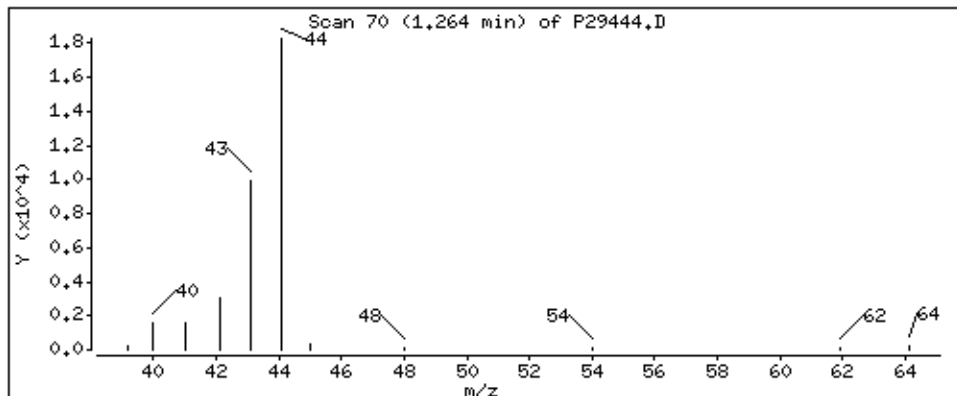
Column phase: RTX-624

Column diameter: 0.18

7 Acetaldehyde

Concentration: 88.8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

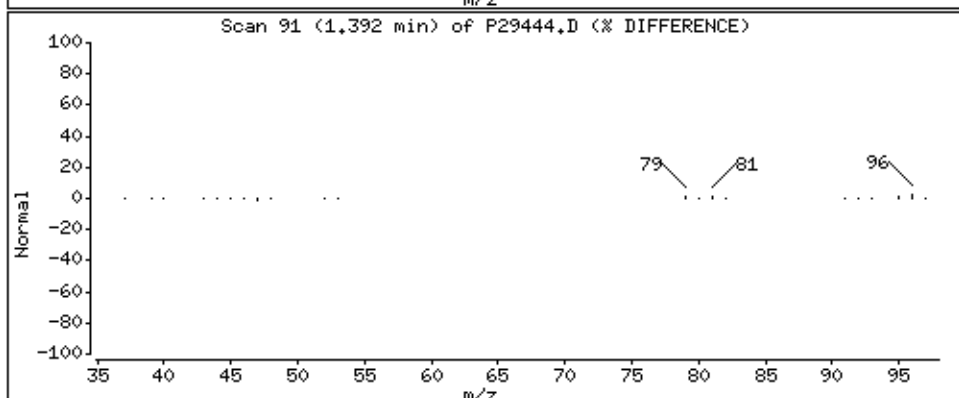
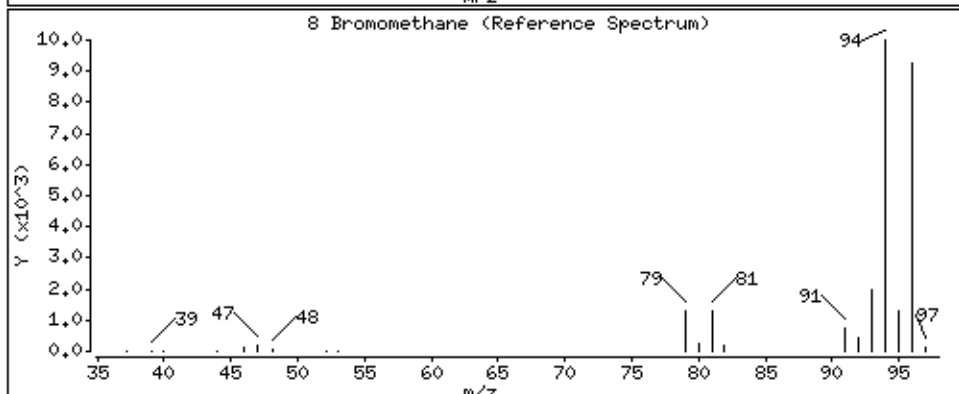
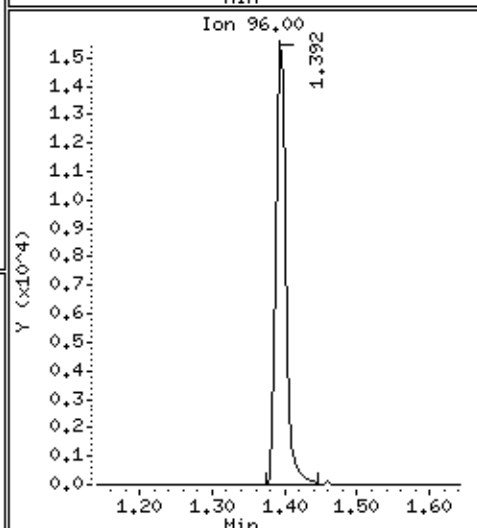
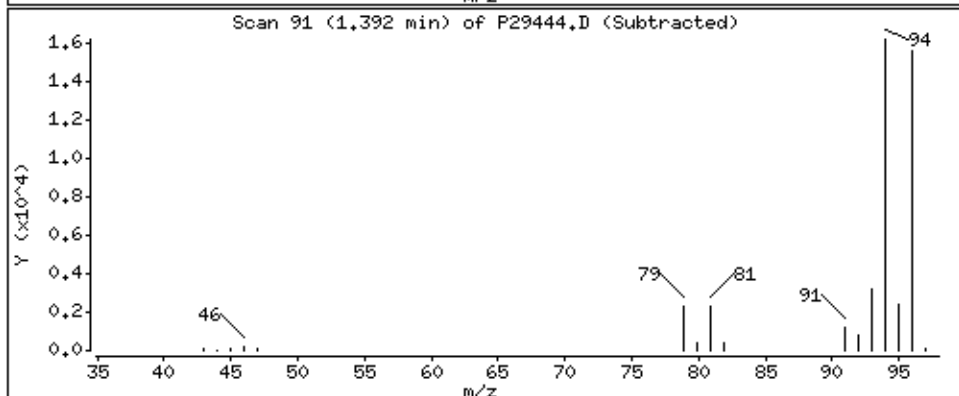
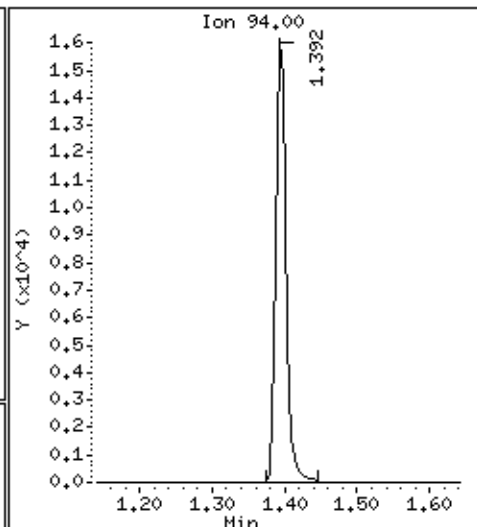
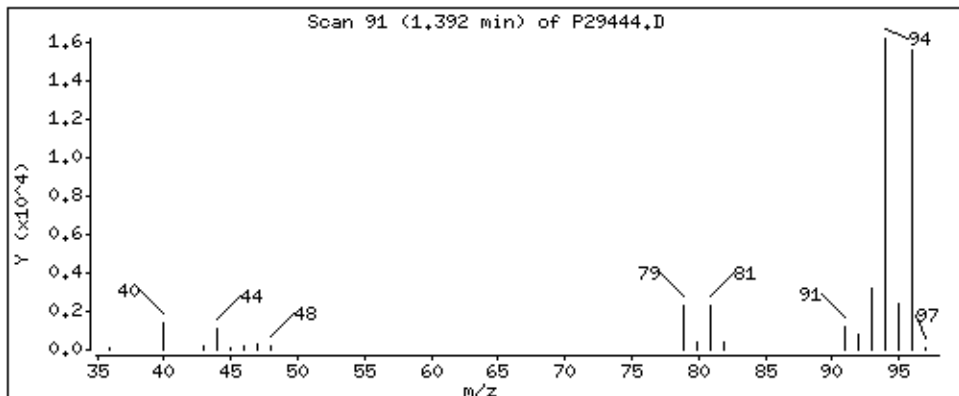
Column phase: RTX-624

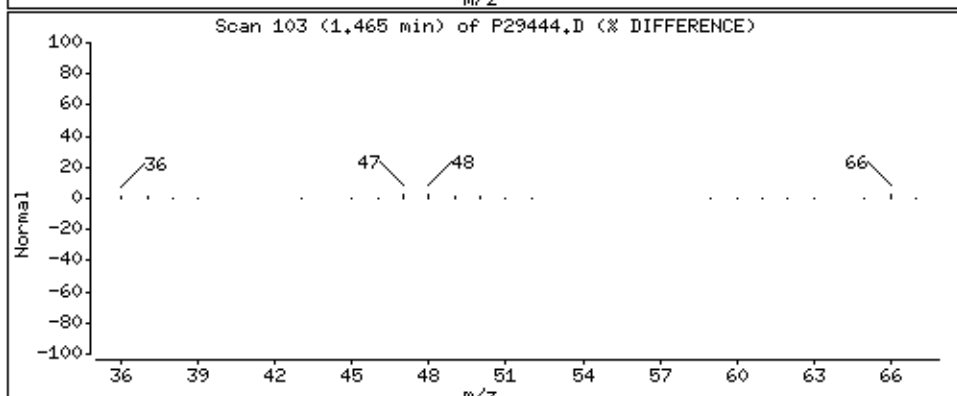
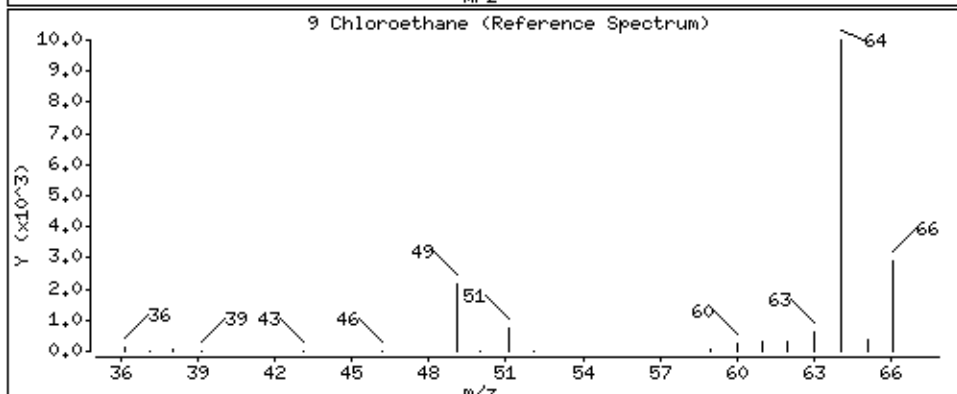
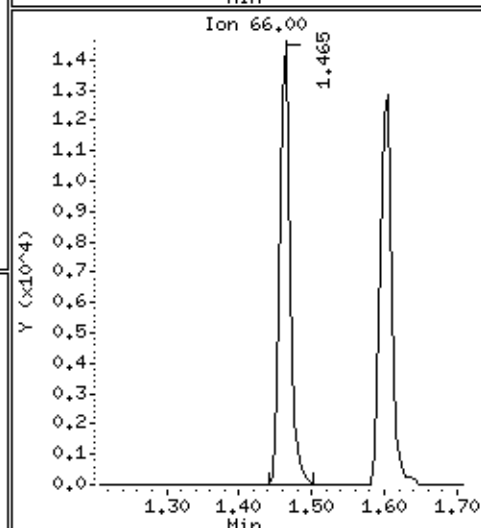
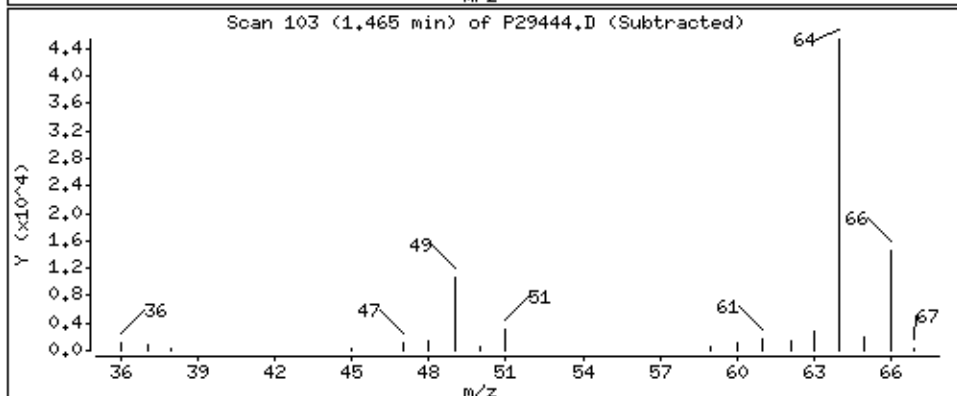
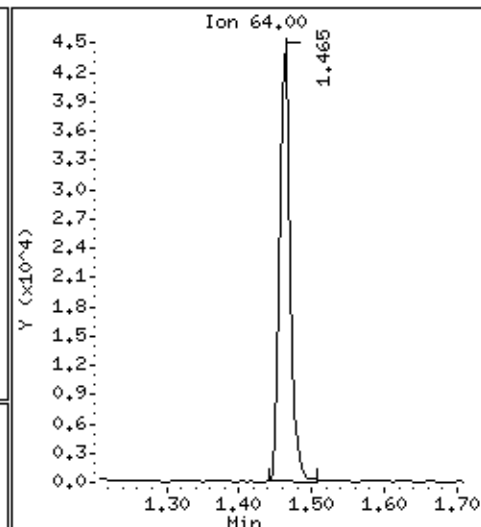
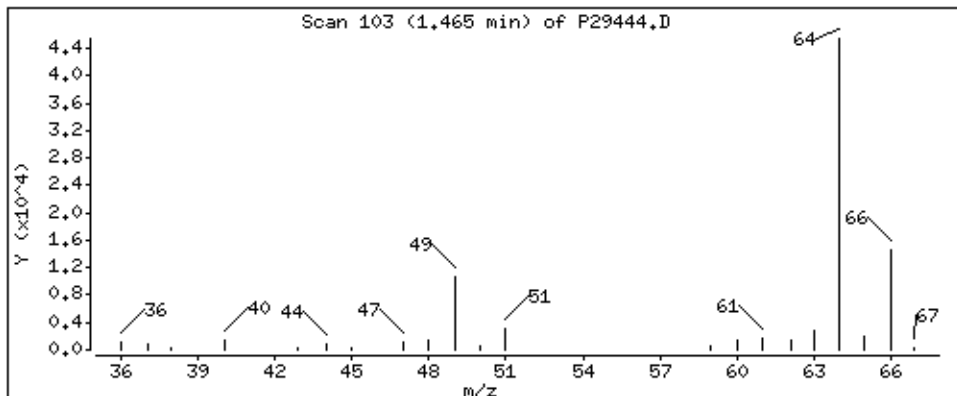
Column diameter: 0.18

8 Bromomethane

Concentration: 69.2 ug/L

Review Code:





Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5,0

Operator: BBL

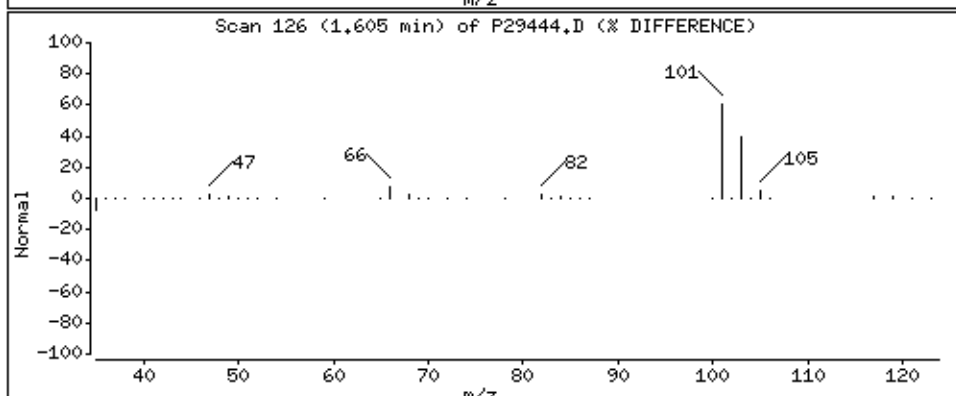
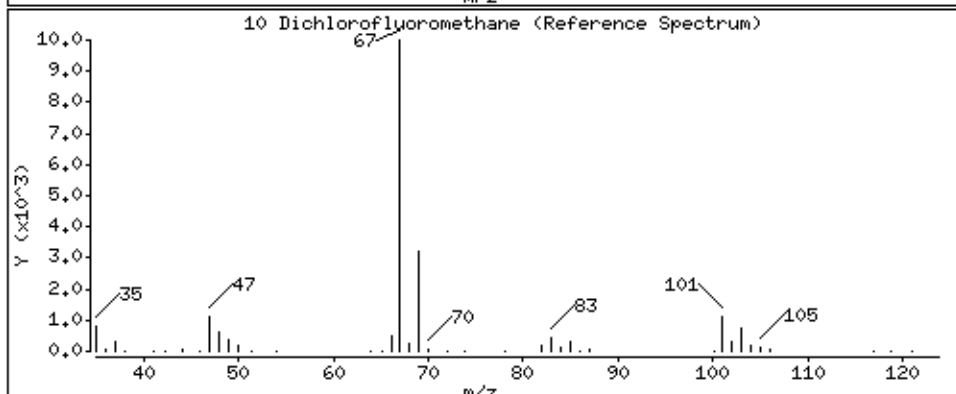
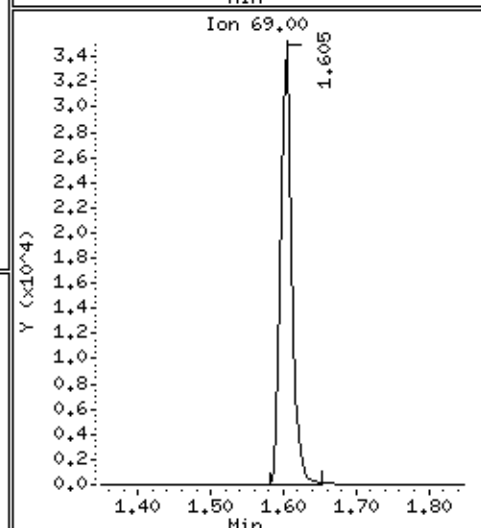
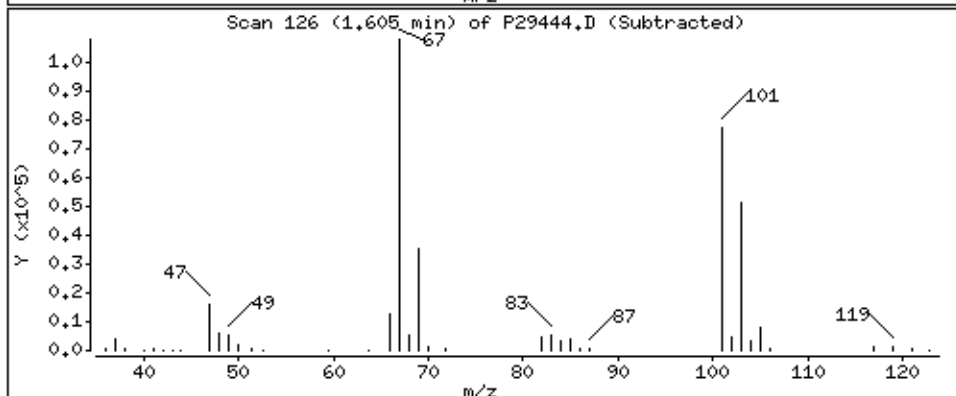
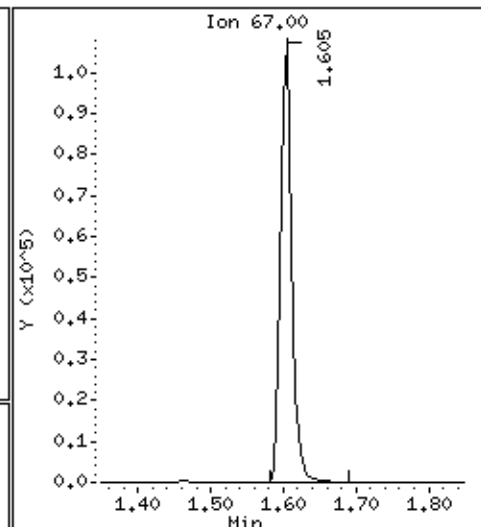
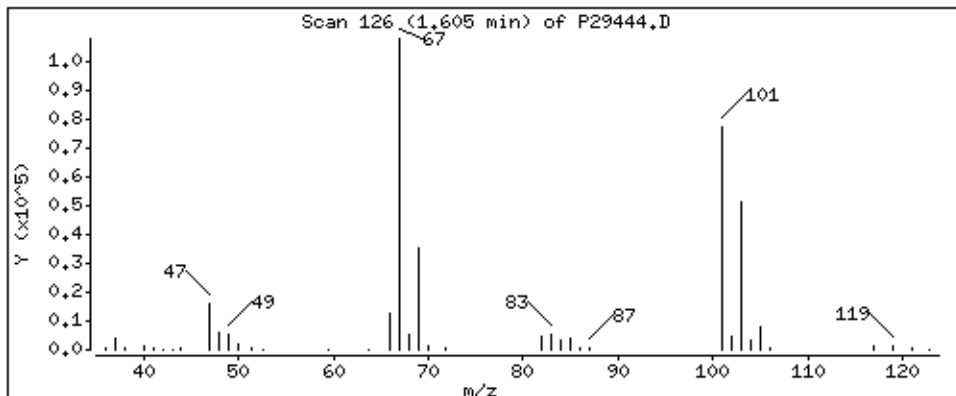
Column phase: RTX-624

Column diameter: 0,18

10 Dichlorofluoromethane

Concentration: 45,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

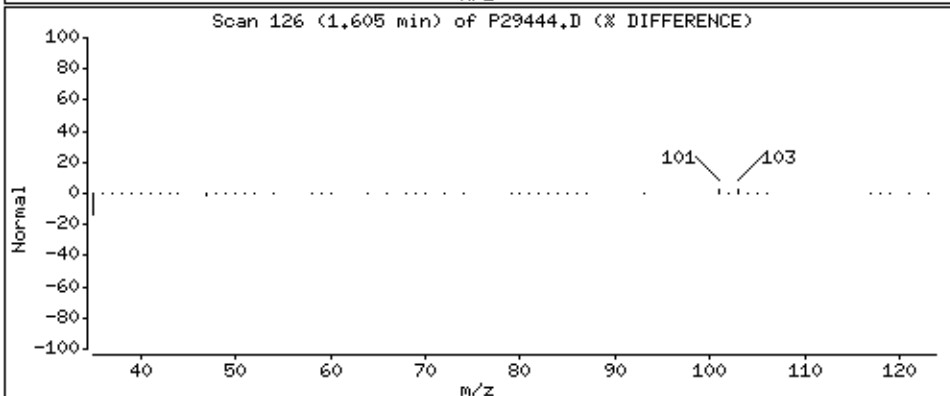
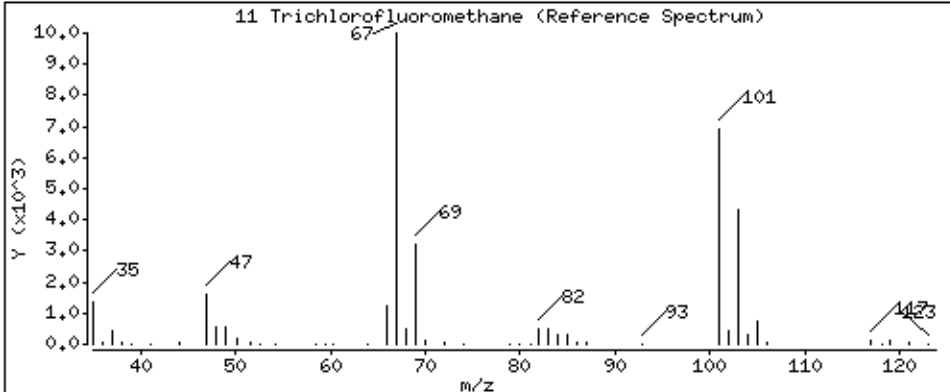
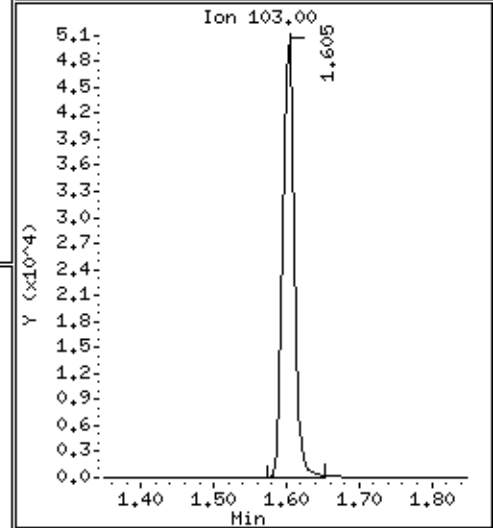
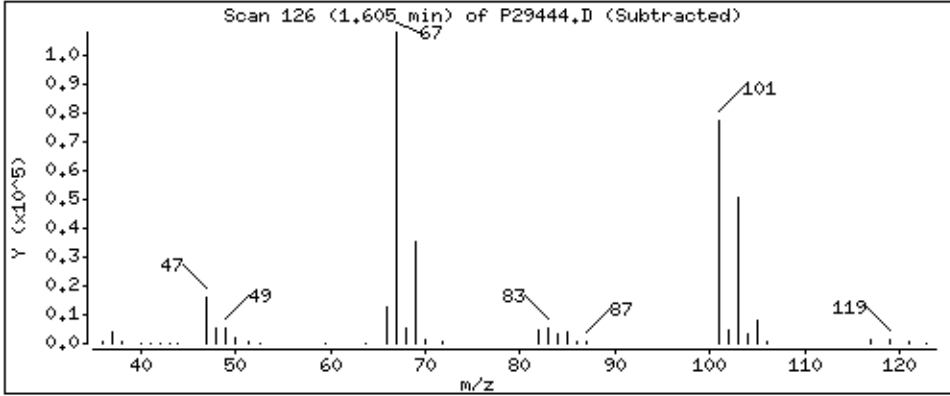
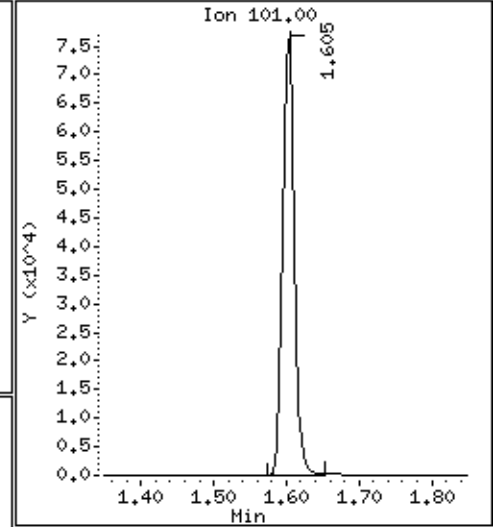
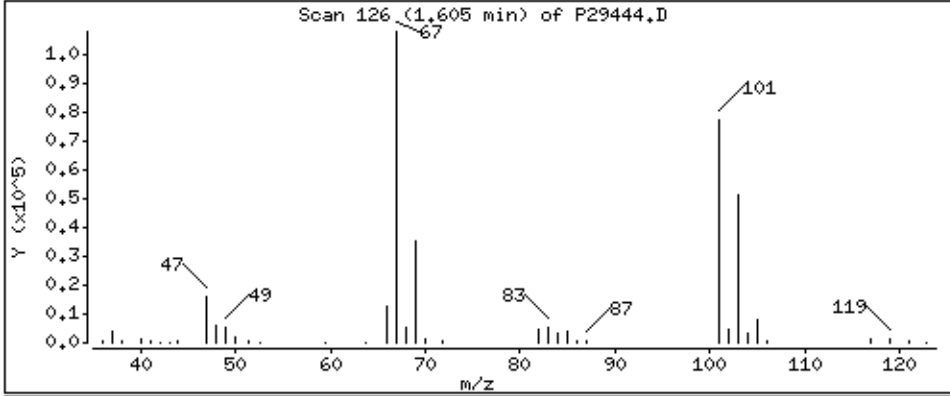
Column phase: RTX-624

Column diameter: 0,18

11 Trichlorofluoromethane

Concentration: 36,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

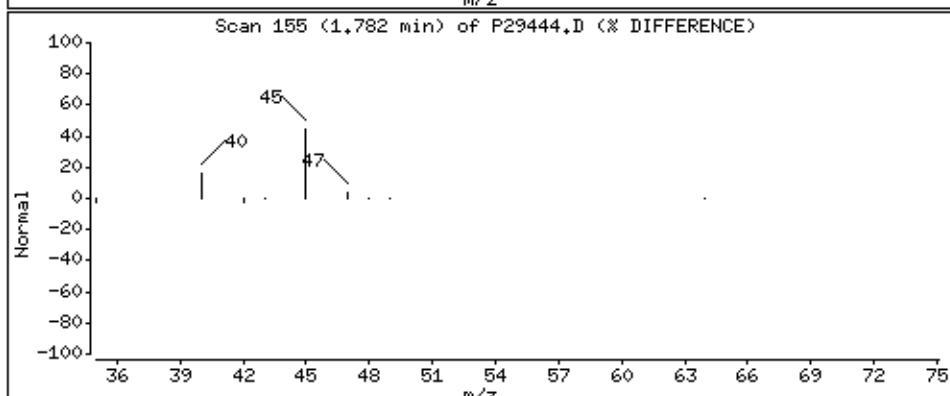
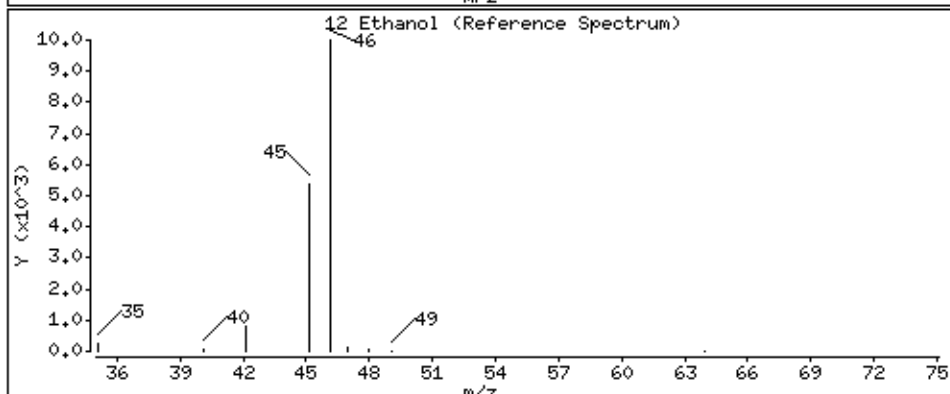
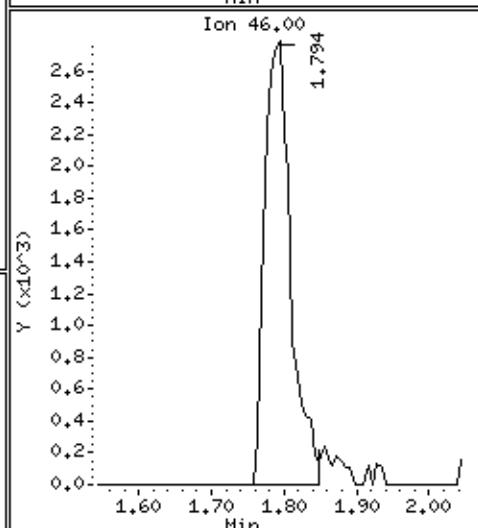
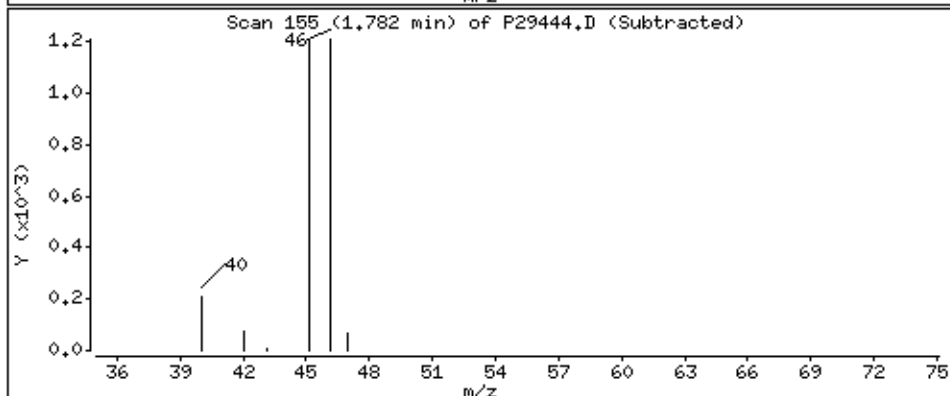
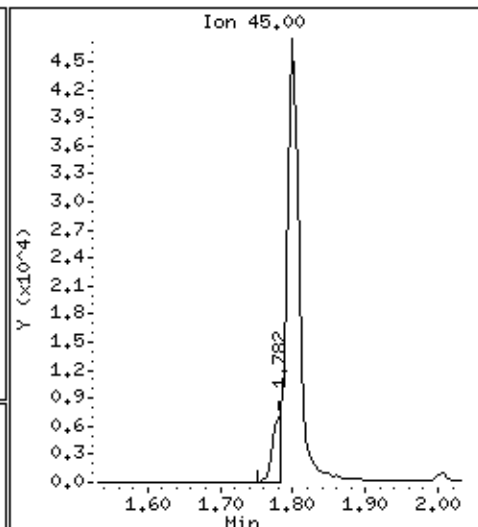
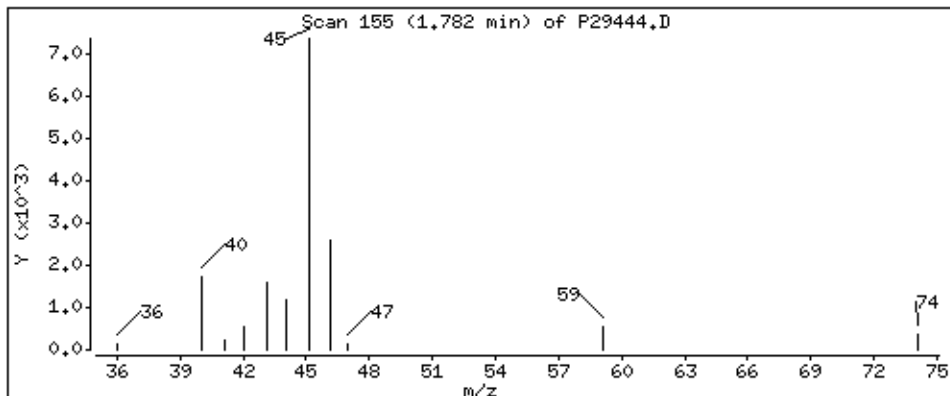
Column phase: RTX-624

Column diameter: 0.18

12 Ethanol

Concentration: 742 ug/L

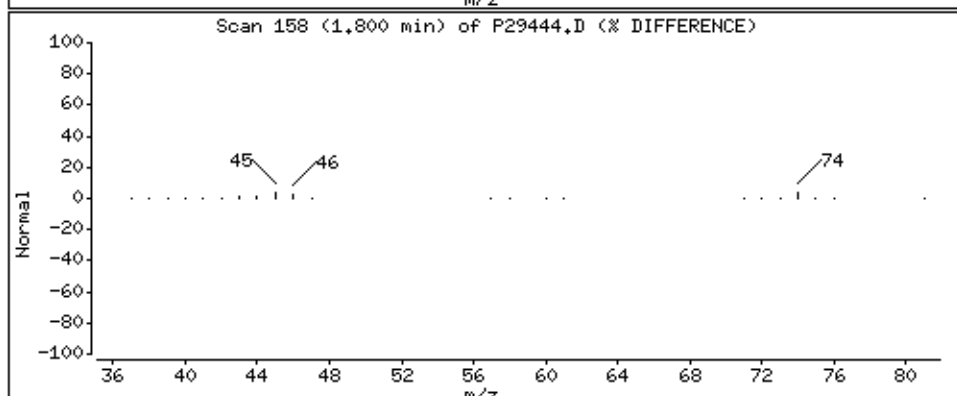
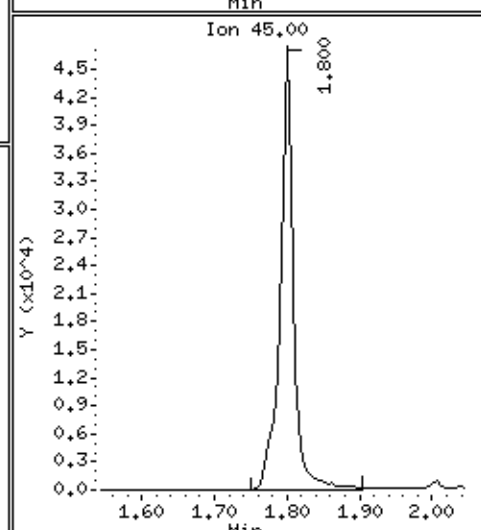
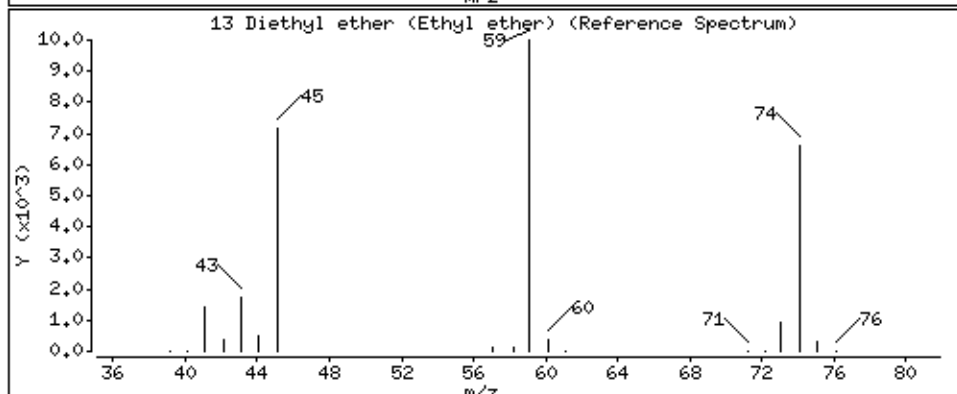
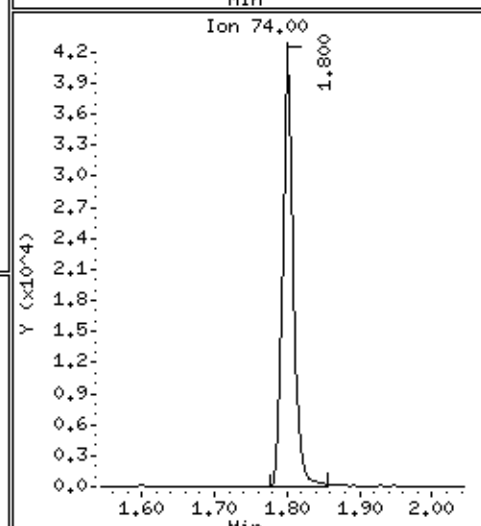
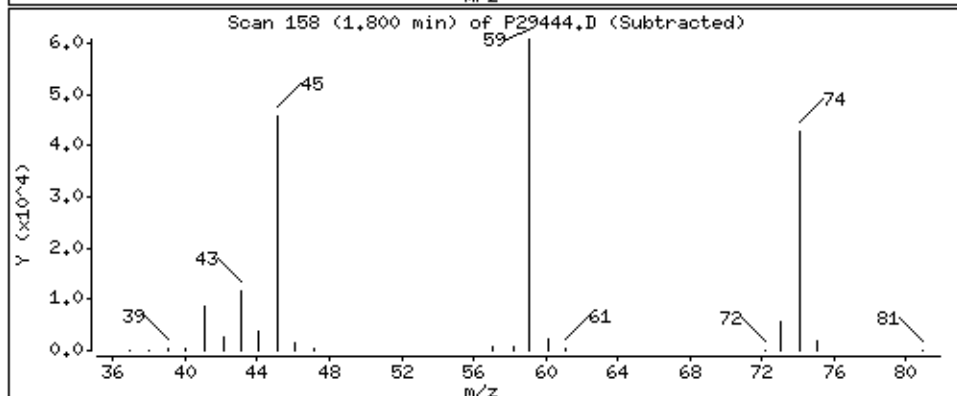
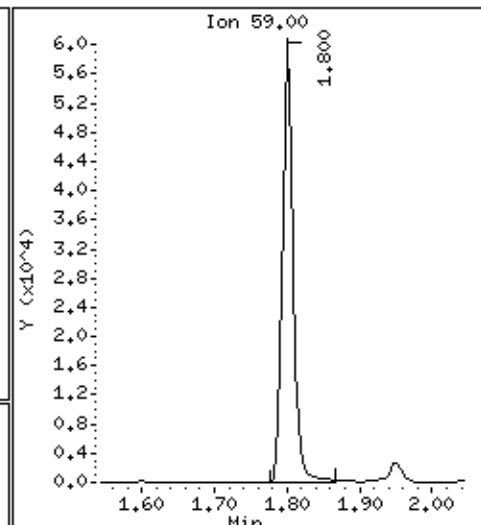
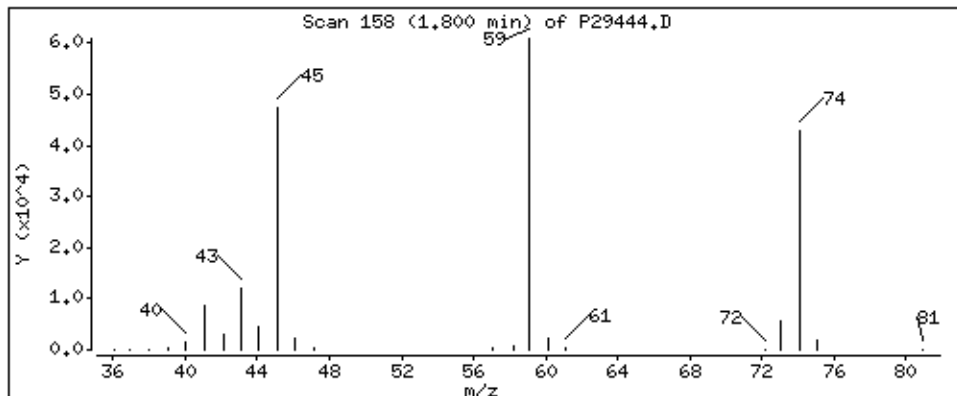
Review Code: WP



13 Diethyl ether (Ethyl ether)

Concentration: 48.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

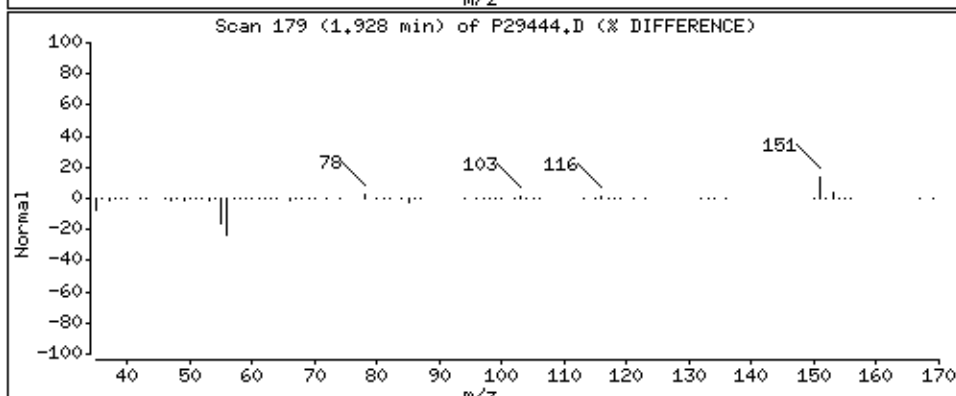
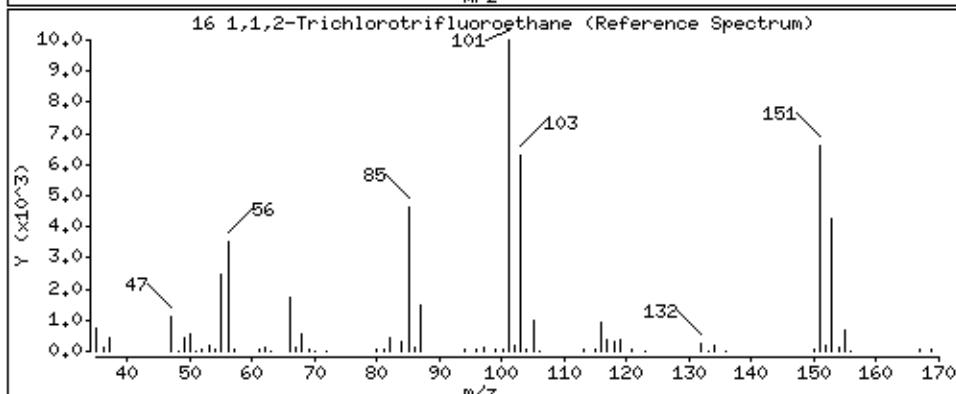
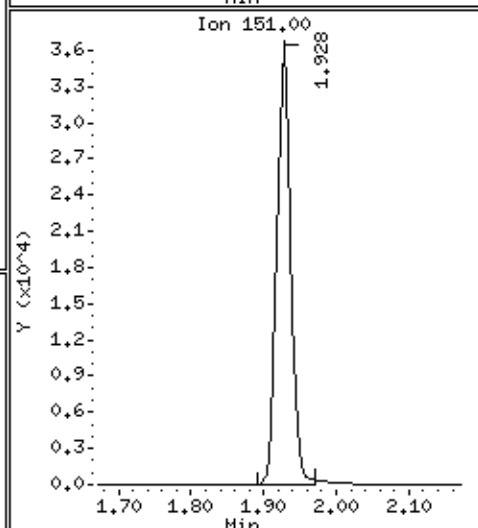
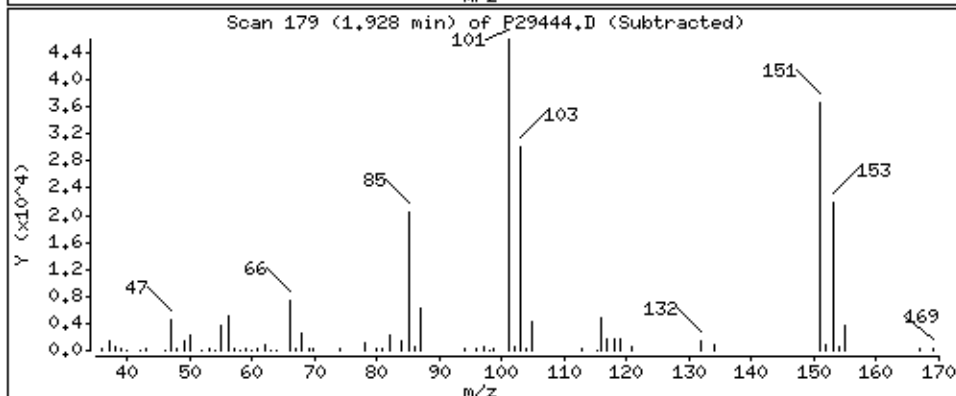
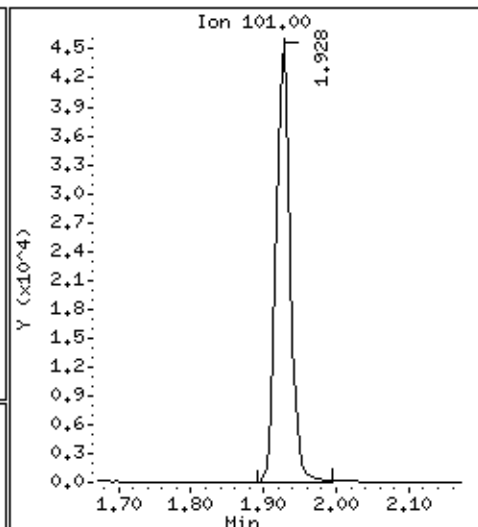
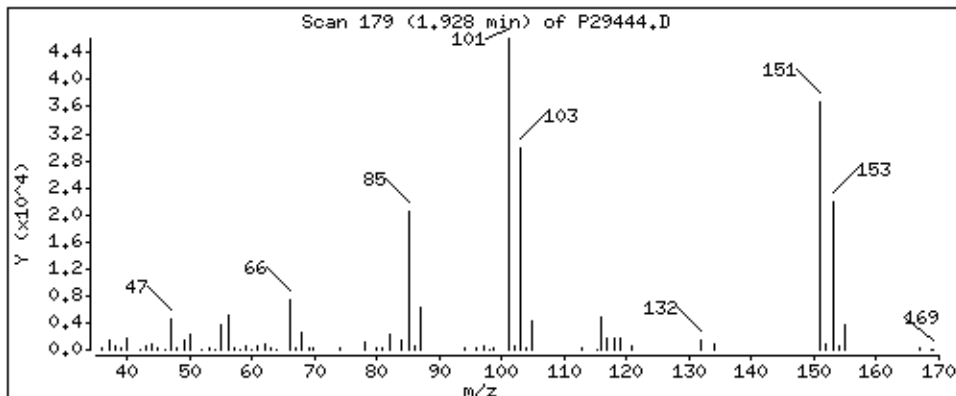
Column phase: RTX-624

Column diameter: 0.18

16 1,1,2-Trichlorotrifluoroethane

Concentration: 41.8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

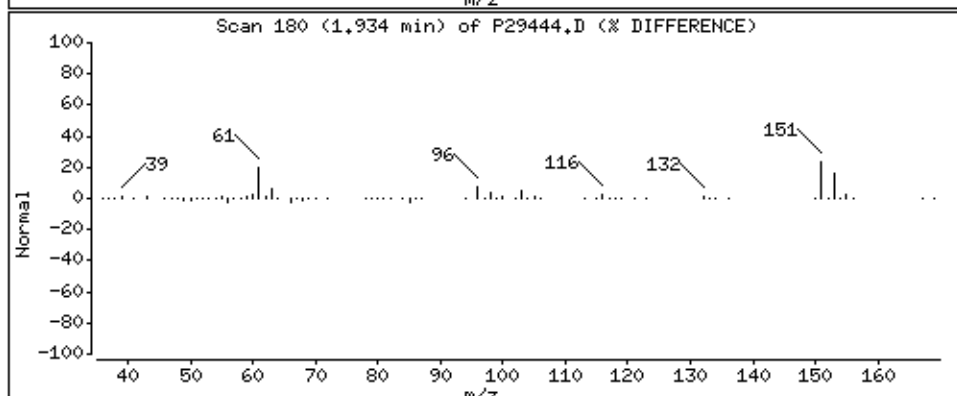
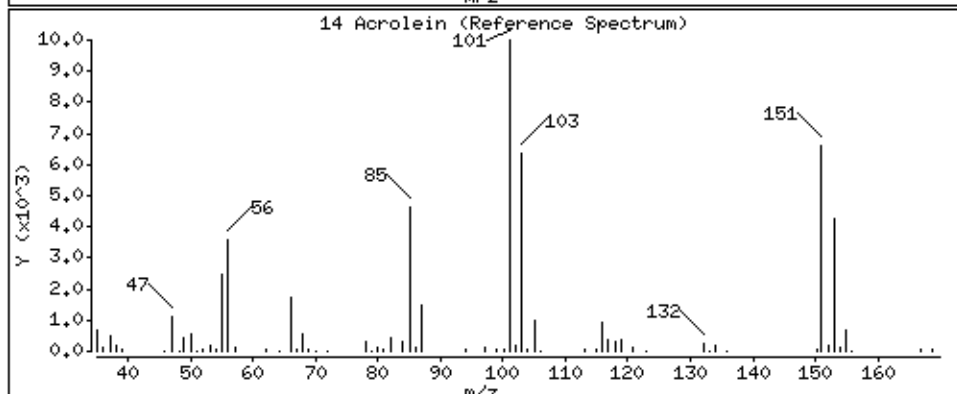
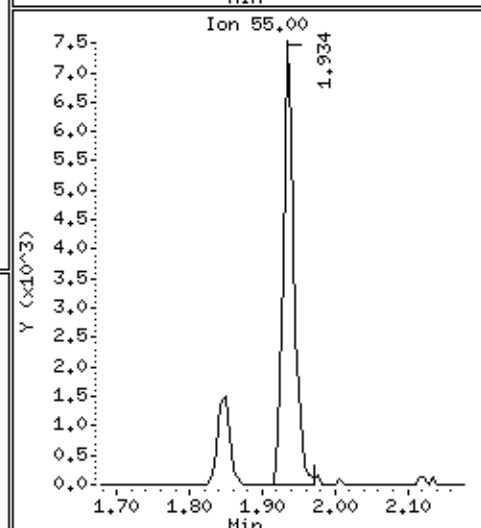
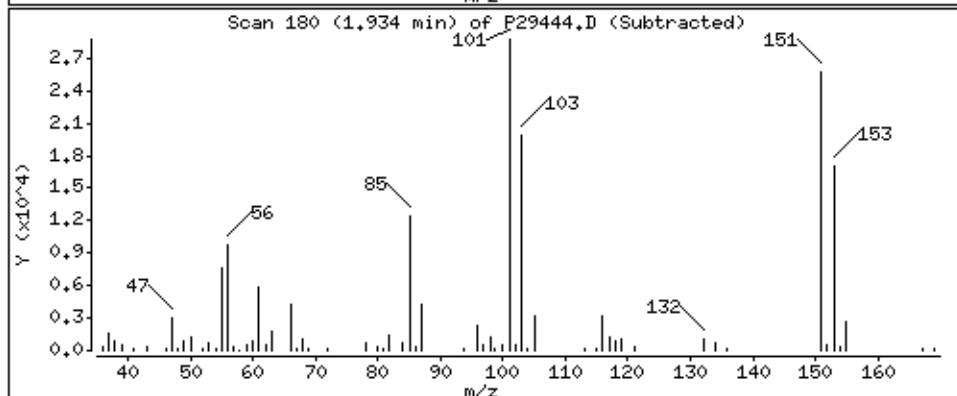
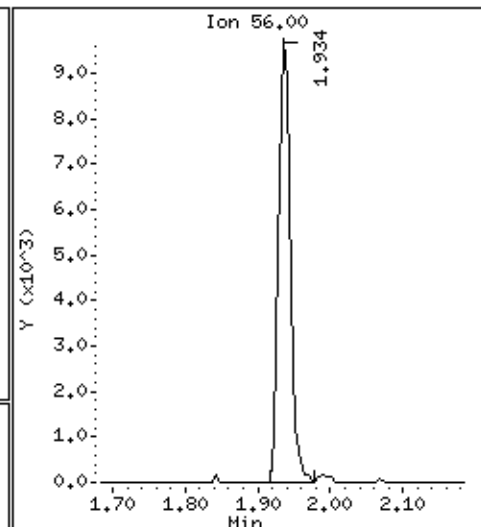
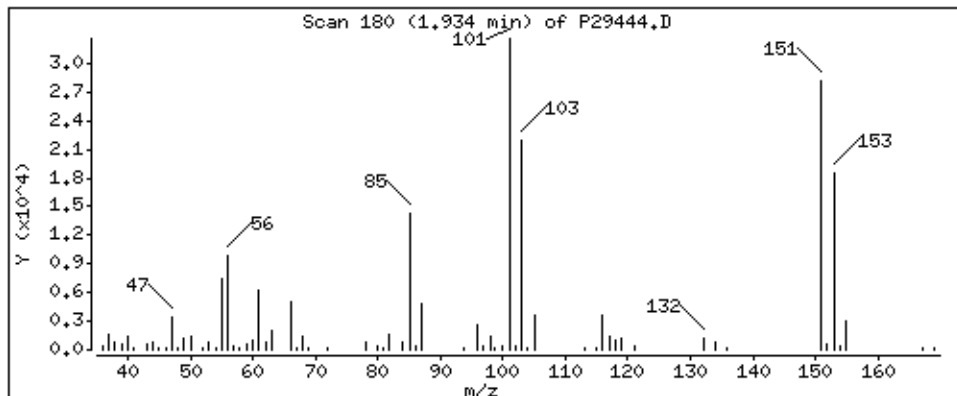
Column phase: RTX-624

Column diameter: 0.18

14 Acrolein

Concentration: 48.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

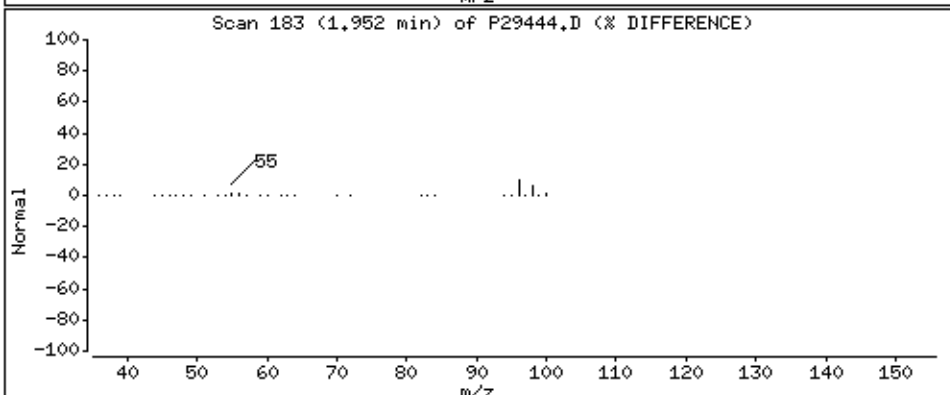
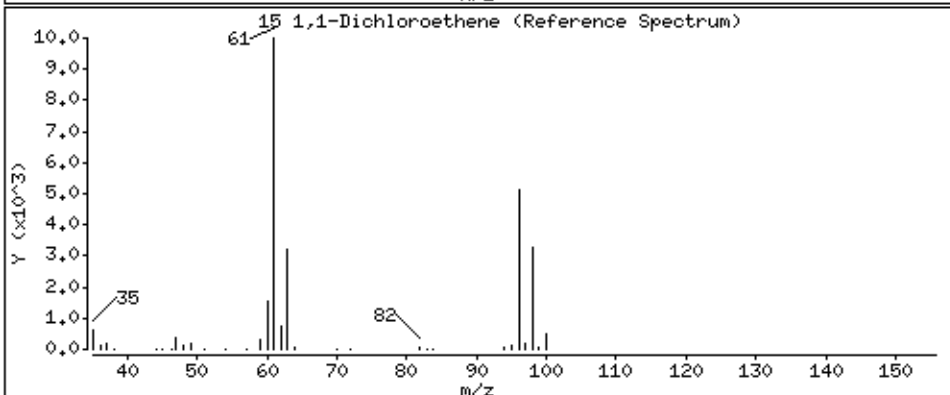
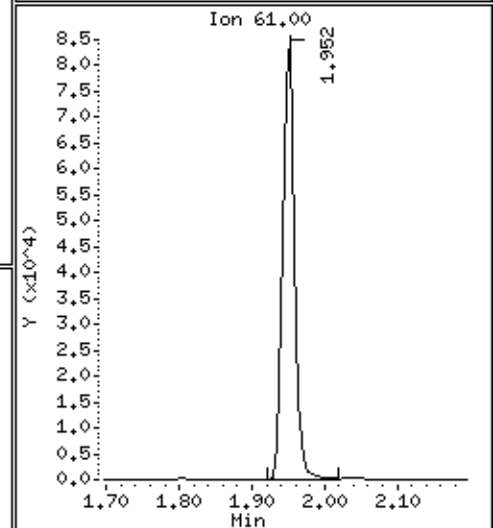
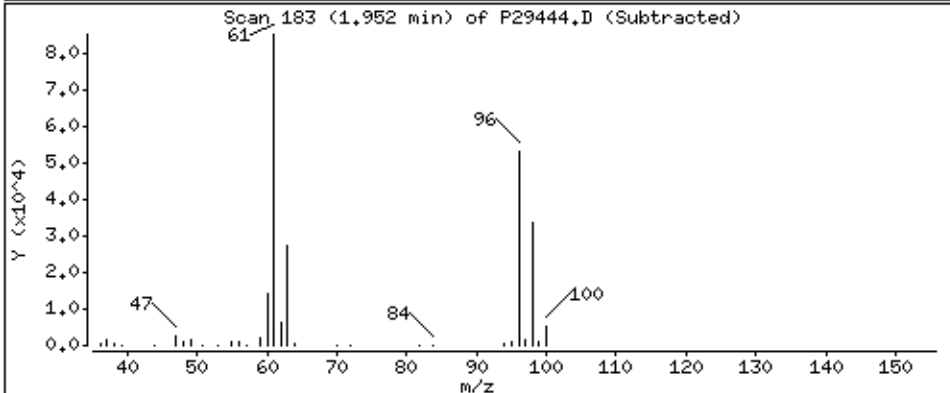
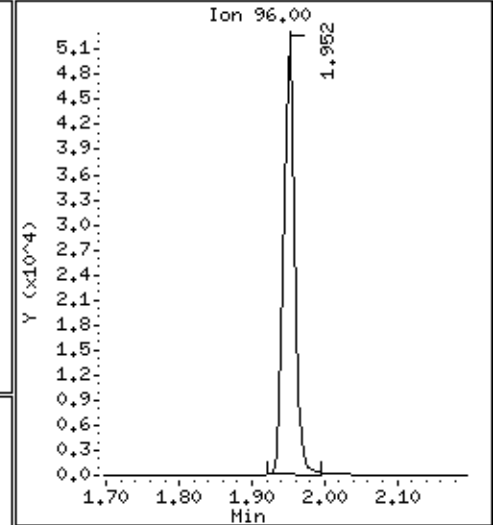
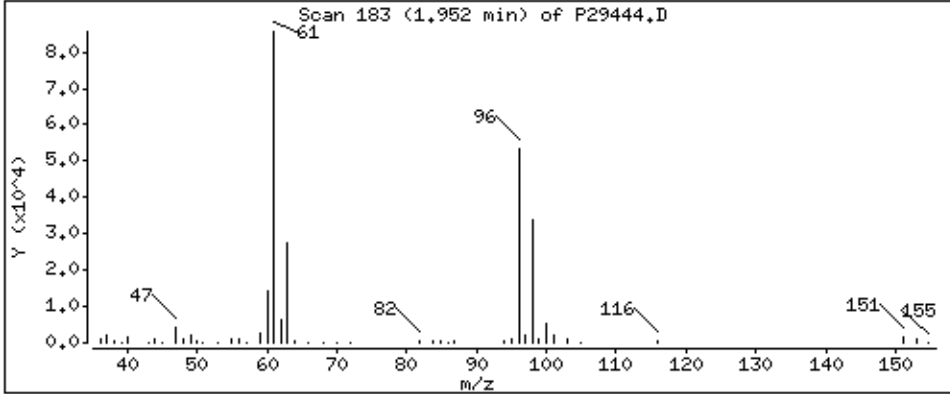
Column phase: RTX-624

Column diameter: 0.18

15 1,1-Dichloroethene

Concentration: 39.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

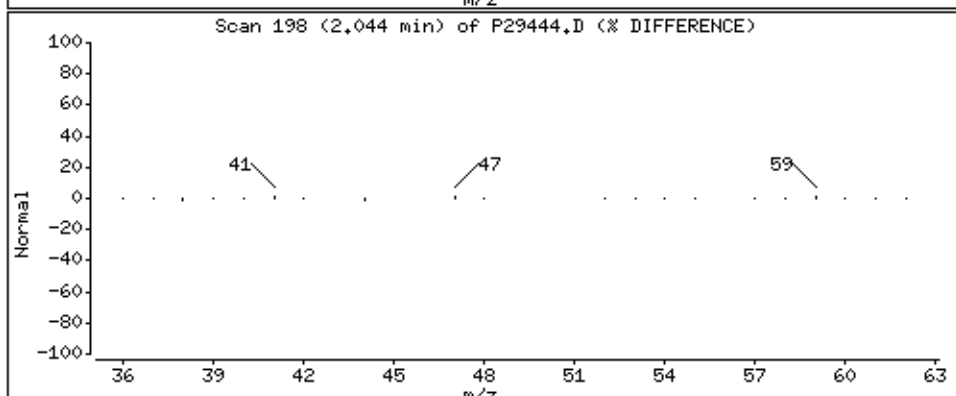
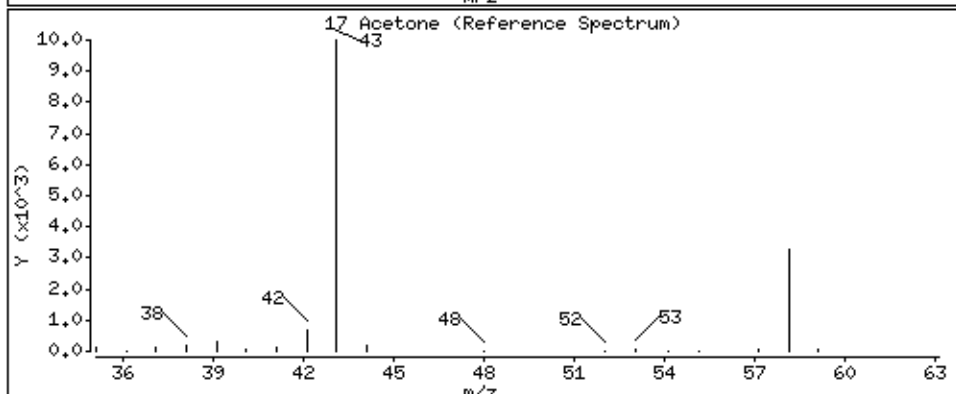
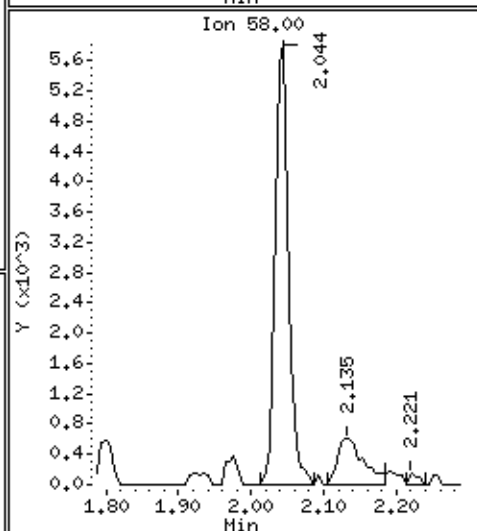
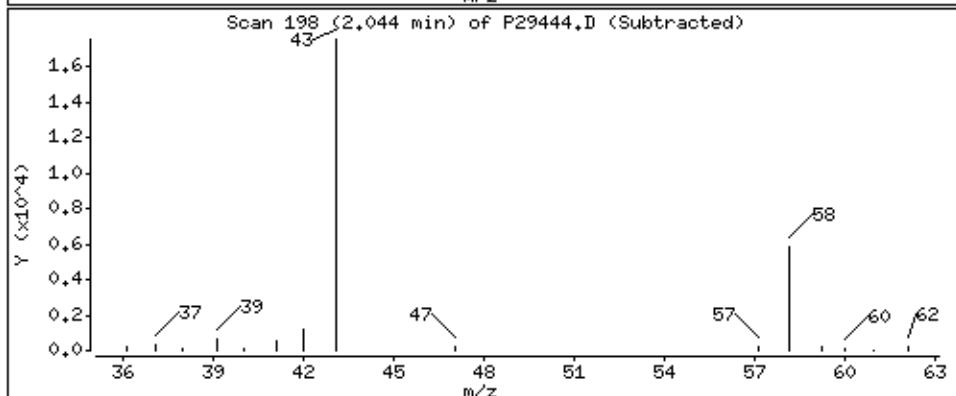
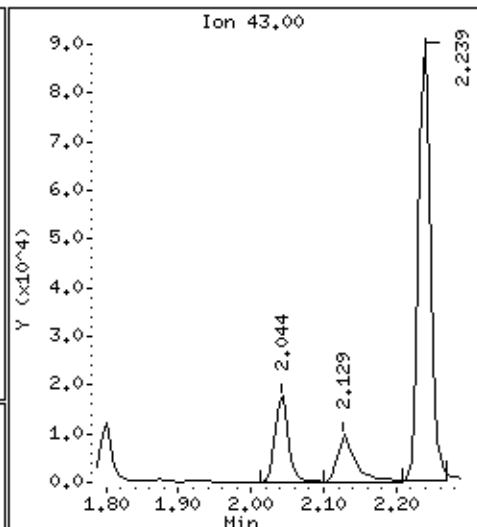
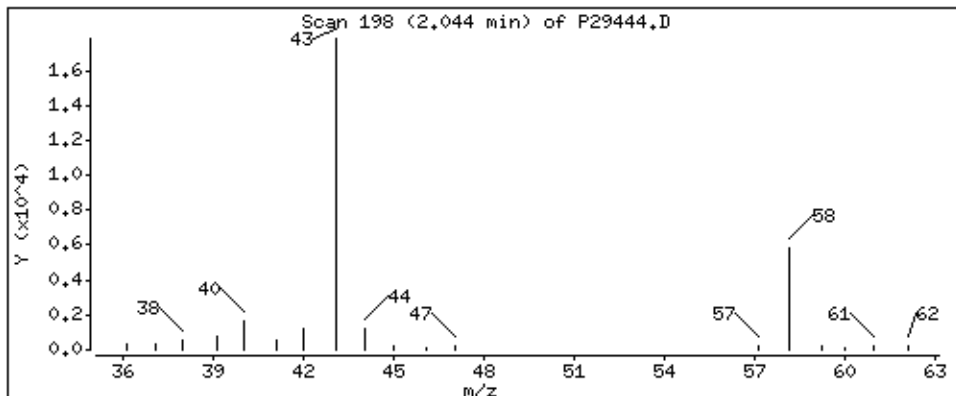
Column phase: RTX-624

Column diameter: 0,18

17 Acetone

Concentration: 69,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

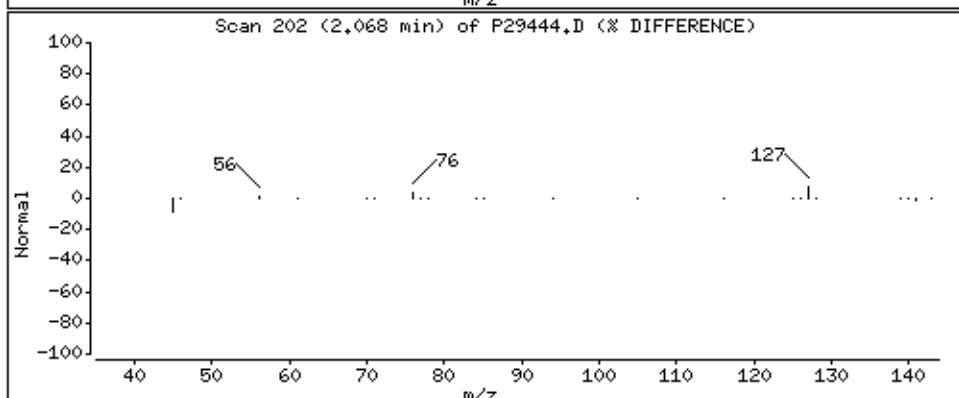
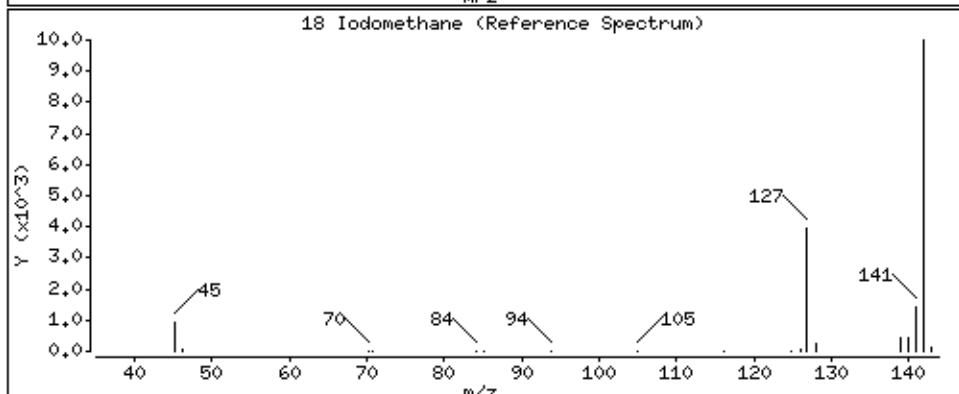
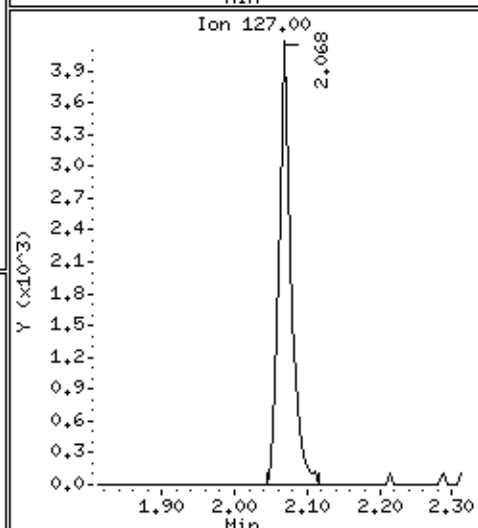
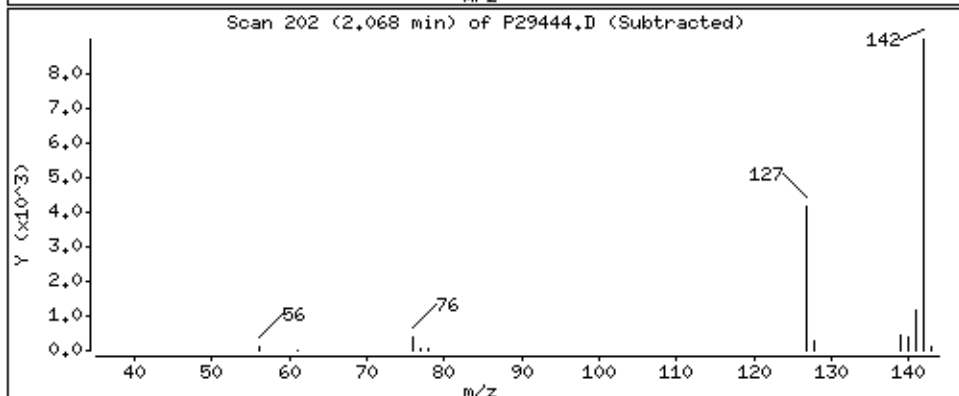
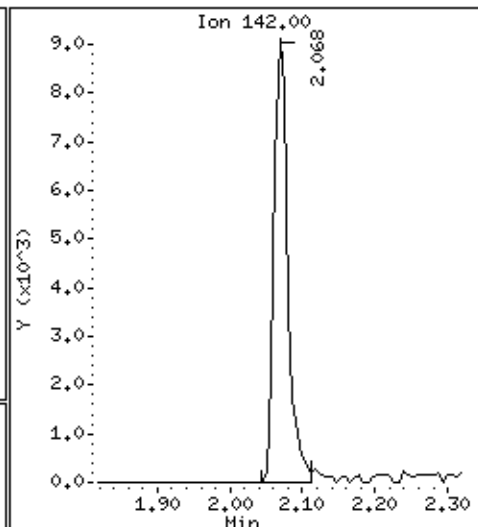
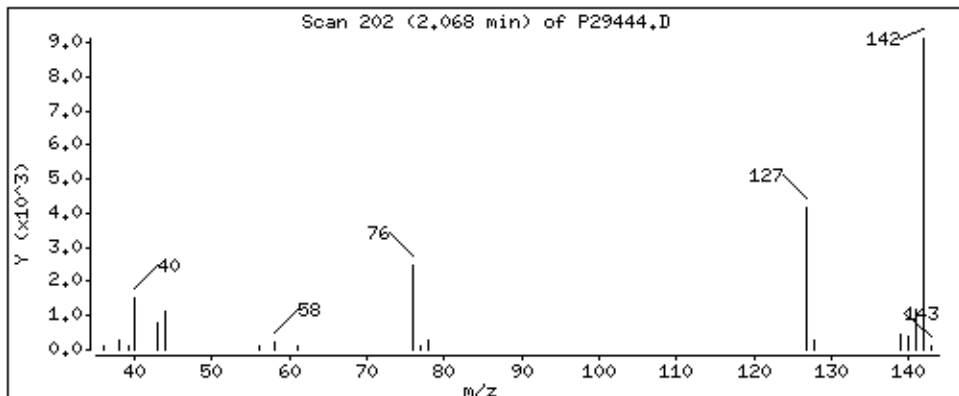
Column phase: RTX-624

Column diameter: 0,18

18 Iodomethane

Concentration: 29,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

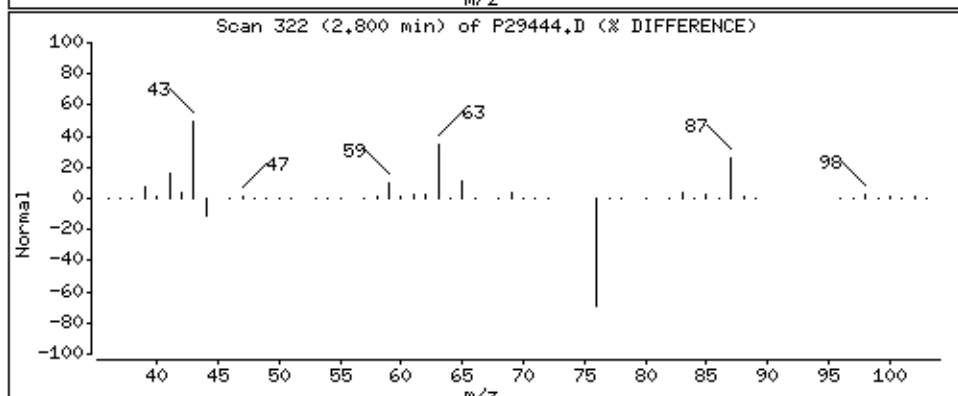
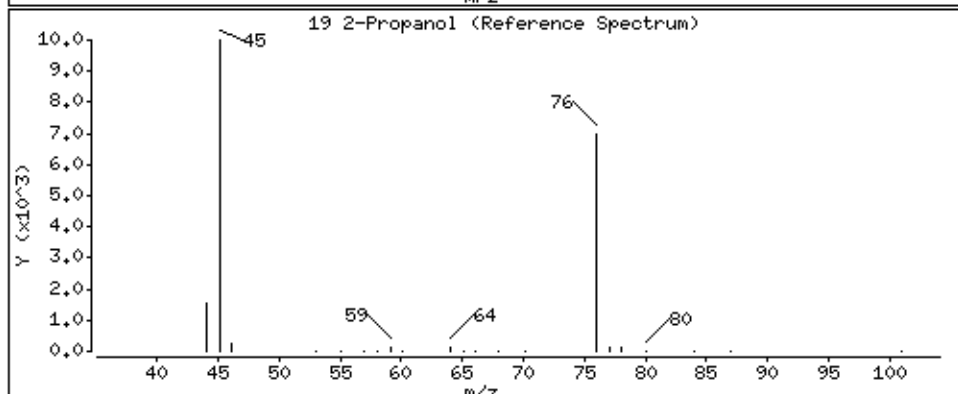
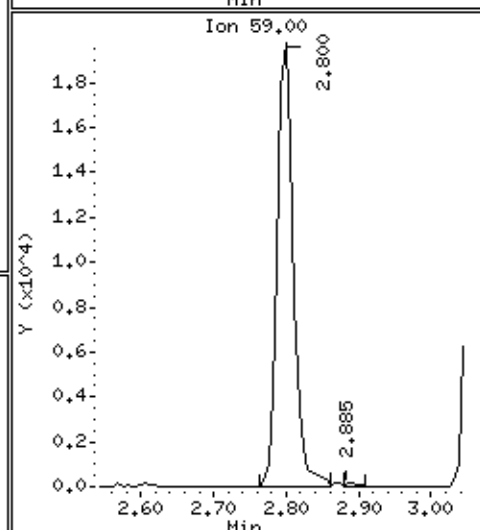
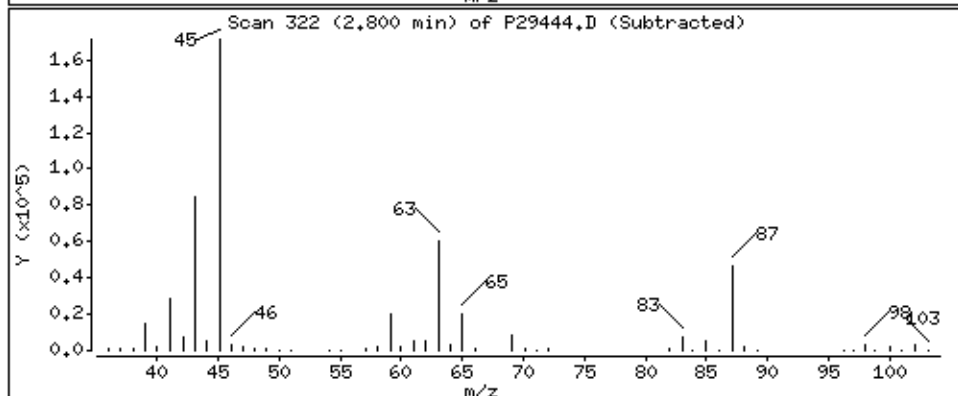
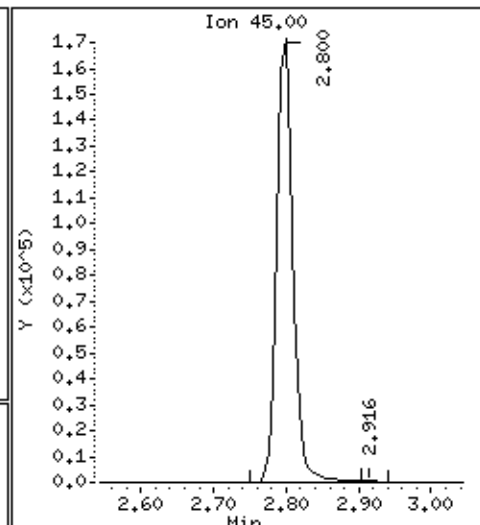
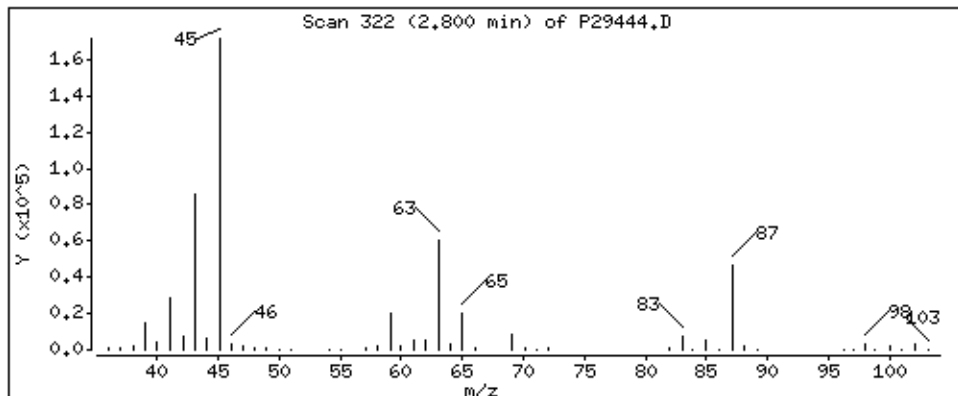
Column phase: RTX-624

Column diameter: 0.18

19 2-Propanol

Concentration: 1240 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

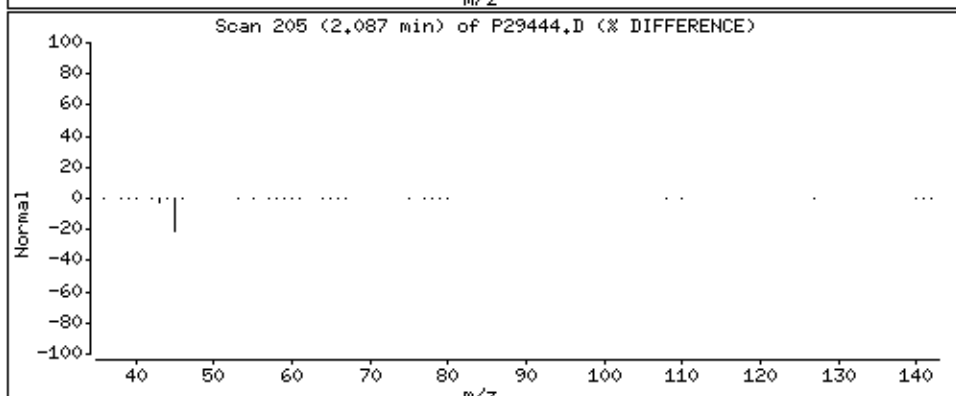
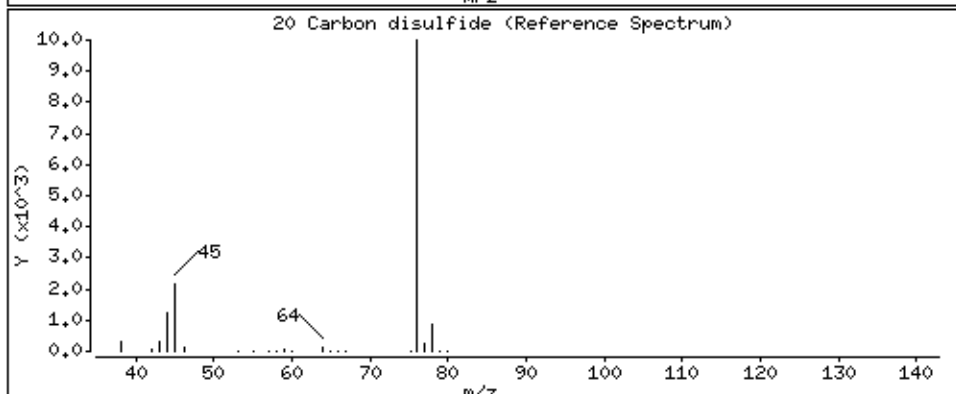
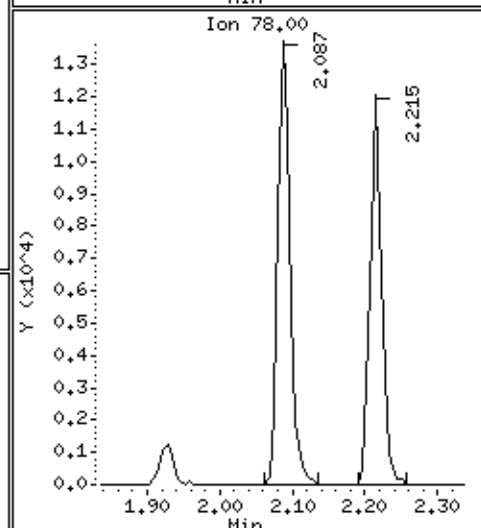
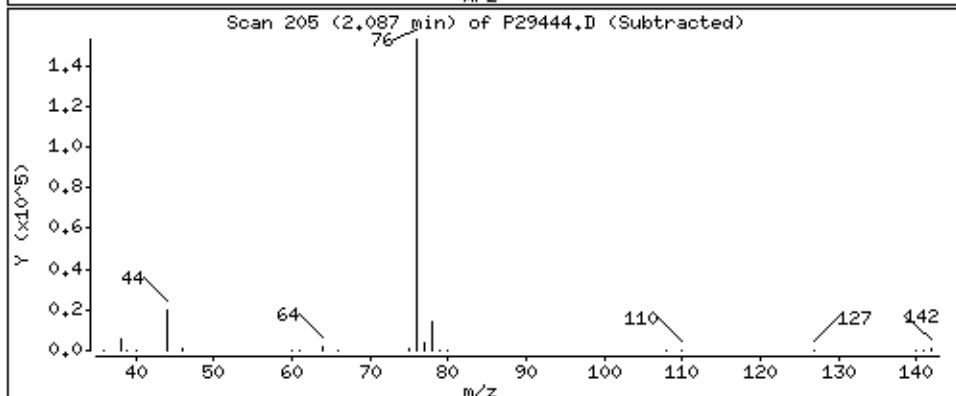
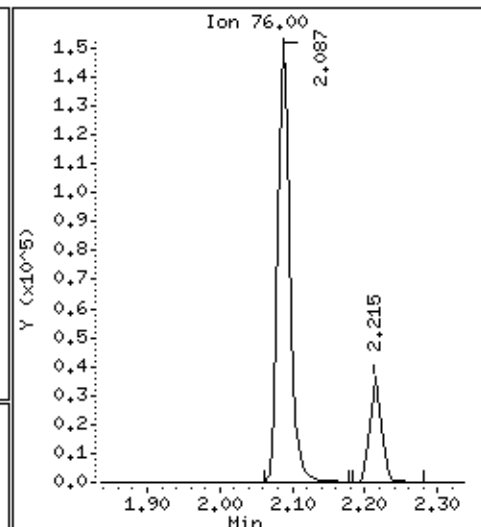
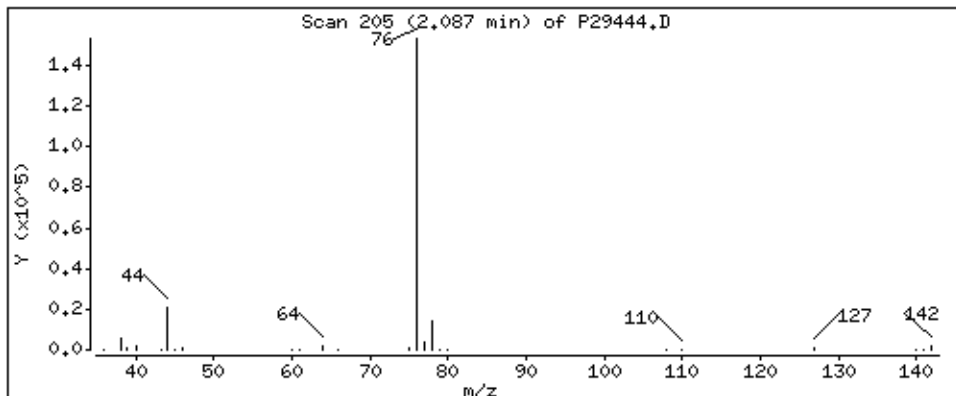
Column phase: RTX-624

Column diameter: 0,18

20 Carbon disulfide

Concentration: 40,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

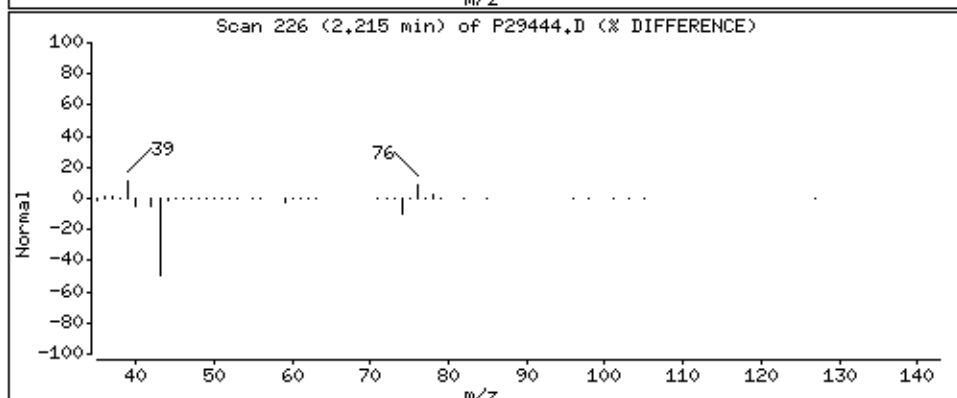
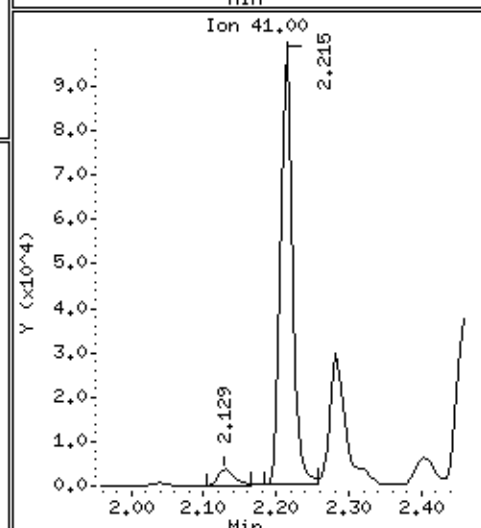
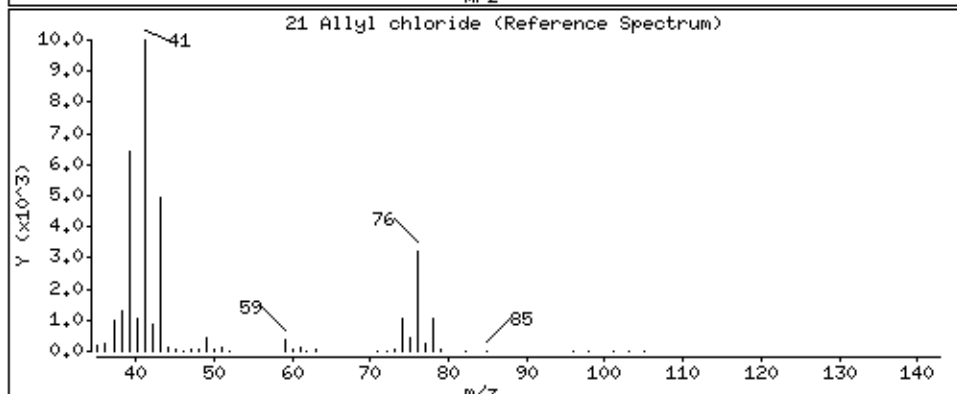
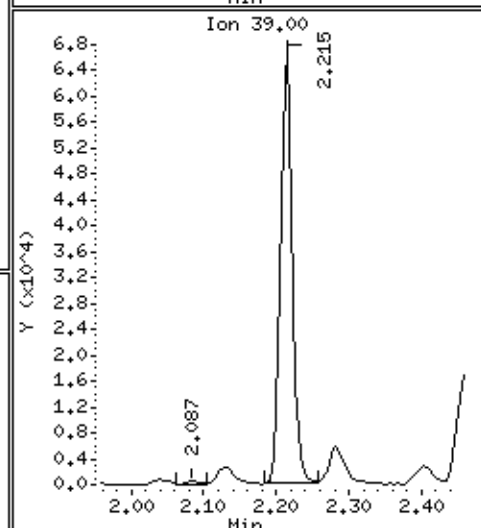
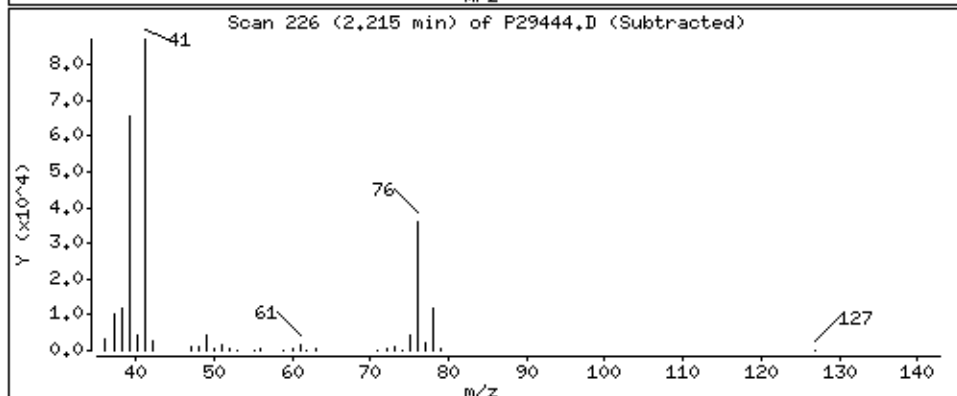
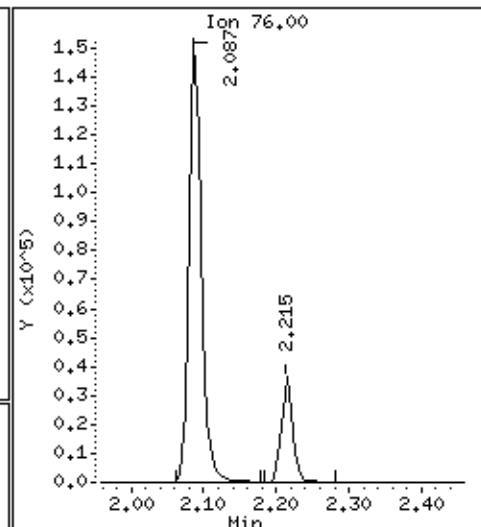
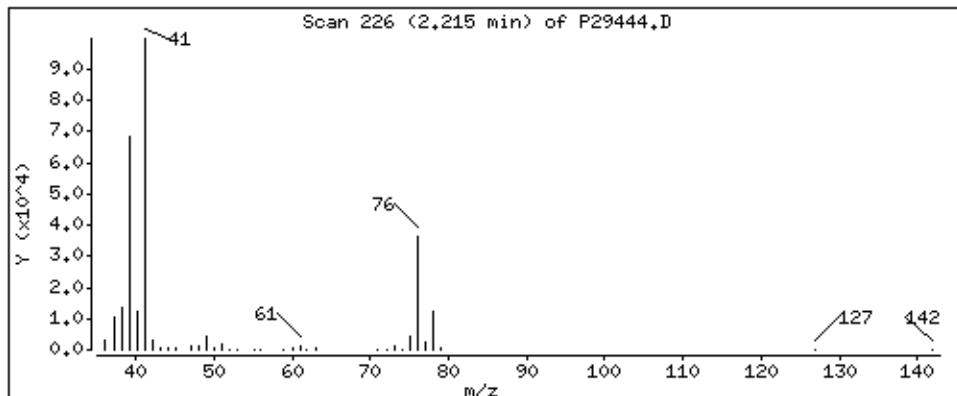
Column phase: RTX-624

Column diameter: 0,18

21 Allyl chloride

Concentration: 42.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

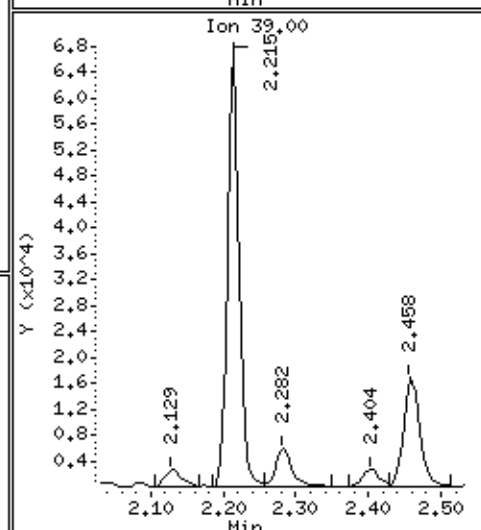
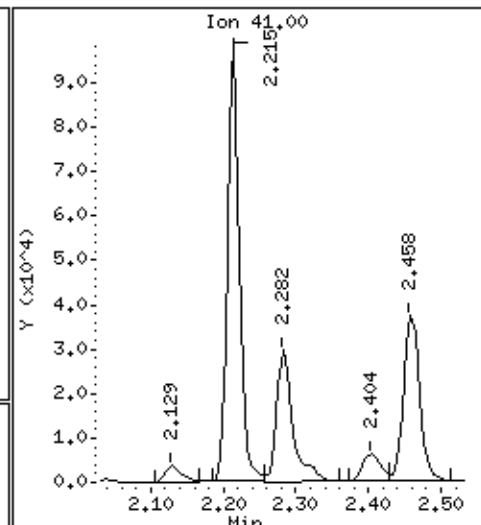
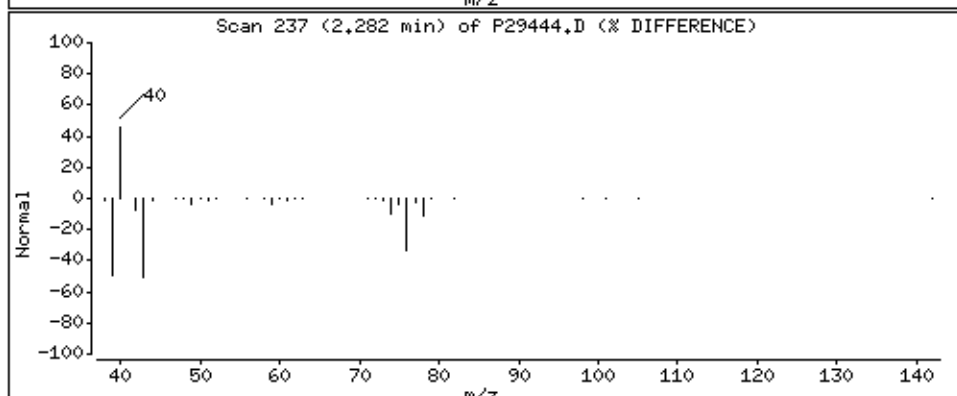
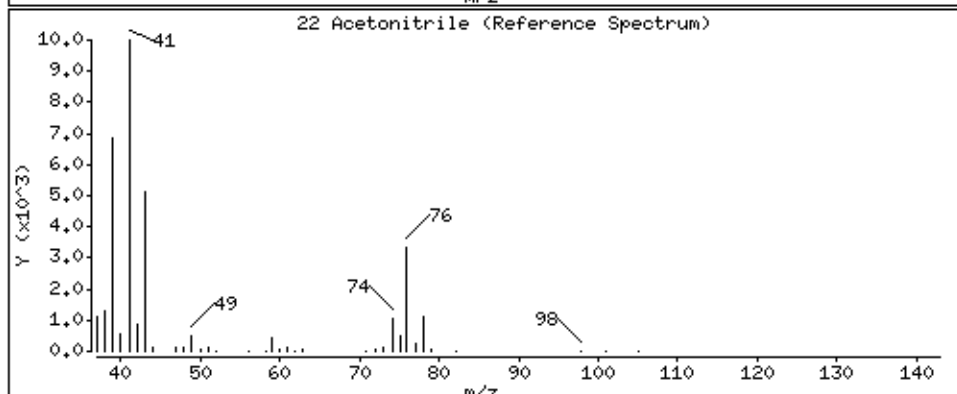
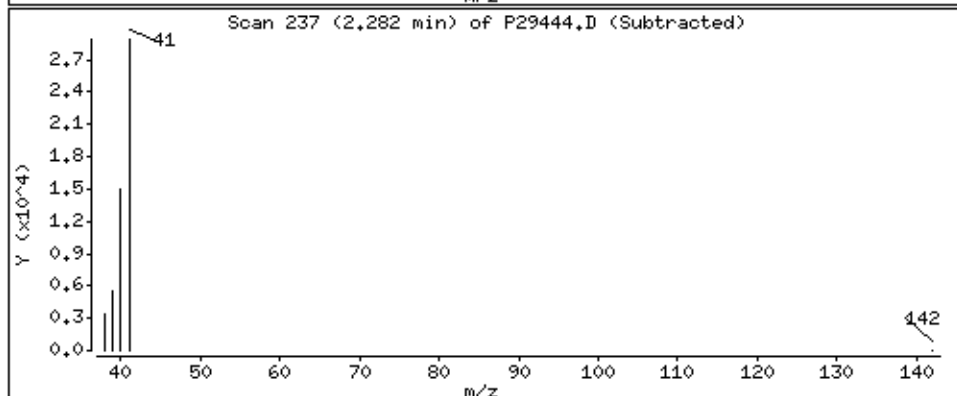
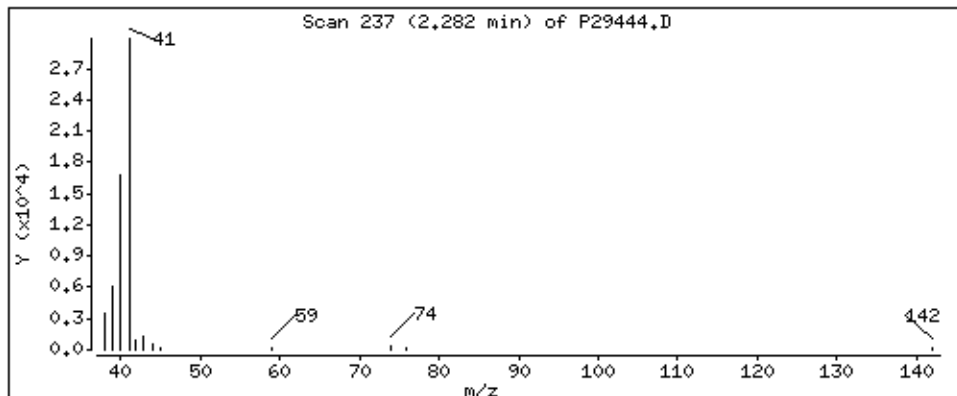
Column phase: RTX-624

Column diameter: 0,18

22 Acetonitrile

Concentration: 307 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

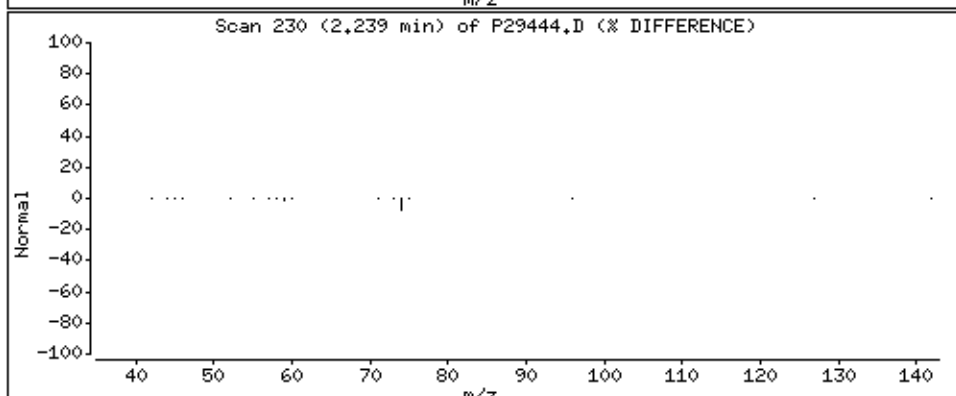
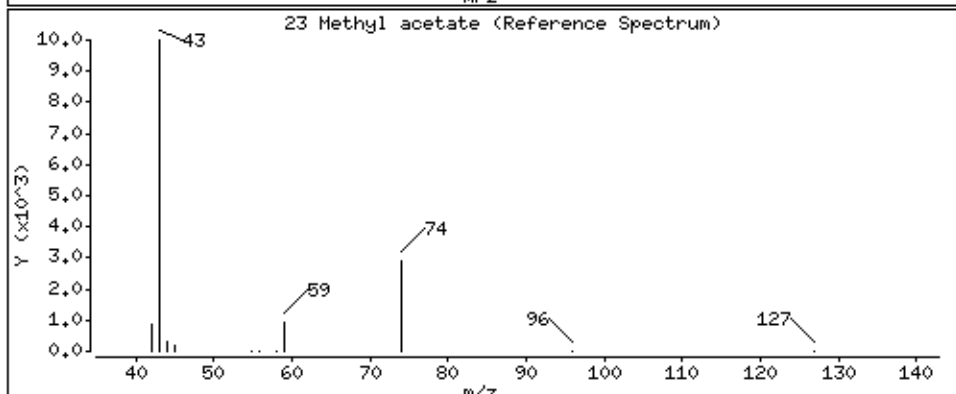
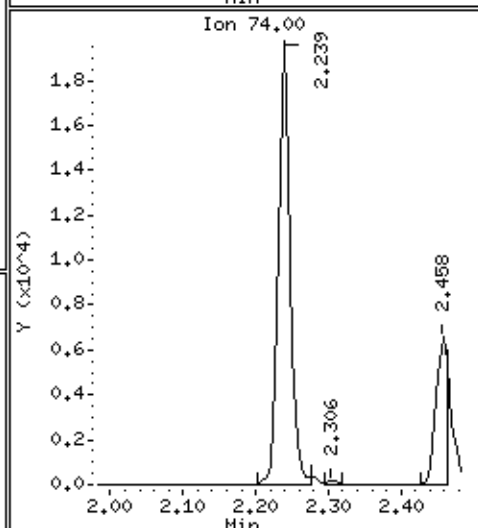
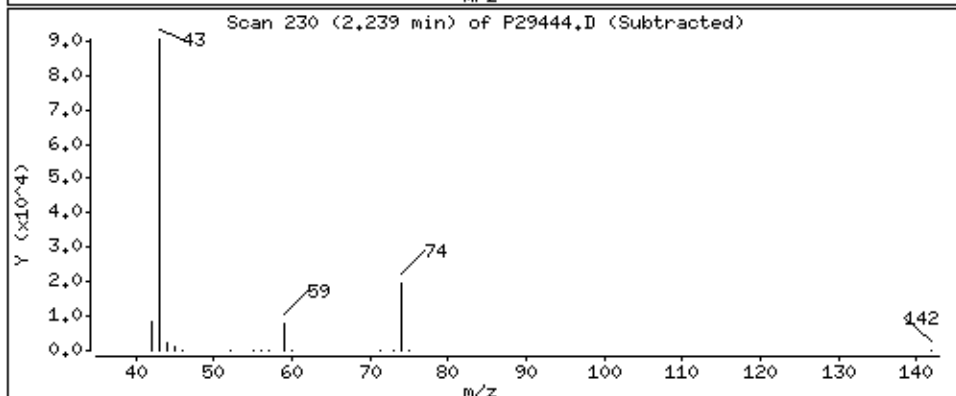
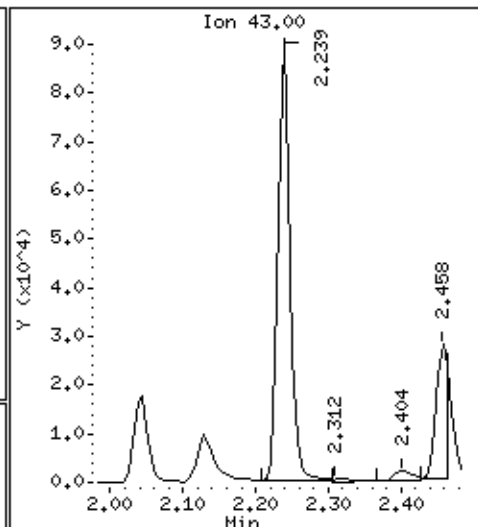
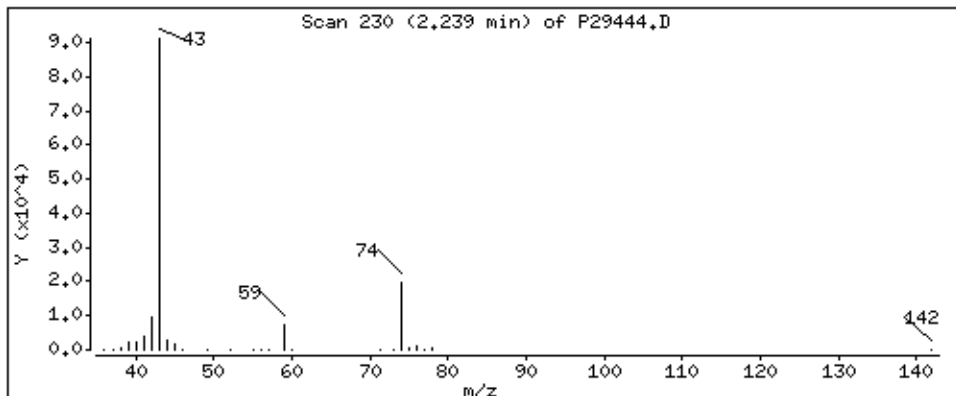
Column phase: RTX-624

Column diameter: 0.18

23 Methyl acetate

Concentration: 101 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

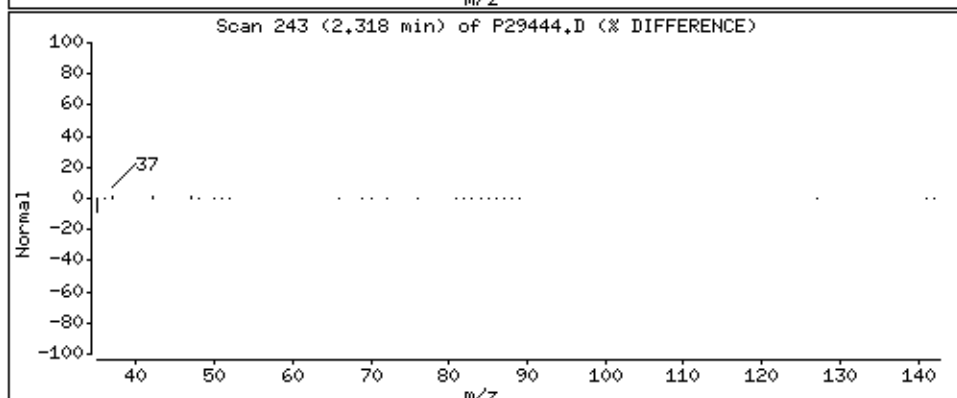
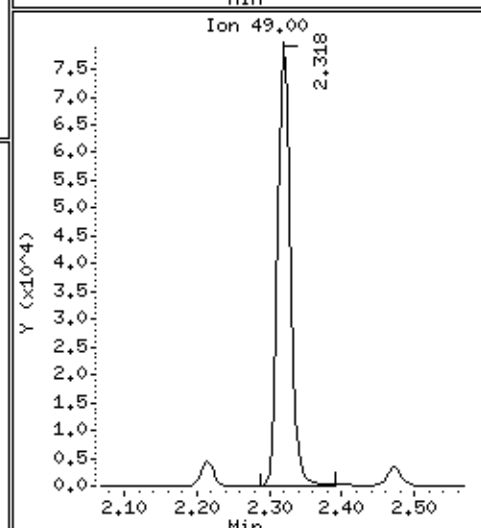
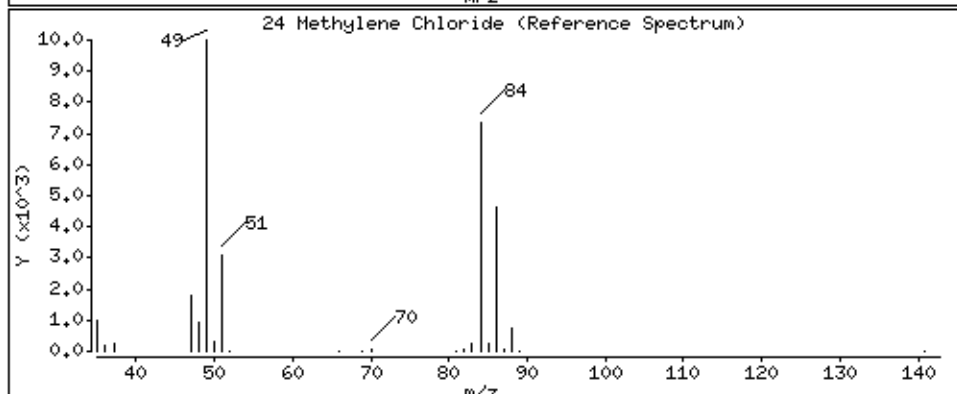
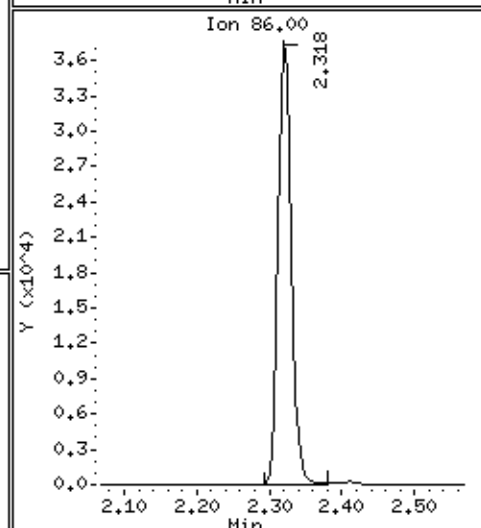
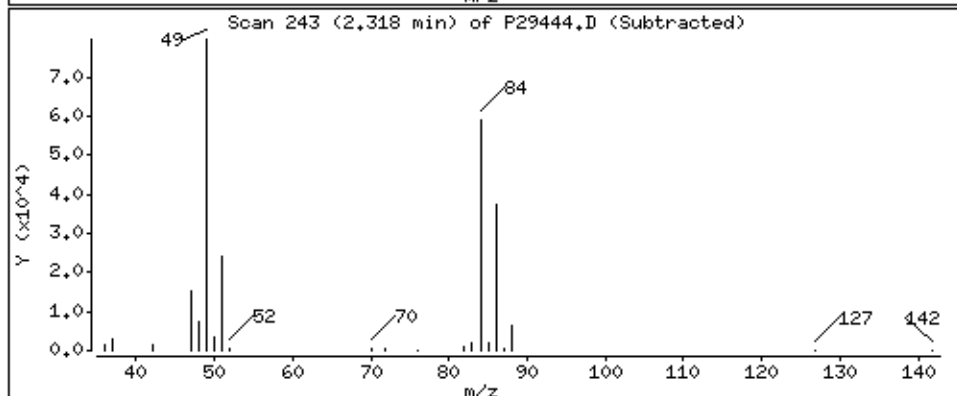
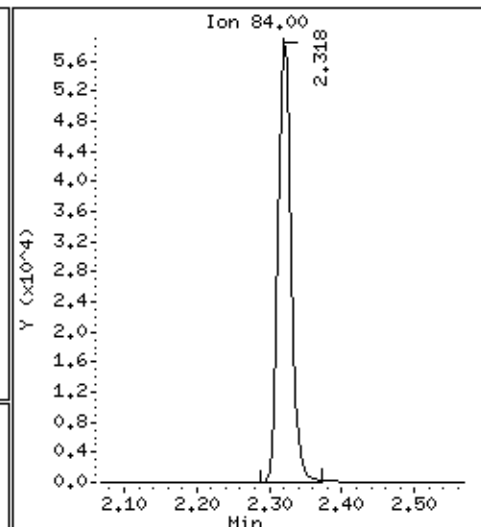
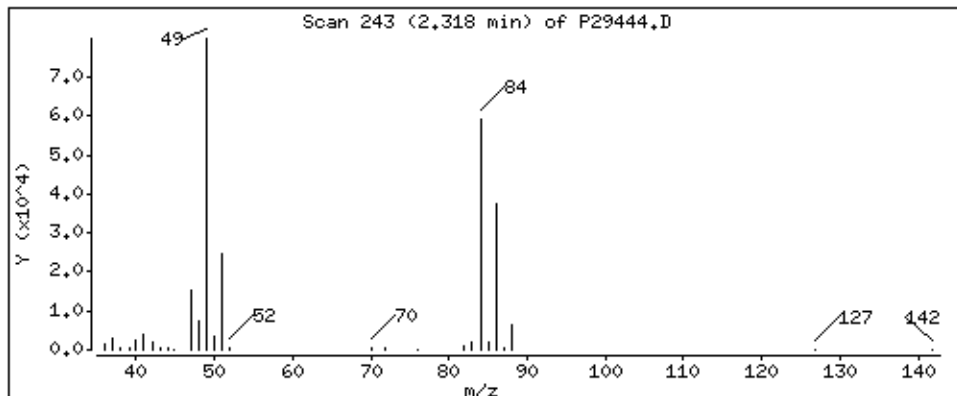
Column phase: RTX-624

Column diameter: 0,18

24 Methylene Chloride

Concentration: 45,5 ug/L

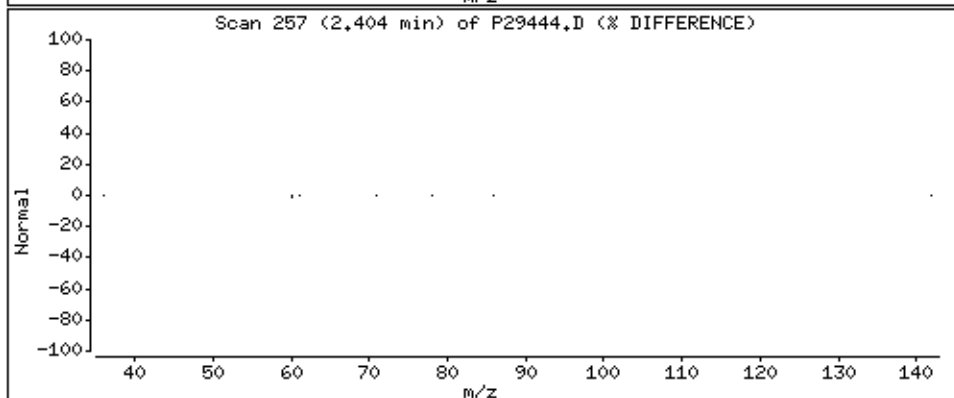
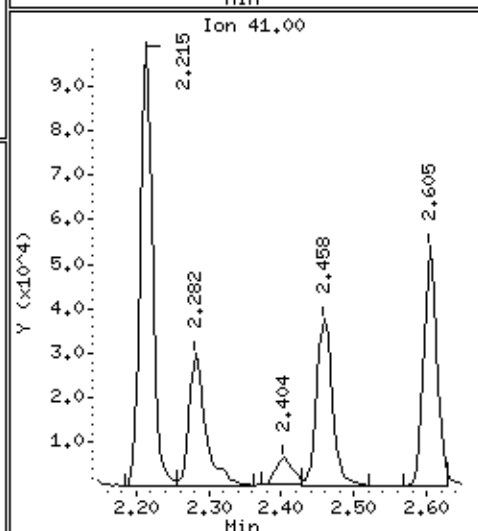
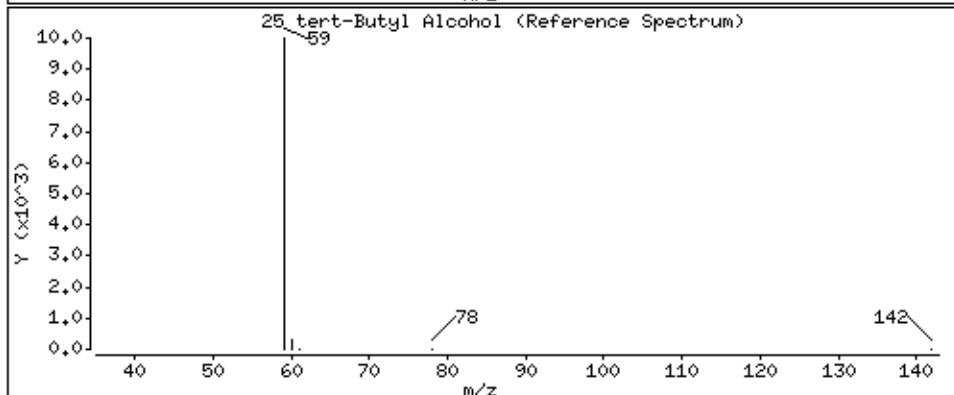
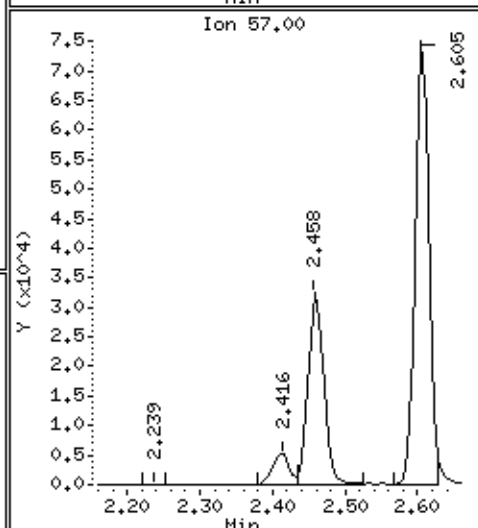
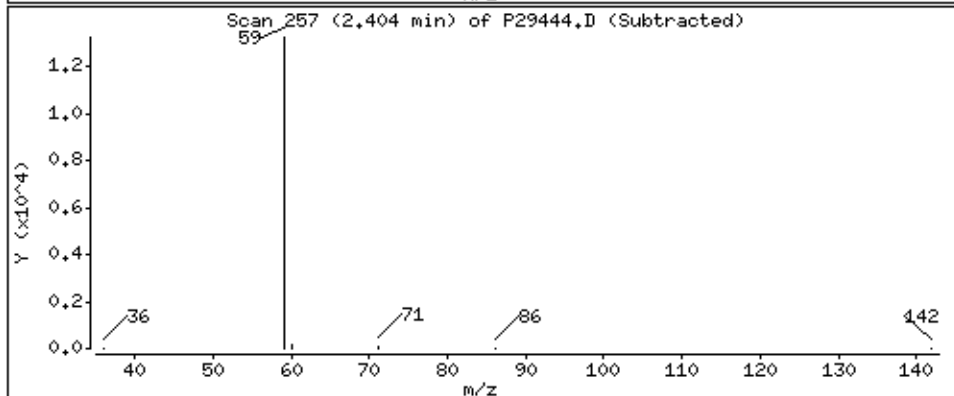
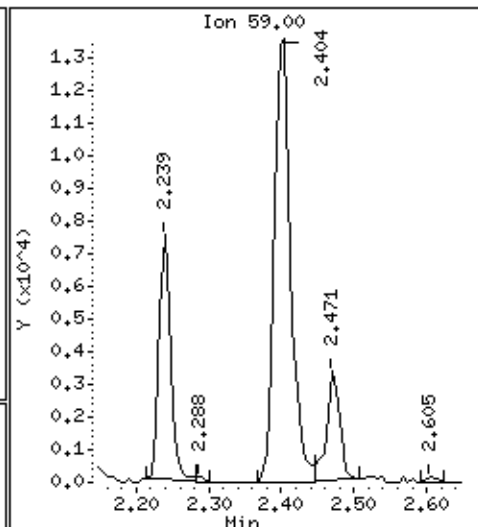
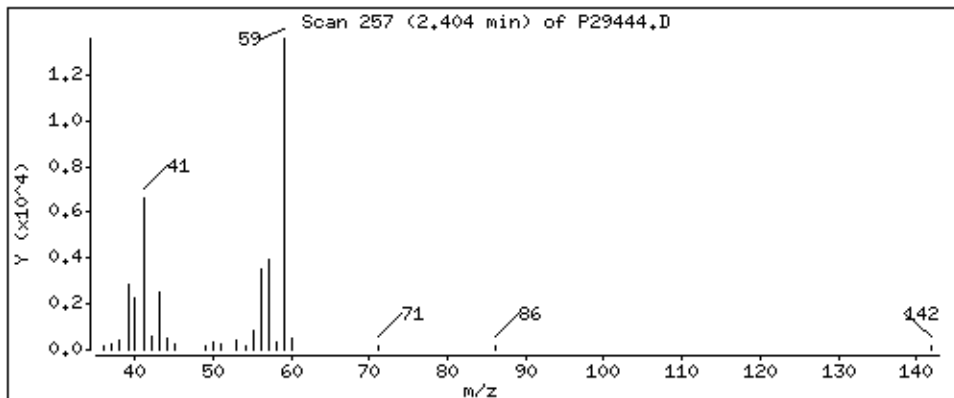
Review Code:



25 tert-Butyl Alcohol

Concentration: 192 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

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Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

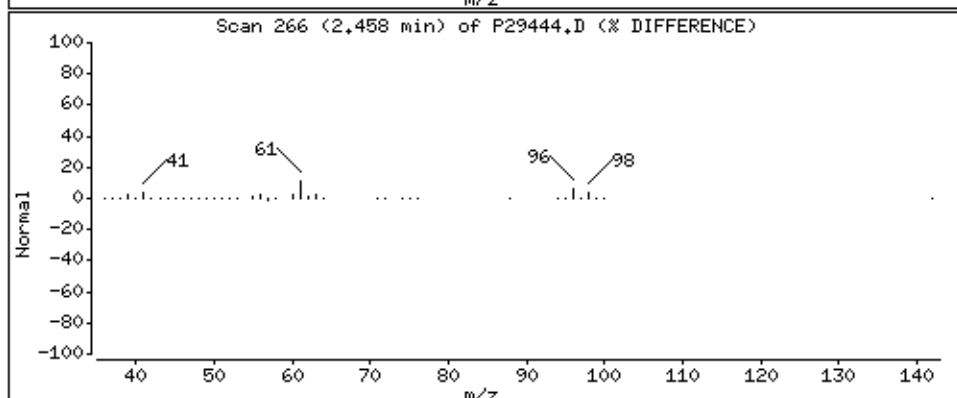
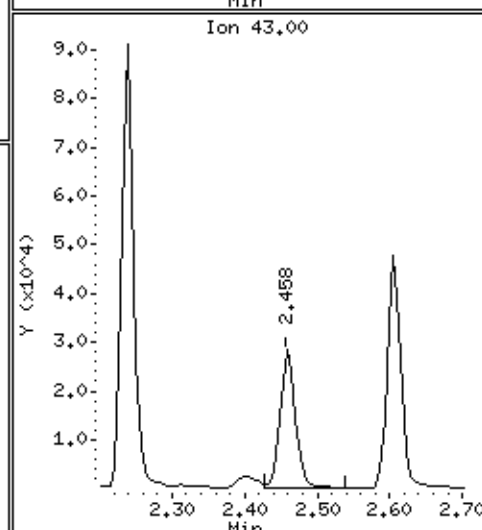
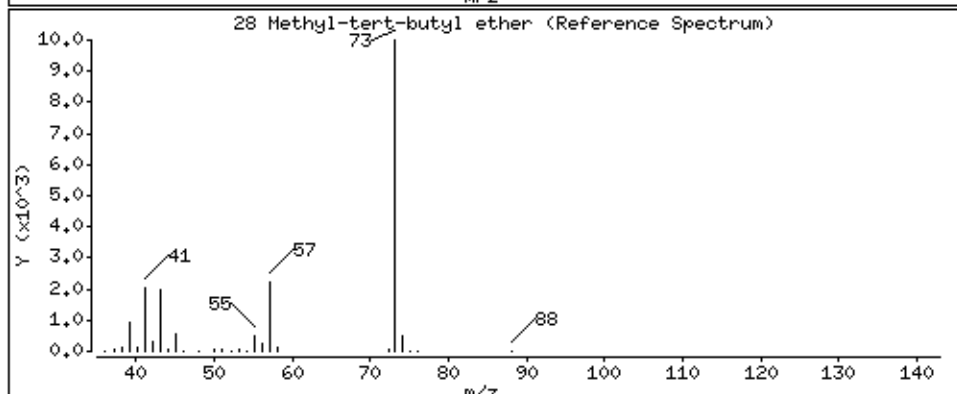
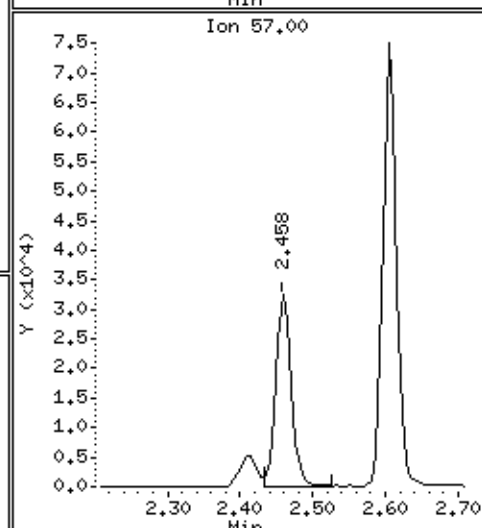
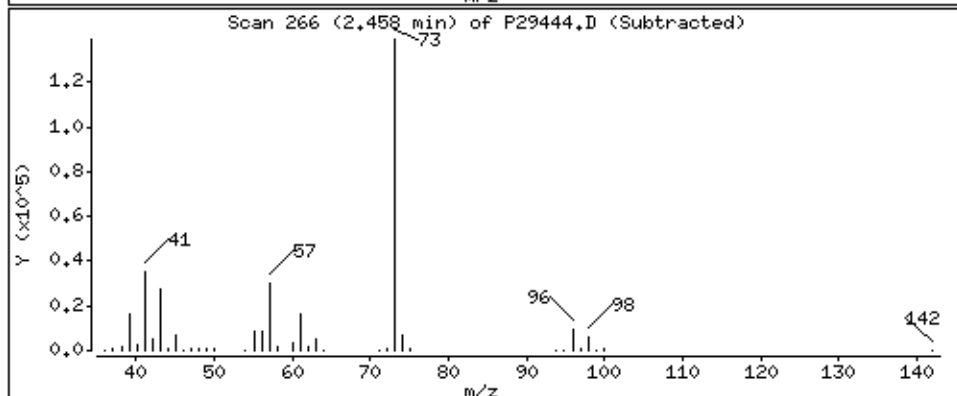
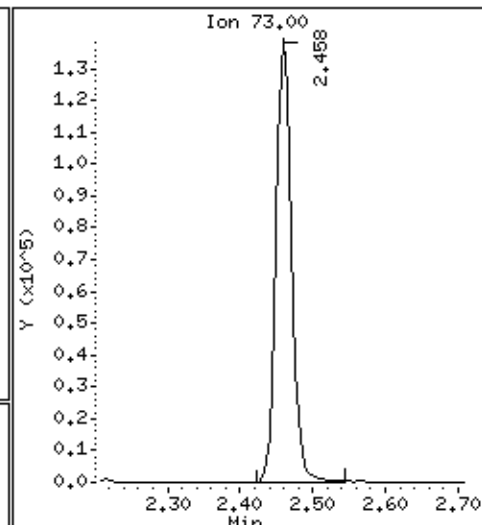
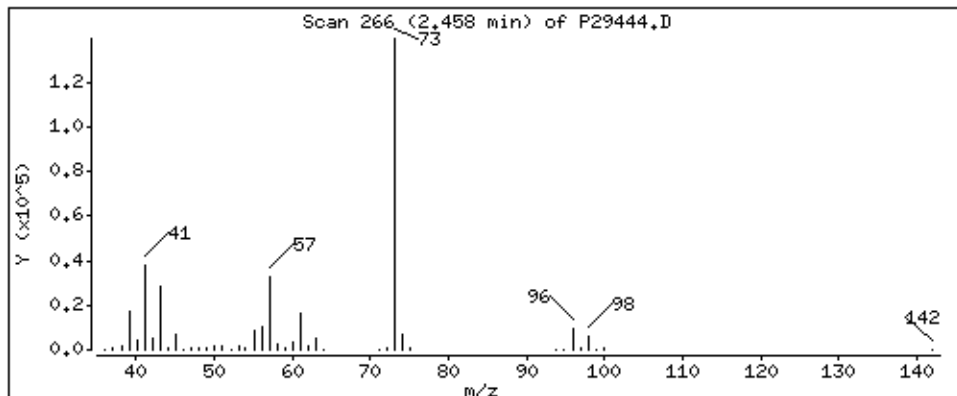
Column phase: RTX-624

Column diameter: 0,18

28 Methyl-tert-butyl ether

Concentration: 41.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5,0

Operator: BBL

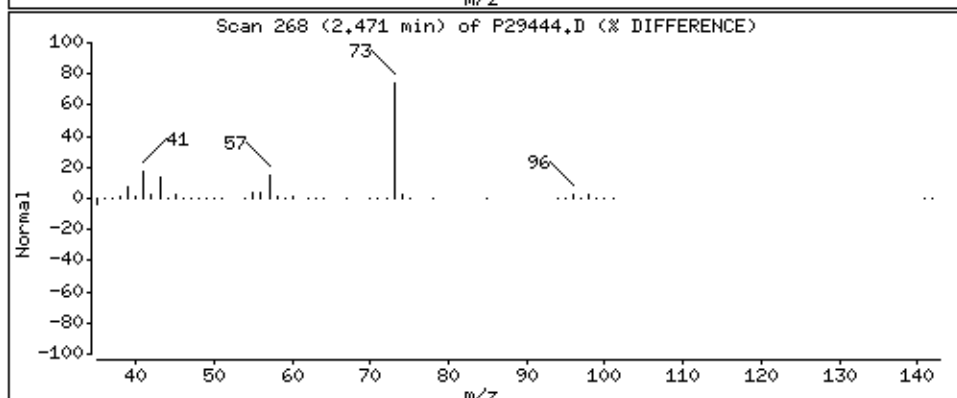
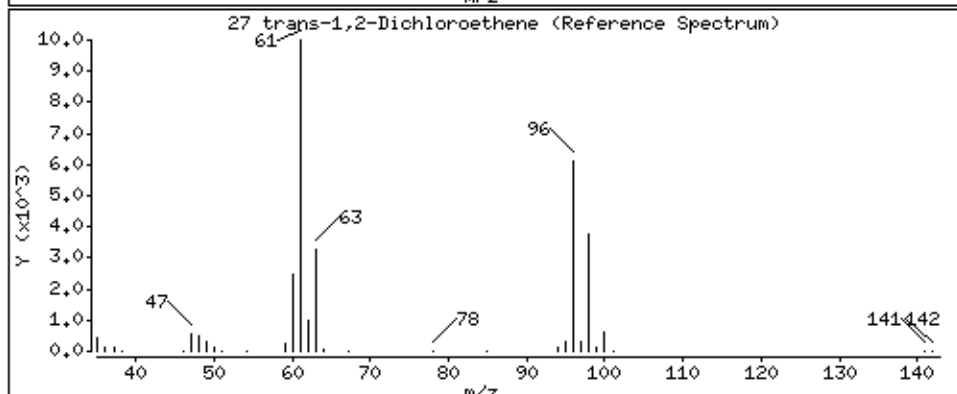
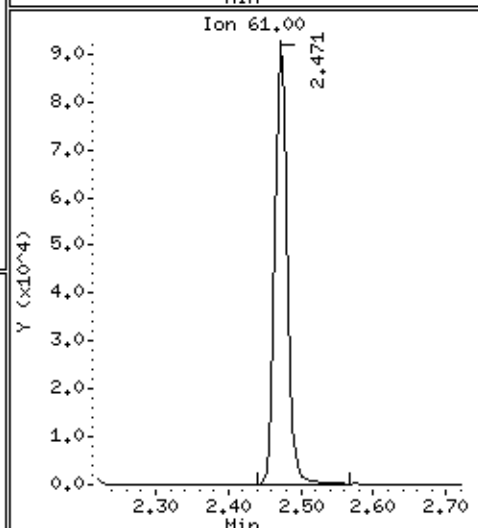
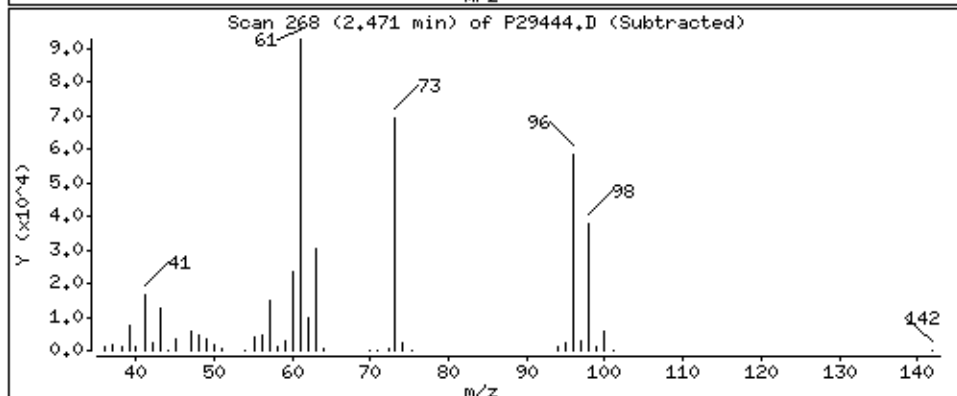
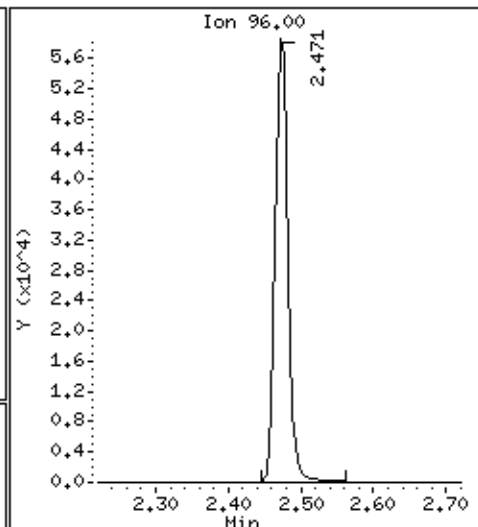
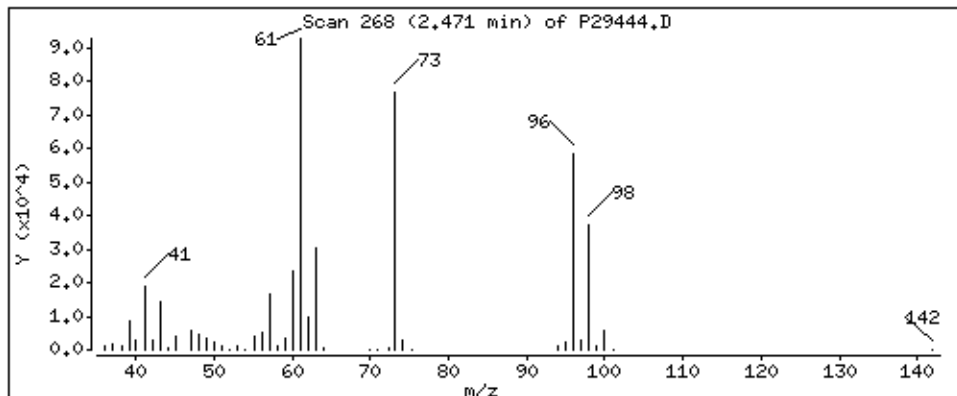
Column phase: RTX-624

Column diameter: 0,18

27 trans-1,2-Dichloroethene

Concentration: 45,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

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Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

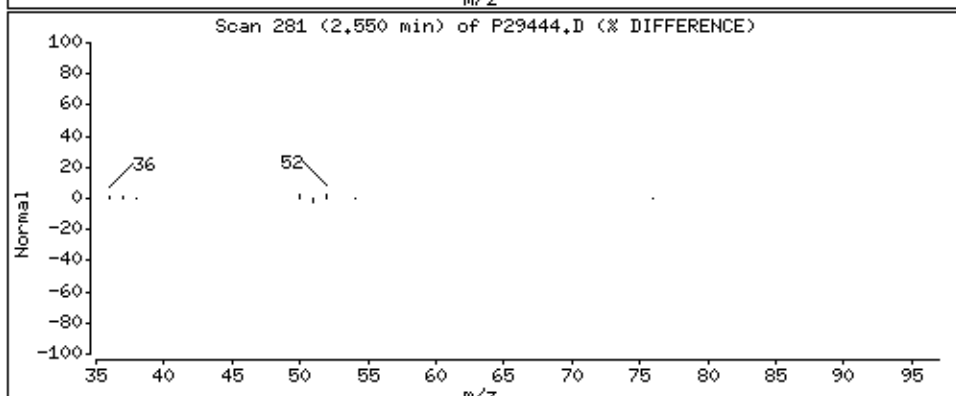
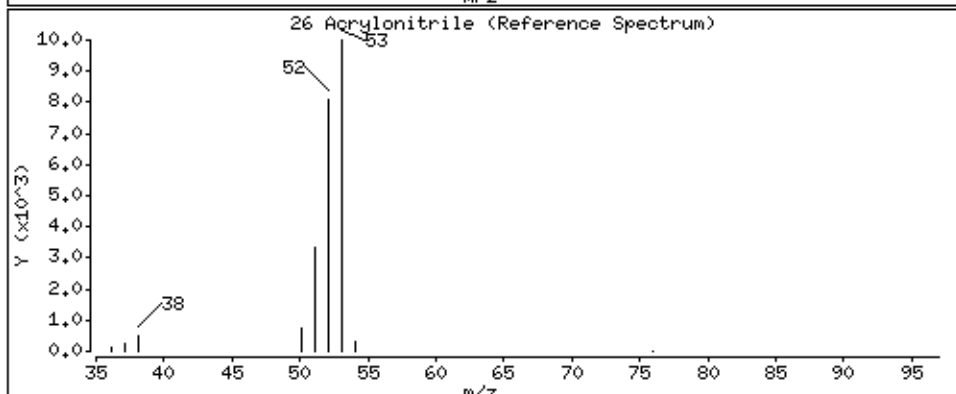
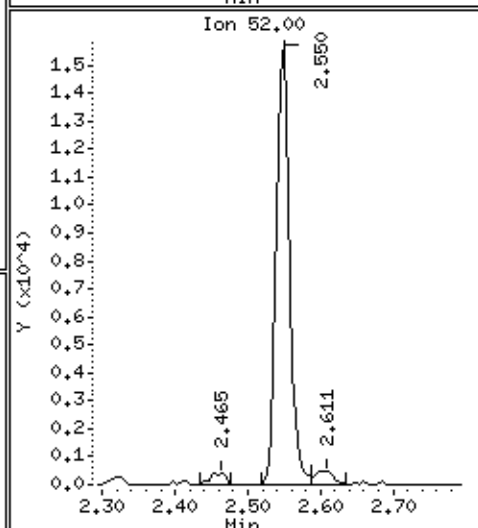
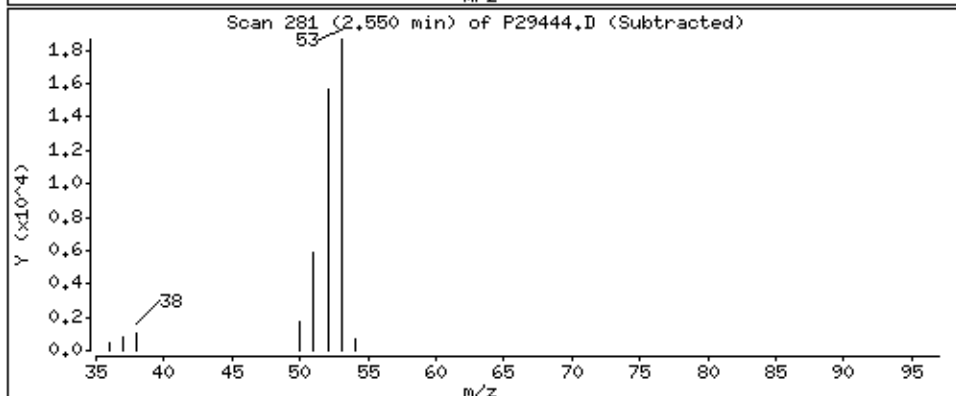
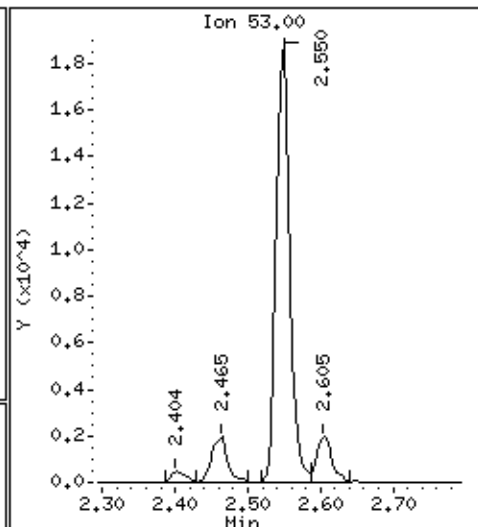
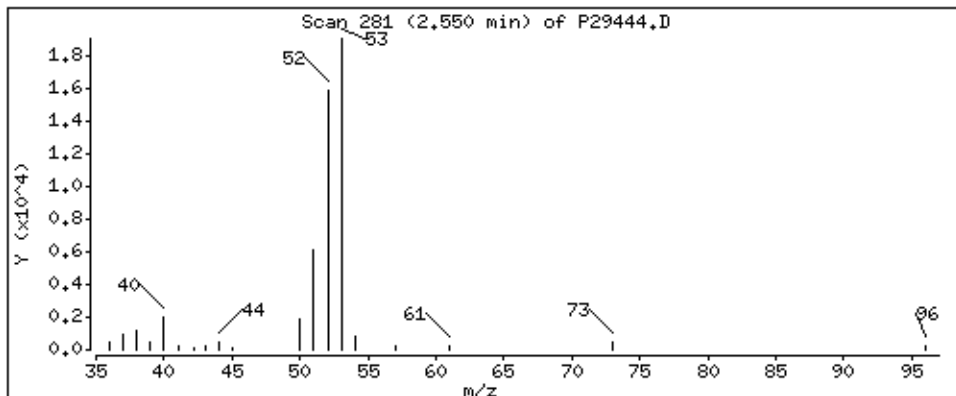
Column phase: RTX-624

Column diameter: 0,18

26 Acrylonitrile

Concentration: 51.6 ug/L

Review Code:



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Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

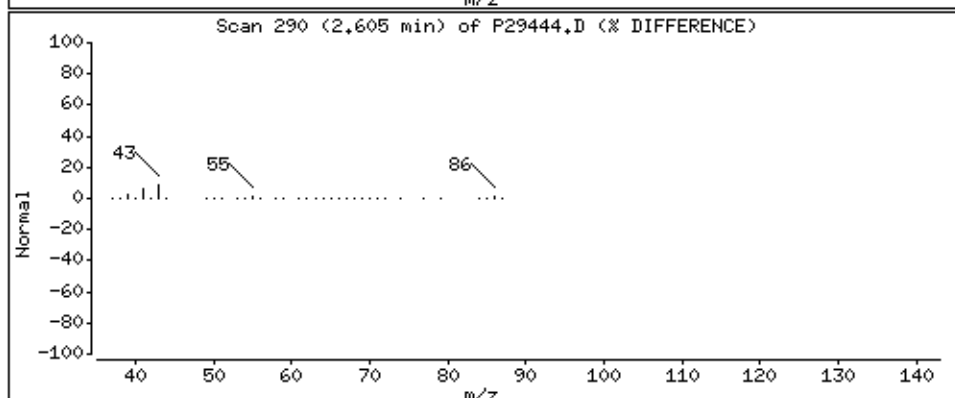
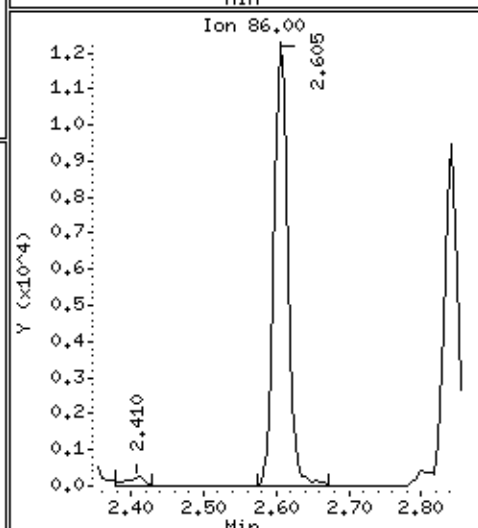
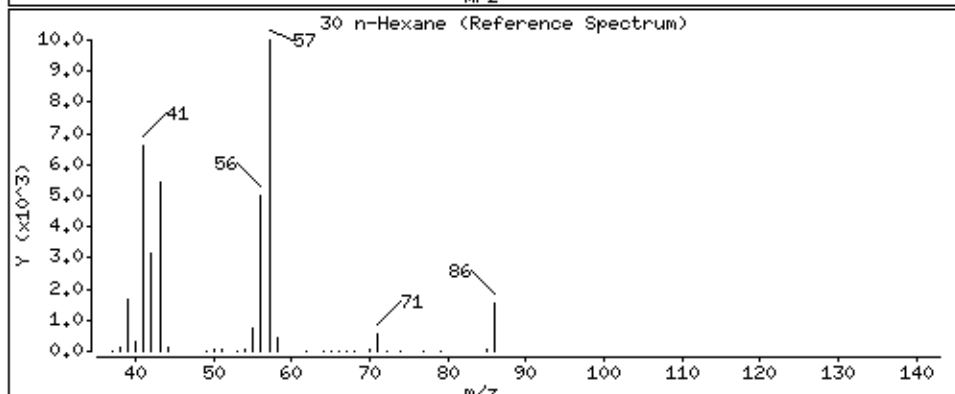
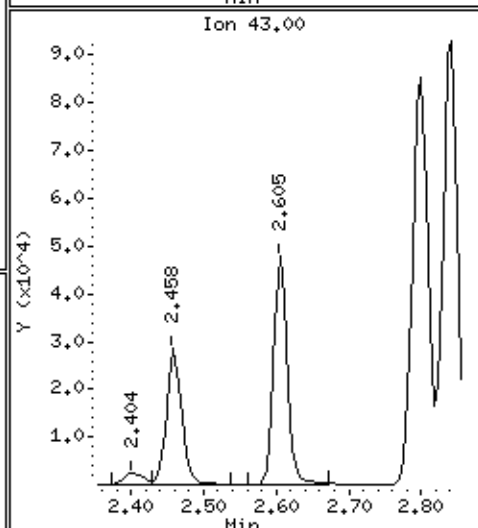
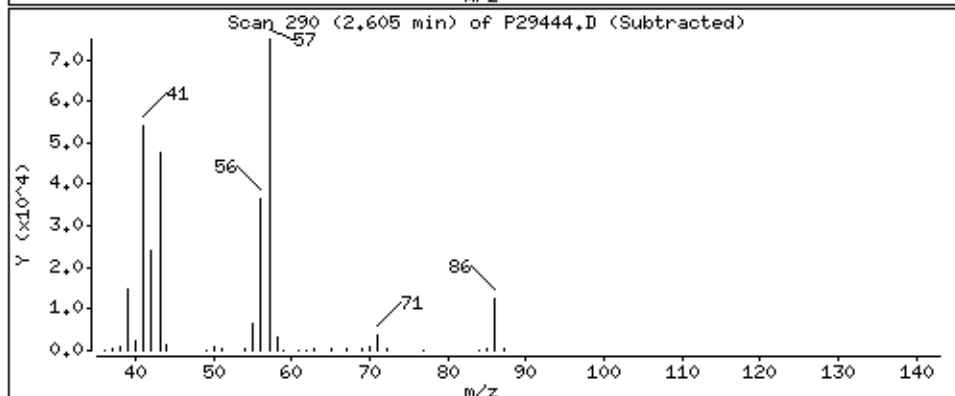
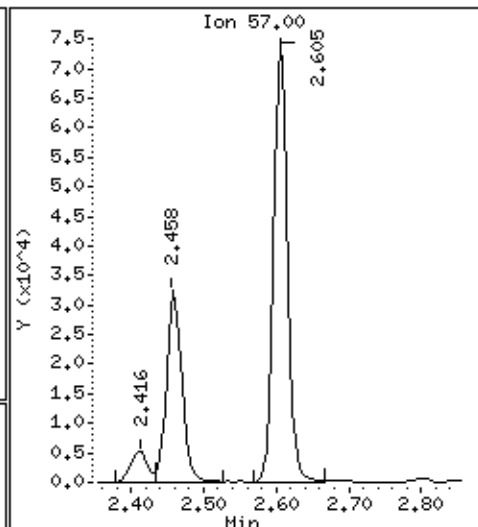
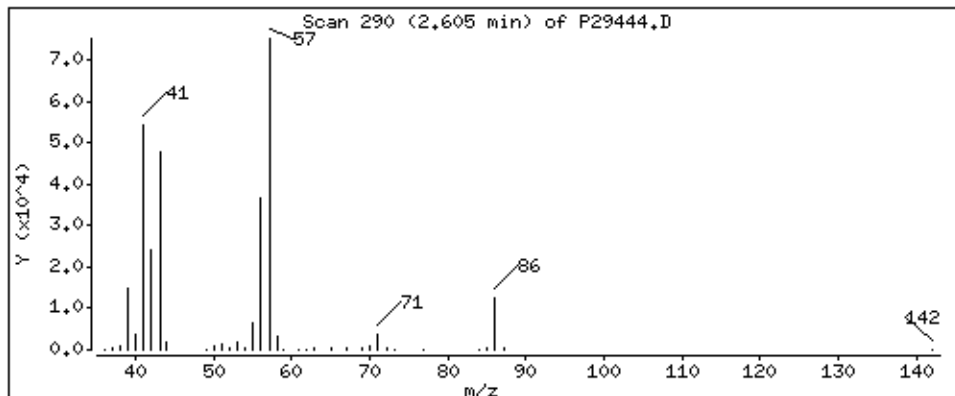
Column phase: RTX-624

Column diameter: 0,18

30 n-Hexane

Concentration: 43,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

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Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

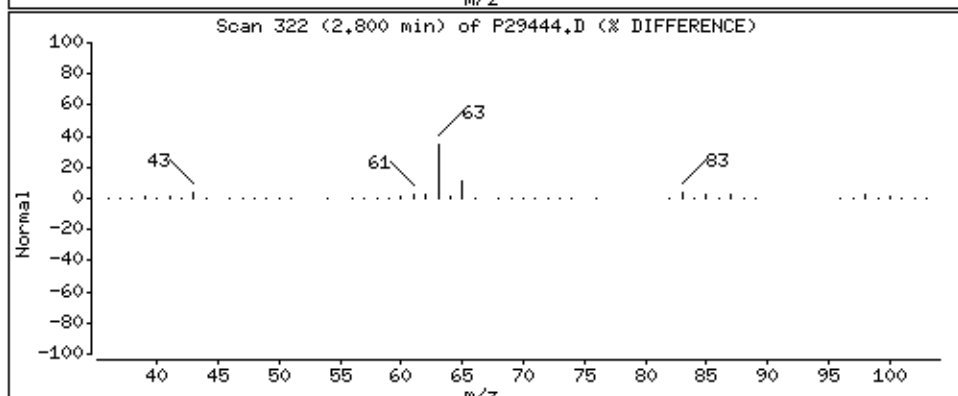
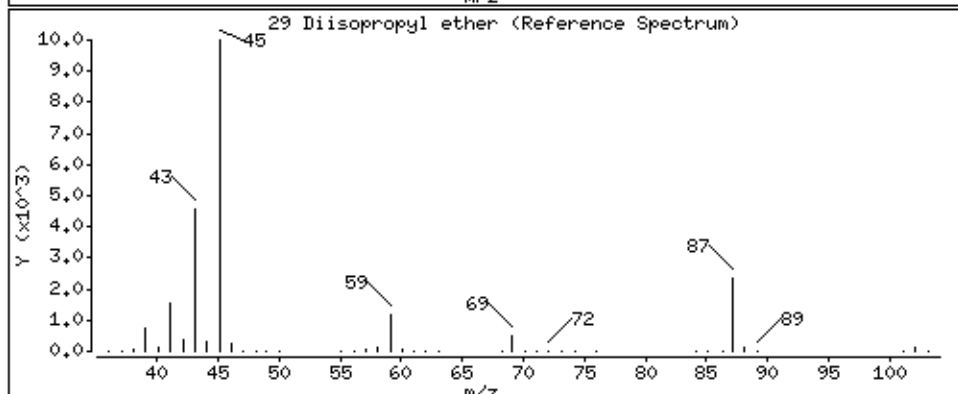
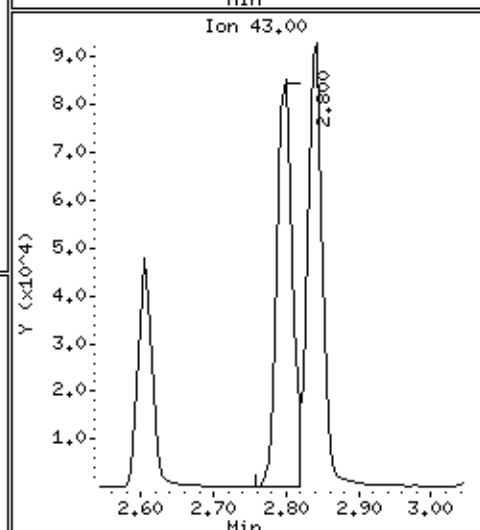
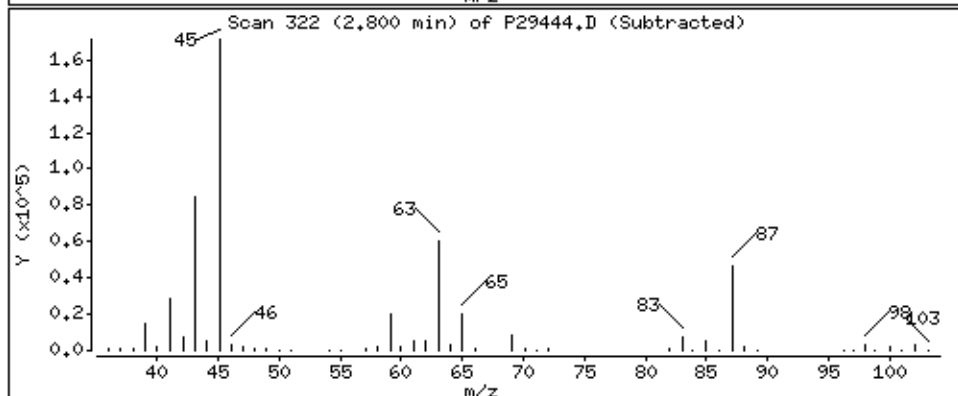
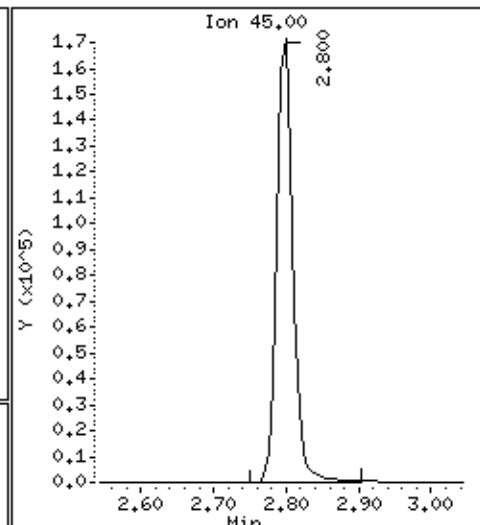
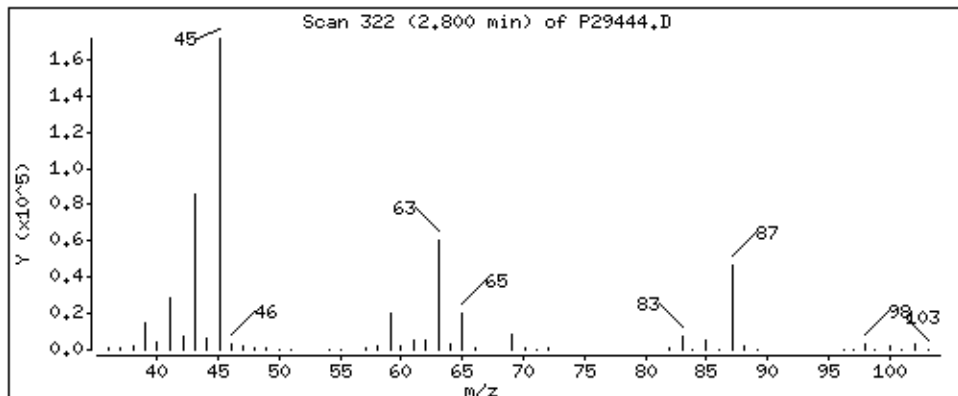
Column phase: RTX-624

Column diameter: 0,18

29 Diisopropyl ether

Concentration: 49,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

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Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

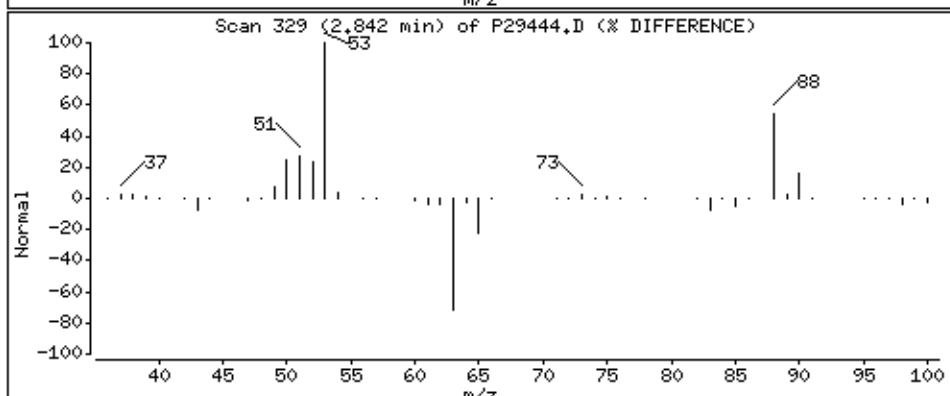
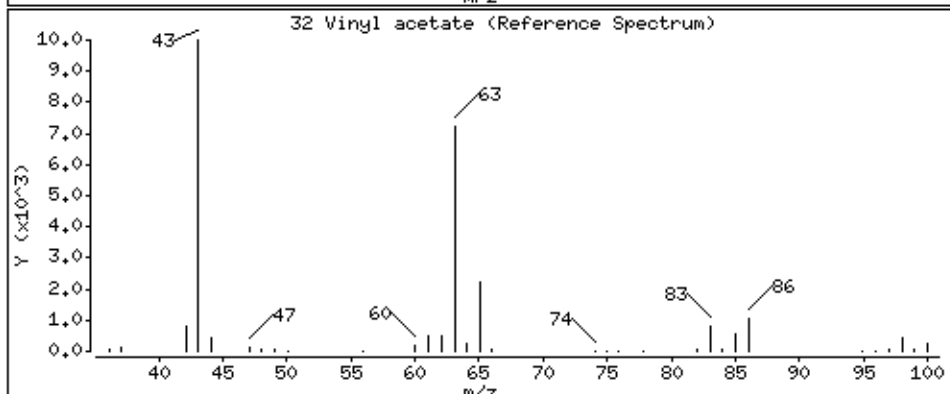
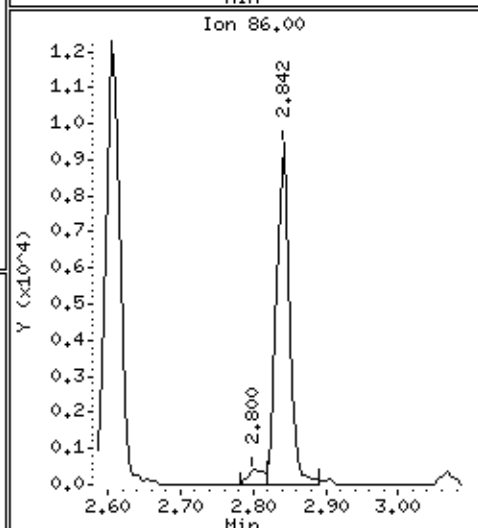
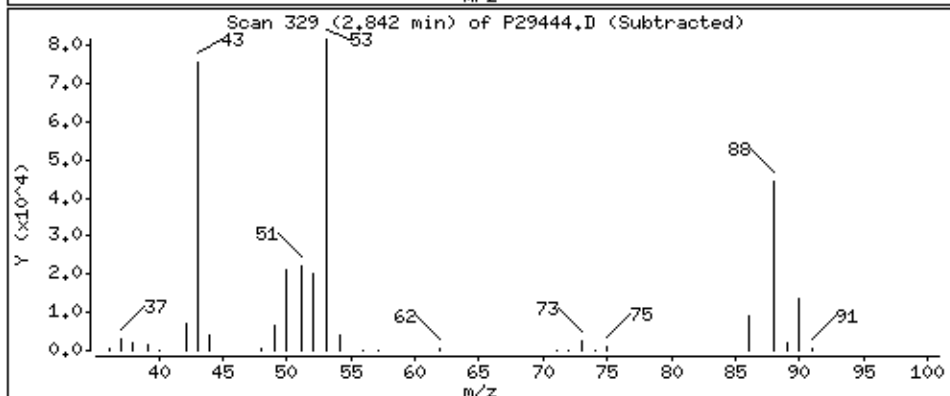
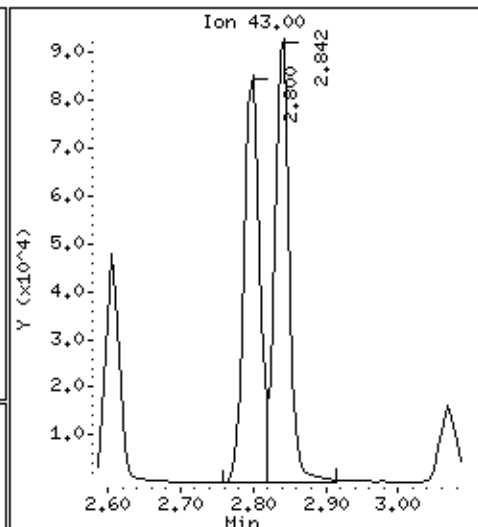
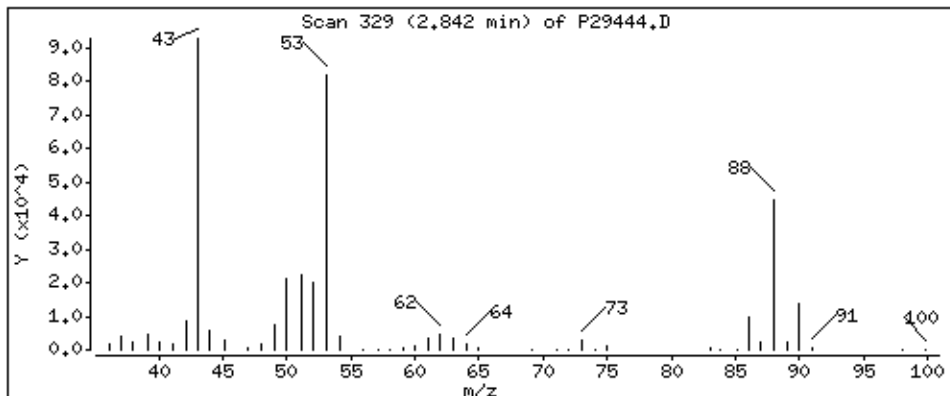
Column phase: RTX-624

Column diameter: 0,18

32 Vinyl acetate

Concentration: 40,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

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Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

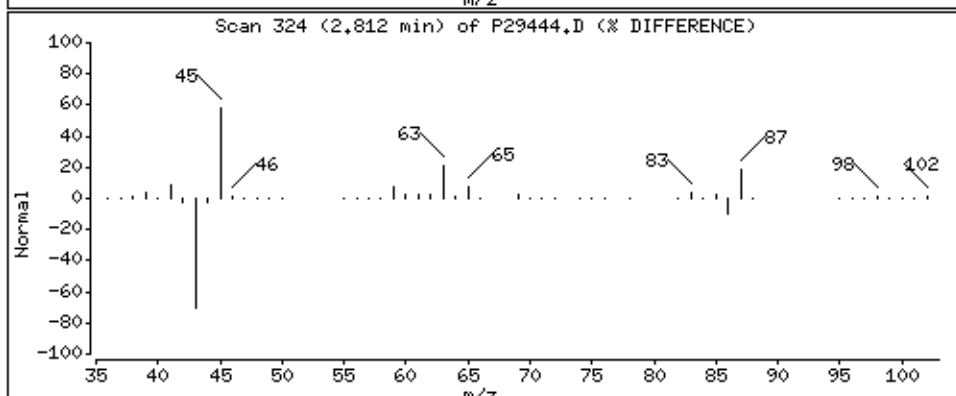
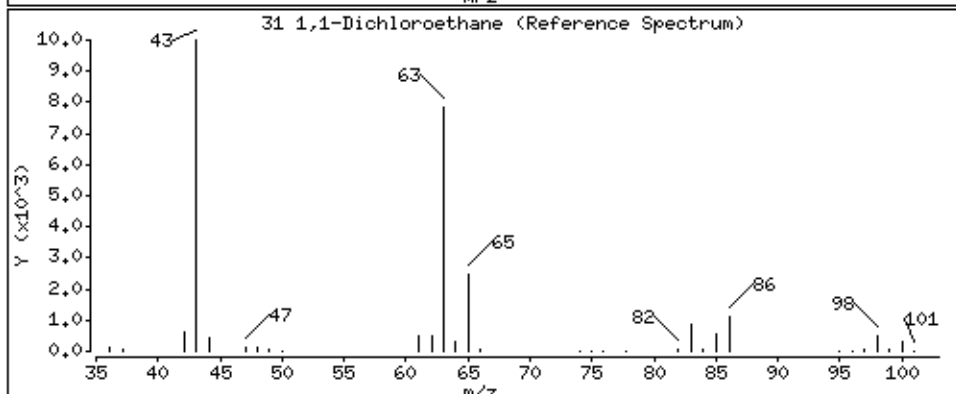
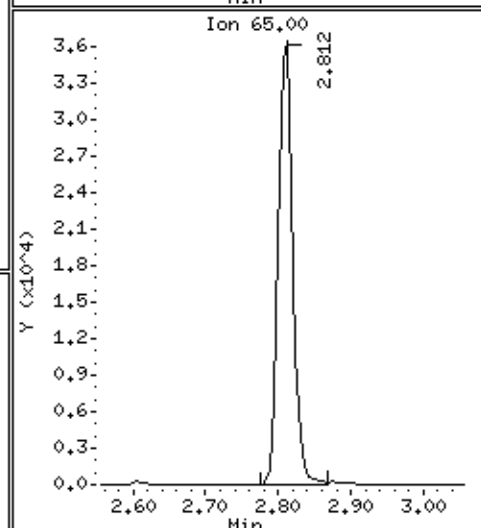
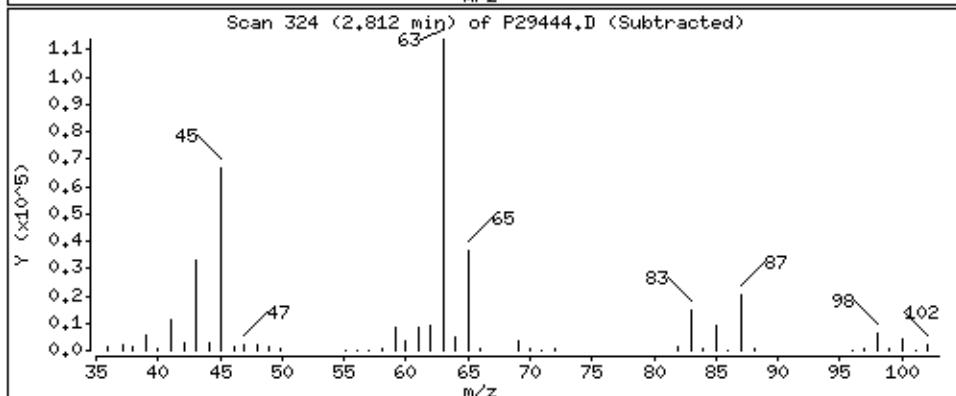
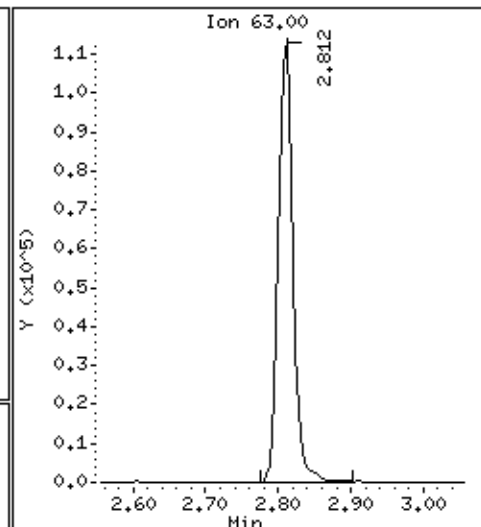
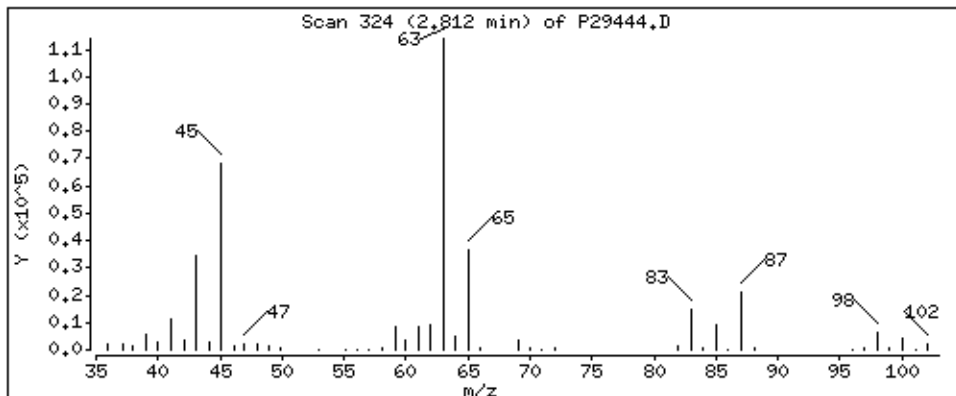
Column phase: RTX-624

Column diameter: 0,18

31 1,1-Dichloroethane

Concentration: 54,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

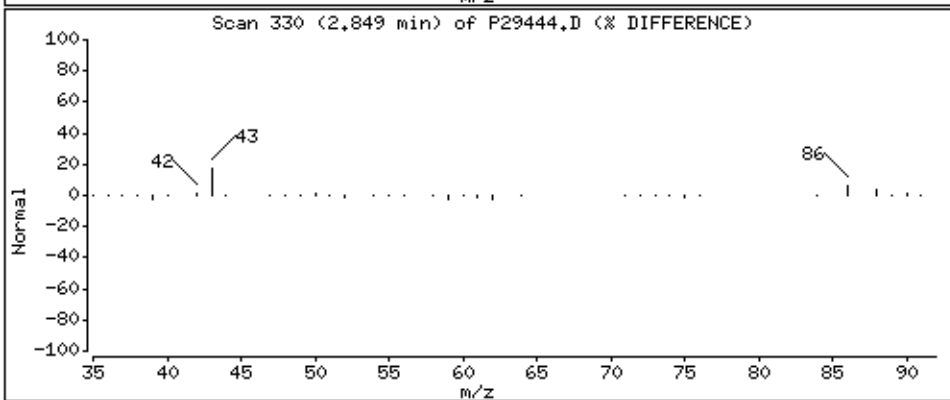
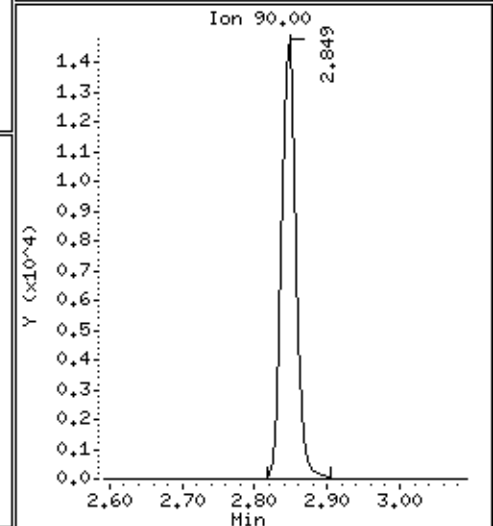
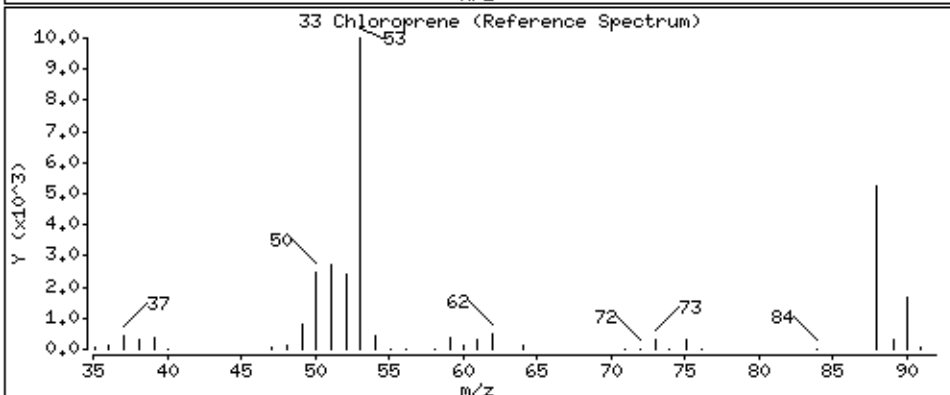
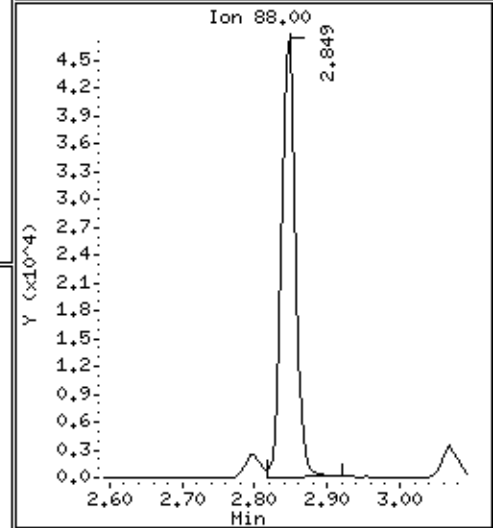
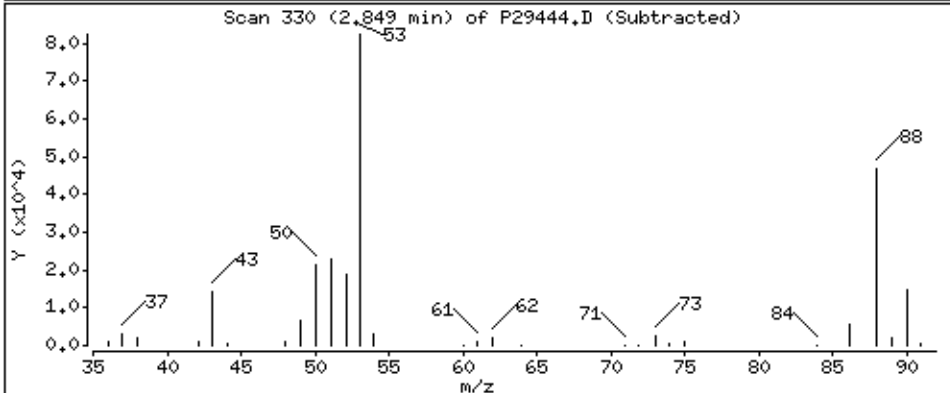
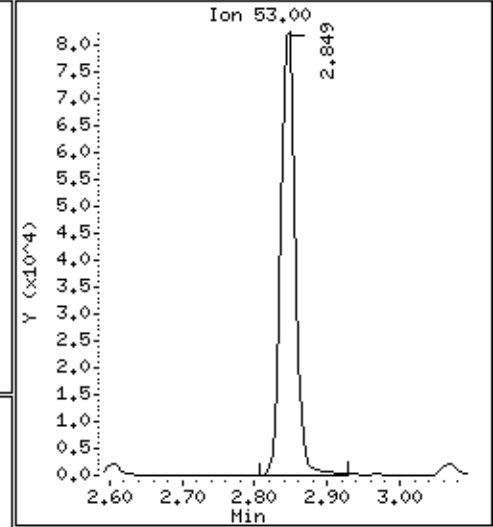
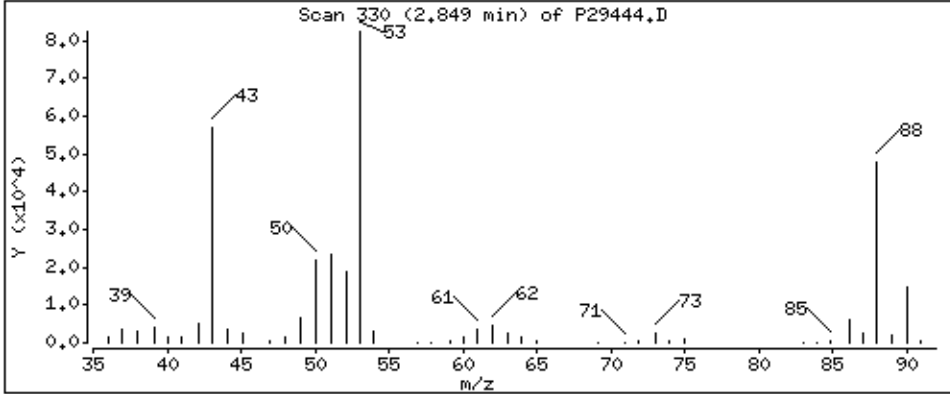
Column phase: RTX-624

Column diameter: 0,18

33 Chloroprene

Concentration: 47.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

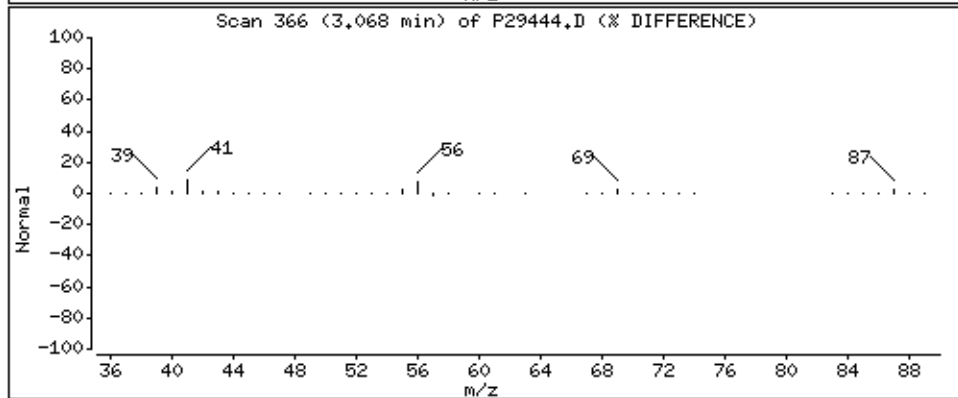
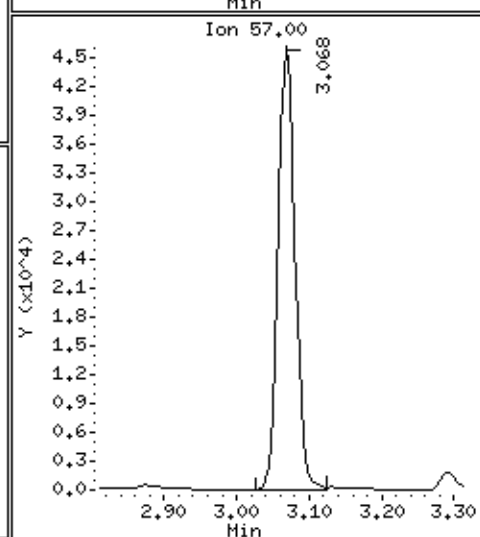
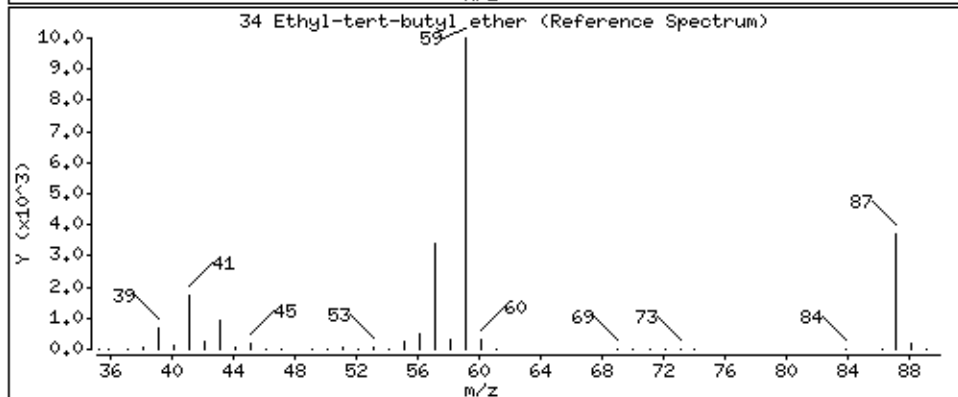
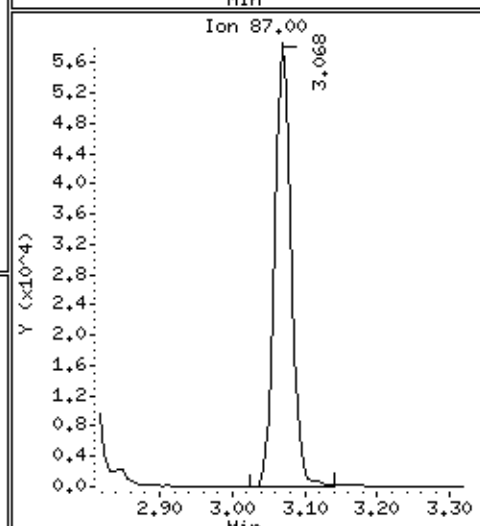
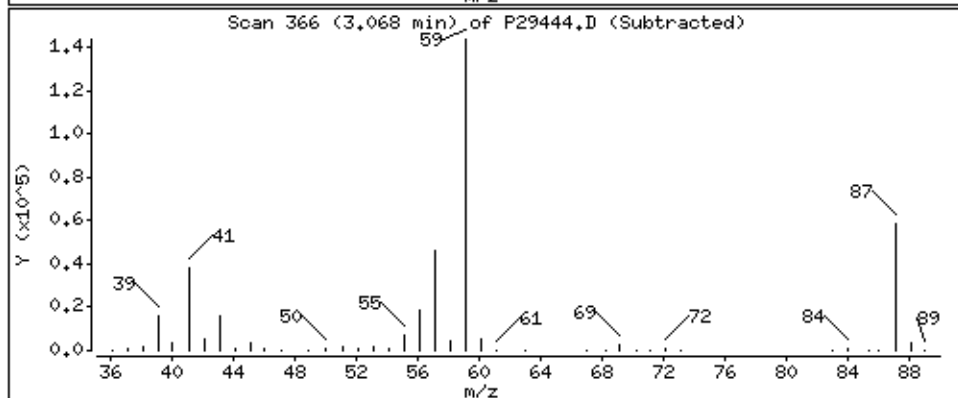
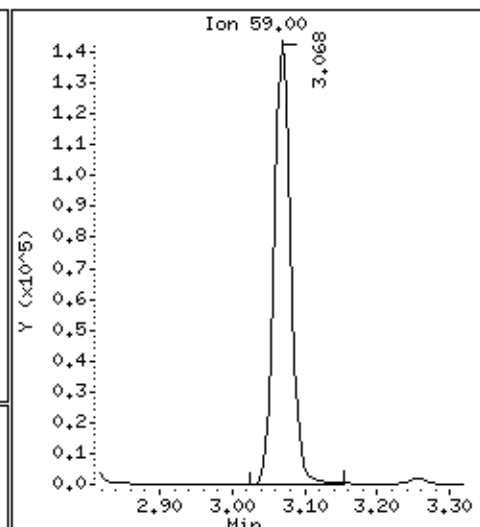
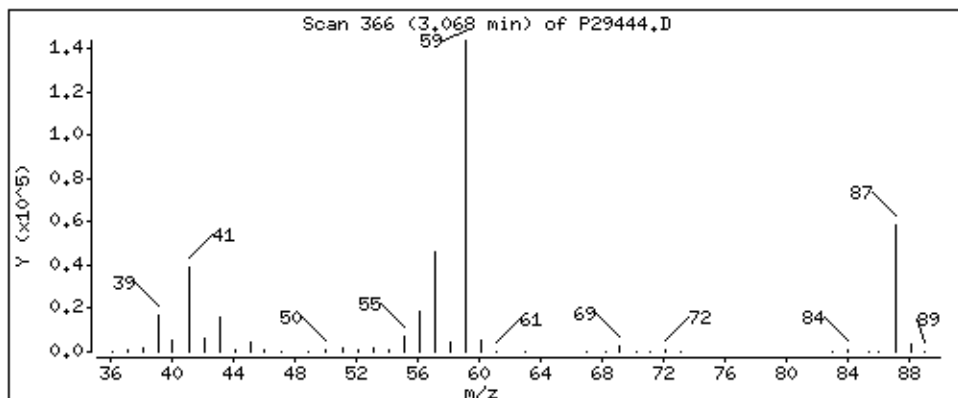
Column phase: RTX-624

Column diameter: 0.18

34 Ethyl-tert-butyl ether

Concentration: 41.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5,0

Operator: BBL

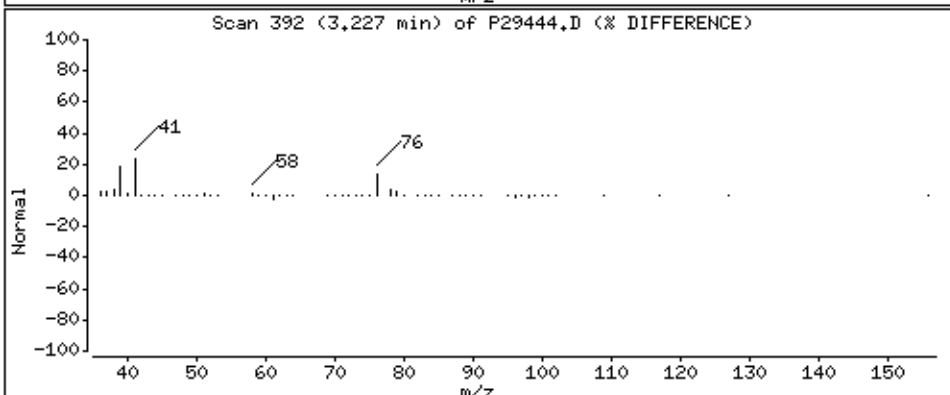
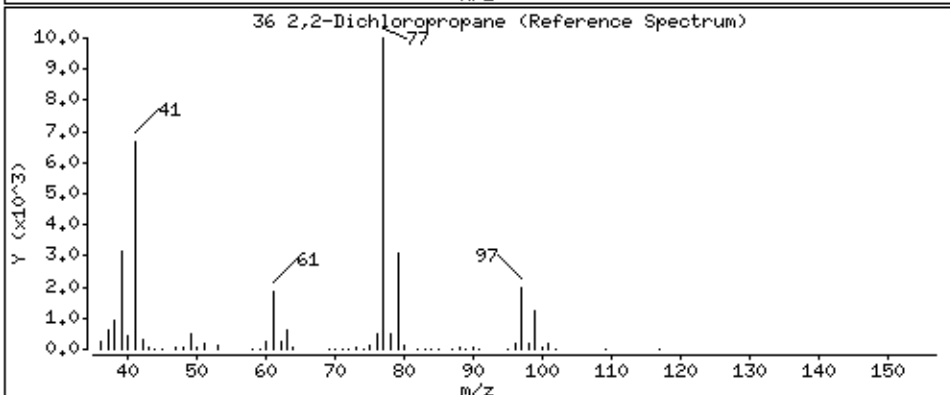
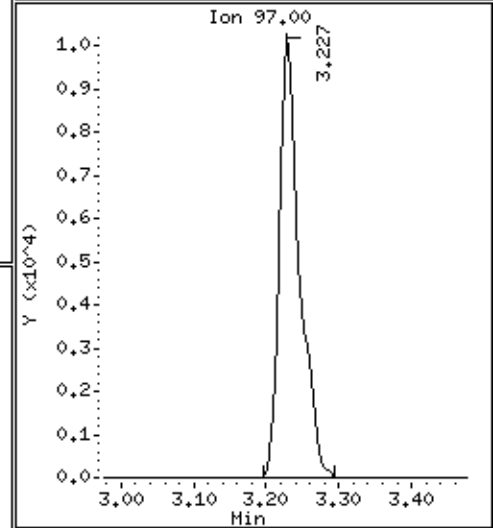
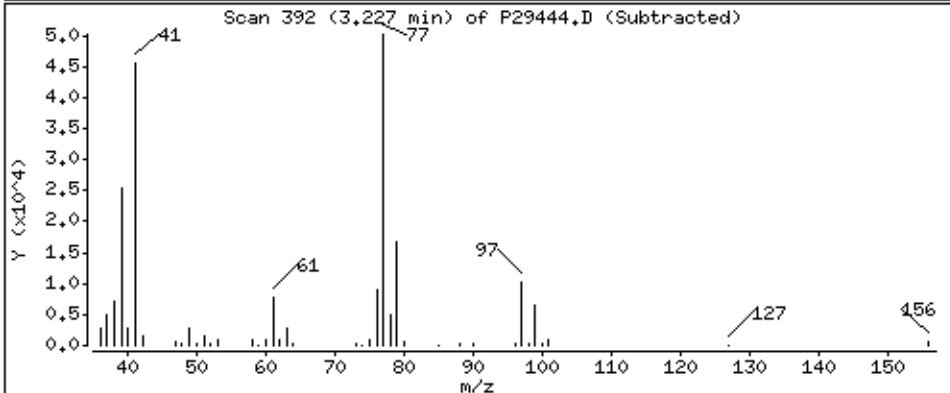
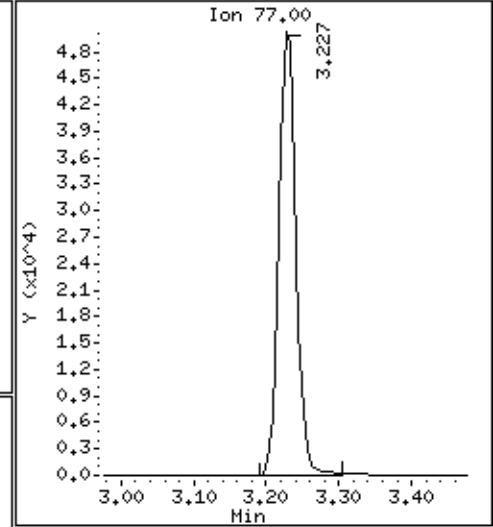
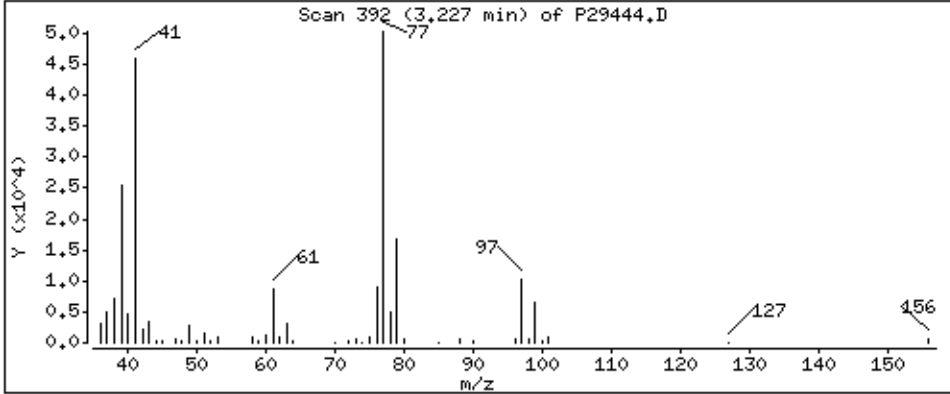
Column phase: RTX-624

Column diameter: 0,18

36 2,2-Dichloropropane

Concentration: 30,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

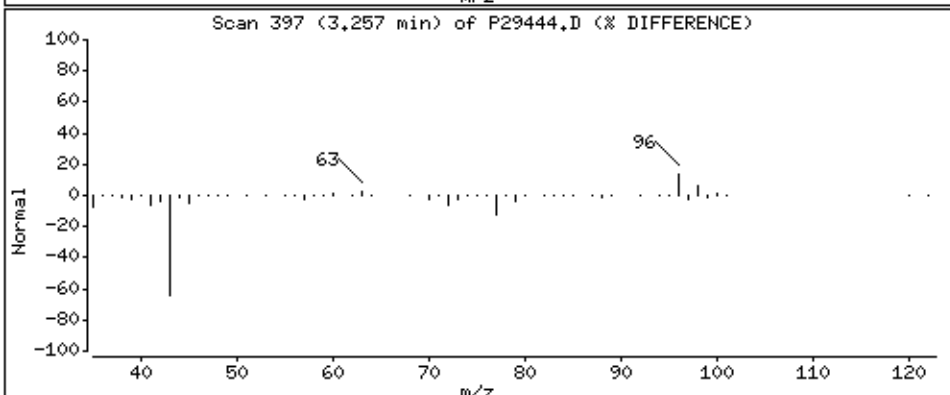
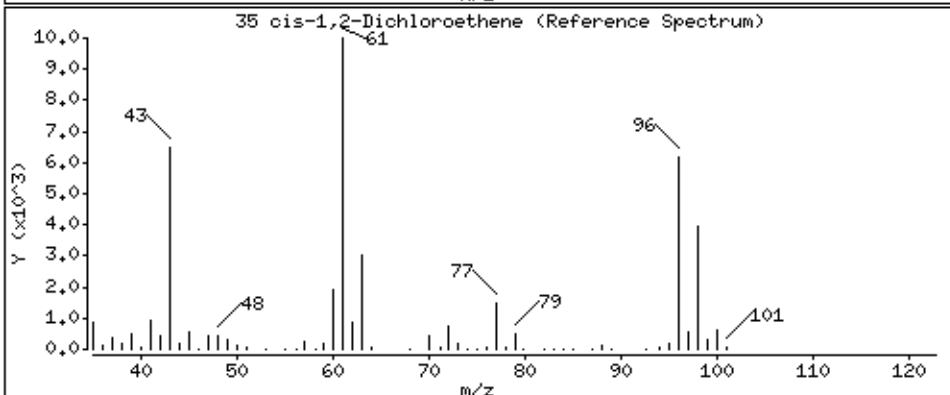
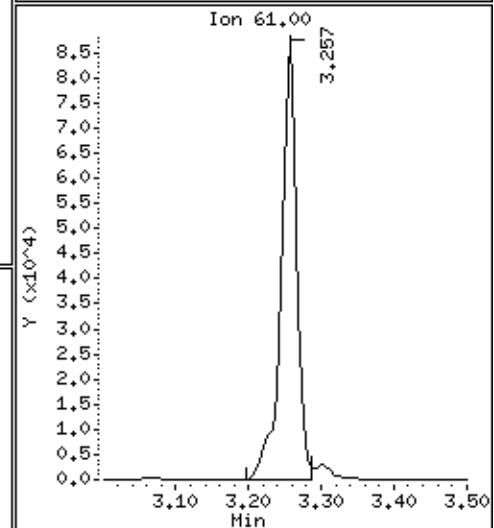
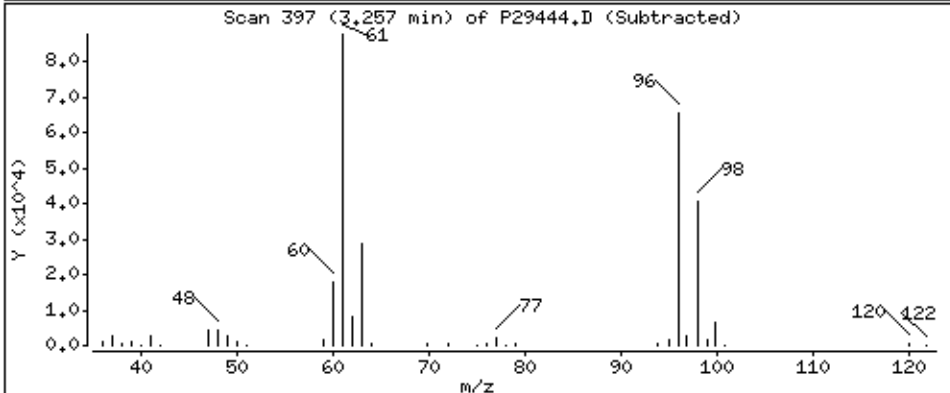
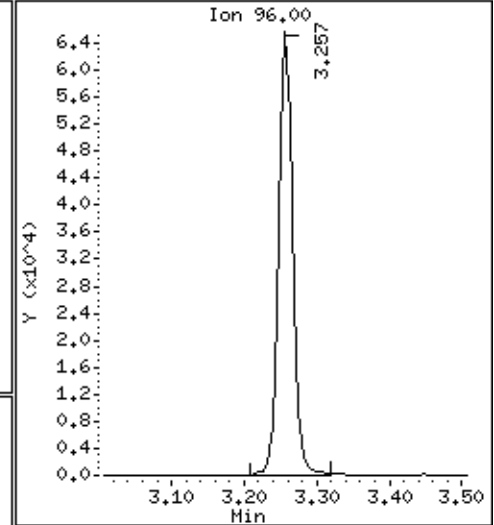
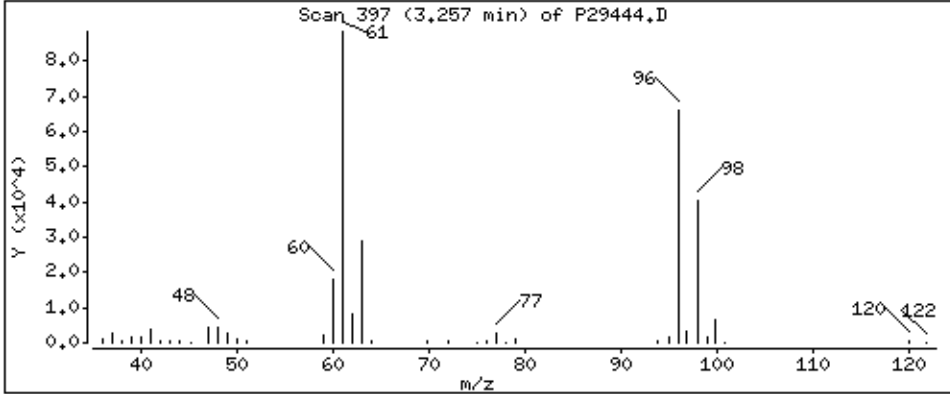
Column phase: RTX-624

Column diameter: 0,18

35 cis-1,2-Dichloroethene

Concentration: 46,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

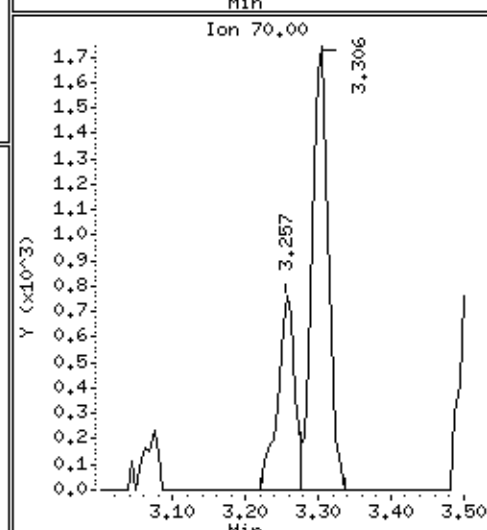
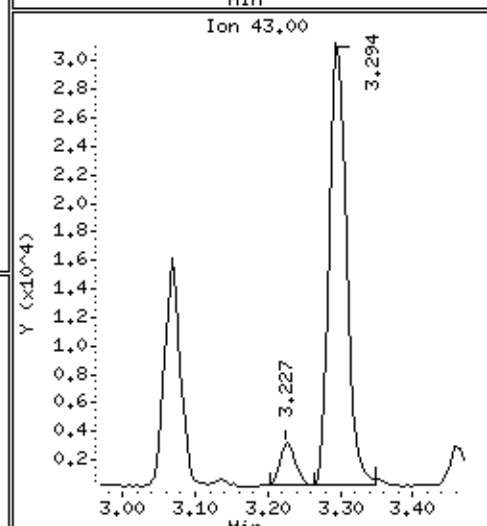
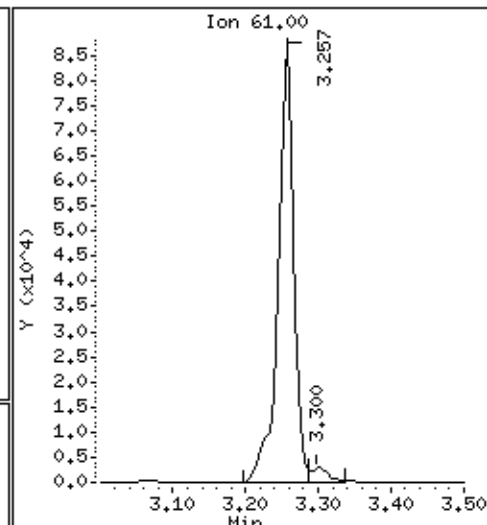
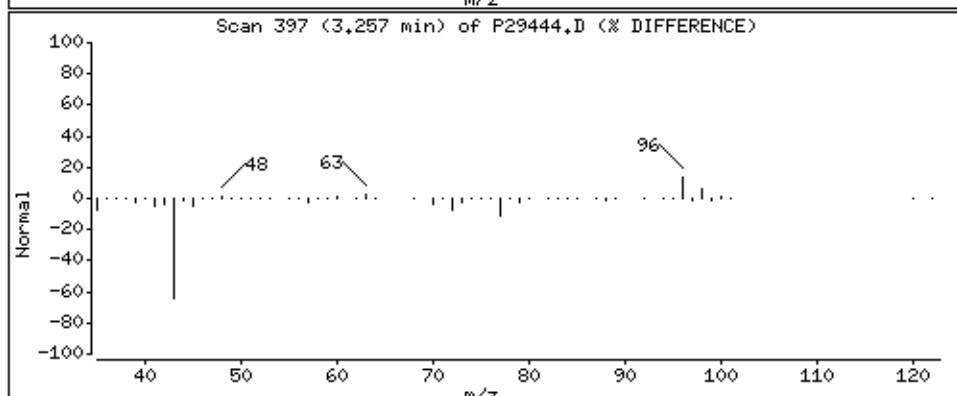
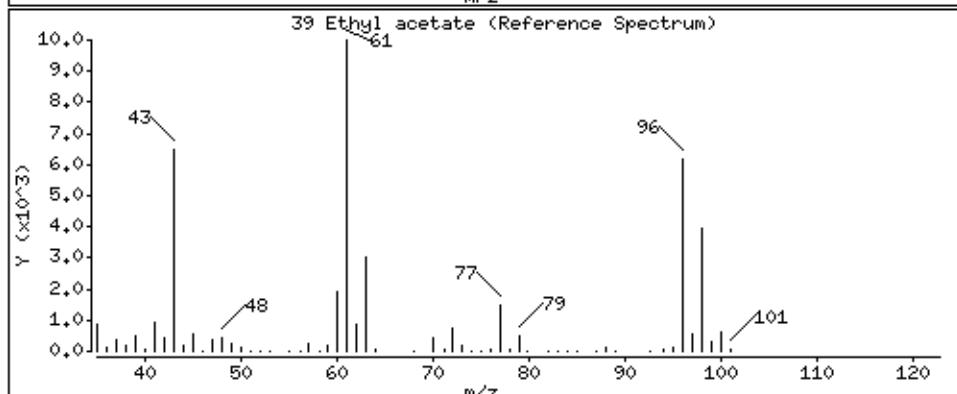
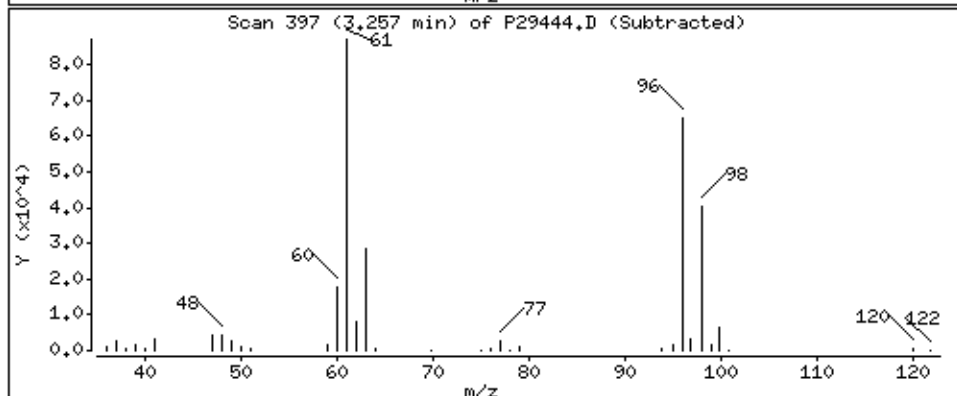
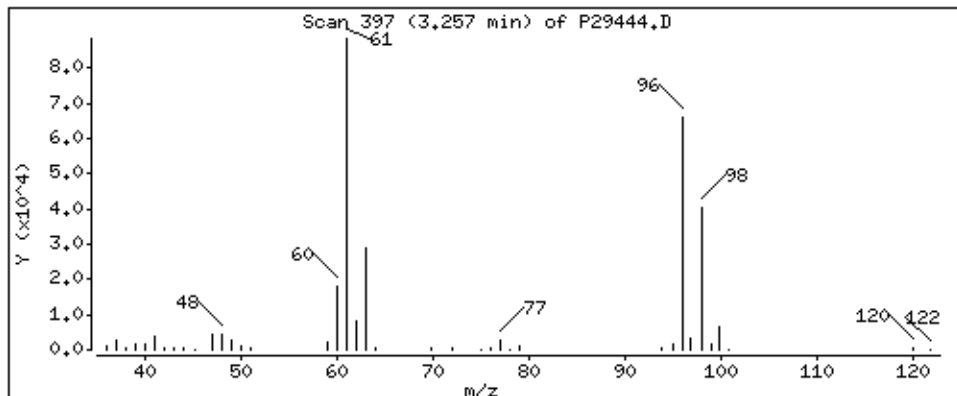
Column phase: RTX-624

Column diameter: 0,18

39 Ethyl acetate

Concentration: 48,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

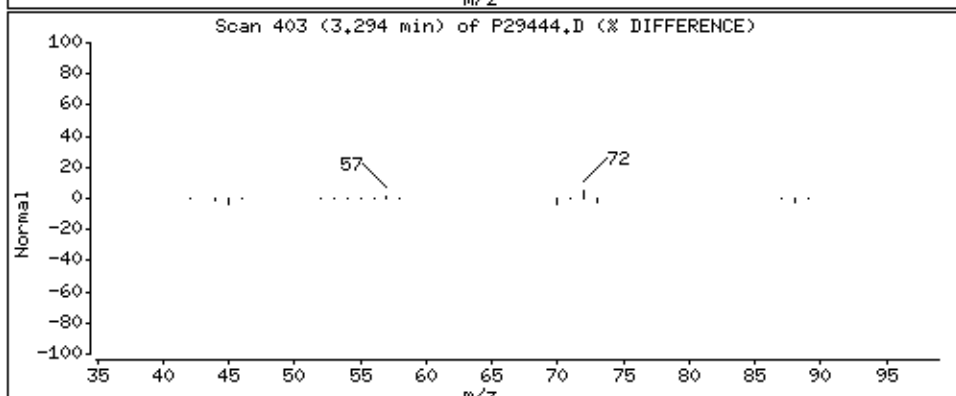
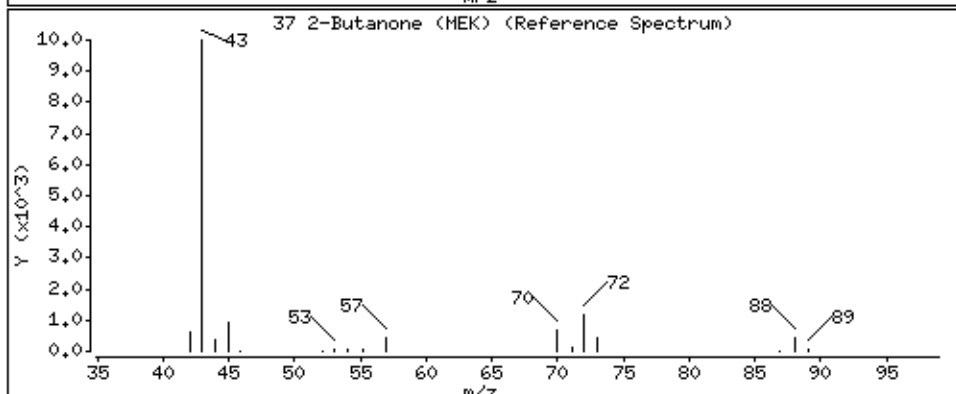
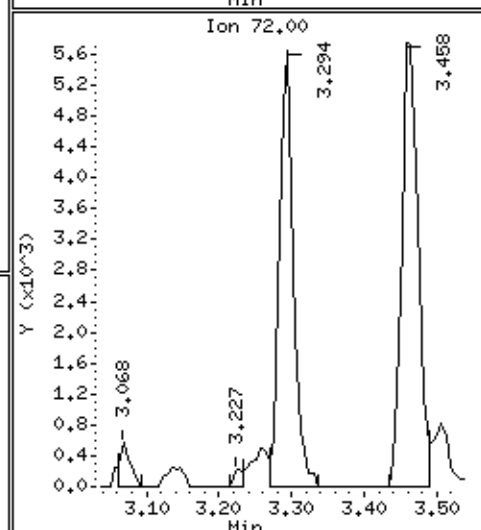
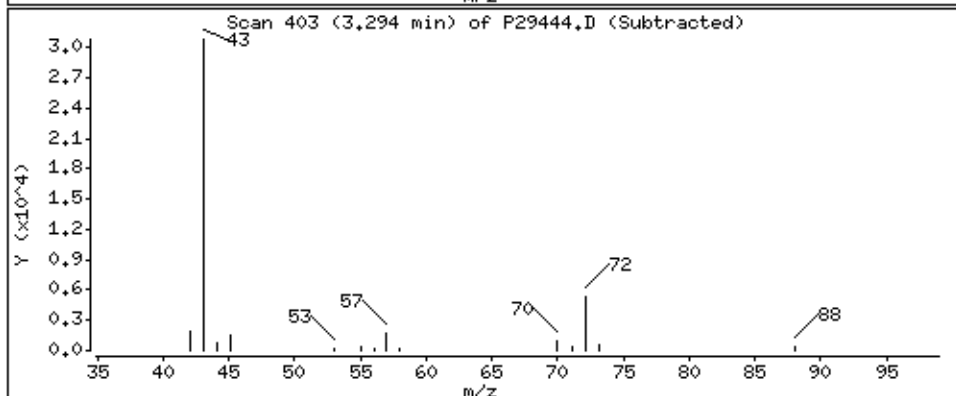
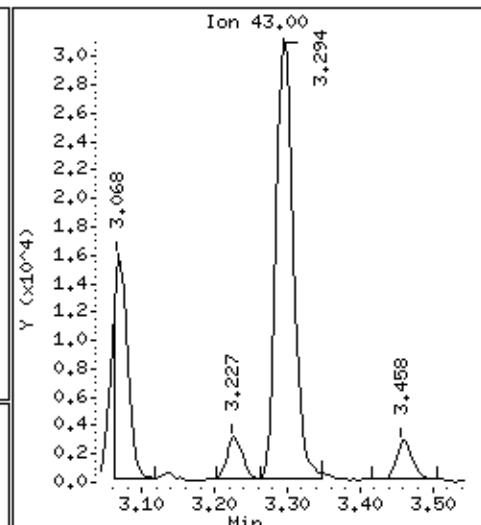
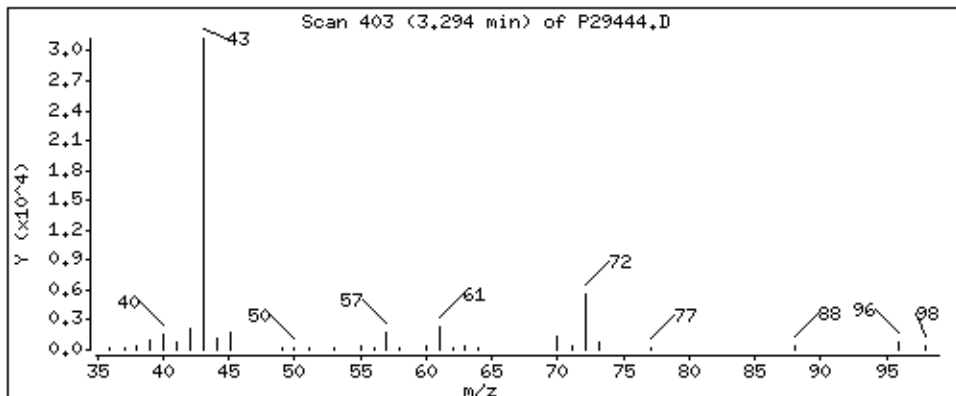
Column phase: RTX-624

Column diameter: 0,18

37 2-Butanone (MEK)

Concentration: 32,5 ug/L

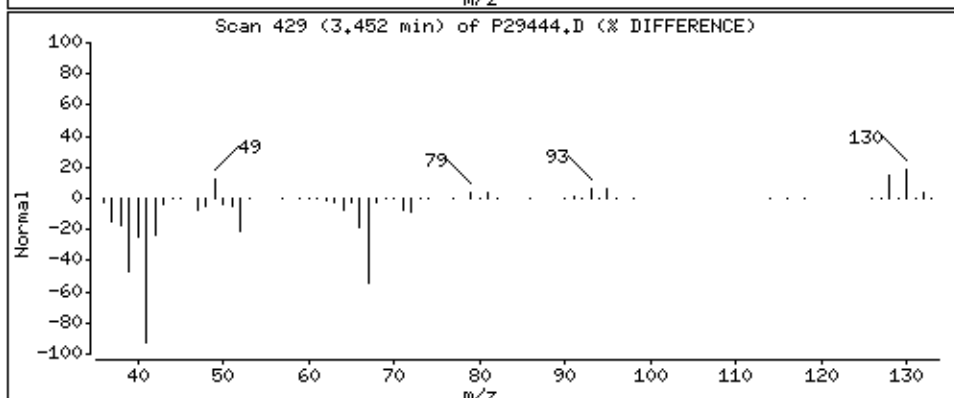
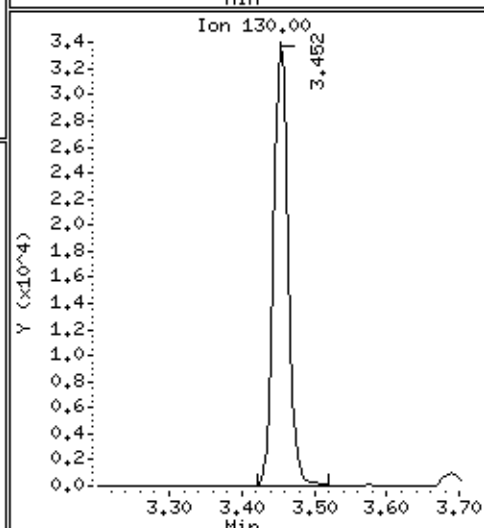
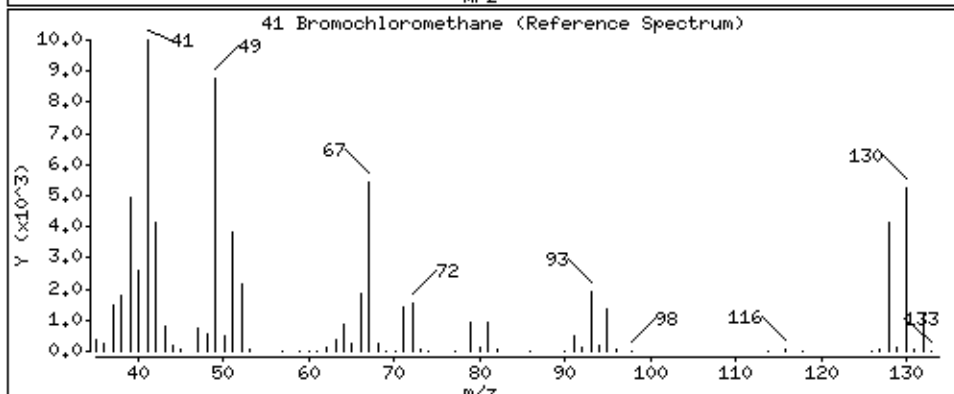
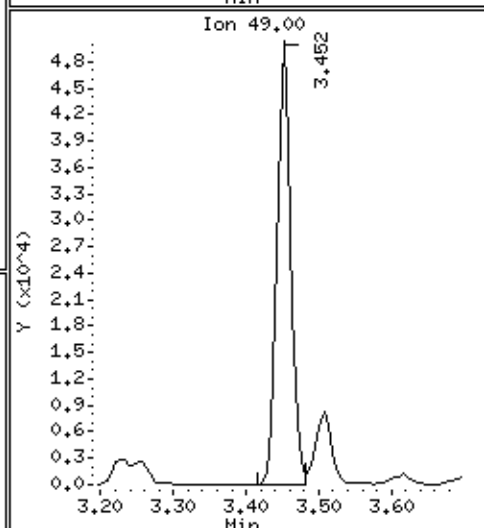
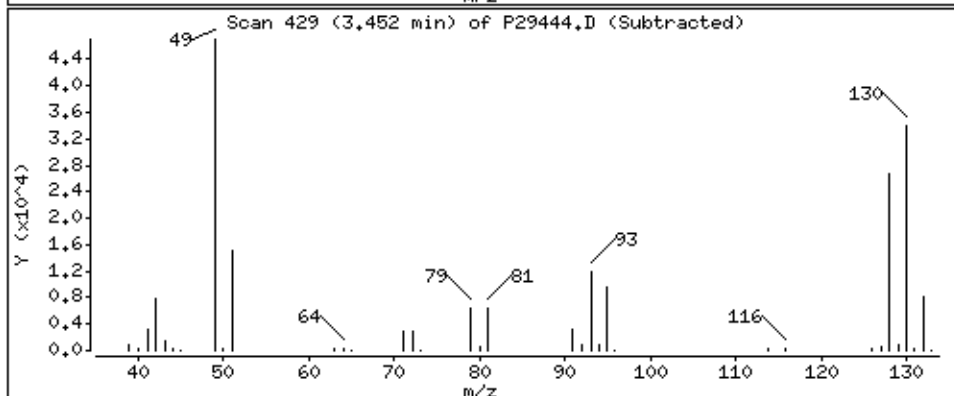
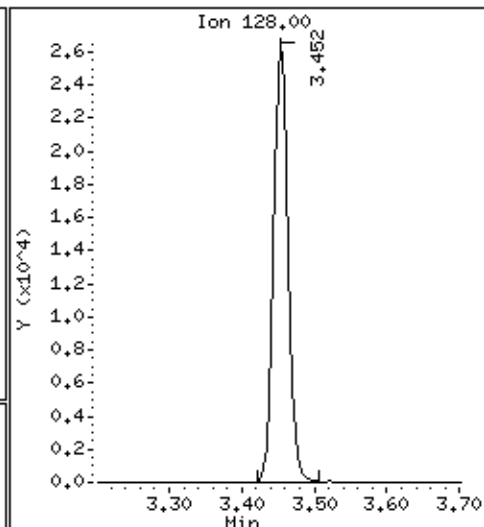
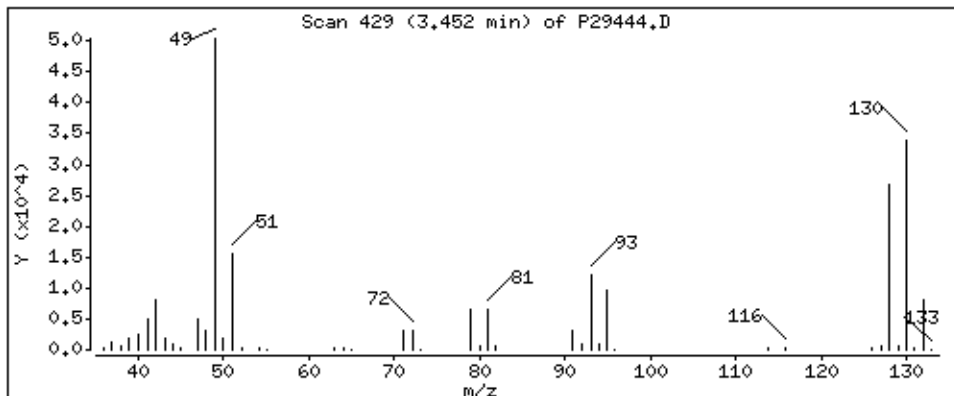
Review Code:



41 Bromochloromethane

Concentration: 45,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

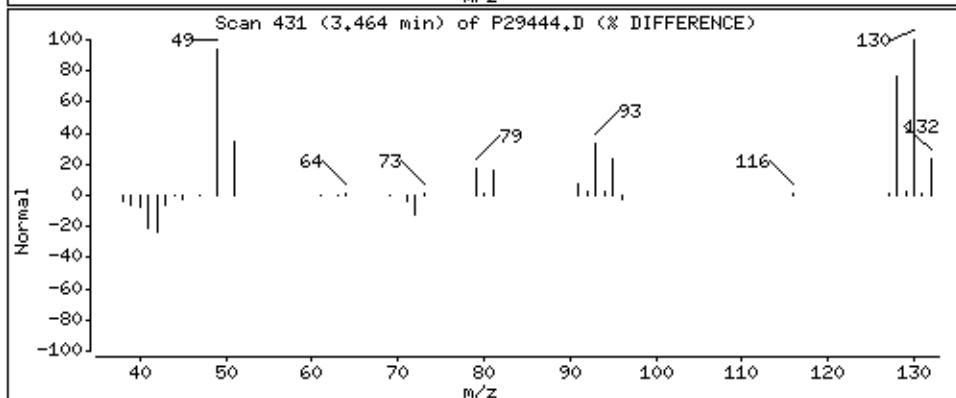
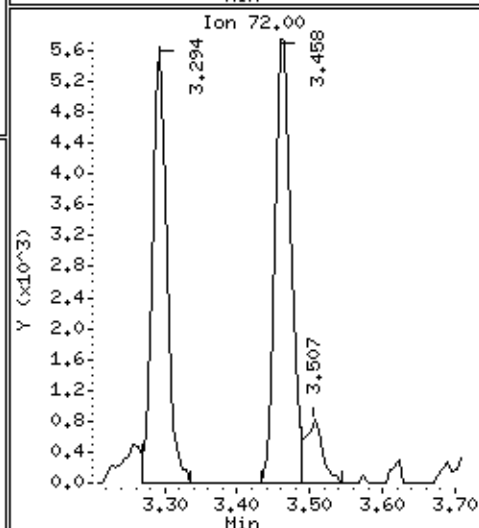
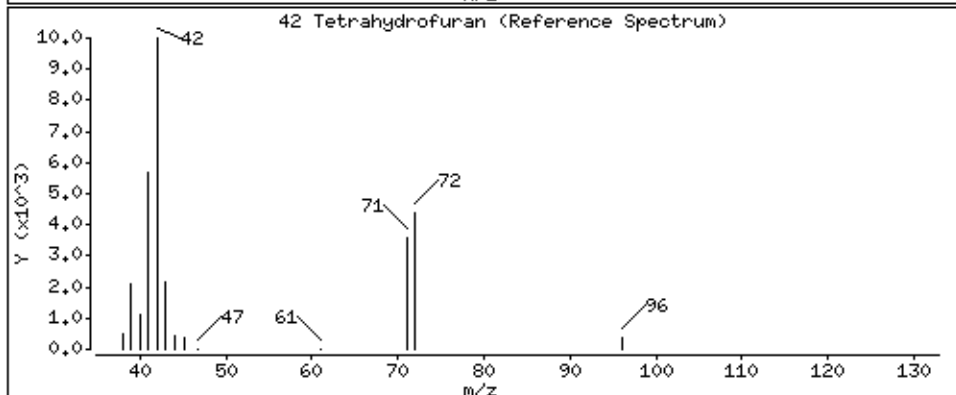
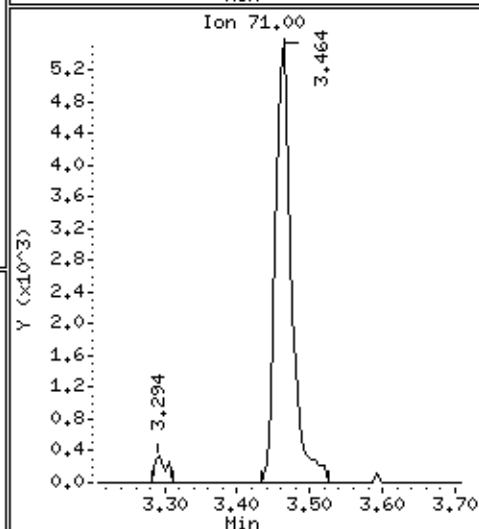
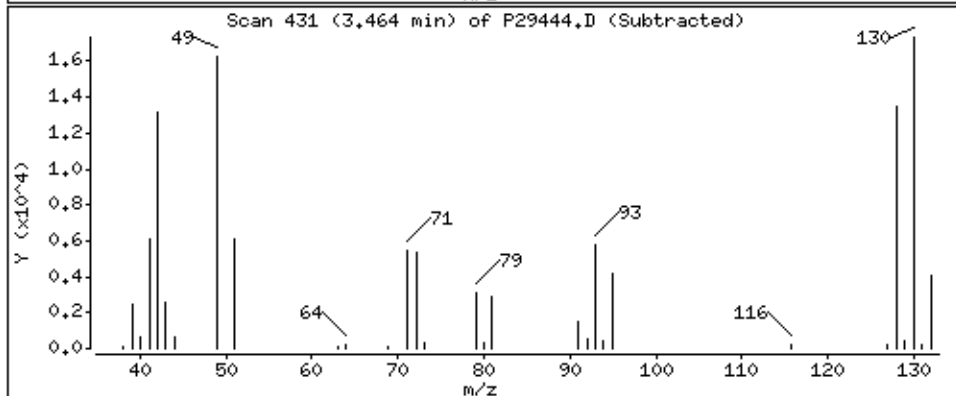
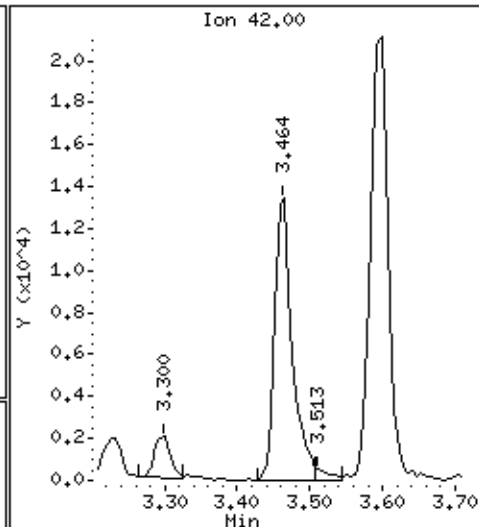
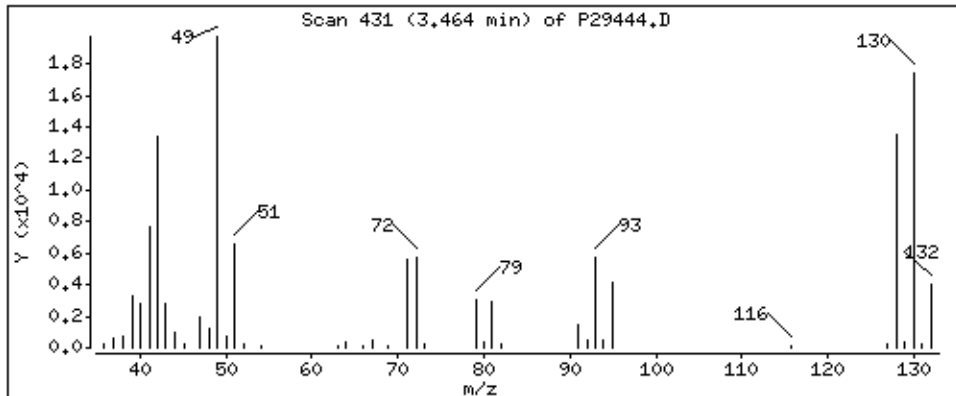
Column phase: RTX-624

Column diameter: 0,18

42 Tetrahydrofuran

Concentration: 58,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

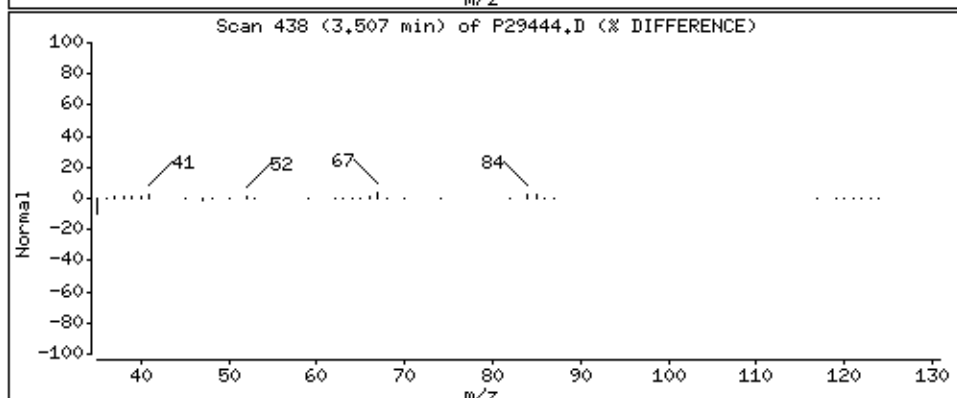
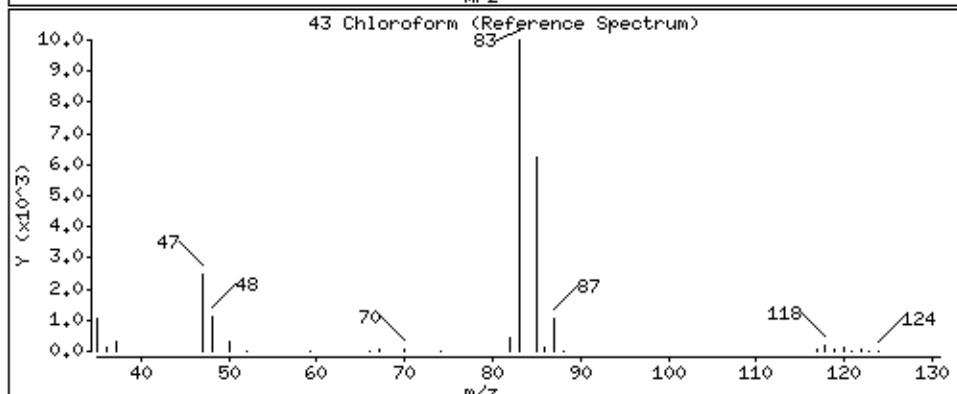
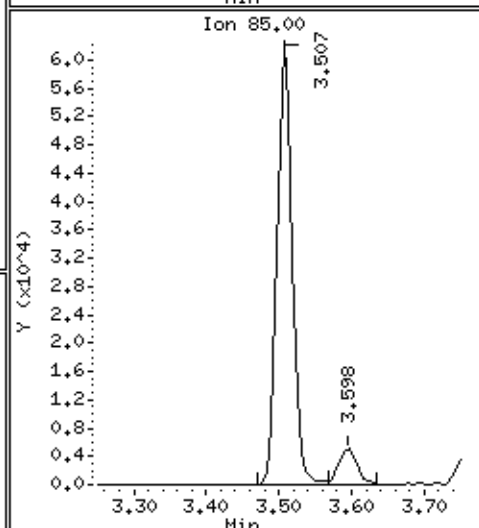
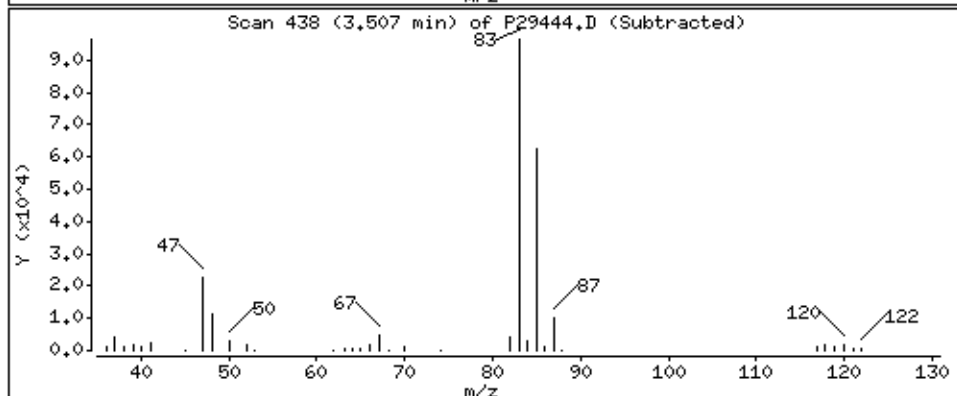
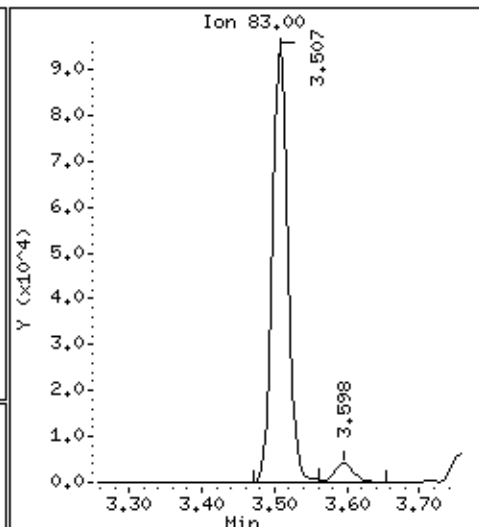
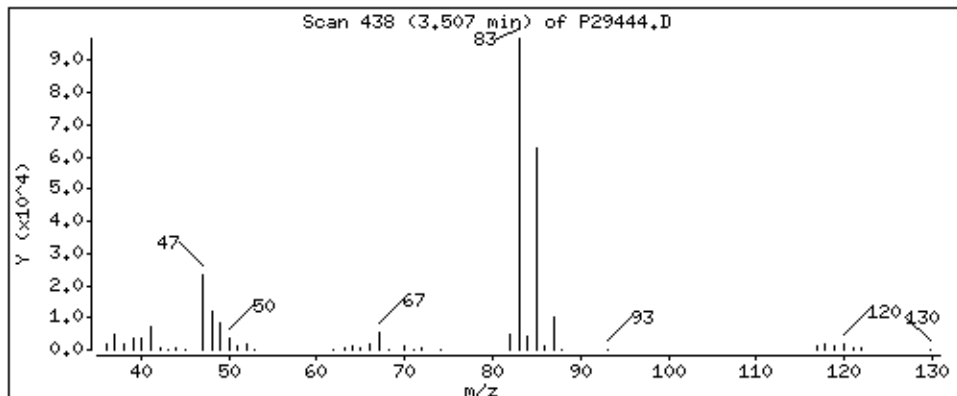
Column phase: RTX-624

Column diameter: 0,18

43 Chloroform

Concentration: 46,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

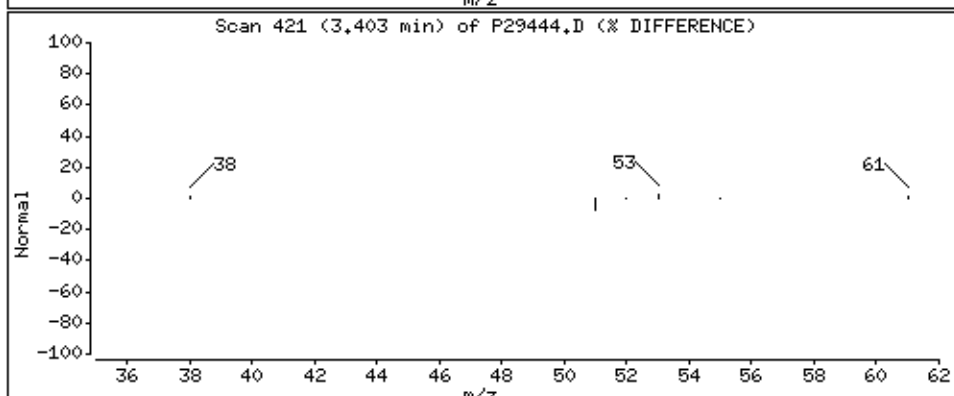
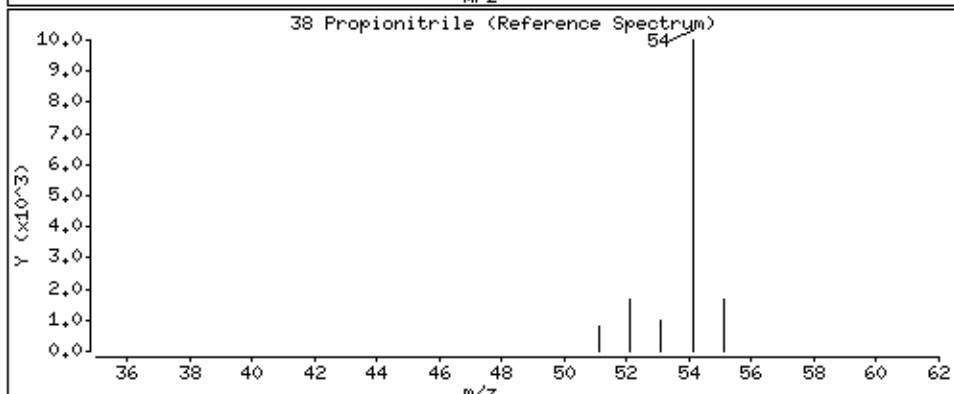
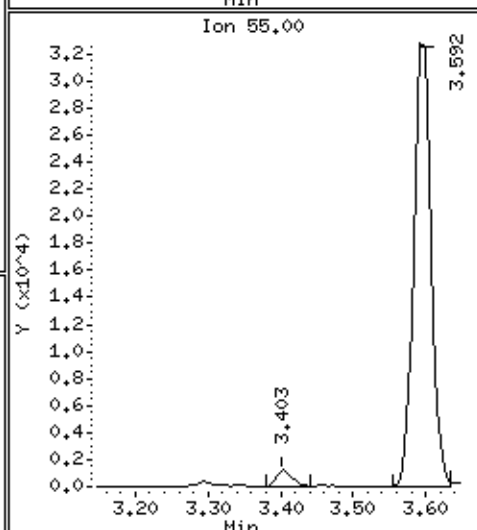
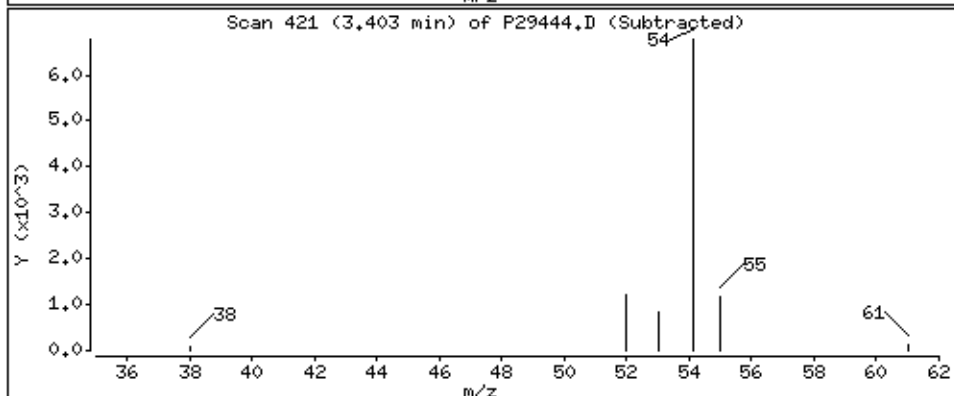
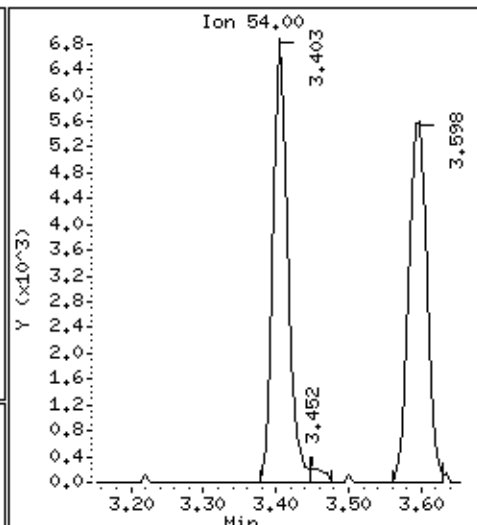
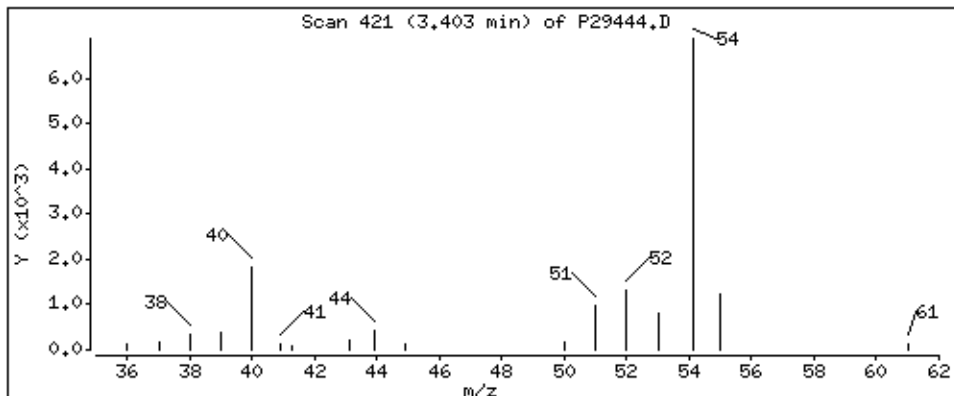
Column phase: RTX-624

Column diameter: 0,18

38 Propionitrile

Concentration: 52,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

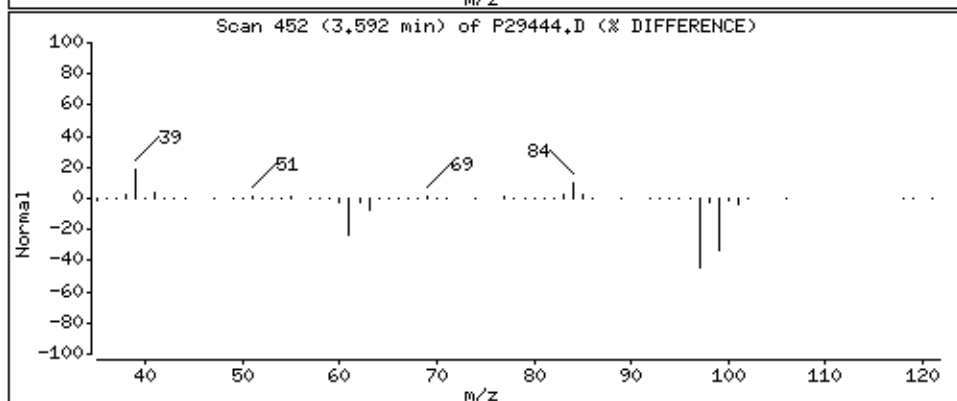
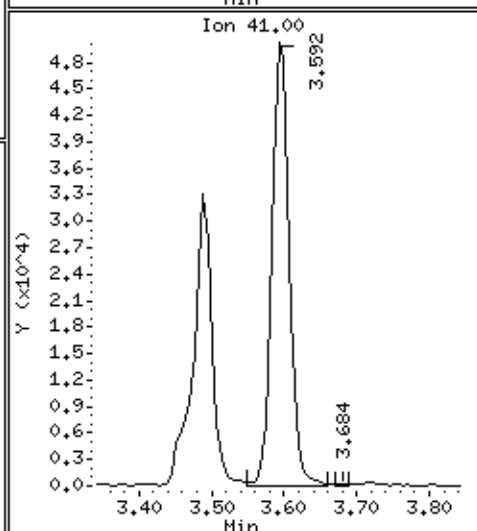
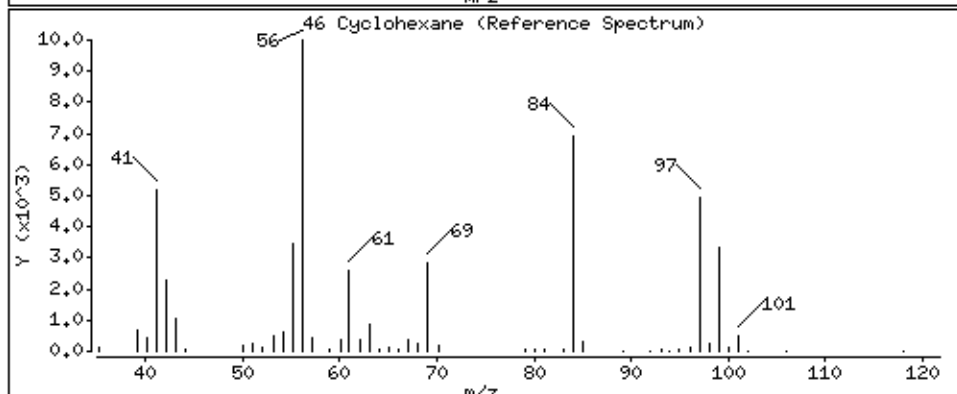
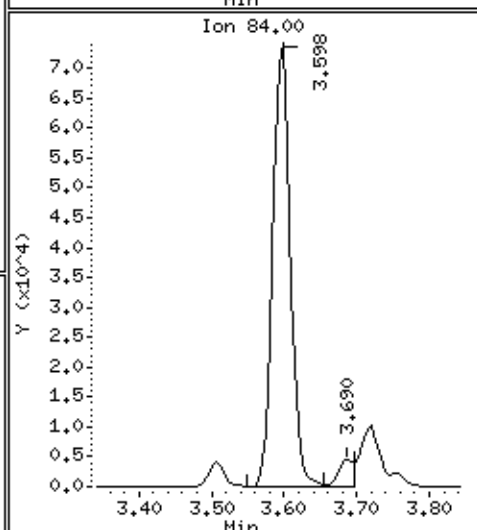
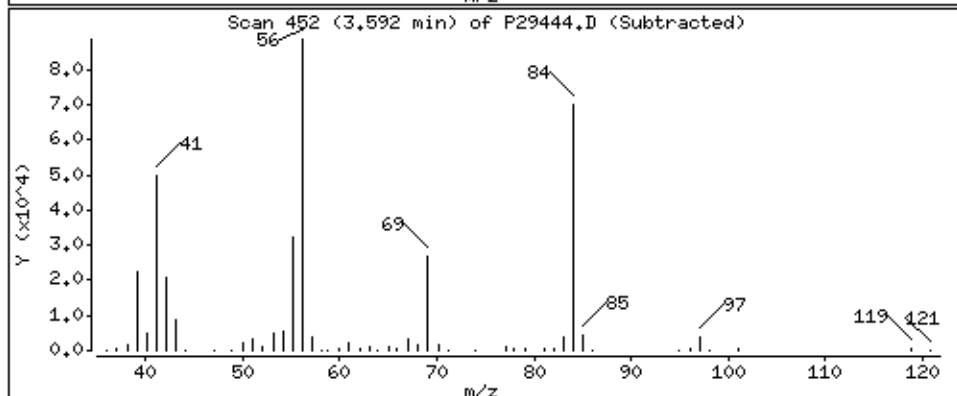
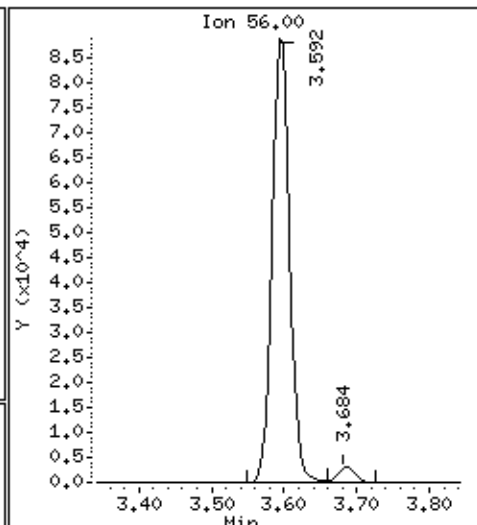
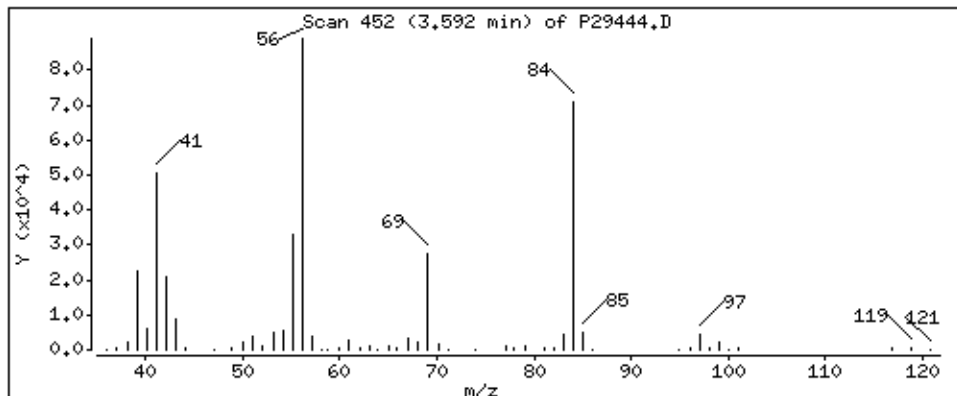
Column phase: RTX-624

Column diameter: 0,18

46 Cyclohexane

Concentration: 48,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

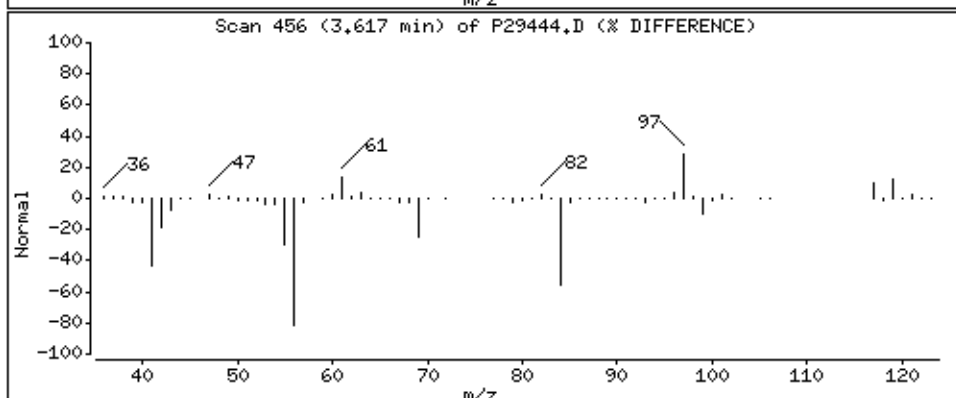
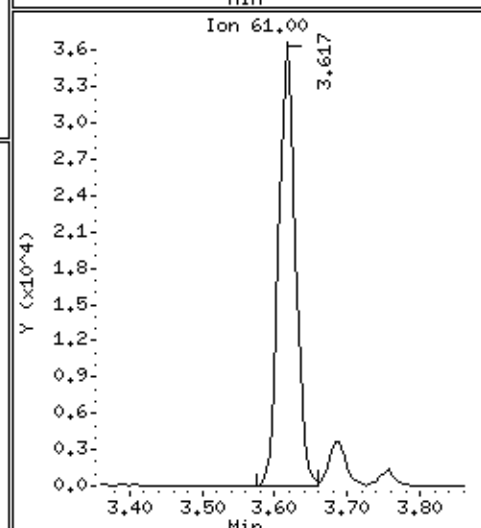
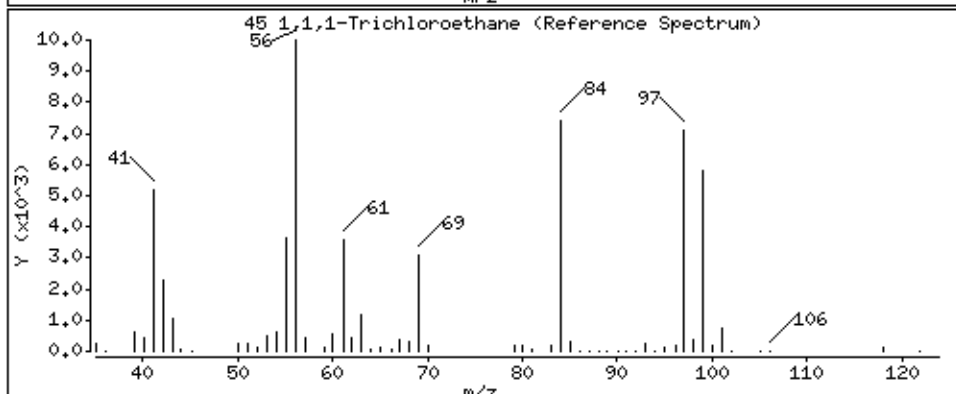
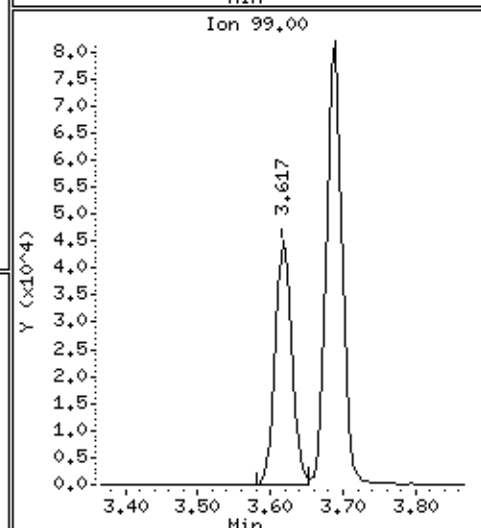
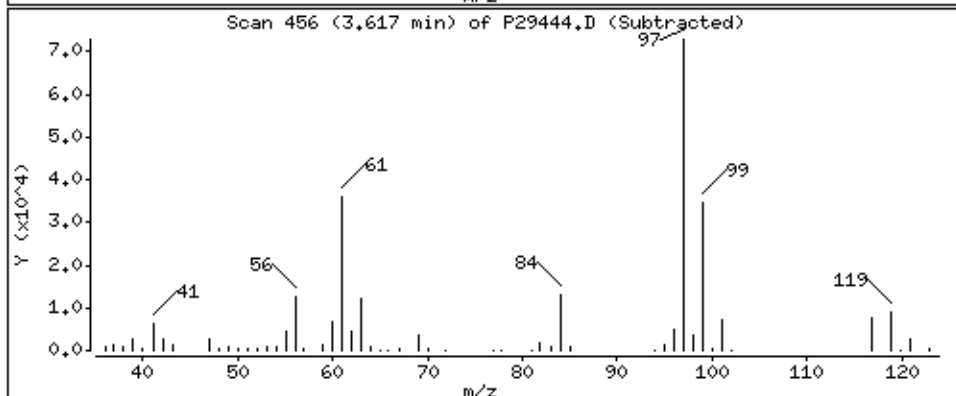
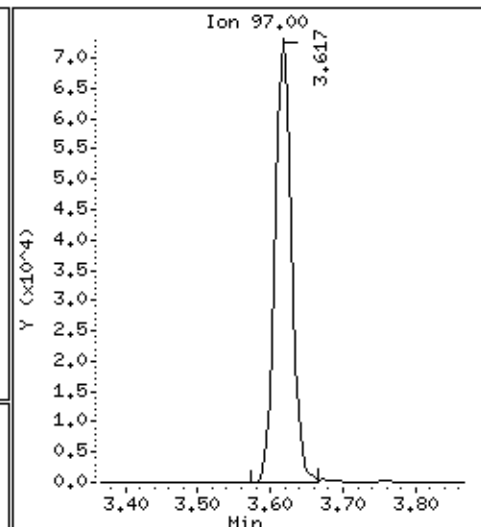
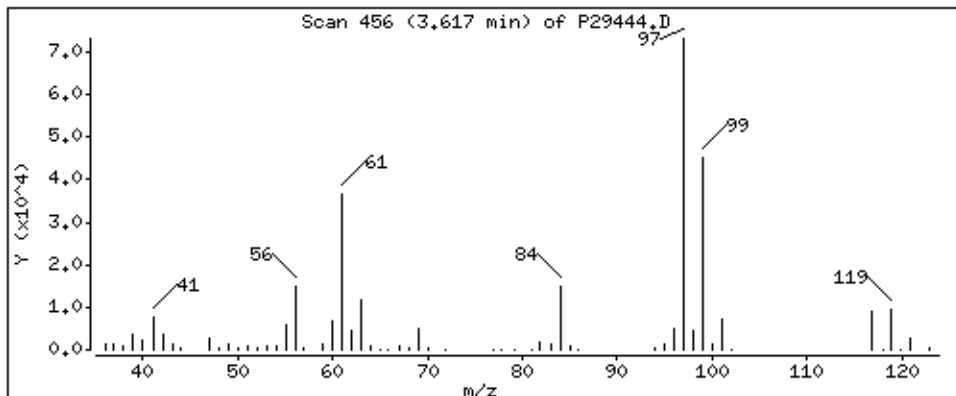
Column phase: RTX-624

Column diameter: 0,18

45 1,1,1-Trichloroethane

Concentration: 43,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

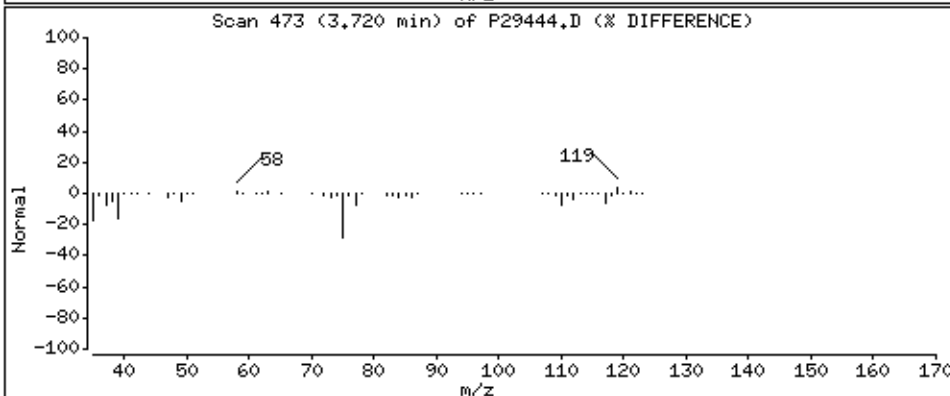
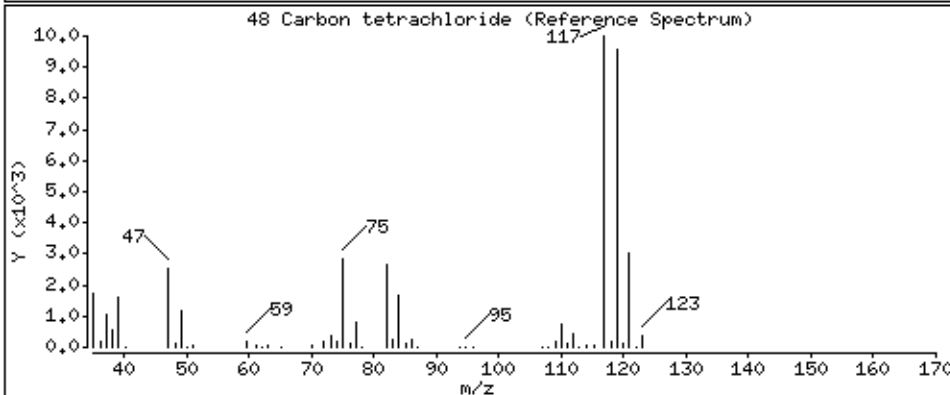
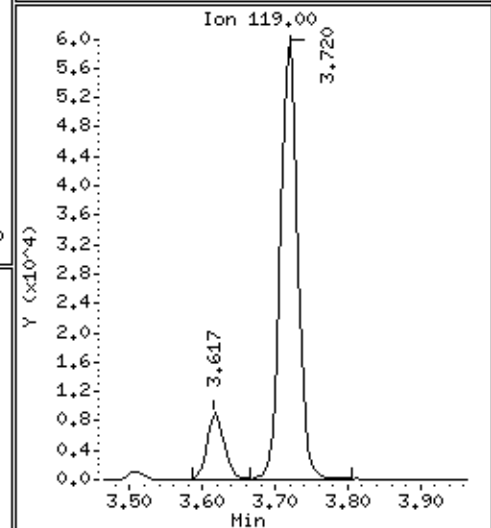
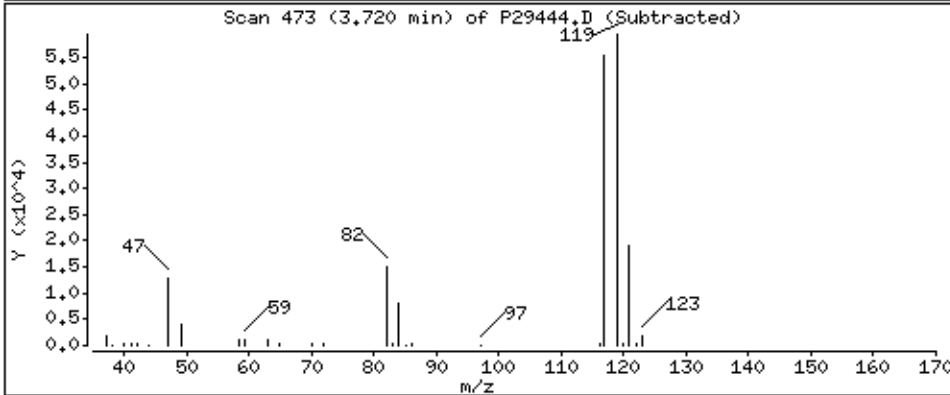
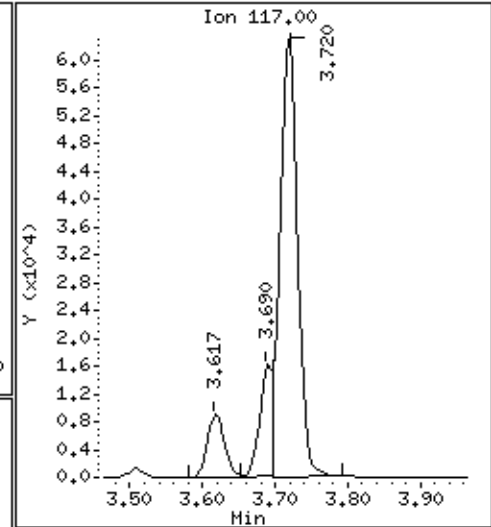
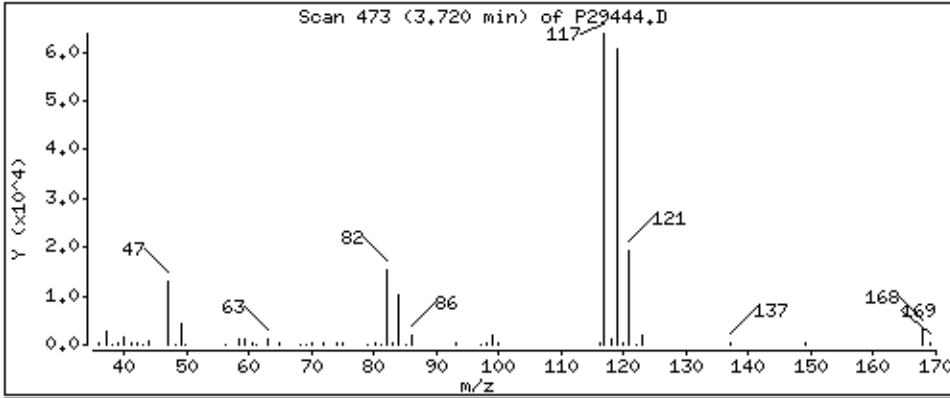
Column phase: RTX-624

Column diameter: 0,18

48 Carbon tetrachloride

Concentration: 43,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

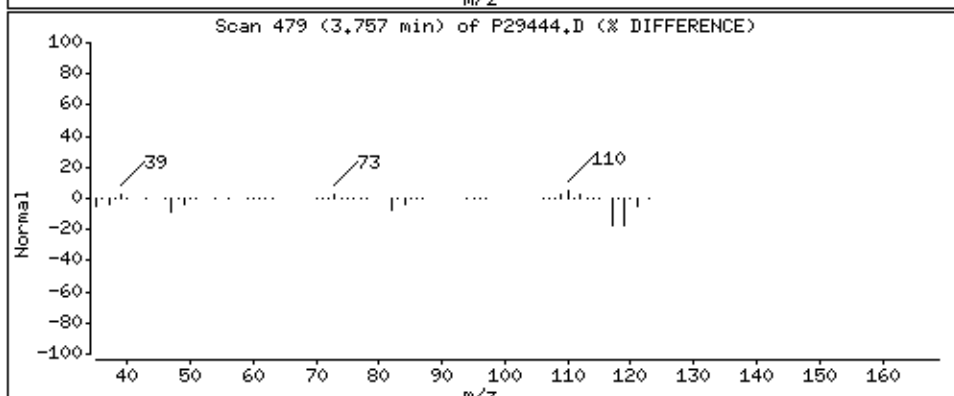
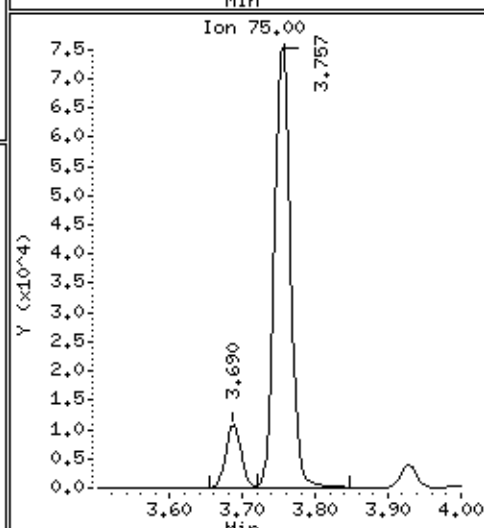
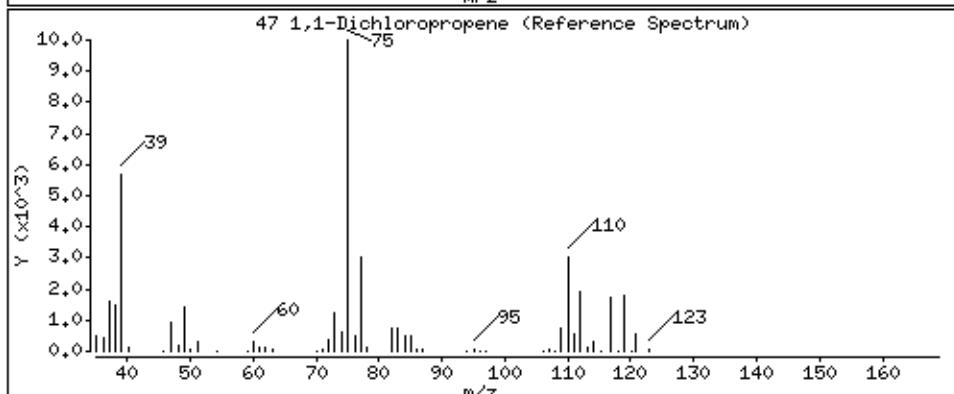
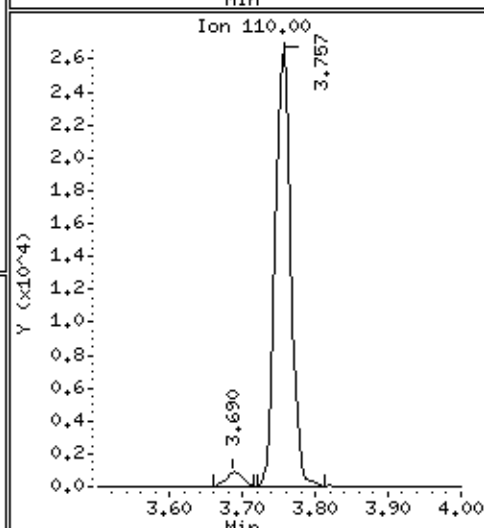
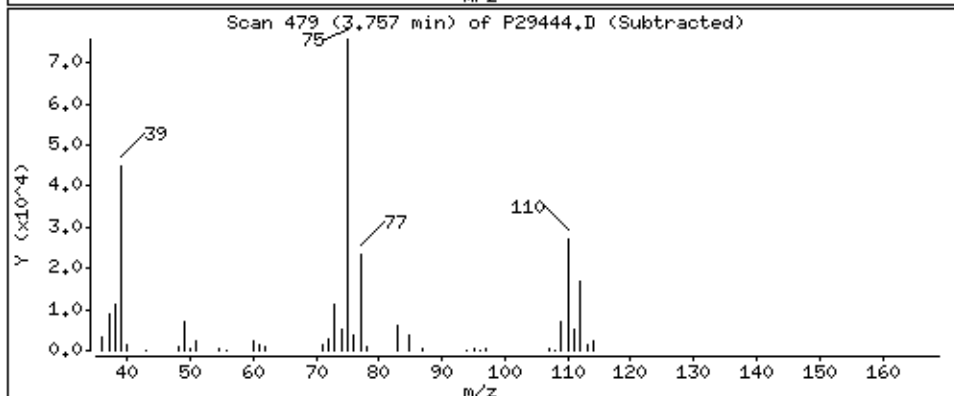
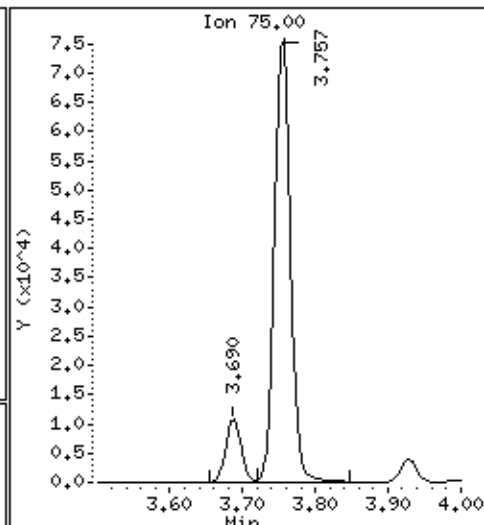
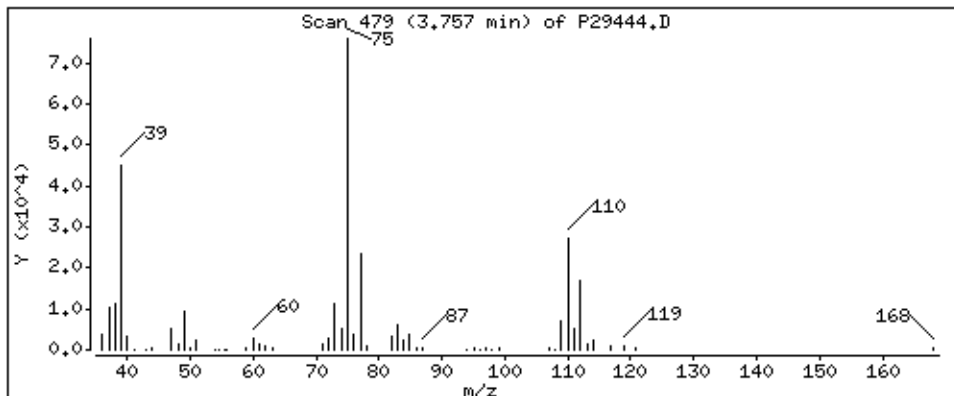
Column phase: RTX-624

Column diameter: 0,18

47 1,1-Dichloropropene

Concentration: 50,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

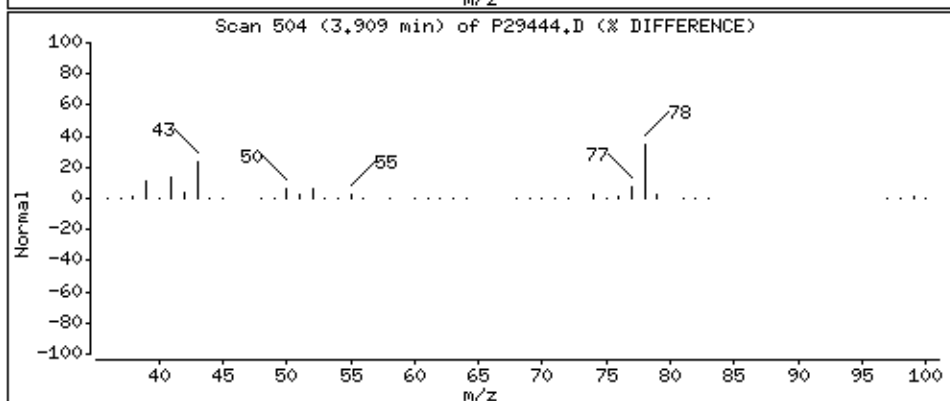
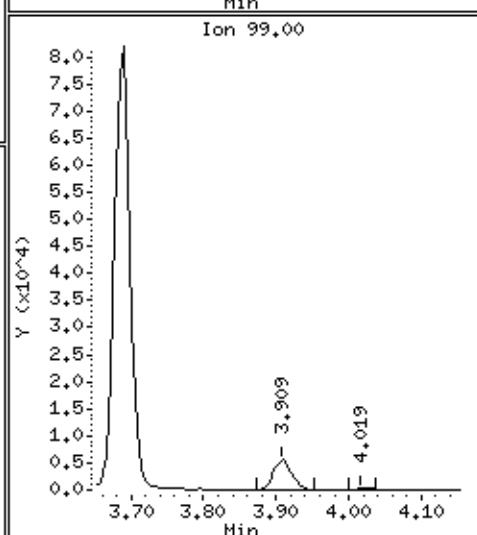
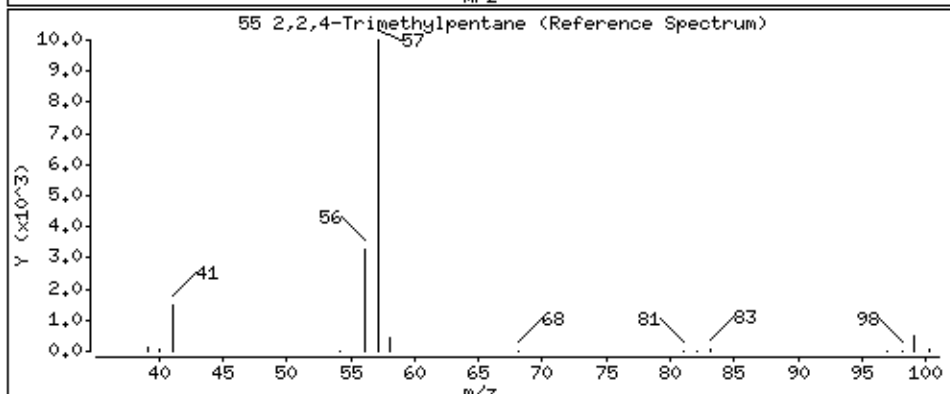
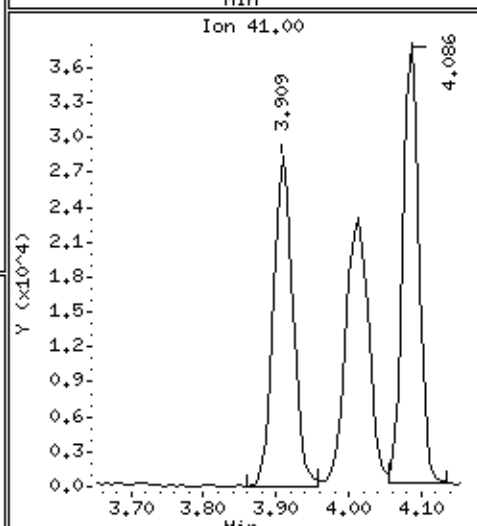
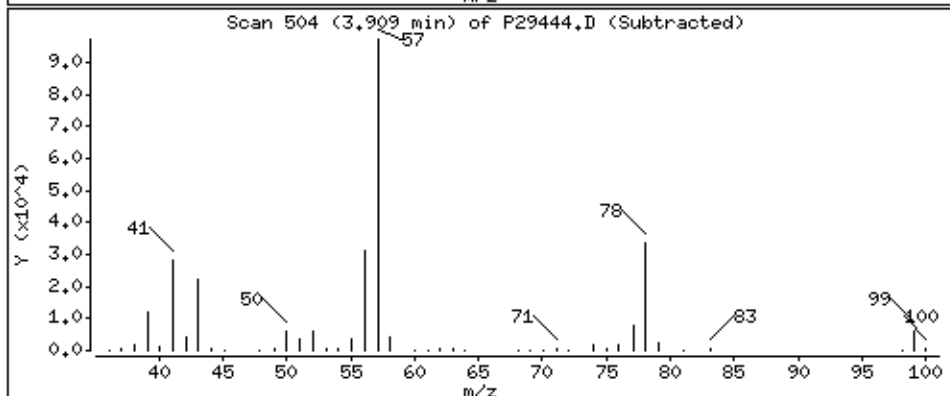
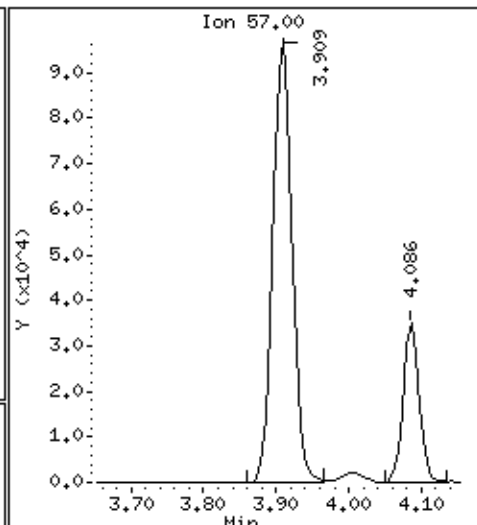
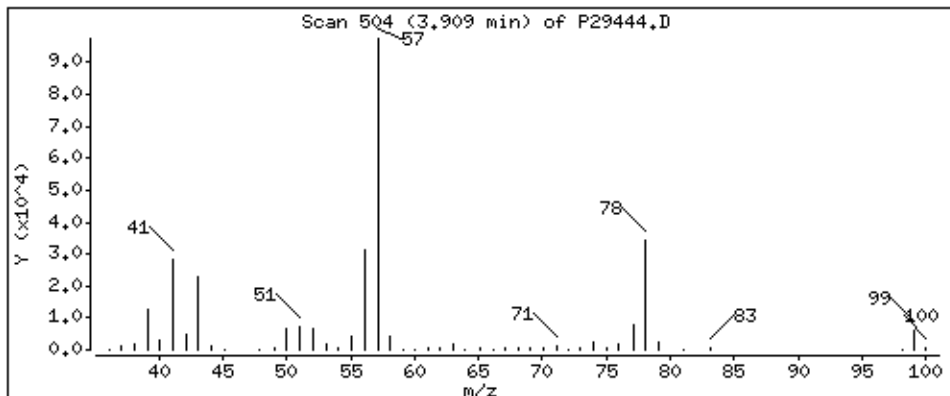
Column phase: RTX-624

Column diameter: 0,18

55 2,2,4-Trimethylpentane

Concentration: 39,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

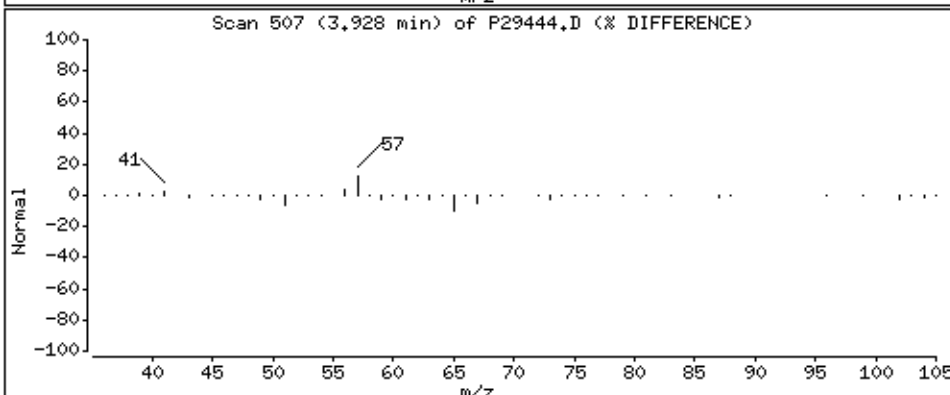
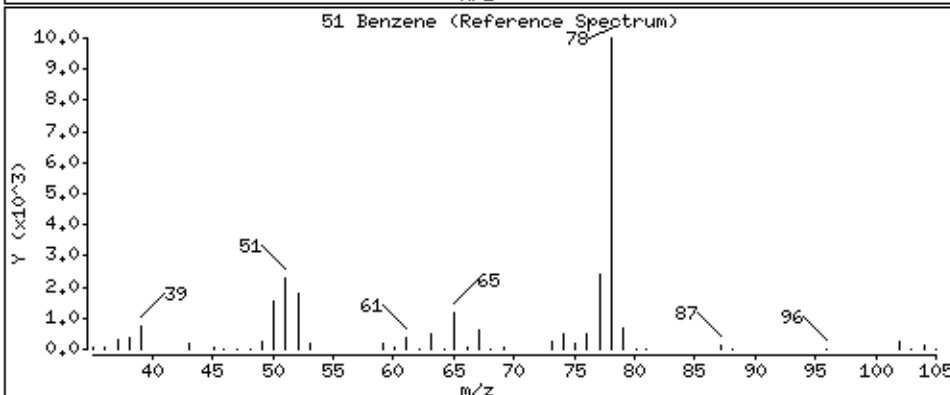
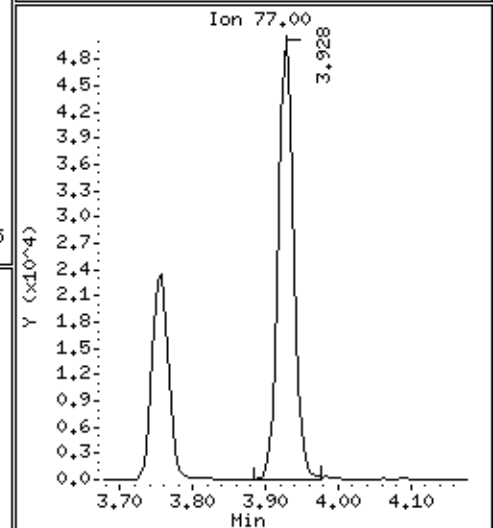
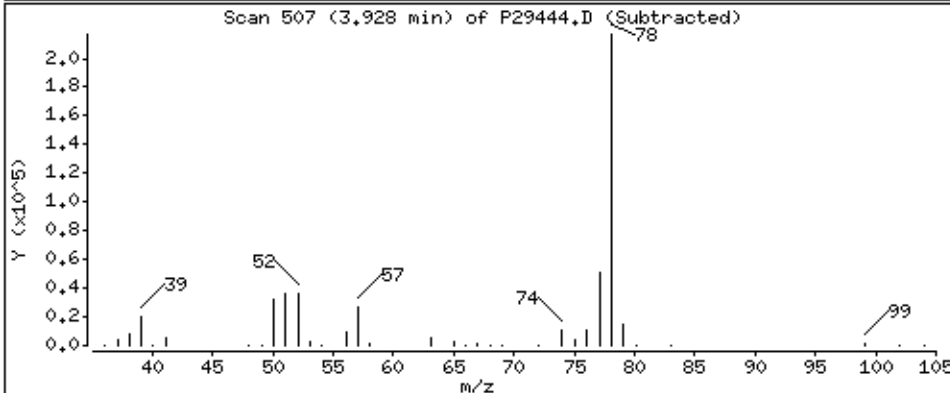
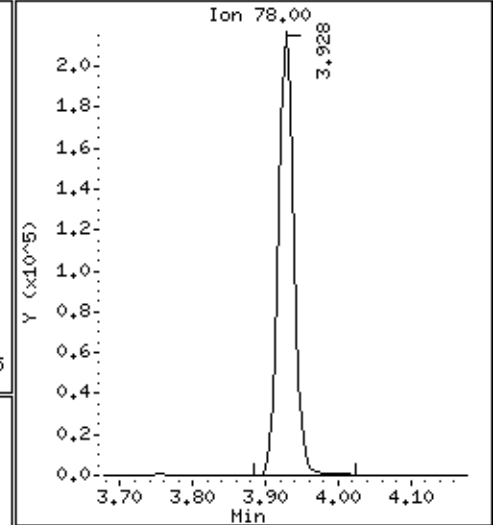
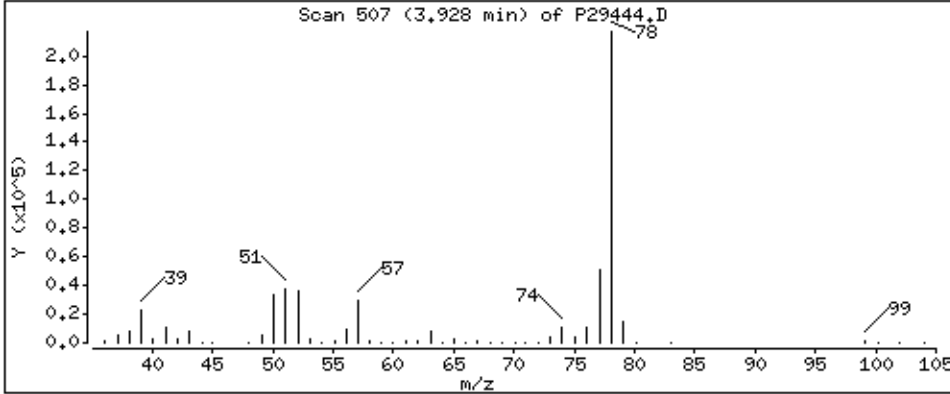
Column phase: RTX-624

Column diameter: 0,18

51 Benzene

Concentration: 50,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

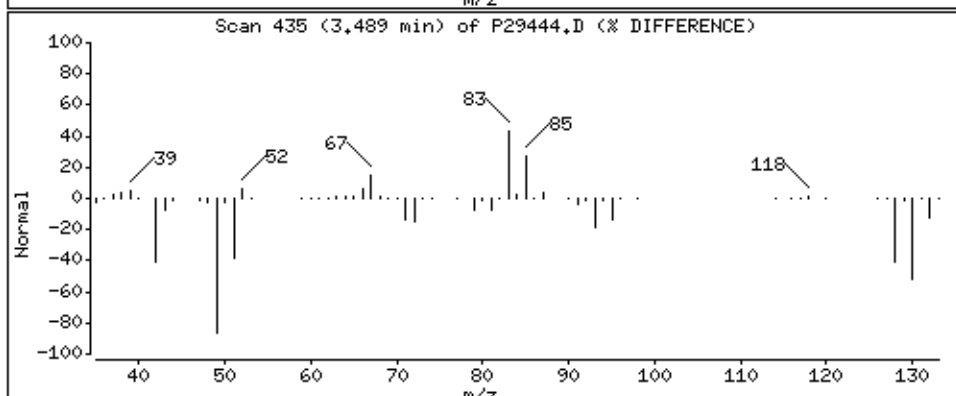
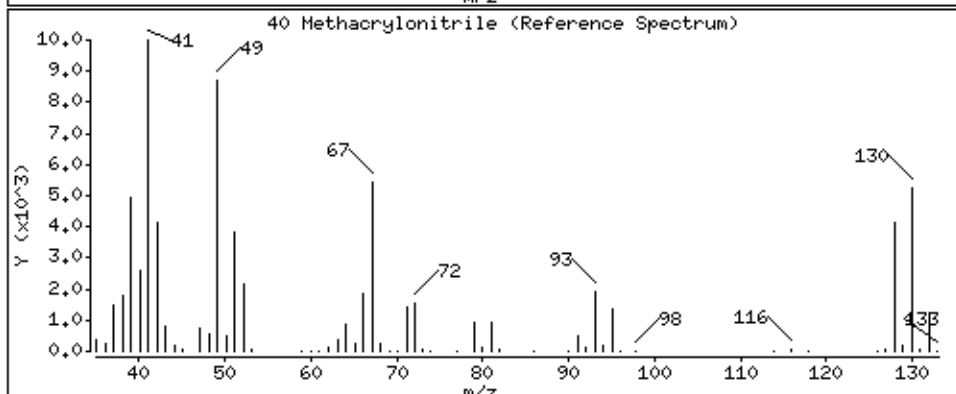
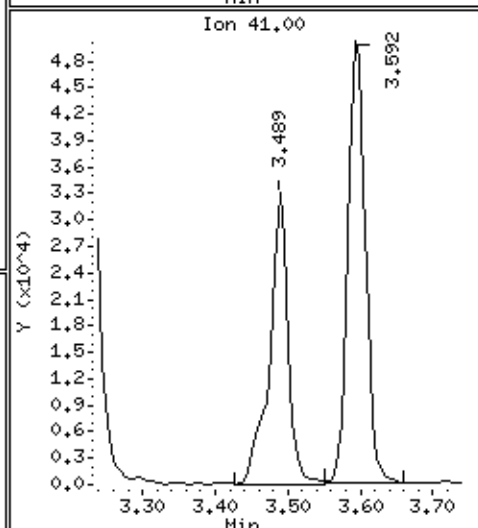
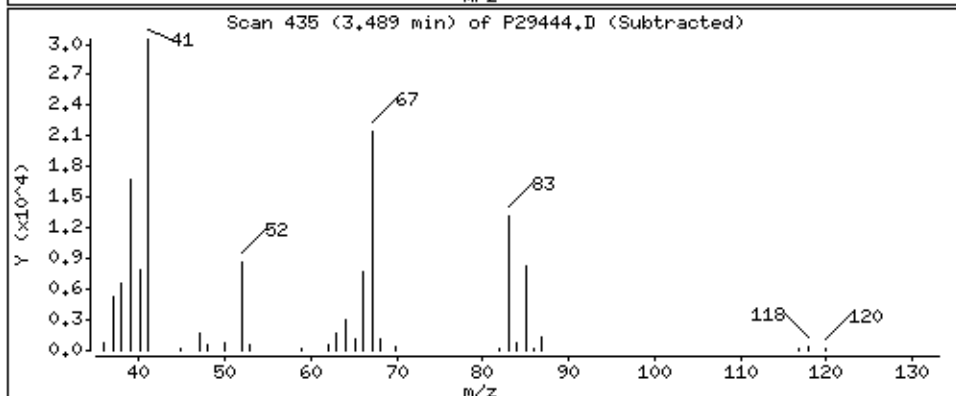
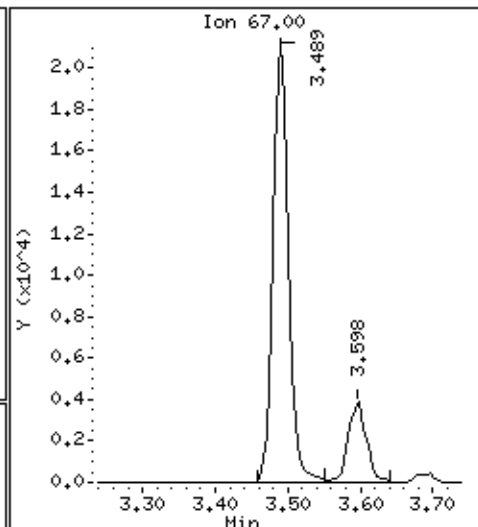
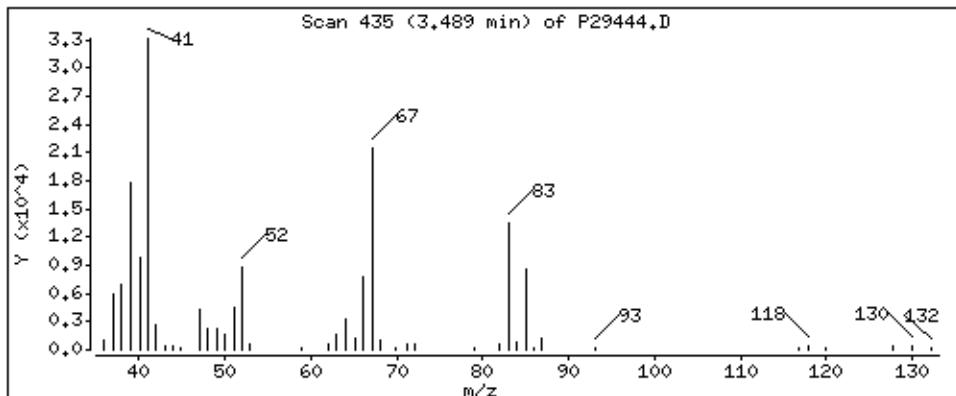
Column phase: RTX-624

Column diameter: 0,18

40 Methacrylonitrile

Concentration: 48,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

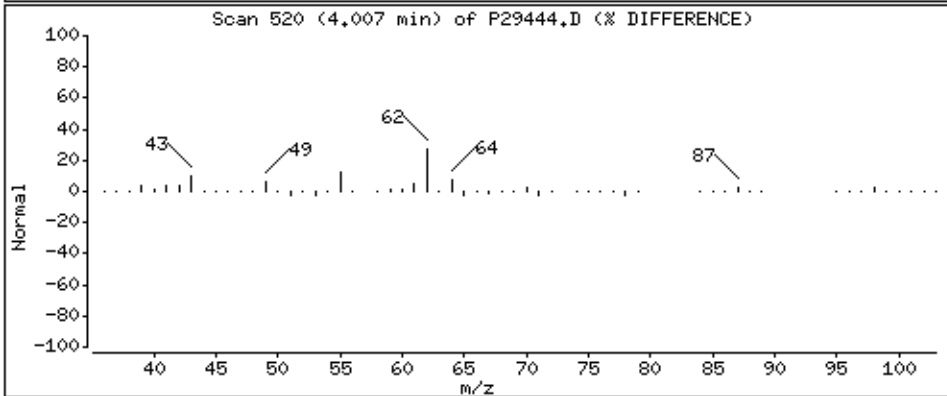
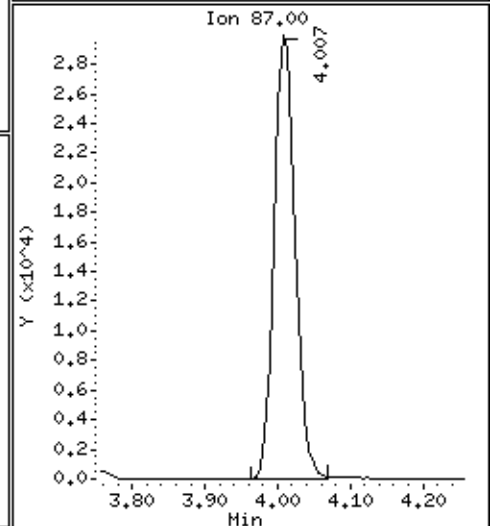
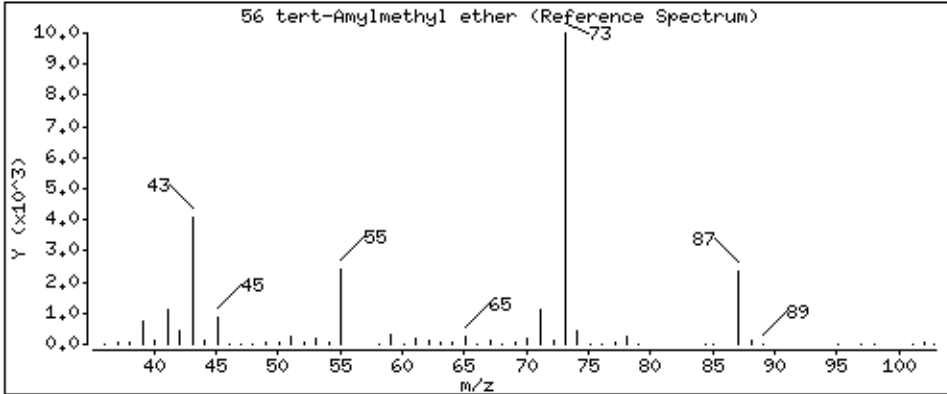
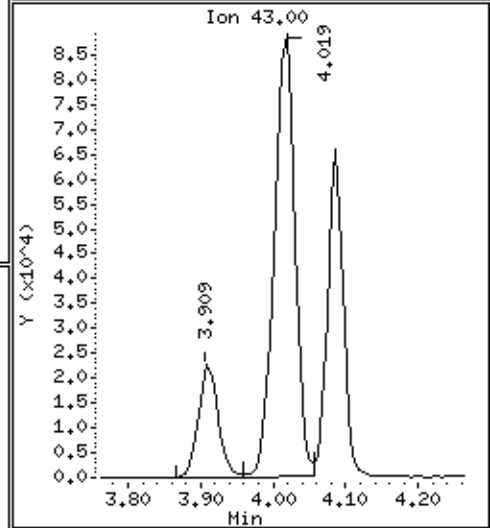
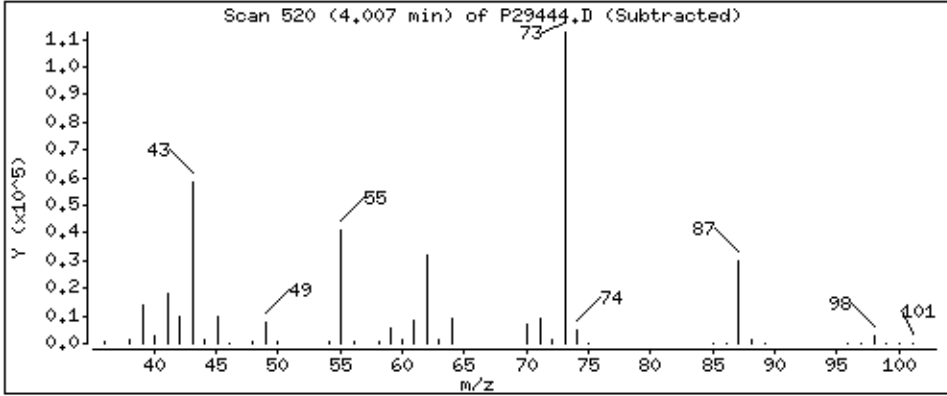
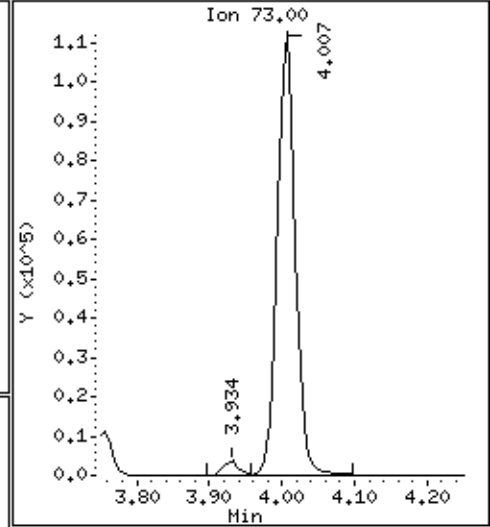
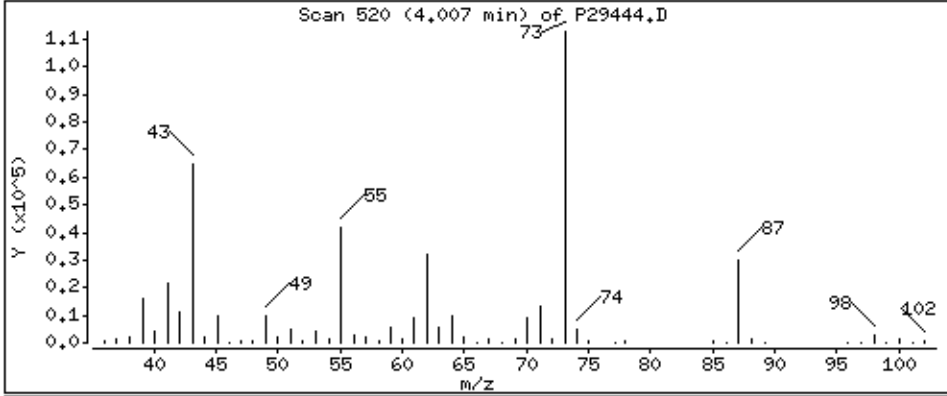
Column phase: RTX-624

Column diameter: 0,18

56 tert-Amylmethyl ether

Concentration: 39,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5,0

Operator: BBL

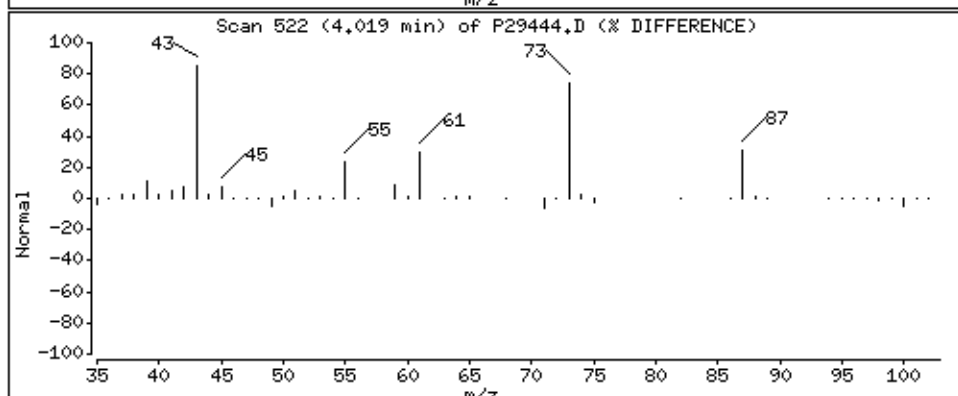
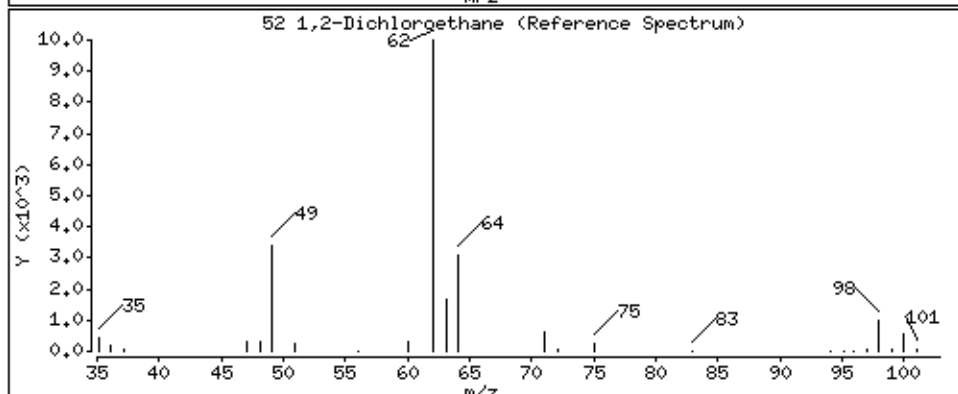
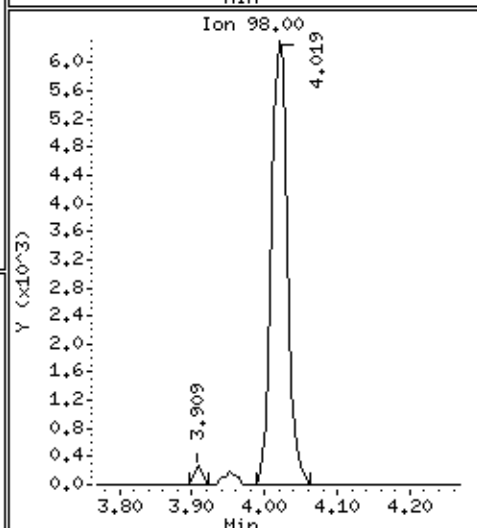
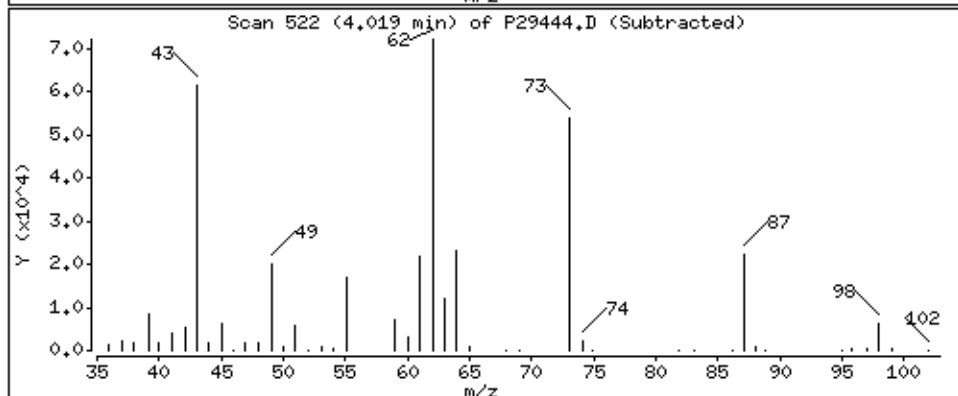
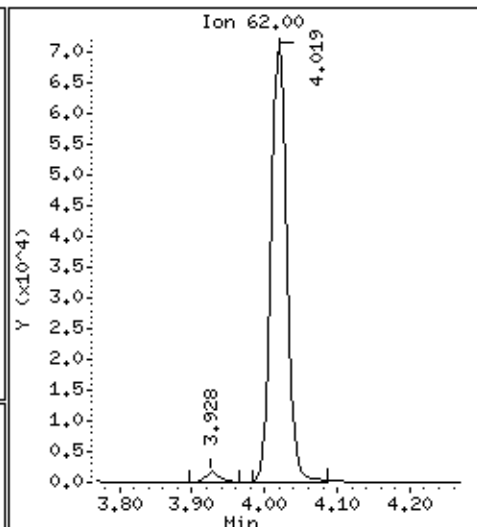
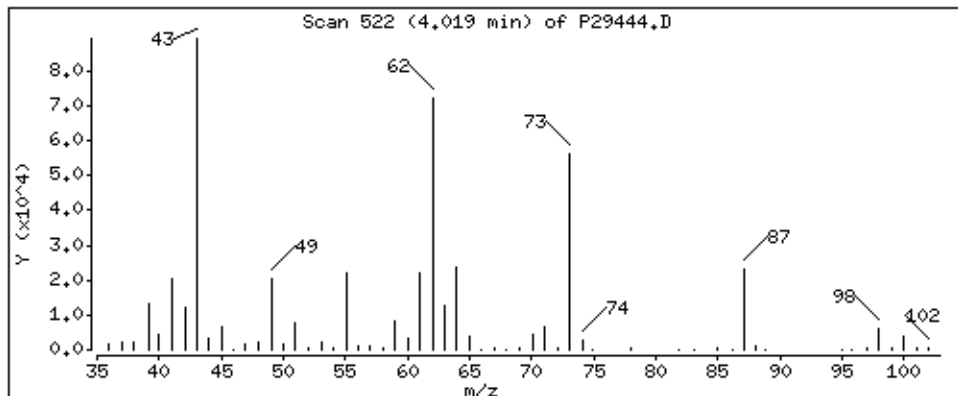
Column phase: RTX-624

Column diameter: 0,18

52 1,2-Dichloroethane

Concentration: 45,5 ug/L

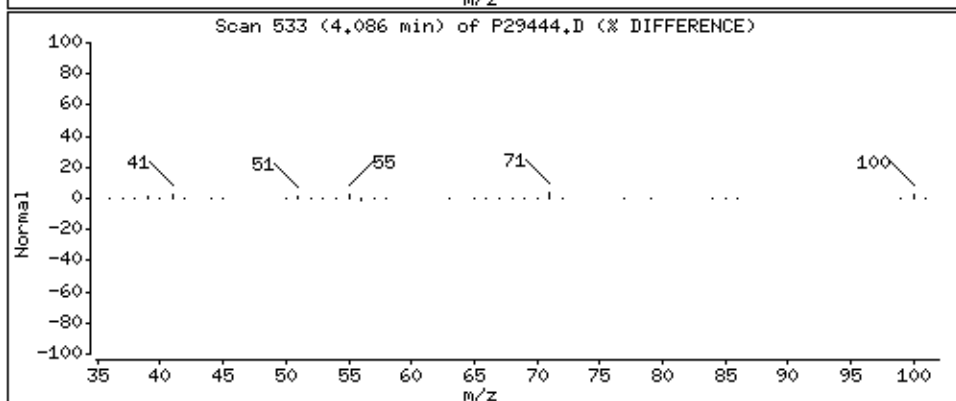
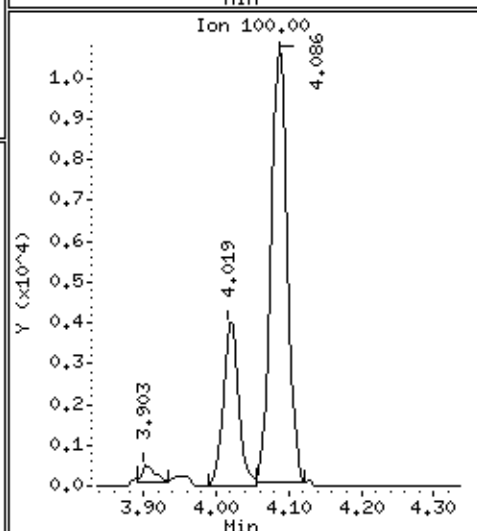
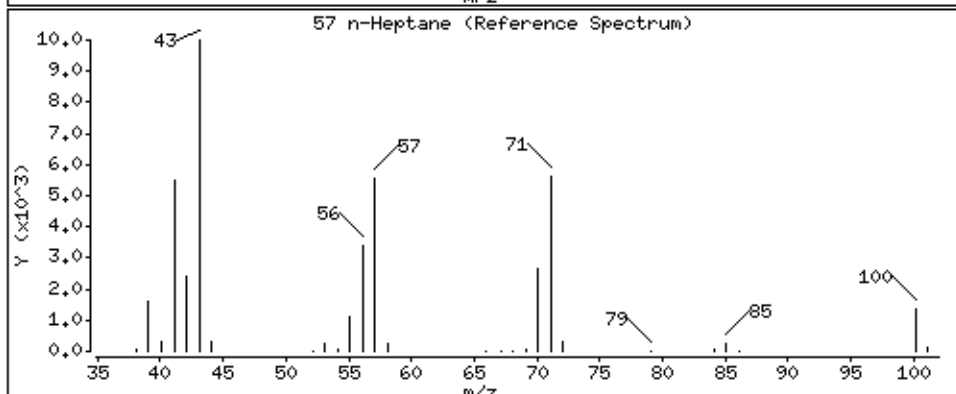
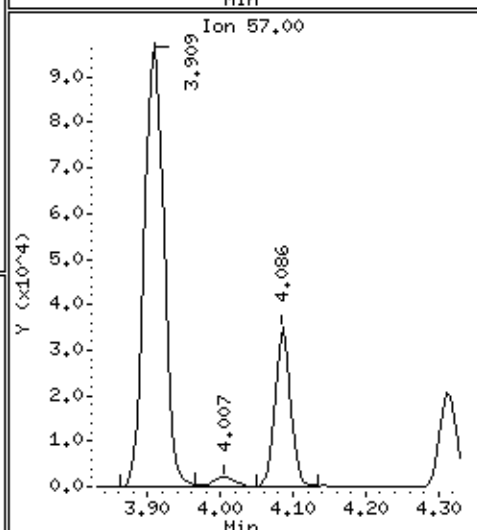
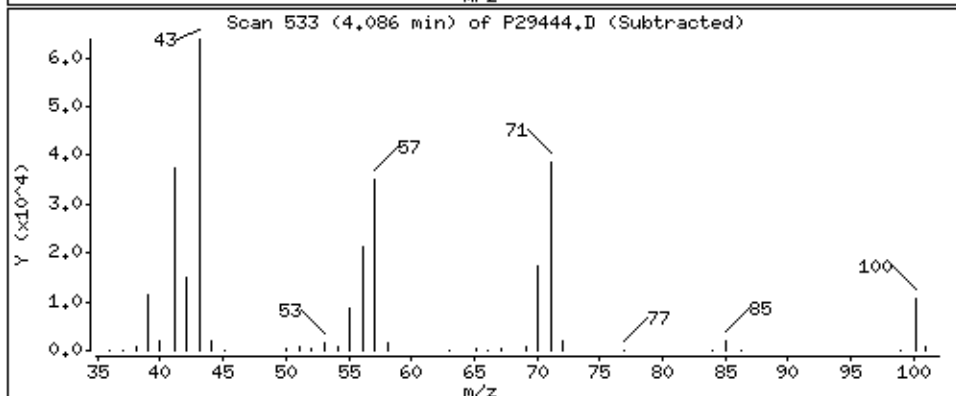
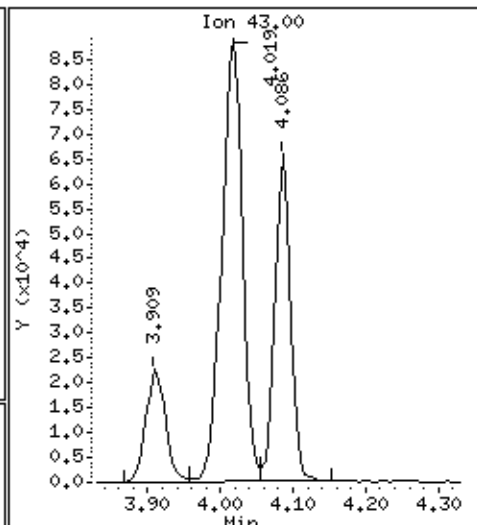
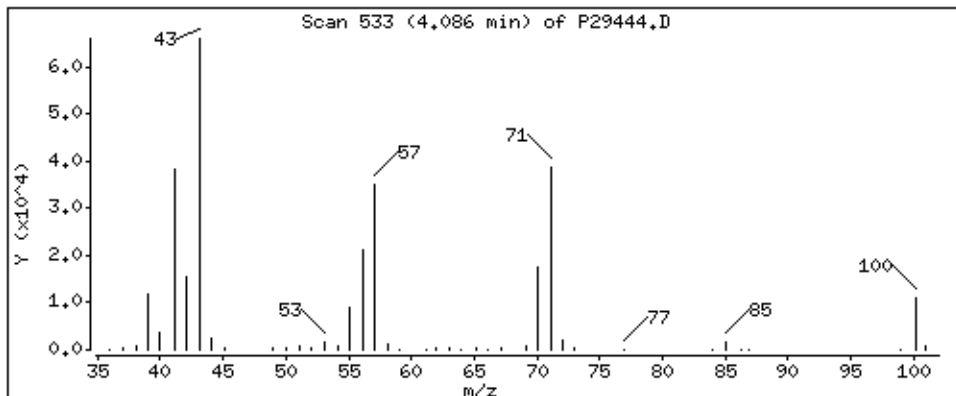
Review Code:



57 n-Heptane

Concentration: 42.9 ug/L

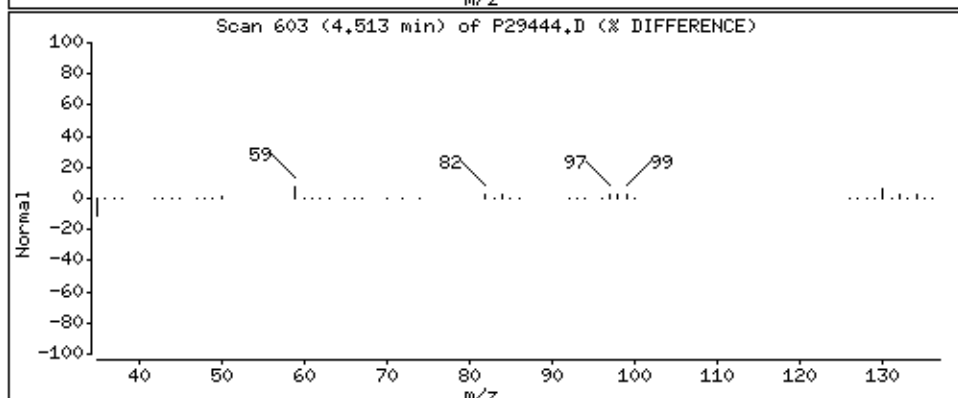
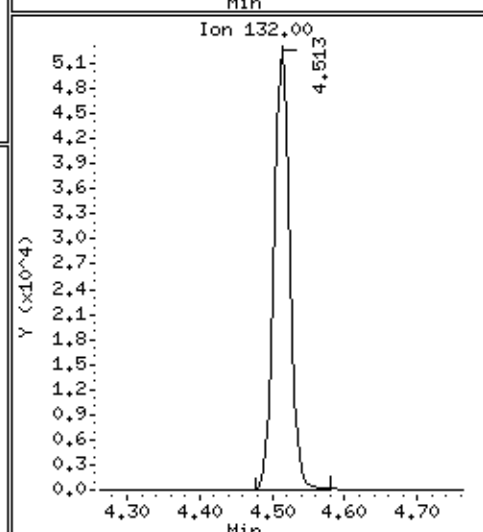
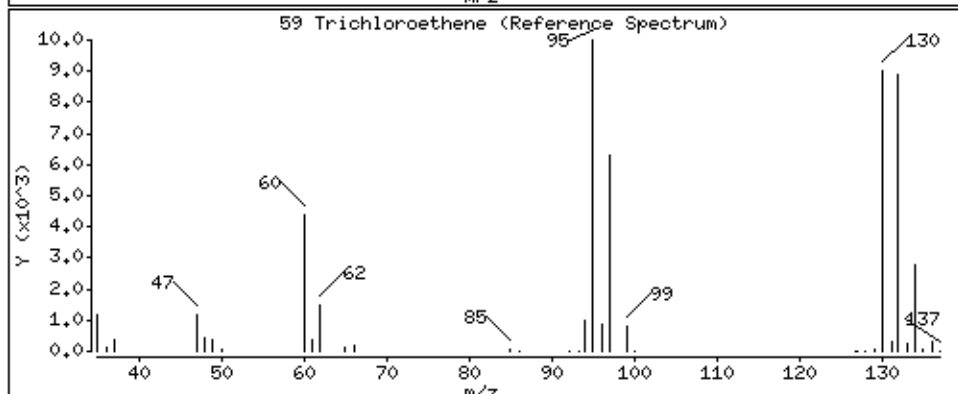
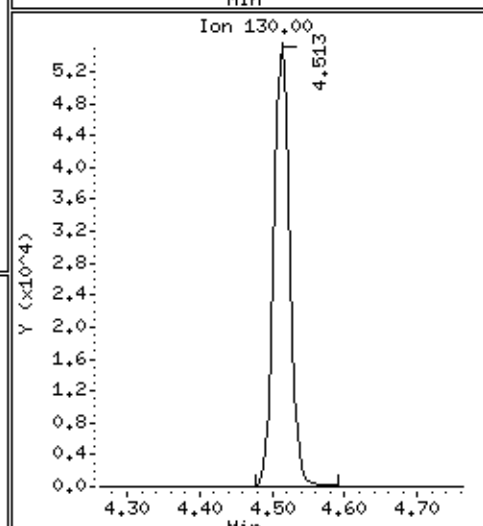
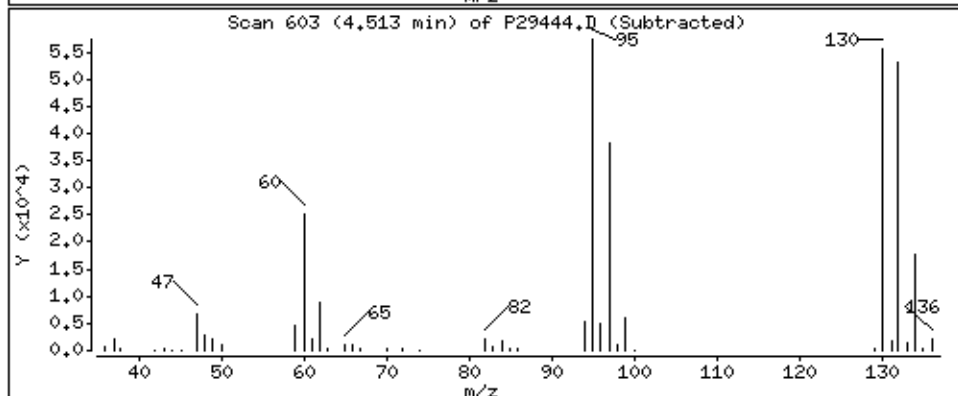
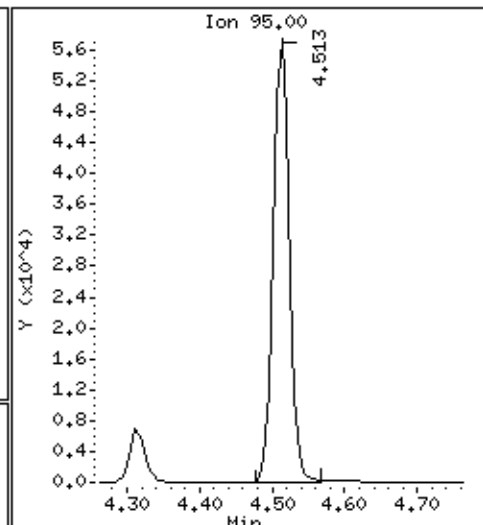
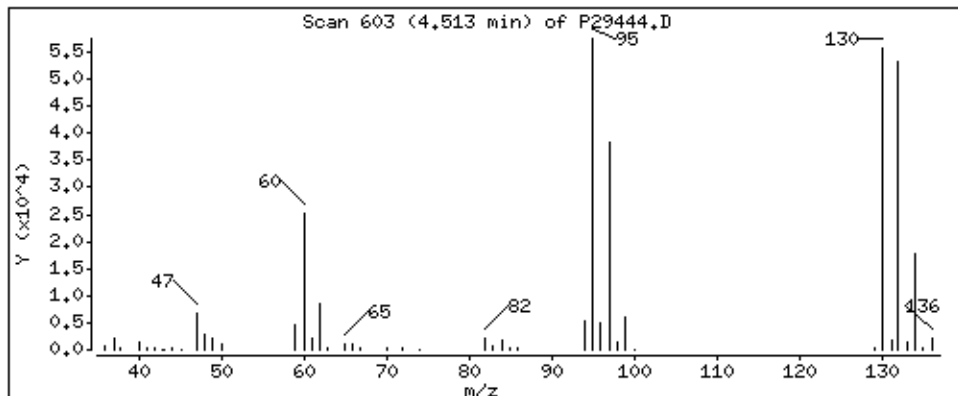
Review Code:



59 Trichloroethene

Concentration: 49.0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

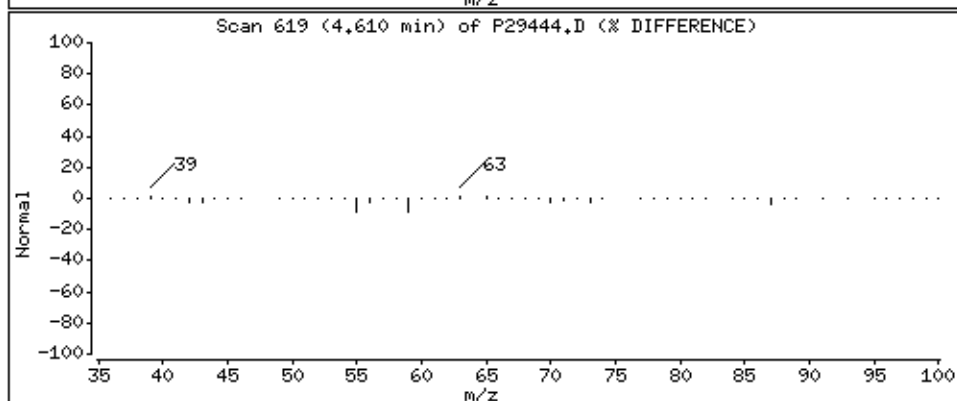
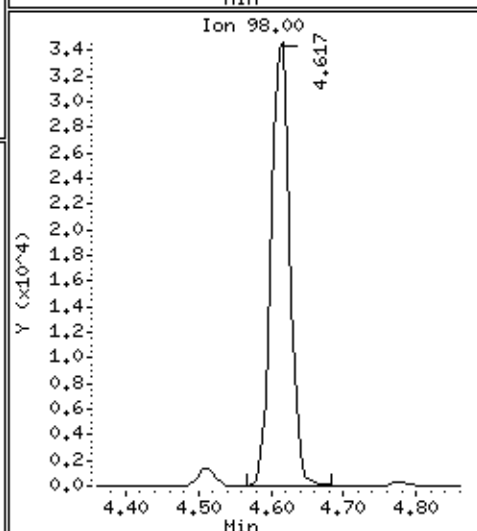
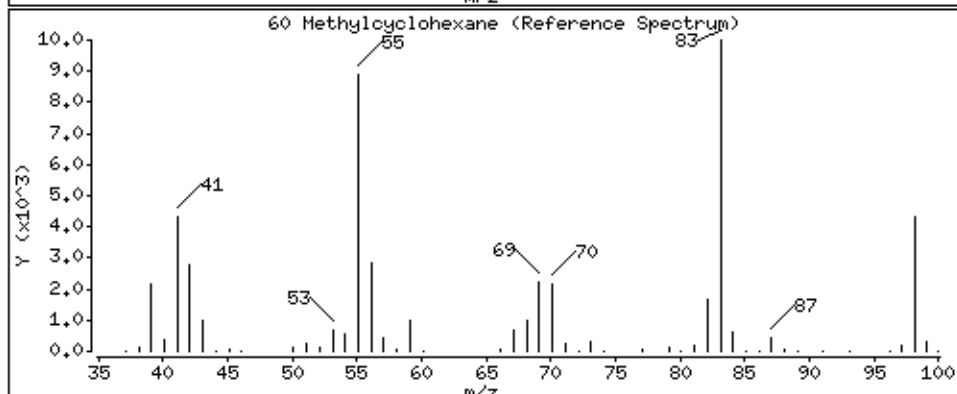
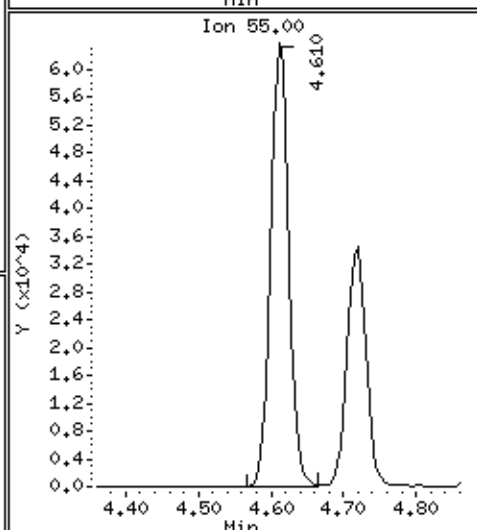
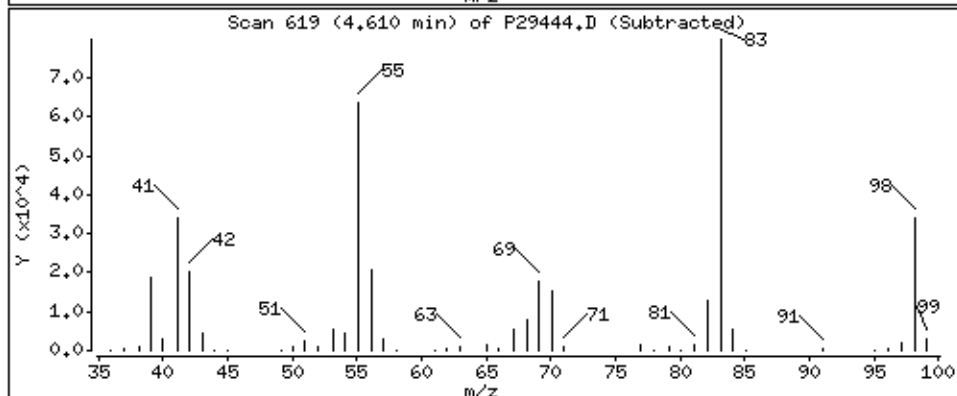
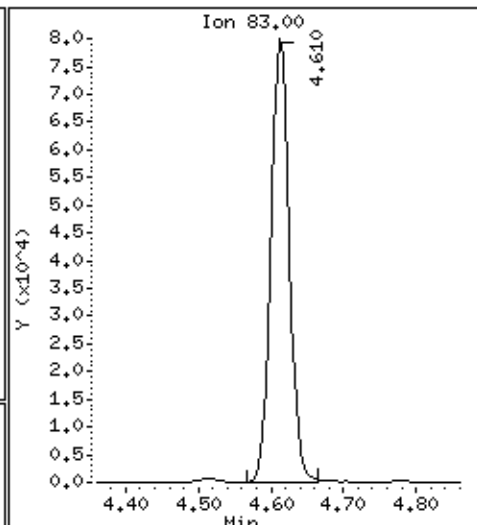
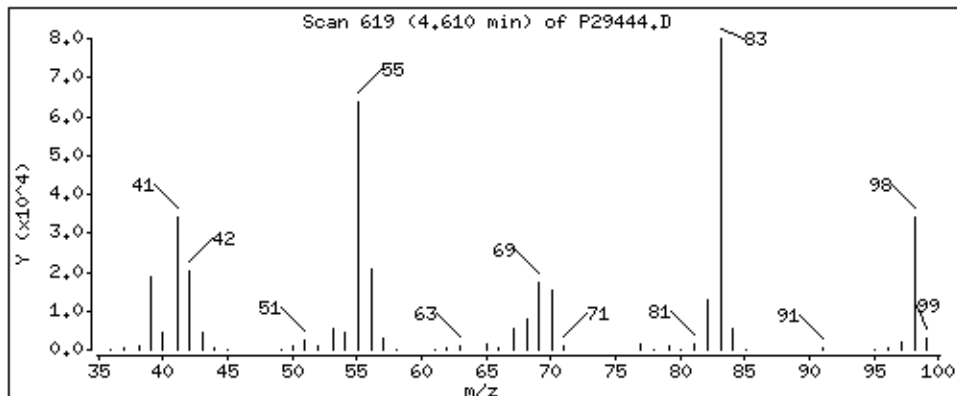
Column phase: RTX-624

Column diameter: 0,18

60 Methylcyclohexane

Concentration: 42.5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

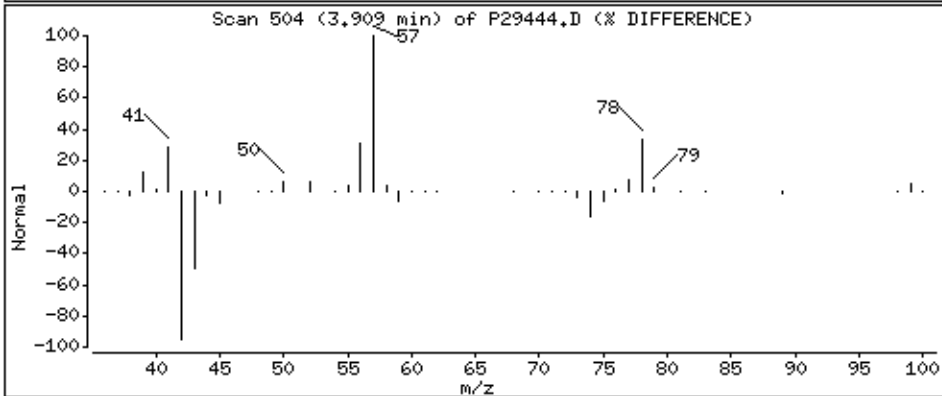
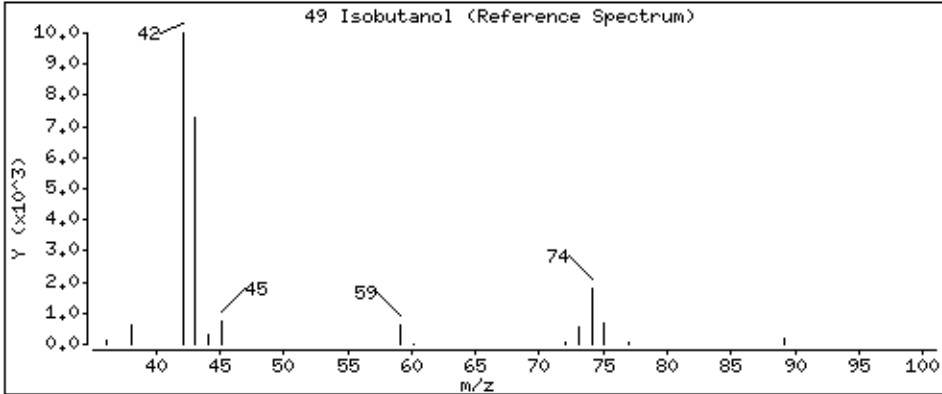
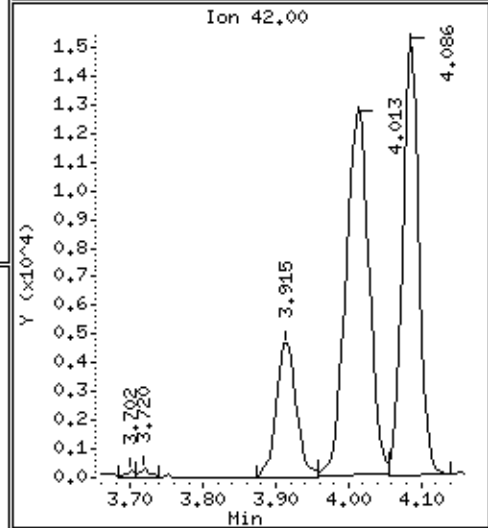
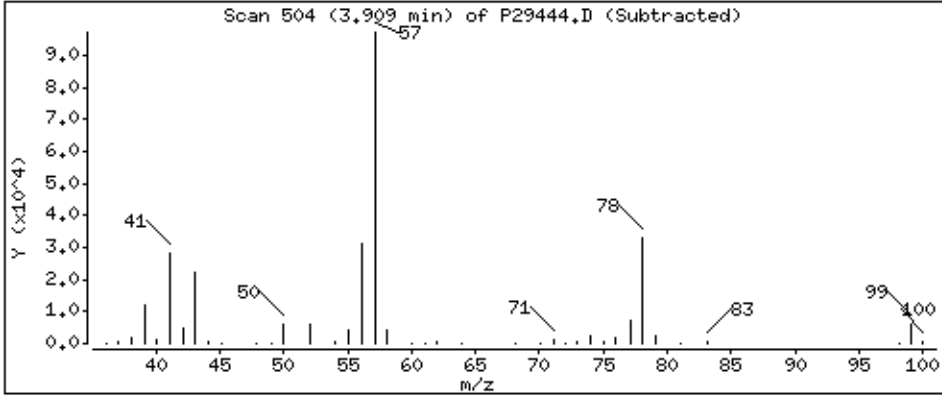
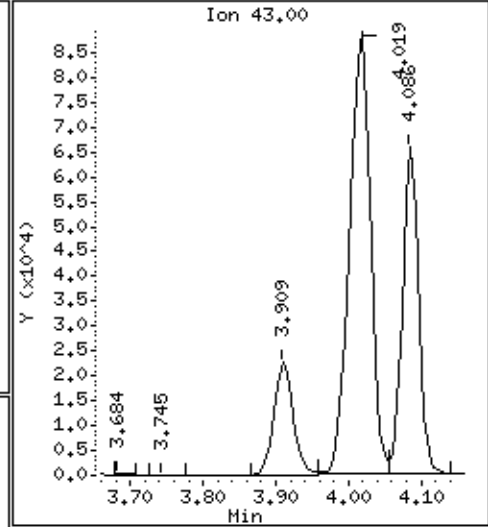
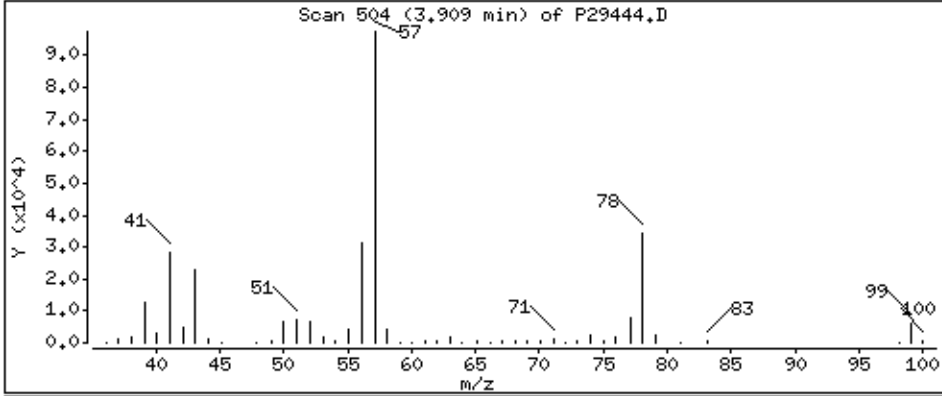
Column phase: RTX-624

Column diameter: 0.18

49 Isobutanol

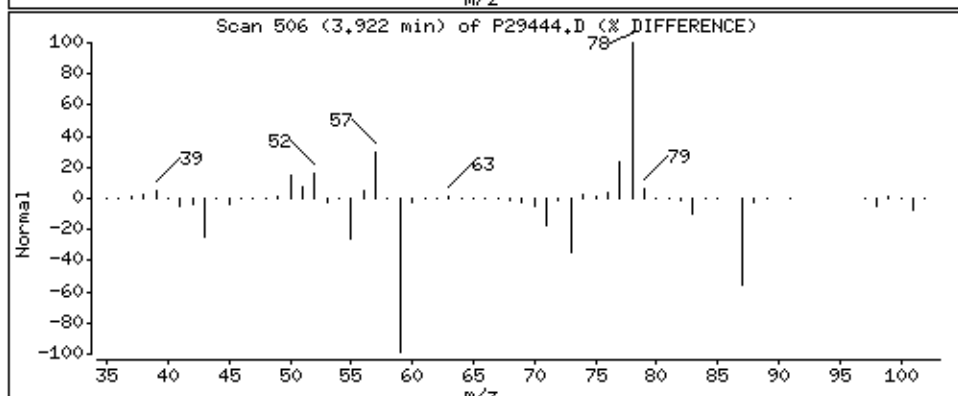
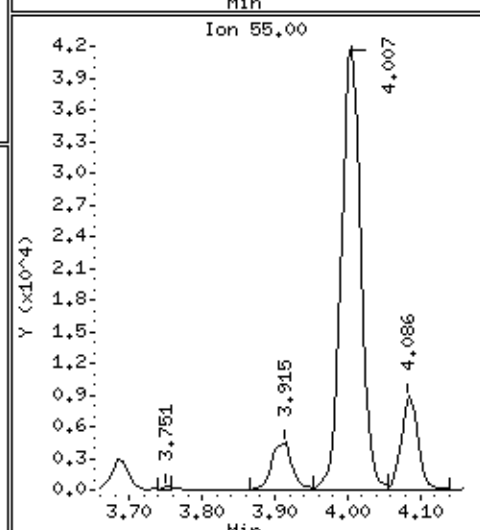
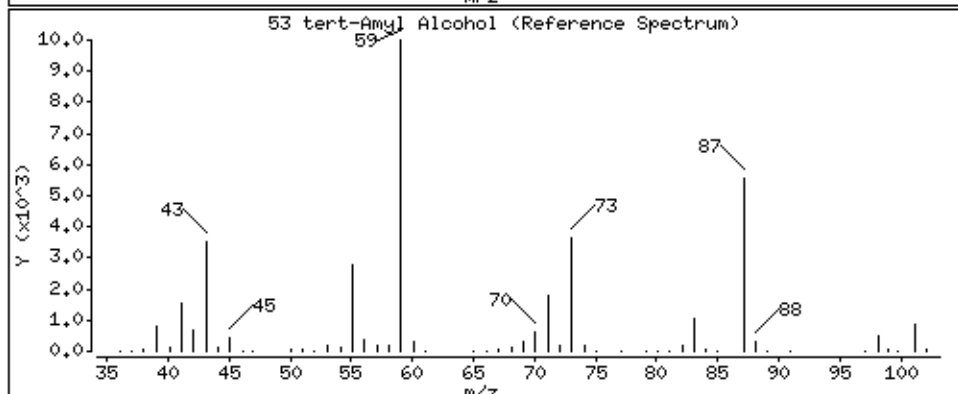
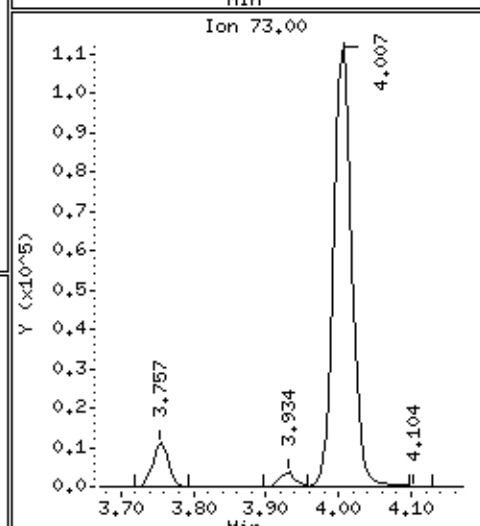
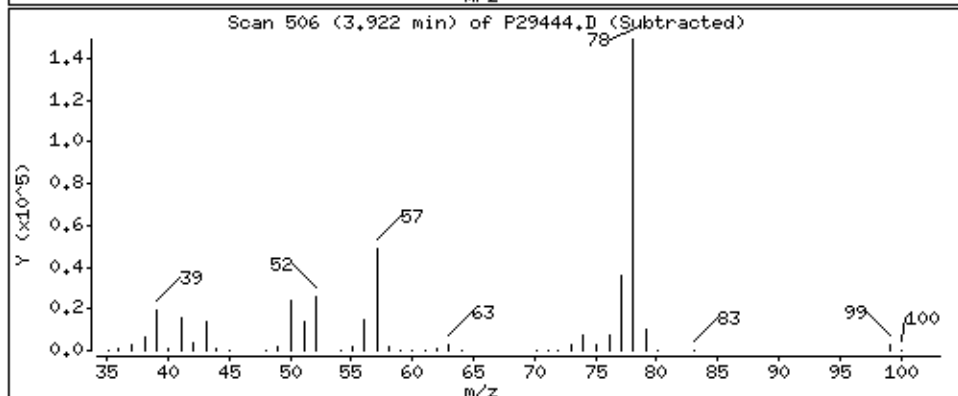
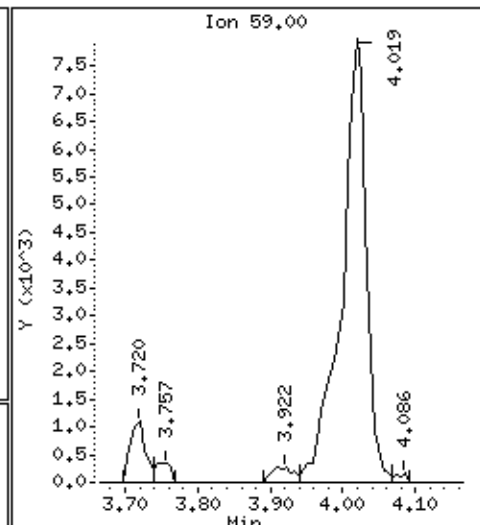
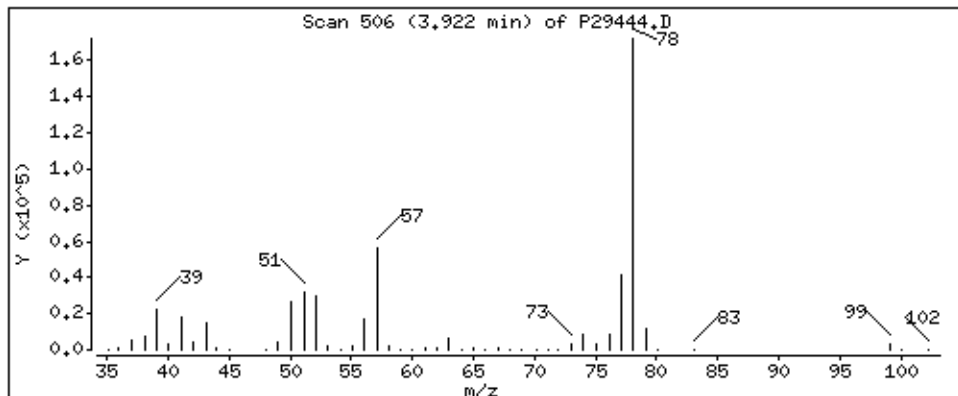
Concentration: 209 ug/L

Review Code:



53 tert-Amyl Alcohol

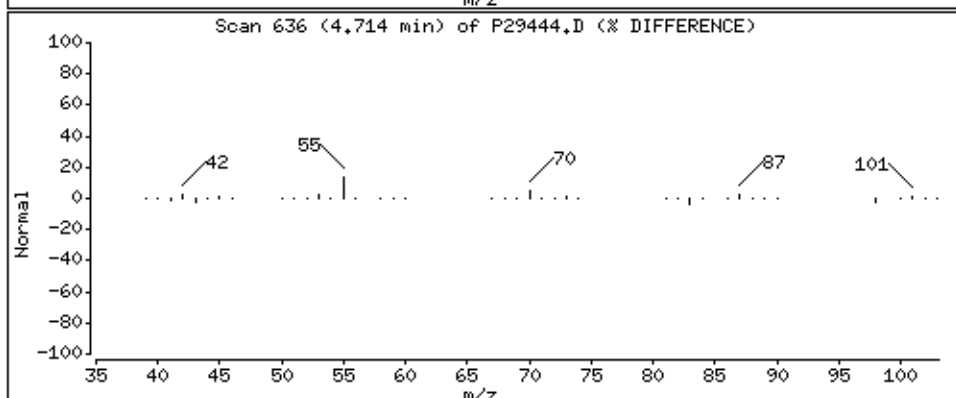
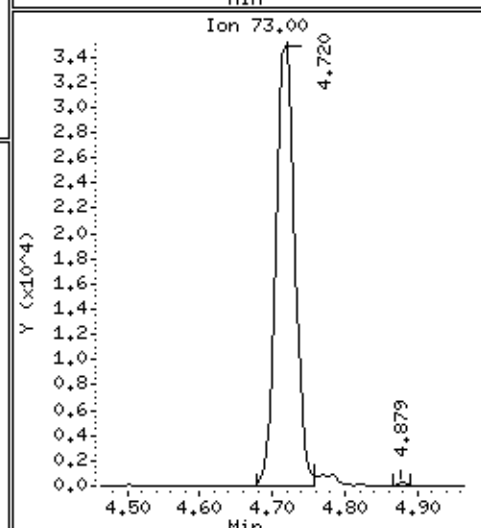
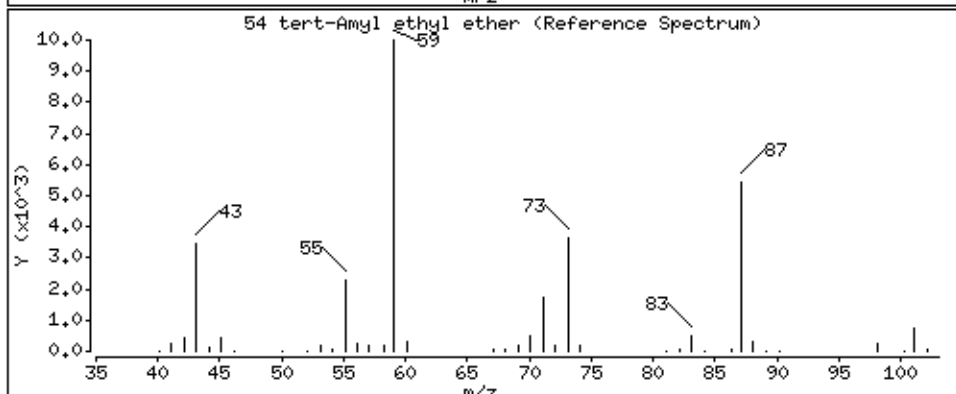
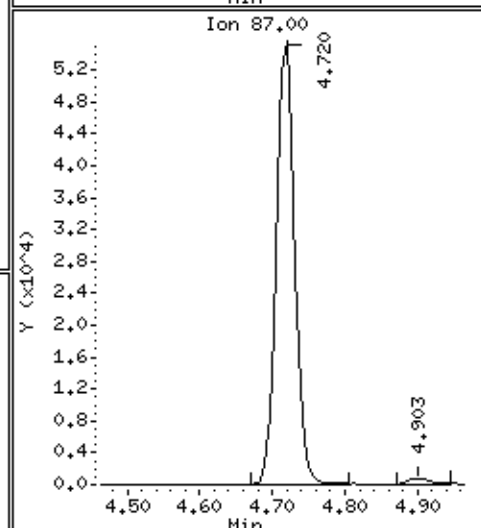
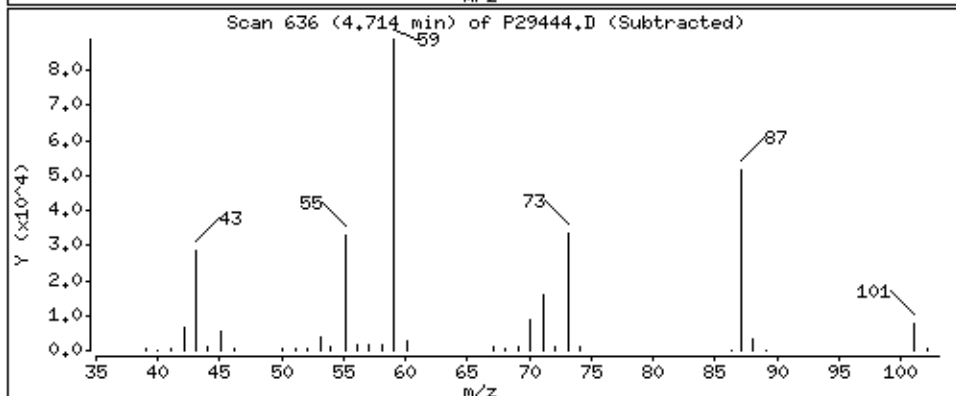
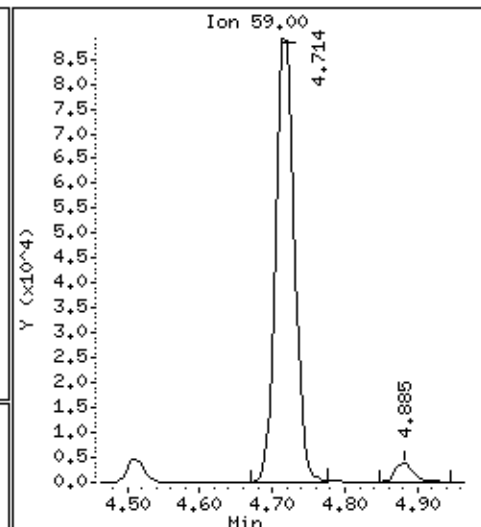
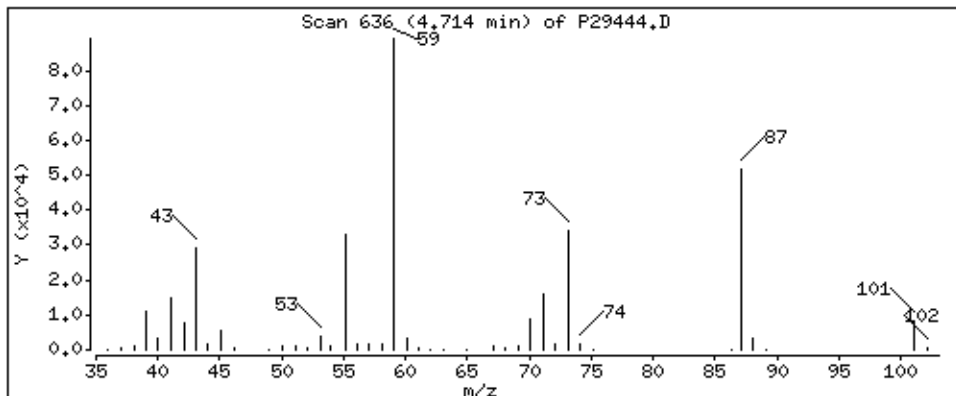
Review Code:



54 tert-Amyl ethyl ether

Concentration: 37,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

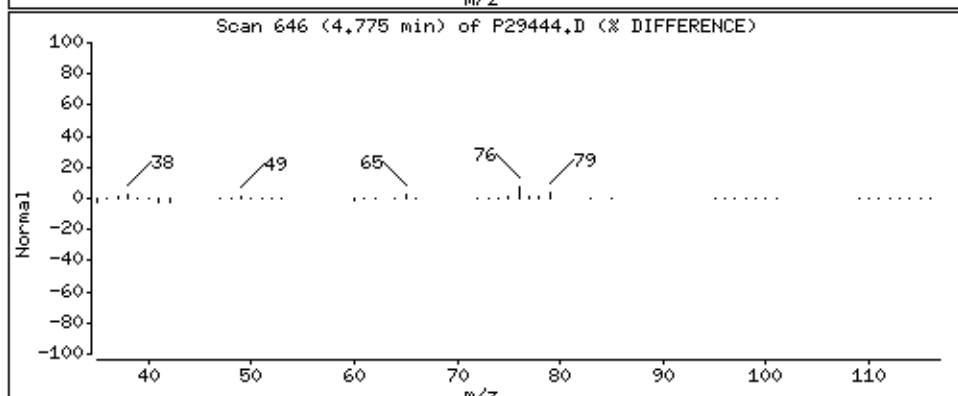
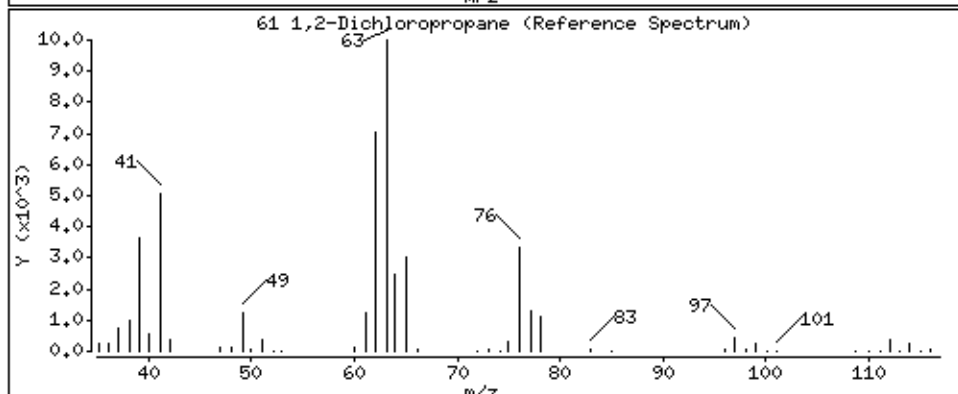
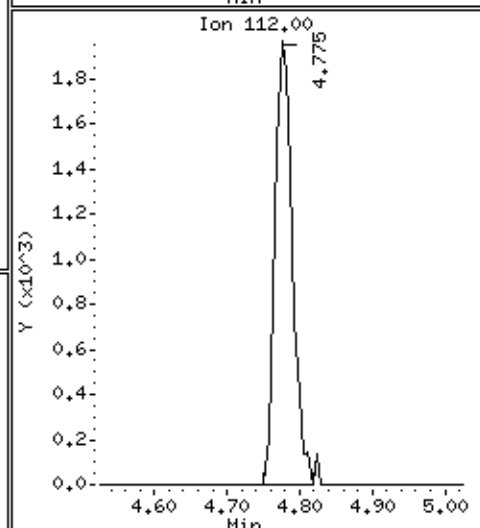
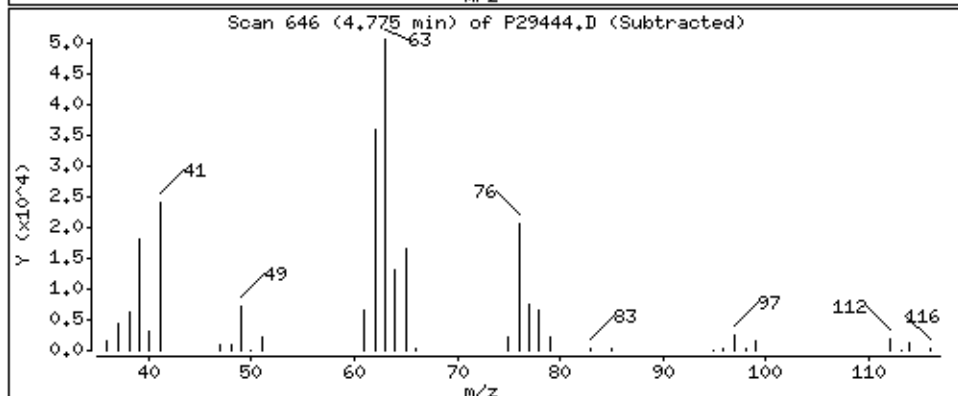
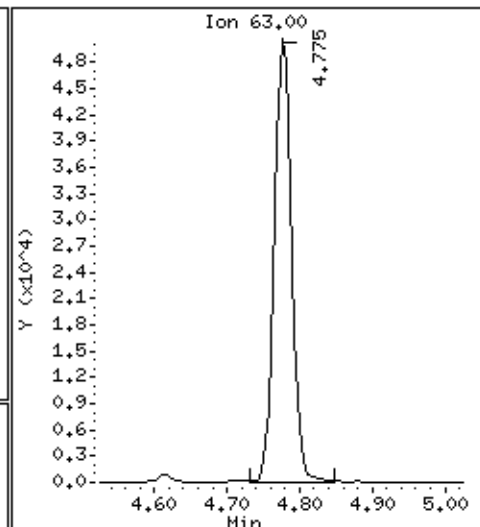
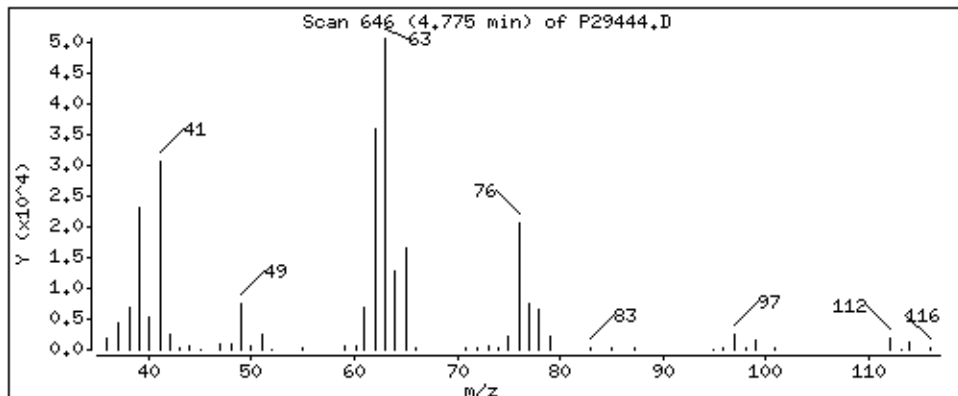
Column phase: RTX-624

Column diameter: 0,18

61 1,2-Dichloropropane

Concentration: 51.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

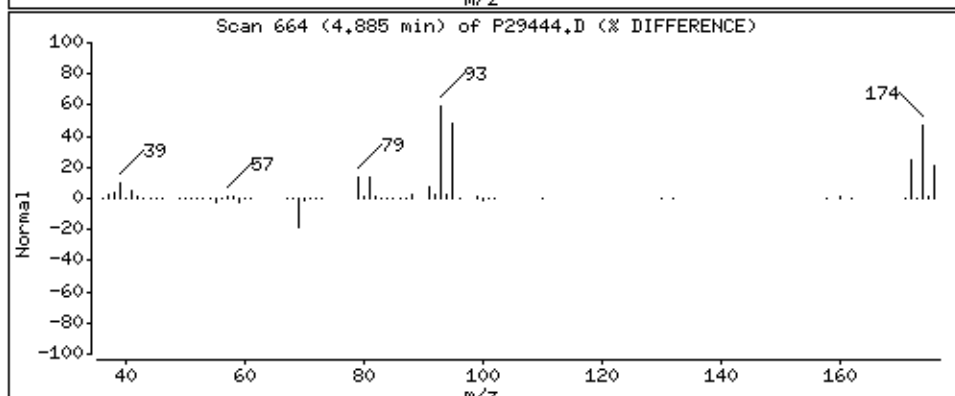
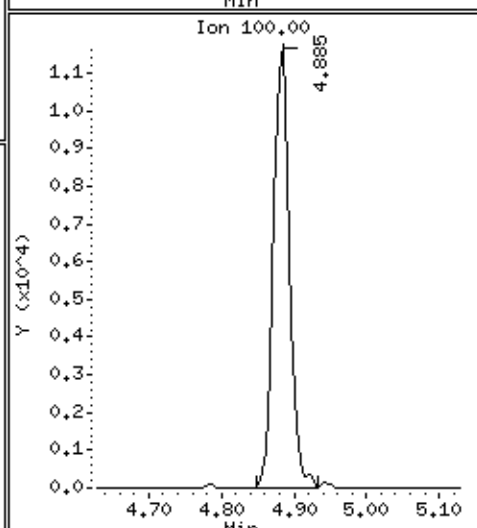
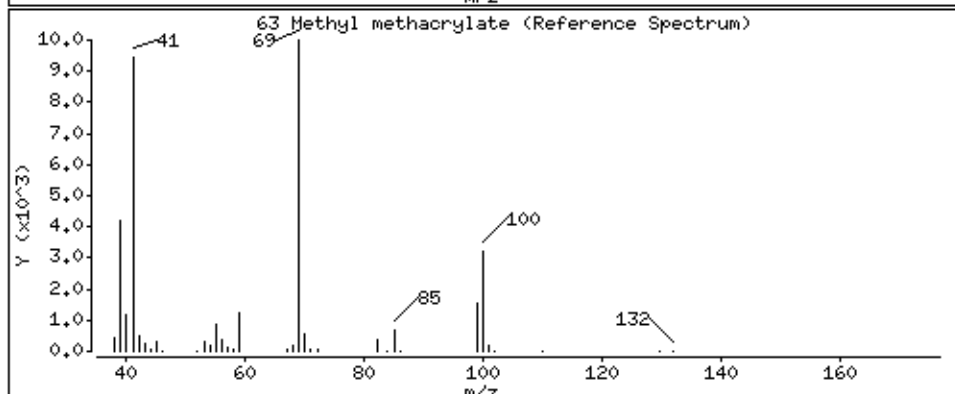
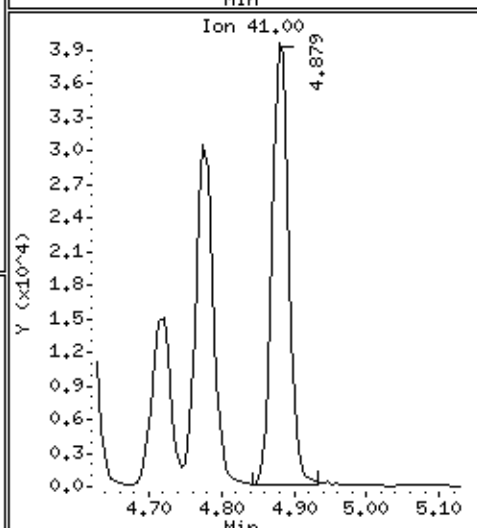
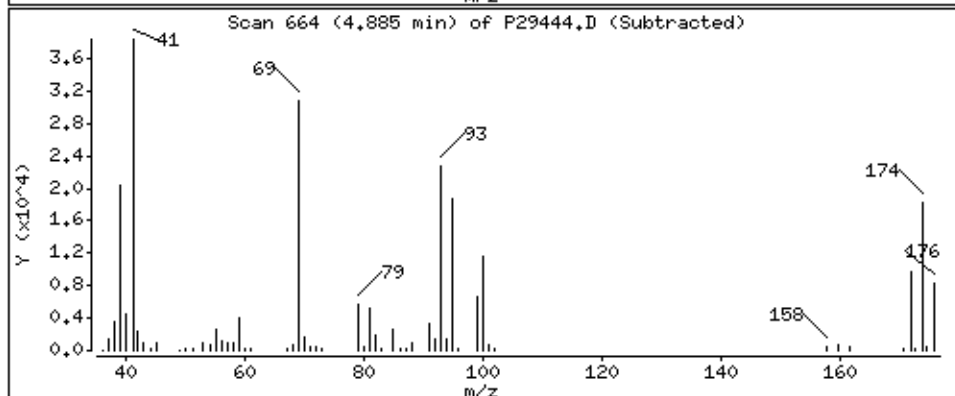
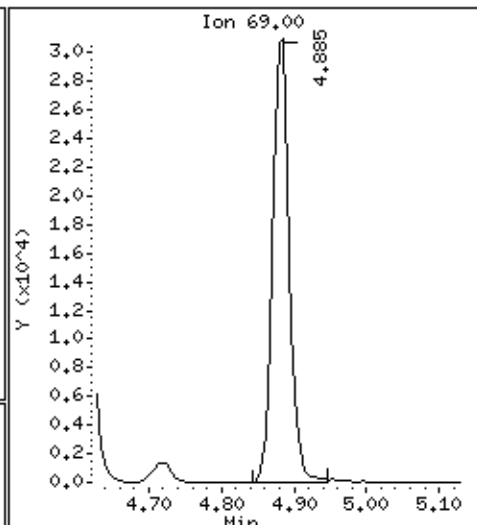
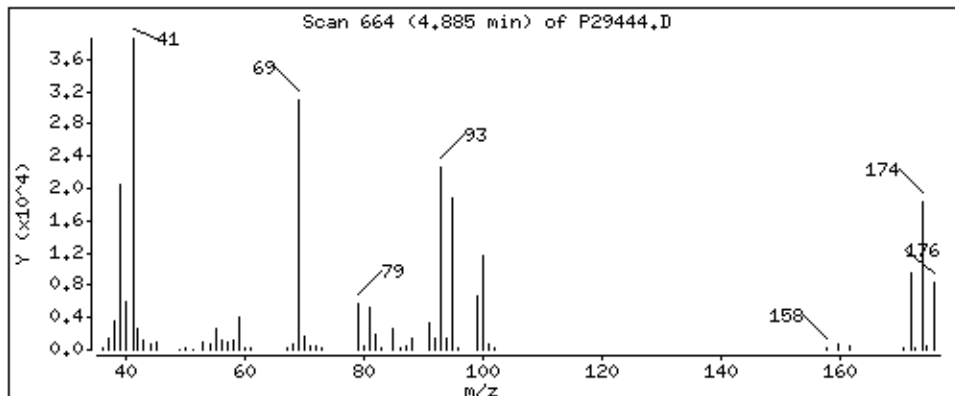
Column phase: RTX-624

Column diameter: 0,18

63 Methyl methacrylate

Concentration: 47.0 ug/L

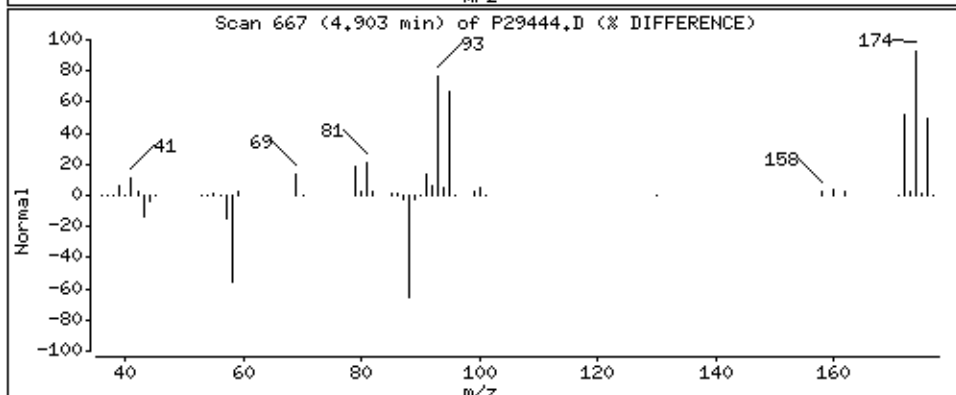
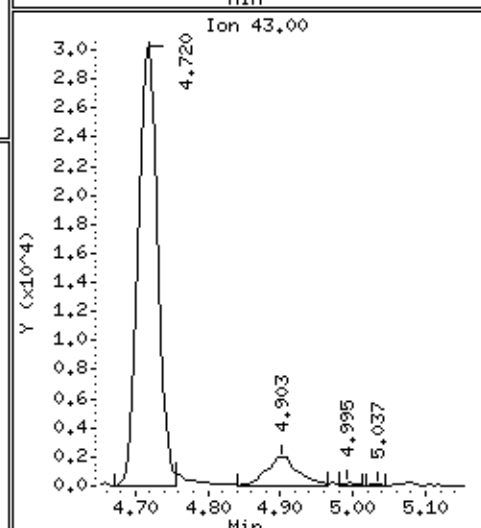
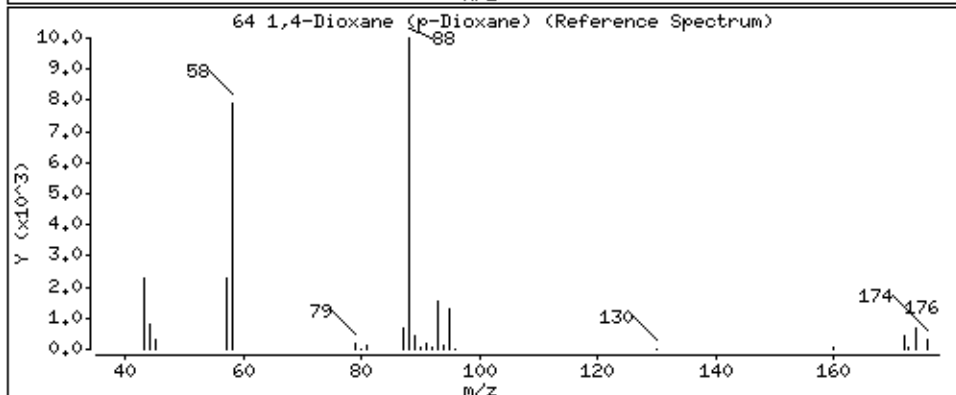
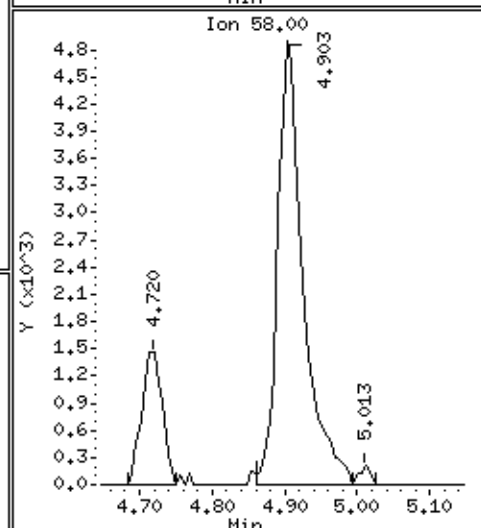
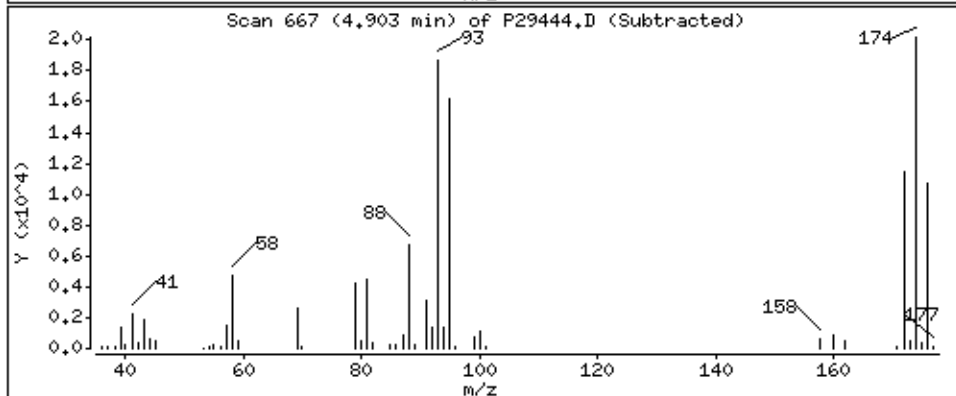
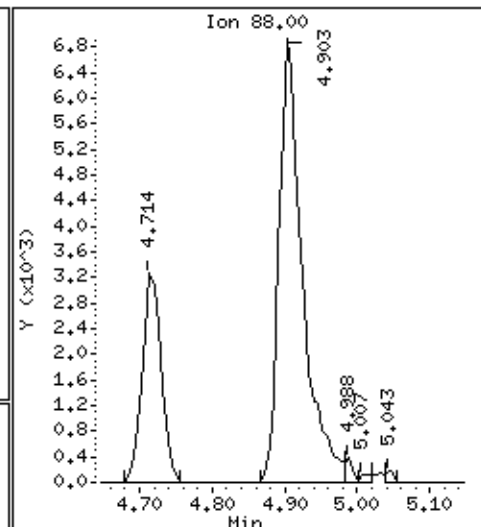
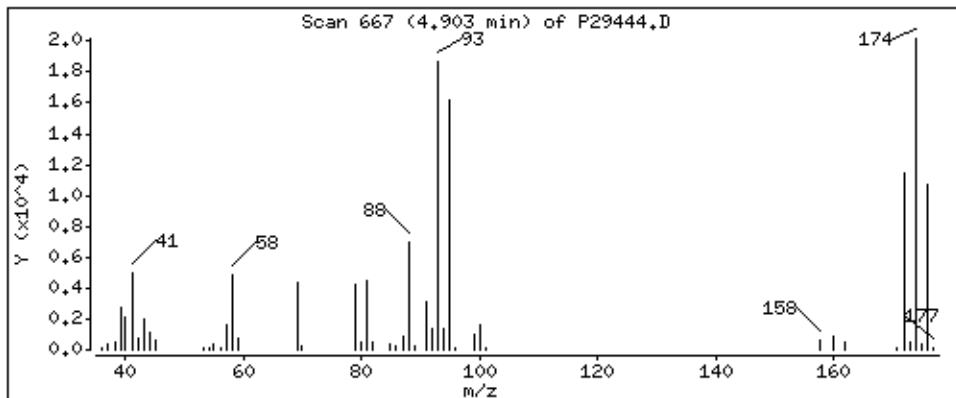
Review Code:



64 1,4-Dioxane (p-Dioxane)

Concentration: 1300 ug/L

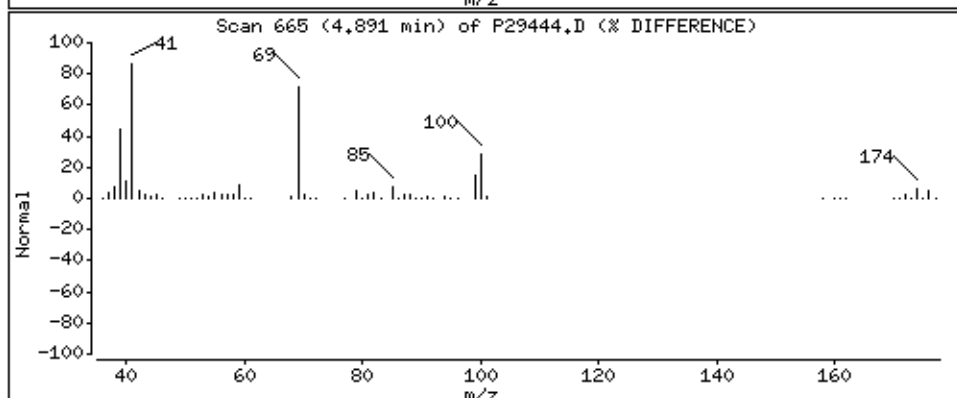
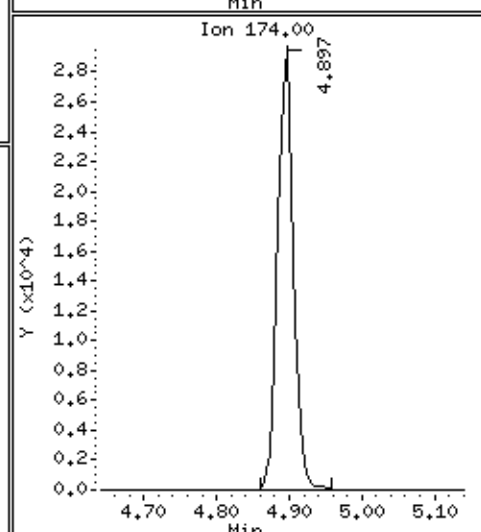
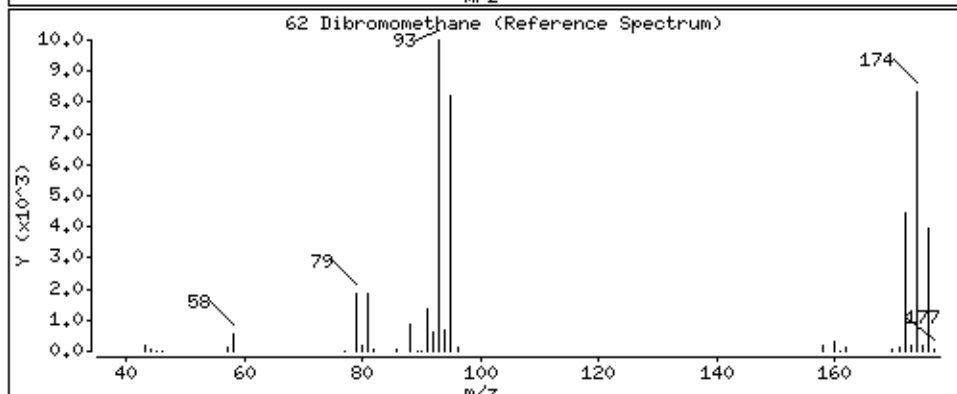
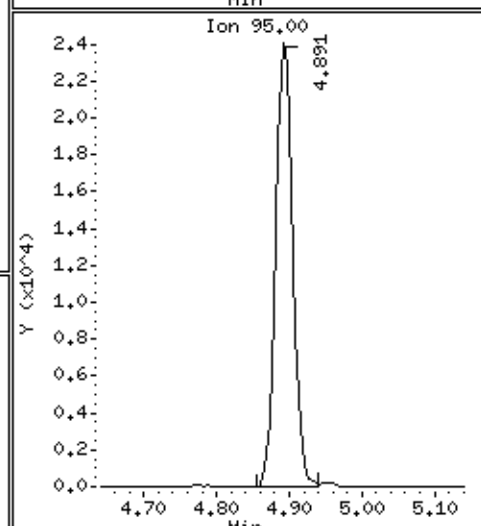
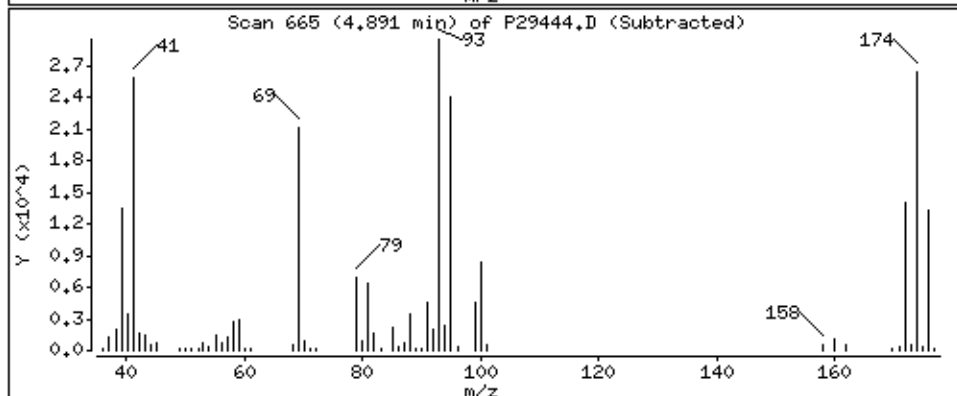
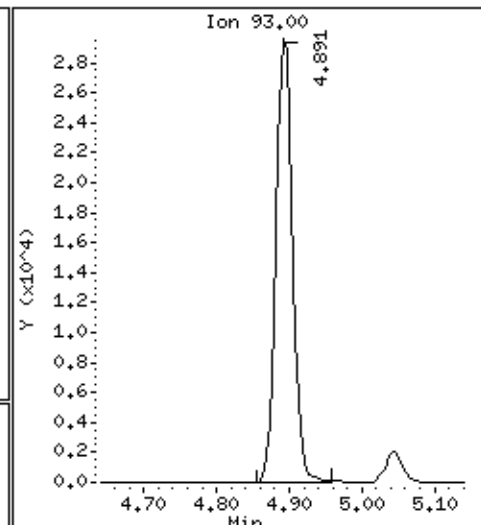
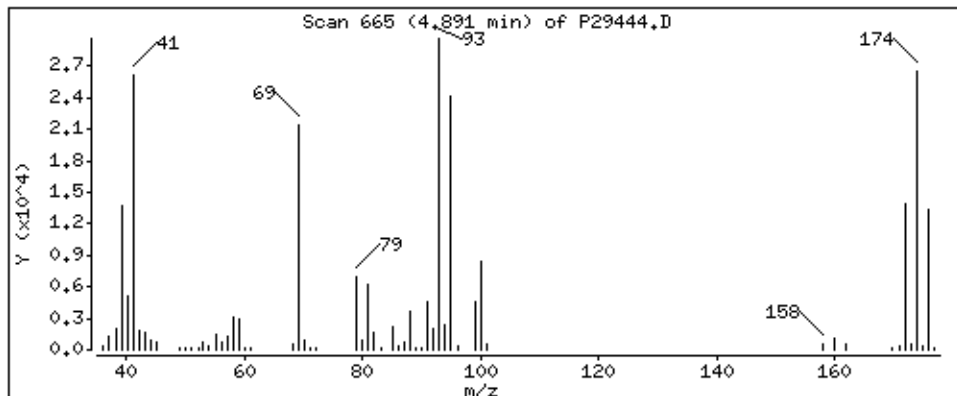
Review Code:



62 Dibromomethane

Concentration: 47,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

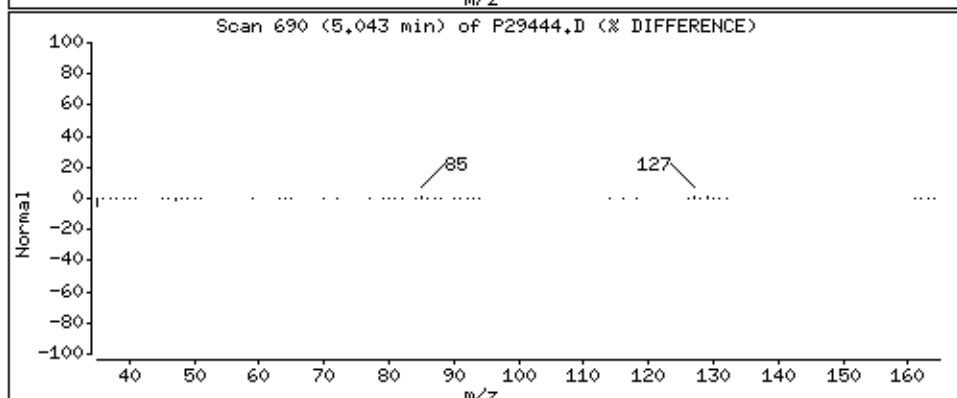
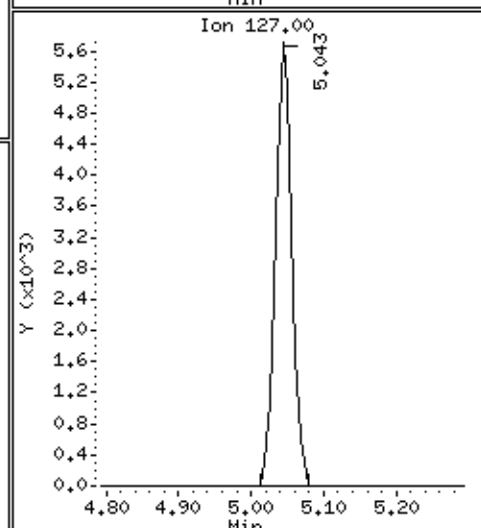
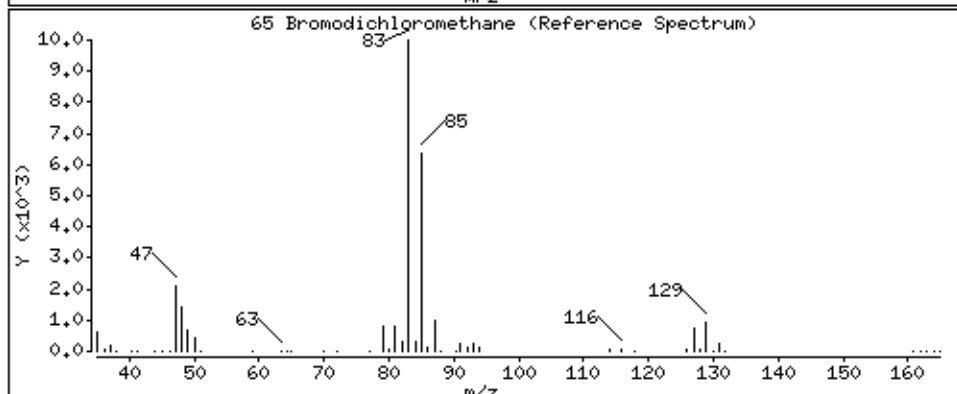
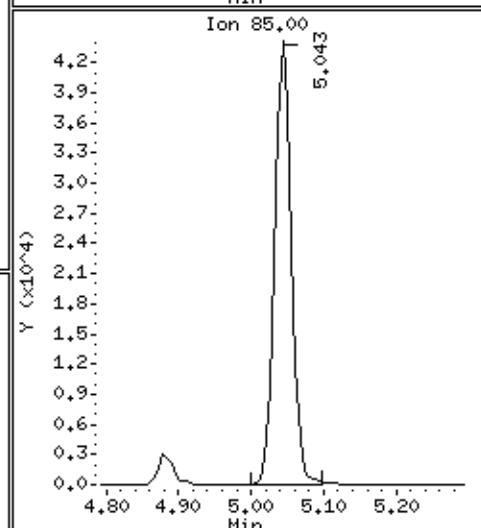
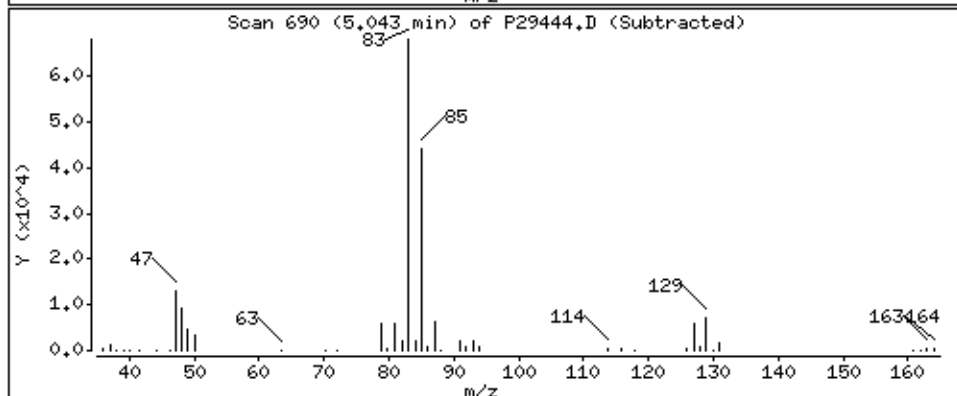
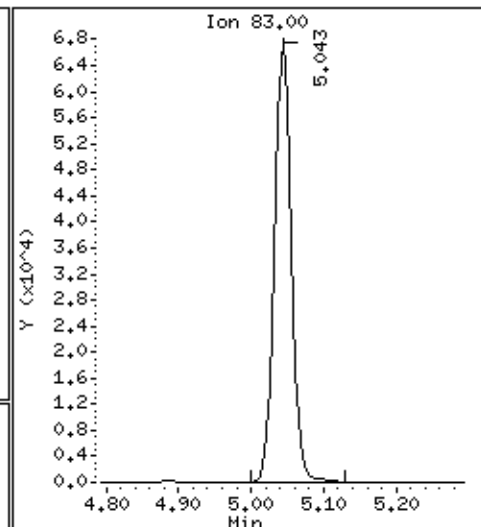
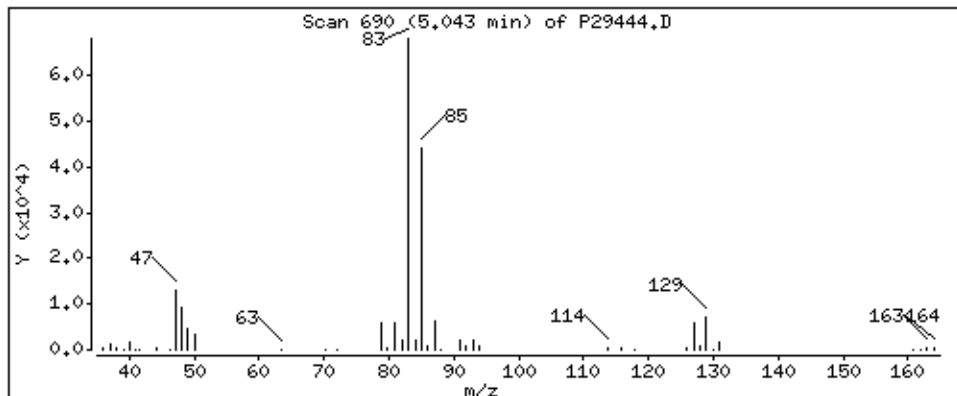
Column phase: RTX-624

Column diameter: 0,18

65 Bromodichloromethane

Concentration: 47.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

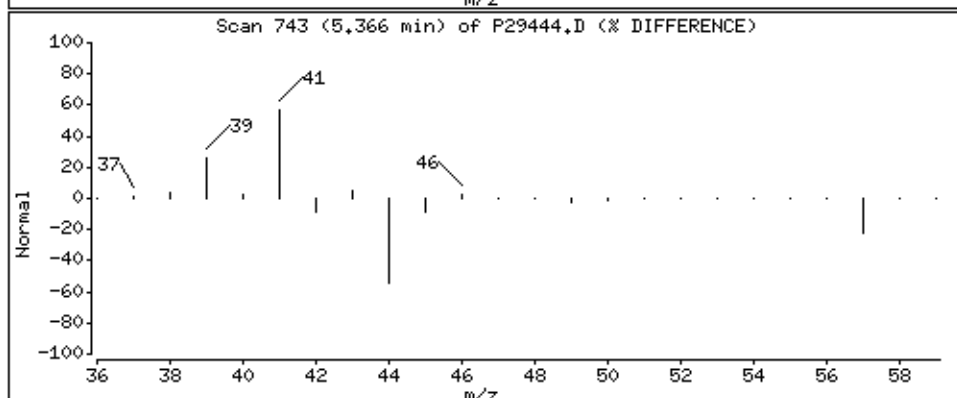
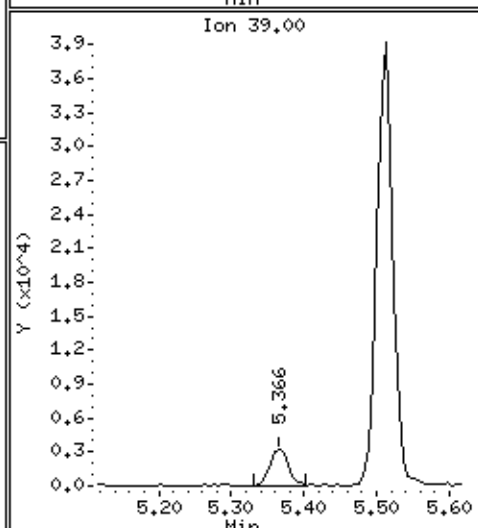
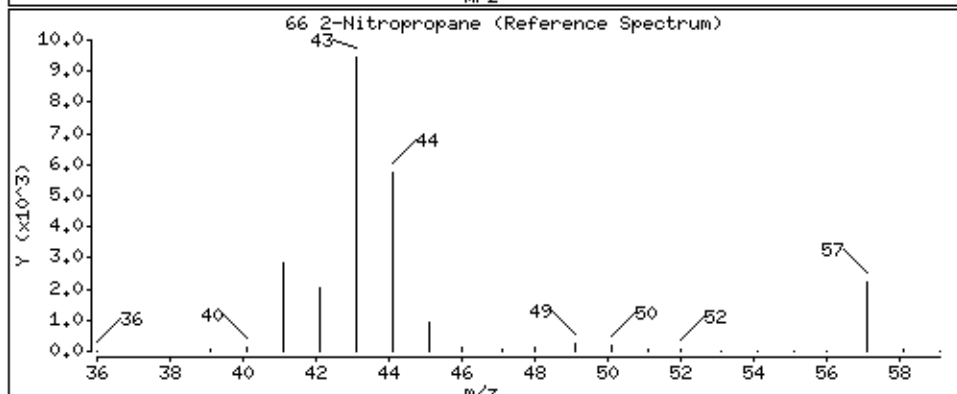
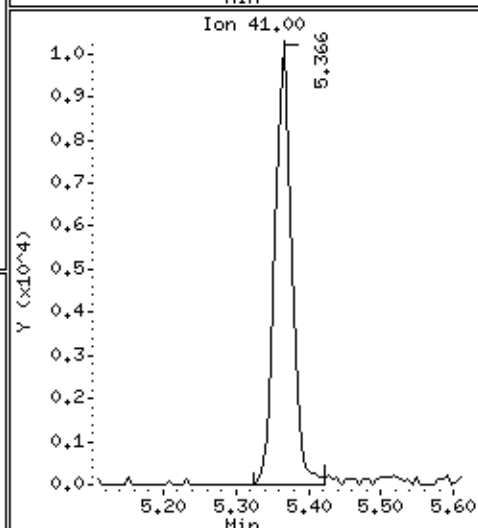
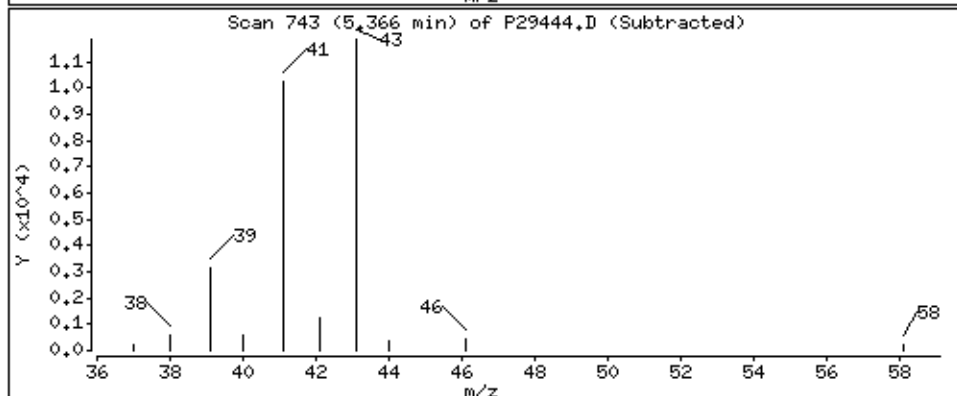
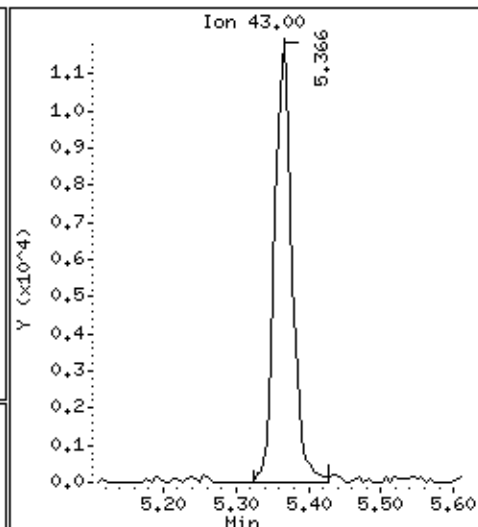
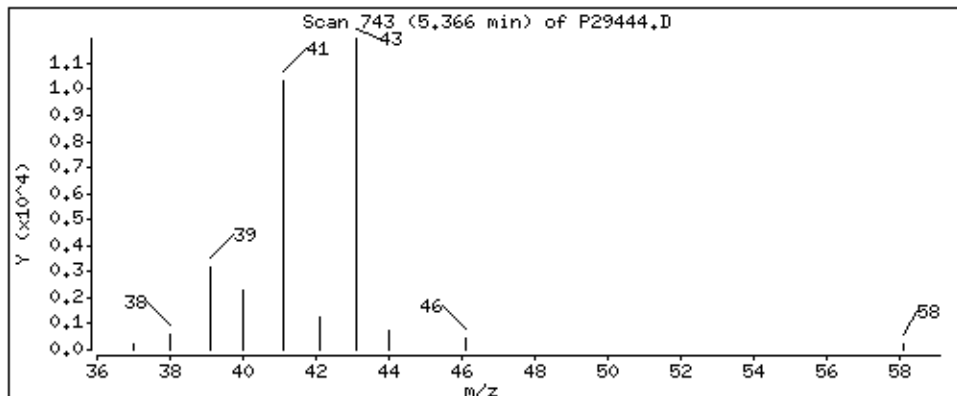
Column phase: RTX-624

Column diameter: 0,18

66 2-Nitropropane

Concentration: 23,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

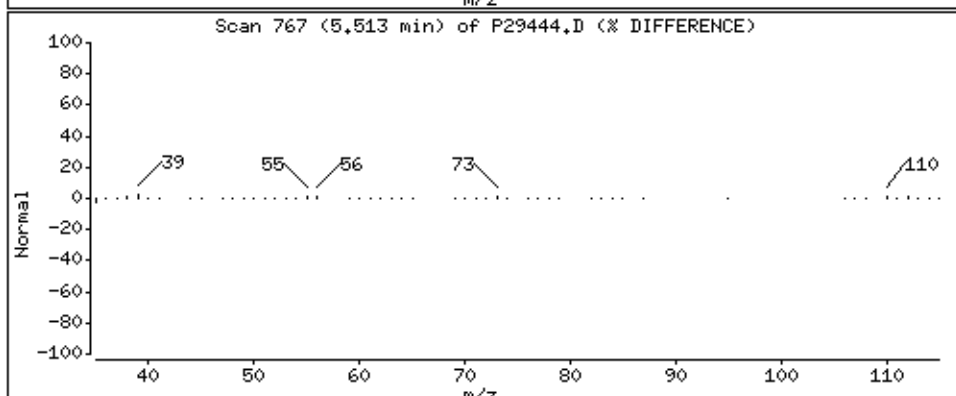
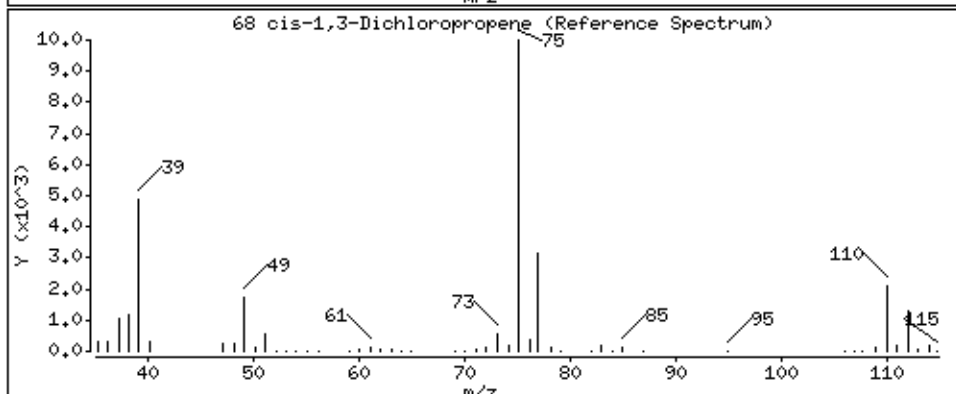
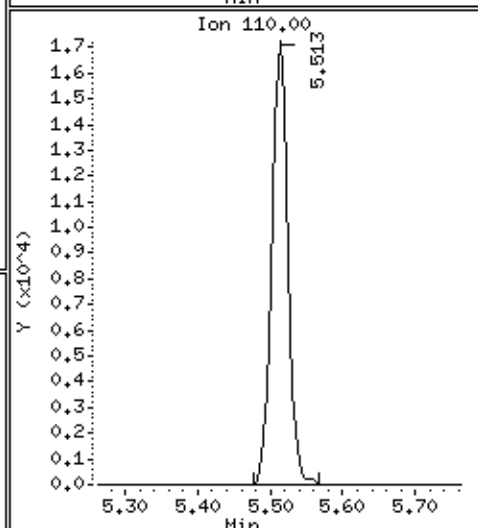
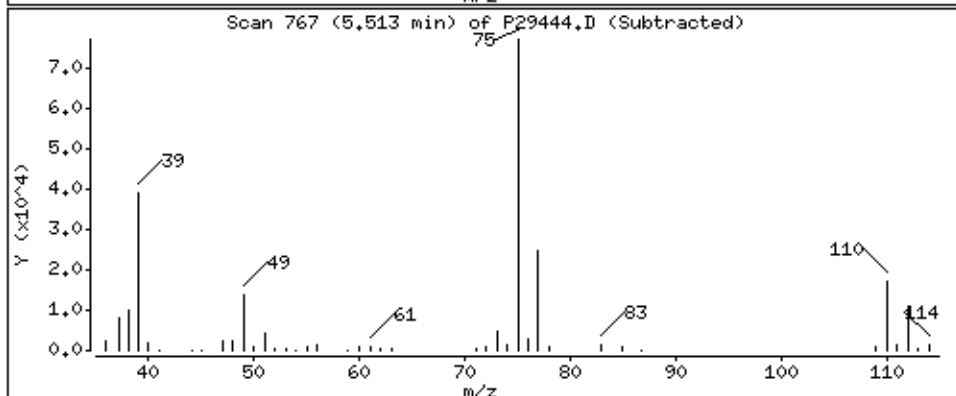
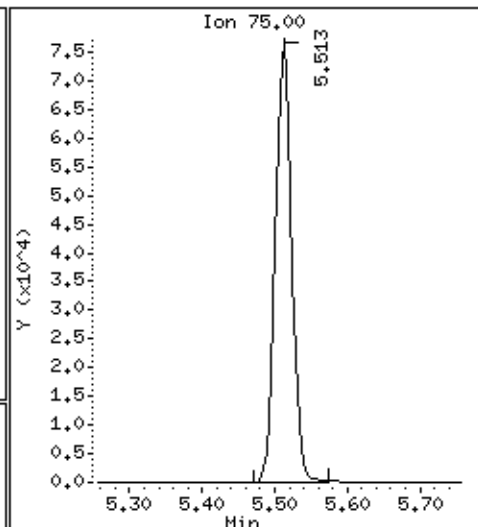
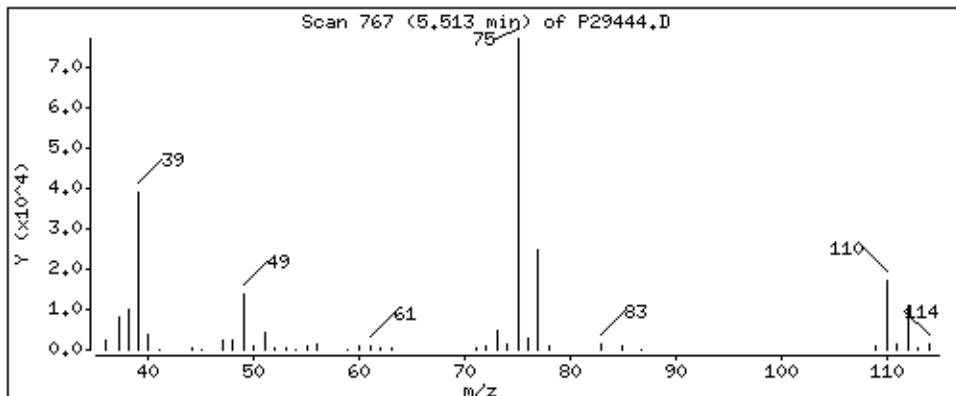
Column phase: RTX-624

Column diameter: 0.18

68 cis-1,3-Dichloropropene

Concentration: 44.8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

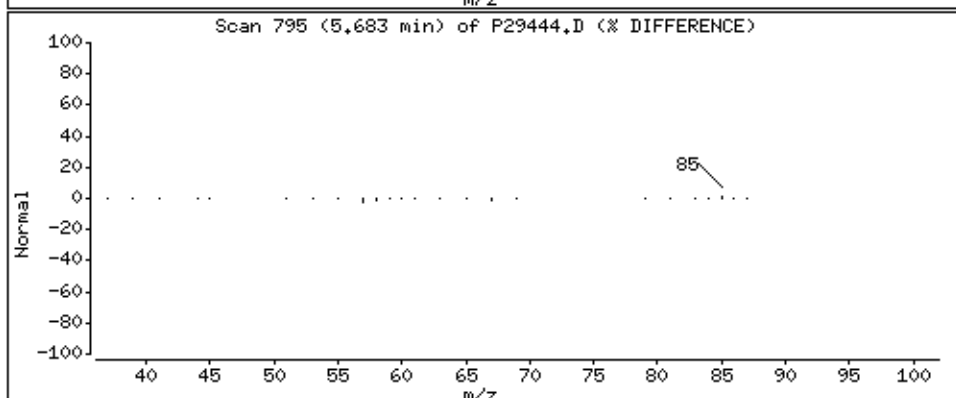
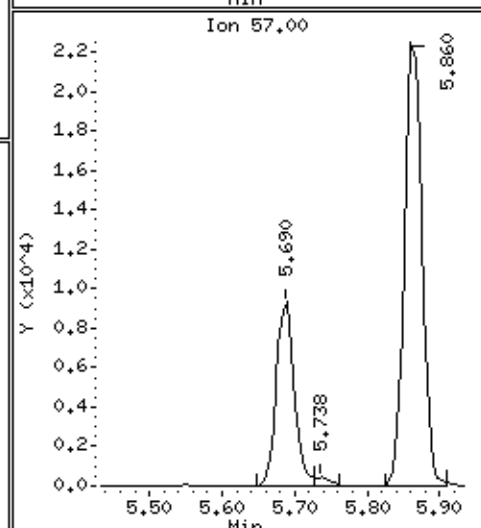
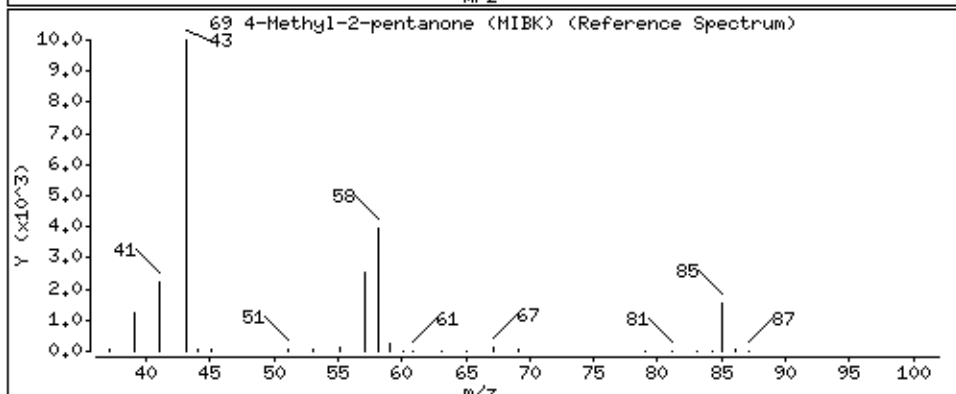
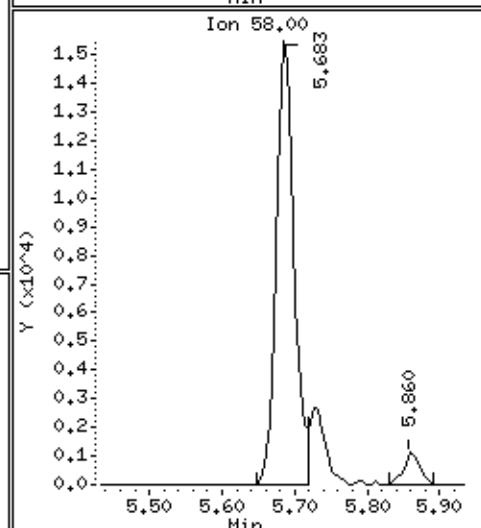
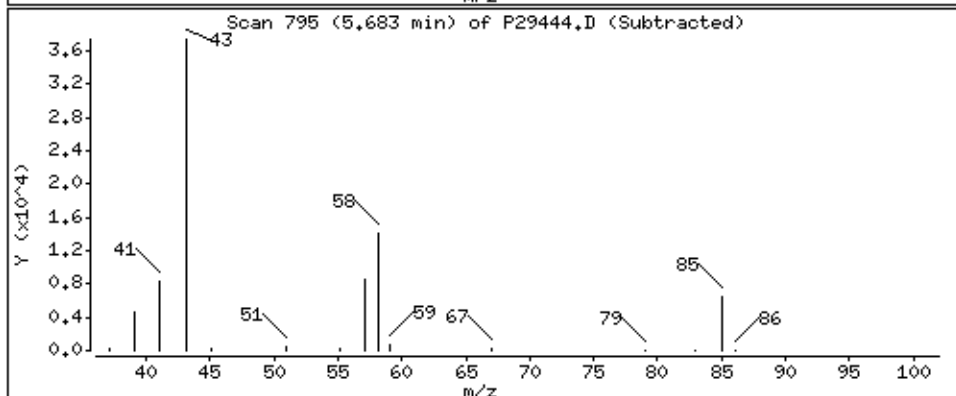
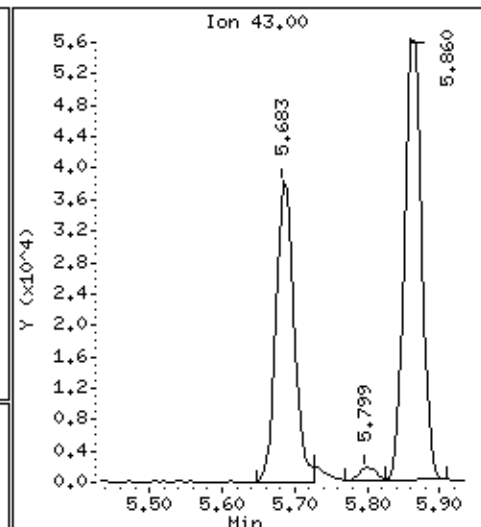
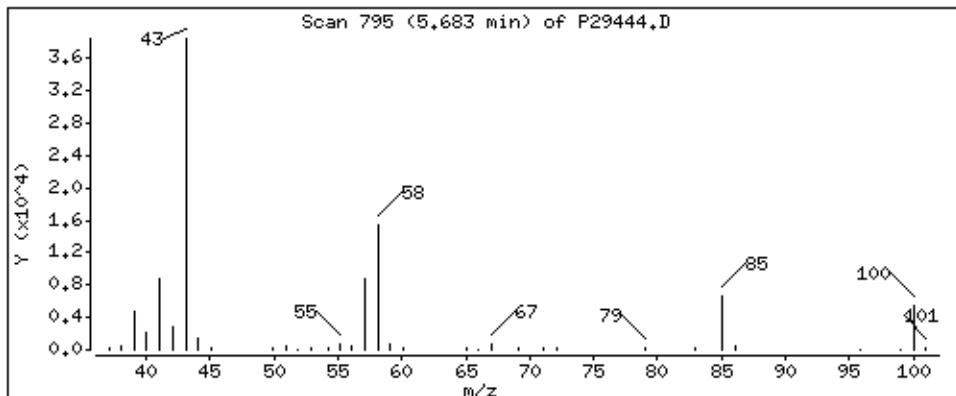
Column phase: RTX-624

Column diameter: 0,18

69 4-Methyl-2-pentanone (MIBK)

Concentration: 57.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

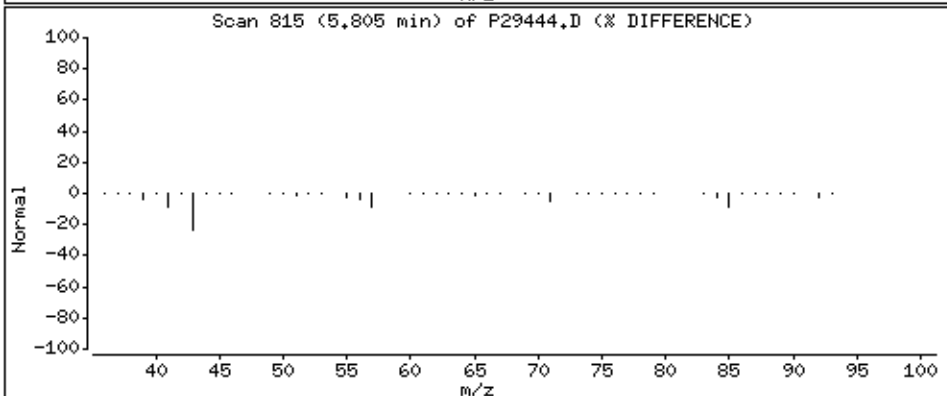
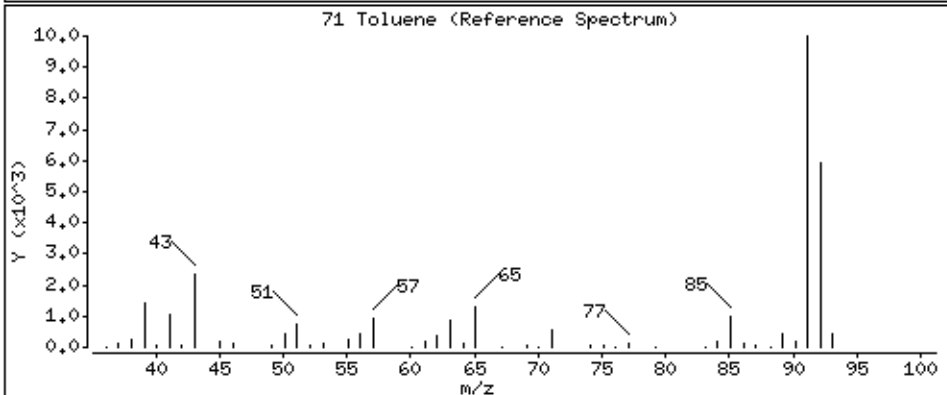
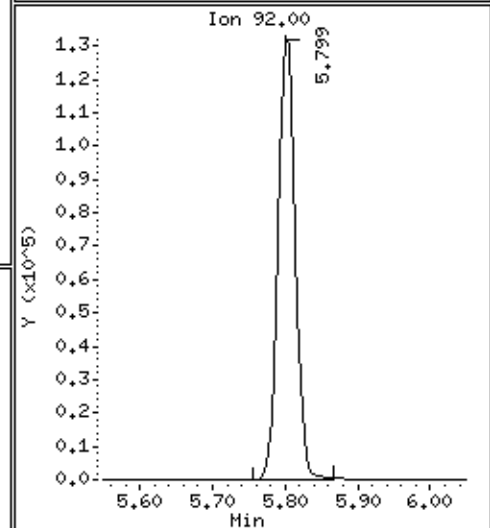
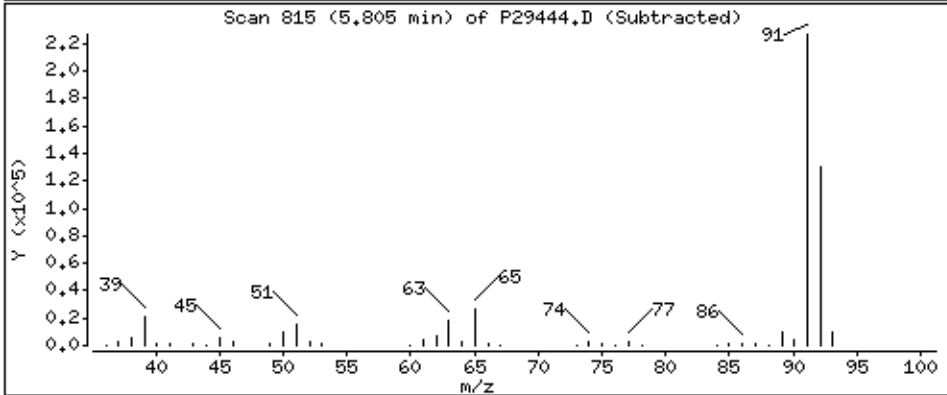
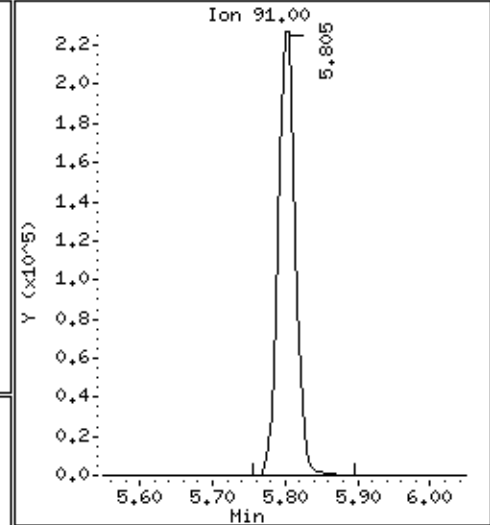
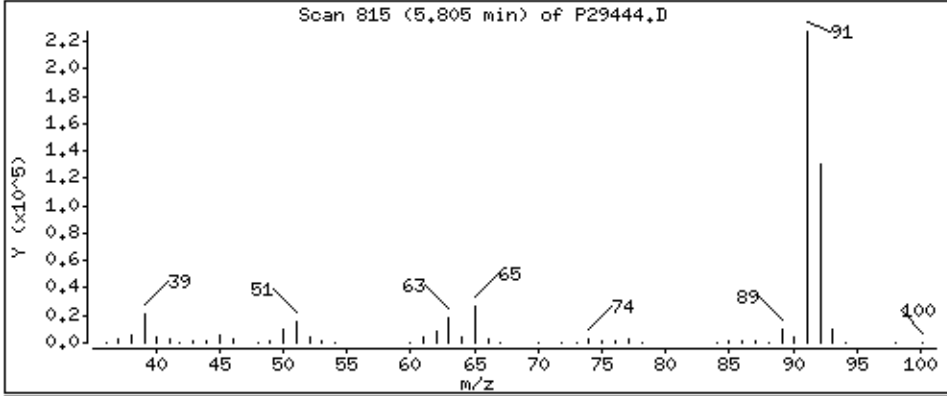
Column phase: RTX-624

Column diameter: 0,18

71 Toluene

Concentration: 50,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

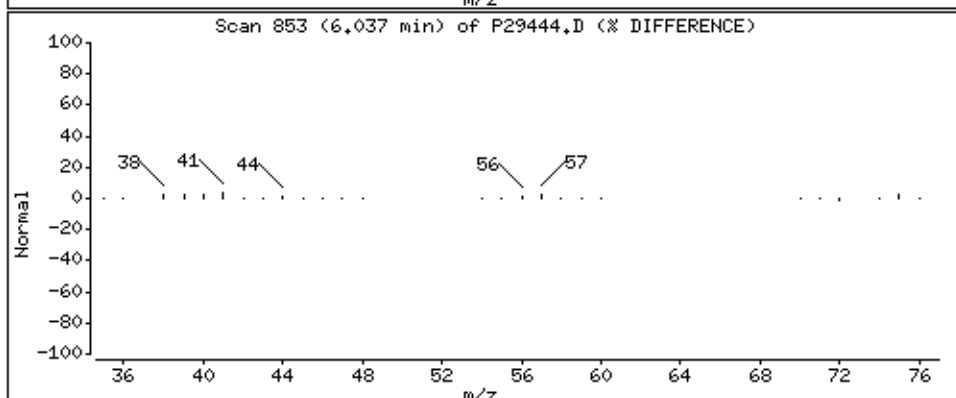
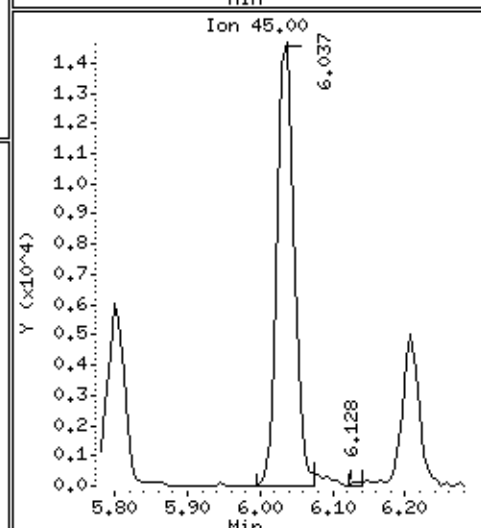
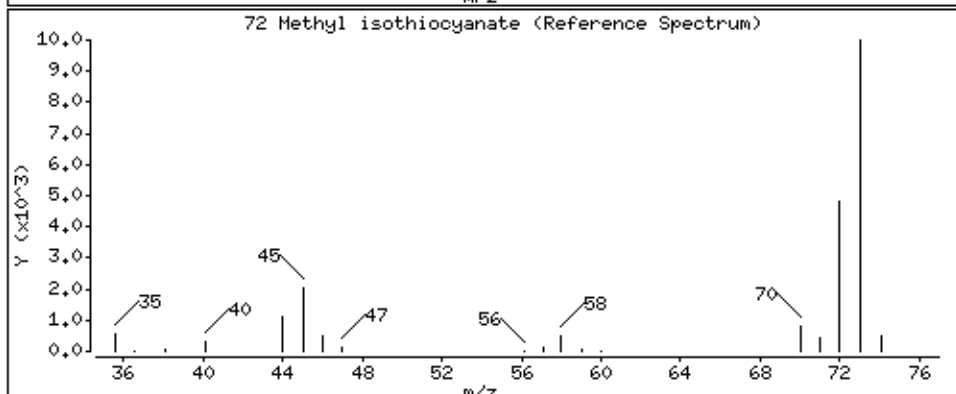
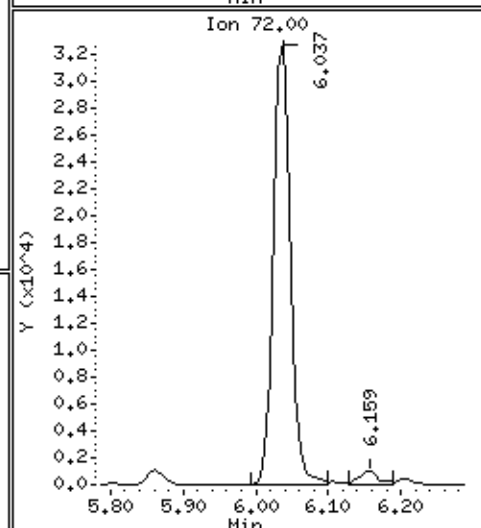
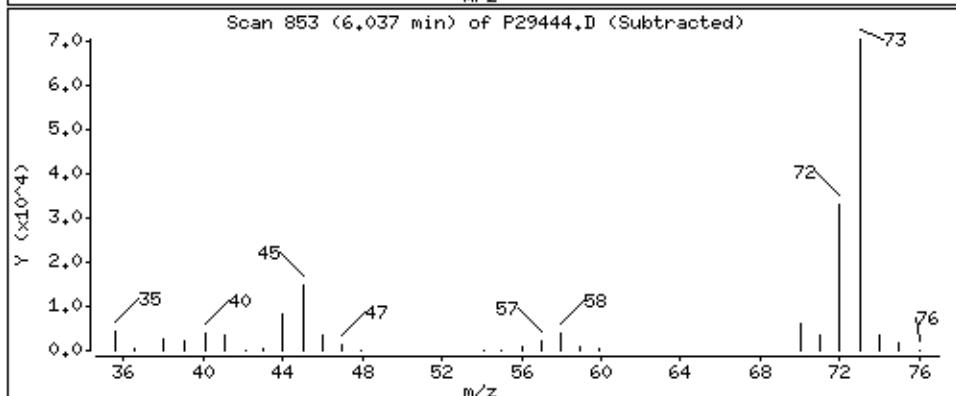
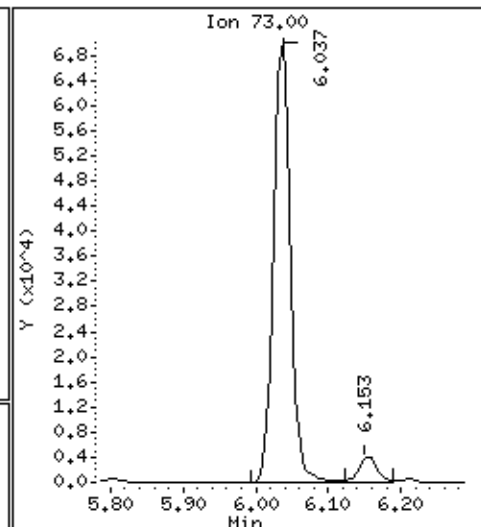
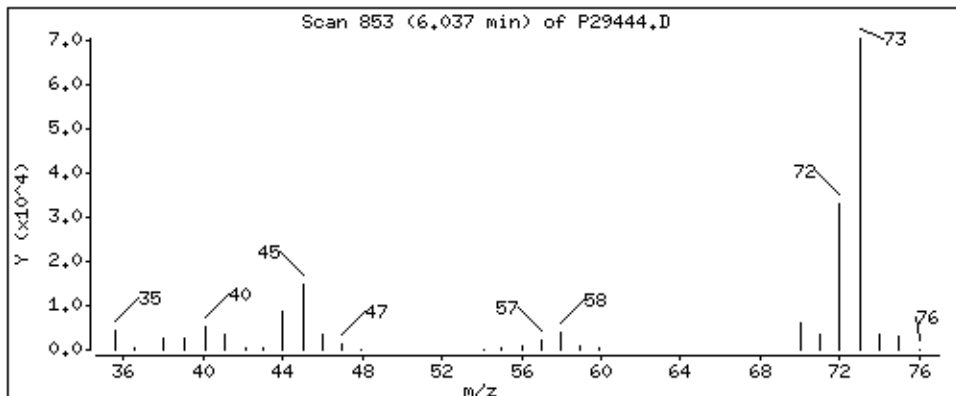
Column phase: RTX-624

Column diameter: 0,18

72 Methyl isothiocyanate

Concentration: 127 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

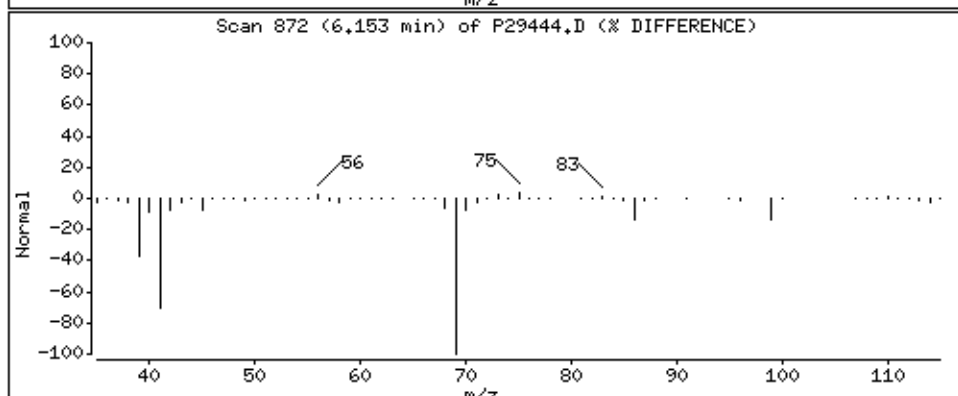
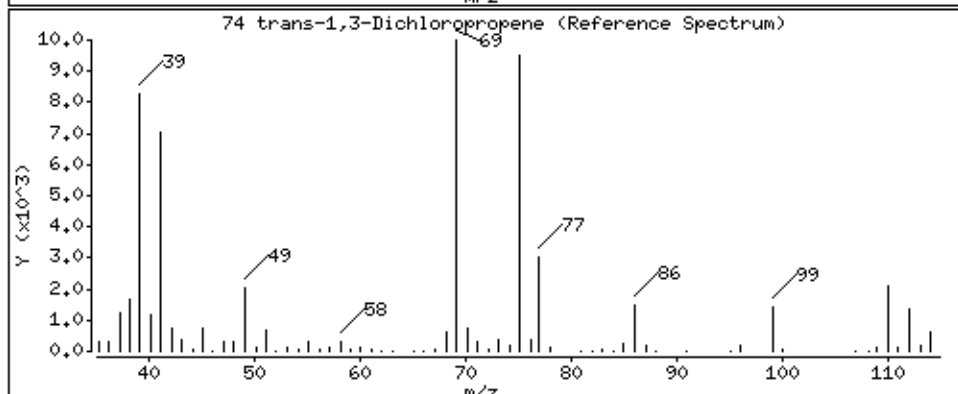
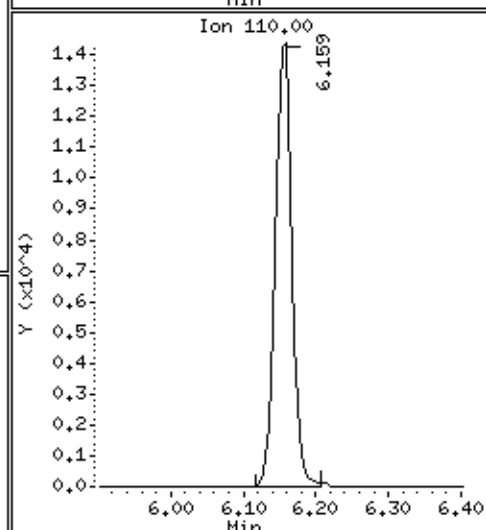
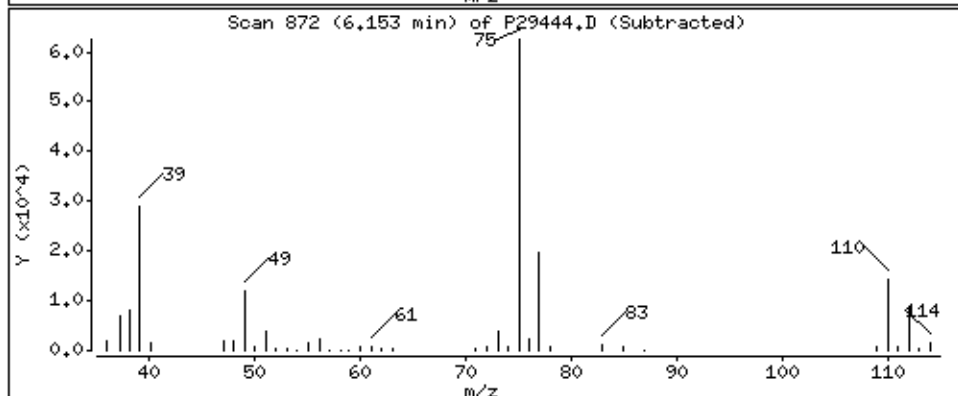
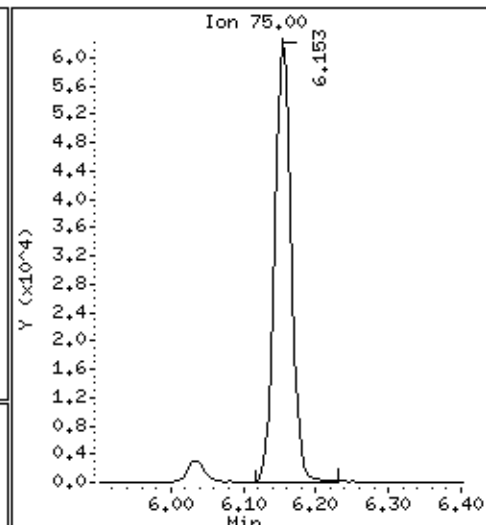
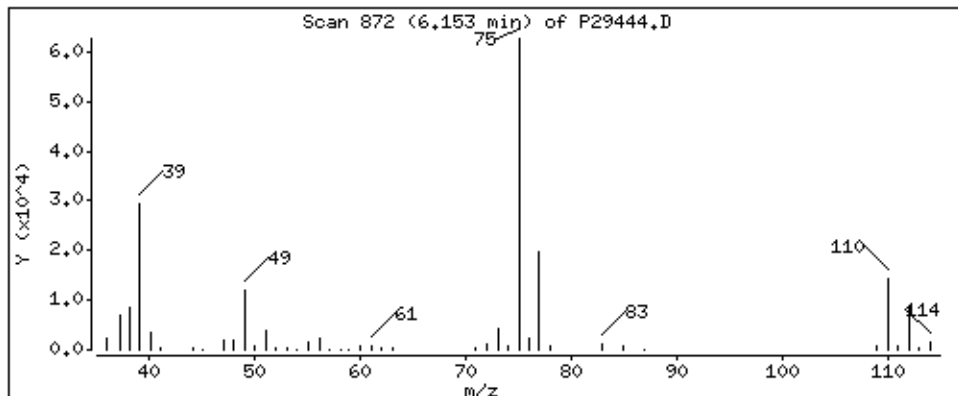
Column phase: RTX-624

Column diameter: 0,18

74 trans-1,3-Dichloropropene

Concentration: 40,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

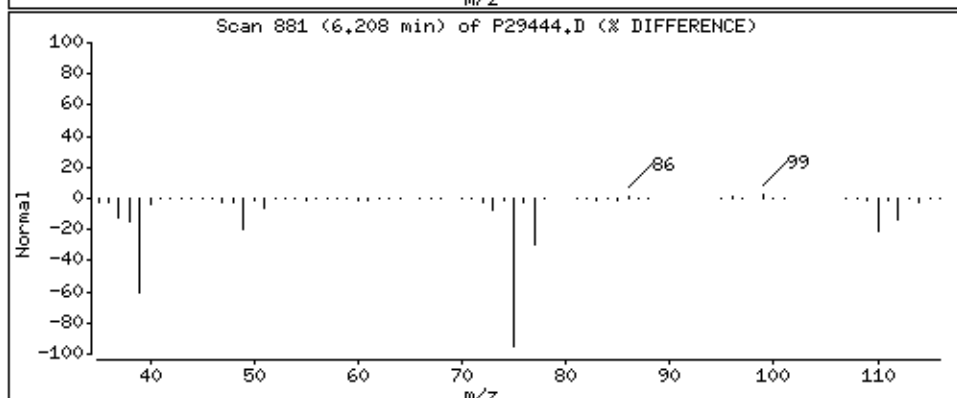
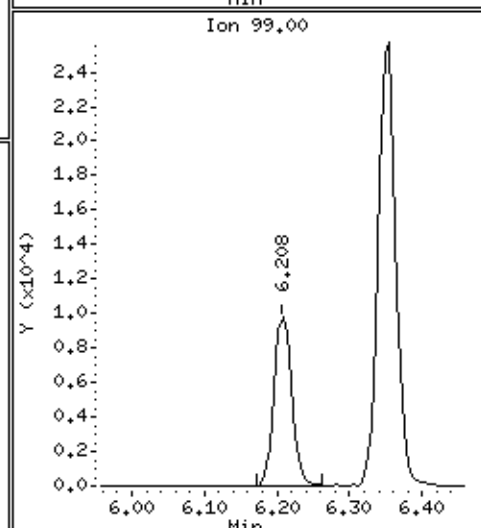
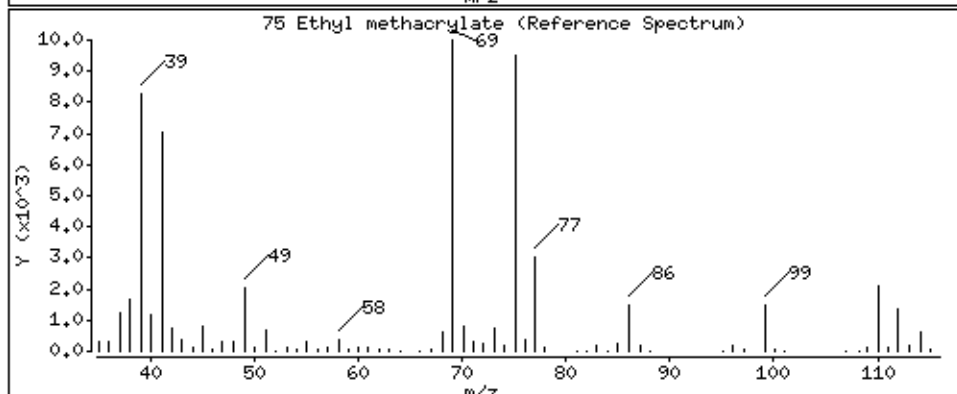
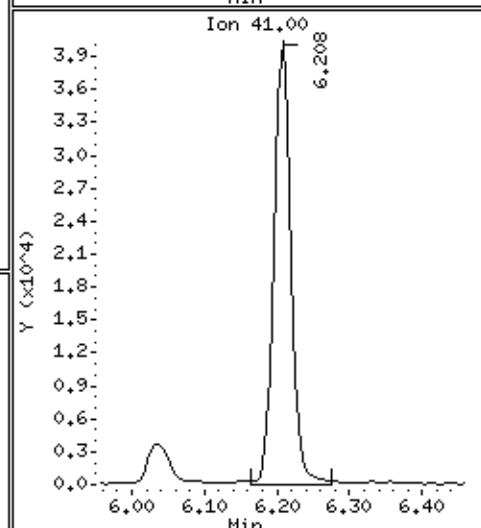
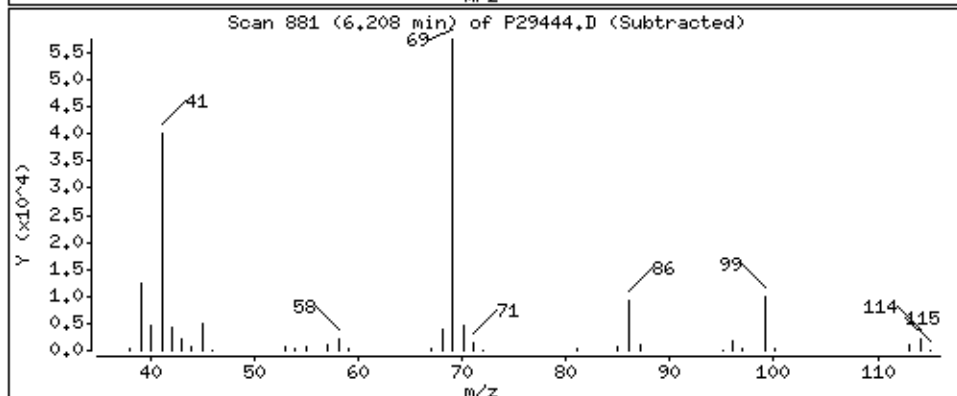
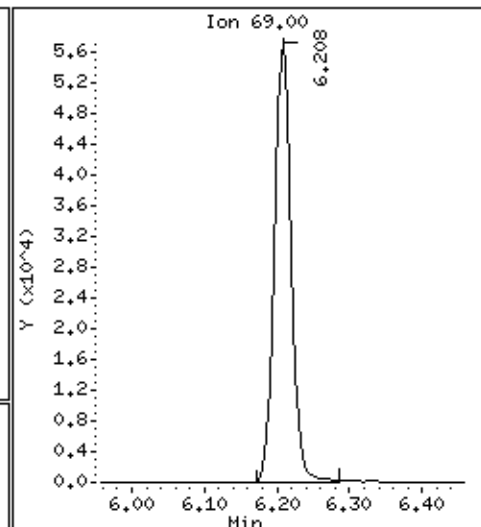
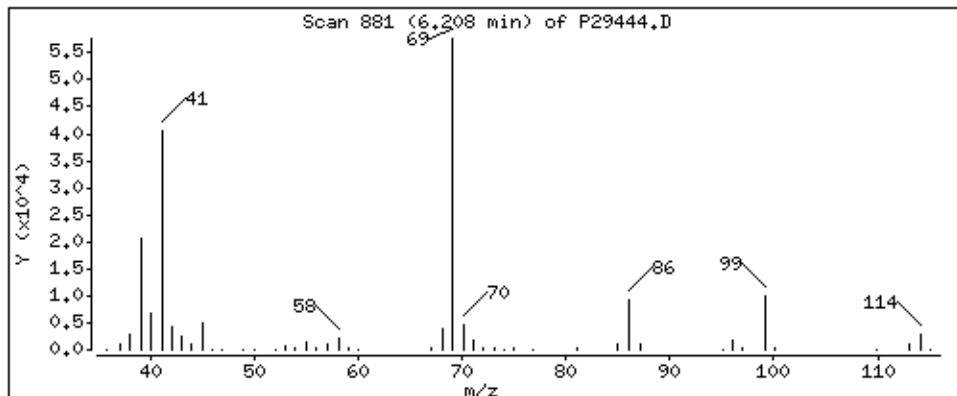
Column phase: RTX-624

Column diameter: 0,18

75 Ethyl methacrylate

Concentration: 47.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

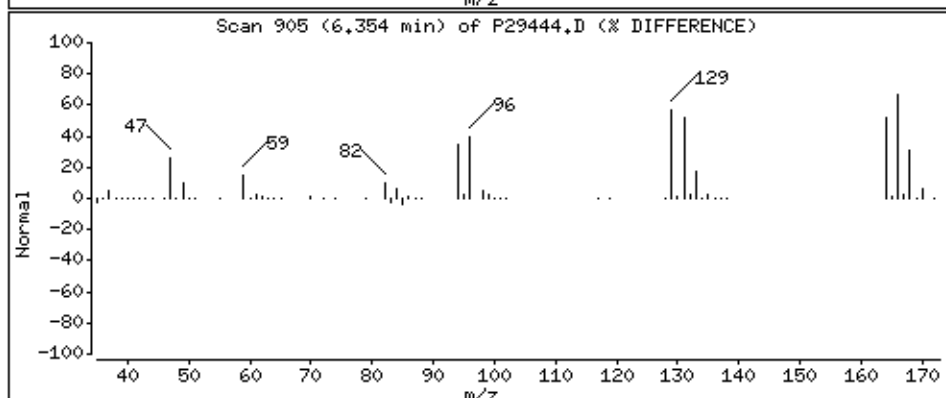
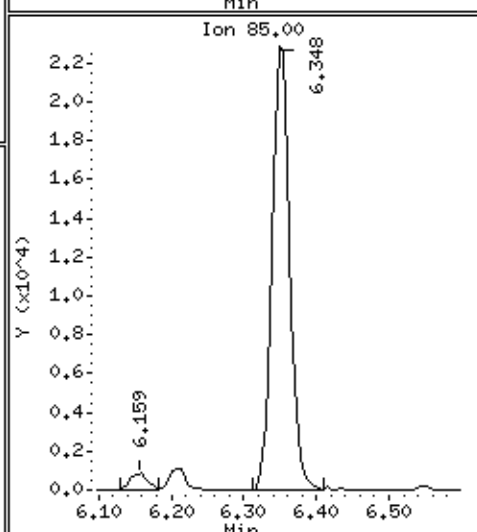
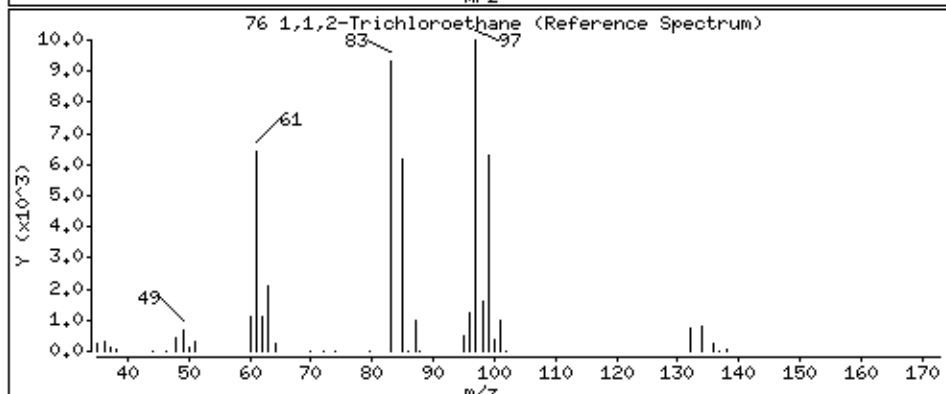
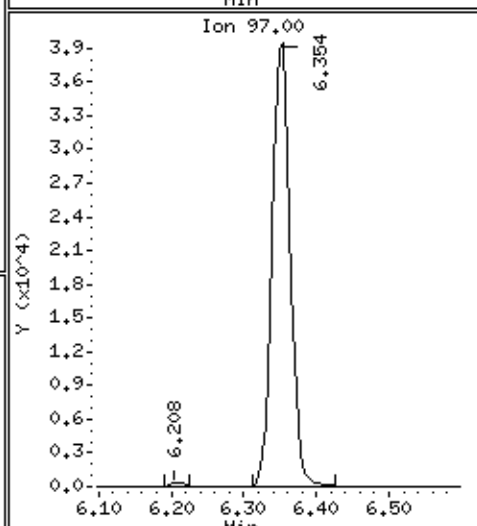
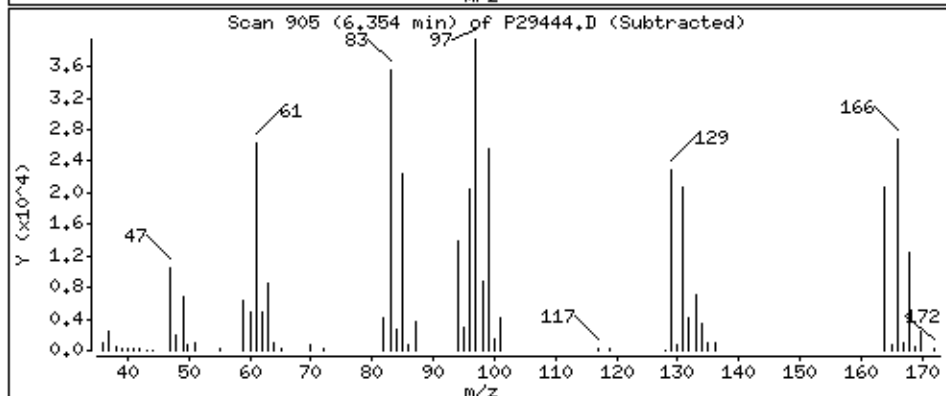
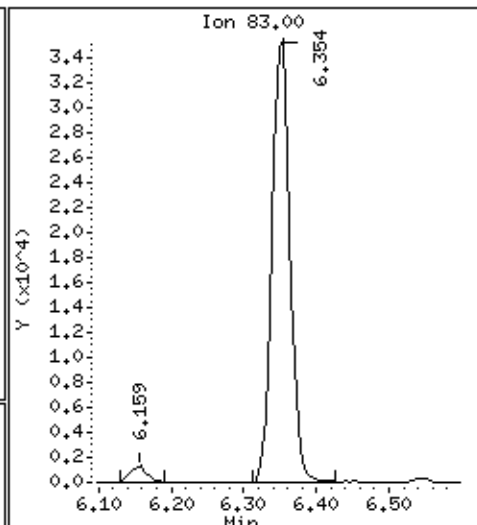
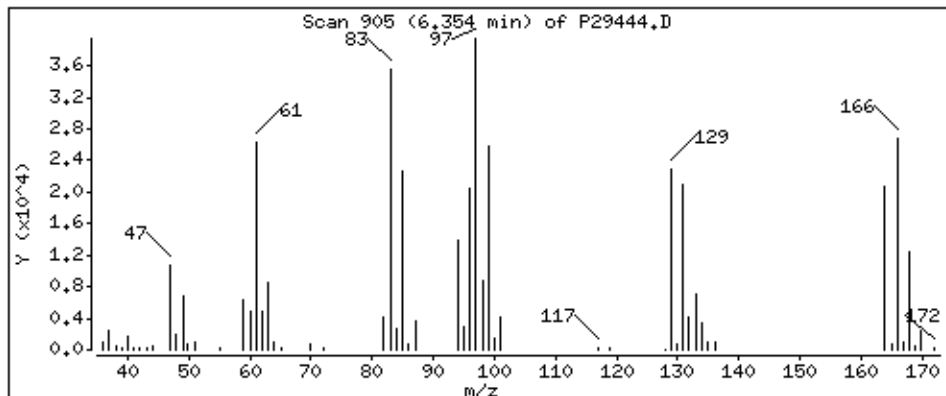
Column phase: RTX-624

Column diameter: 0,18

76 1,1,2-Trichloroethane

Concentration: 48,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

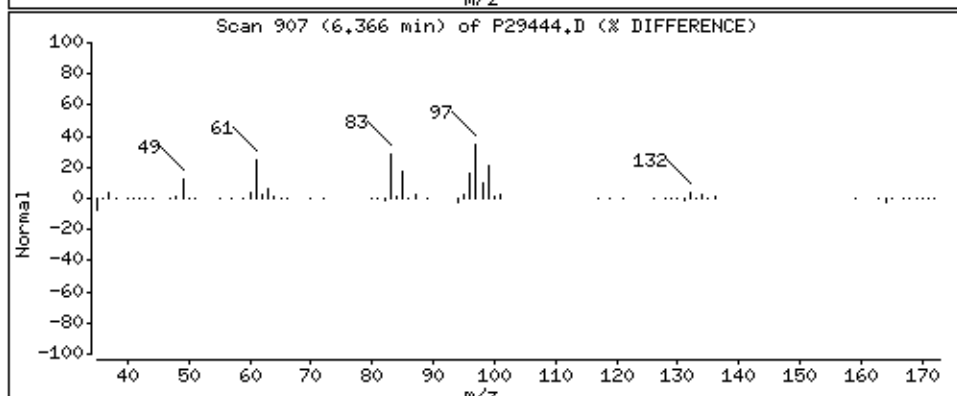
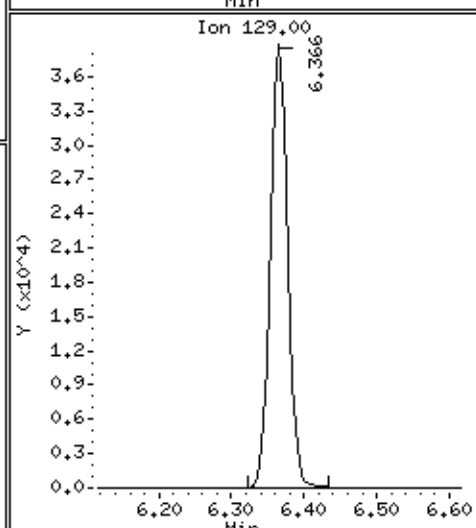
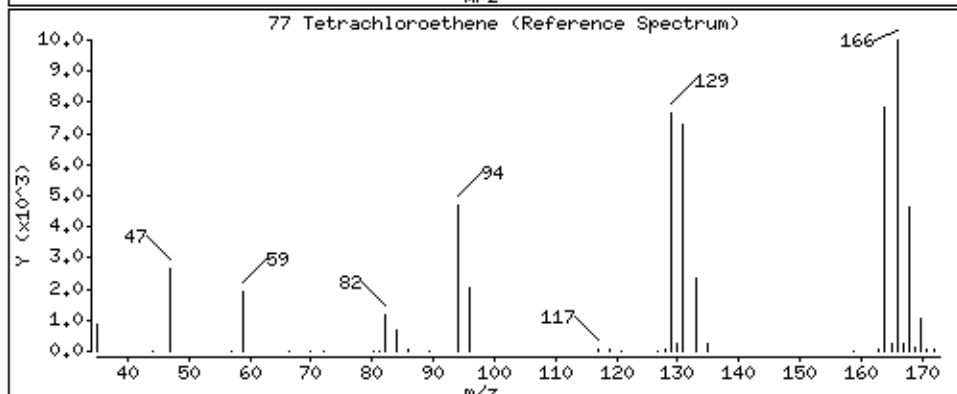
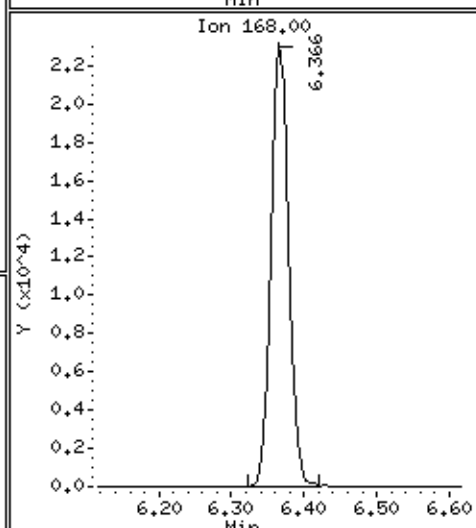
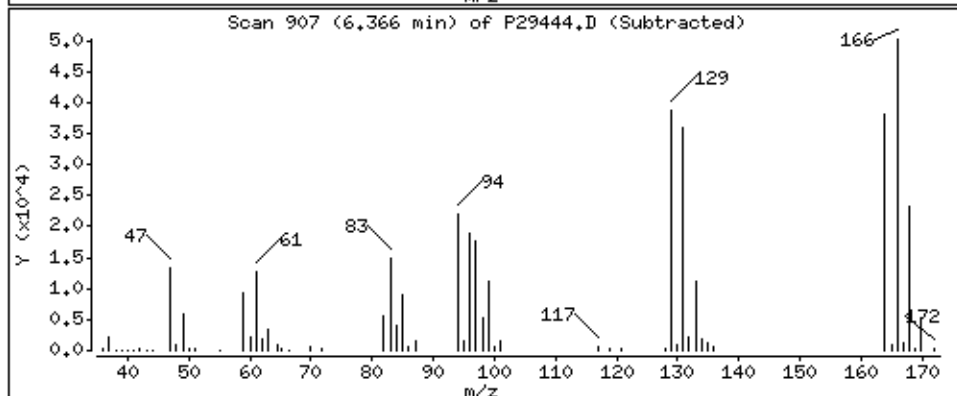
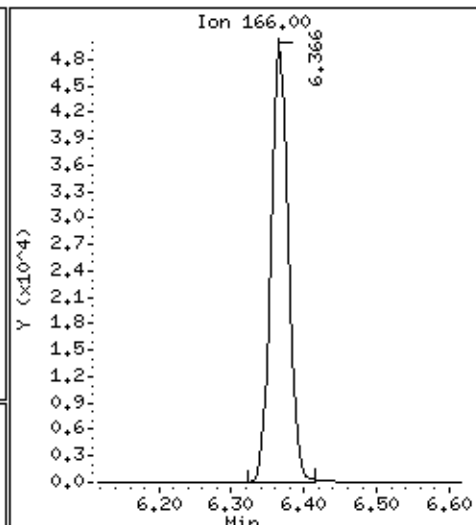
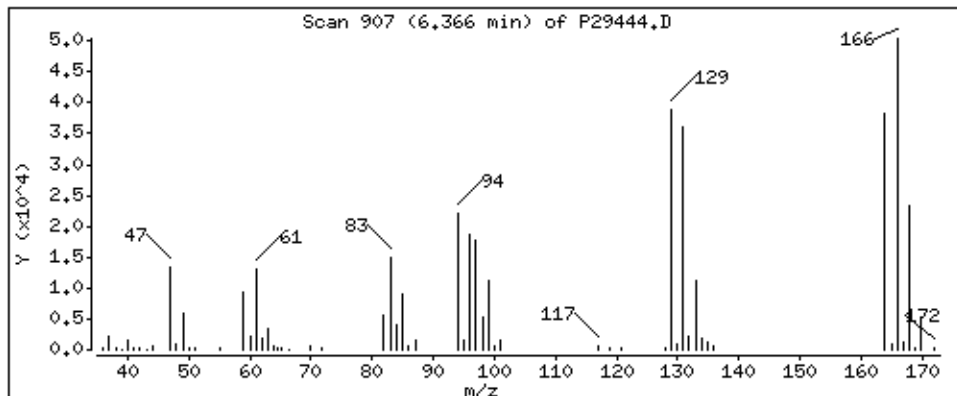
Column phase: RTX-624

Column diameter: 0,18

77 Tetrachloroethene

Concentration: 48,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

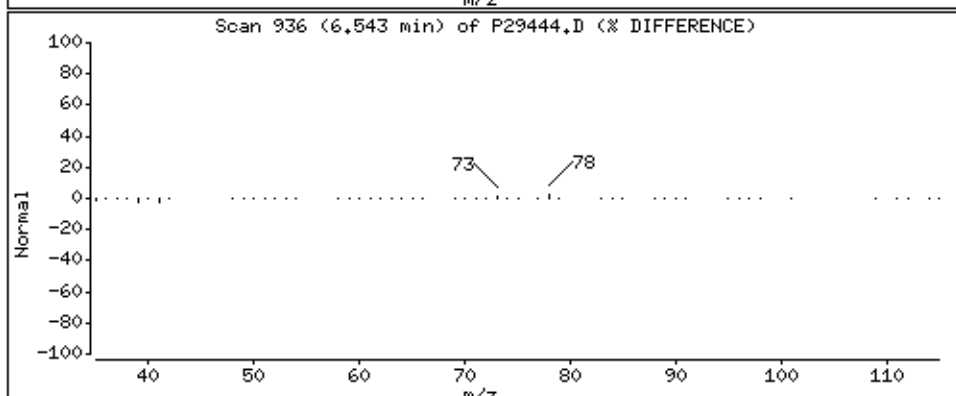
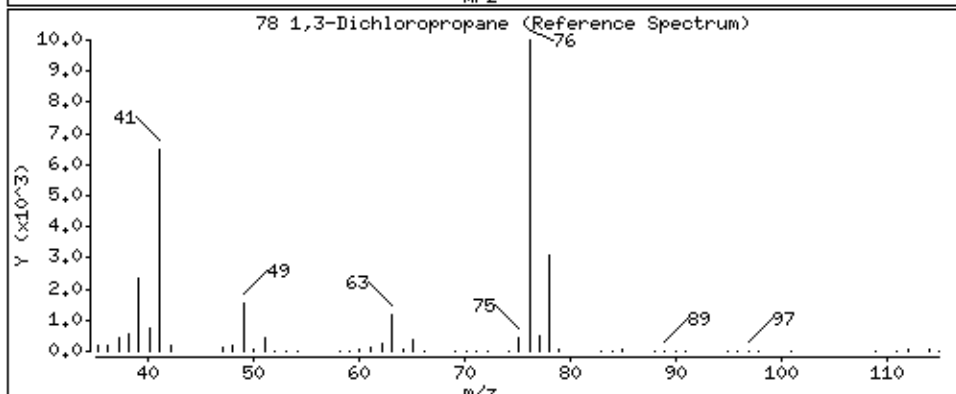
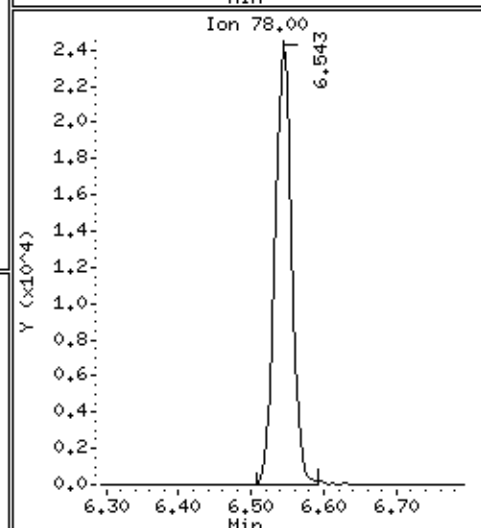
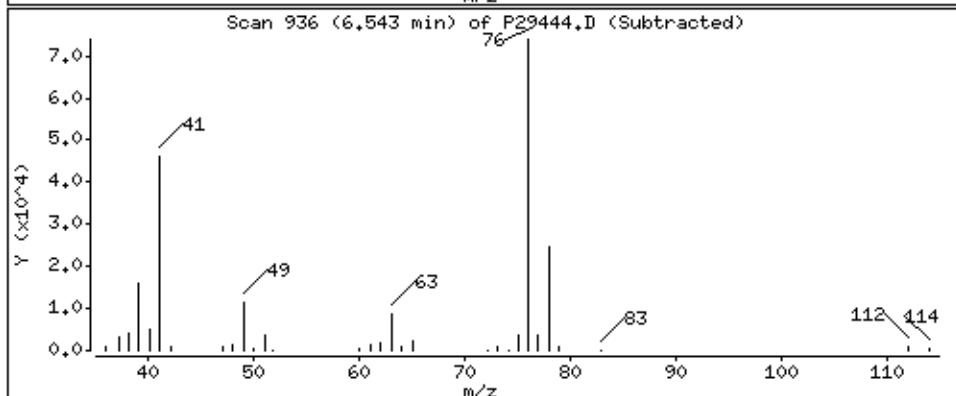
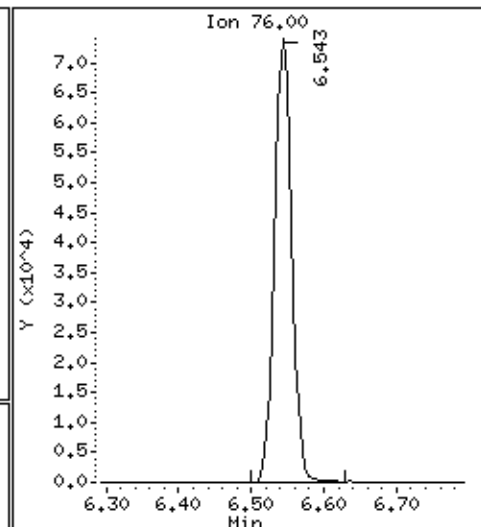
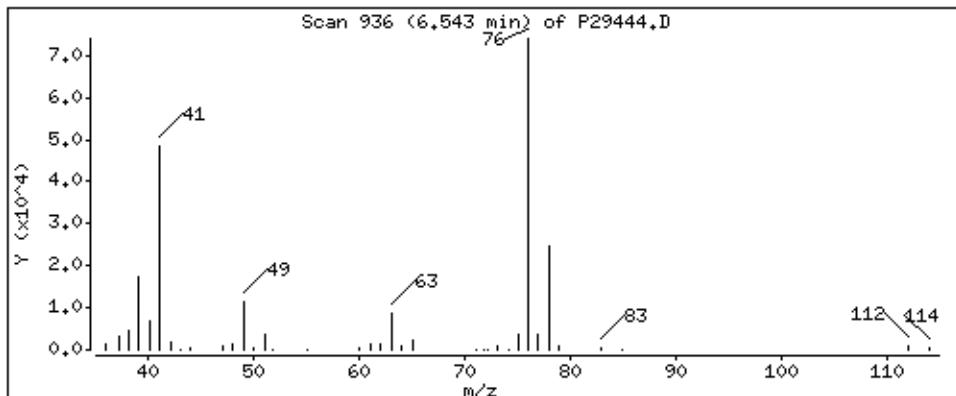
Column phase: RTX-624

Column diameter: 0,18

78 1,3-Dichloropropane

Concentration: 49,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

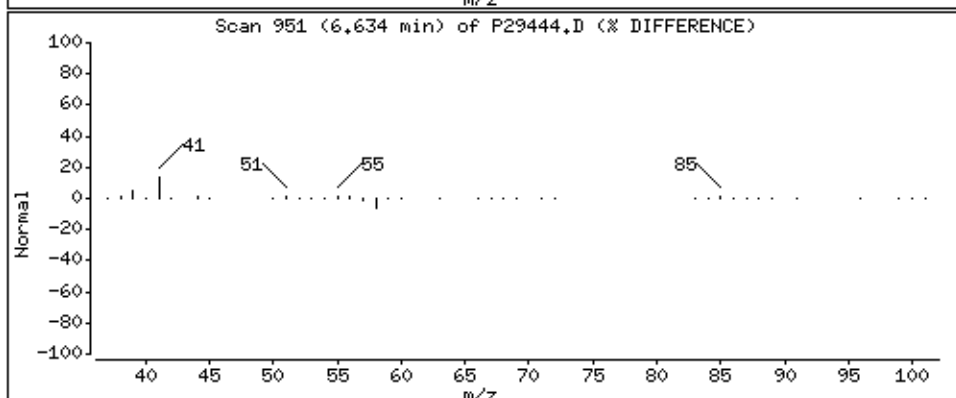
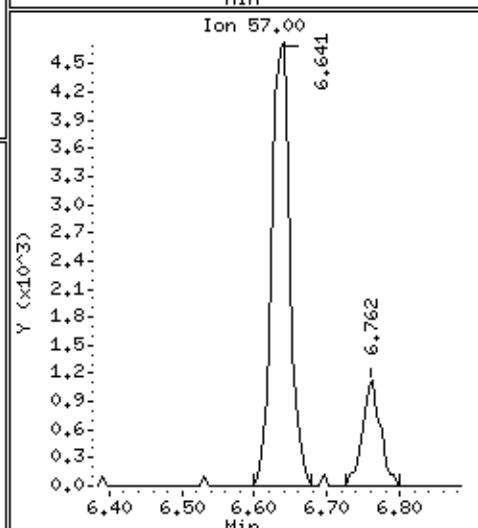
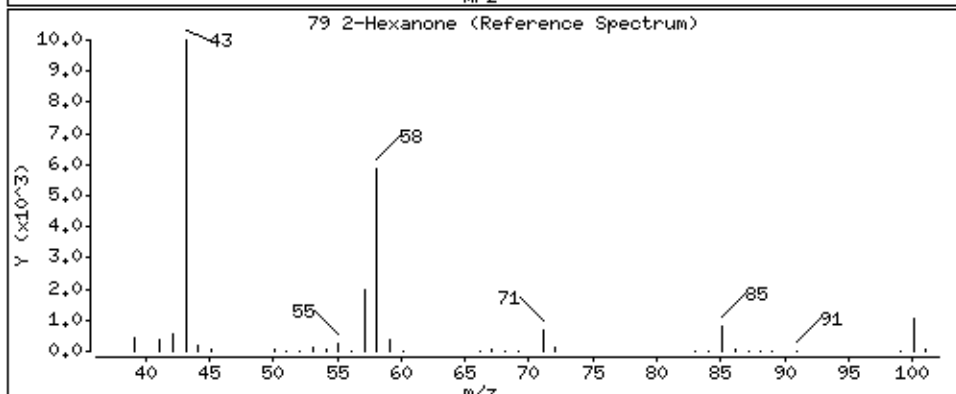
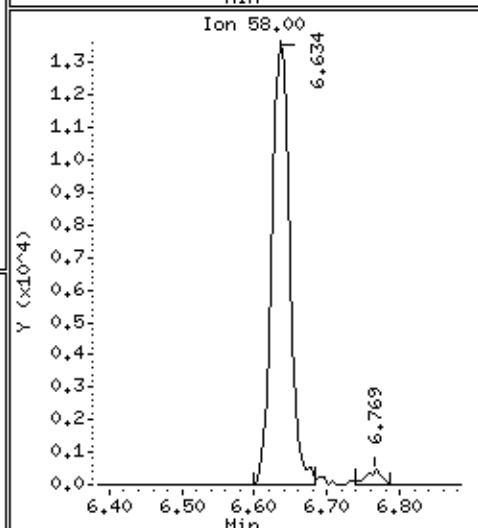
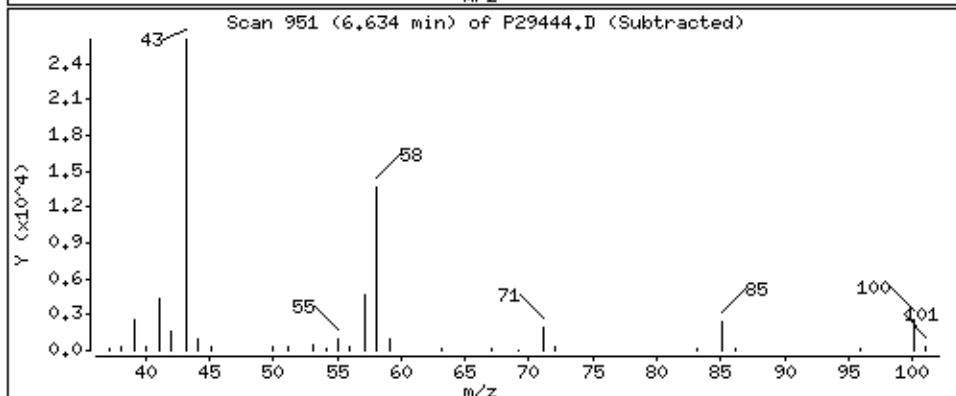
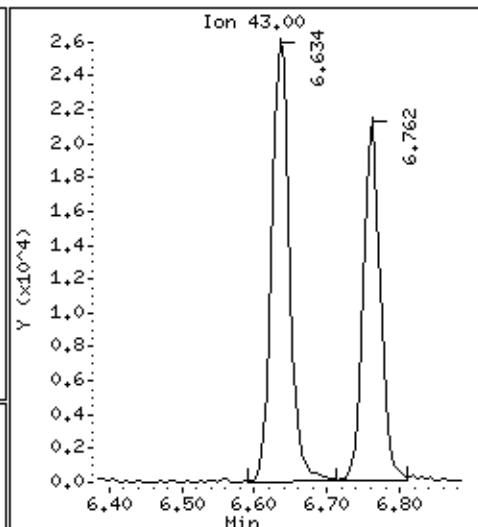
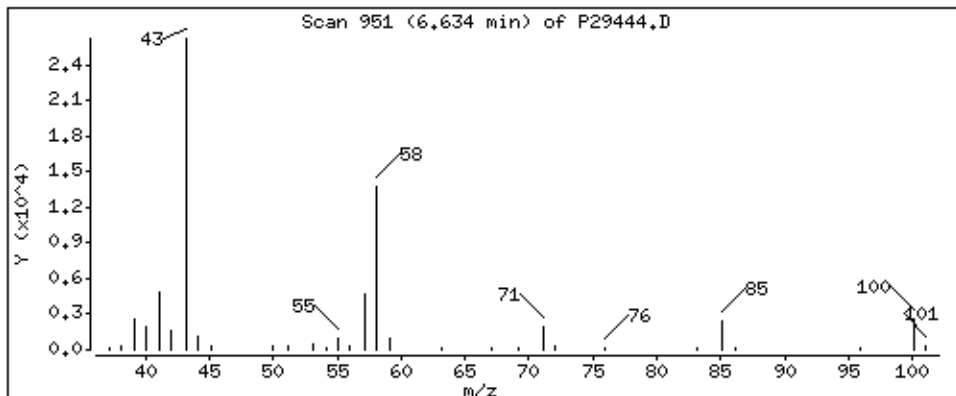
Column phase: RTX-624

Column diameter: 0,18

79 2-Hexanone

Concentration: 53,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

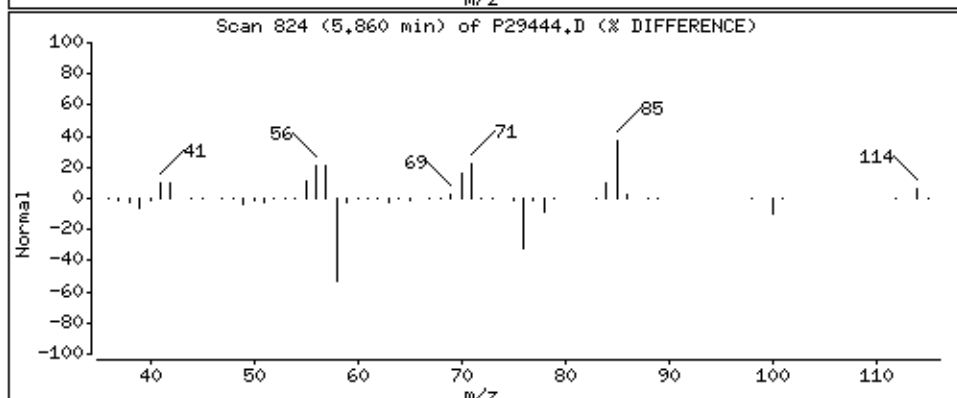
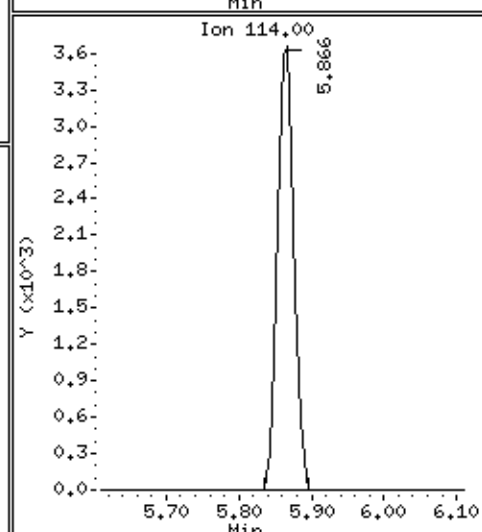
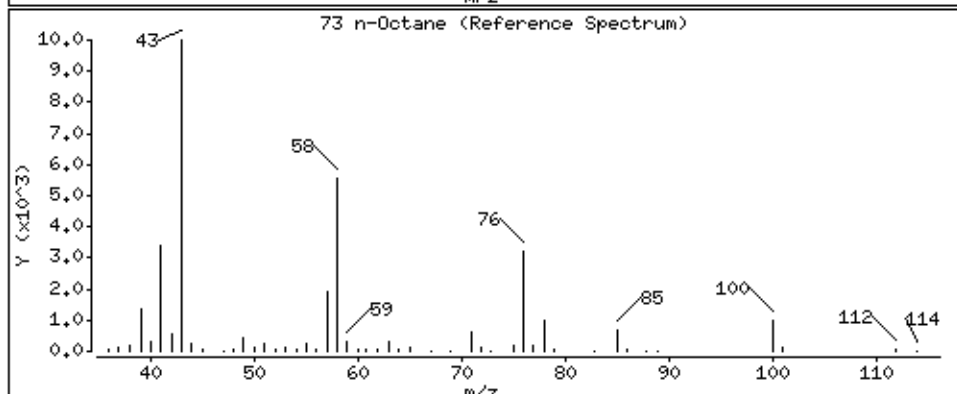
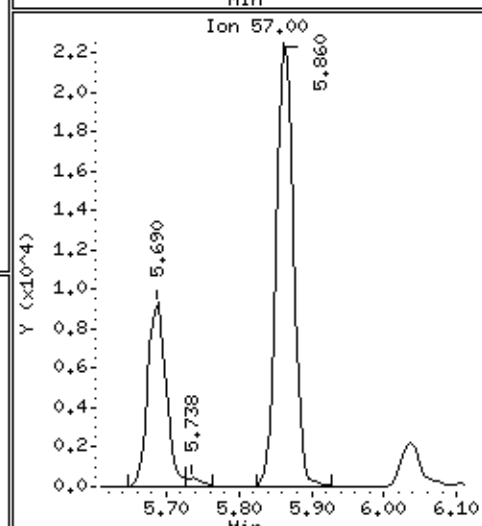
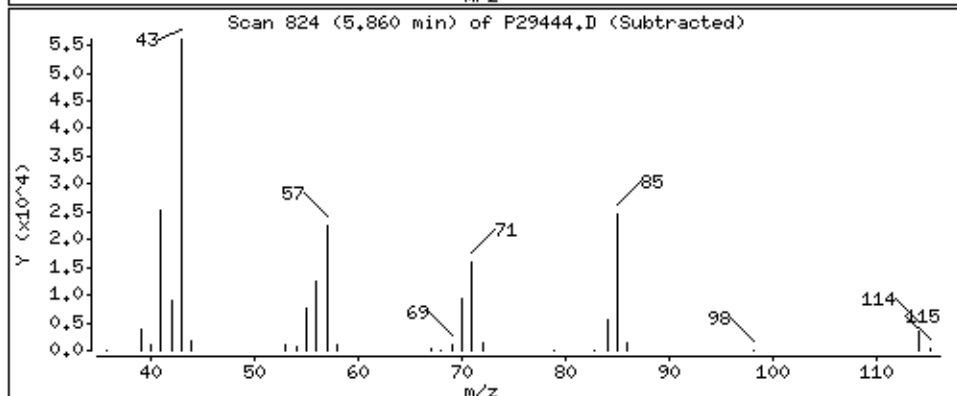
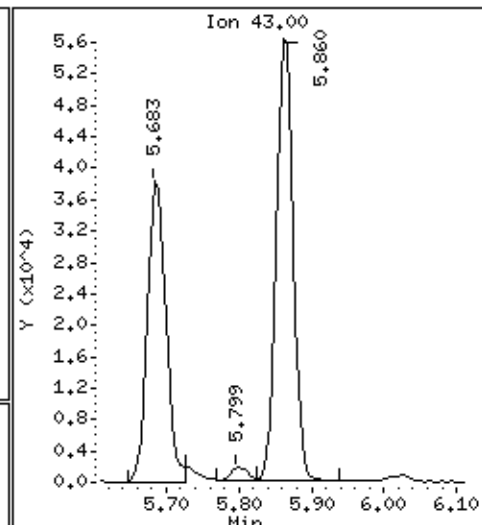
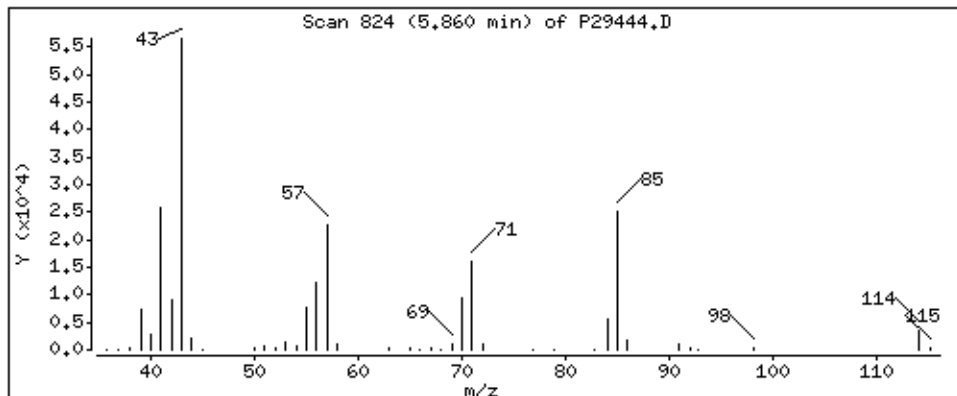
Column phase: RTX-624

Column diameter: 0,18

73 n-Octane

Concentration: 44,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

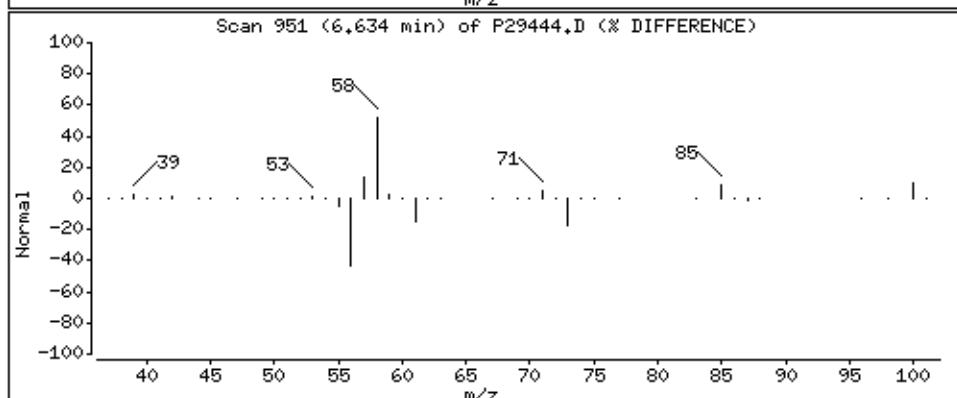
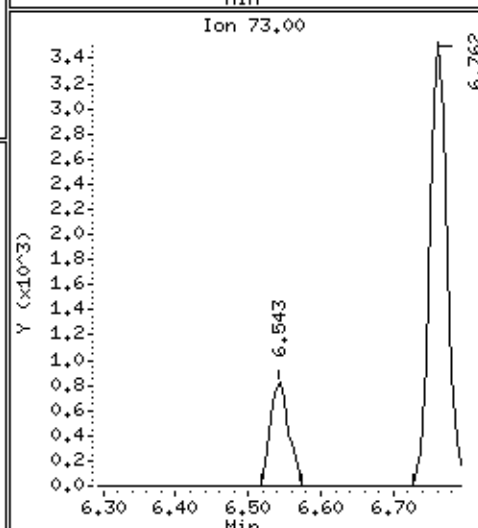
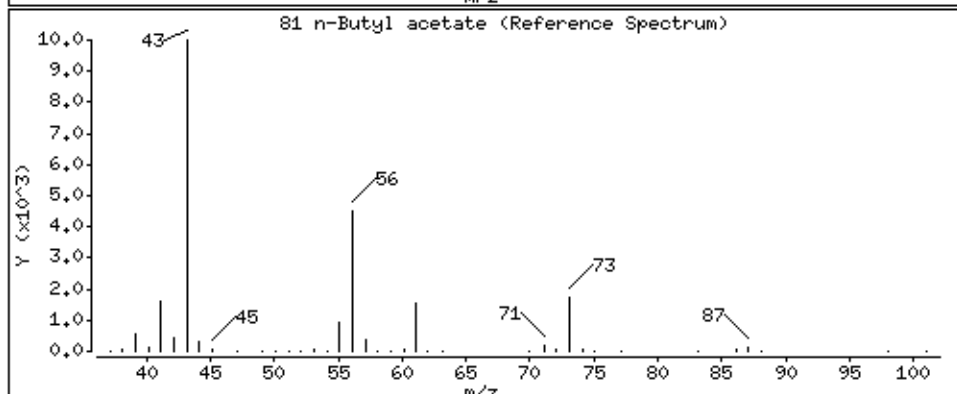
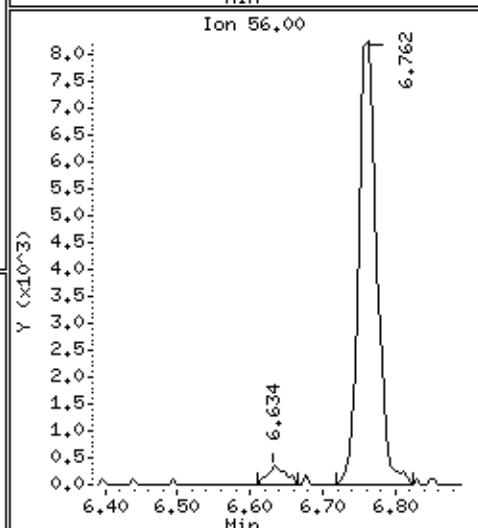
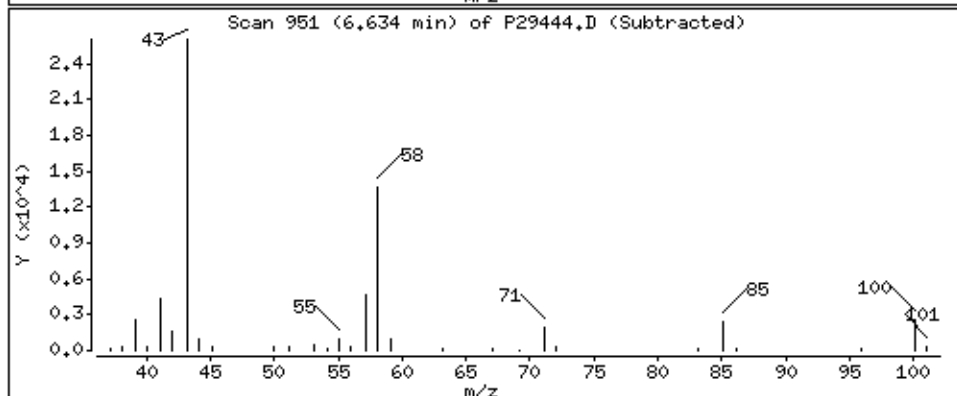
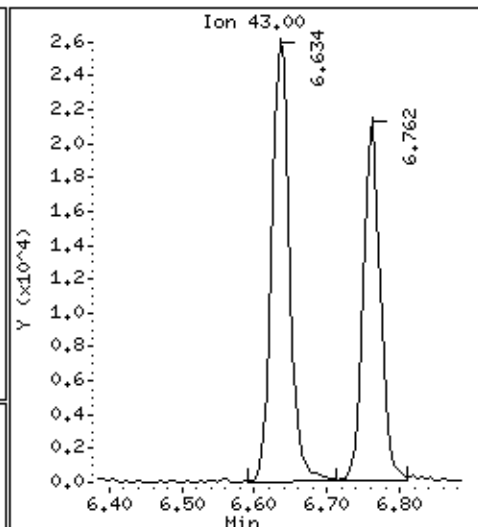
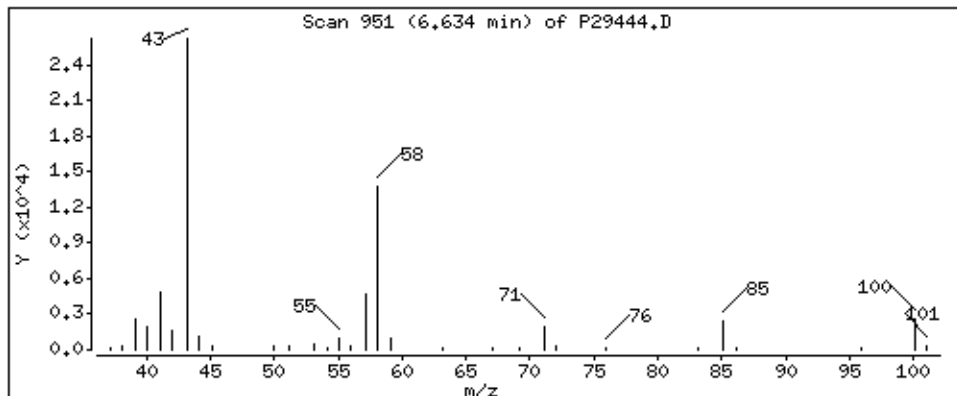
Column phase: RTX-624

Column diameter: 0,18

81 n-Butyl acetate

Concentration: 25,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

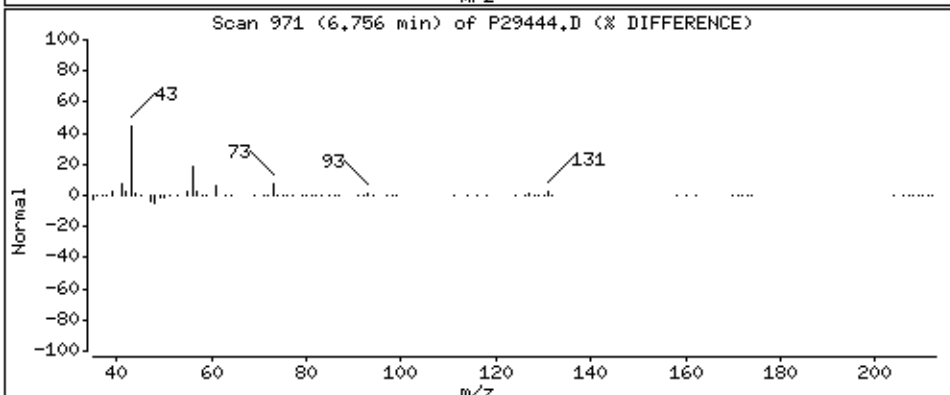
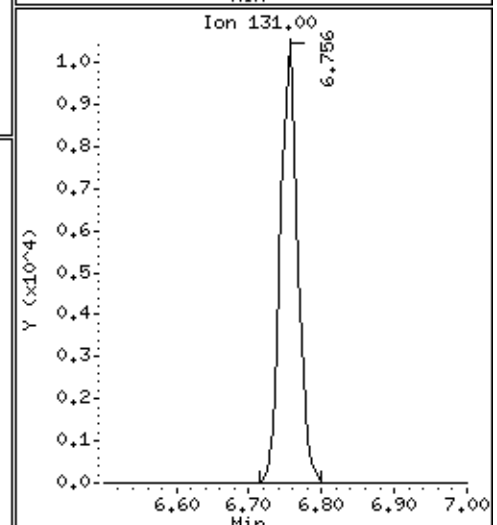
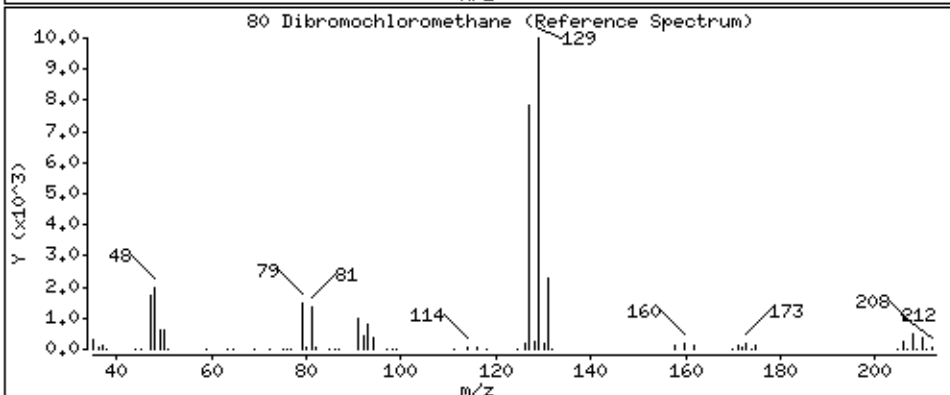
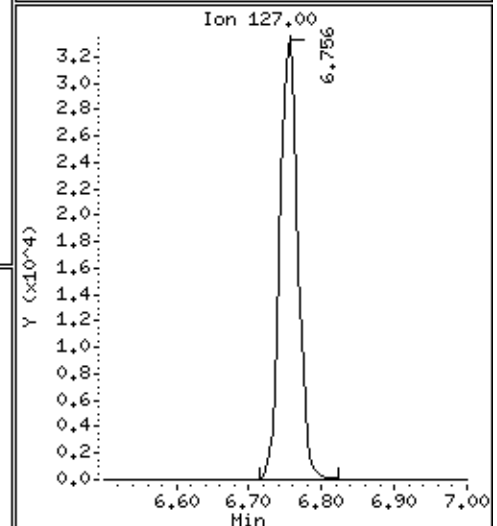
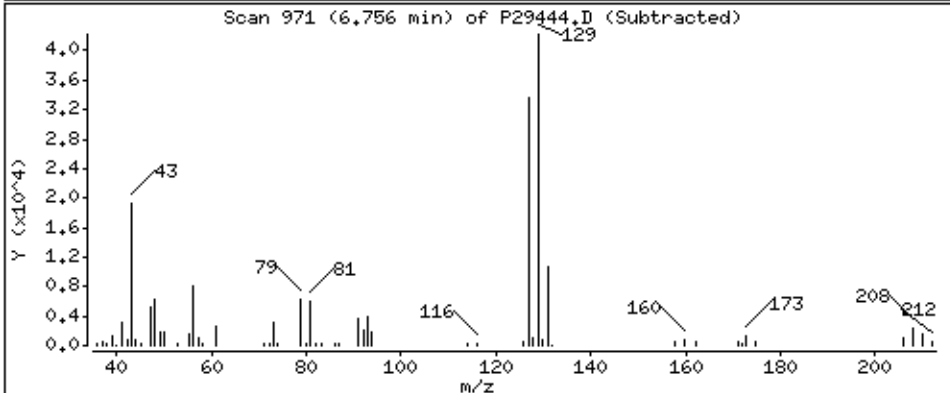
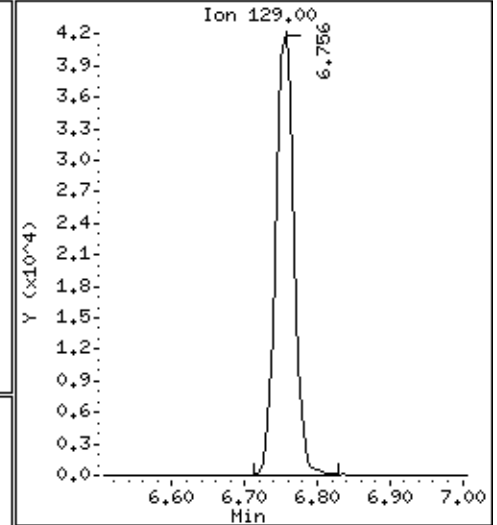
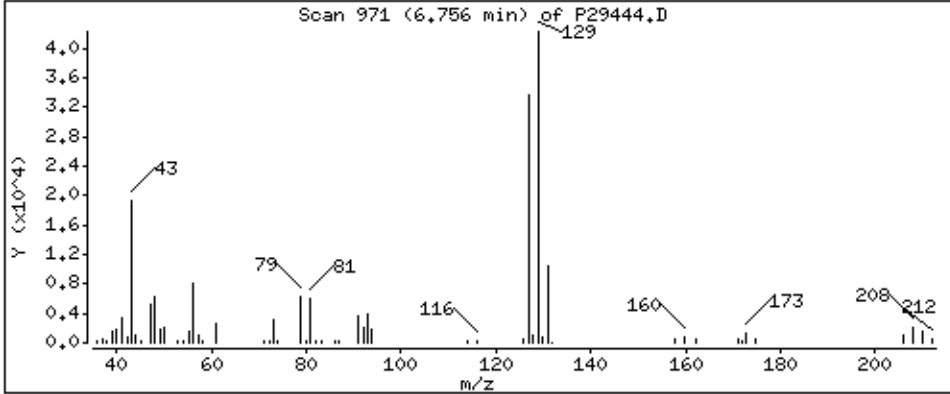
Column phase: RTX-624

Column diameter: 0,18

80 Dibromochloromethane

Concentration: 48,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

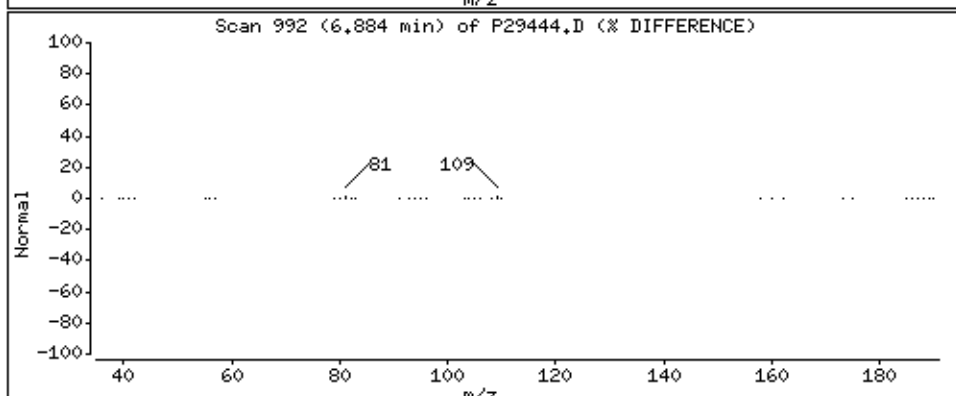
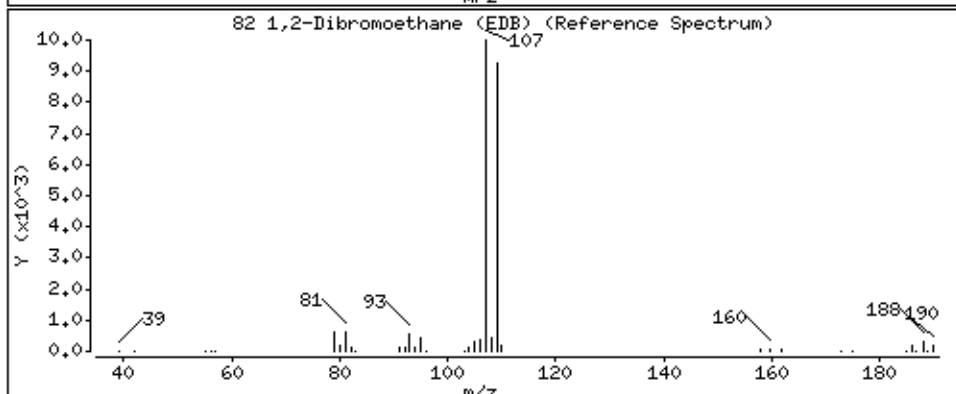
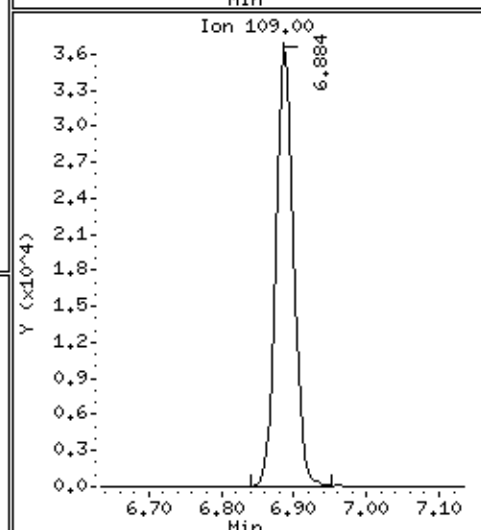
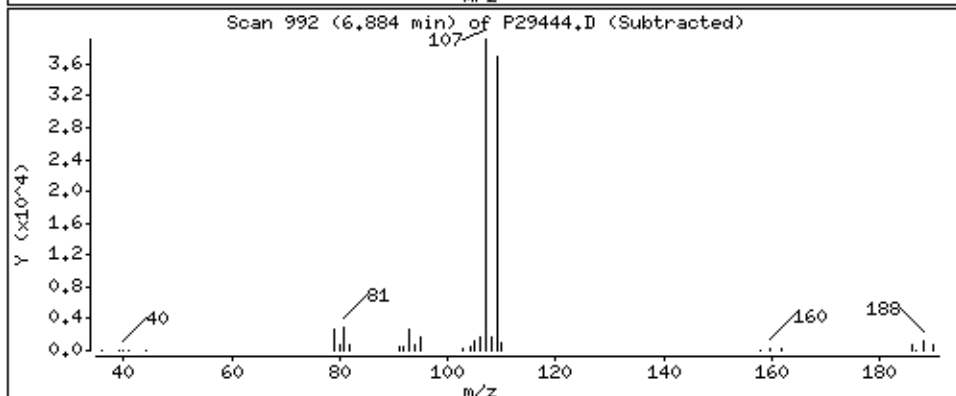
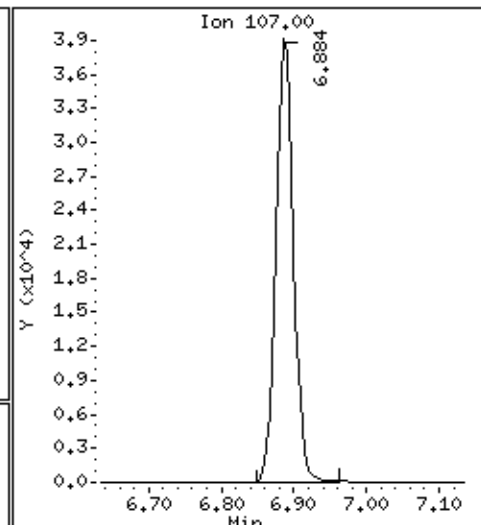
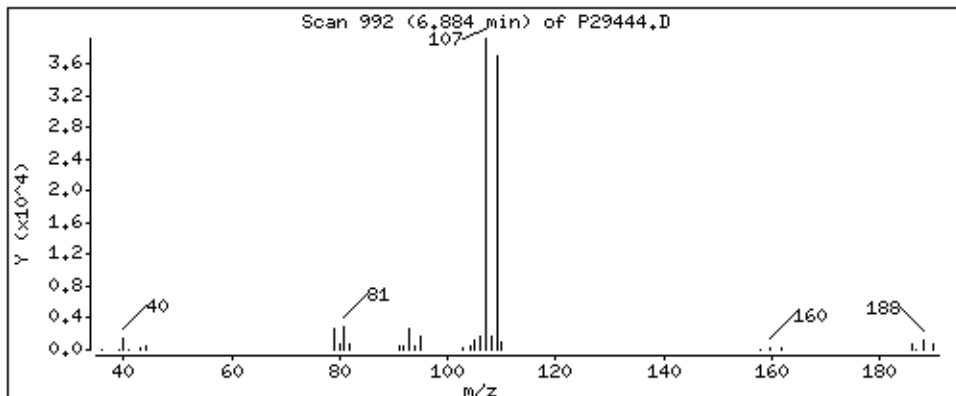
Column phase: RTX-624

Column diameter: 0,18

82 1,2-Dibromoethane (EDB)

Concentration: 46,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

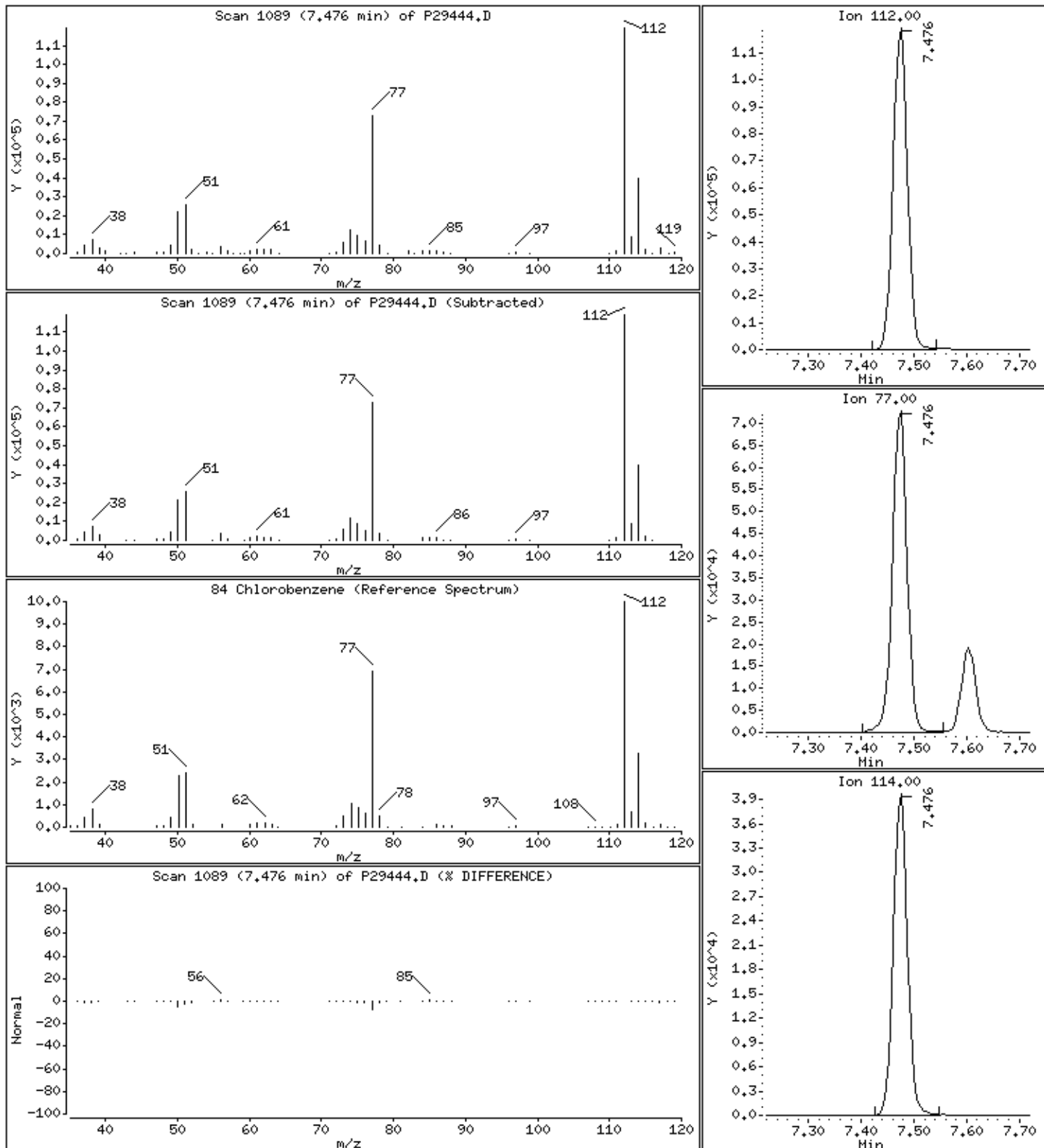
Column phase: RTX-624

Column diameter: 0,18

84 Chlorobenzene

Concentration: 47,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

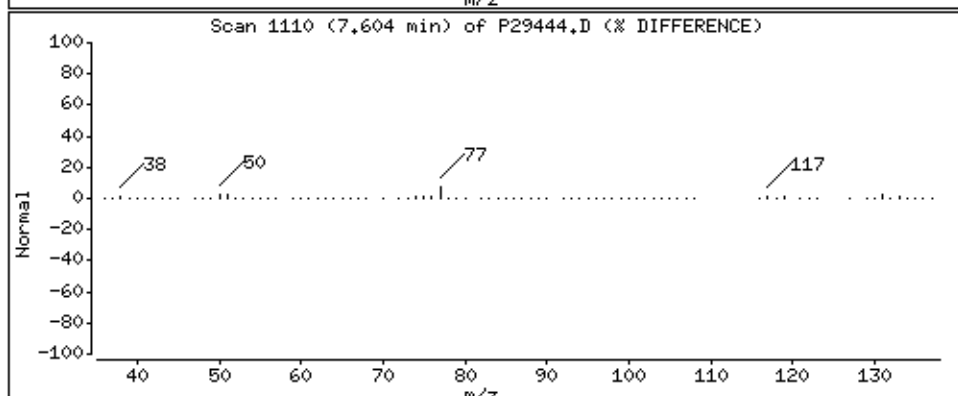
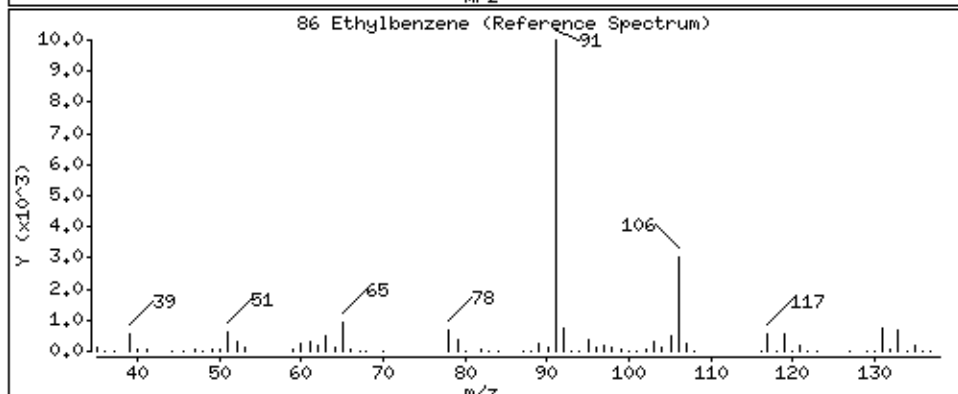
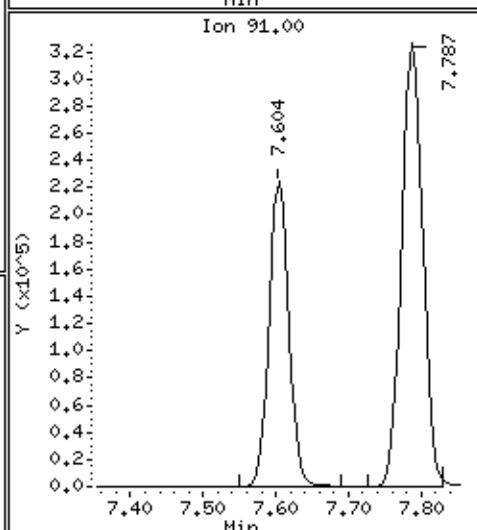
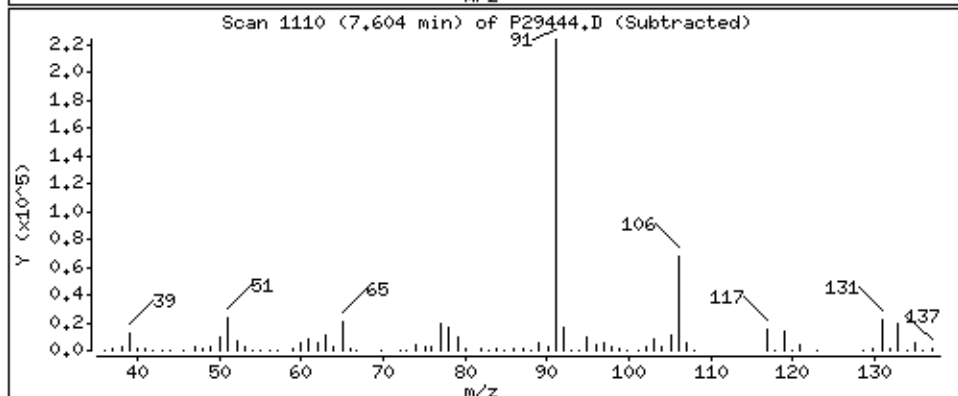
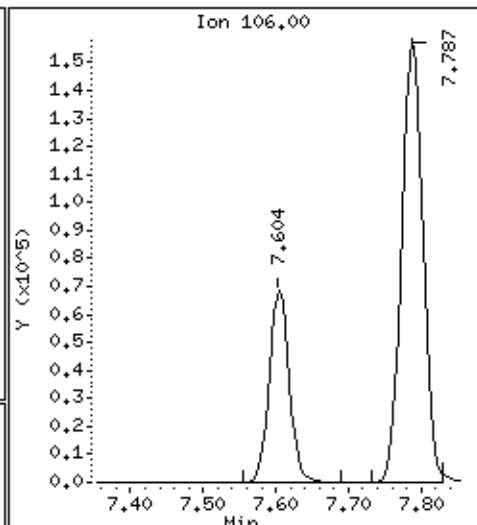
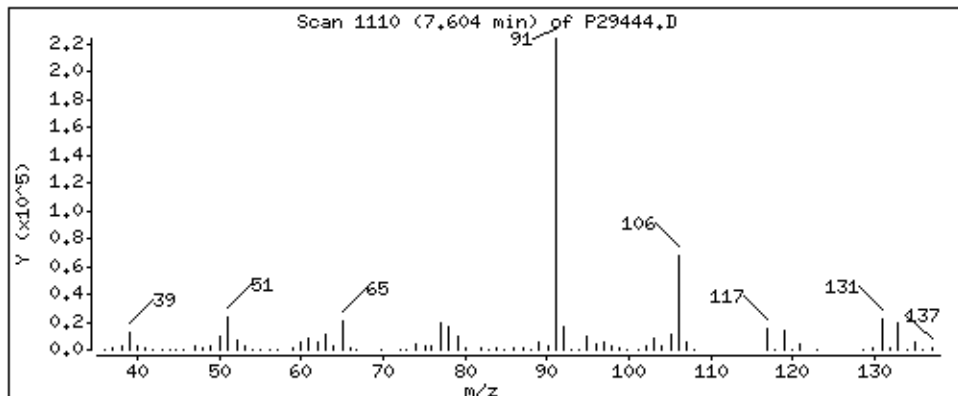
Column phase: RTX-624

Column diameter: 0,18

86 Ethylbenzene

Concentration: 46,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

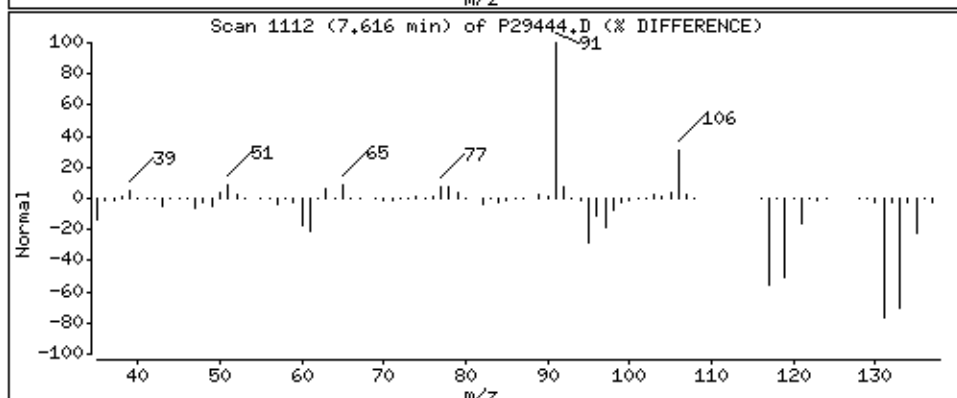
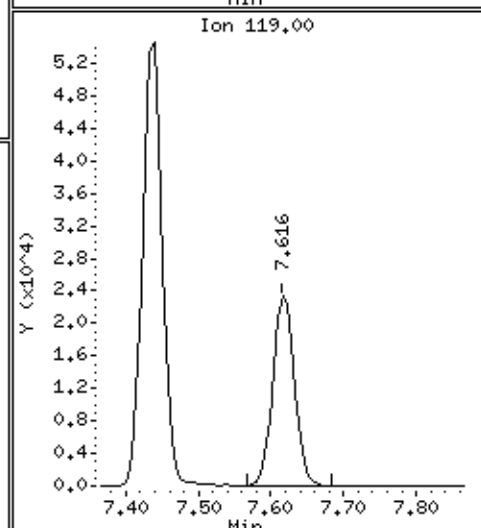
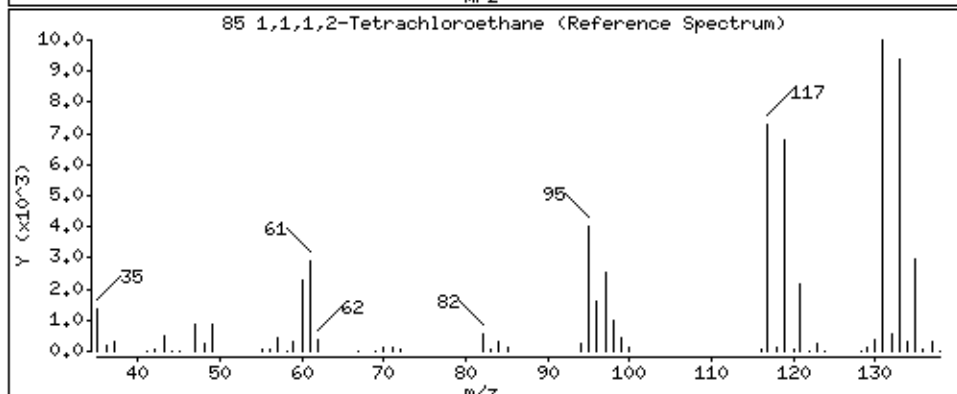
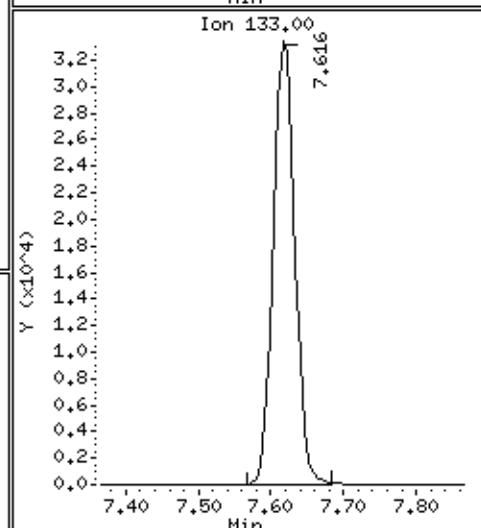
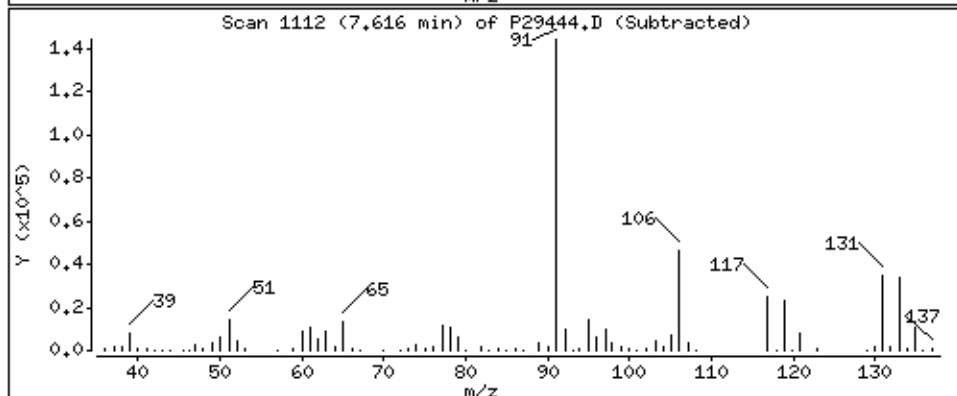
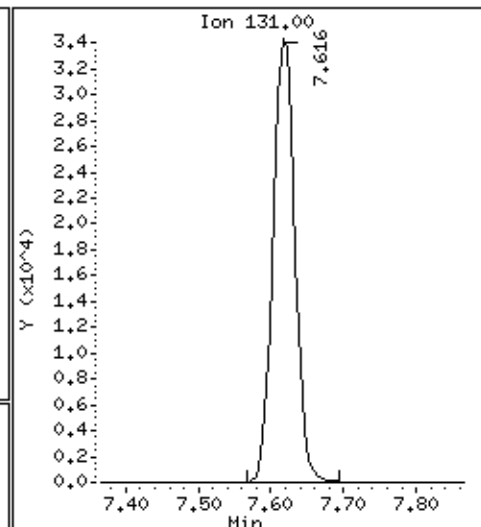
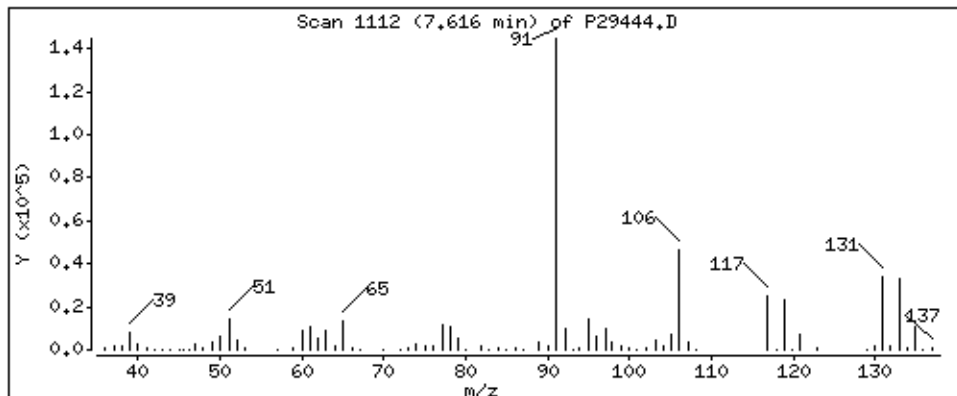
Column phase: RTX-624

Column diameter: 0,18

85 1,1,1,2-Tetrachloroethane

Concentration: 45,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

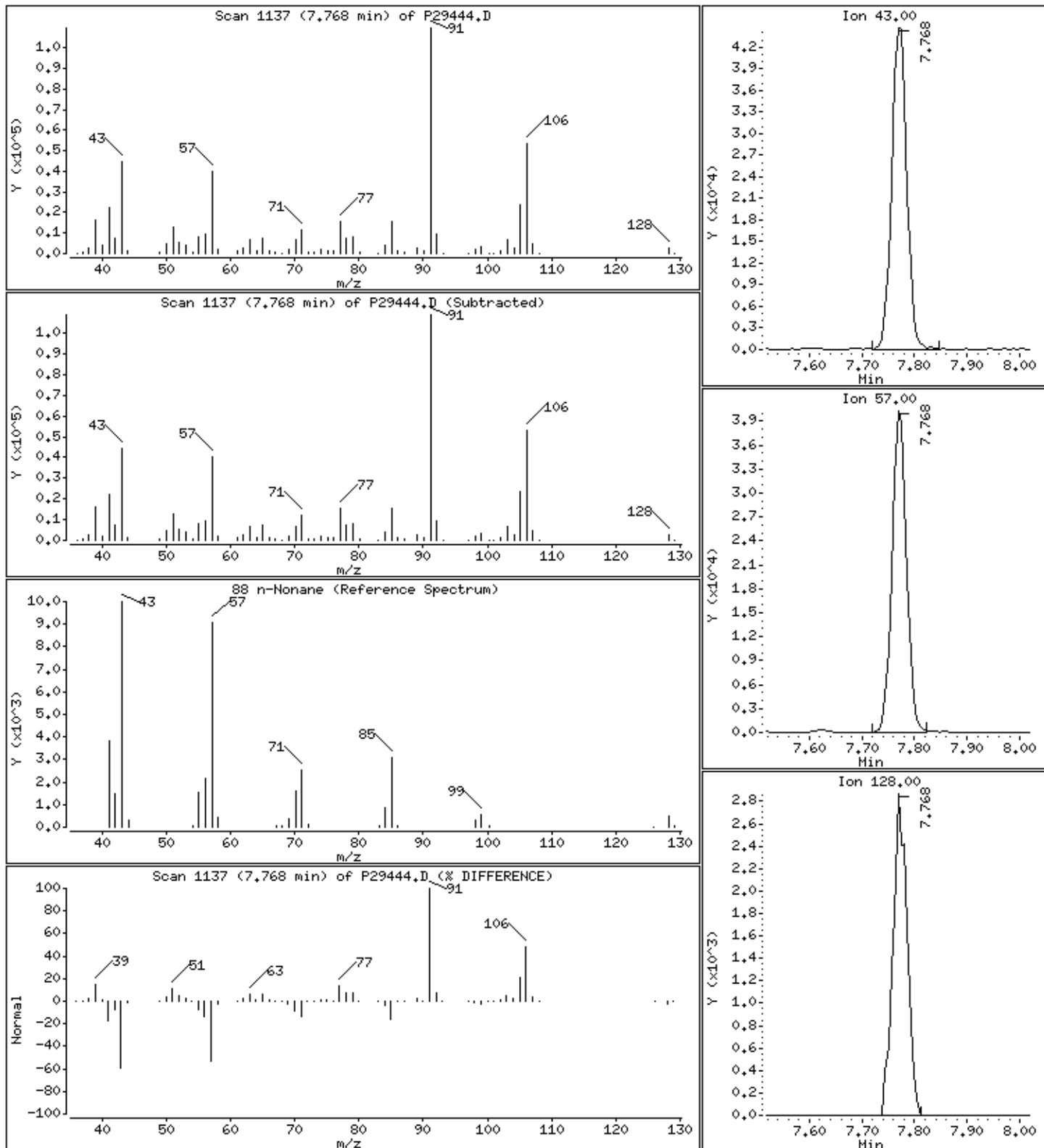
Column phase: RTX-624

Column diameter: 0,18

88 n-Nonane

Concentration: 59,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

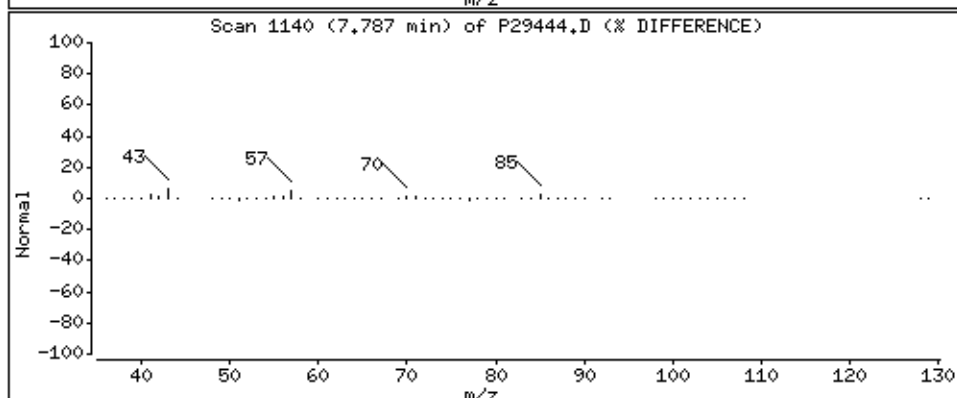
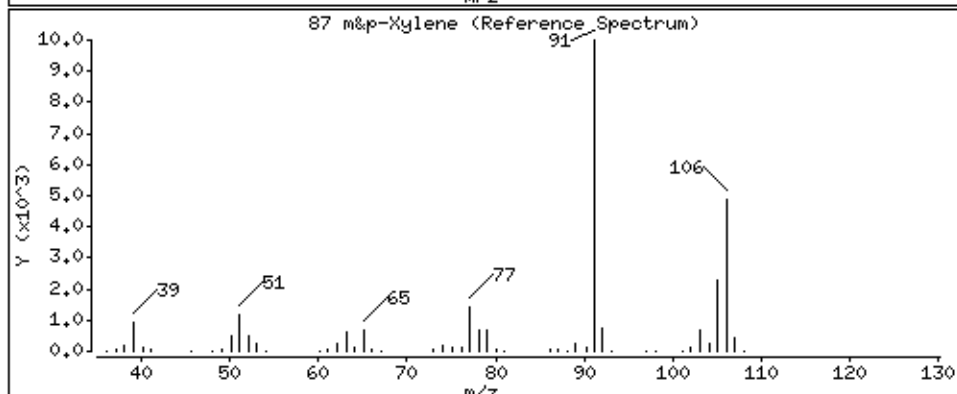
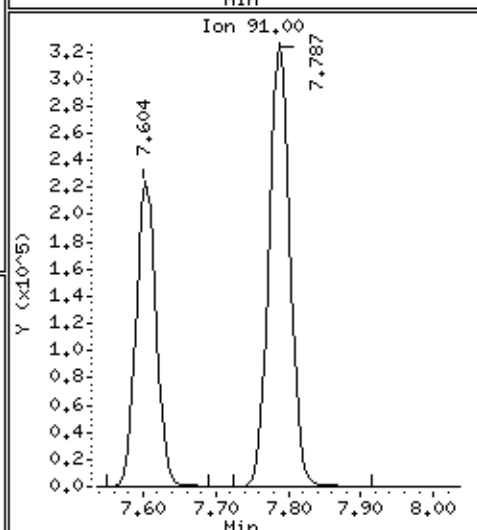
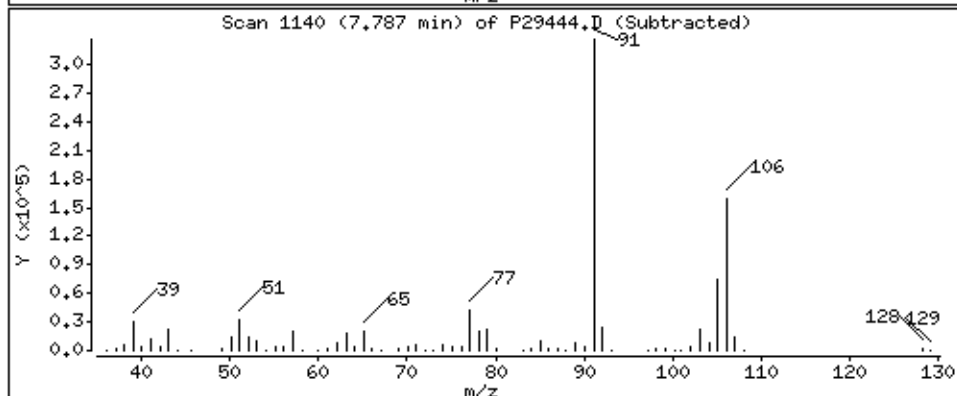
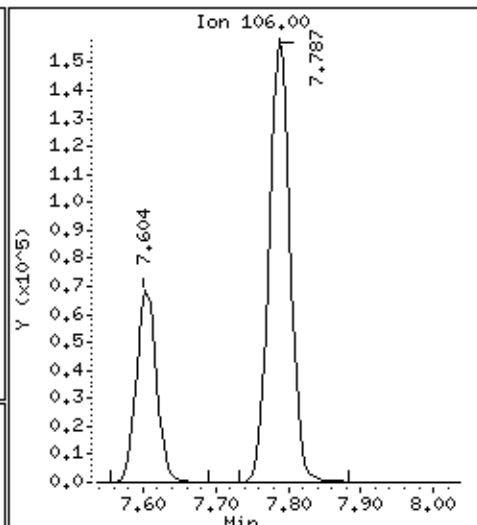
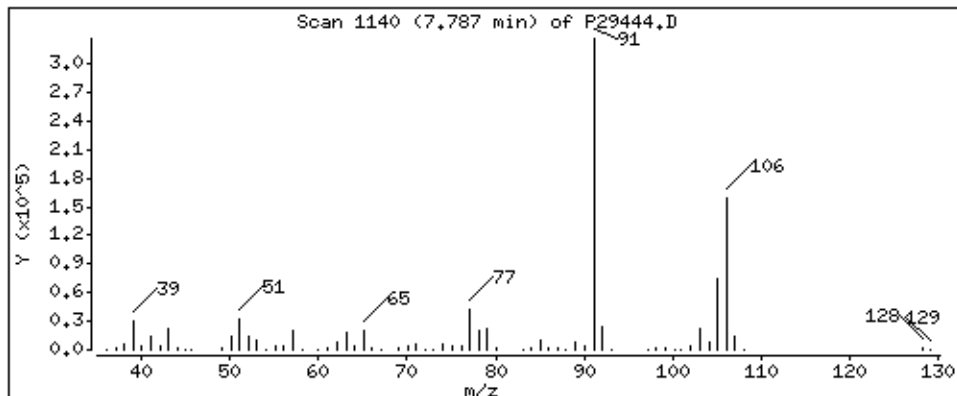
Column phase: RTX-624

Column diameter: 0,18

87 m&p-Xylene

Concentration: 92.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

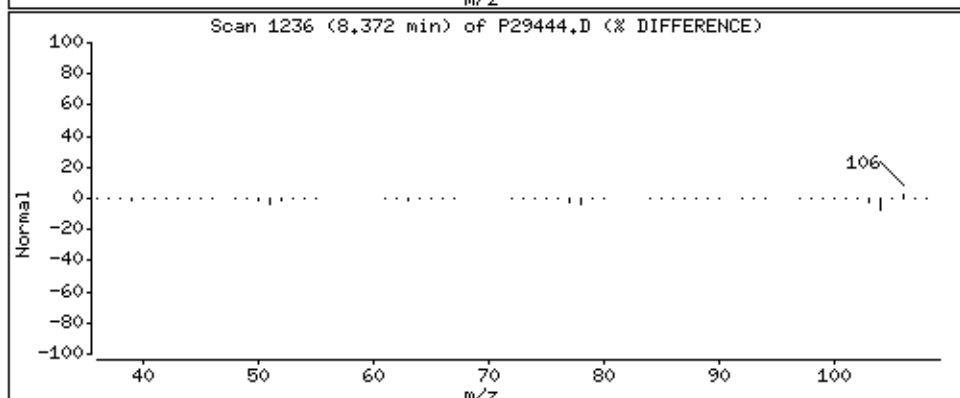
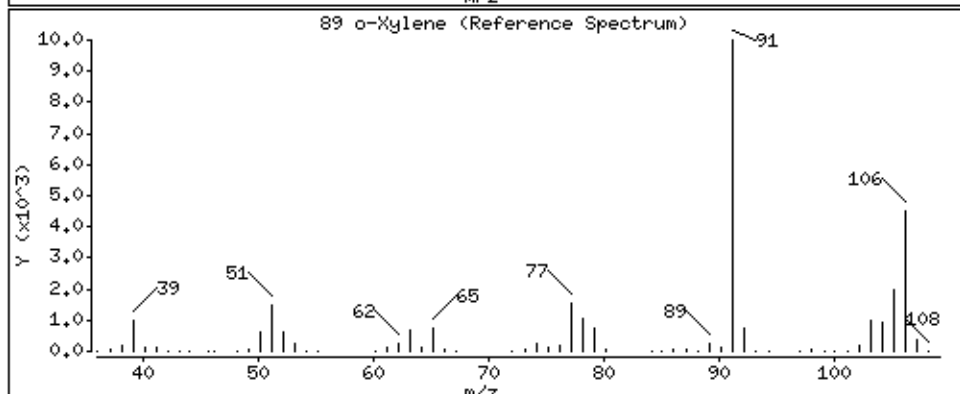
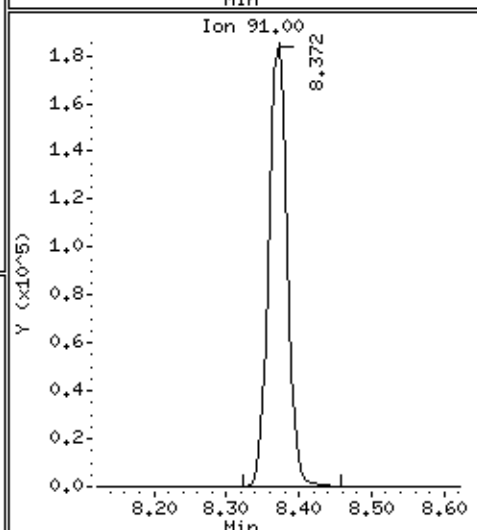
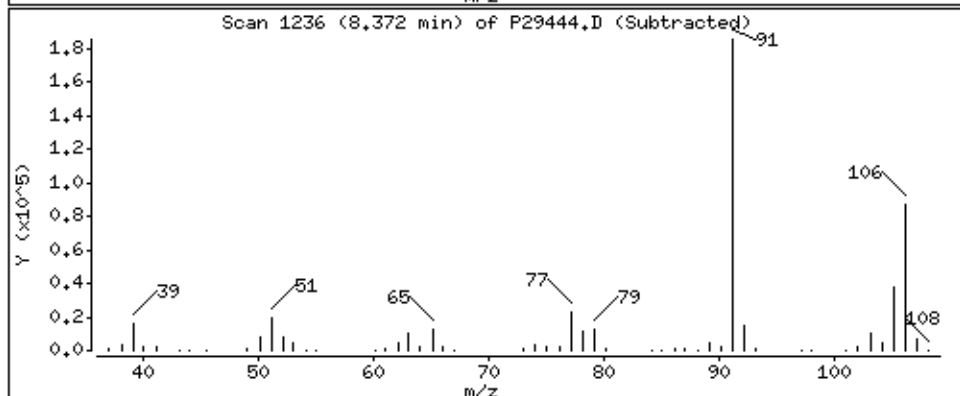
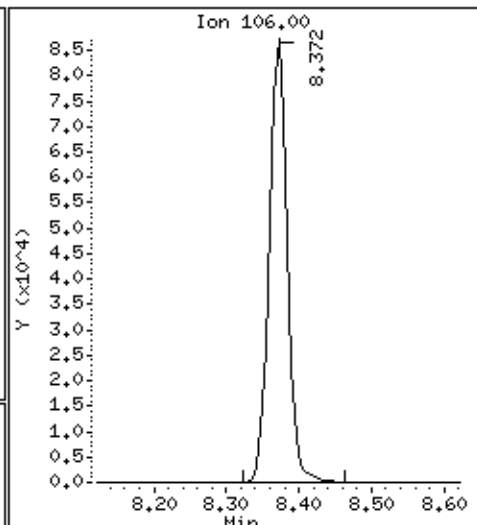
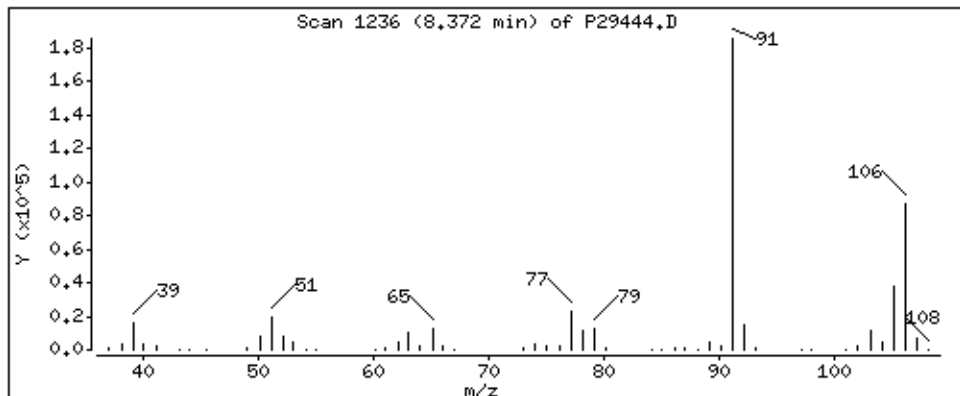
Column phase: RTX-624

Column diameter: 0.18

89 o-Xylene

Concentration: 45.0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

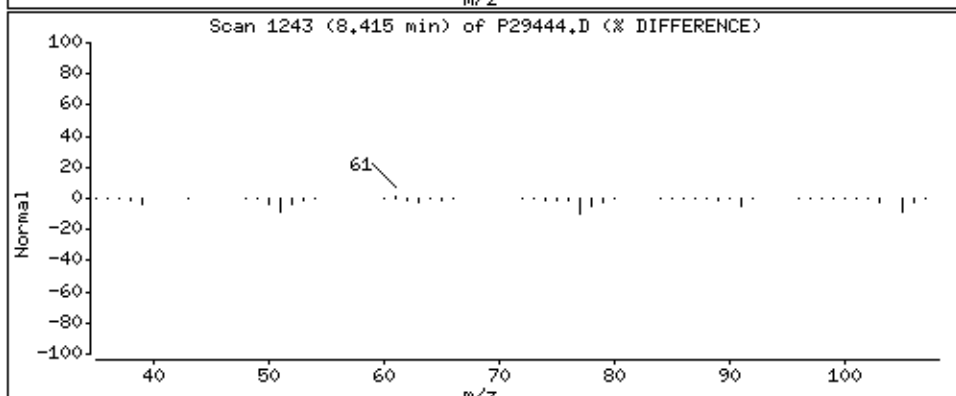
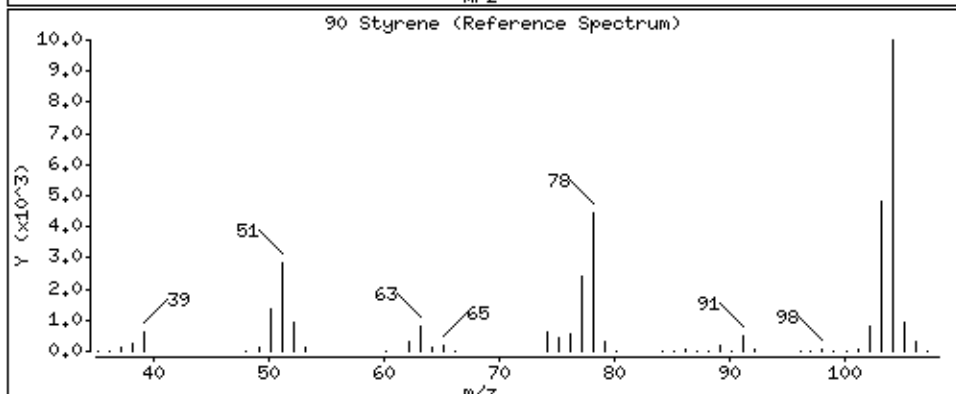
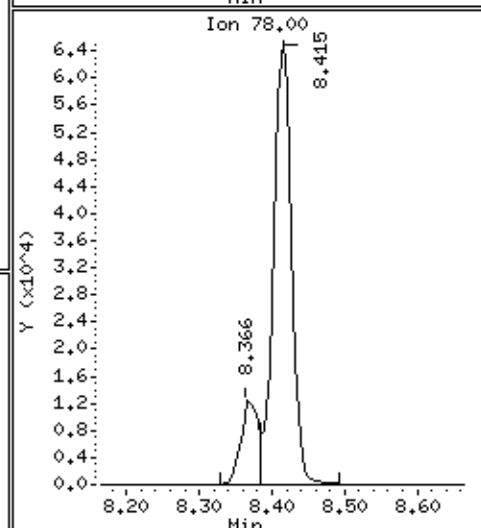
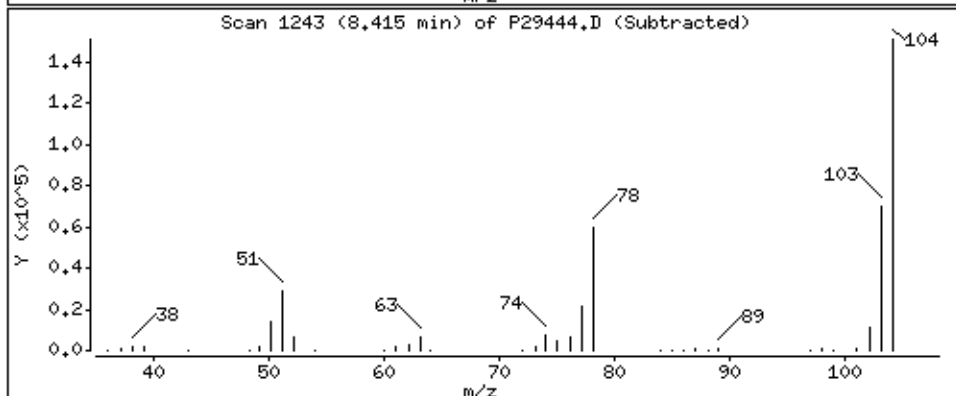
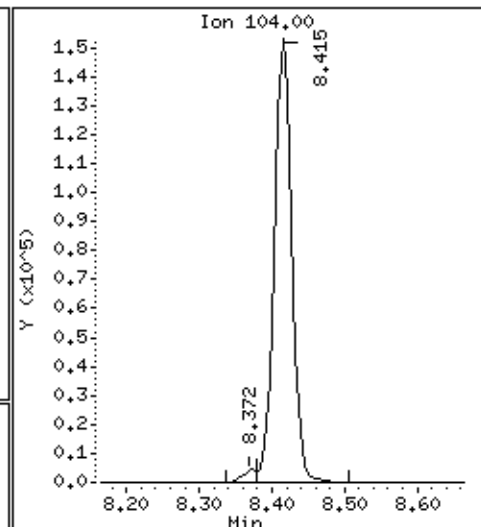
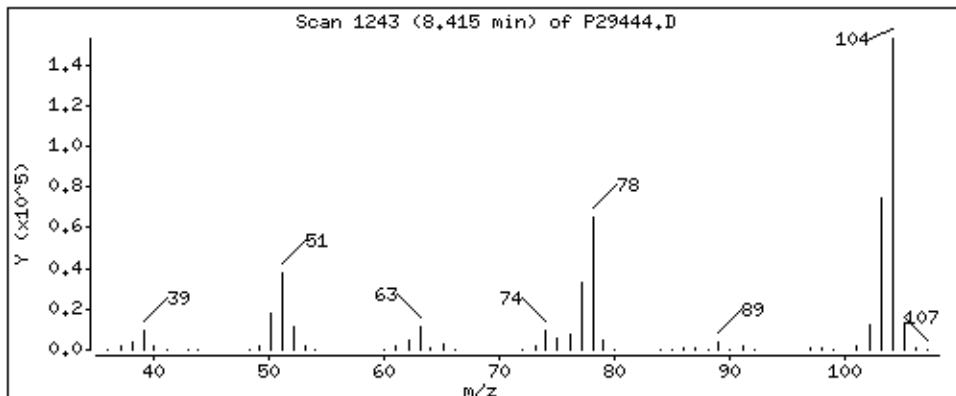
Column phase: RTX-624

Column diameter: 0.18

90 Styrene

Concentration: 46.0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

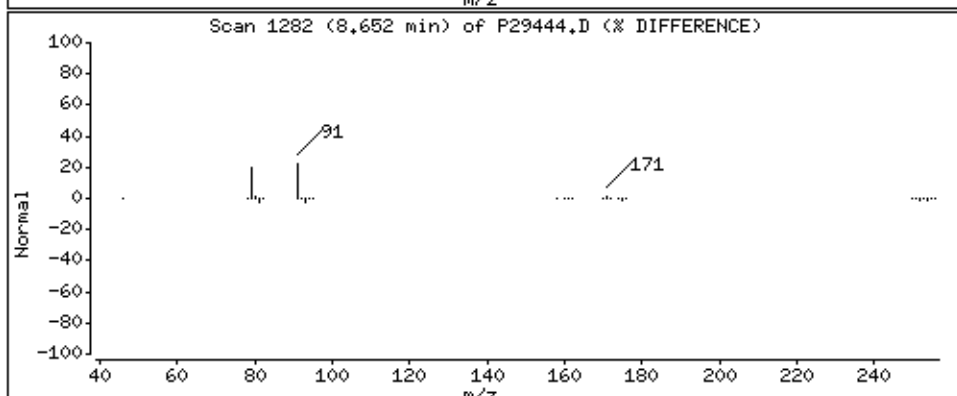
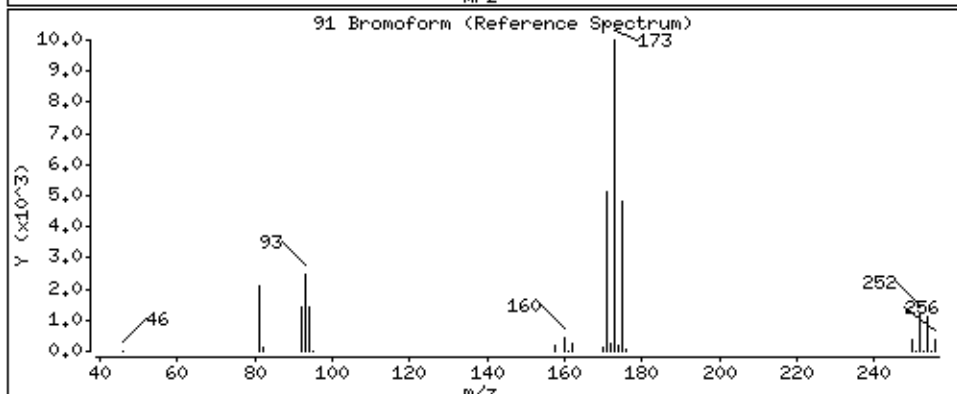
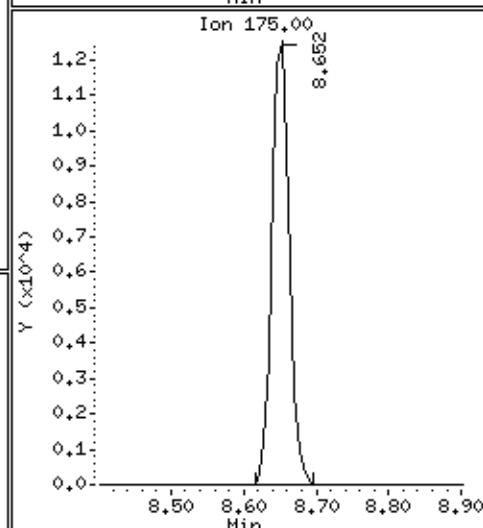
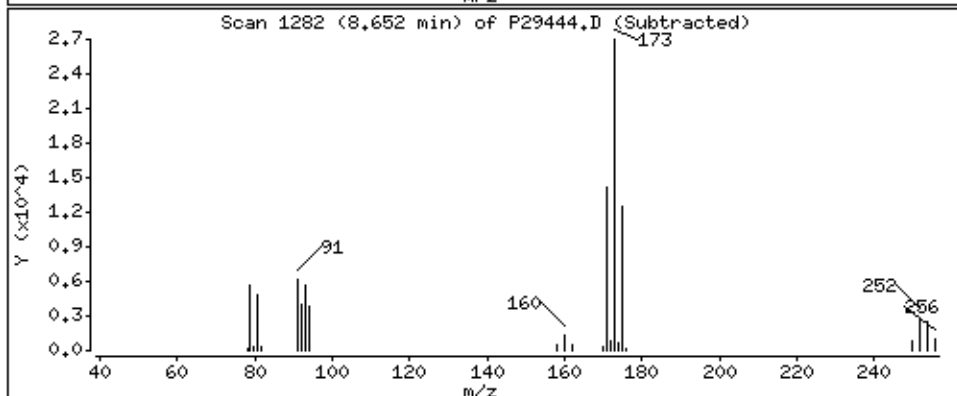
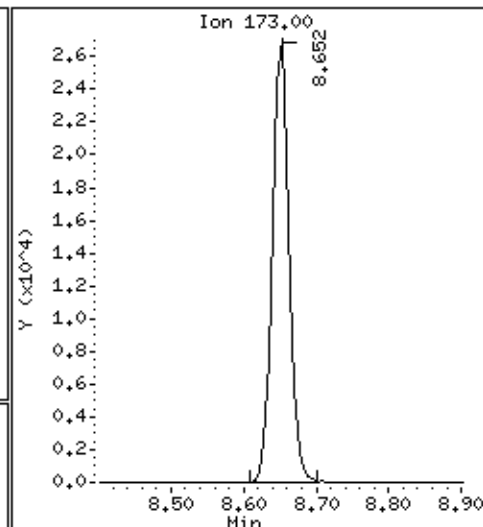
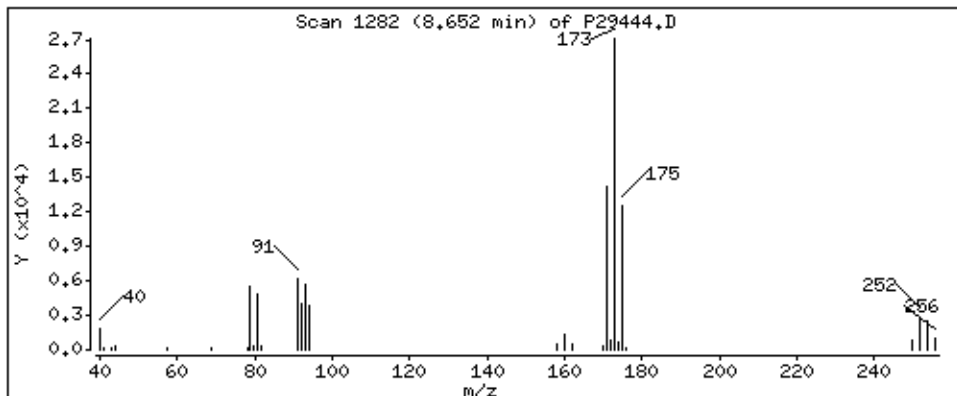
Column phase: RTX-624

Column diameter: 0,18

91 Bromoform

Concentration: 53,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

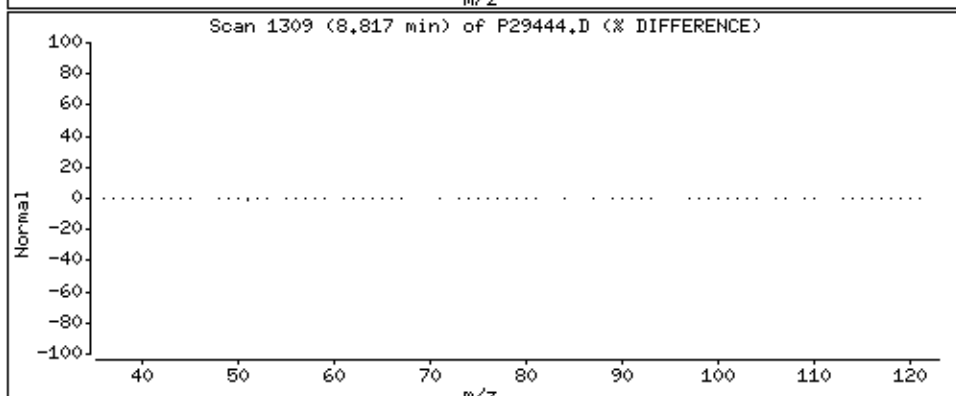
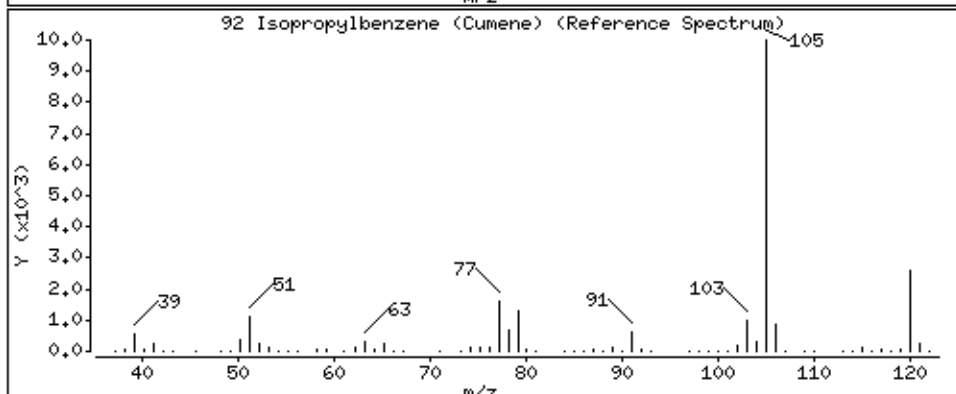
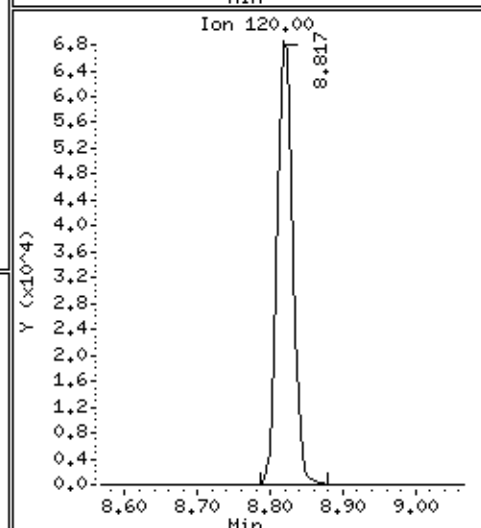
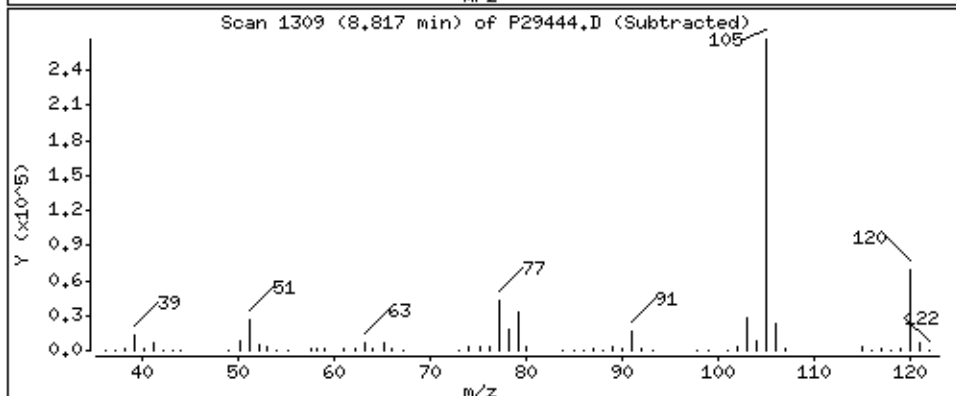
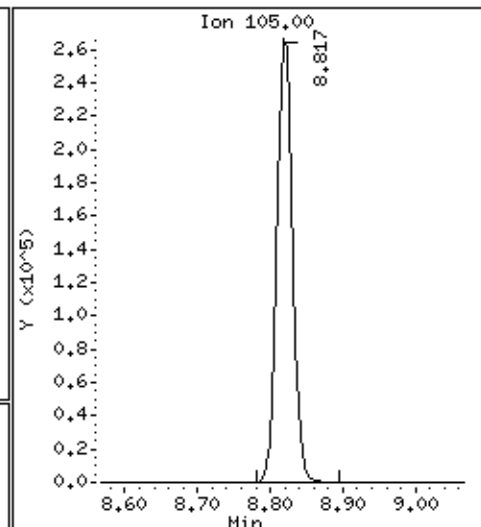
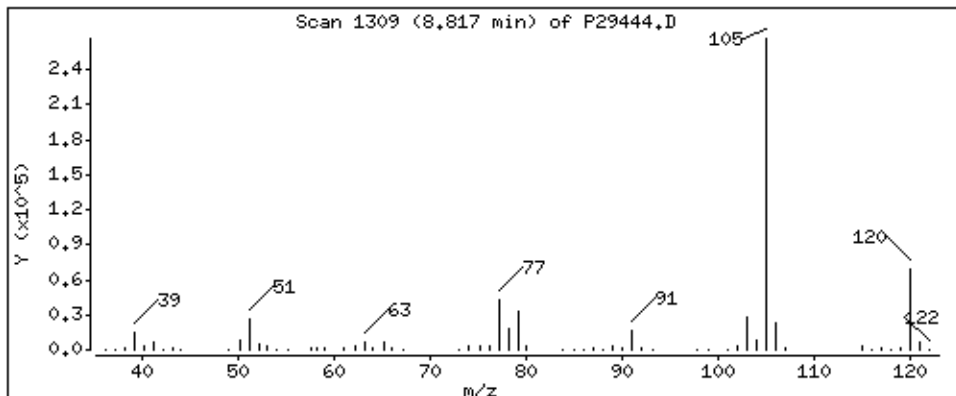
Column phase: RTX-624

Column diameter: 0.18

92 Isopropylbenzene (Cumene)

Concentration: 42.8 ug/L

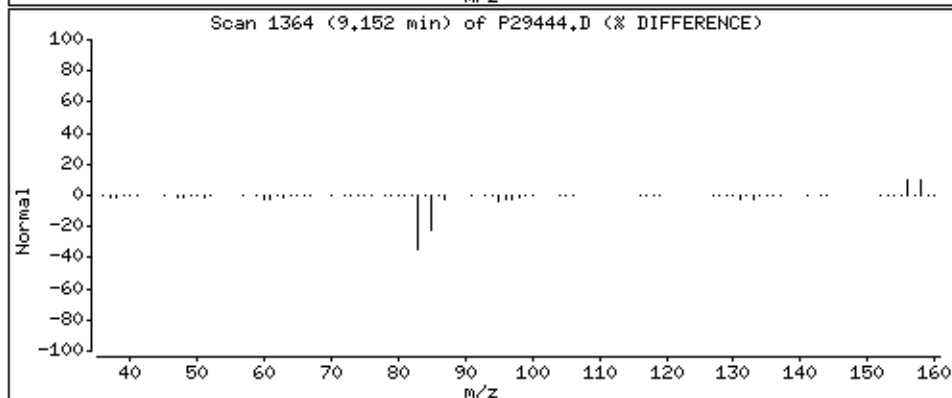
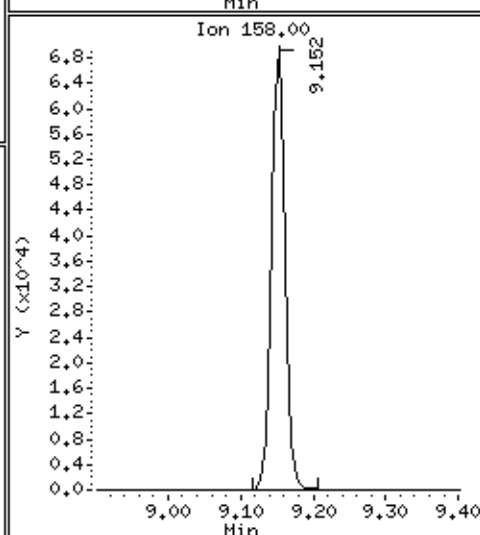
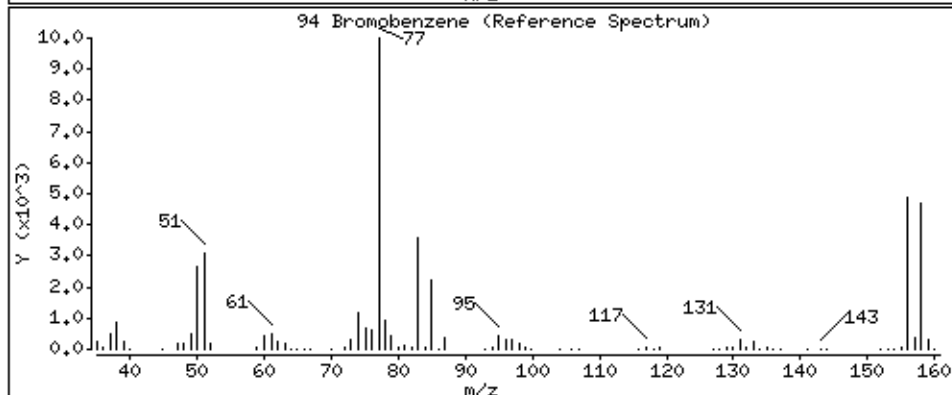
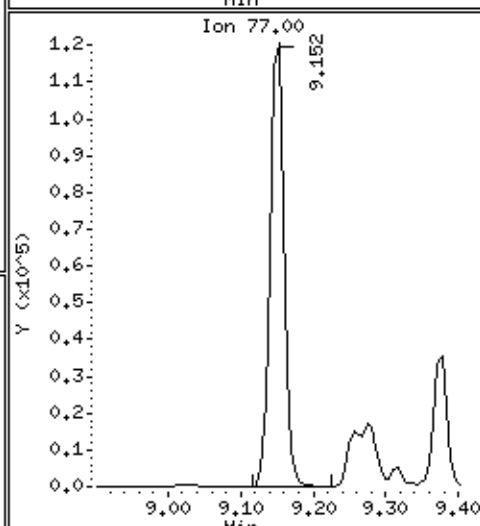
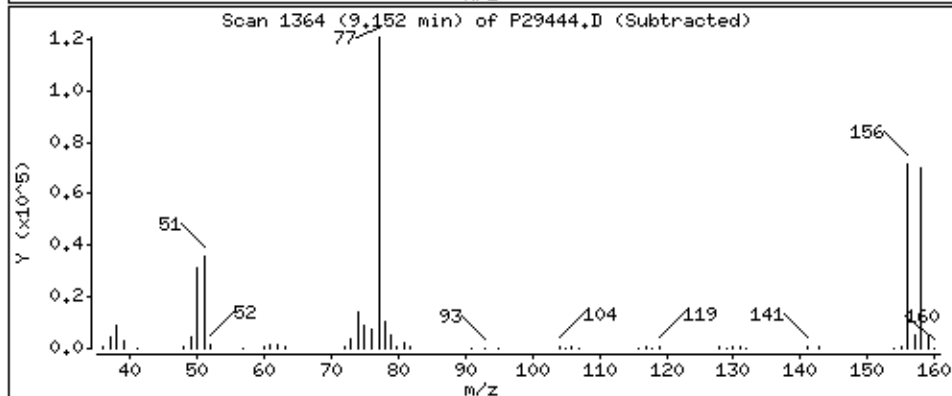
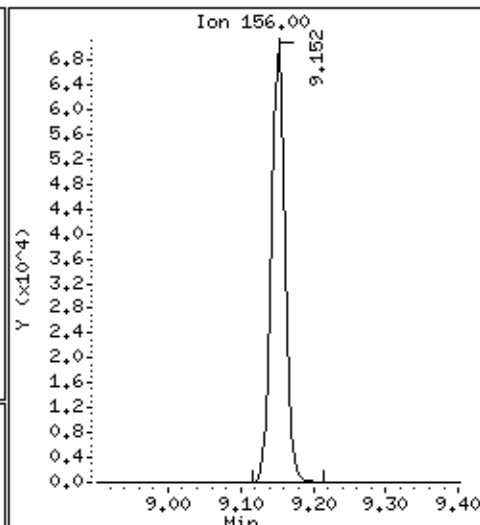
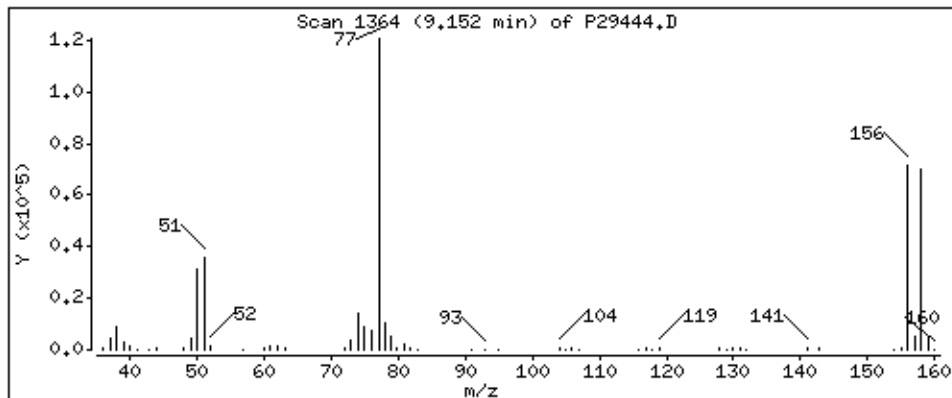
Review Code:



94 Bromobenzene

Concentration: 46.0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

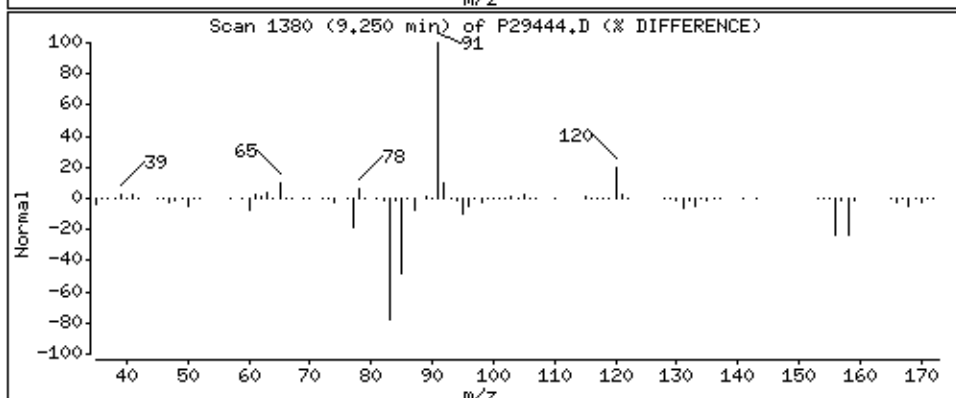
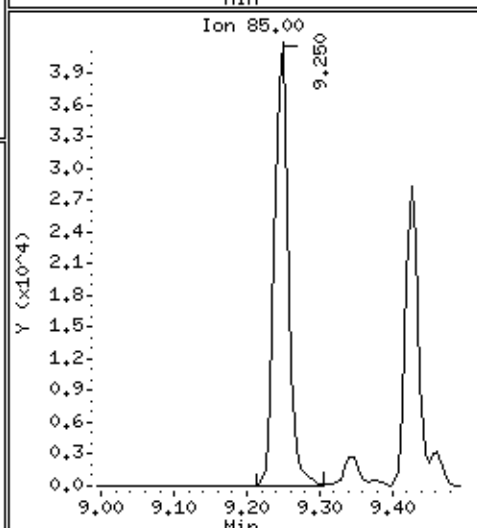
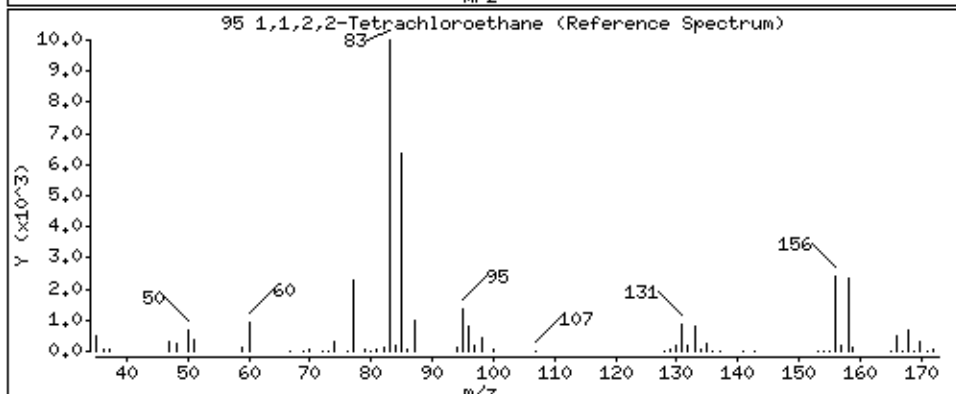
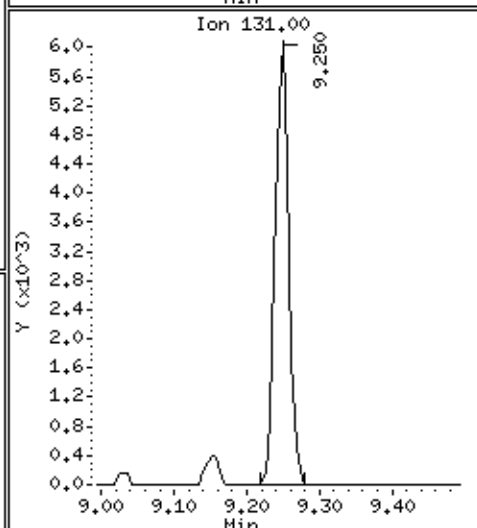
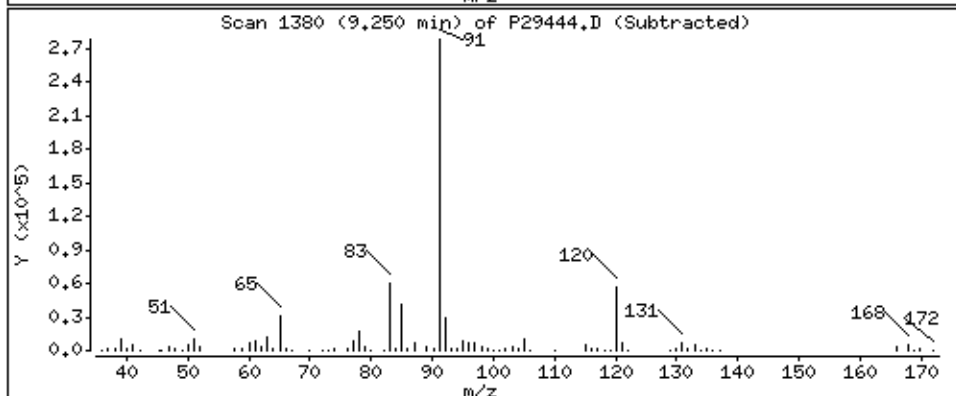
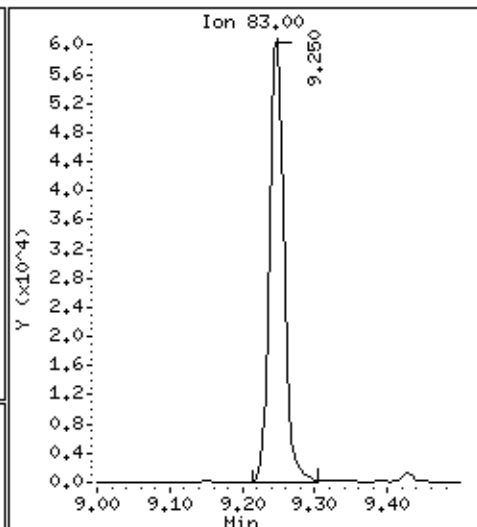
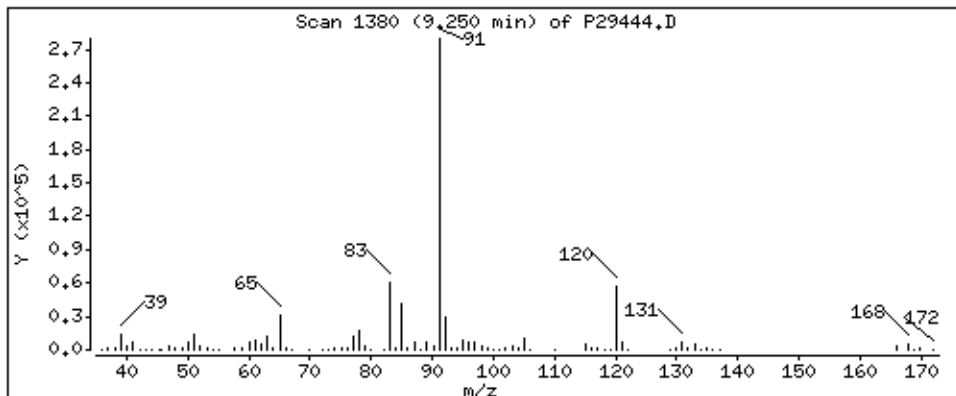
Column phase: RTX-624

Column diameter: 0.18

95 1,1,2,2-Tetrachloroethane

Concentration: 48.0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

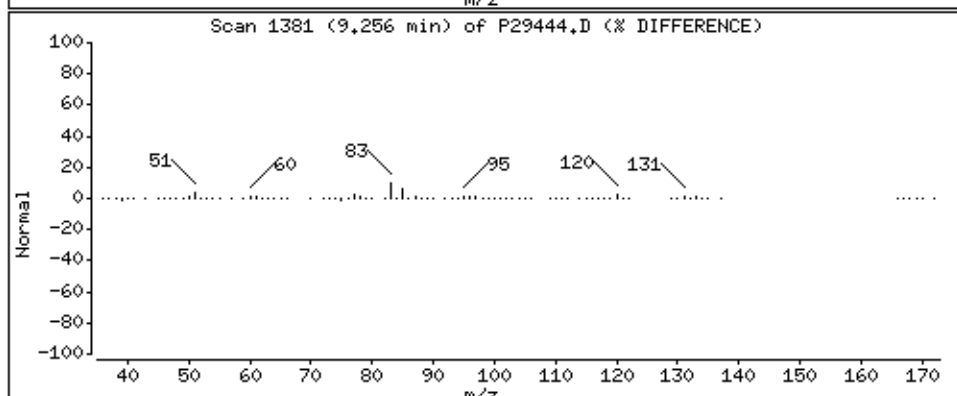
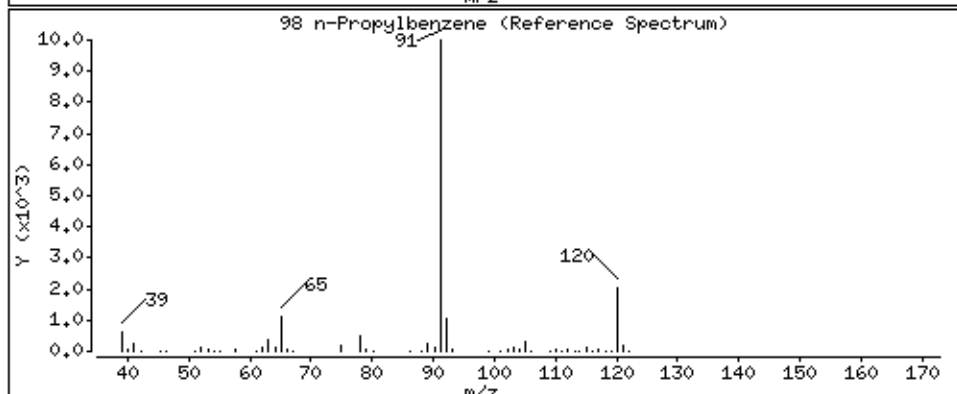
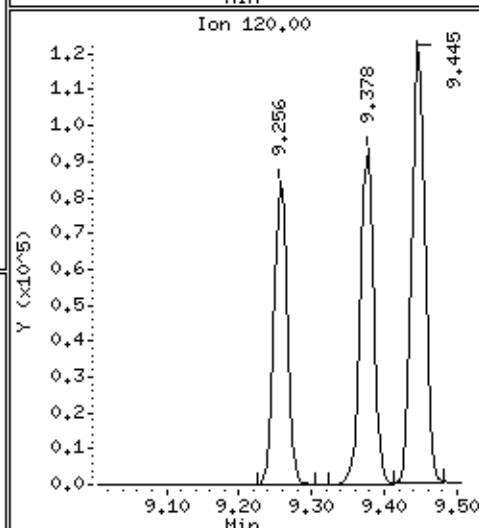
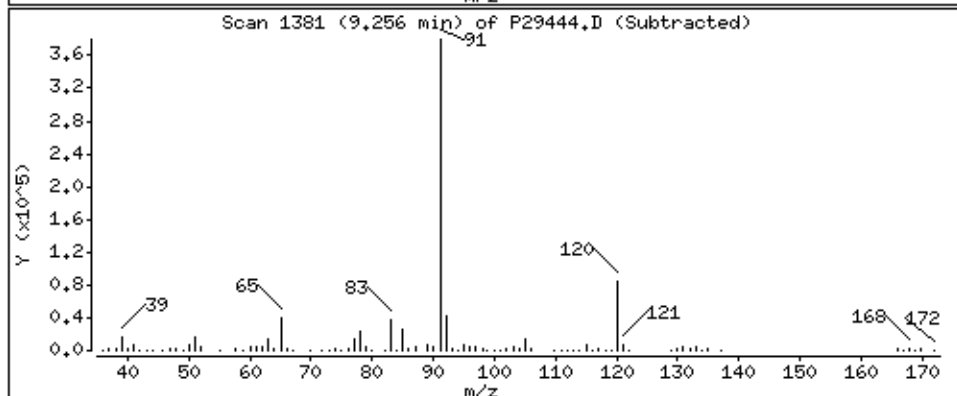
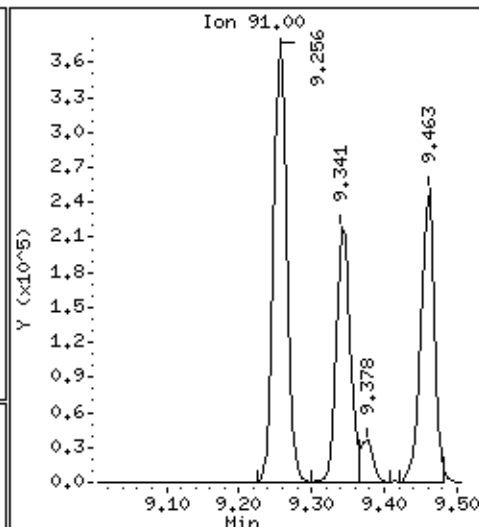
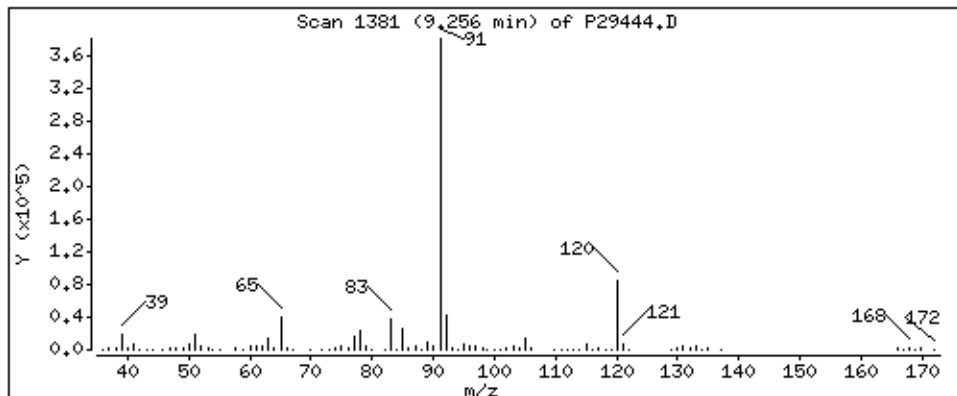
Column phase: RTX-624

Column diameter: 0,18

98 n-Propylbenzene

Concentration: 42.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

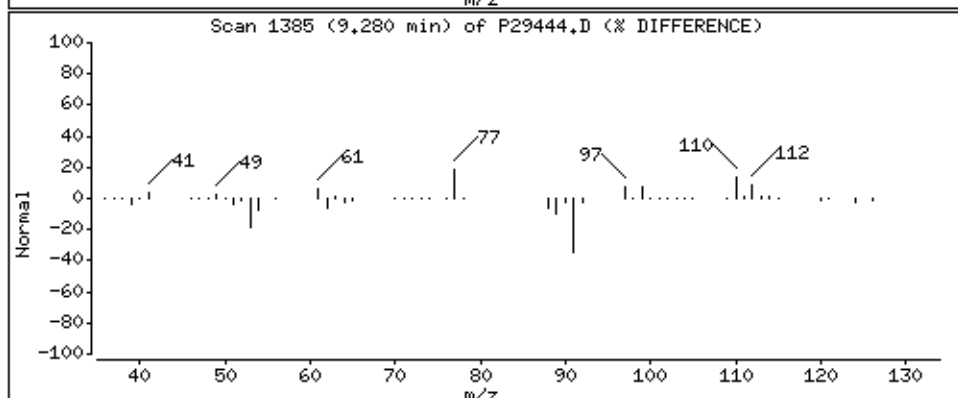
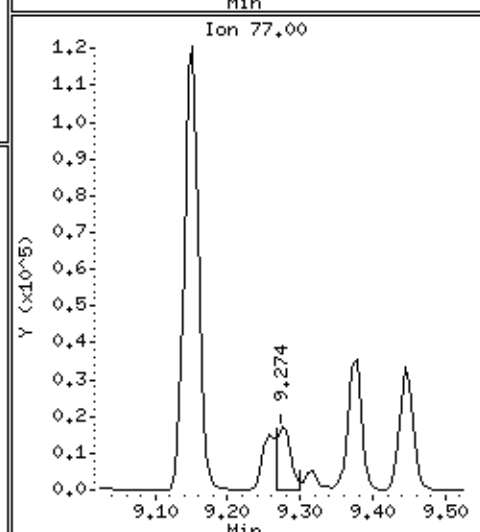
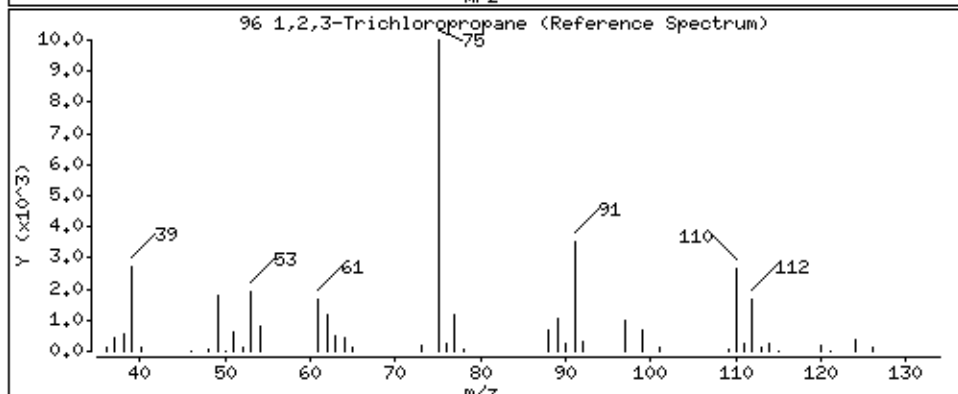
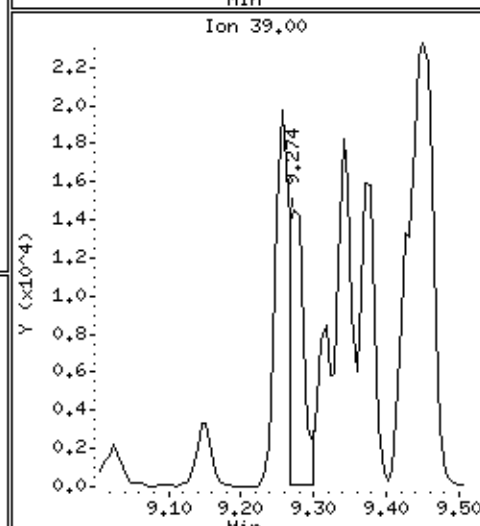
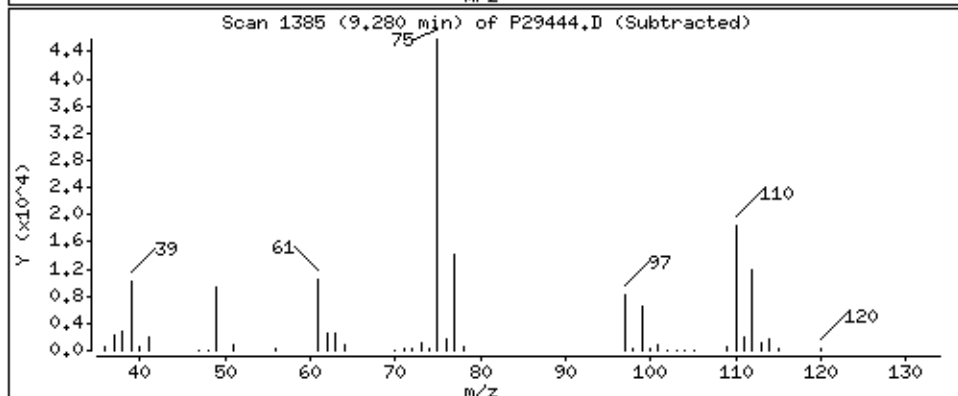
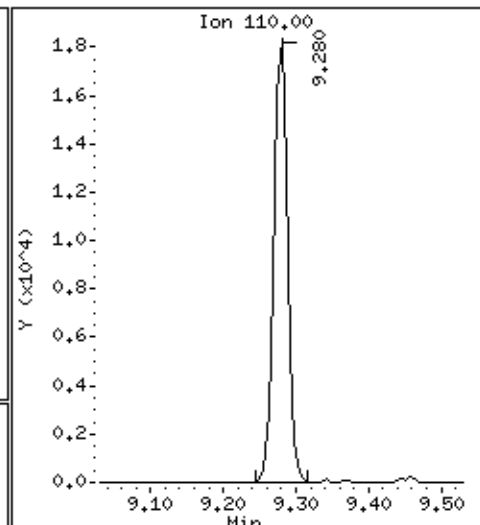
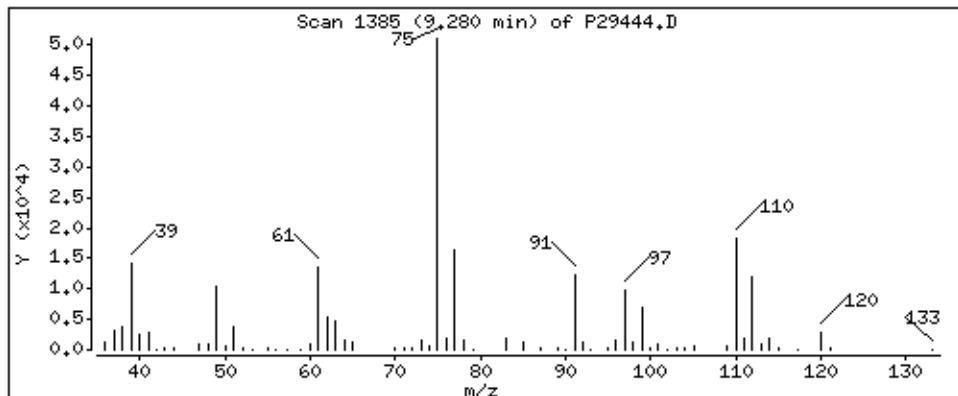
Column phase: RTX-624

Column diameter: 0,18

96 1,2,3-Trichloropropane

Concentration: 45,1 ug/L

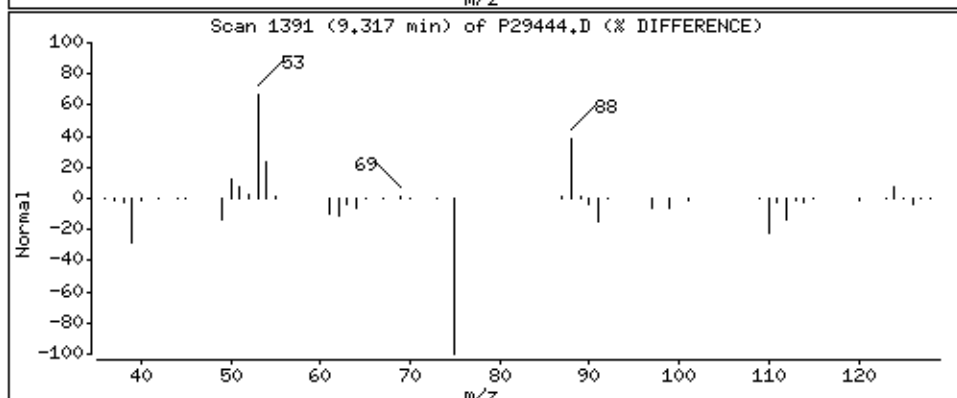
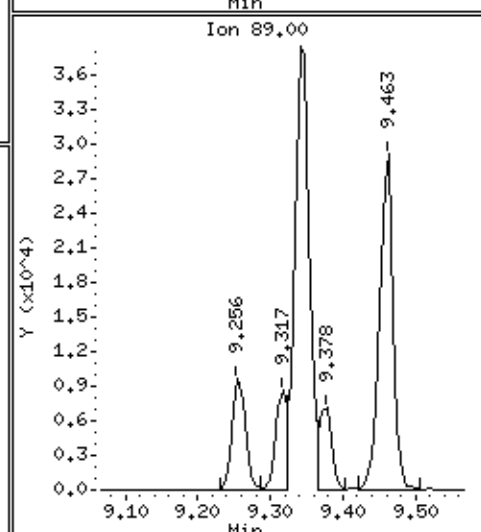
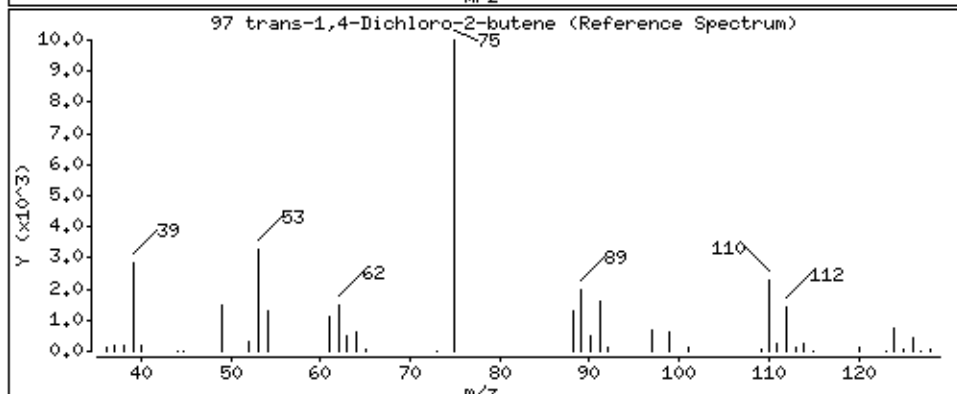
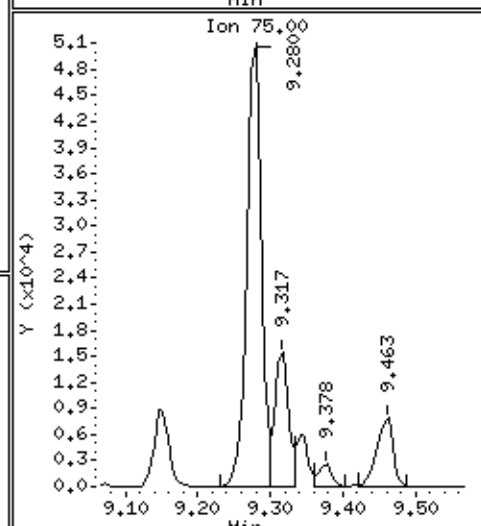
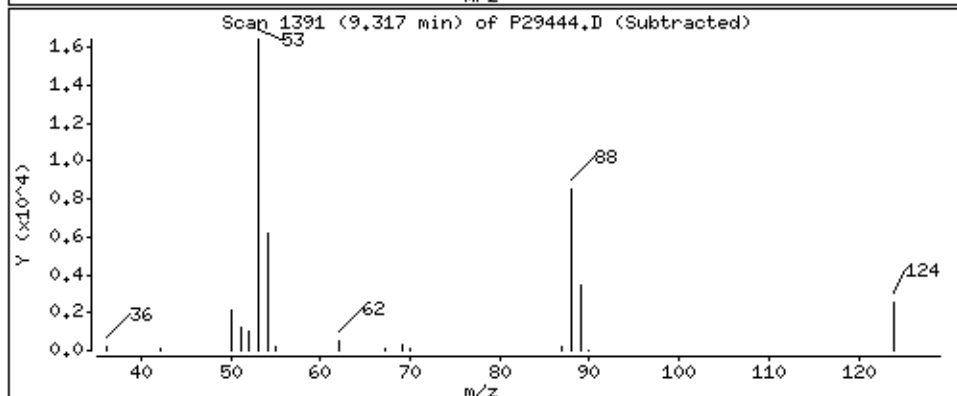
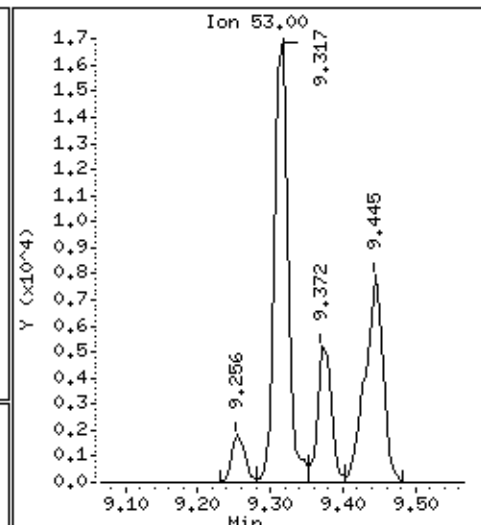
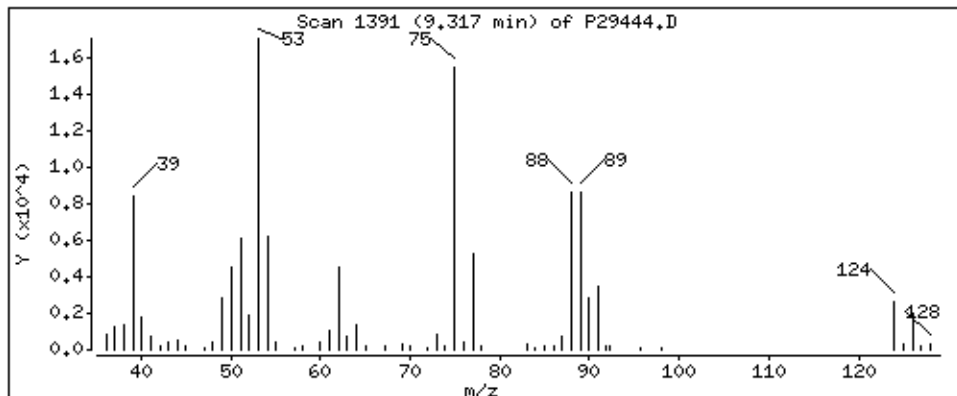
Review Code:



97 trans-1,4-Dichloro-2-butene

Concentration: 42.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

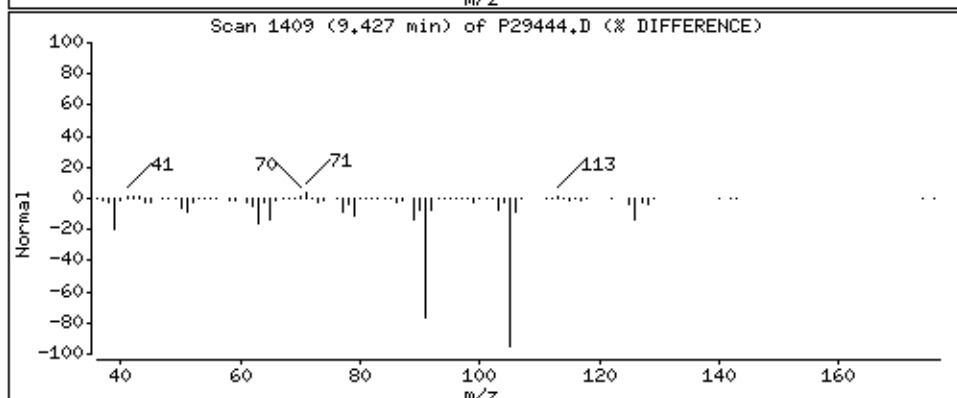
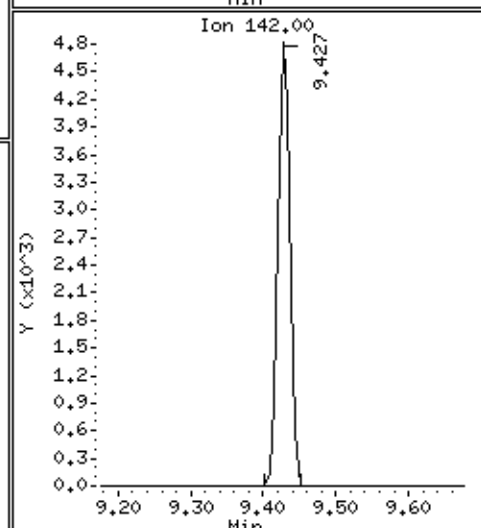
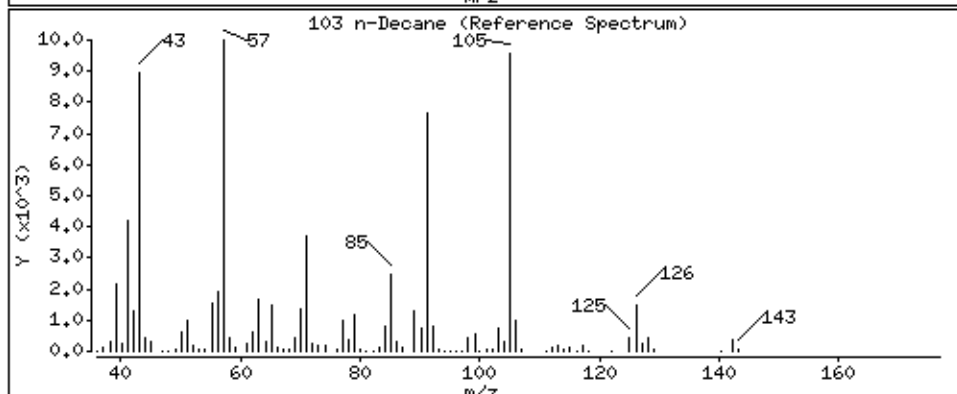
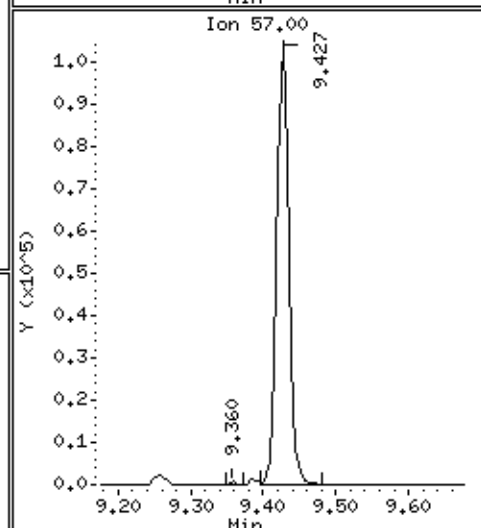
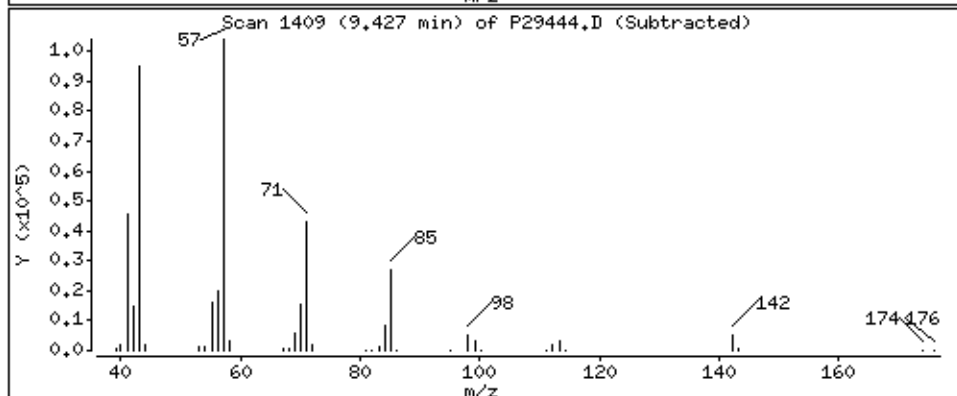
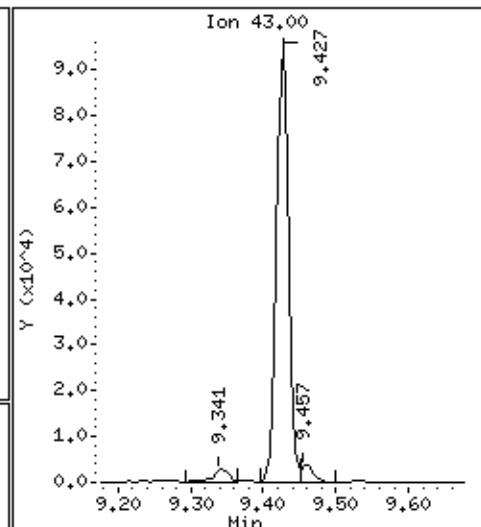
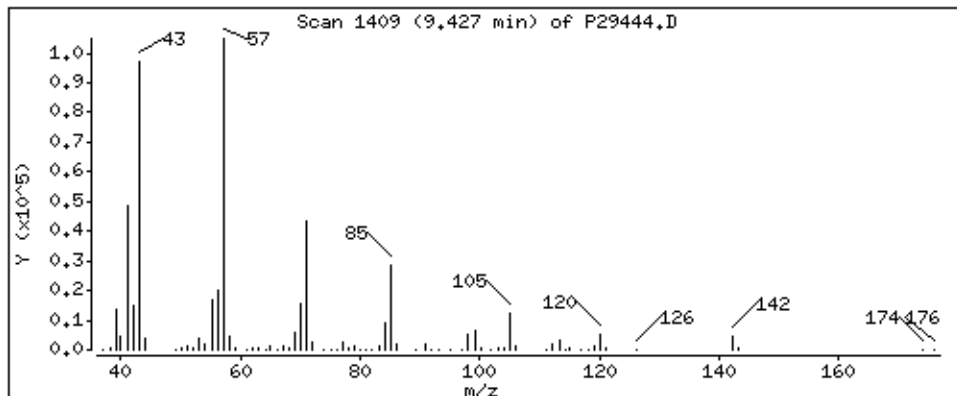
Column phase: RTX-624

Column diameter: 0,18

103 n-Decane

Concentration: 83,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

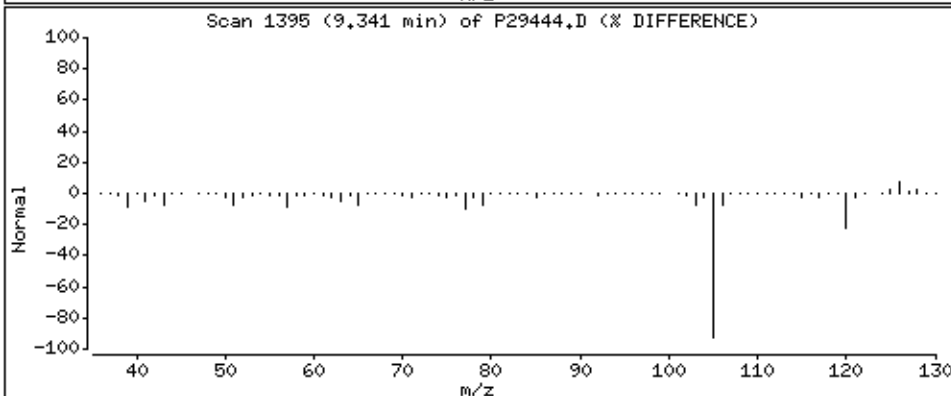
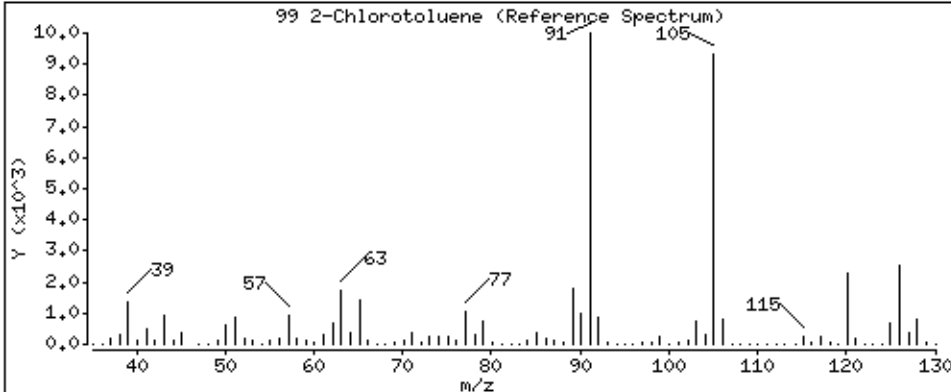
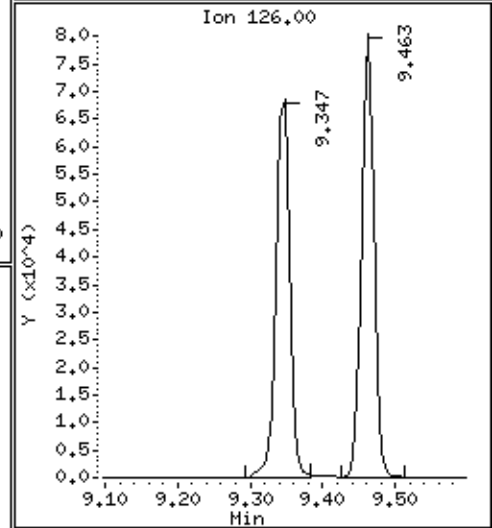
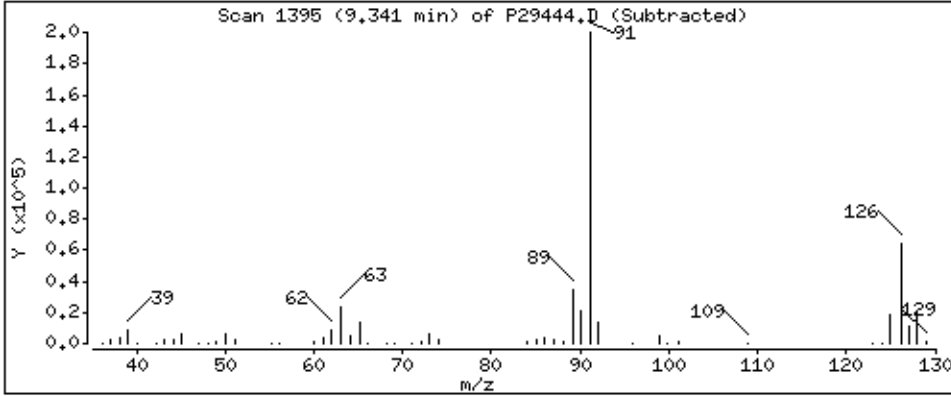
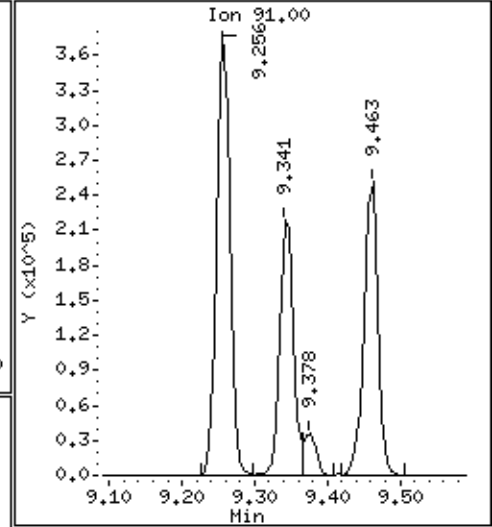
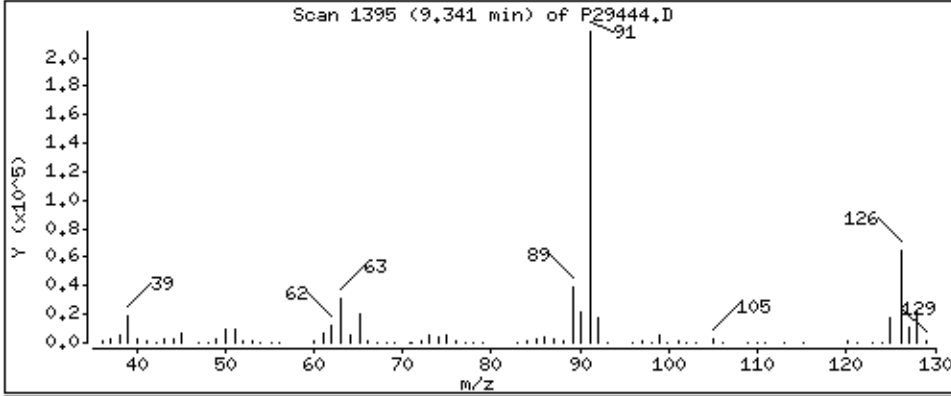
Column phase: RTX-624

Column diameter: 0,18

99 2-Chlorotoluene

Concentration: 43,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

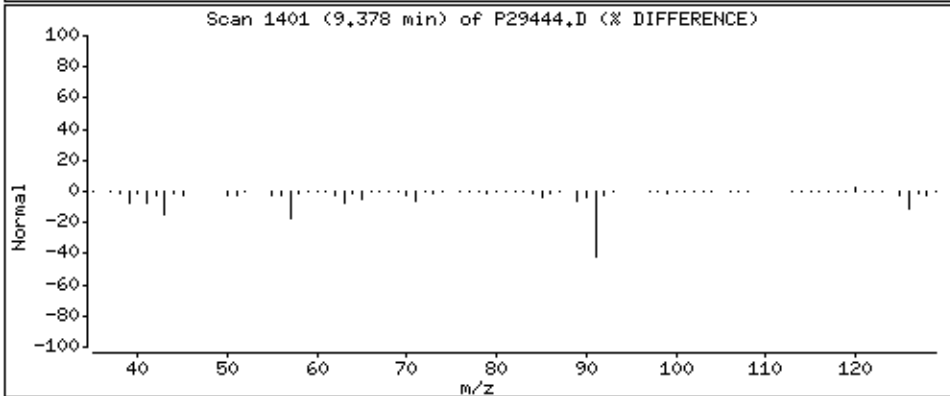
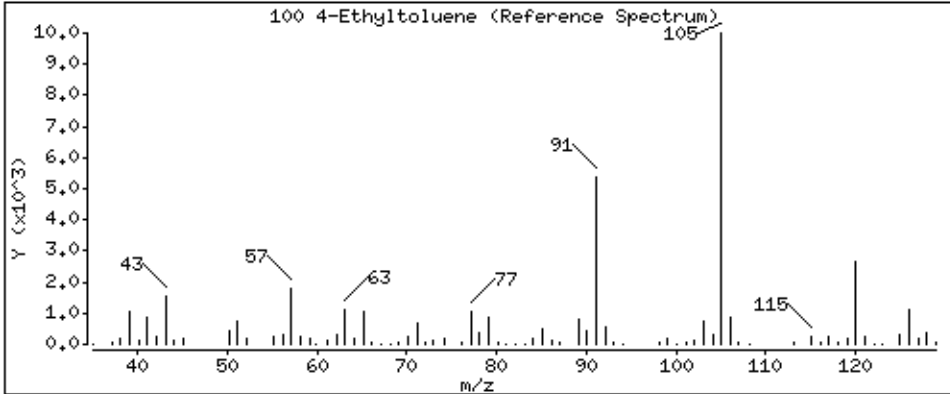
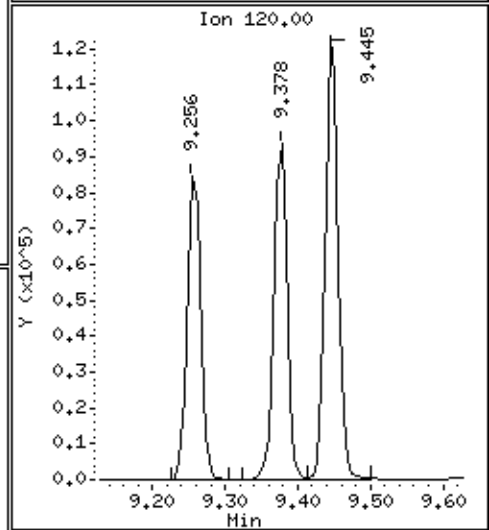
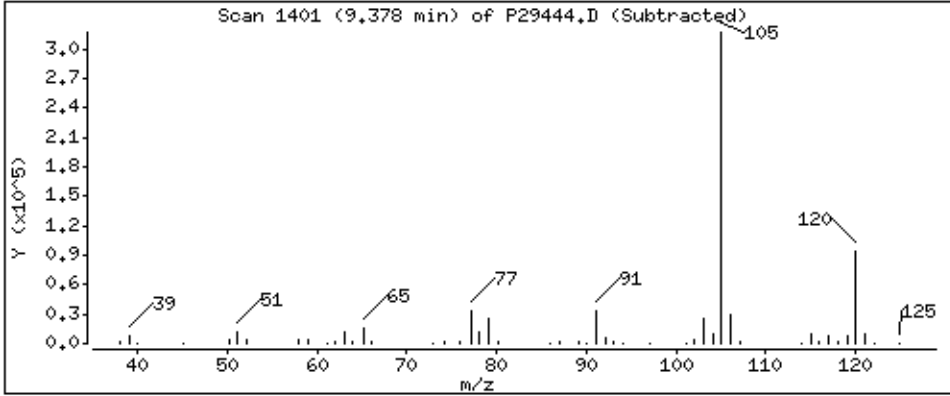
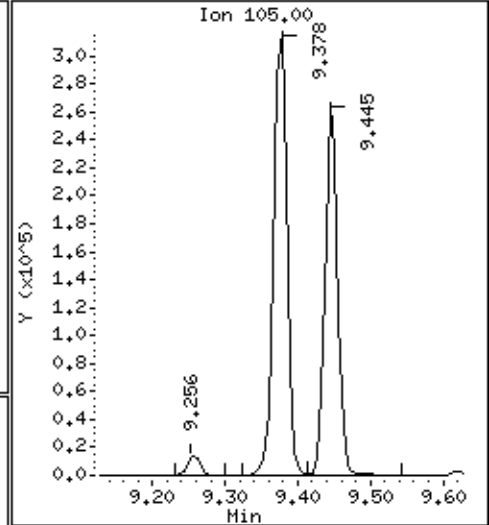
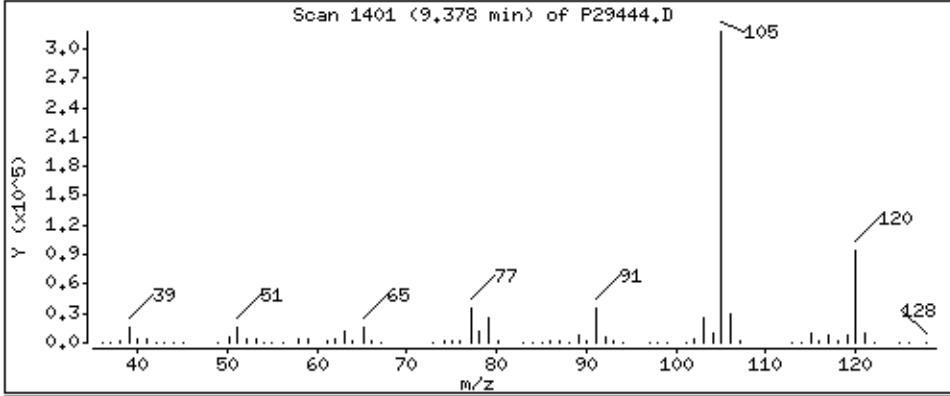
Column phase: RTX-624

Column diameter: 0,18

100 4-Ethyltoluene

Concentration: 42.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

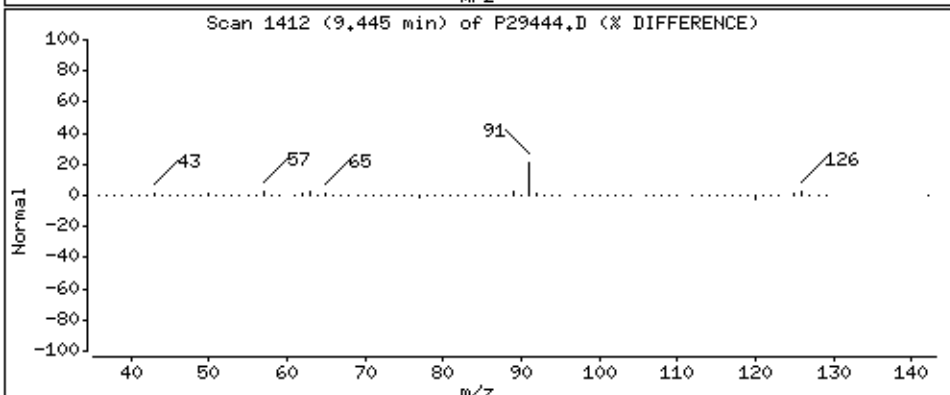
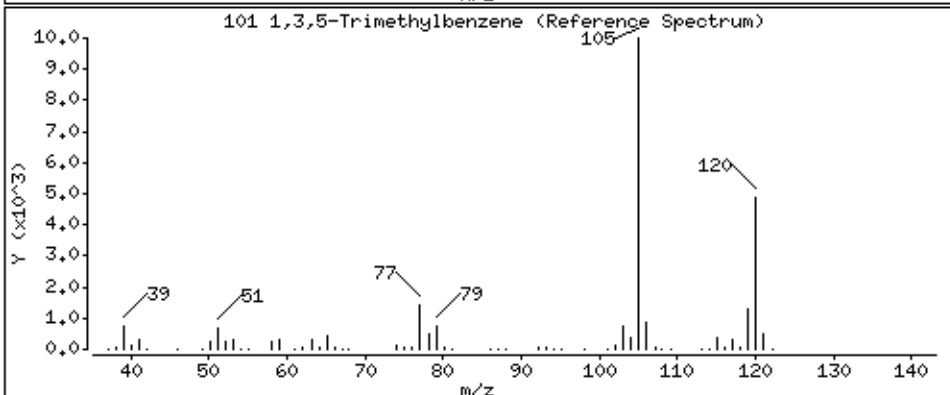
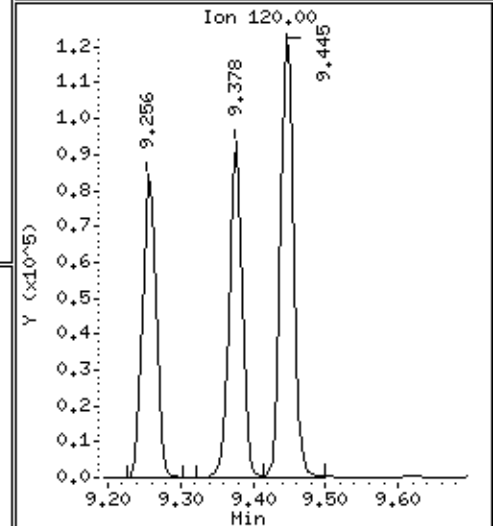
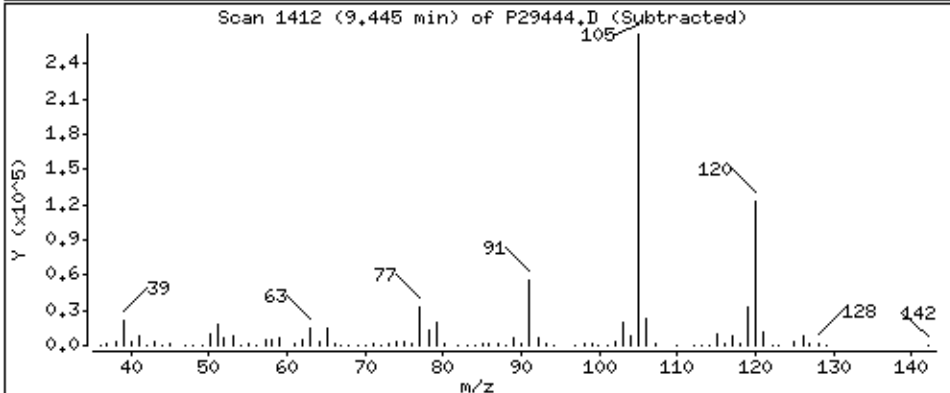
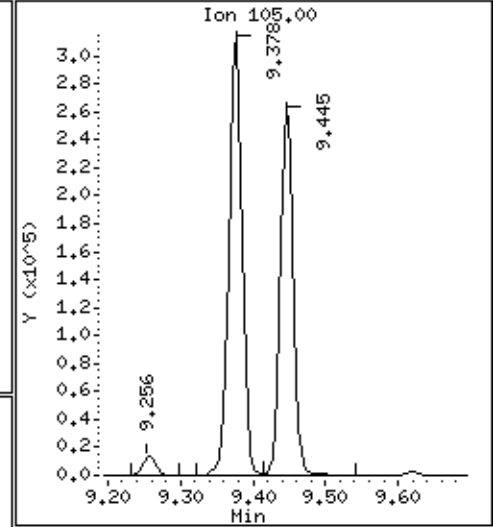
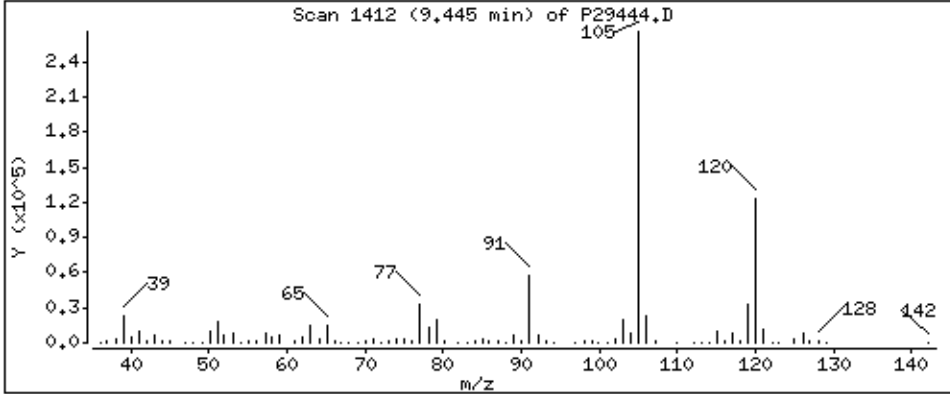
Column phase: RTX-624

Column diameter: 0,18

101 1,3,5-Trimethylbenzene

Concentration: 41.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

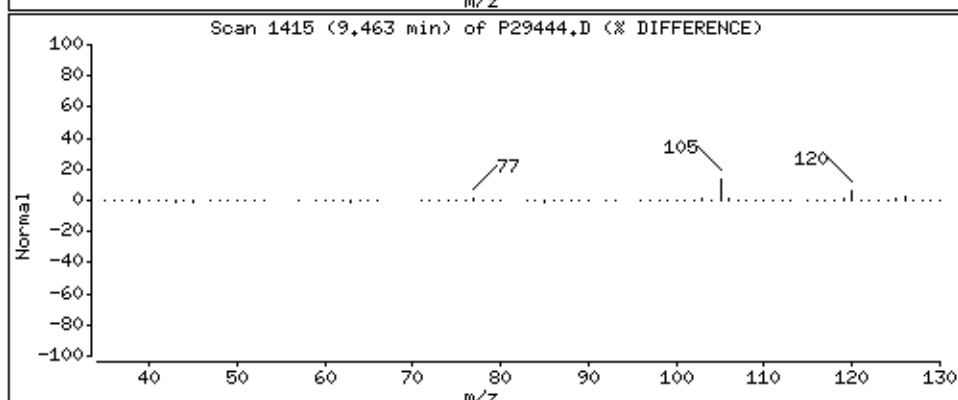
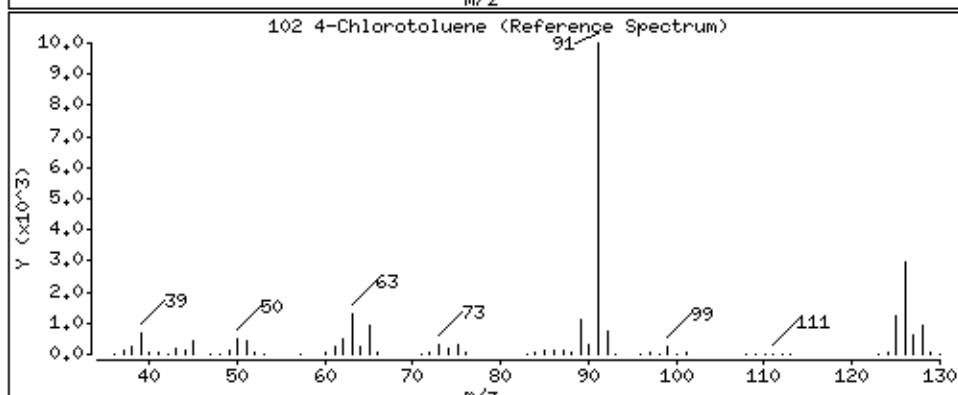
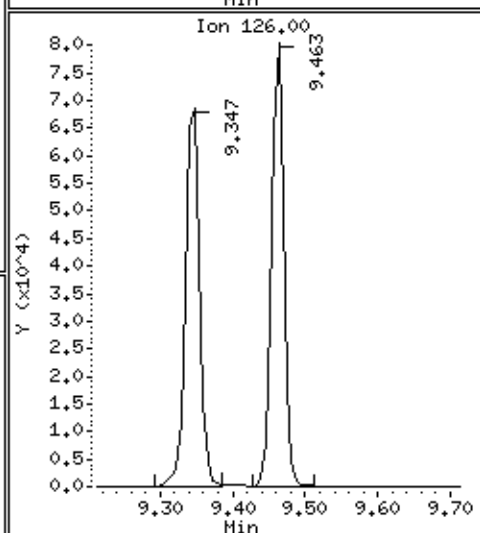
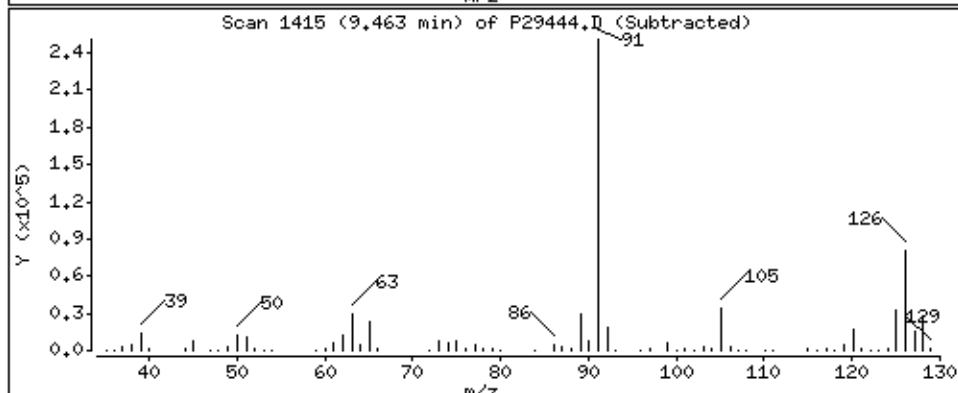
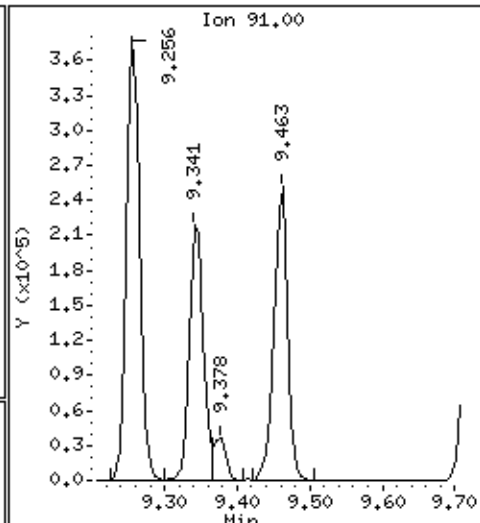
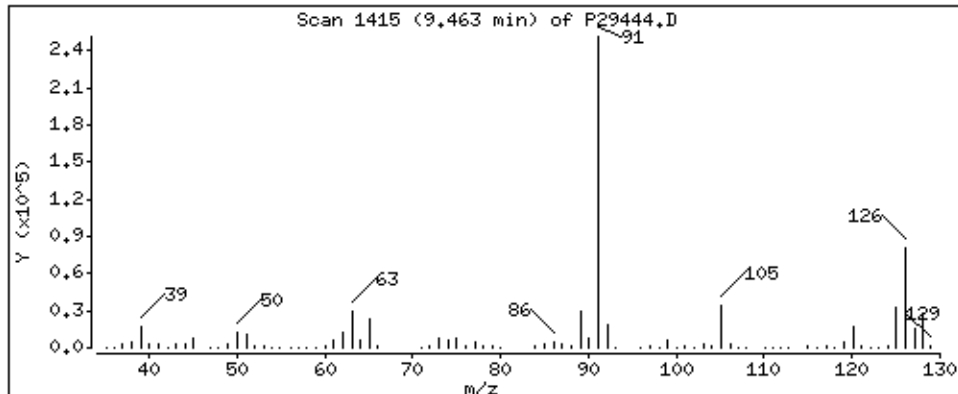
Column phase: RTX-624

Column diameter: 0,18

102 4-Chlorotoluene

Concentration: 43,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

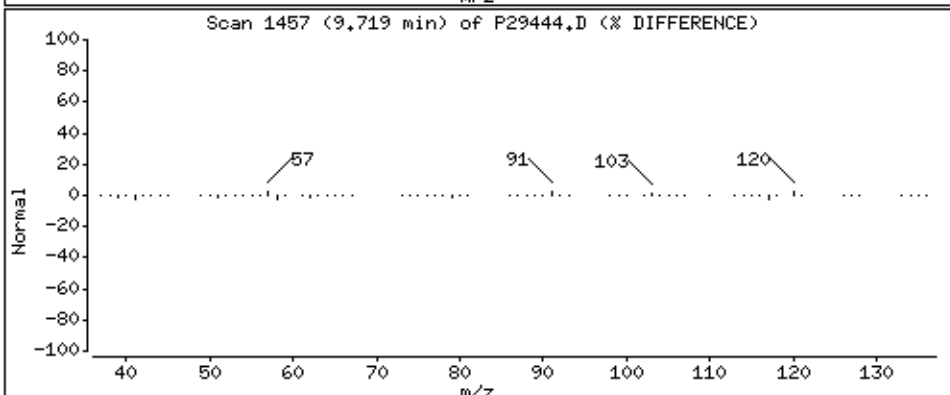
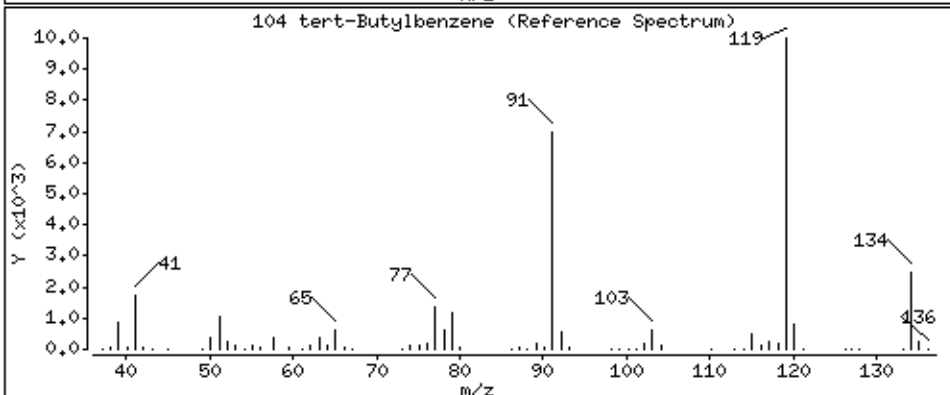
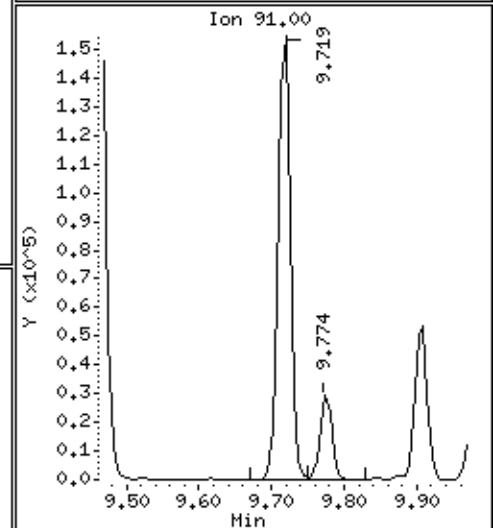
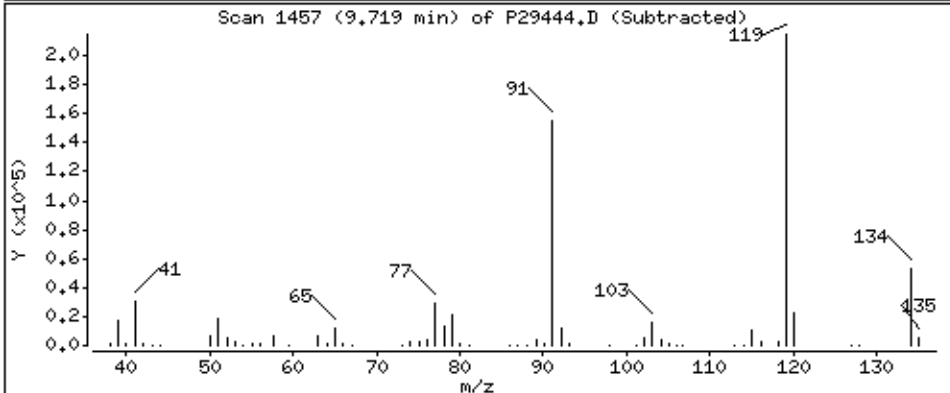
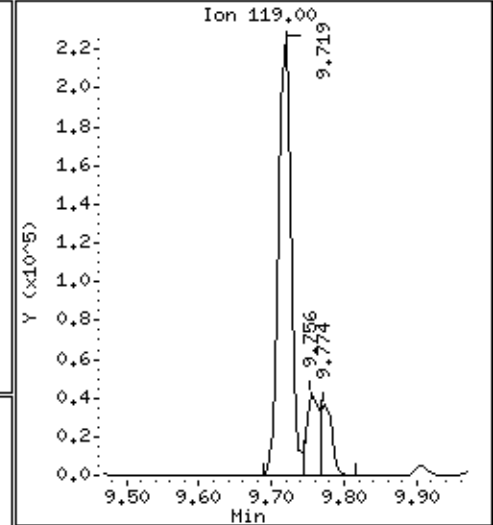
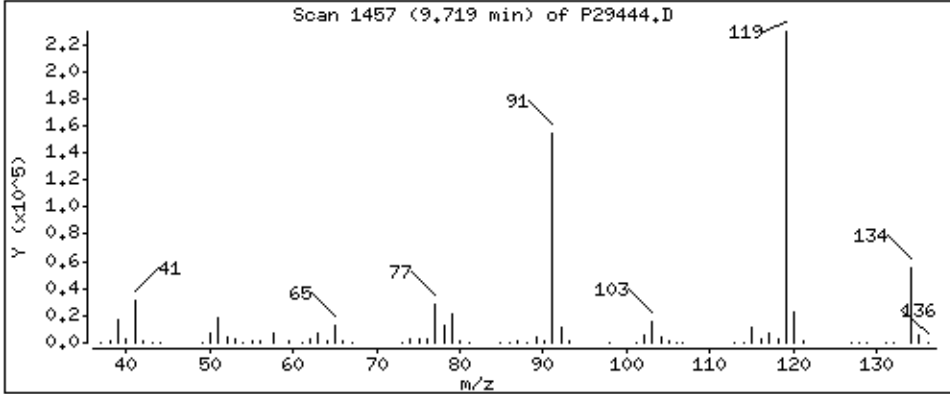
Column phase: RTX-624

Column diameter: 0,18

104 tert-Butylbenzene

Concentration: 41.0 ug/L

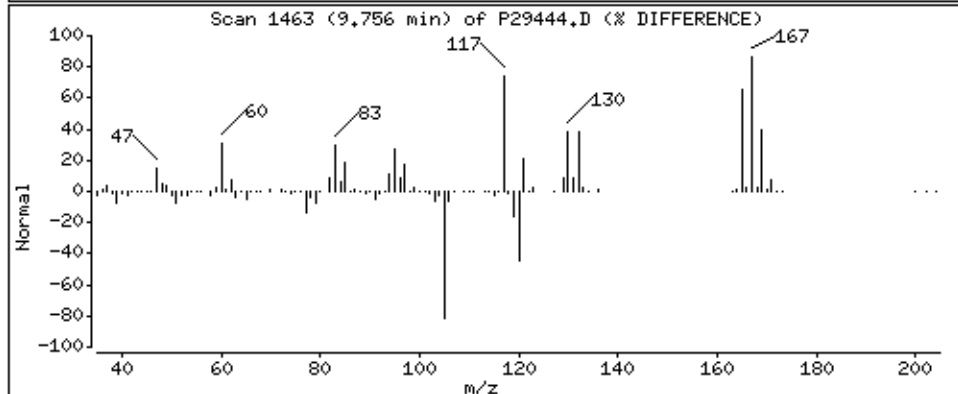
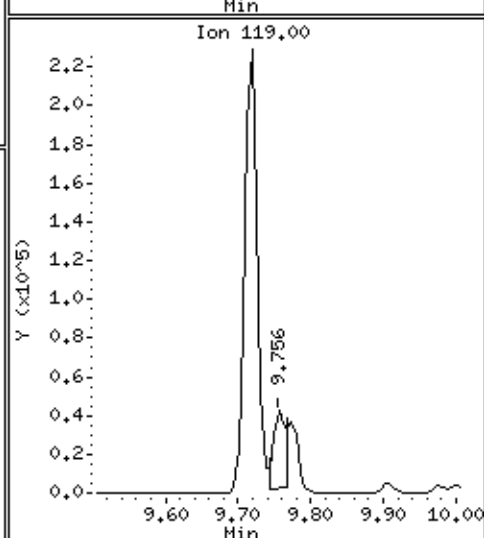
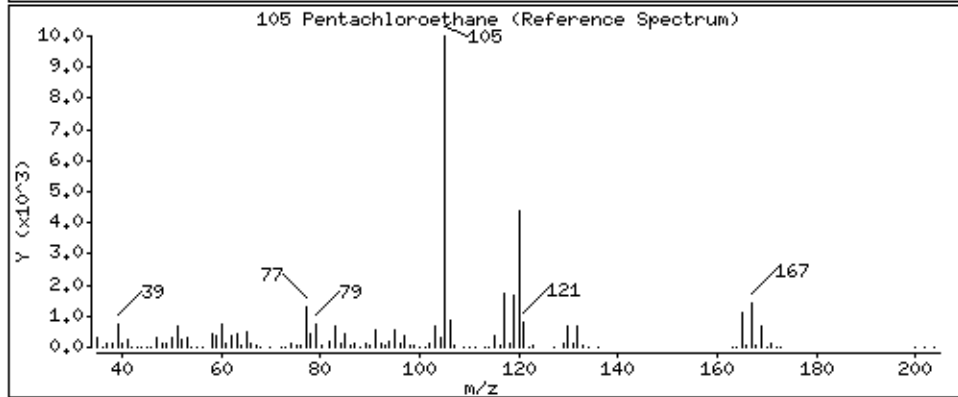
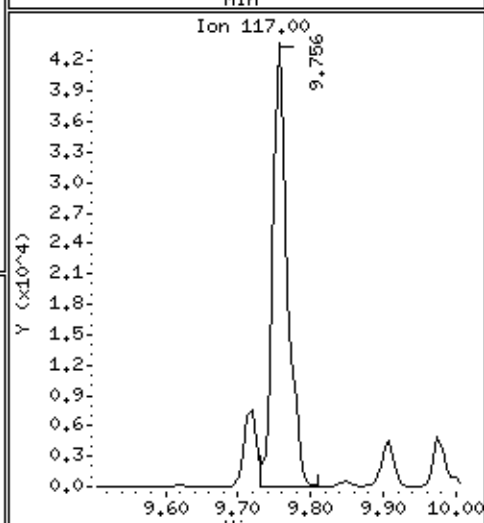
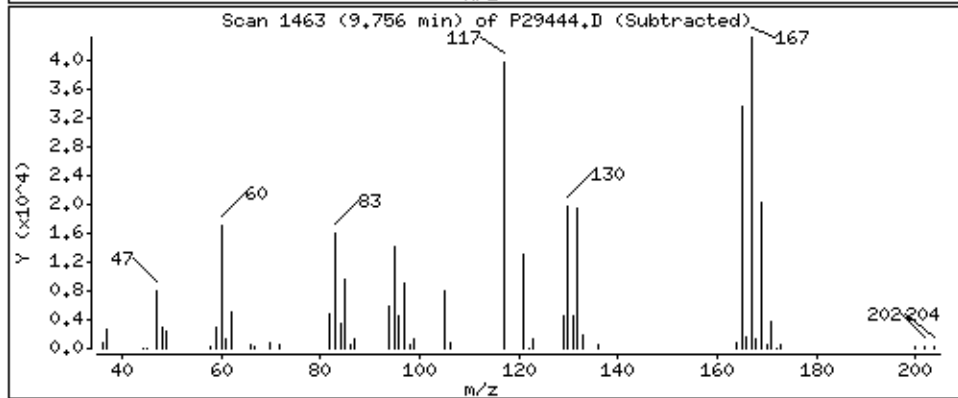
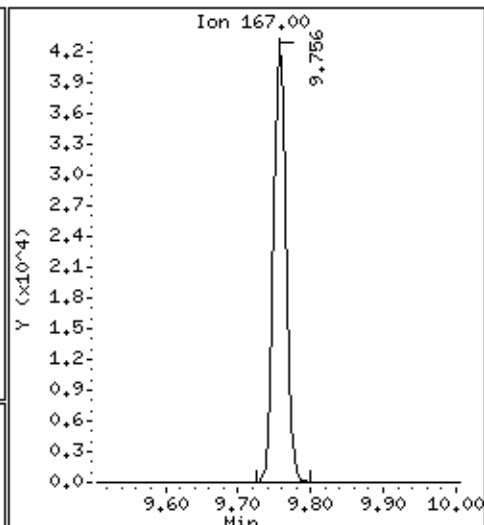
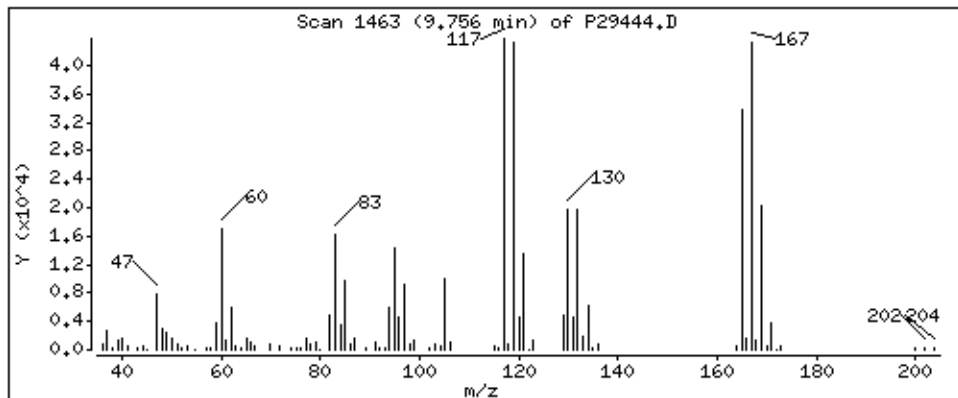
Review Code:



105 Pentachloroethane

Concentration: 48.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

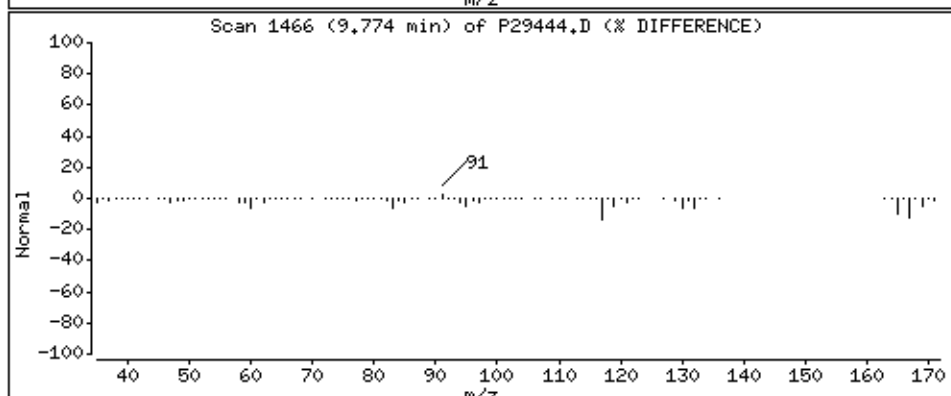
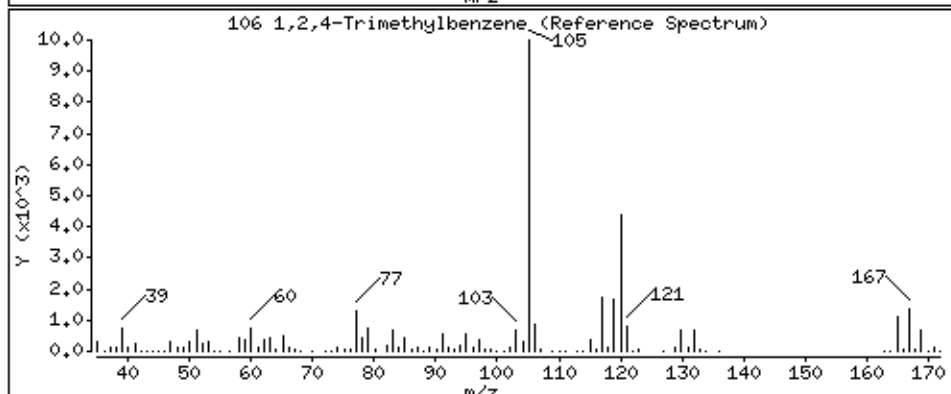
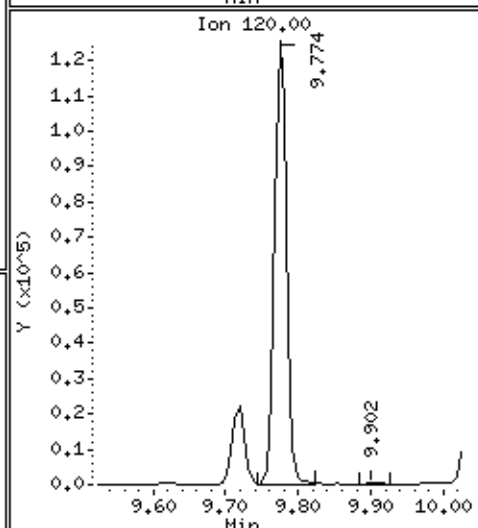
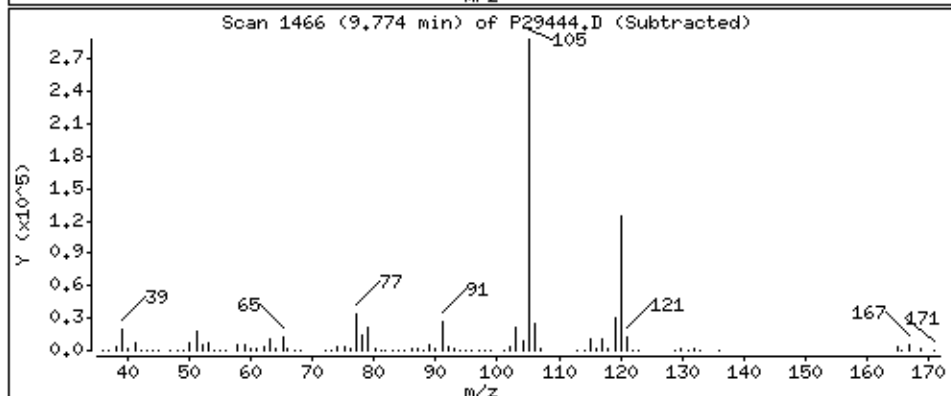
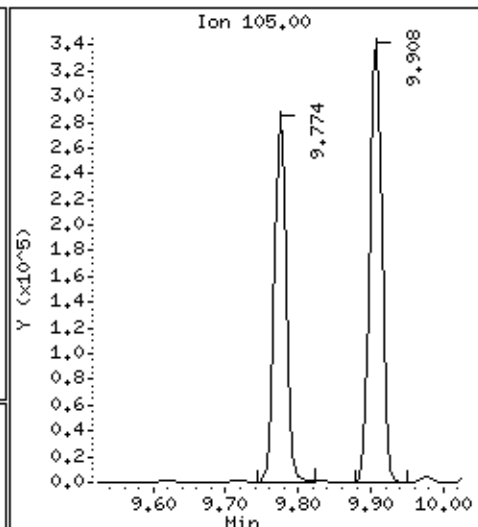
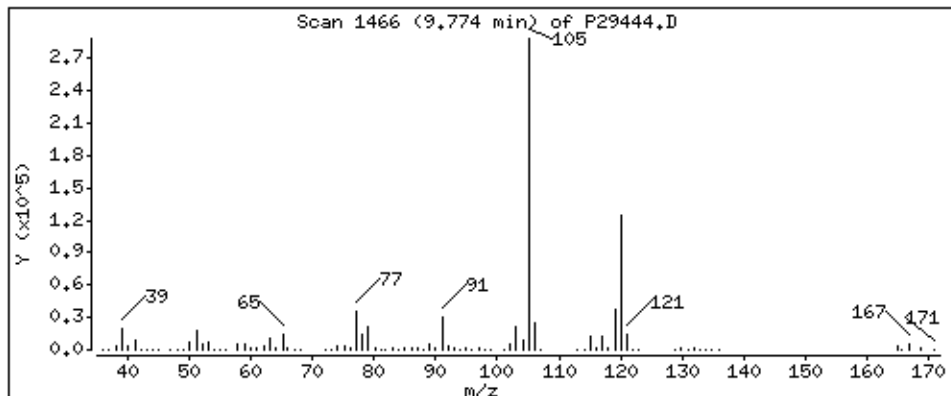
Column phase: RTX-624

Column diameter: 0,18

106 1,2,4-Trimethylbenzene

Concentration: 41.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

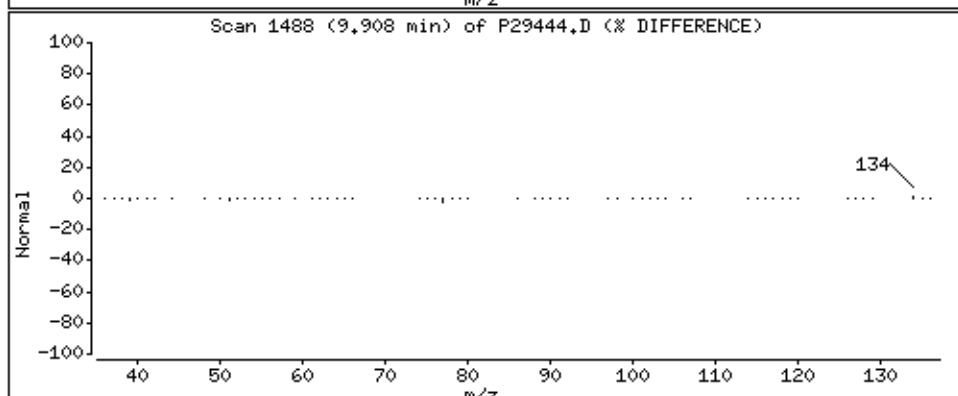
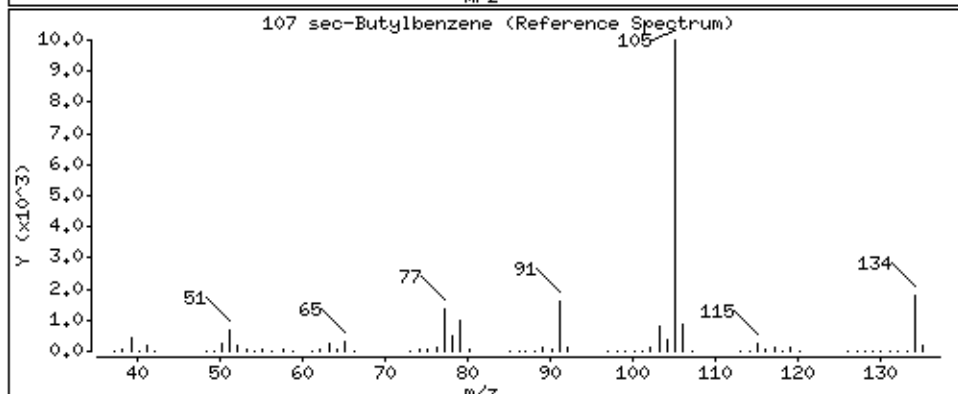
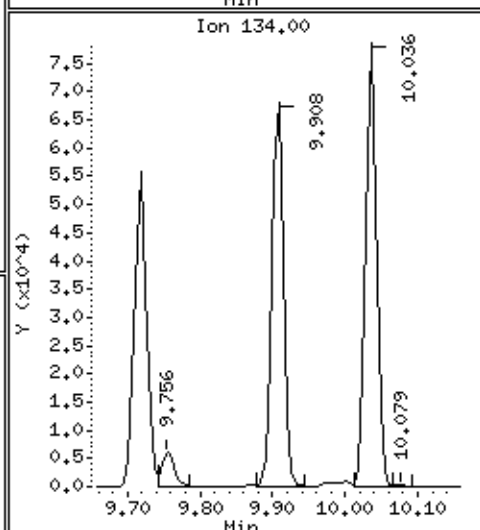
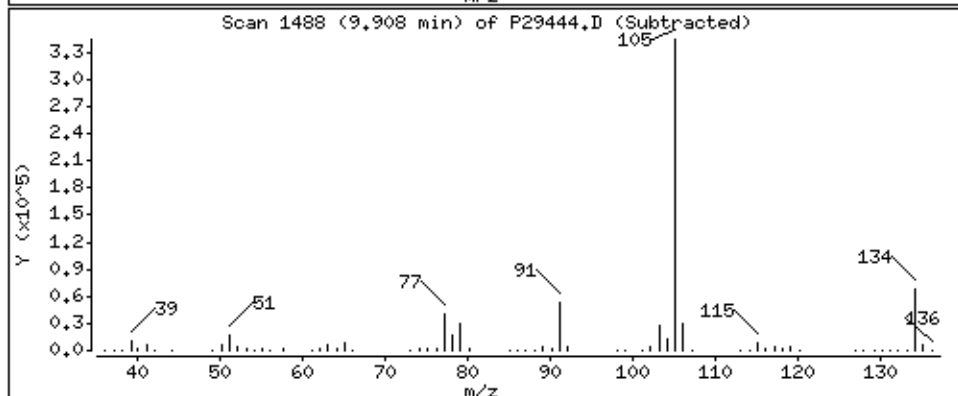
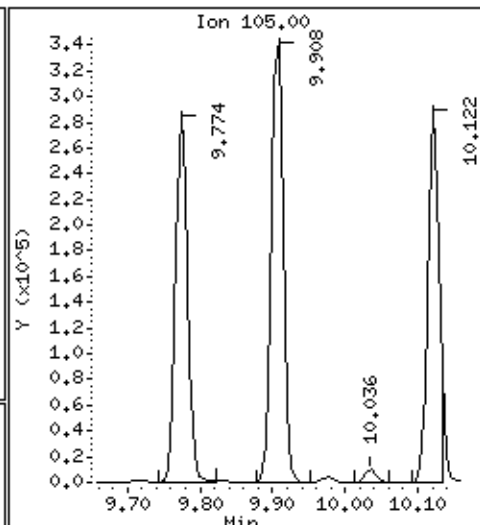
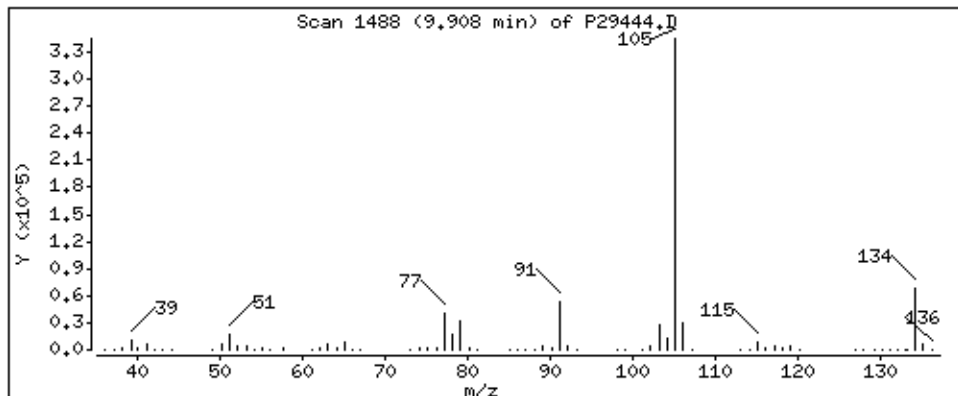
Column phase: RTX-624

Column diameter: 0,18

107 sec-Butylbenzene

Concentration: 39,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

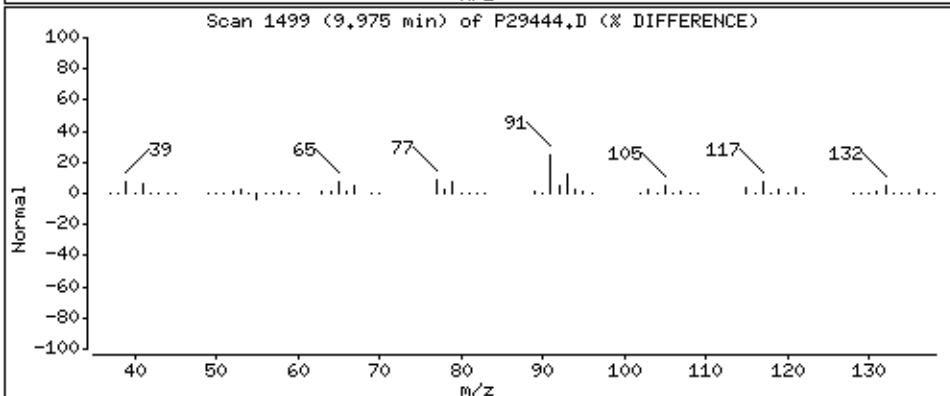
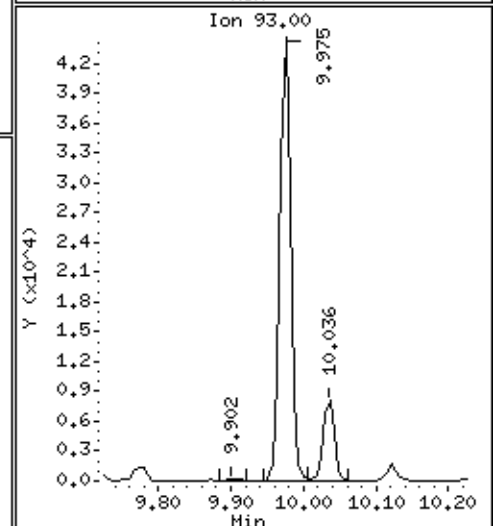
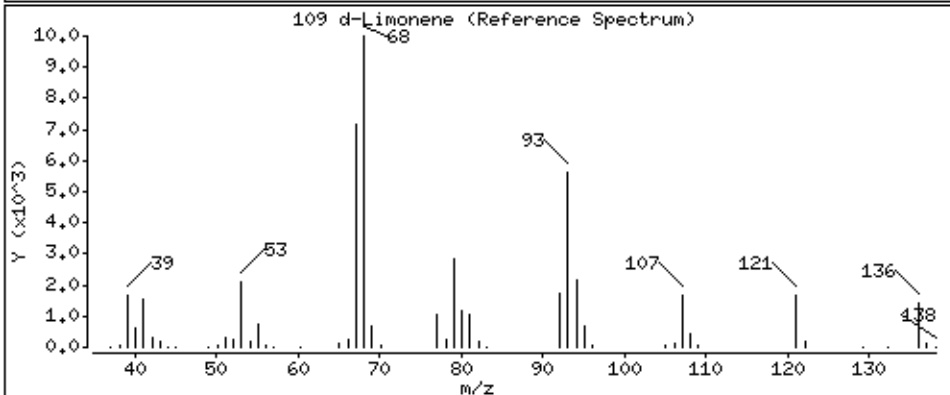
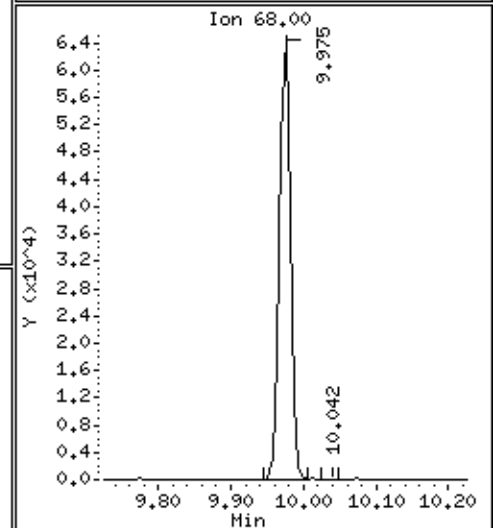
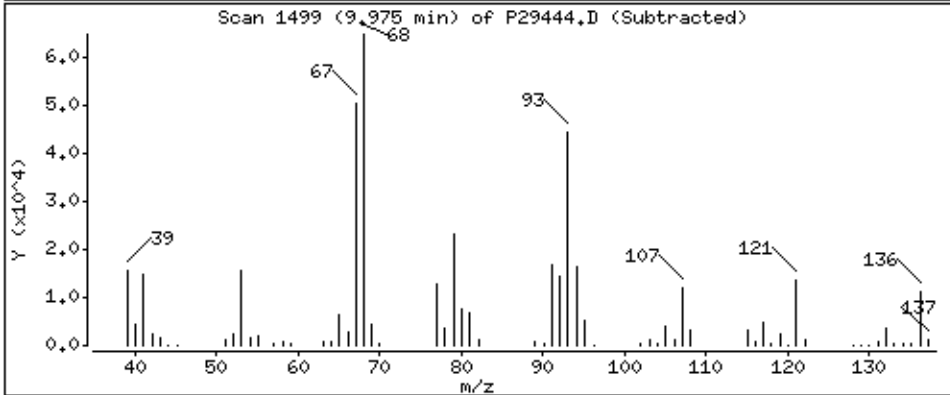
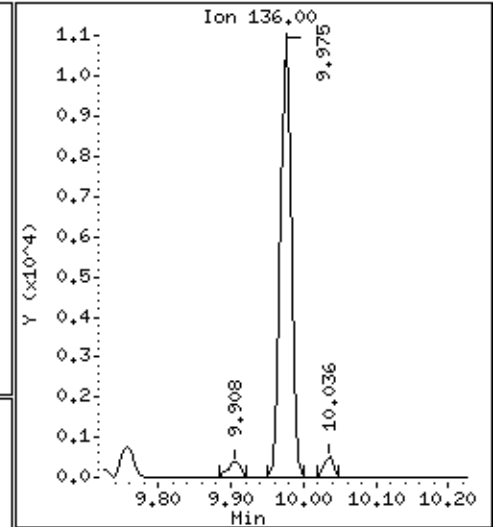
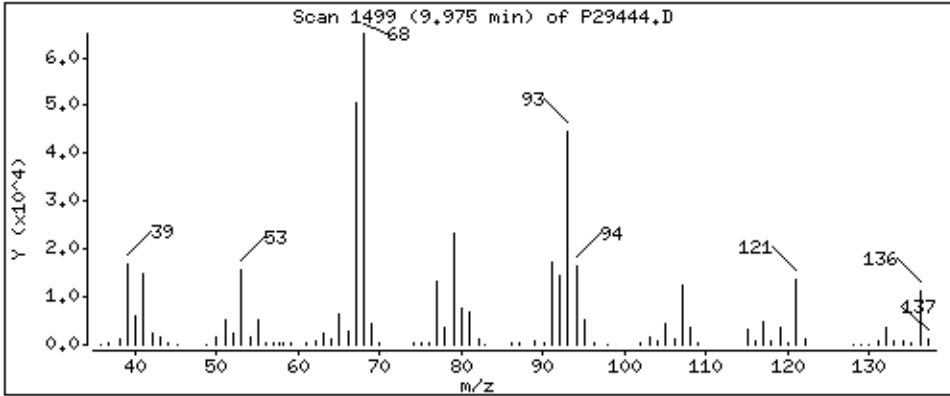
Column phase: RTX-624

Column diameter: 0.18

109 d-Limonene

Concentration: 32.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

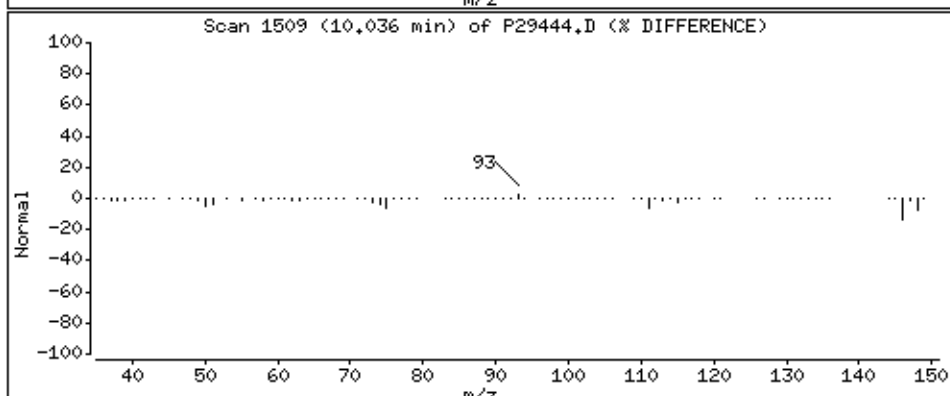
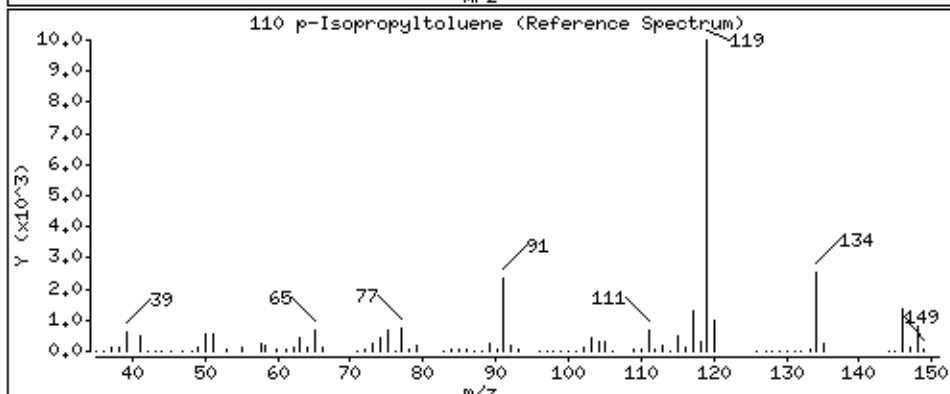
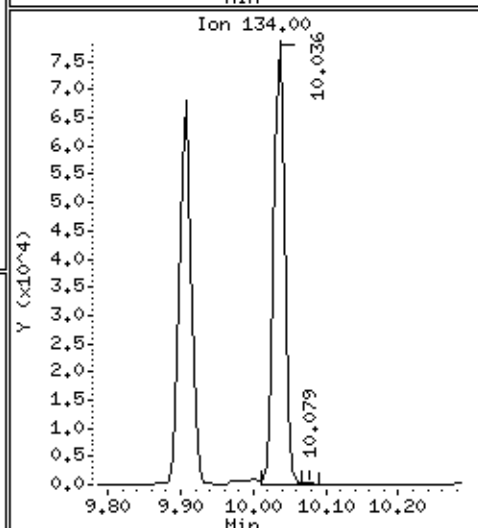
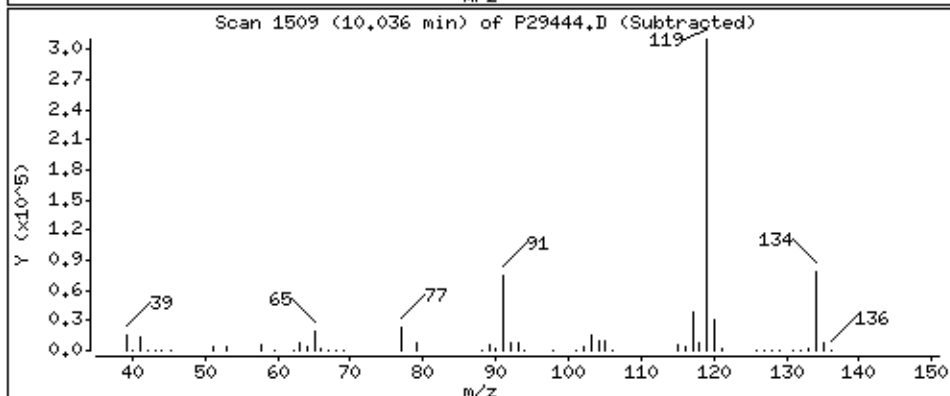
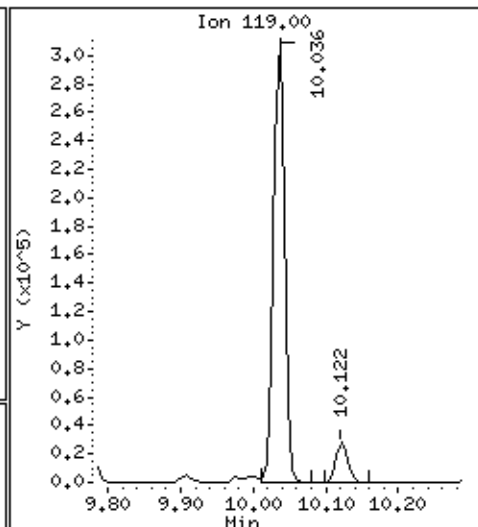
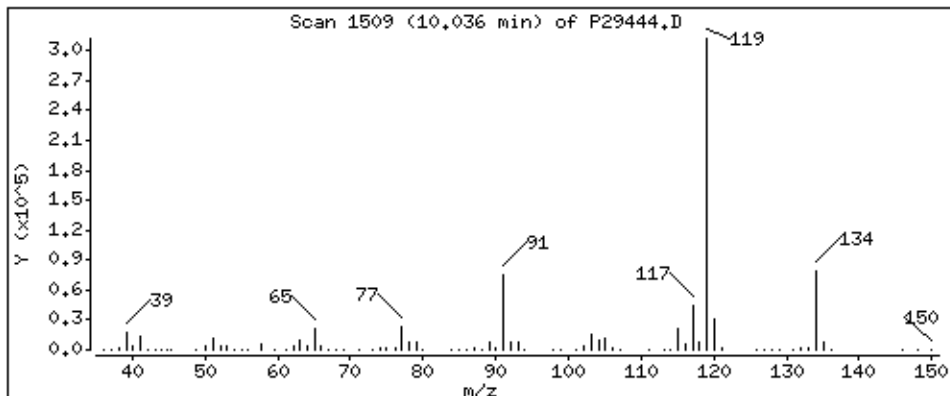
Column phase: RTX-624

Column diameter: 0,18

110 p-Isopropyltoluene

Concentration: 38,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

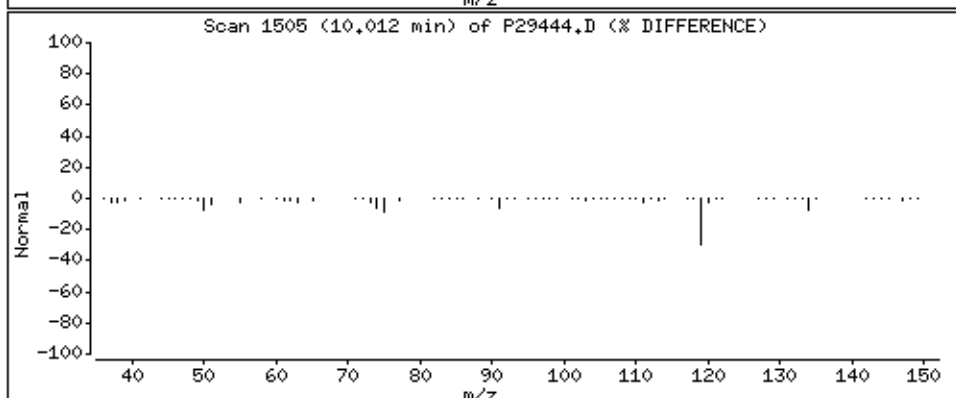
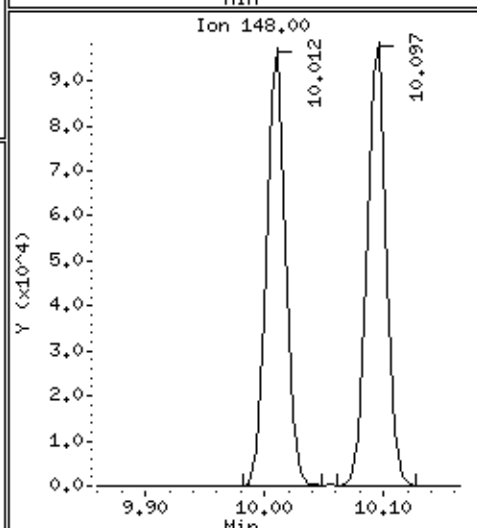
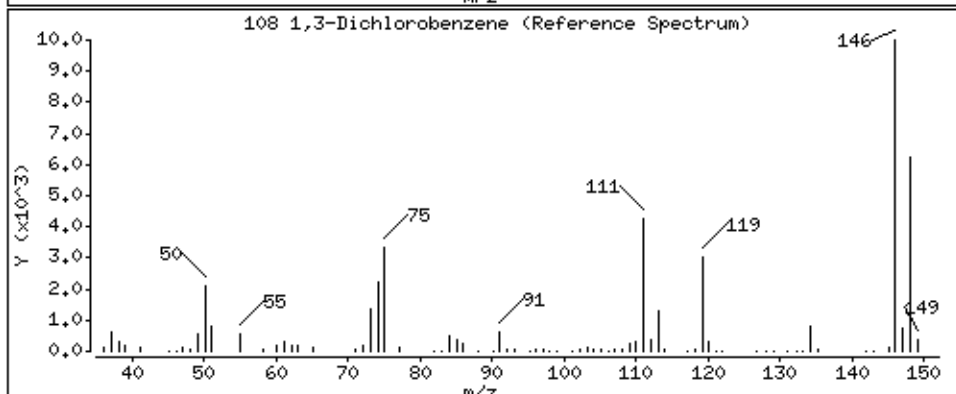
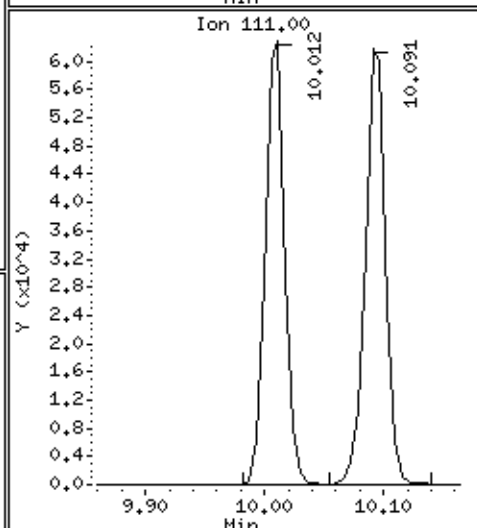
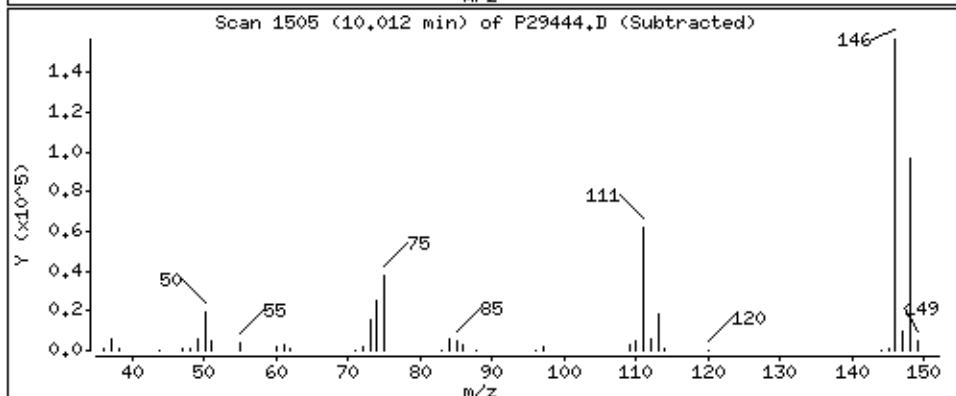
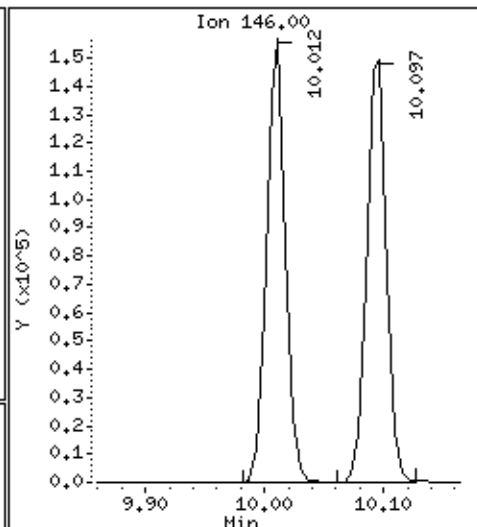
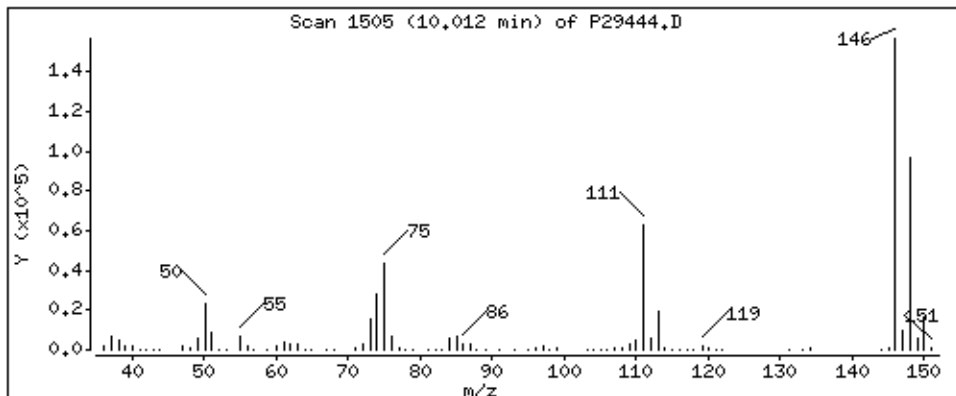
Column phase: RTX-624

Column diameter: 0,18

108 1,3-Dichlorobenzene

Concentration: 45,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

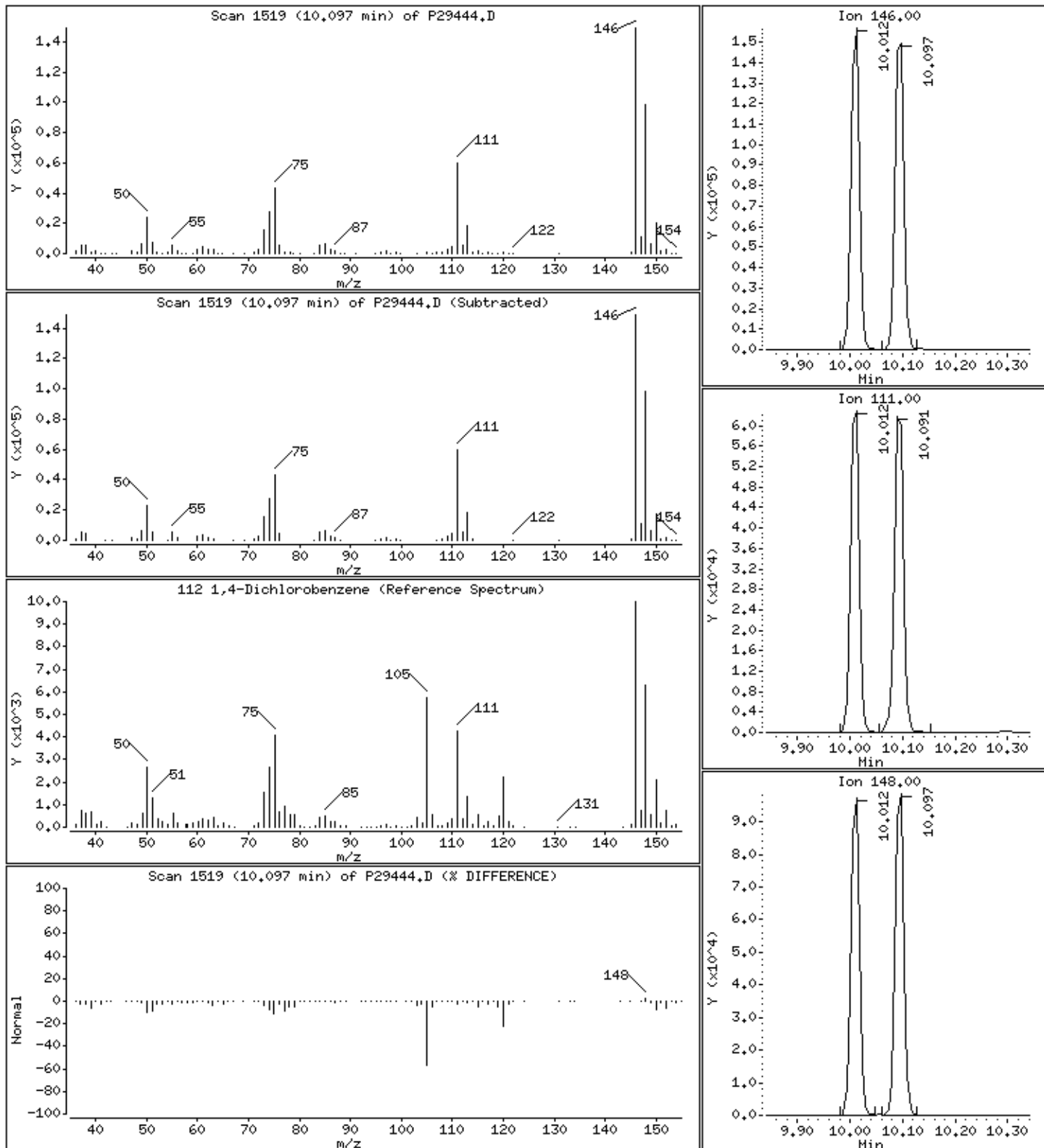
Column phase: RTX-624

Column diameter: 0,18

112 1,4-Dichlorobenzene

Concentration: 44,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

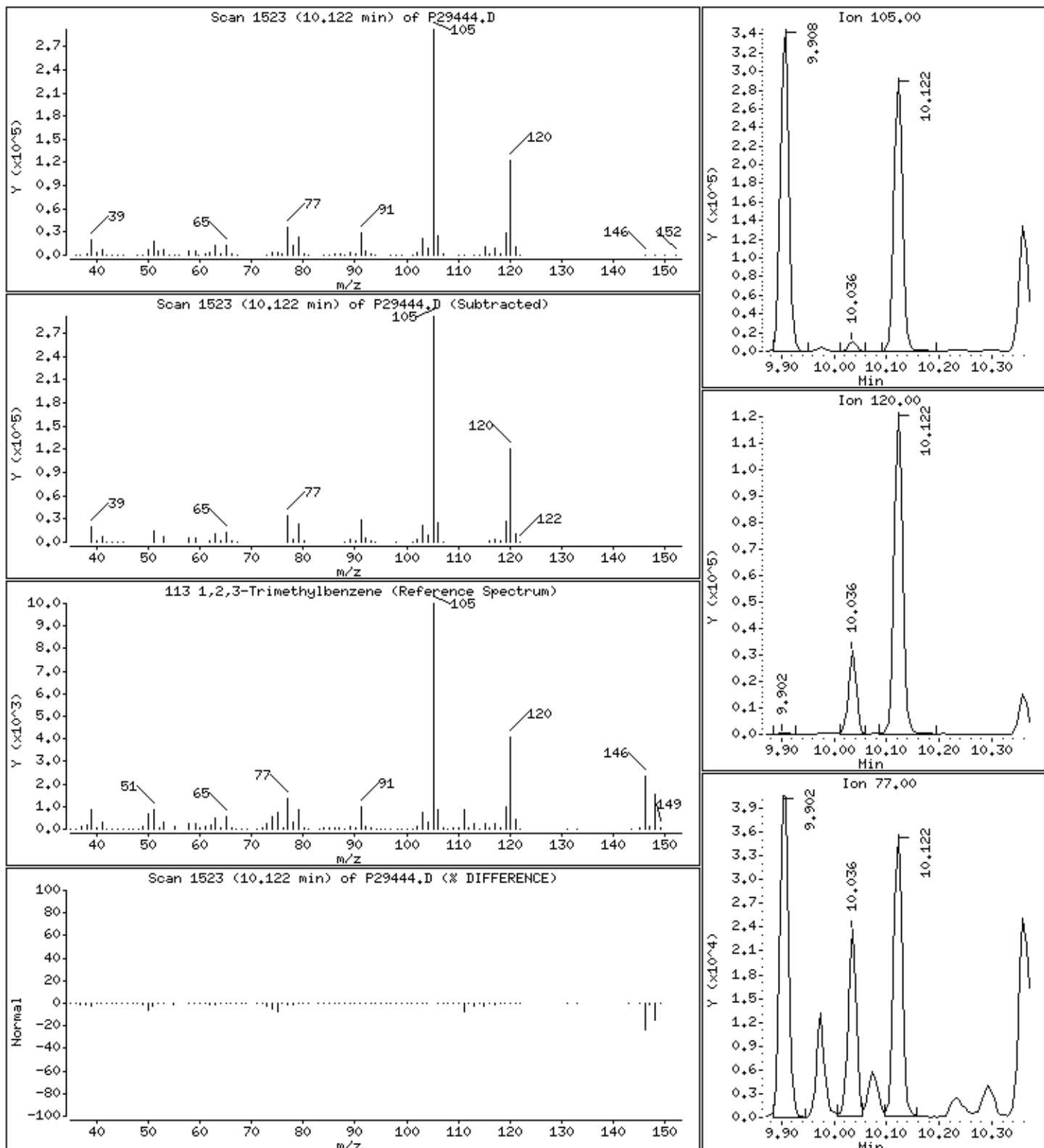
Column phase: RTX-624

Column diameter: 0,18

113 1,2,3-Trimethylbenzene

Concentration: 41.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

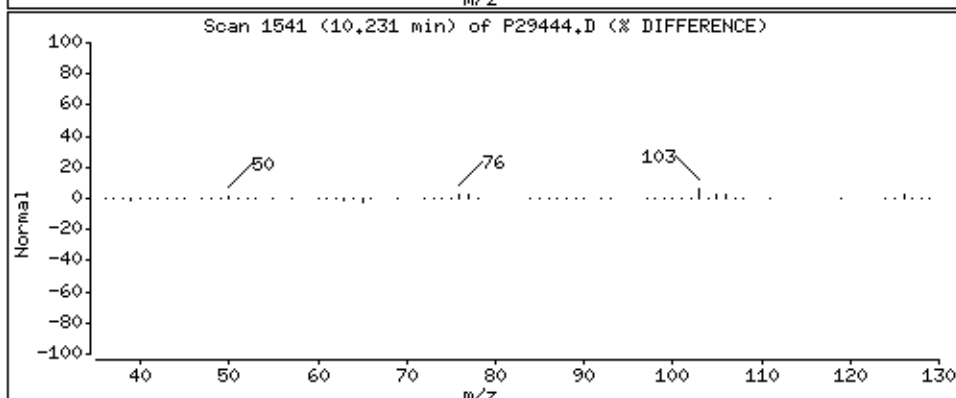
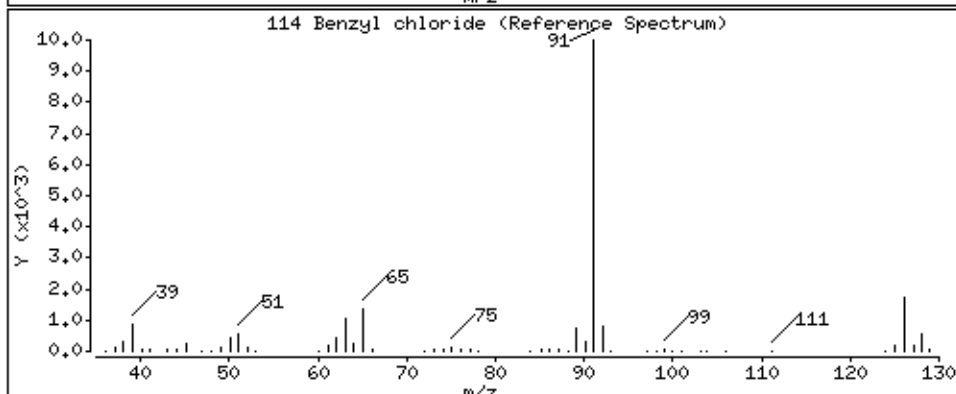
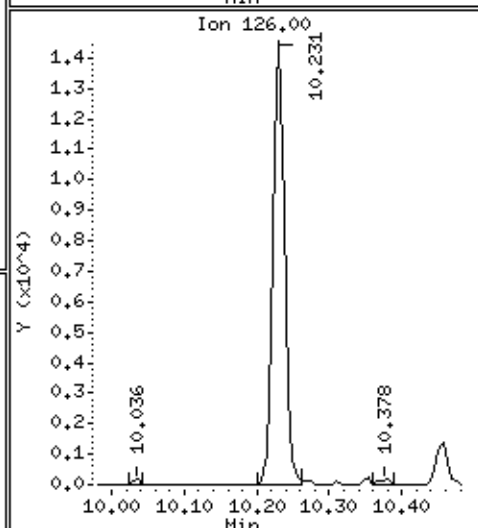
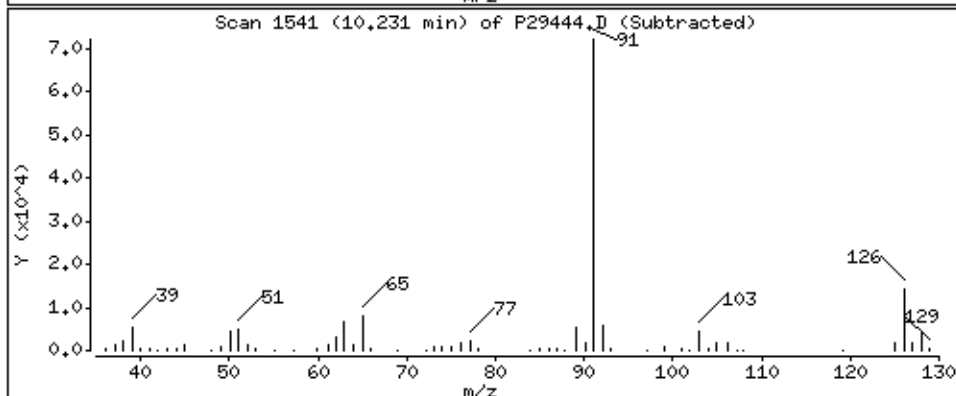
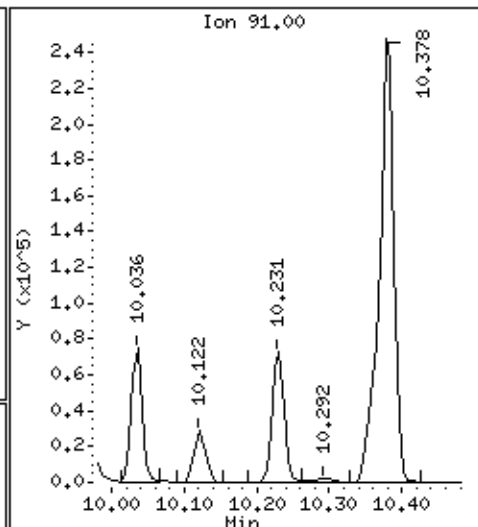
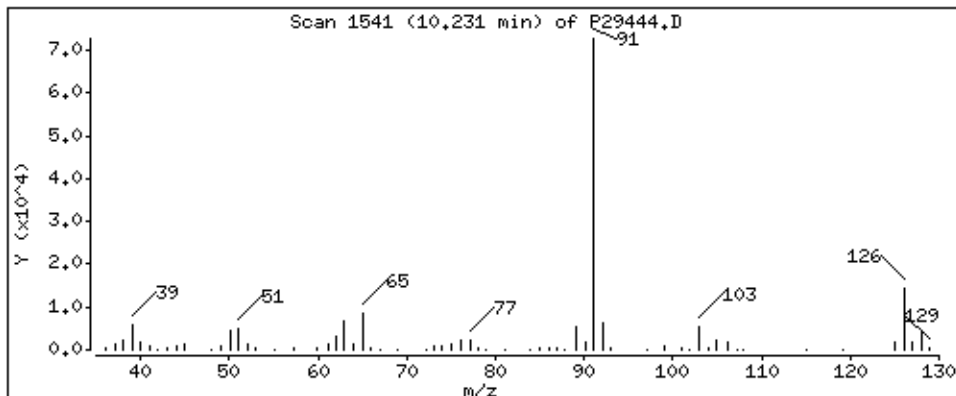
Column phase: RTX-624

Column diameter: 0,18

114 Benzyl chloride

Concentration: 25,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

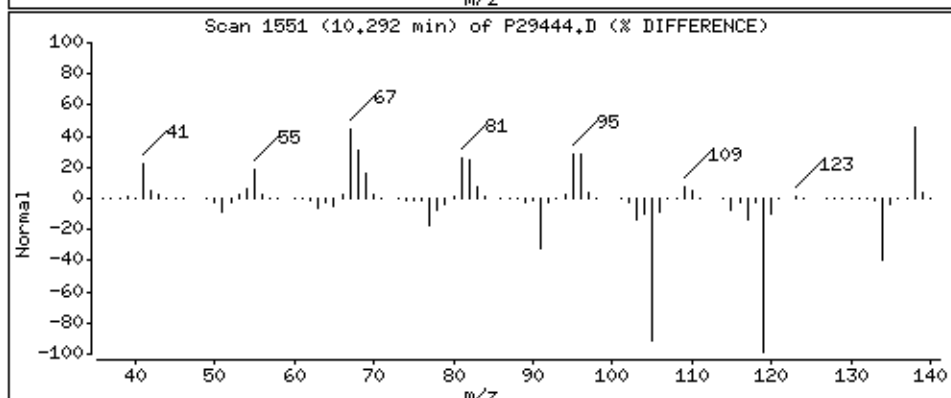
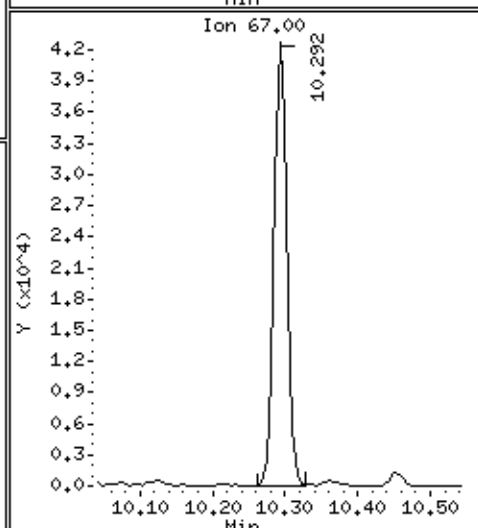
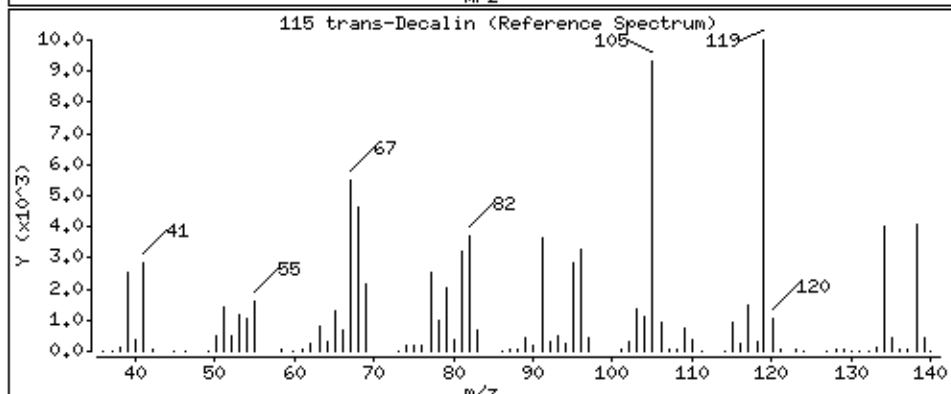
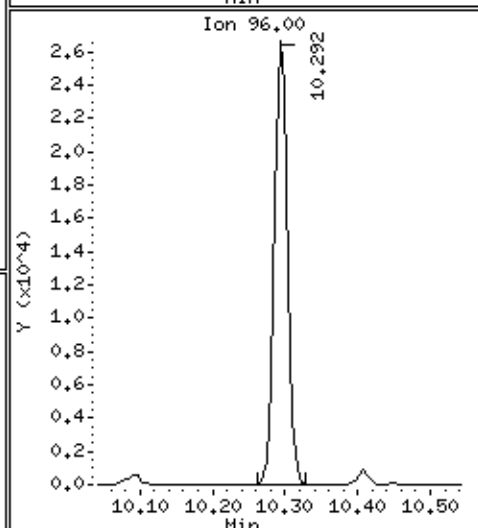
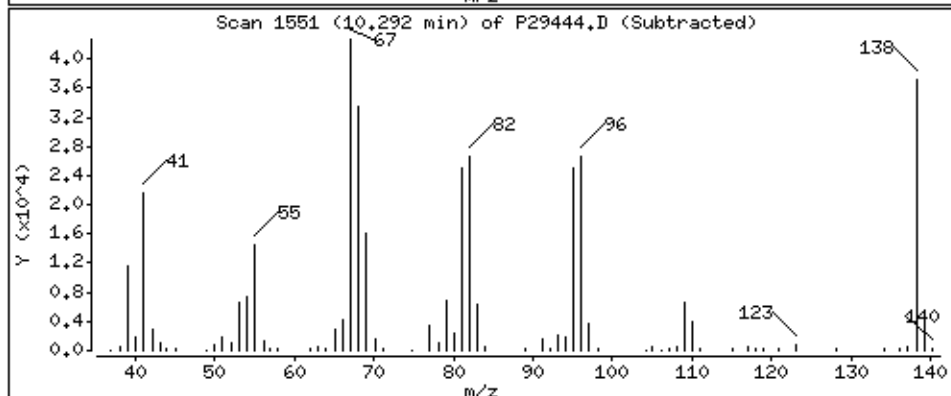
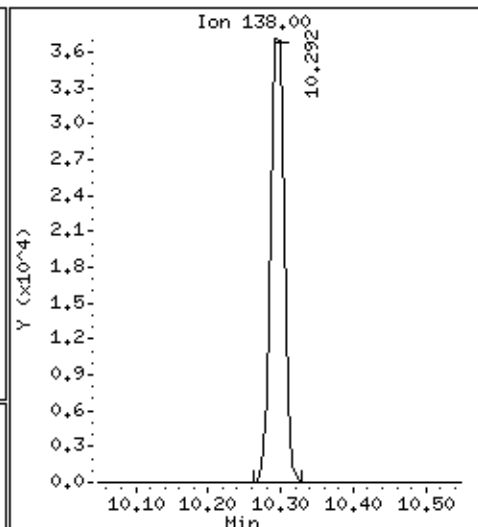
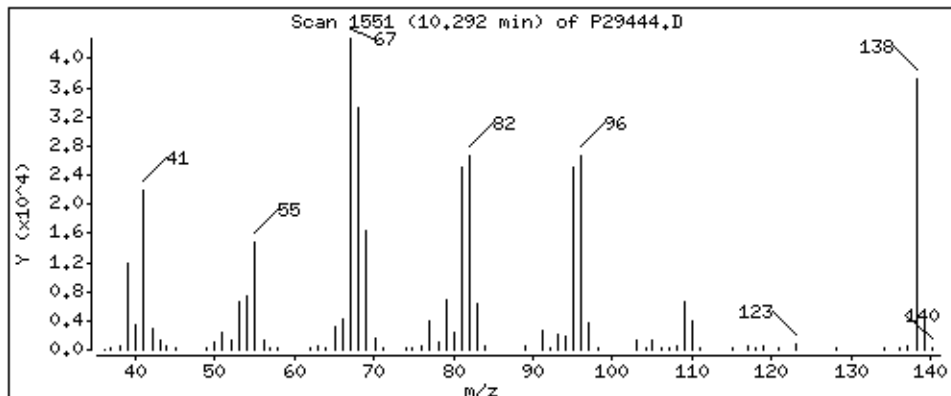
Column phase: RTX-624

Column diameter: 0,18

115 trans-Decalin

Concentration: 37,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

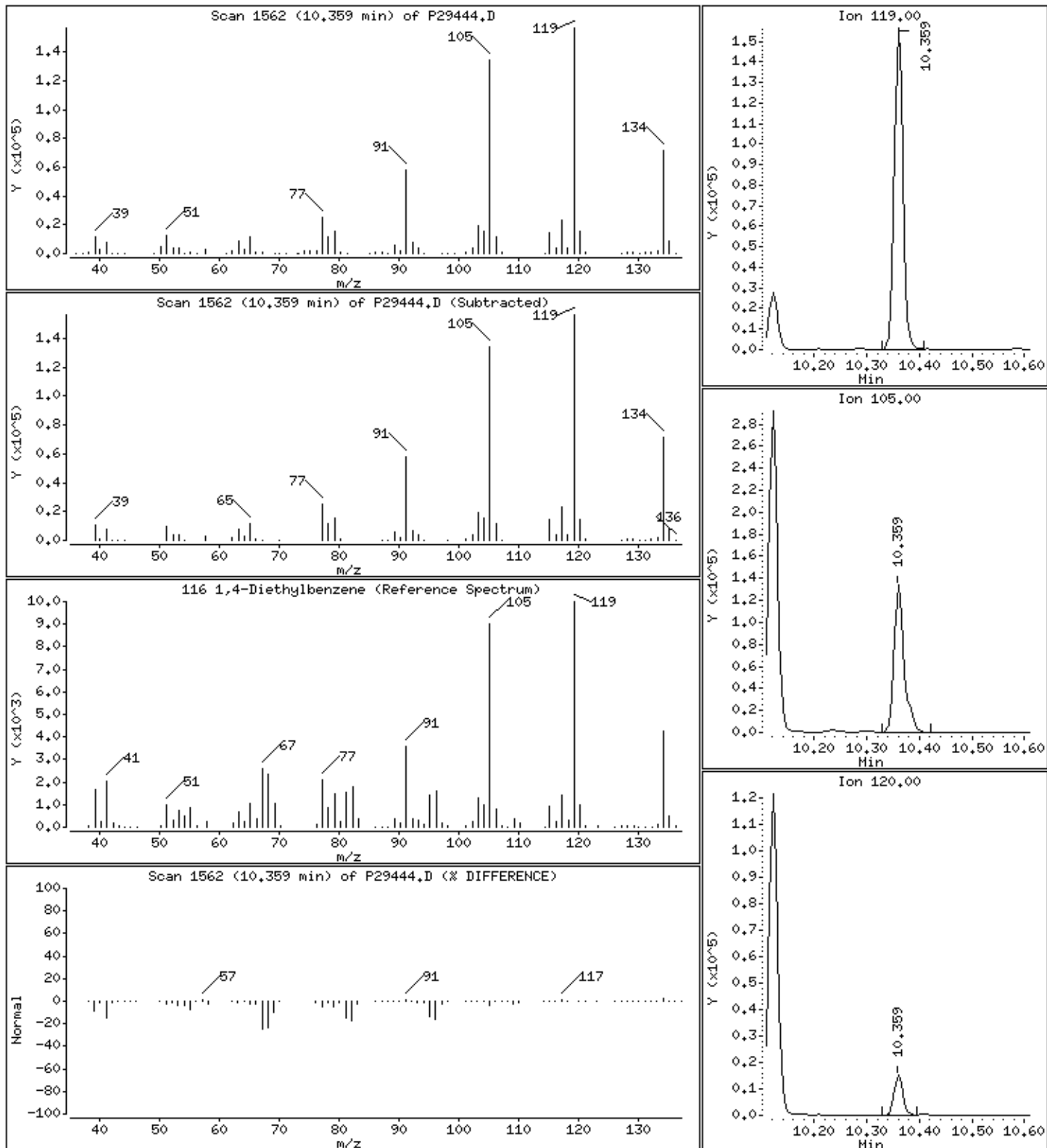
Column phase: RTX-624

Column diameter: 0,18

116 1,4-Diethylbenzene

Concentration: 39,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

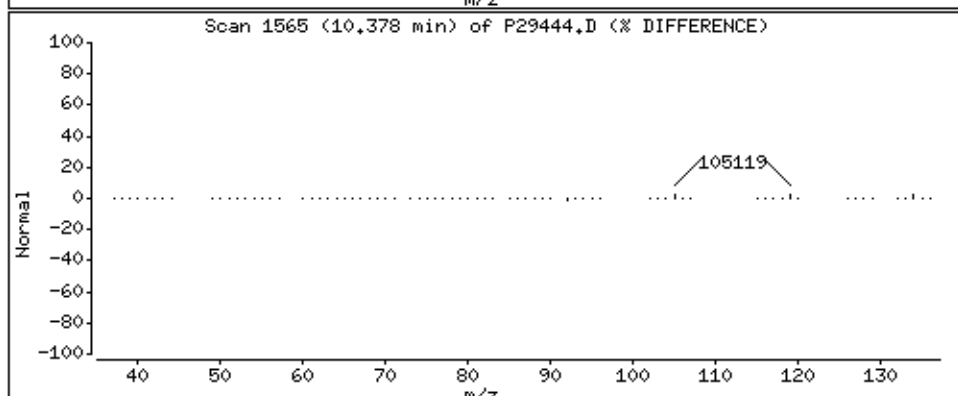
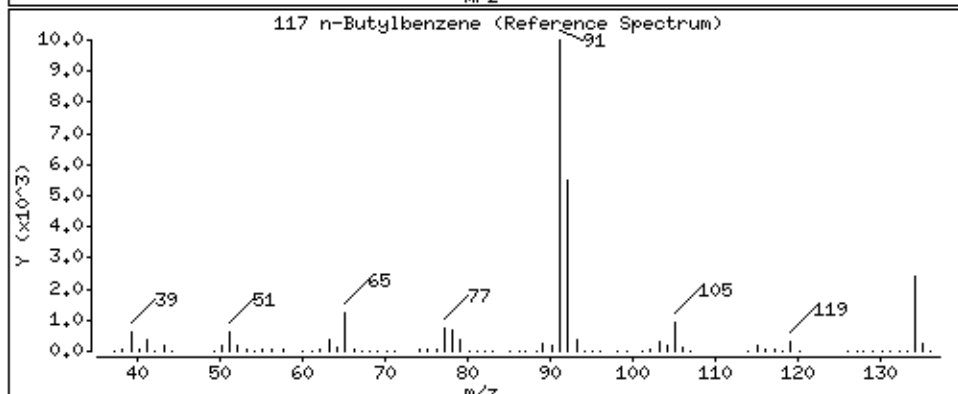
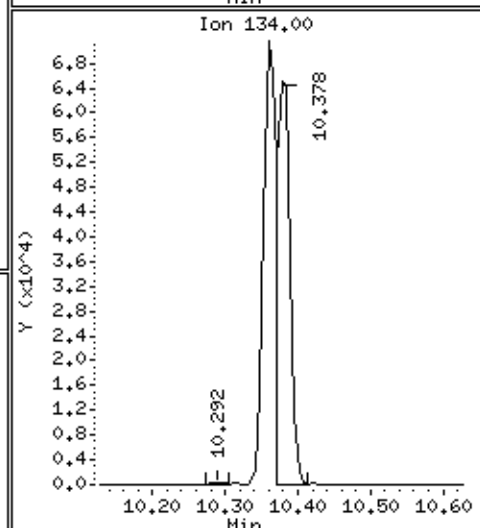
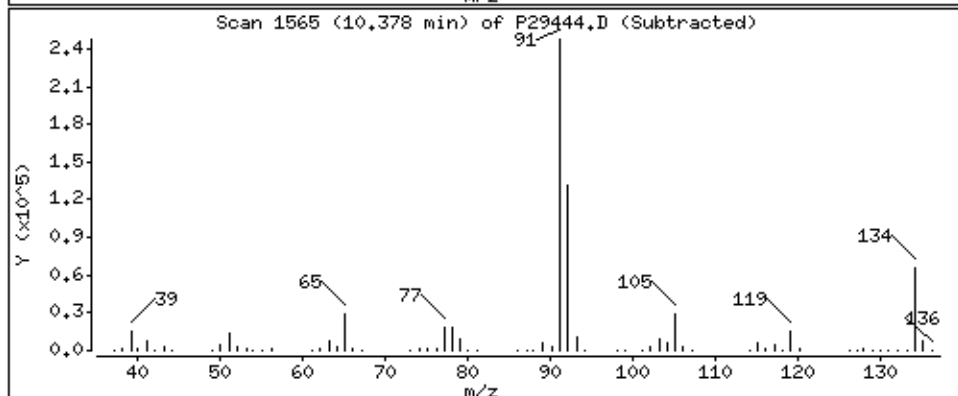
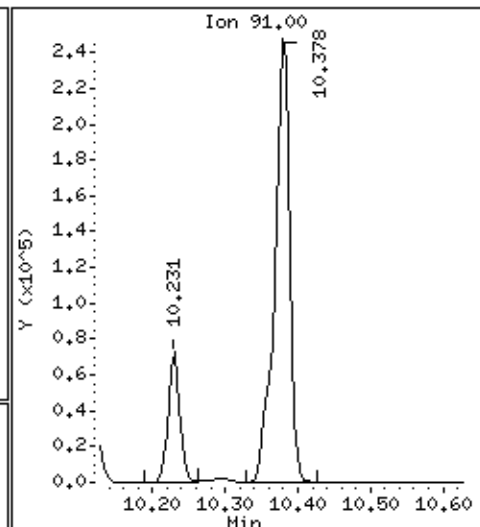
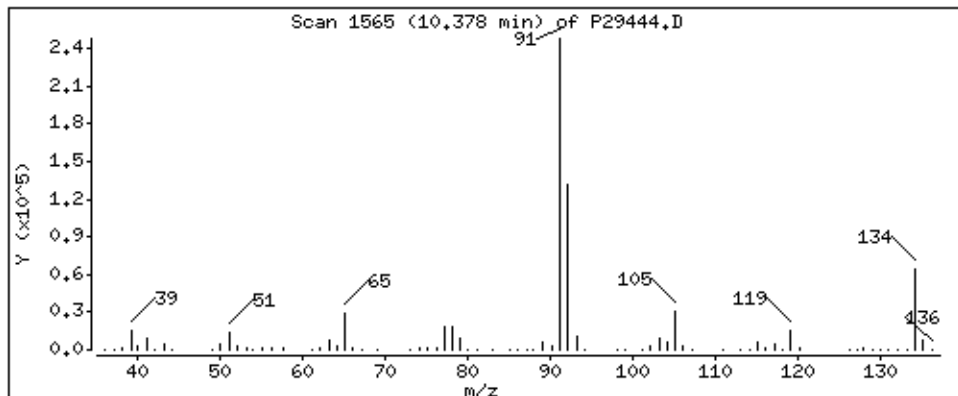
Column phase: RTX-624

Column diameter: 0.18

117 n-Butylbenzene

Concentration: 38.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

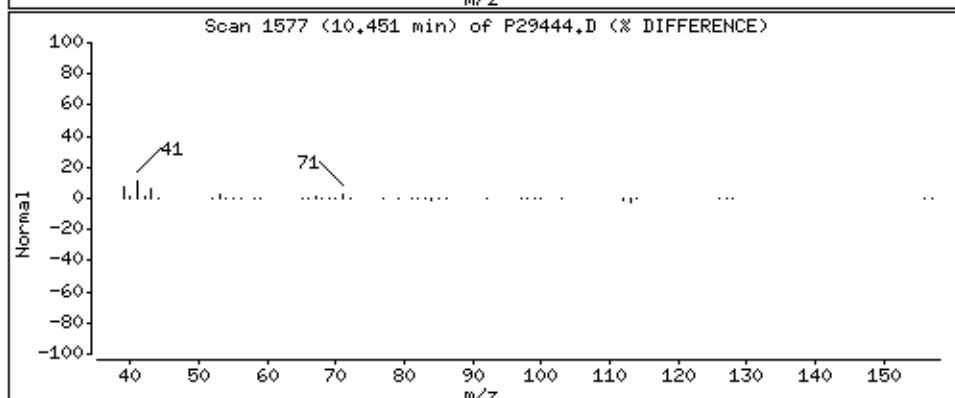
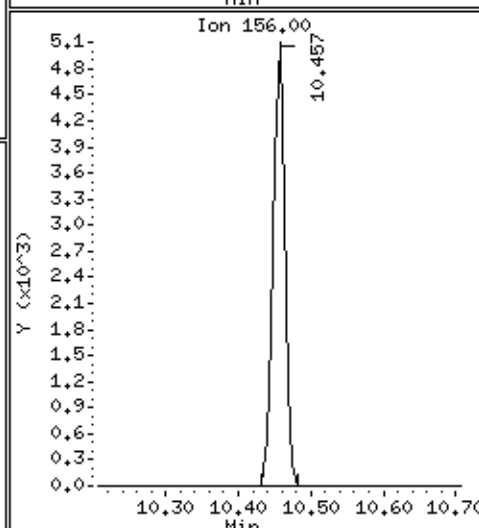
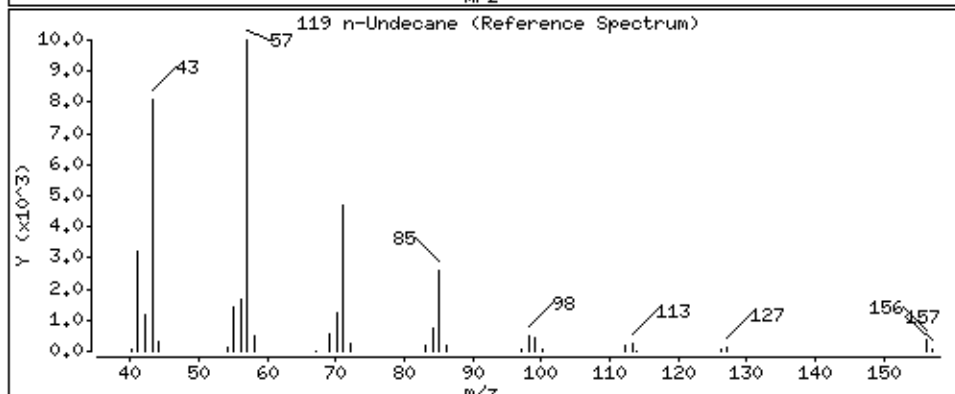
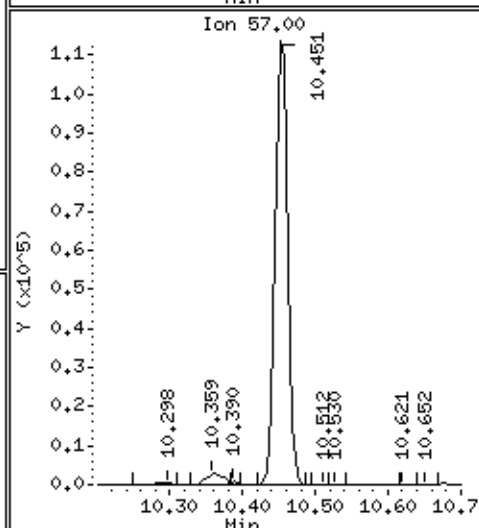
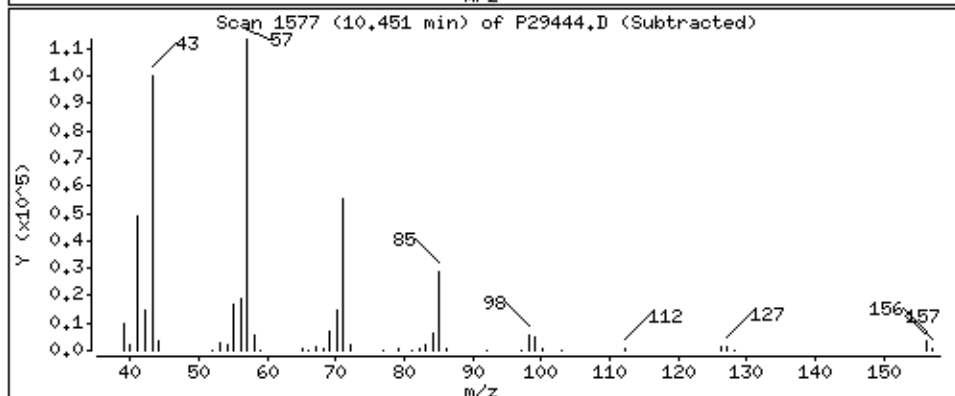
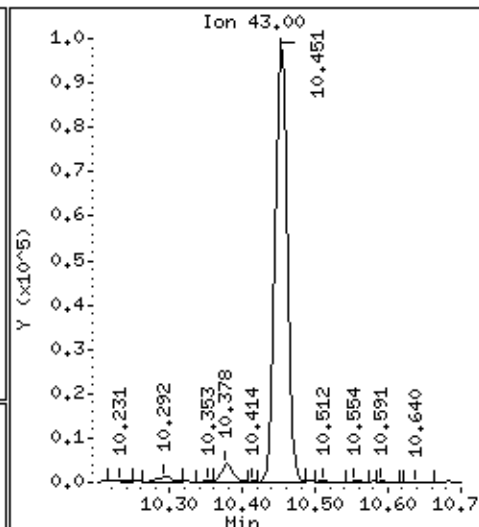
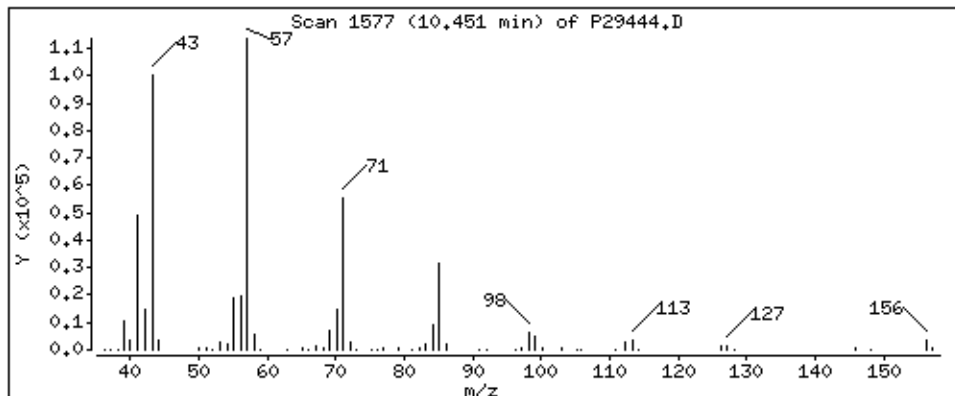
Column phase: RTX-624

Column diameter: 0,18

119 n-Undecane

Concentration: 130 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5,0

Operator: BBL

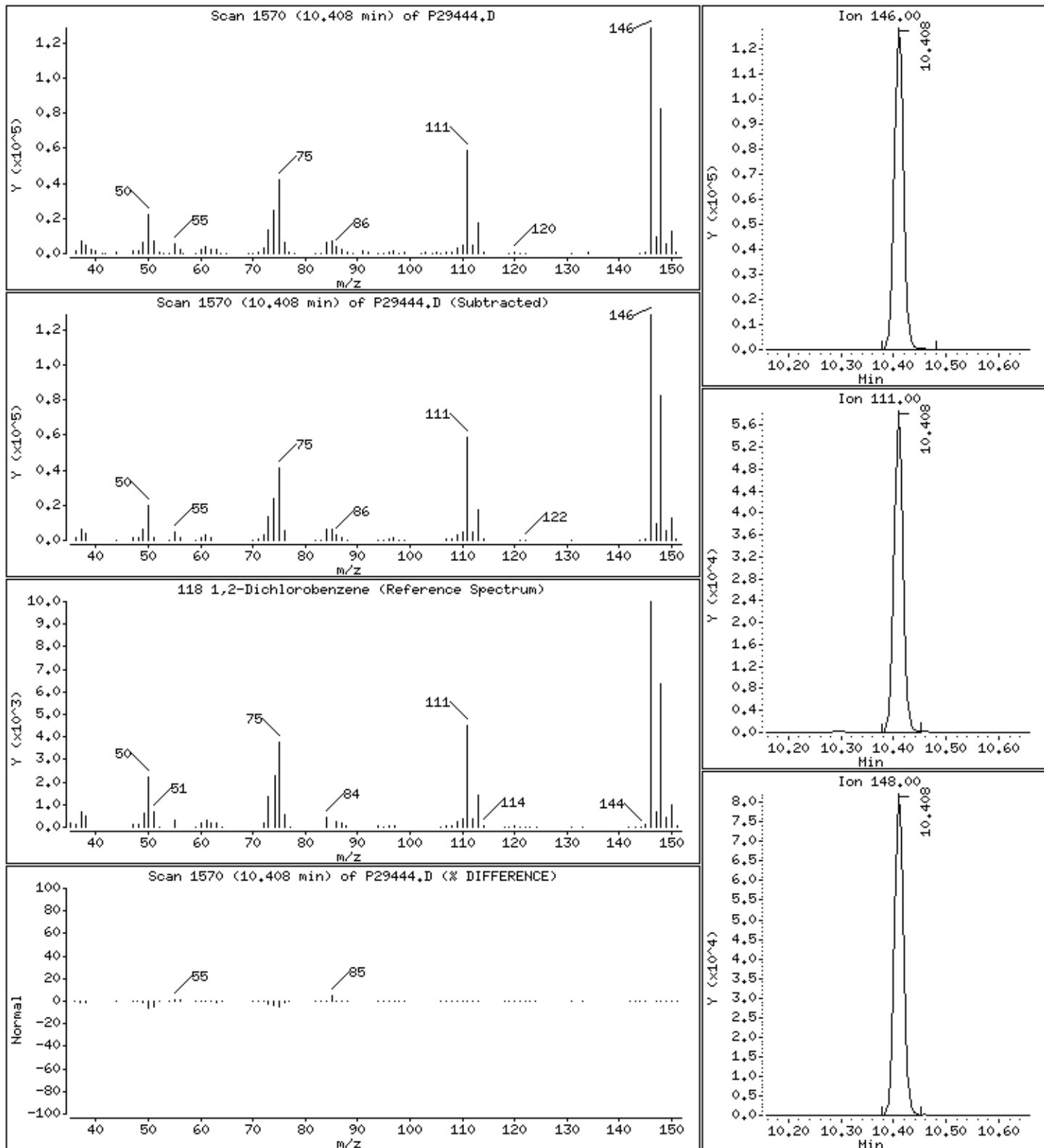
Column phase: RTX-624

Column diameter: 0,18

118 1,2-Dichlorobenzene

Concentration: 44,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

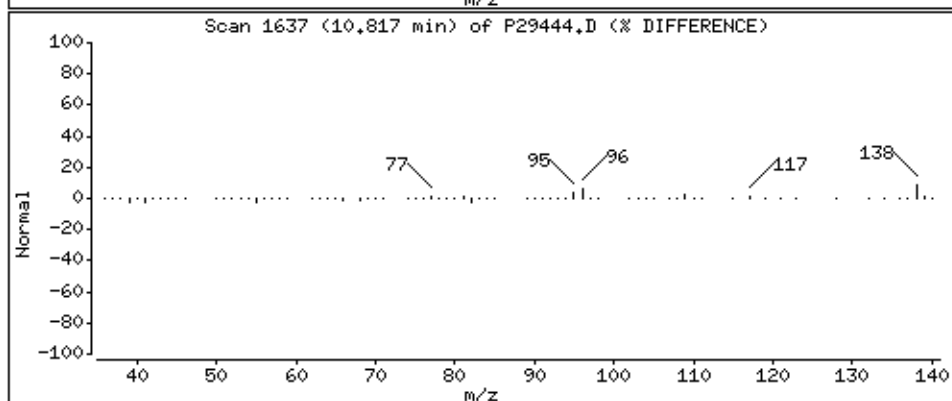
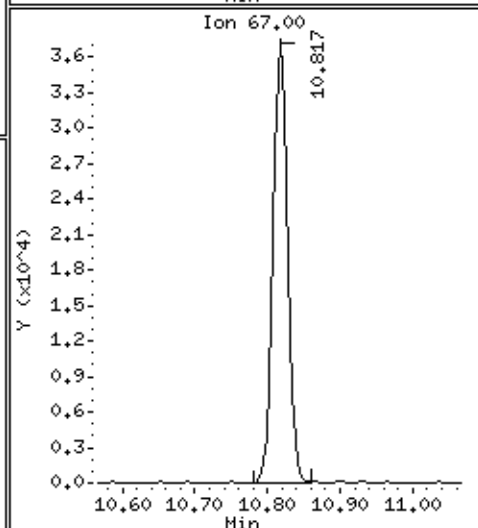
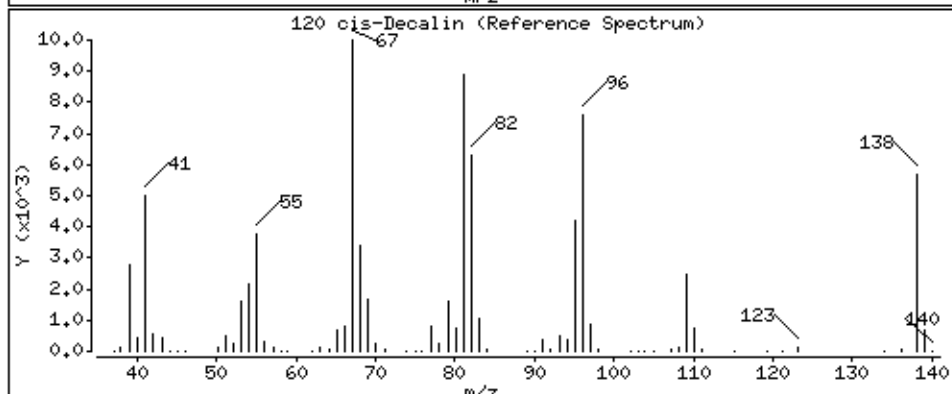
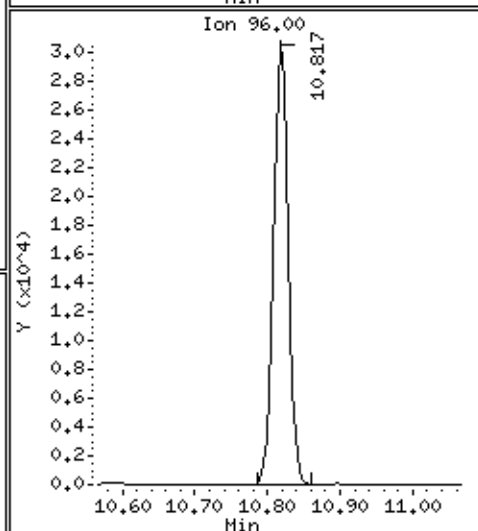
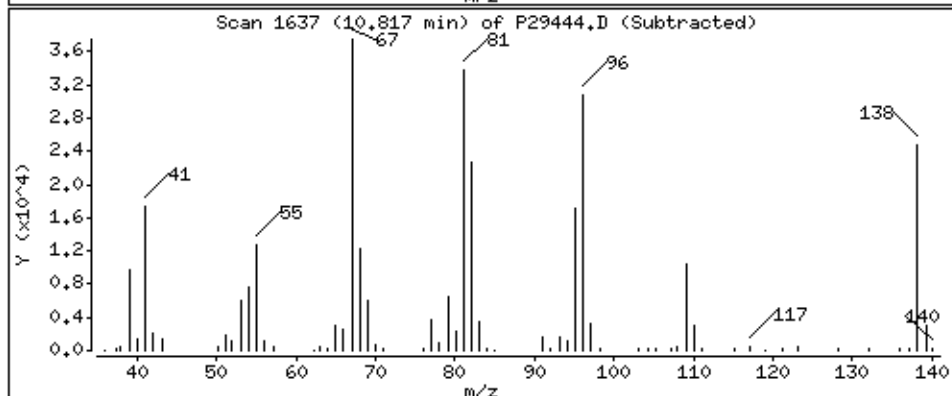
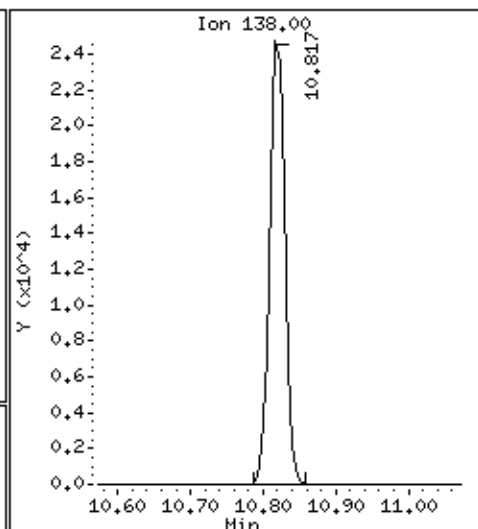
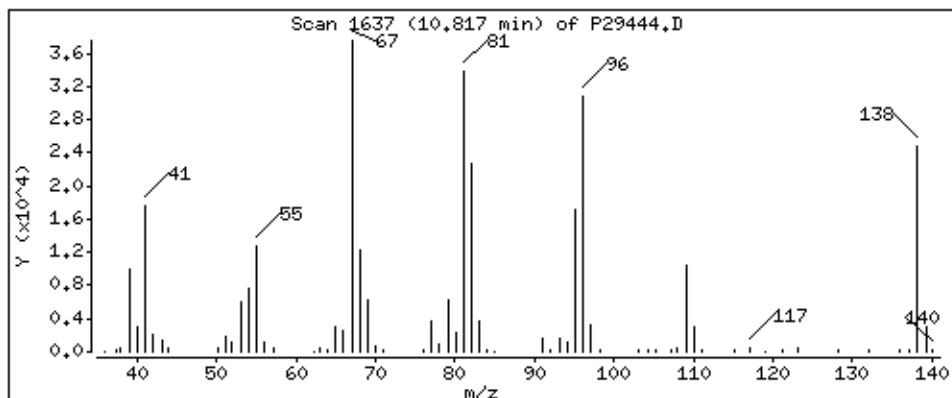
Column phase: RTX-624

Column diameter: 0,18

120 cis-Decalin

Concentration: 35,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

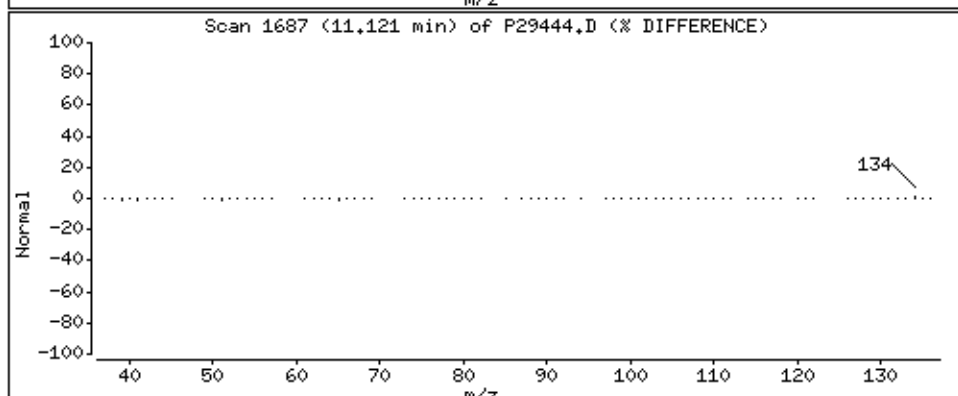
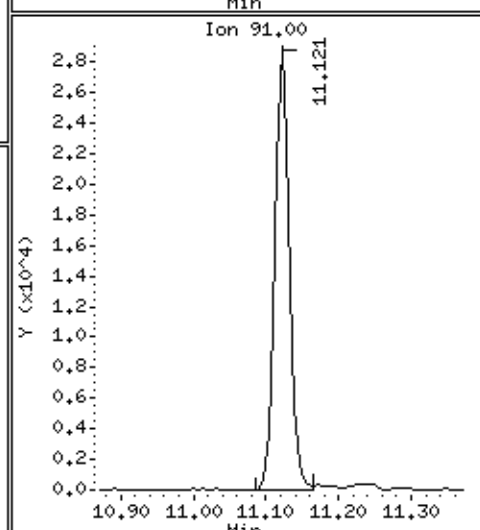
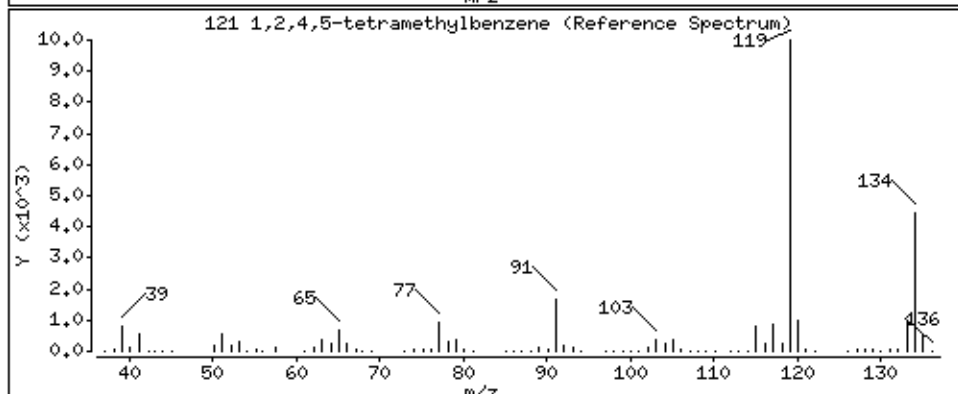
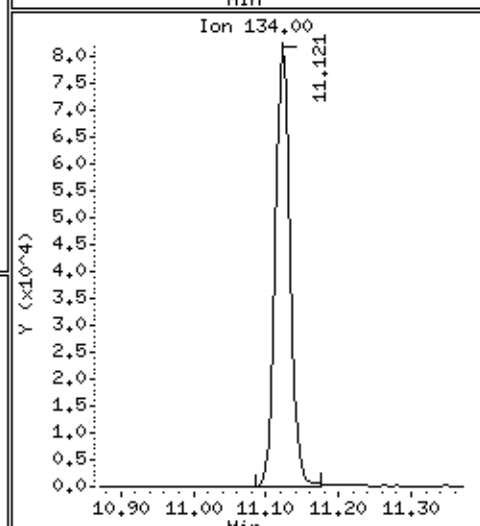
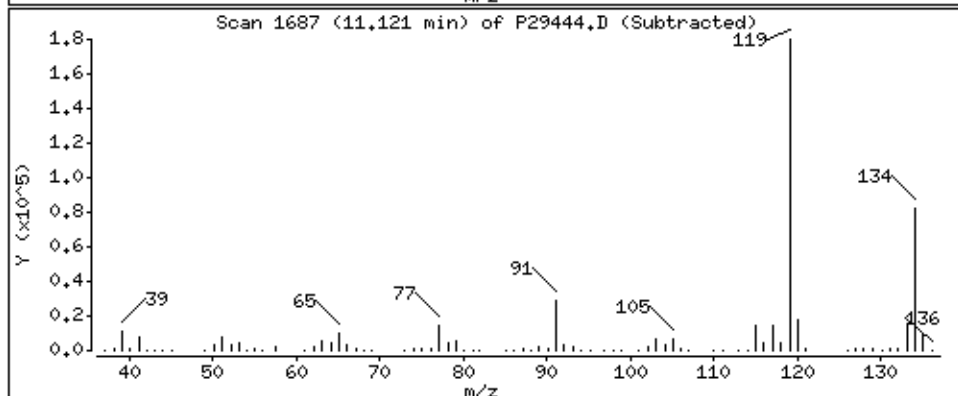
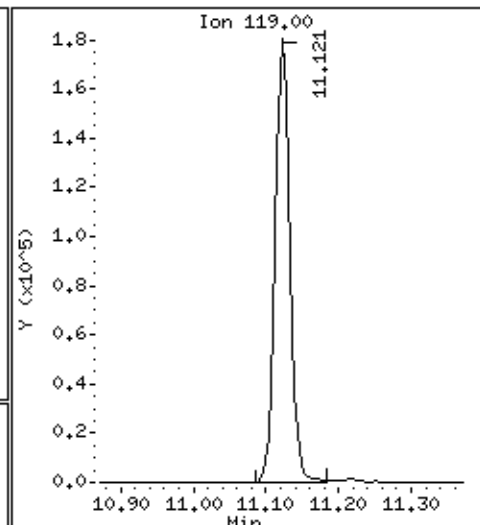
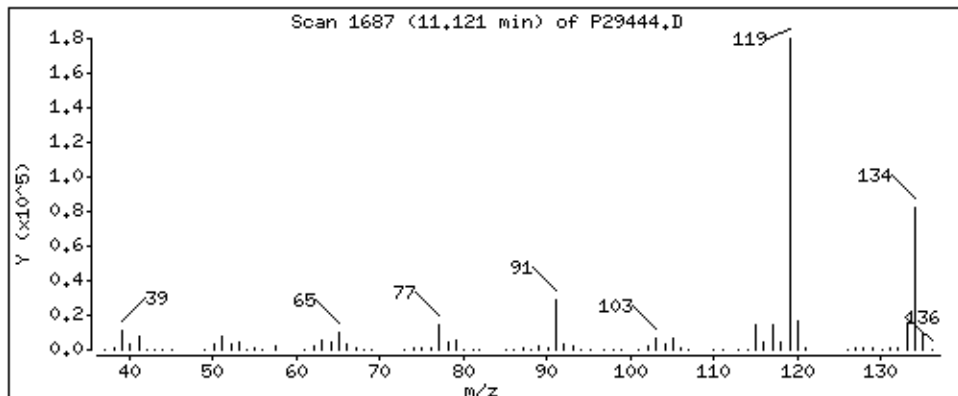
Column phase: RTX-624

Column diameter: 0,18

121 1,2,4,5-tetramethylbenzene

Concentration: 36,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

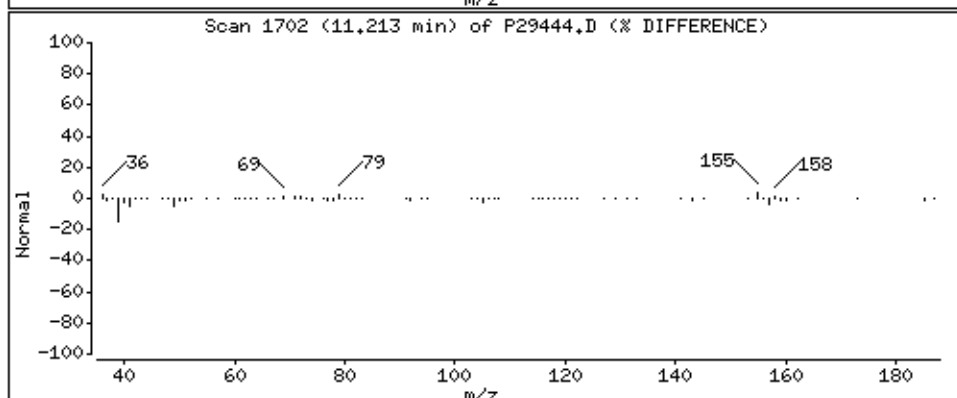
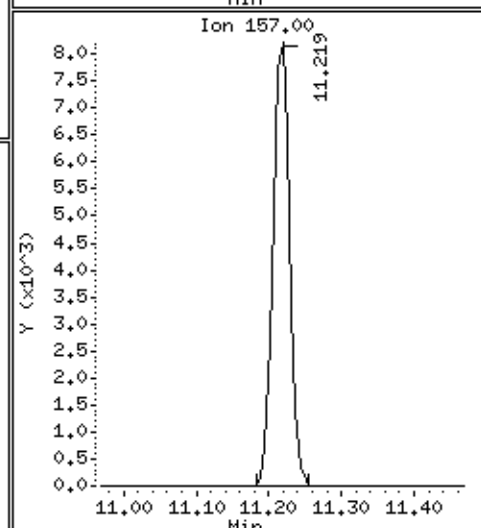
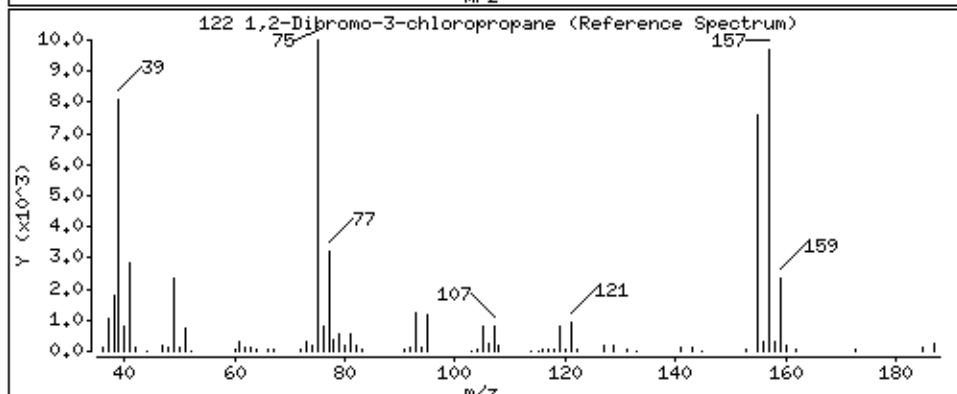
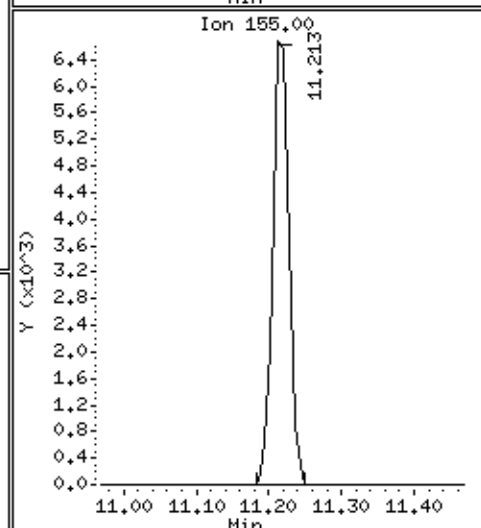
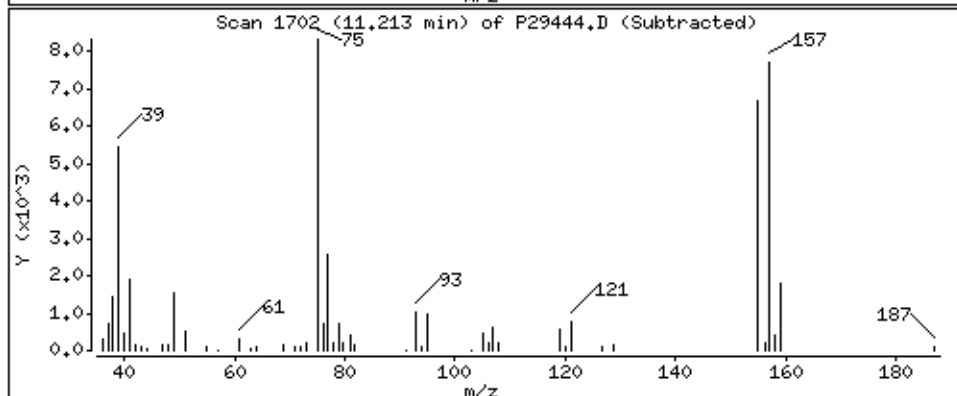
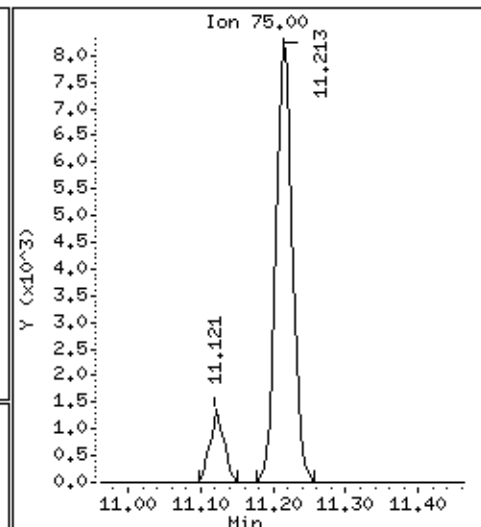
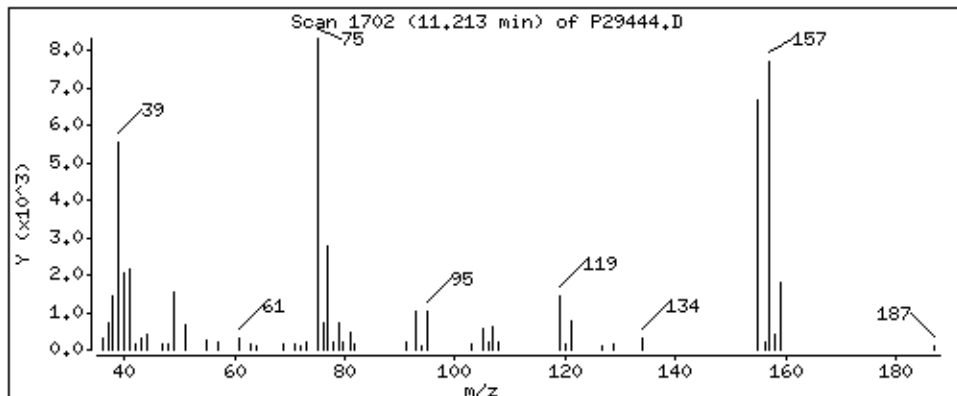
Column phase: RTX-624

Column diameter: 0.18

122 1,2-Dibromo-3-chloropropane

Concentration: 43.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

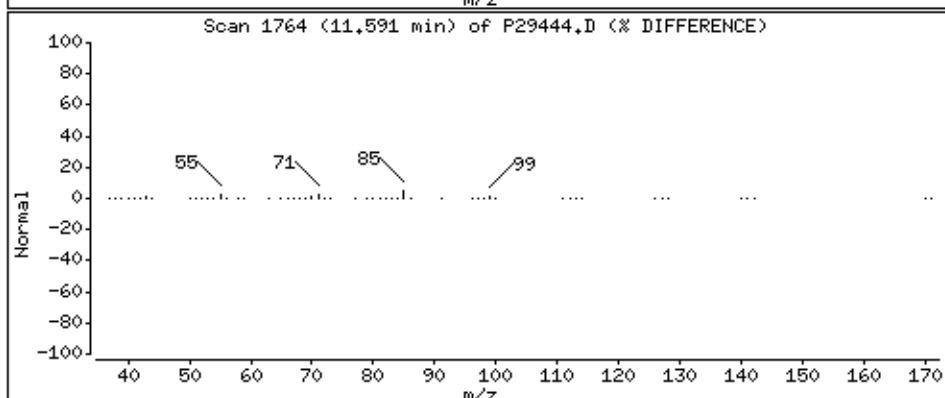
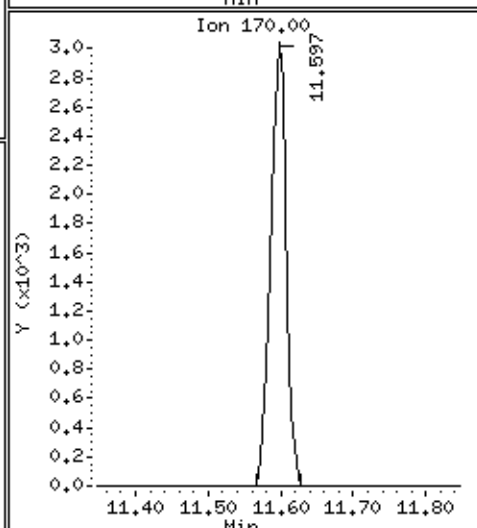
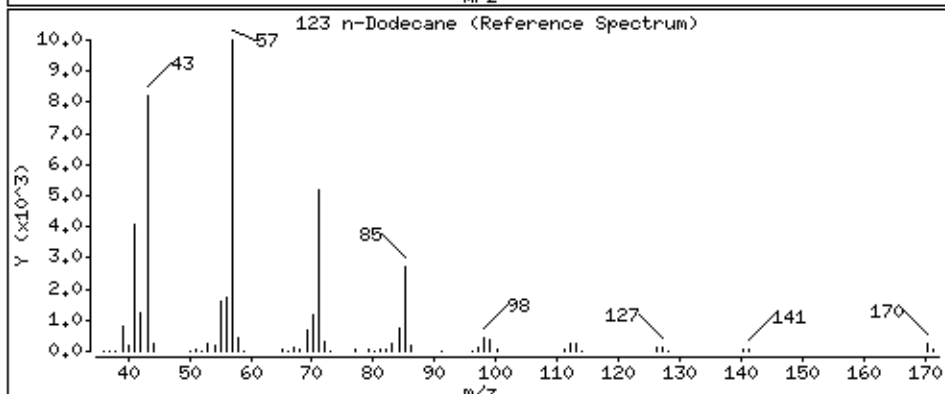
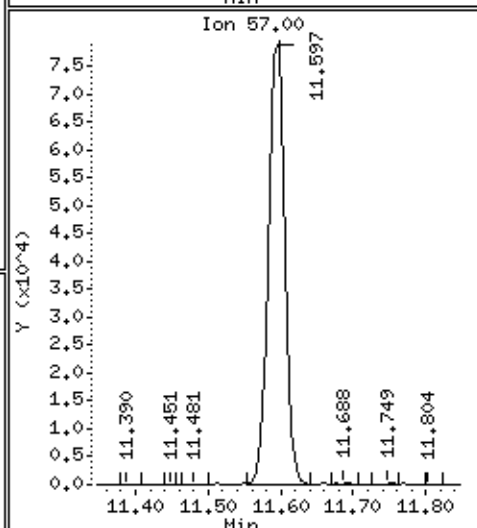
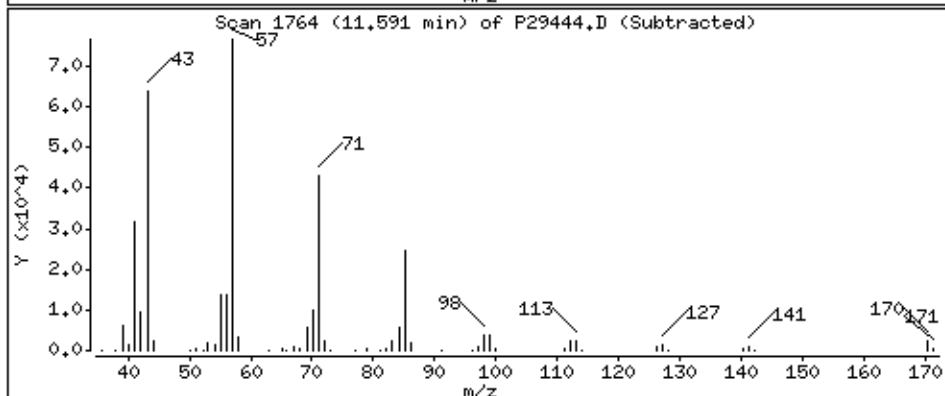
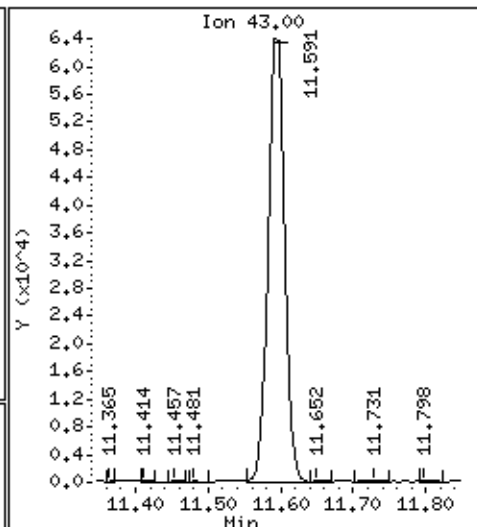
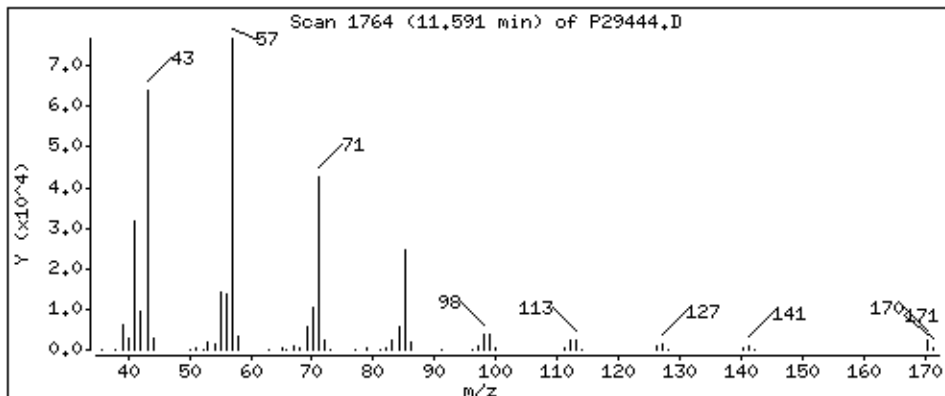
Operator: BBL

Column phase: RTX-624

Column diameter: 0.18

123 n-Dodecane

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

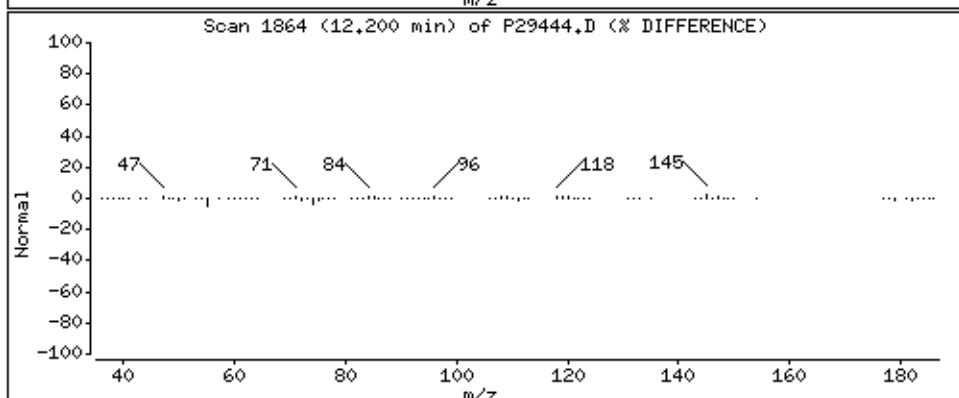
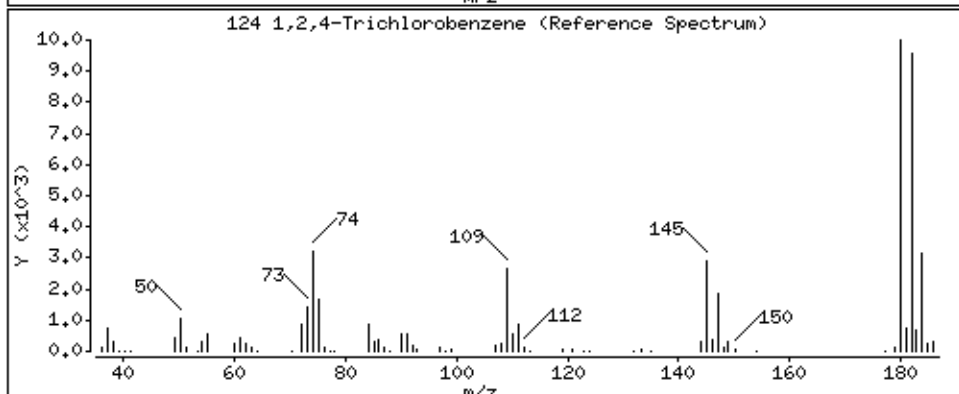
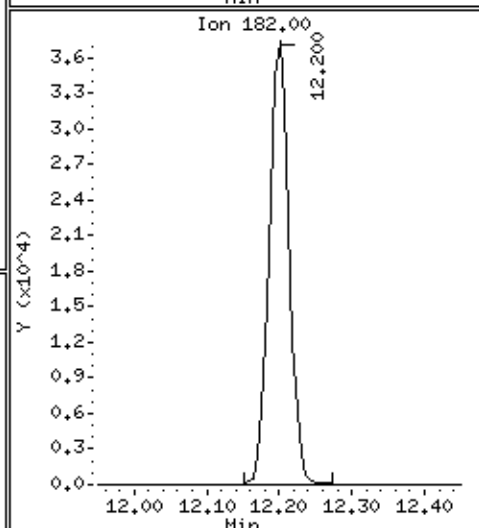
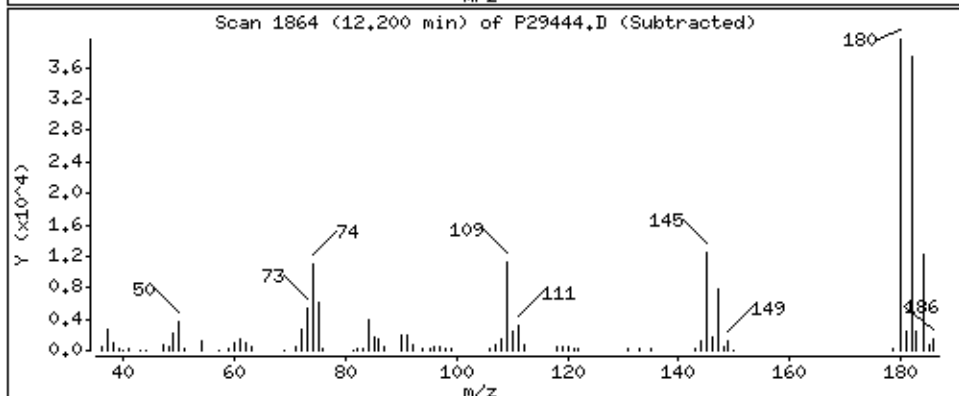
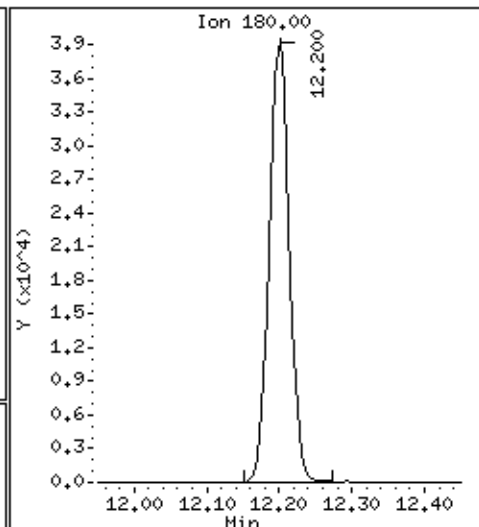
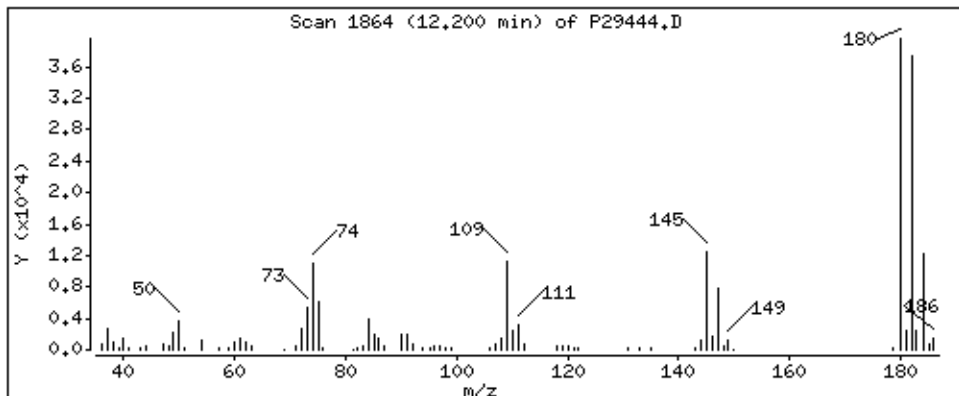
Column phase: RTX-624

Column diameter: 0,18

124 1,2,4-Trichlorobenzene

Concentration: 41.6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

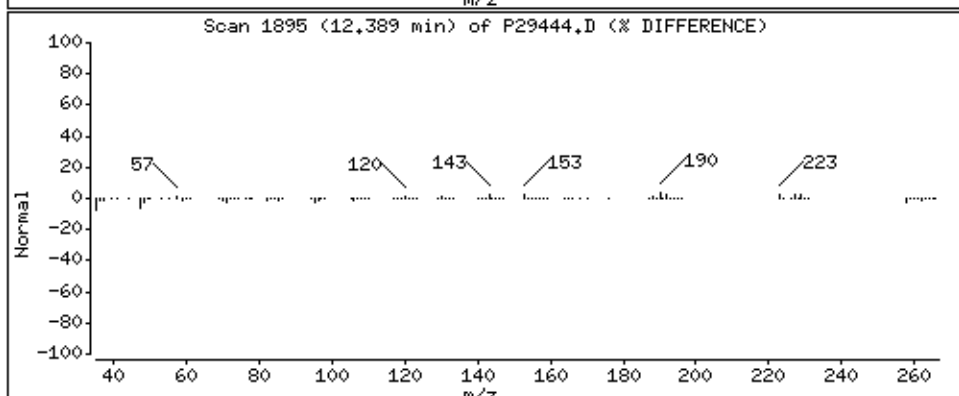
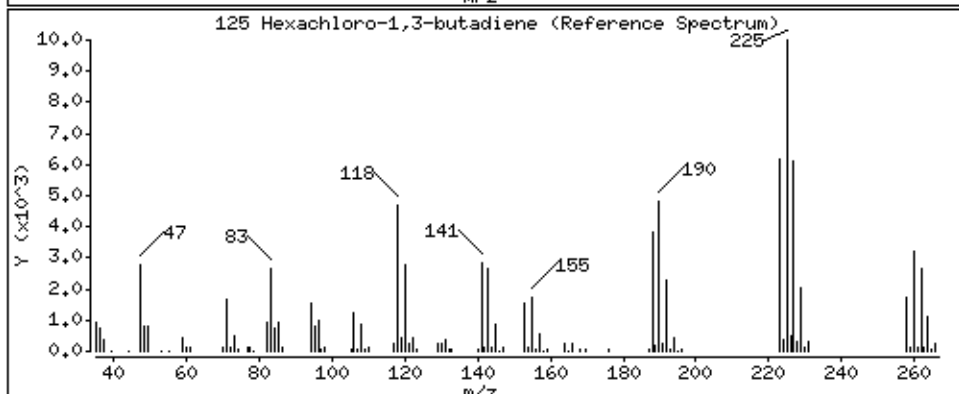
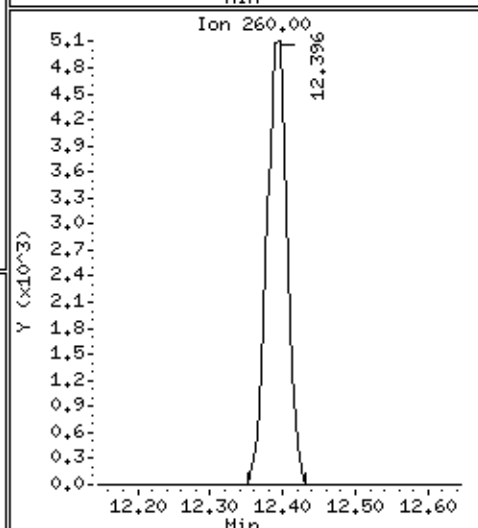
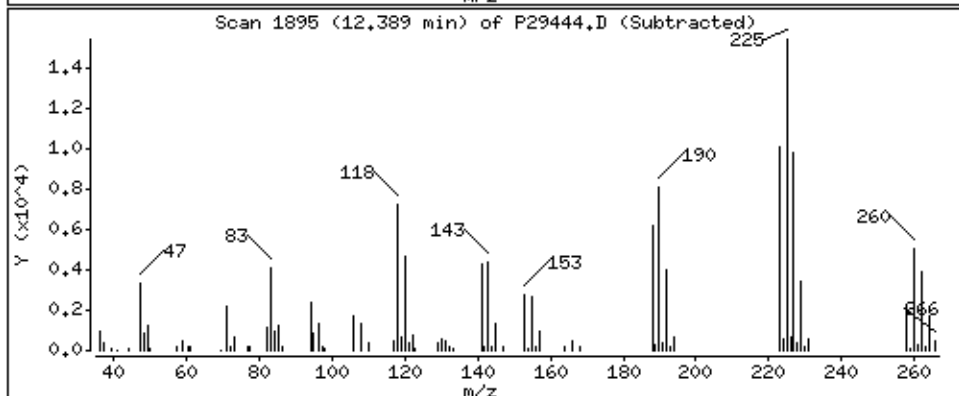
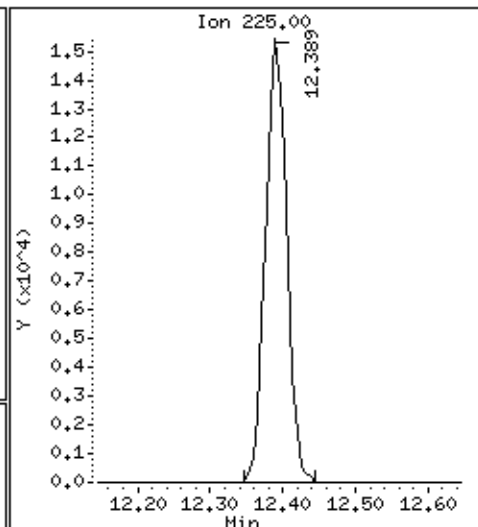
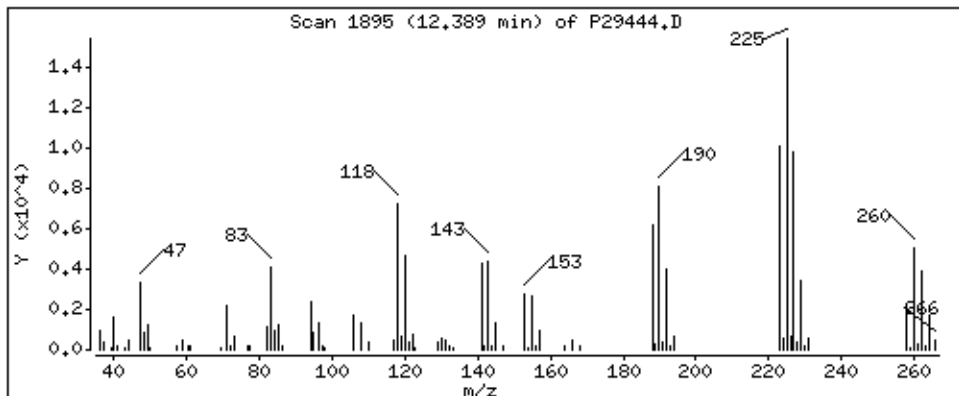
Column phase: RTX-624

Column diameter: 0,18

125 Hexachloro-1,3-butadiene

Concentration: 42.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1.25

Purge Volume: 5.0

Operator: BBL

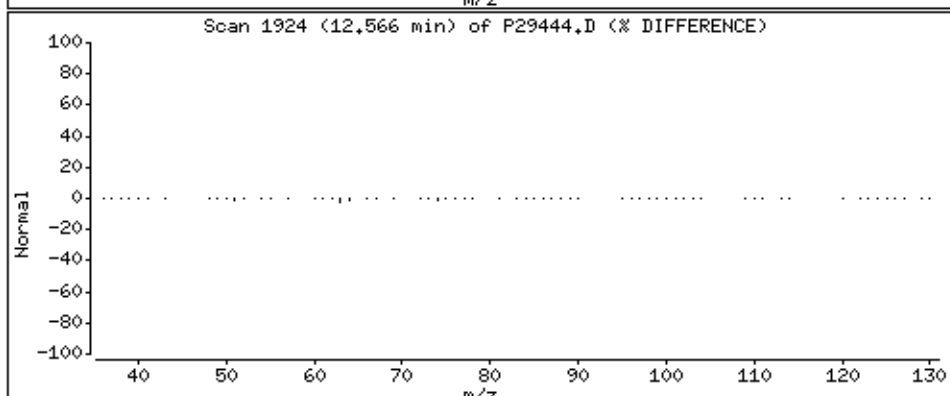
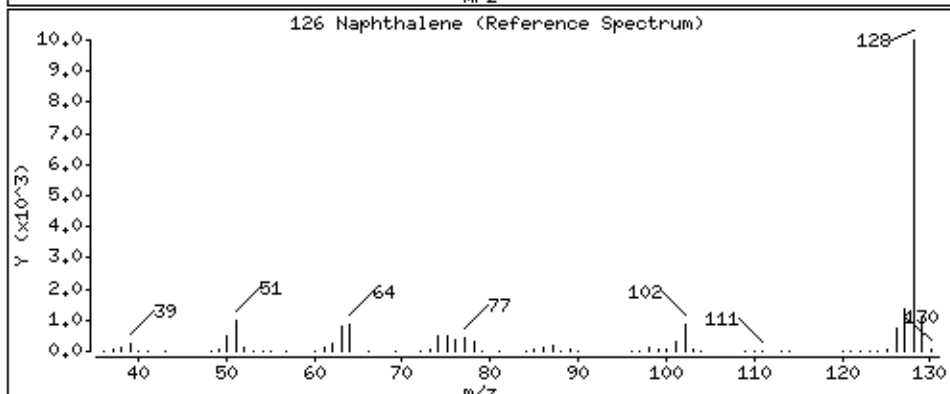
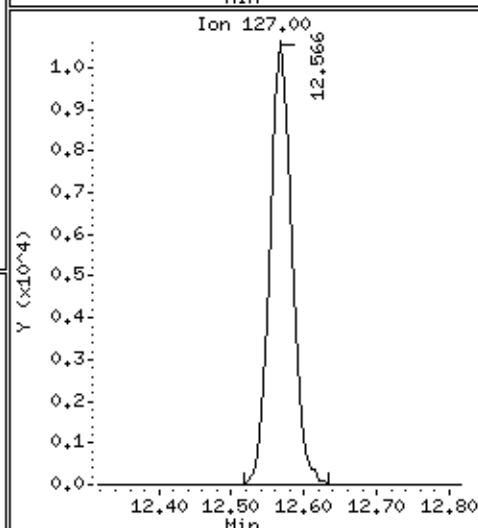
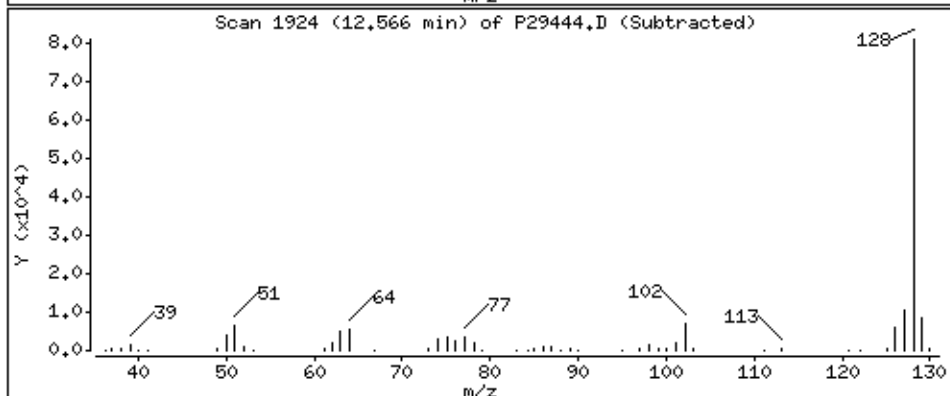
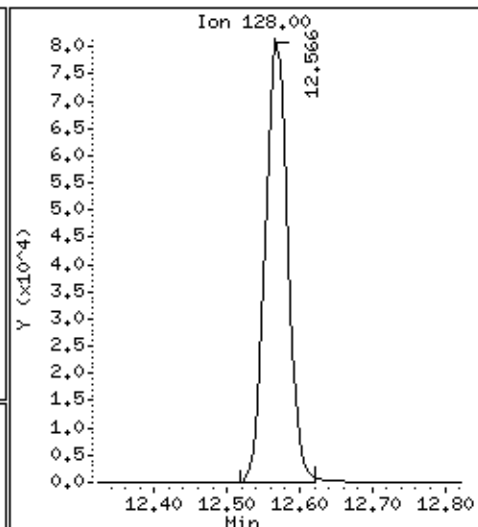
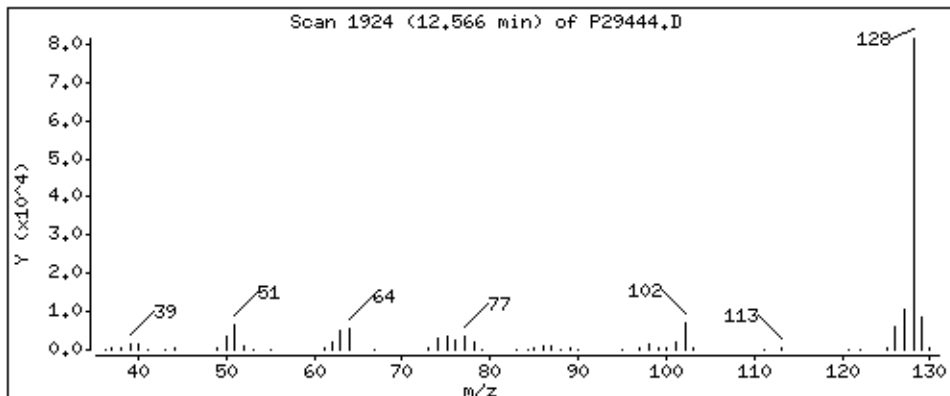
Column phase: RTX-624

Column diameter: 0.18

126 Naphthalene

Concentration: 41.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29444.D

Date : 10-MAR-2021 18:23

Client ID: MW-14 MS/MSDMS

Instrument: 70msv8.i

Sample Info: 982105, 106905;1,25

Purge Volume: 5.0

Operator: BBL

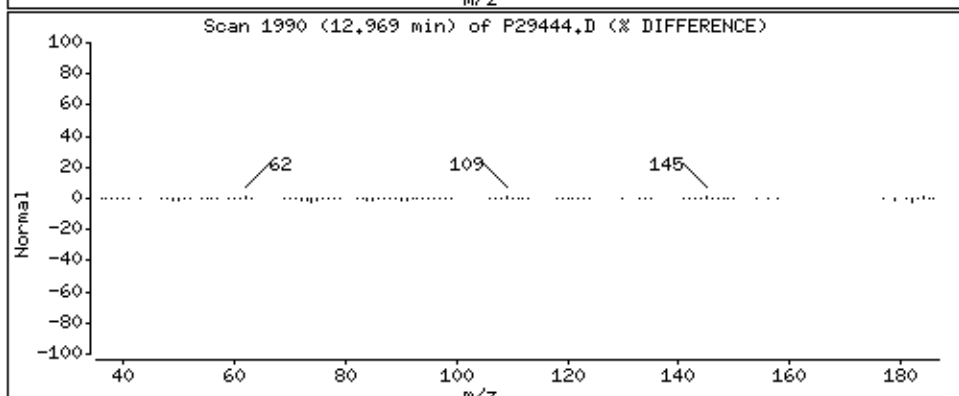
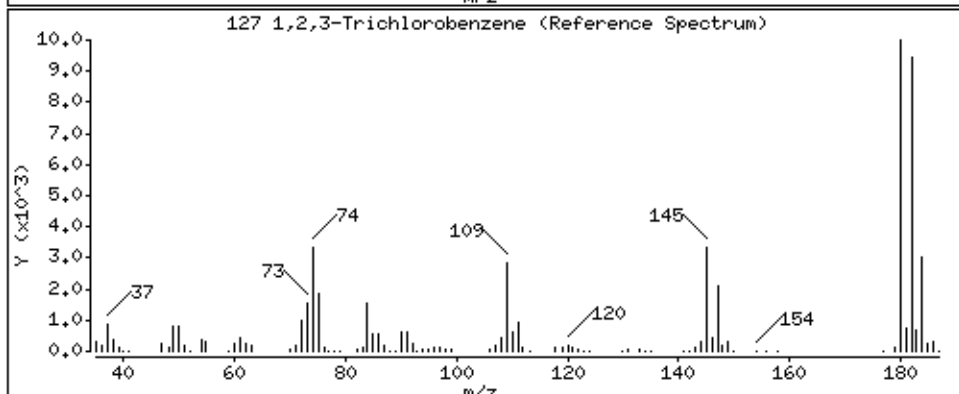
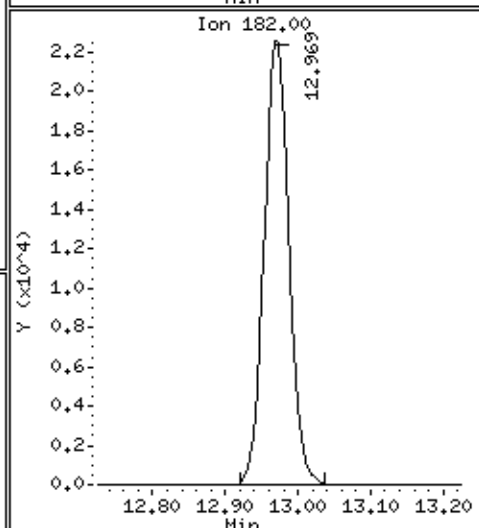
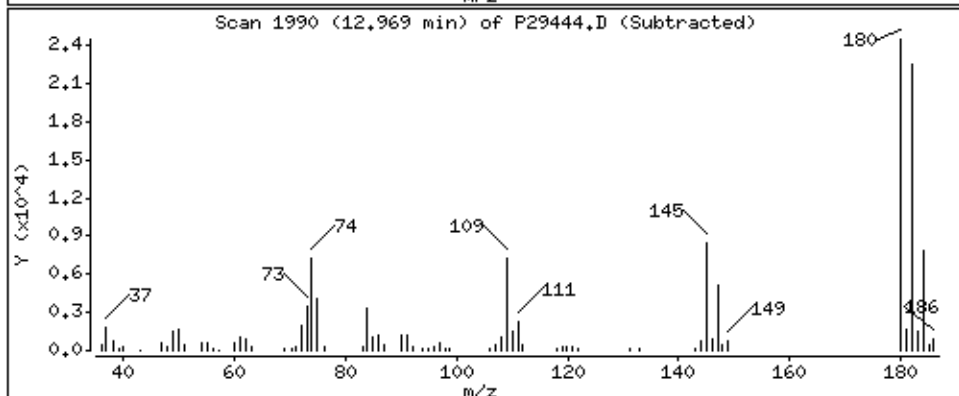
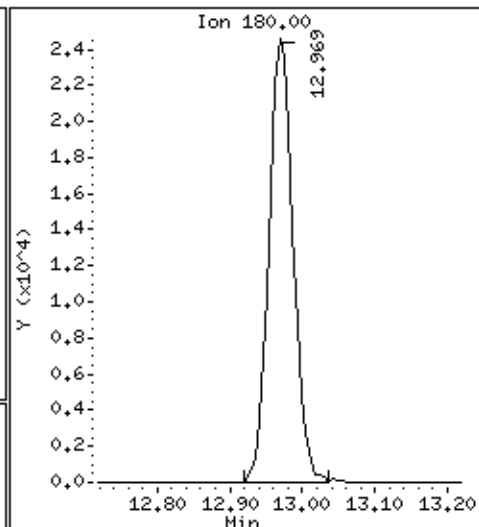
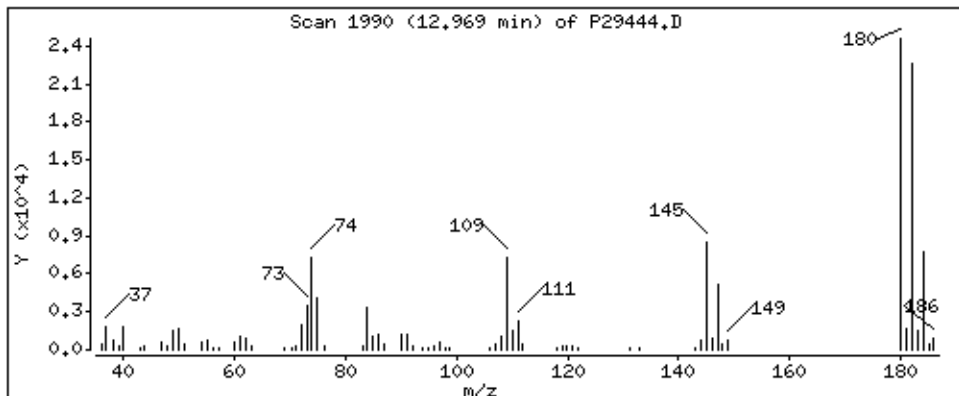
Column phase: RTX-624

Column diameter: 0,18

127 1,2,3-Trichlorobenzene

Concentration: 41.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29444.D

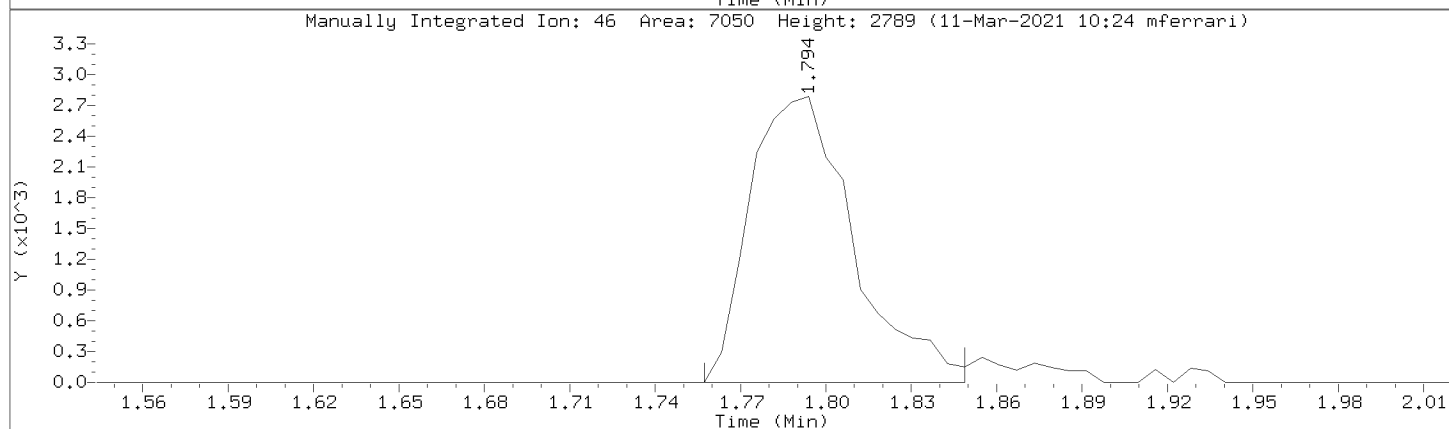
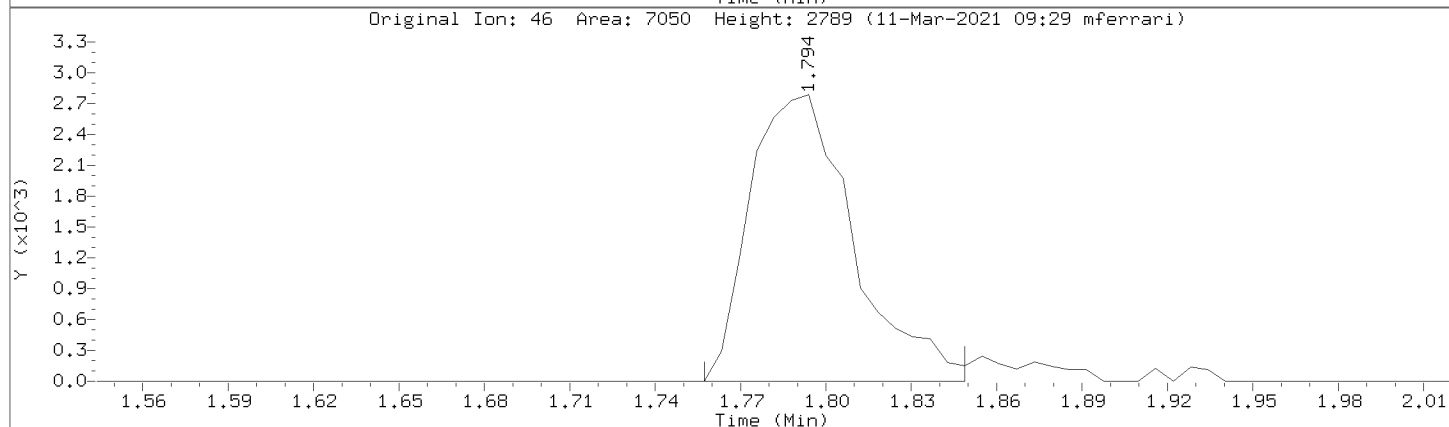
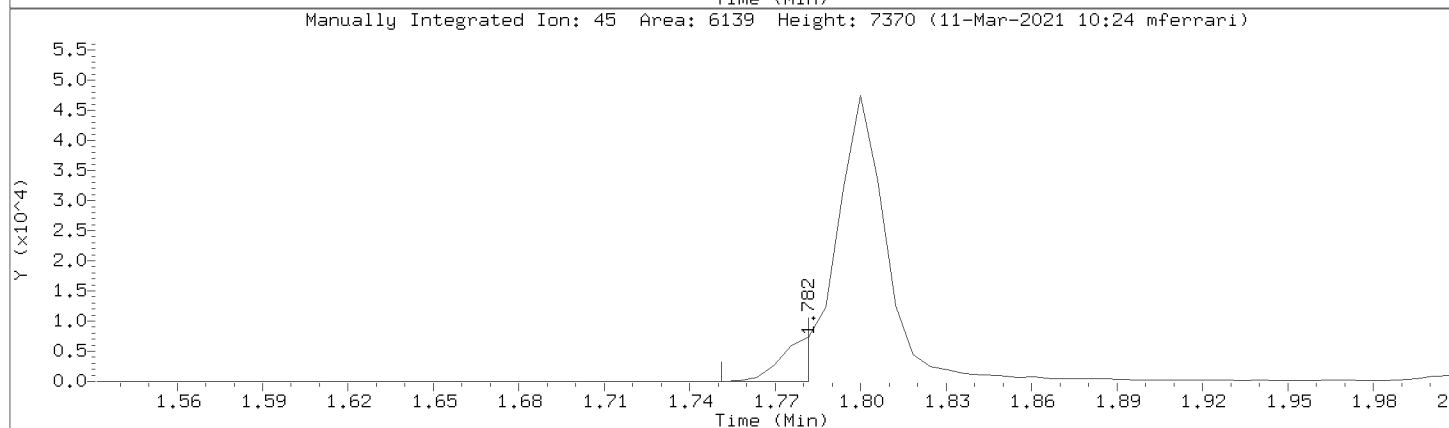
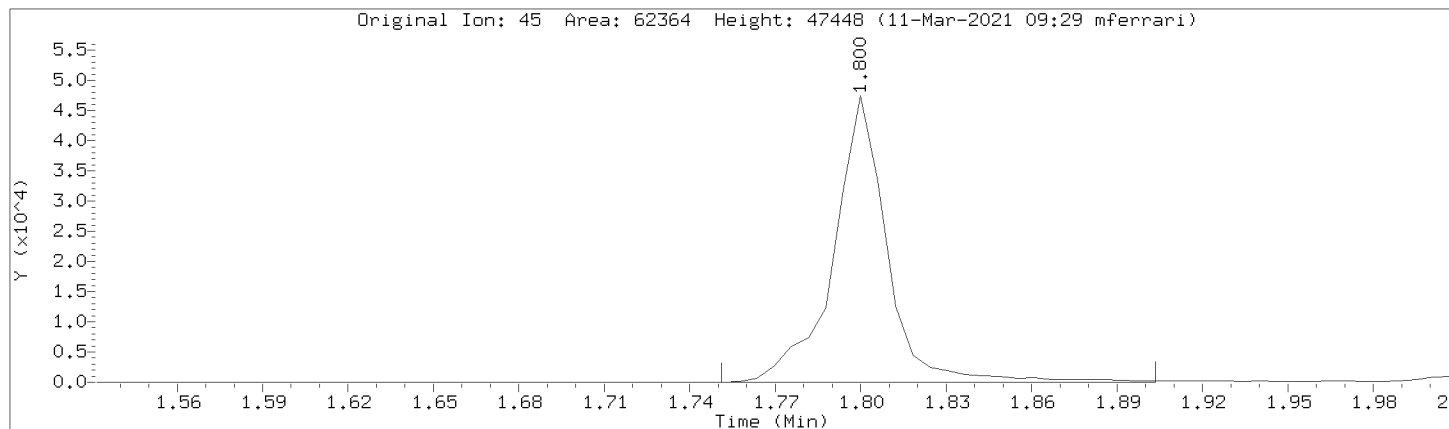
Injection Date: 10-MAR-2021 18:23

Instrument: 70msv8.i

Lab Sample ID: 982105

Compound: Ethanol Review Code: WP

CAS Number:



MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MSD

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 18:42
Date Analyzed: 03/10/2021 18:42
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 982106
Lab File ID: 031021.B\29445.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	66.3	
71-43-2	Benzene	54.5	
108-86-1	Bromobenzene	47.7	
74-97-5	Bromochloromethane	47.5	
75-27-4	Bromodichloromethane	51.5	
75-25-2	Bromoform	59.2	
74-83-9	Bromomethane	73.7	
78-93-3	2-Butanone (MEK)	36.3	
104-51-8	n-Butylbenzene	40.6	
135-98-8	sec-Butylbenzene	41.5	
98-06-6	tert-Butylbenzene	42.9	
75-15-0	Carbon disulfide	44.4	
56-23-5	Carbon tetrachloride	52.3	
108-90-7	Chlorobenzene	50.1	
75-00-3	Chloroethane	49.6	
67-66-3	Chloroform	50.7	
74-87-3	Chloromethane	41.6	
95-49-8	2-Chlorotoluene	45.2	
106-43-4	4-Chlorotoluene	44.5	
96-12-8	1,2-Dibromo-3-chloropropane	44.7	
124-48-1	Dibromochloromethane	52.5	
106-93-4	1,2-Dibromoethane (EDB)	50.0	
74-95-3	Dibromomethane	51.2	
95-50-1	1,2-Dichlorobenzene	46.3	
541-73-1	1,3-Dichlorobenzene	46.3	
106-46-7	1,4-Dichlorobenzene	46.3	
75-71-8	Dichlorodifluoromethane	12.9	
75-34-3	1,1-Dichloroethane	59.6	
107-06-2	1,2-Dichloroethane	49.3	
75-35-4	1,1-Dichloroethene	43.4	
156-59-2	cis-1,2-Dichloroethene	51.6	
156-60-5	trans-1,2-Dichloroethene	51.0	
78-87-5	1,2-Dichloropropane	56.1	
142-28-9	1,3-Dichloropropane	53.7	
594-20-7	2,2-Dichloropropane	33.5	
563-58-6	1,1-Dichloropropene	53.8	
10061-01-5	cis-1,3-Dichloropropene	48.7	

03/16/2021 9:50

MSV - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MSD

Lab Name: Pace Analytical - New York
Date Received: 03/02/2021 10:55
Date Extracted: 03/10/2021 18:42
Date Analyzed: 03/10/2021 18:42
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: VALIS GATE MANUFACTURING 3/1
Matrix: Water SDG No.: 70164195
Lab Sample ID: 982106
Lab File ID: 031021.B\BP29445.D
Instrument: 70MSV8 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-6	trans-1,3-Dichloropropene	44.4	
100-41-4	Ethylbenzene	48.7	
87-68-3	Hexachloro-1,3-butadiene	47.8	
591-78-6	2-Hexanone	58.1	
98-82-8	Isopropylbenzene (Cumene)	44.6	
99-87-6	p-Isopropyltoluene	40.6	
75-09-2	Methylene Chloride	50.4	
108-10-1	4-Methyl-2-pentanone (MIBK)	65.2	
1634-04-4	Methyl-tert-butyl ether	46.7	
91-20-3	Naphthalene	44.7	
103-65-1	n-Propylbenzene	44.4	
100-42-5	Styrene	48.5	
630-20-6	1,1,1,2-Tetrachloroethane	48.2	
79-34-5	1,1,2,2-Tetrachloroethane	51.3	
127-18-4	Tetrachloroethene	50.3	
108-88-3	Toluene	52.6	
87-61-6	1,2,3-Trichlorobenzene	44.2	
120-82-1	1,2,4-Trichlorobenzene	44.0	
71-55-6	1,1,1-Trichloroethane	46.2	
79-00-5	1,1,2-Trichloroethane	53.9	
79-01-6	Trichloroethene	50.6	
75-69-4	Trichlorofluoromethane	40.3	
96-18-4	1,2,3-Trichloropropane	49.4	
95-63-6	1,2,4-Trimethylbenzene	43.4	
108-67-8	1,3,5-Trimethylbenzene	43.3	
108-05-4	Vinyl acetate	44.2	
75-01-4	Vinyl chloride	52.4	
1330-20-7	Xylene (Total)	144	
179601-23-1	m&p-Xylene	96.5	
95-47-6	o-Xylene	47.7	

03/16/2021 9:50

Pace Analytical Services, Inc.

SW846-8260C/D/EPA 624.1

Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29445.D
 Lab Smp Id: 982106 Client Smp ID: MW-14 MS/MSDMSD
 Inj Date : 10-MAR-2021 18:42 MS Autotune Date: 07-JUL-2020 12:1
 Operator : BBL Inst ID: 70msv8.i
 Smp Info : 982106, 106905:1.25
 Misc Info : 11195,
 Comment :
 Method : \\v70wintarget\chem\70msv8.i\031021.b\070720_8260W.m
 Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
 Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
 Als bottle: 26 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: RC10A
 Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
							ON-COLUMN (ug/L)	FINAL (ug/L)	
1 Chlorodifluoromethane	51		0.995	0.989	(0.270)	62044	36.0280	36.0	
2 Dichlorotetrafluoroethane	135		1.056	1.050	(0.286)	21032	23.6066	23.6	
3 Dichlorodifluoromethane	85		0.977	0.971	(0.265)	21551	12.9243	12.9 (QR)	
4 Chloromethane	50		1.105	1.099	(0.299)	46674	41.5665	41.6	
5 Vinyl chloride	62		1.172	1.166	(0.318)	66949	52.3659	52.4	
6 1,3-Butadiene	54		1.196	1.190	(0.324)	50590	39.1172	39.1	
7 Acetaldehyde	44		1.263	1.257	(0.342)	16554	101.009	101	
8 Bromomethane	94		1.397	1.391	(0.379)	17701	73.7279	73.7 (R)	
9 Chloroethane	64		1.464	1.458	(0.397)	50958	49.6154	49.6	
10 Dichlorofluoromethane	67		1.604	1.598	(0.435)	130555	50.0391	50.0	
11 Trichlorofluoromethane	101		1.604	1.598	(0.435)	96660	40.3148	40.3	
12 Ethanol	45		1.781	1.781	(0.483)	6067	736.013	736 (QRM)	WP
13 Diethyl ether (Ethyl ether)	59		1.800	1.794	(0.488)	69564	52.1716	52.2	
16 1,1,2-Trichlorotrifluoroethane	101		1.928	1.922	(0.523)	67842	44.5515	44.6	
14 Acrolein	56		1.934	1.934	(0.524)	12857	55.2433	55.2	
15 1,1-Dichloroethene	96		1.952	1.946	(0.529)	62340	43.3734	43.4	
17 Acetone	43		2.043	2.037	(0.554)	22646	66.2556	66.2 (R)	
18 Iodomethane	142		2.068	2.068	(0.561)	23655	50.0077	50.0	
19 2-Propanol	45		2.799	2.793	(0.759)	292835	1356.24	1360	
20 Carbon disulfide	76		2.086	2.086	(0.565)	193966	44.3935	44.4	
21 Allyl chloride	76		2.214	2.208	(0.600)	43995	46.1691	46.2	
22 Acetonitrile	41		2.281	2.281	(0.618)	46684	303.871	304	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		REVIEW C
						ON-COLUMN (ug/L)	FINAL (ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
78 1,3-Dichloropropane	76	6.543	6.543	(0.880)	136800	53.6616	53.7	
79 2-Hexanone	43	6.634	6.634	(0.893)	49743	58.0523	58.0	
73 n-Octane	43	5.866	5.860	(1.359)	107657	50.4139	50.4 (Q)	
81 n-Butyl acetate	43	6.634	6.634	(1.537)	49743	27.2103	27.2 (Q)	
80 Dibromochloromethane	129	6.756	6.756	(0.909)	82876	52.5401	52.5	
82 1,2-Dibromoethane (EDB)	107	6.890	6.884	(1.596)	72609	50.0258	50.0	
* 83 Chlorobenzene-d5 (IS)	82	7.433	7.433	(1.000)	191224	50.0000		
84 Chlorobenzene	112	7.475	7.469	(1.006)	247539	50.1276	50.1	
86 Ethylbenzene	106	7.603	7.603	(1.023)	142607	48.6813	48.7	
85 1,1,1,2-Tetrachloroethane	131	7.615	7.616	(1.025)	79580	48.1991	48.2	
88 n-Nonane	43	7.768	7.768	(1.045)	104855	67.7855	67.8 (Q)	
87 m&p-Xylene	106	7.786	7.786	(1.048)	342419	96.5462	96.5	
89 o-Xylene	106	8.371	8.371	(1.126)	163278	47.6833	47.7	
90 Styrene	104	8.414	8.414	(1.132)	277565	48.4565	48.4	
91 Bromoform	173	8.652	8.652	(1.164)	48903	59.1815	59.2	
92 Isopropylbenzene (Cumene)	105	8.816	8.817	(0.875)	433649	44.5645	44.6	
§ 93 4-Bromofluorobenzene (S)	95	9.024	9.024	(1.214)	175042	47.4648	47.5	
94 Bromobenzene	156	9.152	9.152	(0.909)	98603	47.6551	47.6	
95 1,1,2,2-Tetrachloroethane	83	9.249	9.249	(0.918)	94451	51.3062	51.3	
98 n-Propylbenzene	91	9.255	9.255	(0.919)	519430	44.4483	44.4	
96 1,2,3-Trichloropropane	110	9.280	9.280	(0.921)	27269	49.3910	49.4 (Q)	
97 trans-1,4-Dichloro-2-butene	53	9.316	9.316	(0.925)	23938	43.9184	43.9	
103 n-Decane	43	9.426	9.426	(1.268)	129704	95.8678	95.9 (Q)	
99 2-Chlorotoluene	91	9.347	9.341	(0.928)	316294	45.2083	45.2	
100 4-Ethyltoluene	105	9.377	9.377	(0.931)	440154	44.2247	44.2	
101 1,3,5-Trimethylbenzene	105	9.444	9.444	(0.938)	349842	43.3328	43.3	
102 4-Chlorotoluene	91	9.463	9.457	(0.939)	352571	44.5164	44.5	
104 tert-Butylbenzene	119	9.719	9.719	(0.965)	293460	42.9044	42.9	
105 Pentachloroethane	167	9.755	9.755	(0.969)	55399	50.8085	50.8	
106 1,2,4-Trimethylbenzene	105	9.774	9.774	(0.970)	349361	43.4129	43.4	
107 sec-Butylbenzene	105	9.908	9.908	(0.984)	426347	41.5384	41.5	
109 d-Limonene	136	9.975	9.975	(1.342)	12316	34.2288	34.2	
110 p-Isopropyltoluene	119	10.036	10.036	(0.996)	354637	40.6266	40.6	
108 1,3-Dichlorobenzene	146	10.011	10.011	(0.994)	182558	46.3206	46.3	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	10.072	10.072	(1.000)	171555	50.0000		
112 1,4-Dichlorobenzene	146	10.097	10.091	(1.002)	186464	46.2504	46.2	
113 1,2,3-Trimethylbenzene	105	10.121	10.121	(1.005)	358196	43.3419	43.3	
114 Benzyl chloride	91	10.231	10.231	(1.016)	93380	27.9200	27.9	
115 trans-Decalin	138	10.298	10.298	(1.022)	56177	41.4443	41.4	
116 1,4-Diethylbenzene	119	10.359	10.359	(1.028)	198659	41.3299	41.3	
117 n-Butylbenzene	91	10.377	10.377	(1.030)	389451	40.5847	40.6	
119 n-Undecane	43	10.450	10.450	(1.038)	136208	154.148	154 (Q)	
118 1,2-Dichlorobenzene	146	10.408	10.408	(1.033)	169340	46.2645	46.3	
120 cis-Decalin	138	10.822	10.822	(1.074)	42364	40.1943	40.2	
121 1,2,4,5-tetramethylbenzene	119	11.121	11.121	(1.104)	281966	39.1539	39.2	
122 1,2-Dibromo-3-chloropropane	75	11.212	11.212	(1.113)	13881	44.6751	44.7	
123 n-Dodecane	43			Compound Not Detected.				(Q)
124 1,2,4-Trichlorobenzene	180	12.200	12.200	(1.211)	82409	43.9771	44.0	
125 Hexachloro-1,3-butadiene	225	12.389	12.395	(1.230)	36500	47.8439	47.8	
126 Naphthalene	128	12.566	12.572	(1.248)	193885	44.6623	44.7	
127 1,2,3-Trichlorobenzene	180	12.968	12.968	(1.287)	62950	44.2024	44.2	

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D
Report Date: 11-Mar-2021 10:40

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Review Codes Legend

:
WP: Indicates that the wrong peak was chosen (i.e. The surrogate peak was misidentified by the computer system).

Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D
Report Date: 11-Mar-2021 10:40

Pace Analytical Services, Inc.

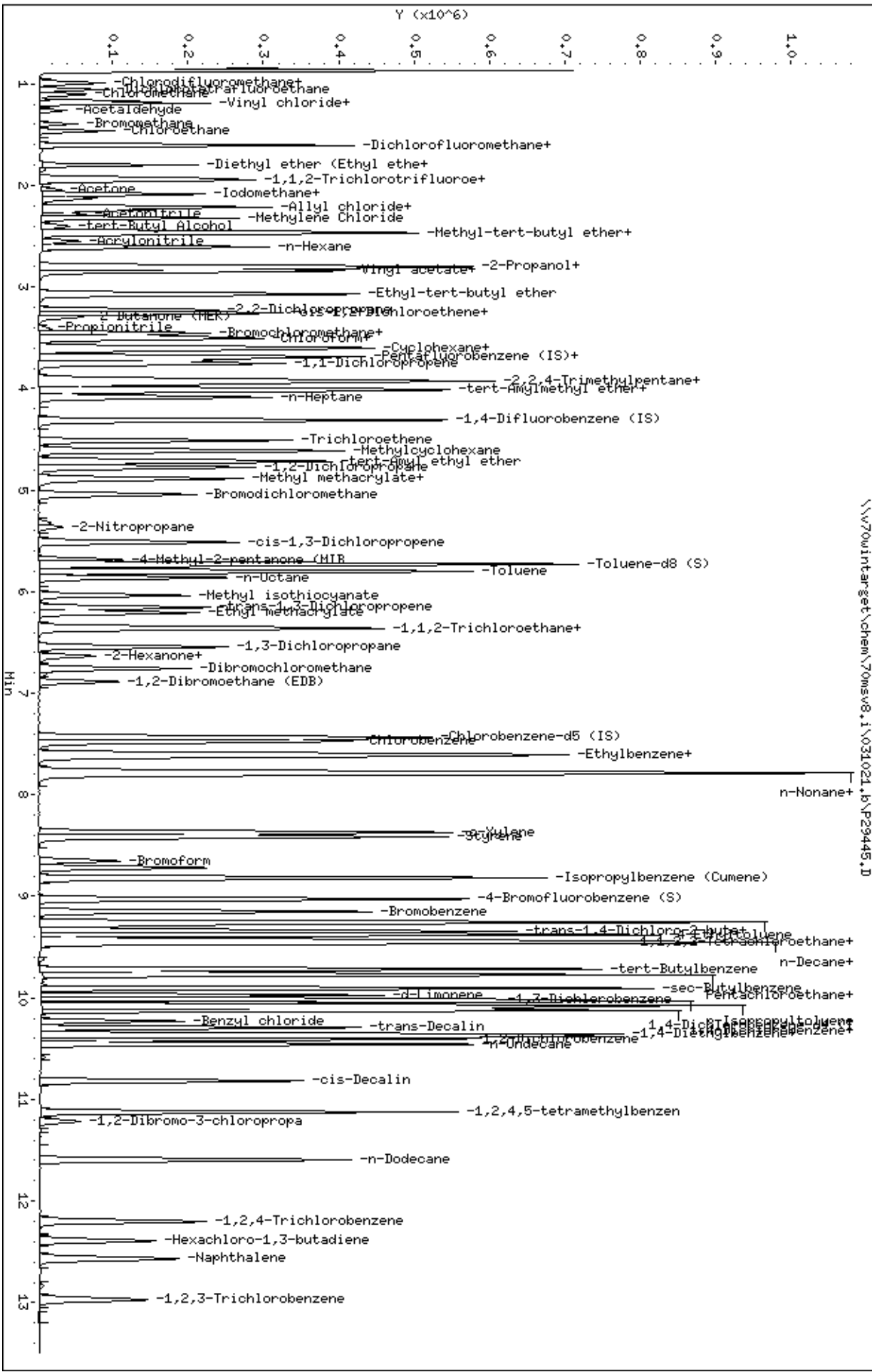
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Data file : \\v70wintarget\chem\70msv8.i\031021.b\P29445.D
Lab Smp Id: 982106 Client Smp ID: MW-14 MS/MSDMSD
Inj Date : 10-MAR-2021 18:42 MS Autotune Date: 07-JUL-2020 12:1
Operator : BBL Inst ID: 70msv8.i
Smp Info : 982106, 106905:1.25
Misc Info : 11195,
Comment :
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Meth Date : 11-Mar-2021 09:27 mferrari Quant Type: ISTD
Cal Date : 07-JUL-2020 19:31 Cal File: P24787.D
Als bottle: 26 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\70win\target\chem\70msv8.1\031021.b\F29445.D
 Date: 10-MAR-2021 18:42
 Client ID: MW-14 HS/HSDMSD
 Sample Info: 982106, 106905:1.25
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv8.1
 Operator: BBL
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

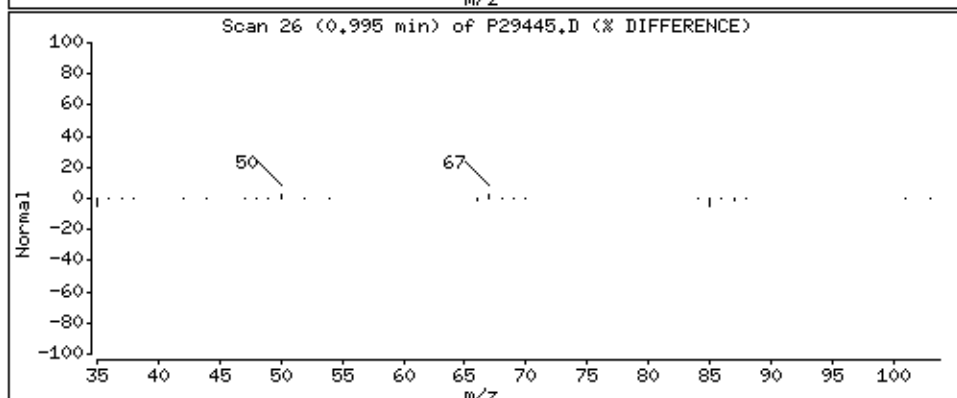
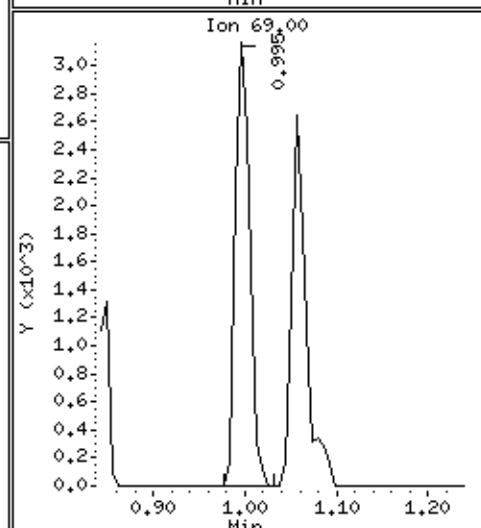
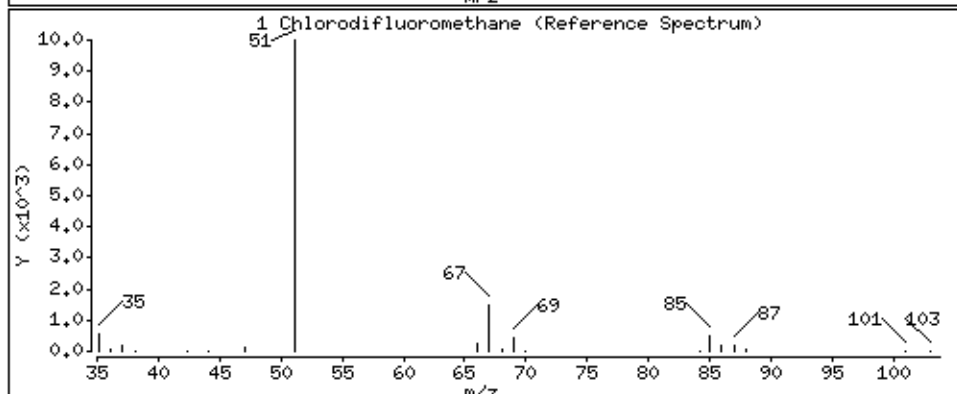
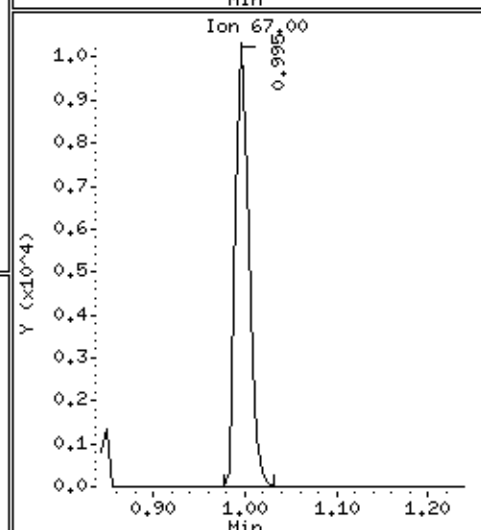
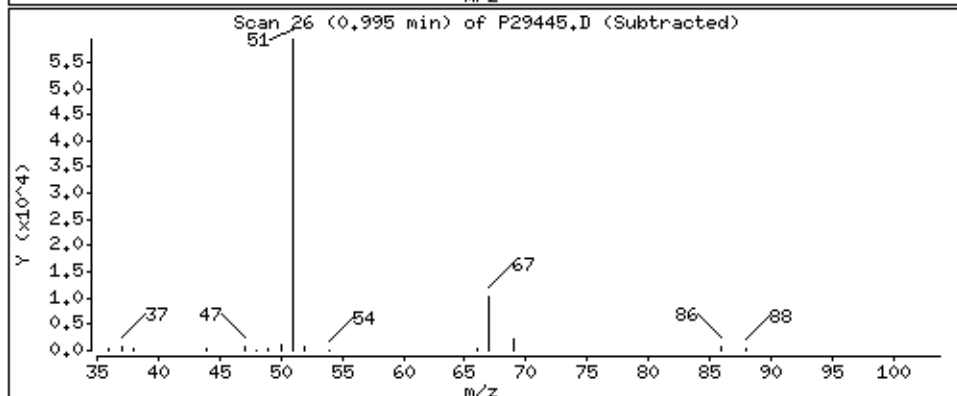
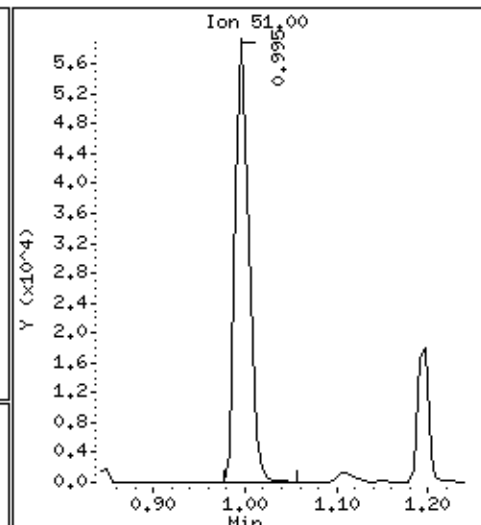
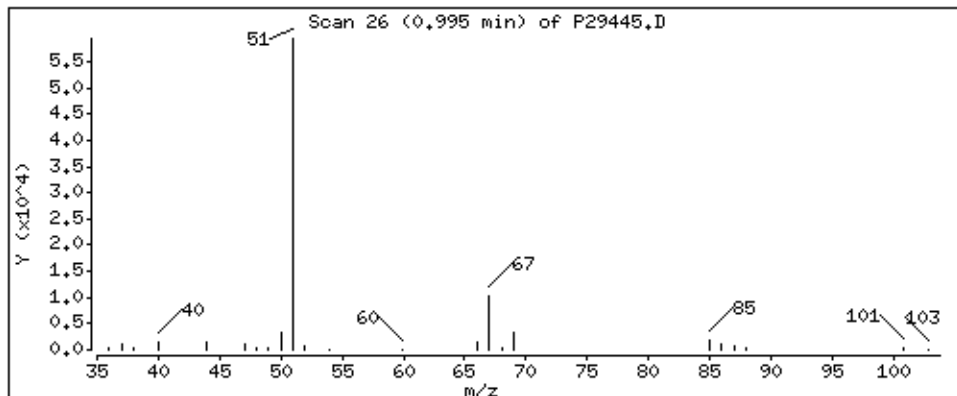
Column phase: RTX-624

Column diameter: 0,18

1 Chlorodifluoromethane

Concentration: 36,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDHSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5,0

Operator: BBL

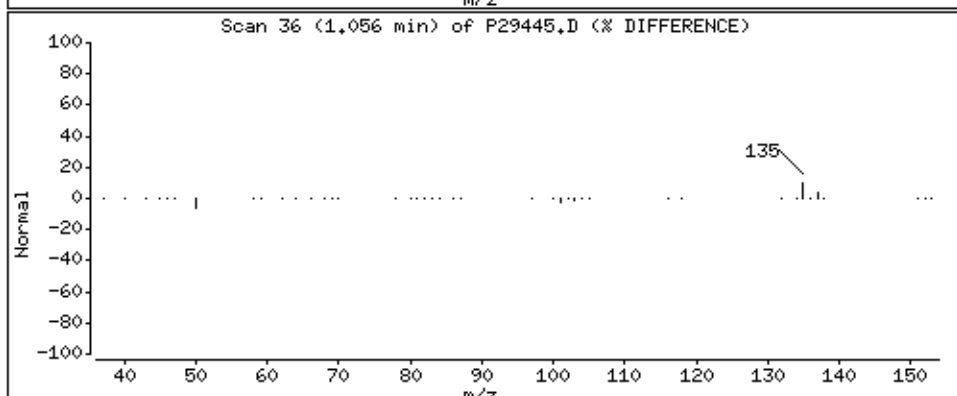
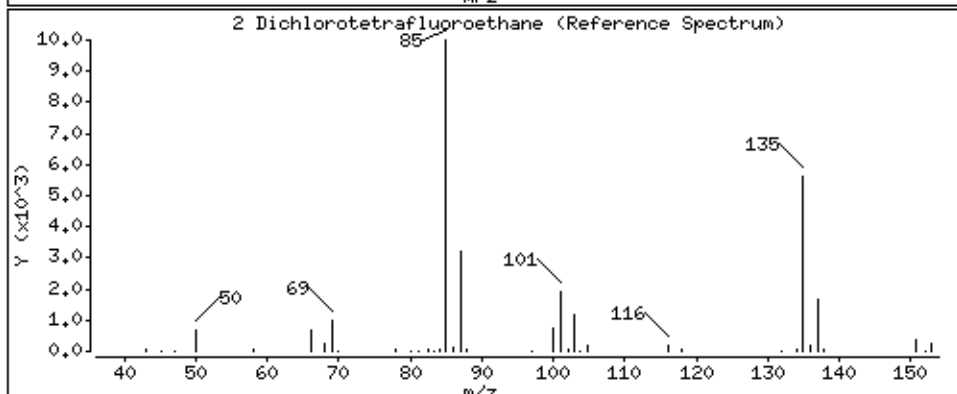
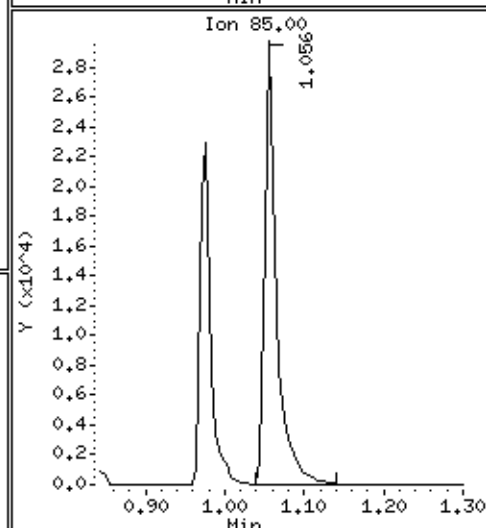
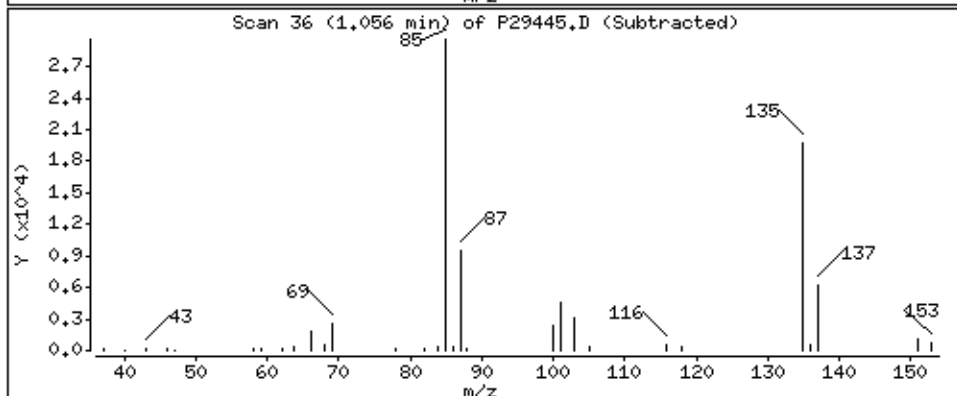
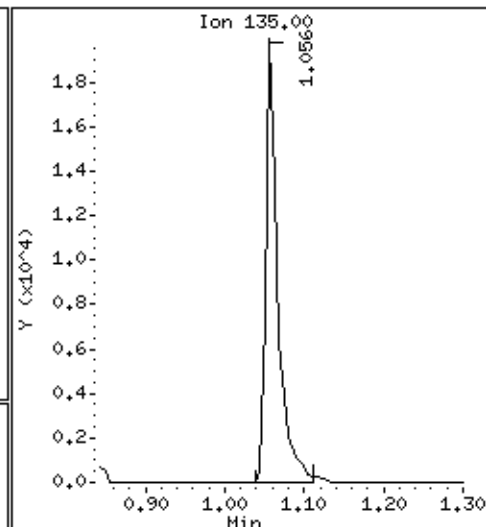
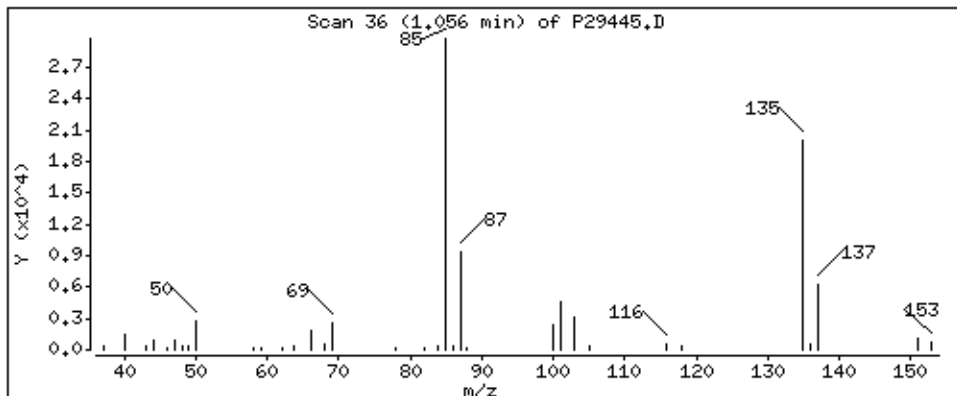
Column phase: RTX-624

Column diameter: 0,18

2 Dichlorotetrafluoroethane

Concentration: 23,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

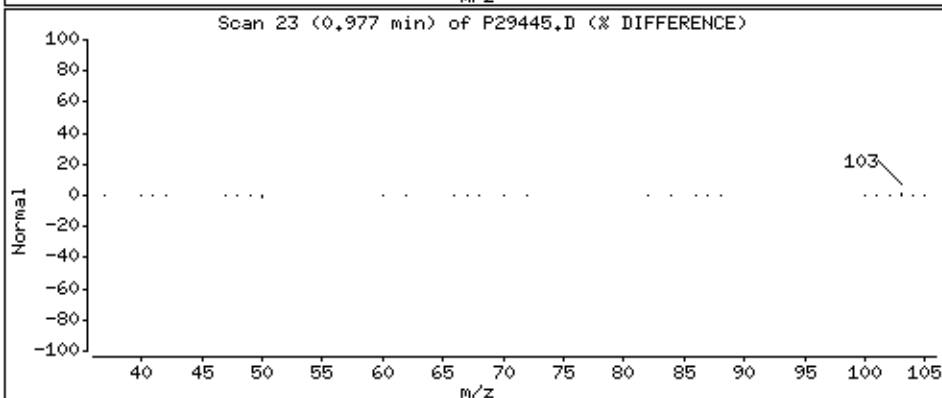
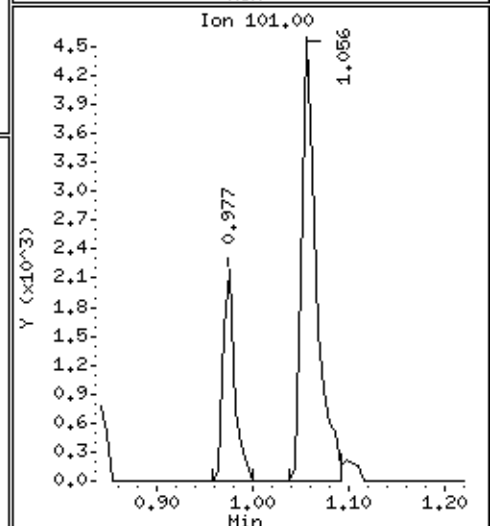
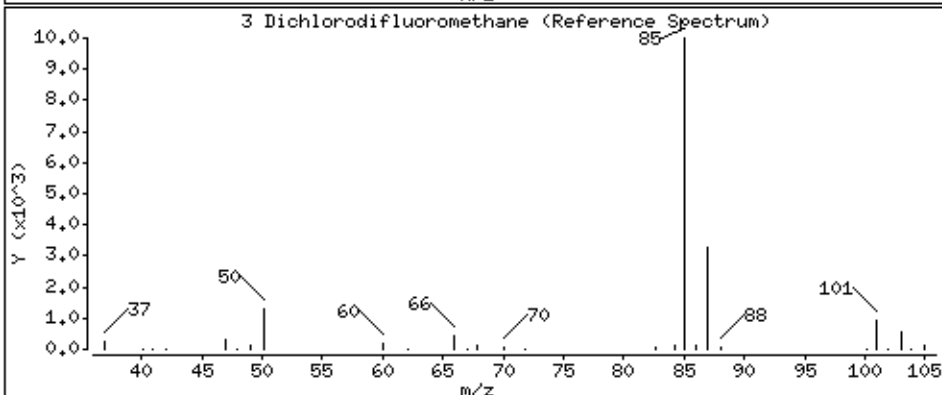
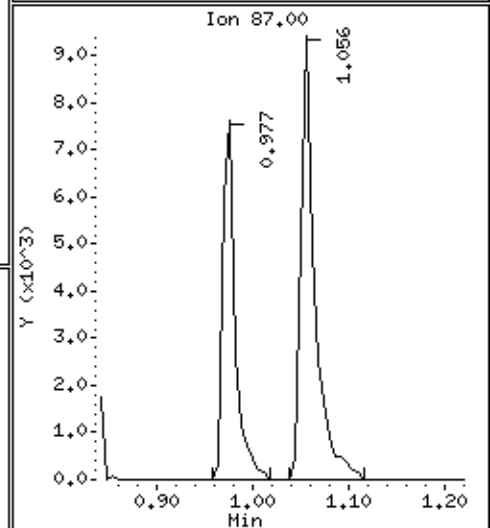
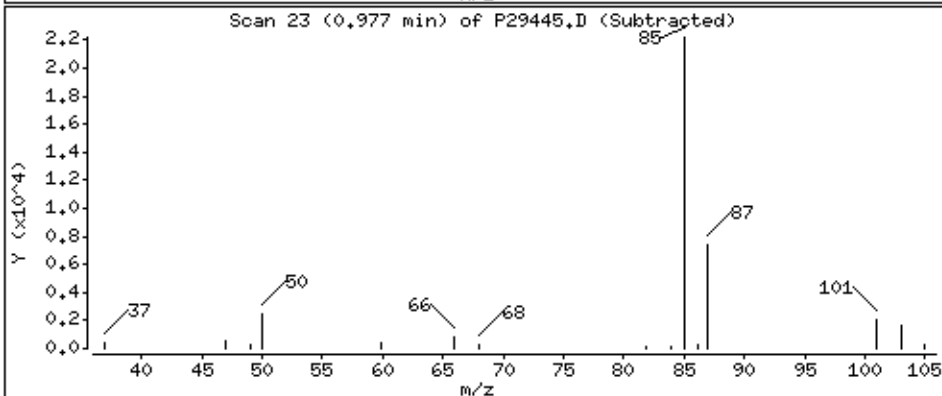
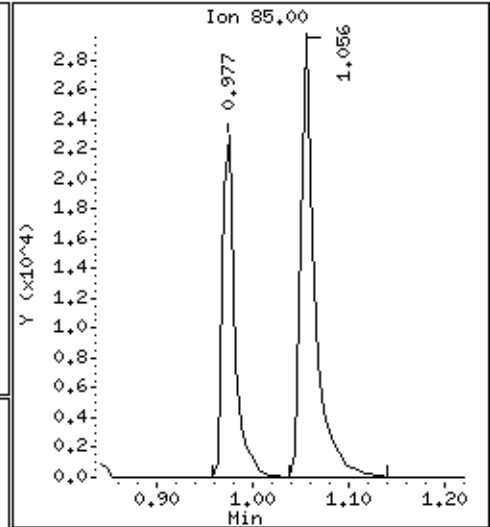
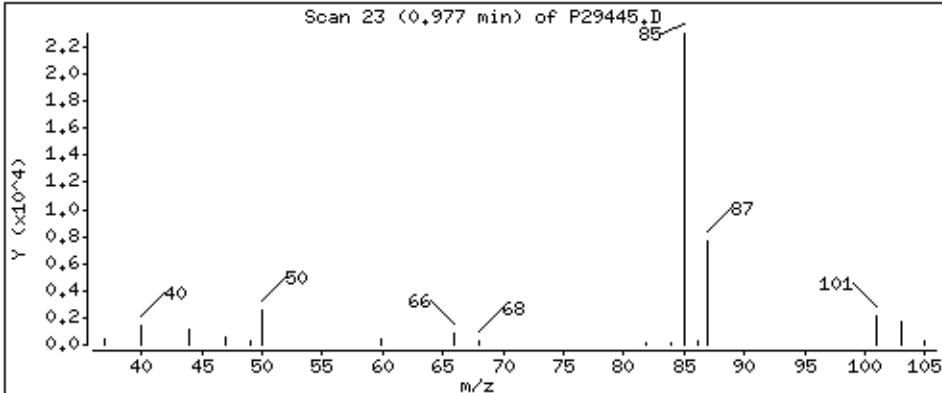
Column phase: RTX-624

Column diameter: 0,18

3 Dichlorodifluoromethane

Concentration: 12.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

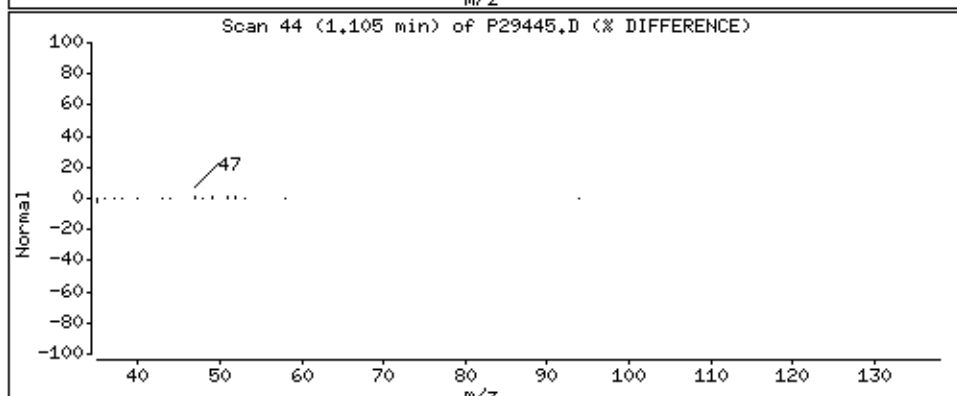
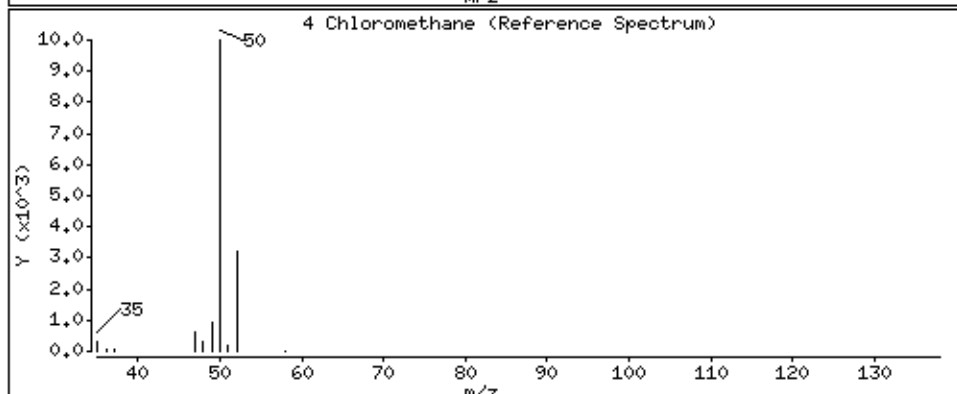
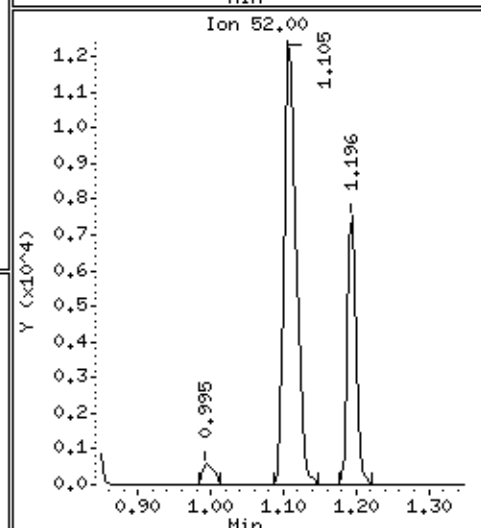
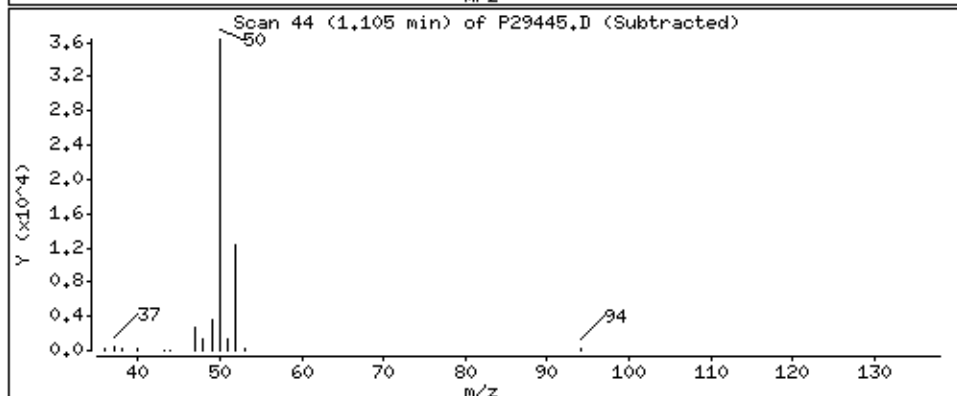
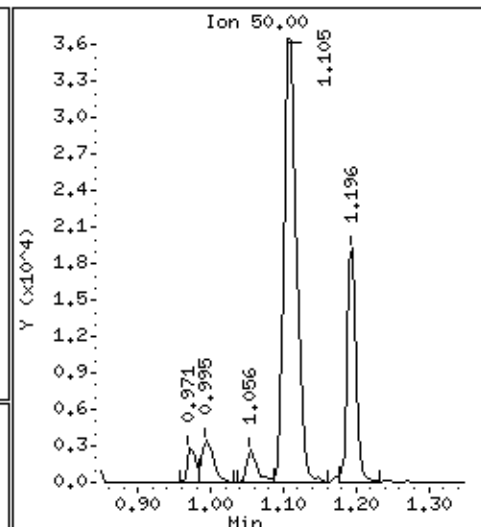
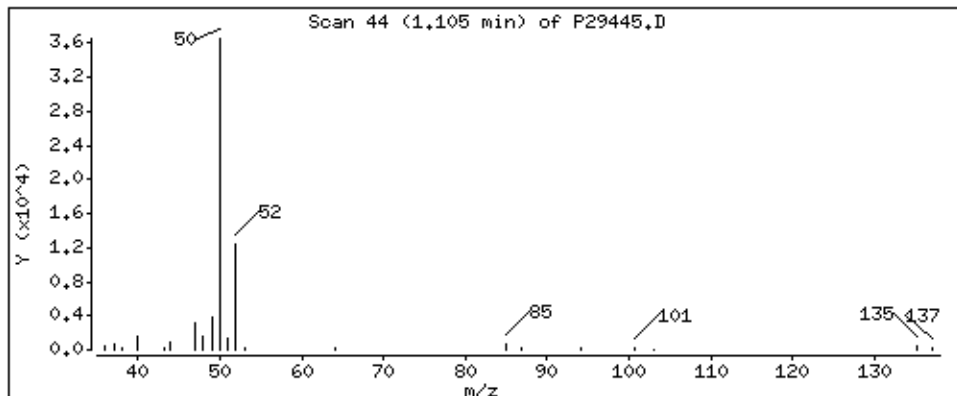
Column phase: RTX-624

Column diameter: 0,18

4 Chloromethane

Concentration: 41.6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

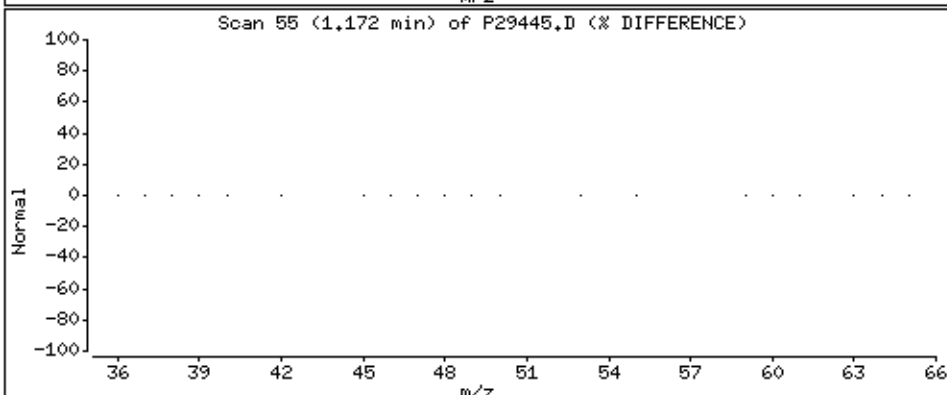
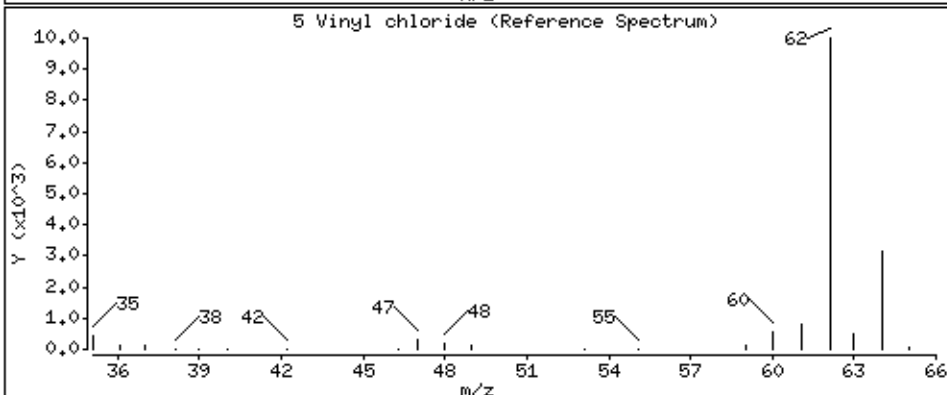
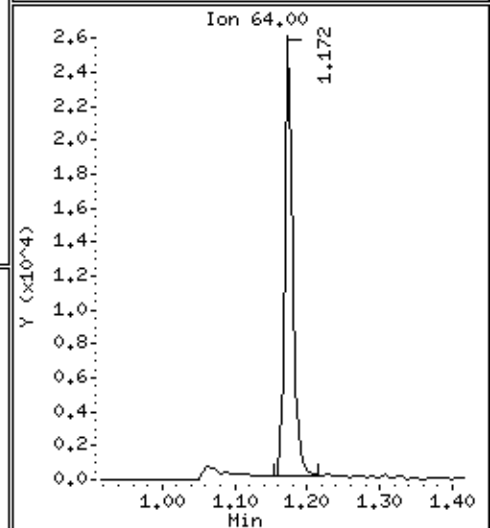
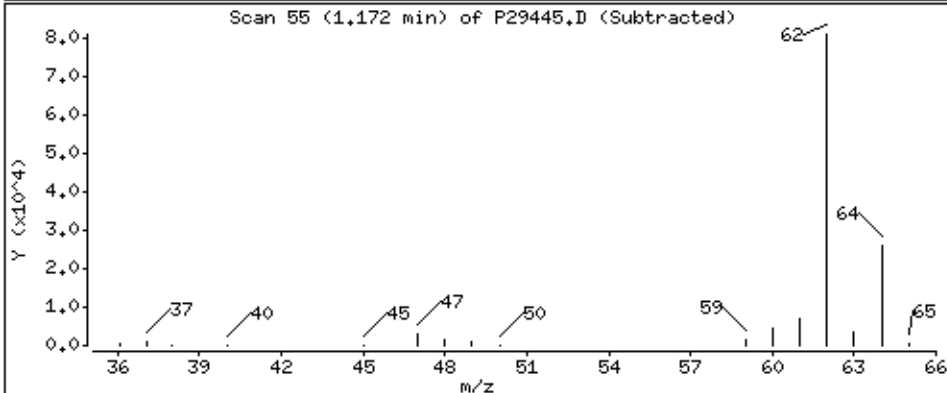
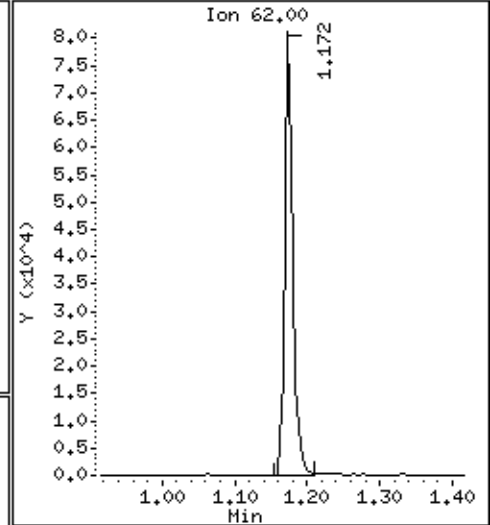
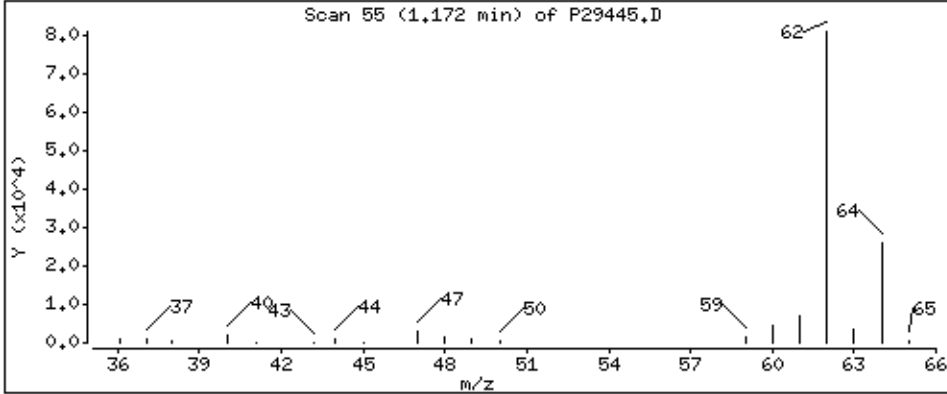
Column phase: RTX-624

Column diameter: 0.18

5 Vinyl chloride

Concentration: 52.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

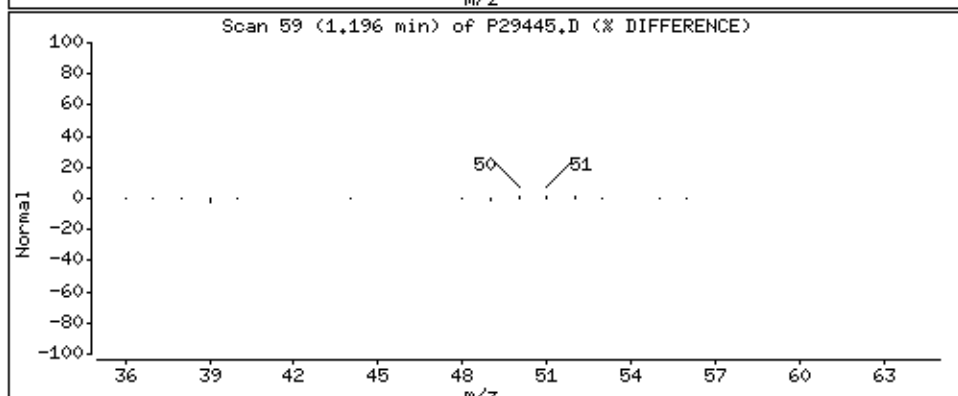
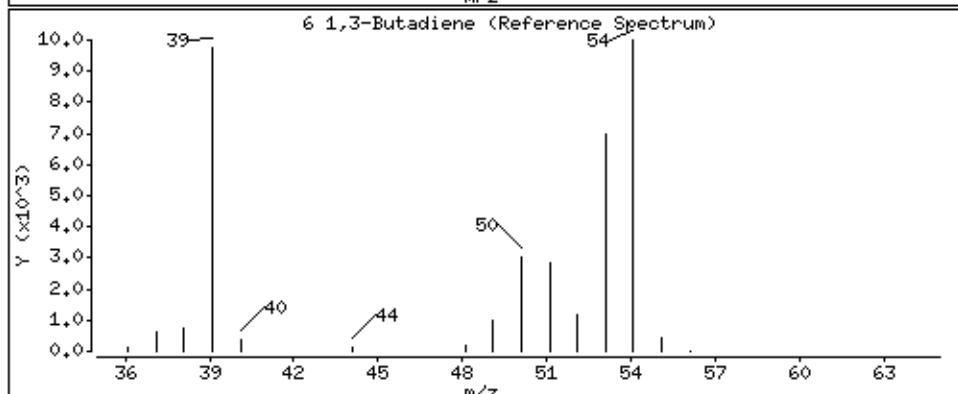
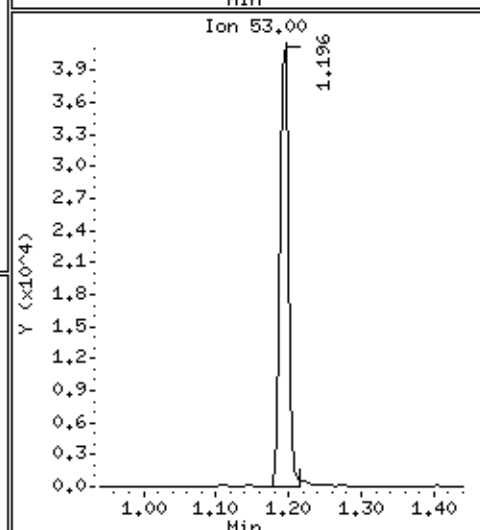
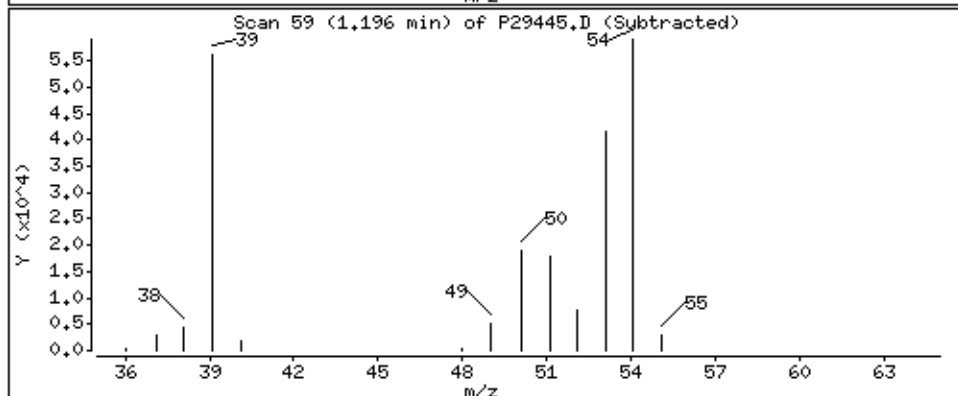
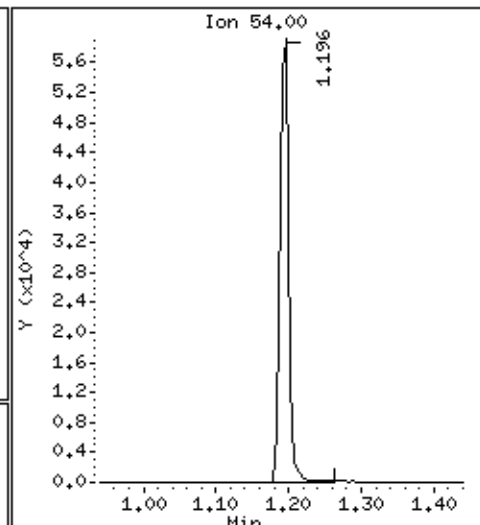
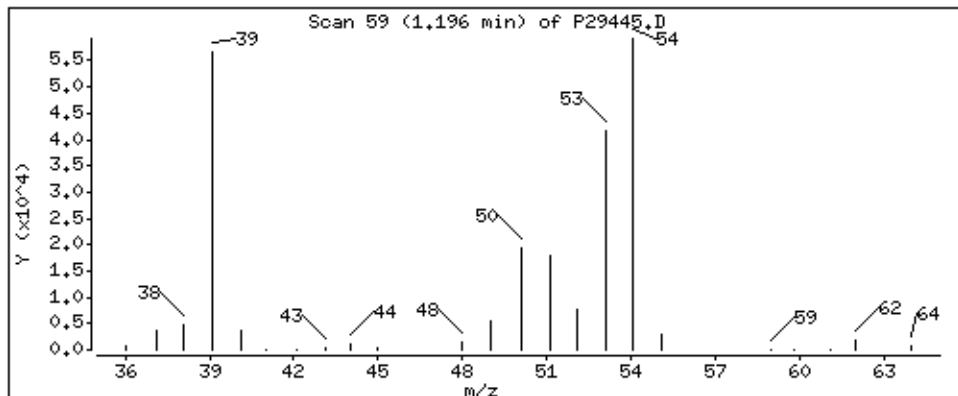
Column phase: RTX-624

Column diameter: 0,18

6 1,3-Butadiene

Concentration: 39,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

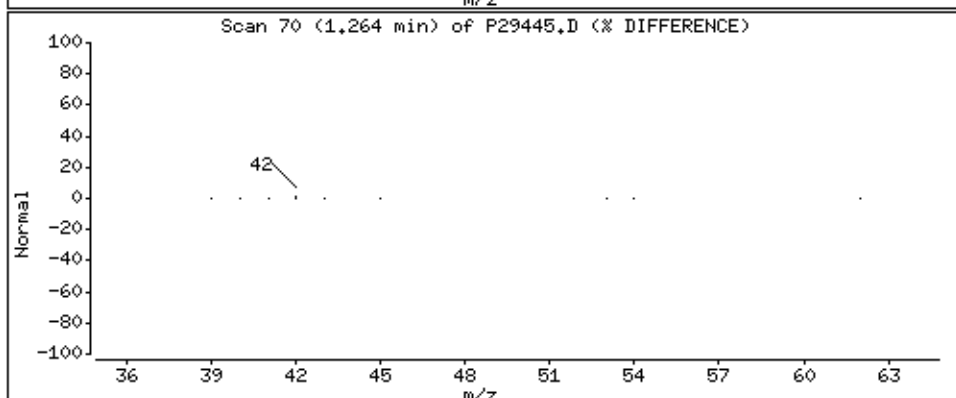
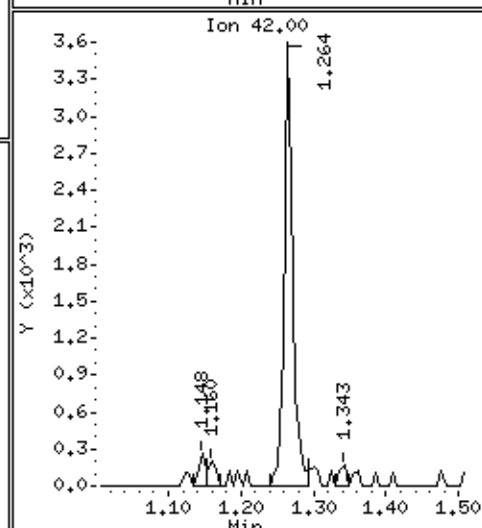
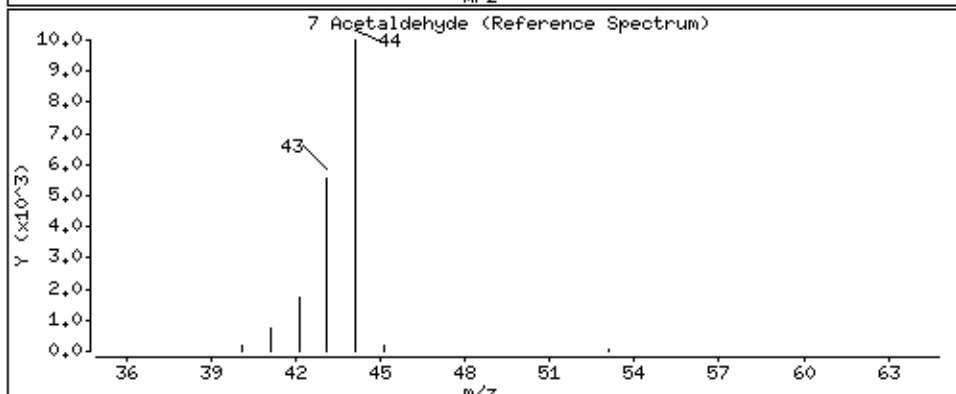
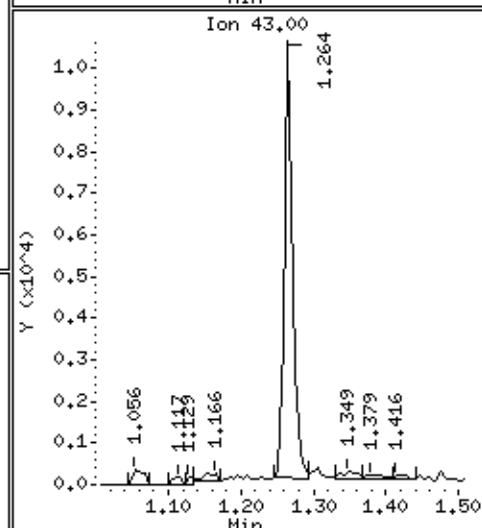
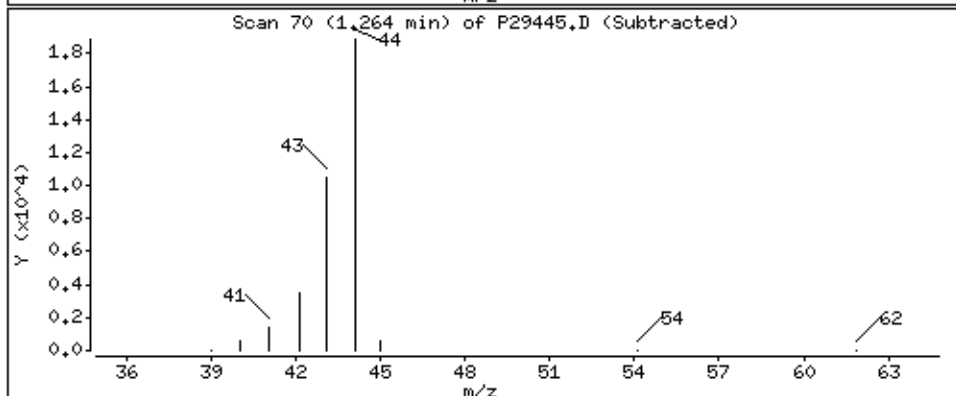
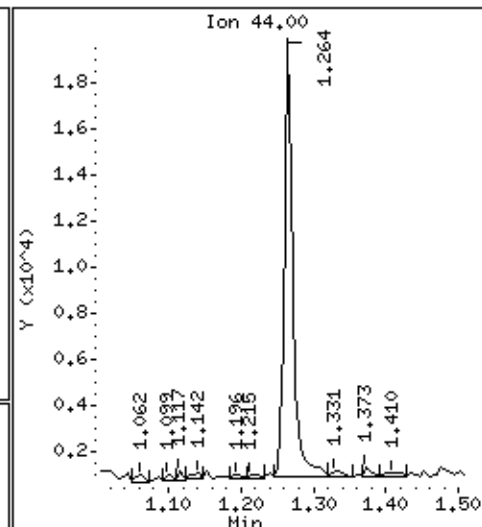
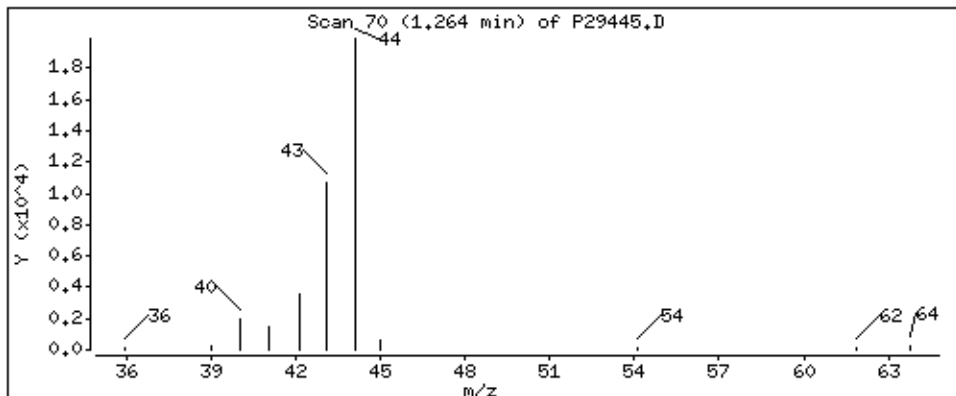
Column phase: RTX-624

Column diameter: 0.18

7 Acetaldehyde

Concentration: 101 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

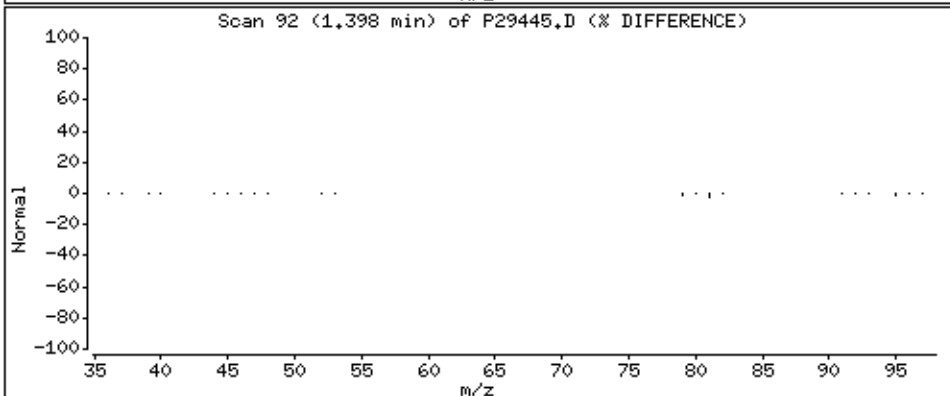
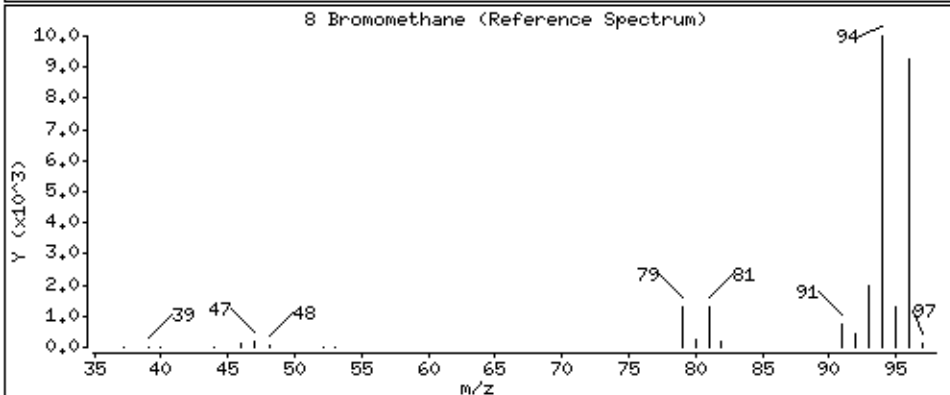
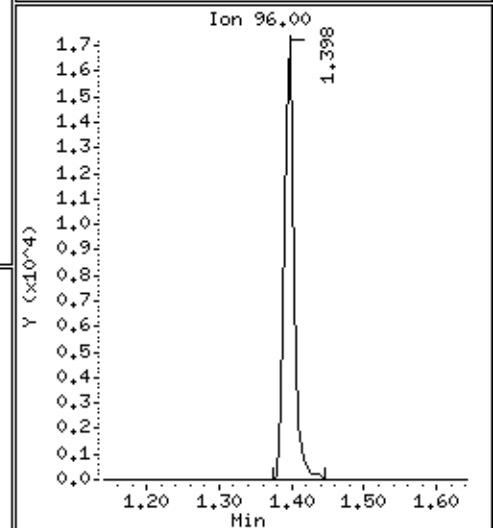
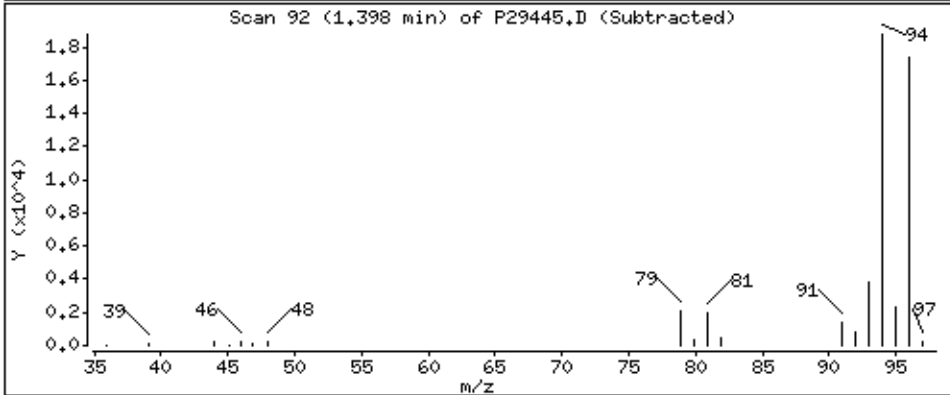
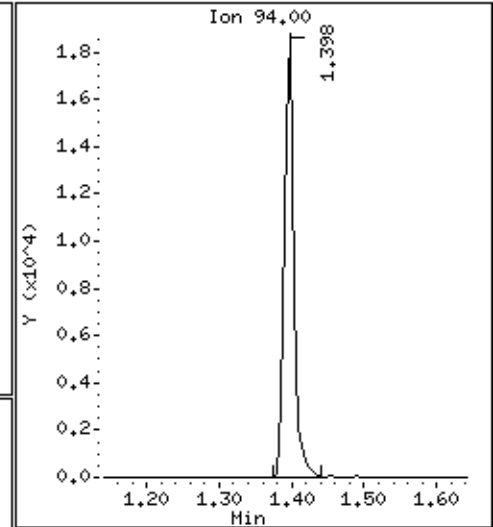
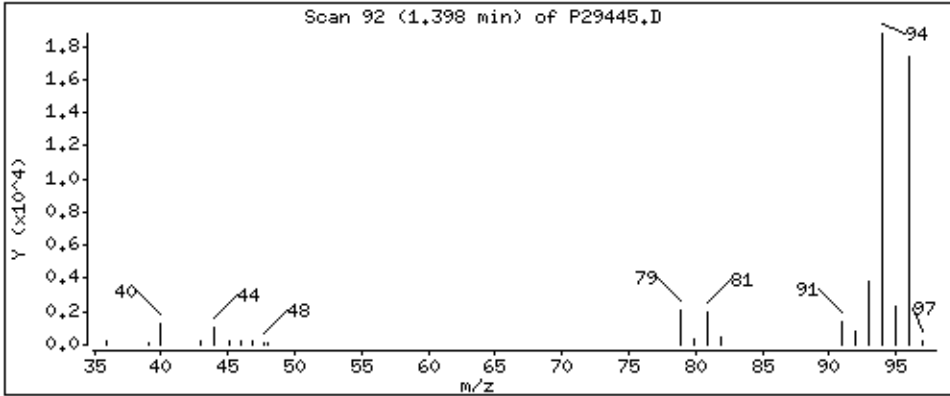
Column phase: RTX-624

Column diameter: 0.18

8 Bromomethane

Concentration: 73.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

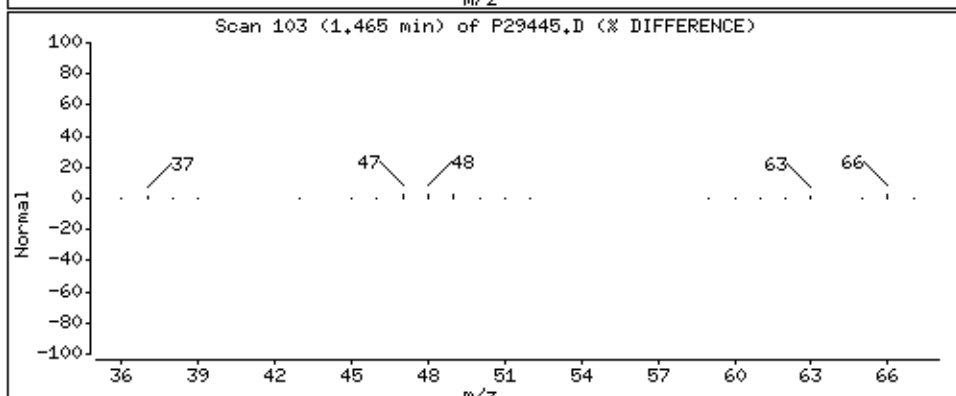
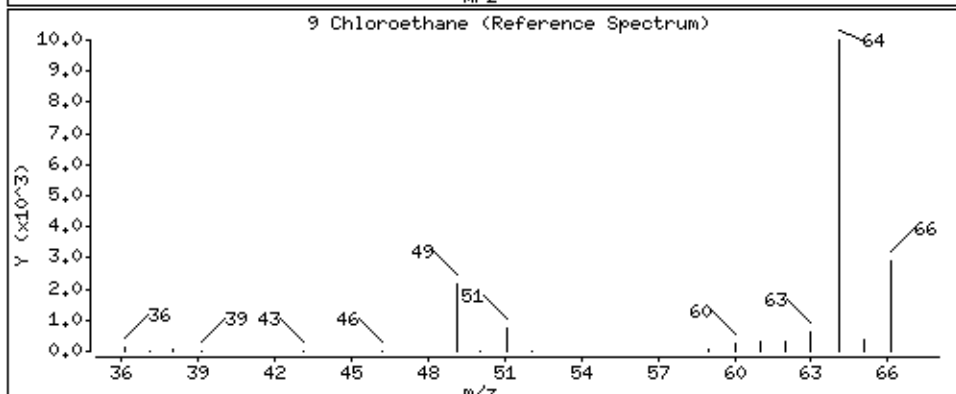
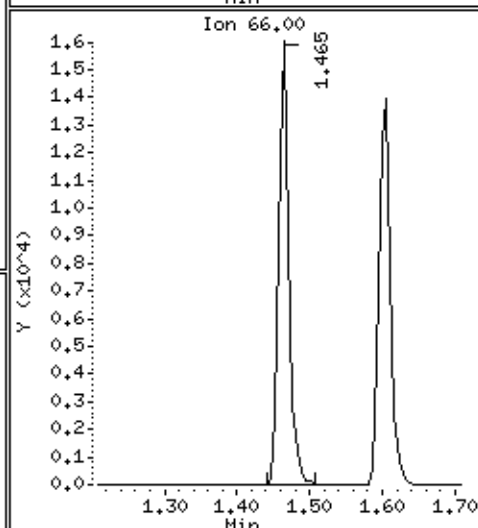
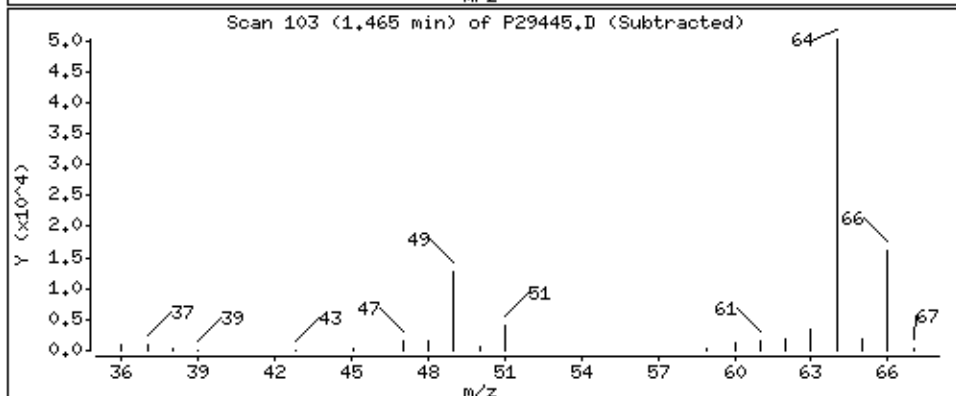
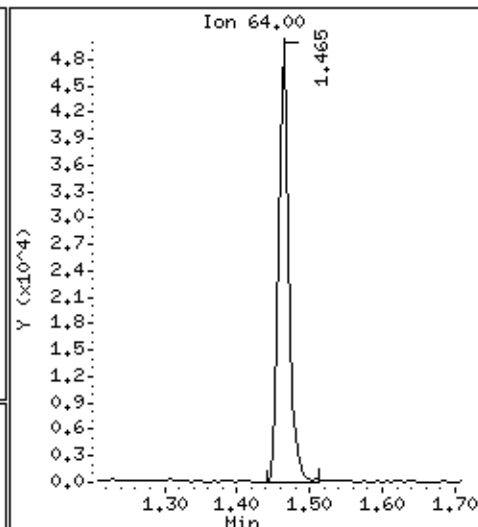
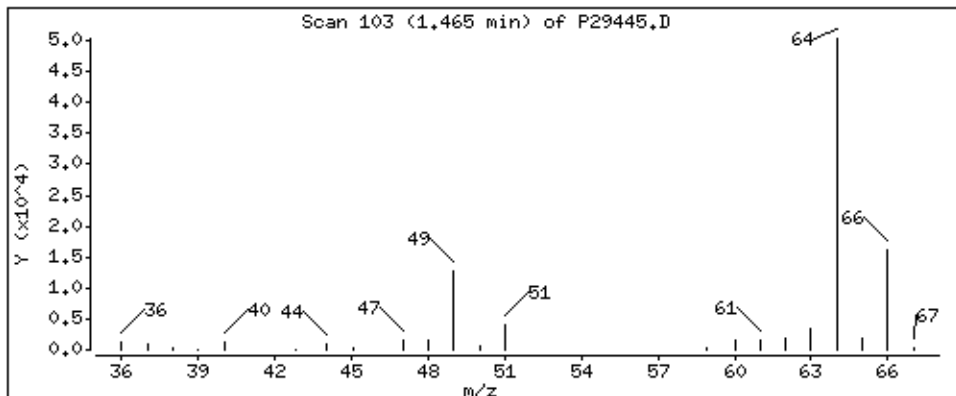
Column phase: RTX-624

Column diameter: 0,18

9 Chloroethane

Concentration: 49,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

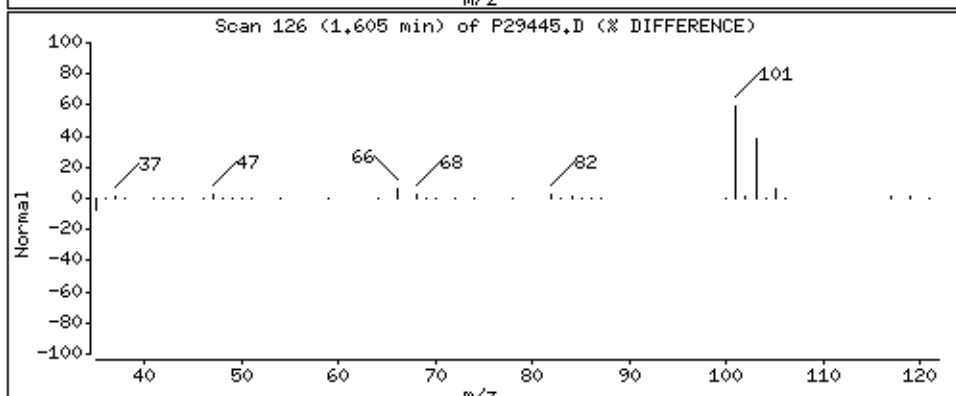
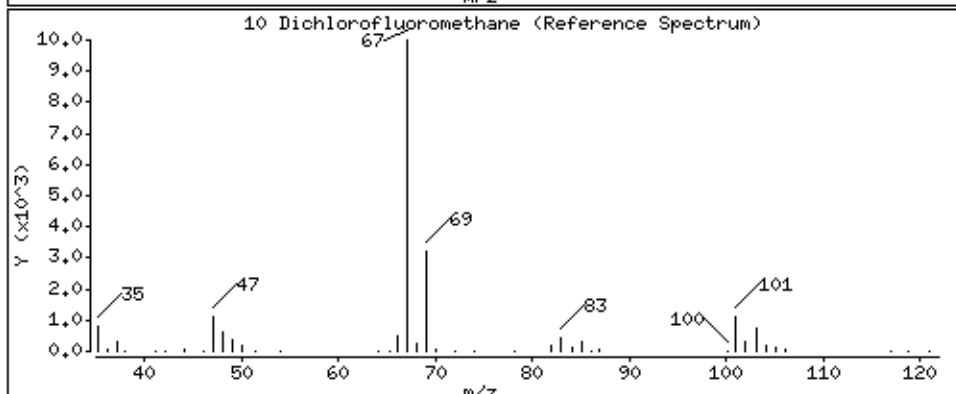
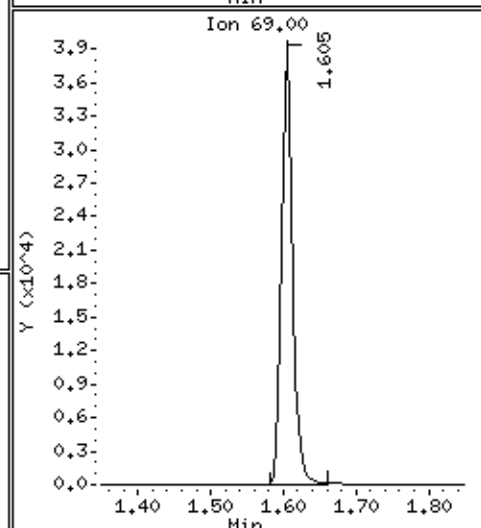
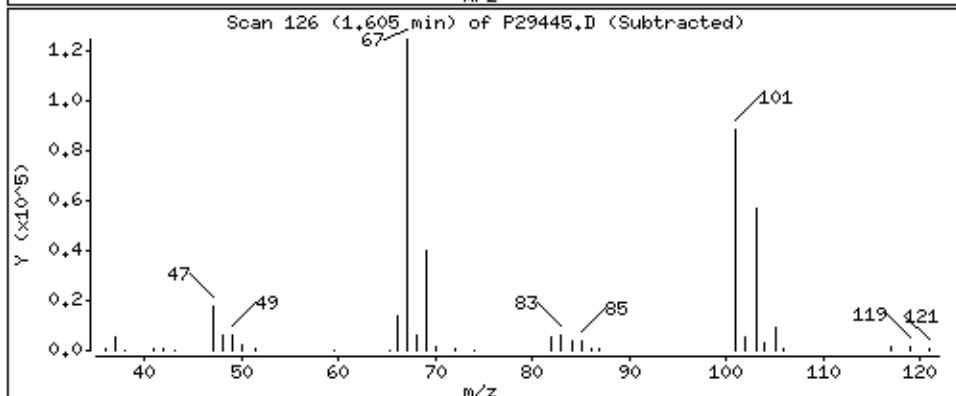
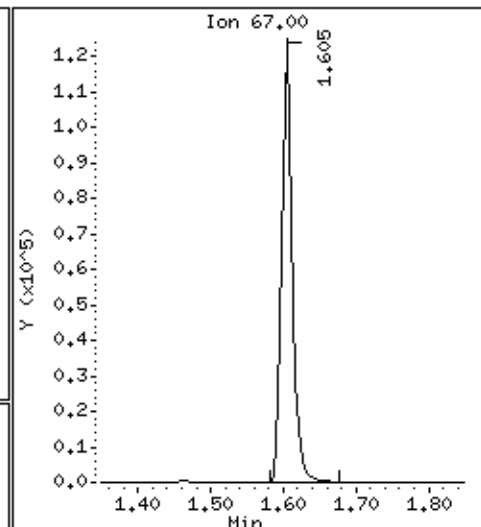
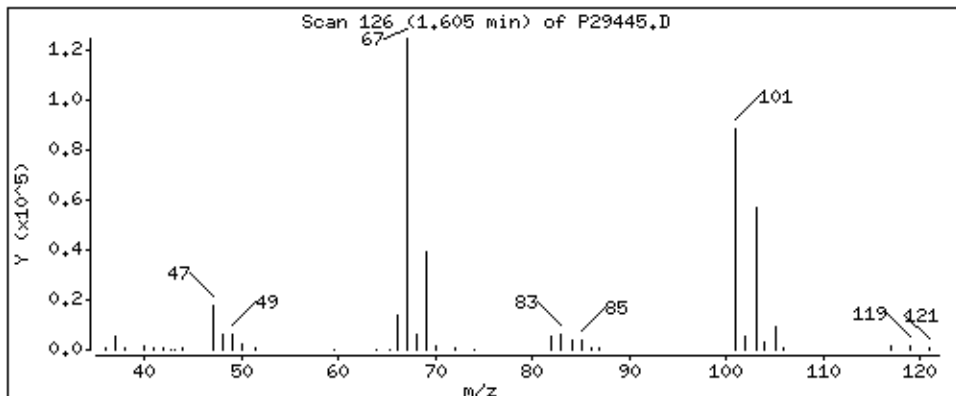
Column phase: RTX-624

Column diameter: 0,18

10 Dichlorofluoromethane

Concentration: 50,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

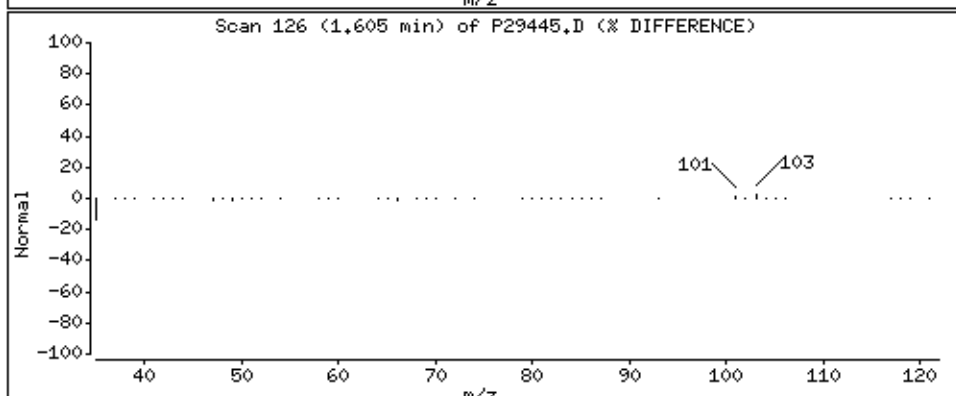
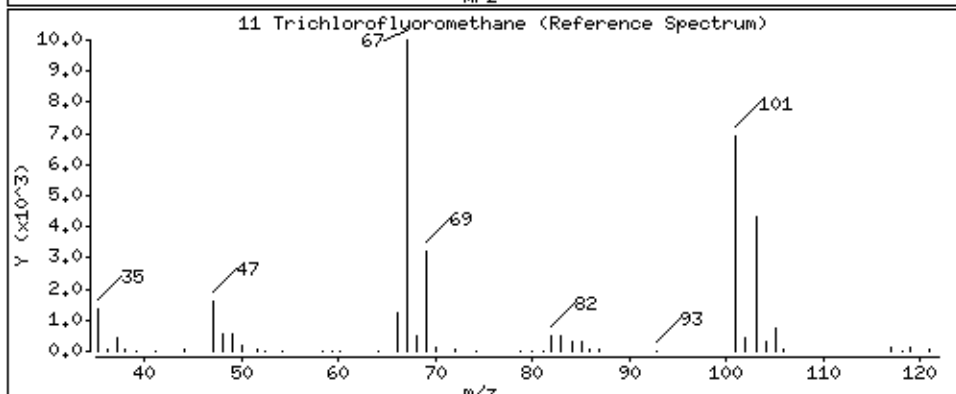
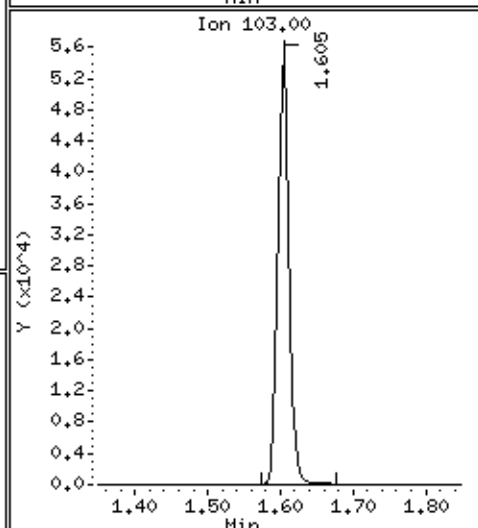
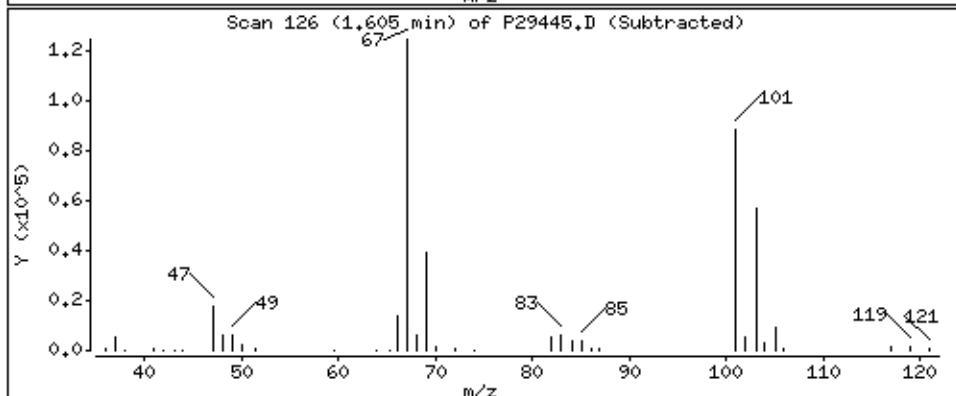
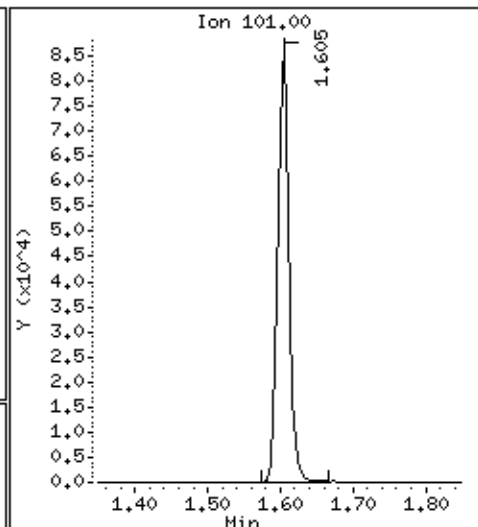
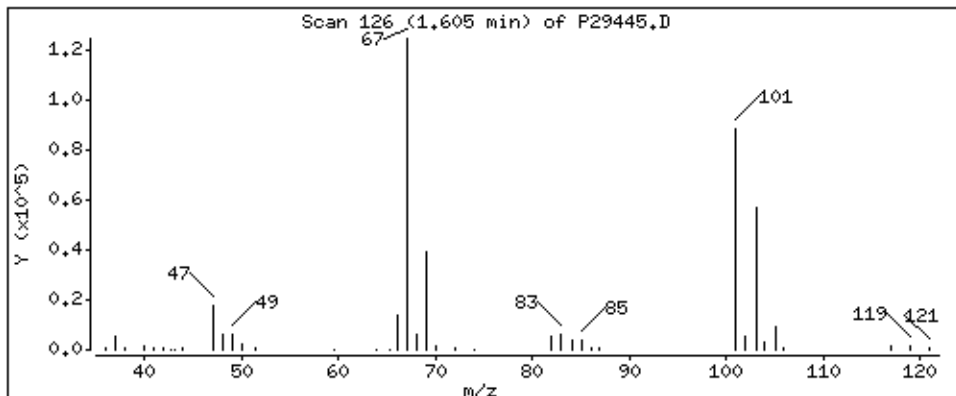
Column phase: RTX-624

Column diameter: 0,18

11 Trichlorofluoromethane

Concentration: 40,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

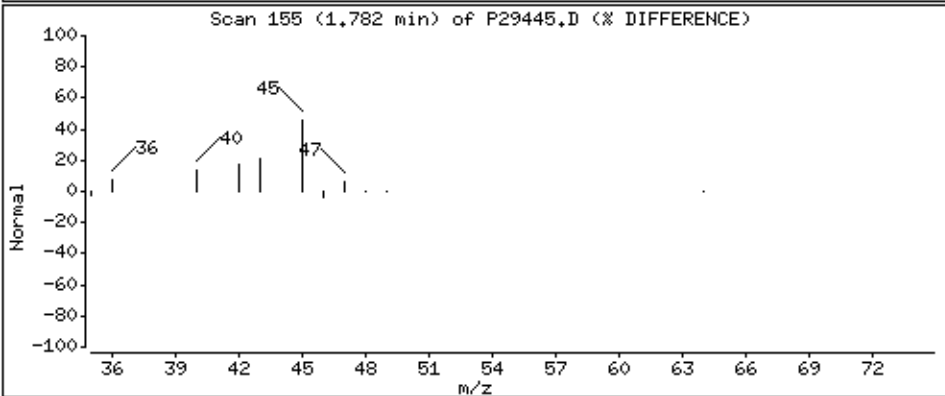
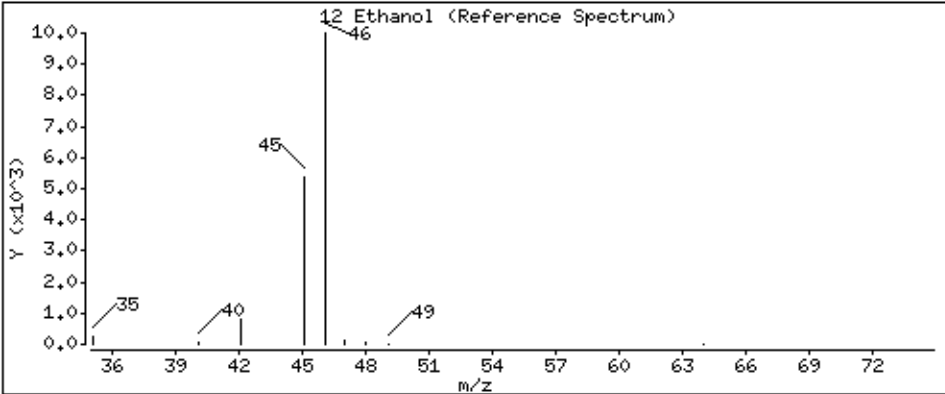
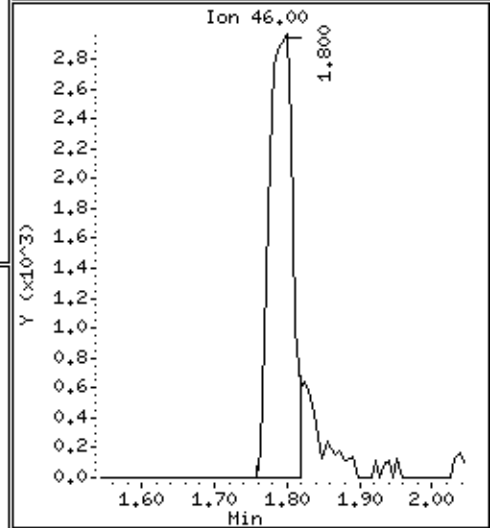
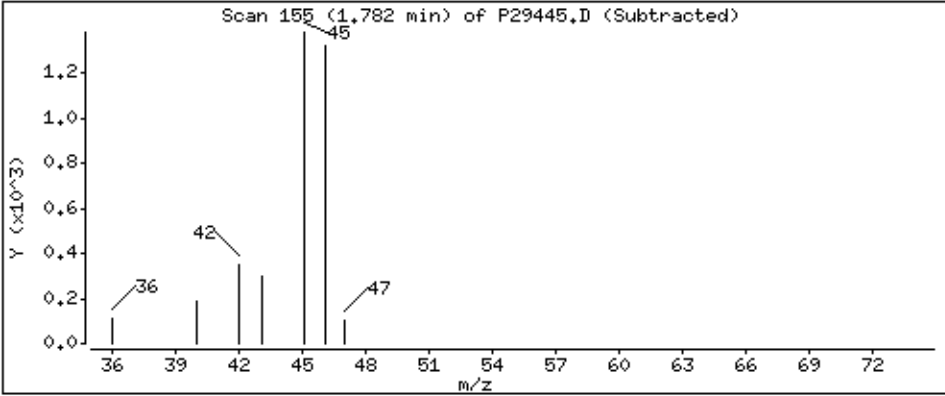
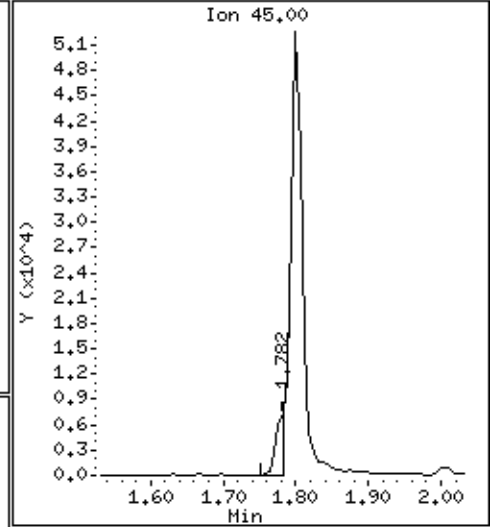
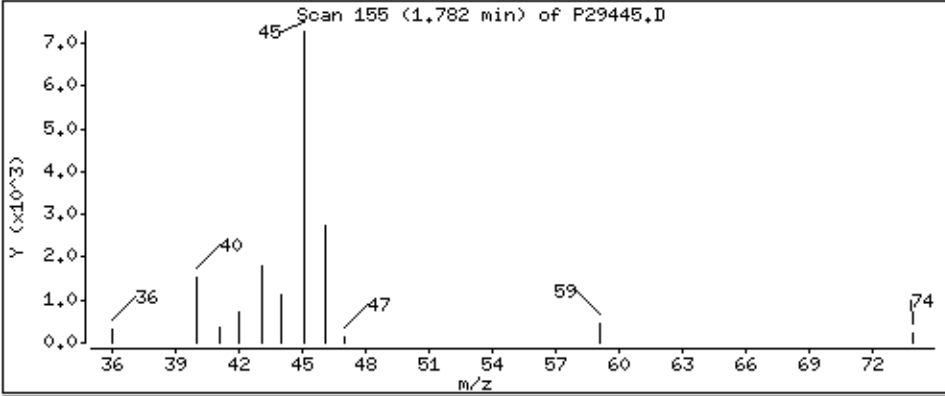
Column phase: RTX-624

Column diameter: 0.18

12 Ethanol

Concentration: 736 ug/L

Review Code: WP



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

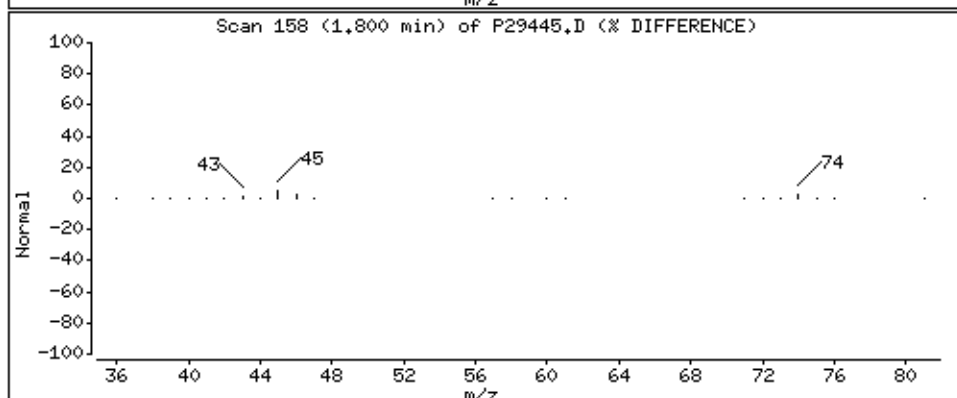
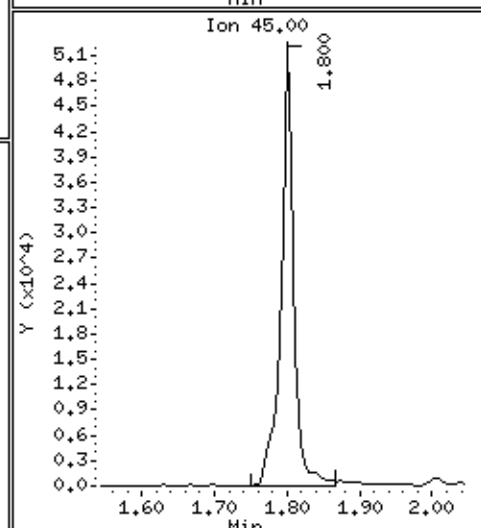
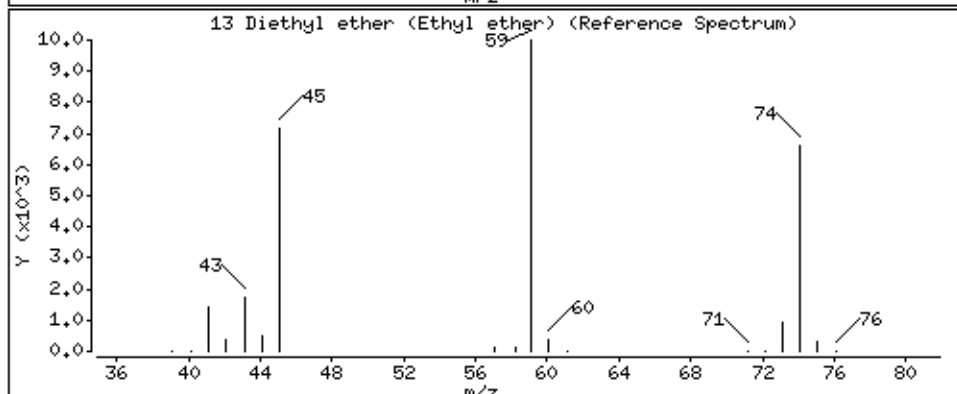
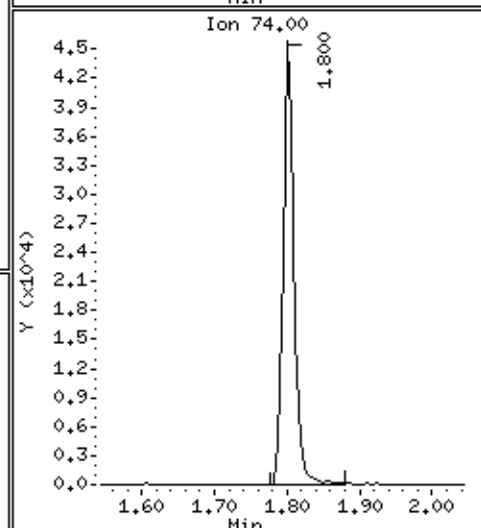
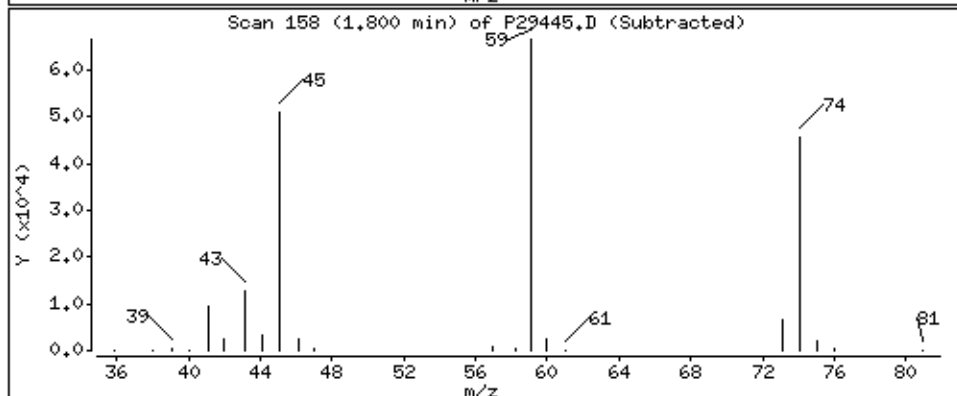
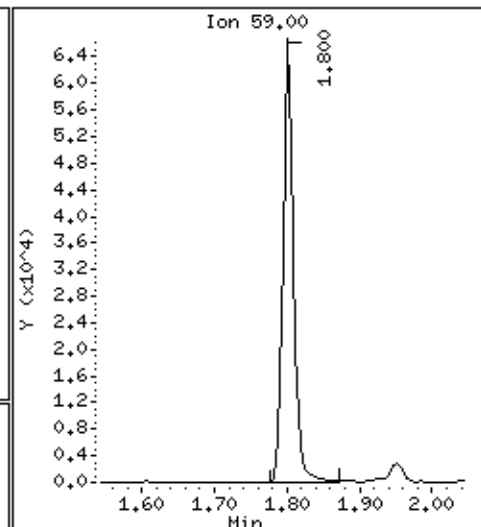
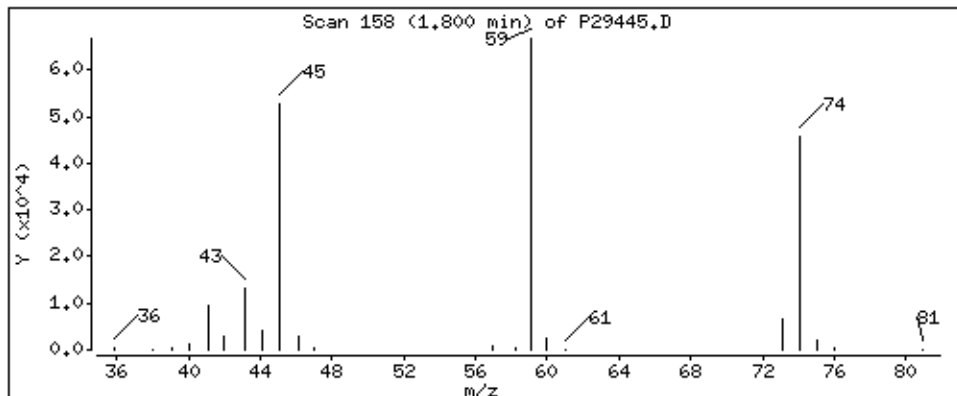
Column phase: RTX-624

Column diameter: 0.18

13 Diethyl ether (Ethyl ether)

Concentration: 52.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

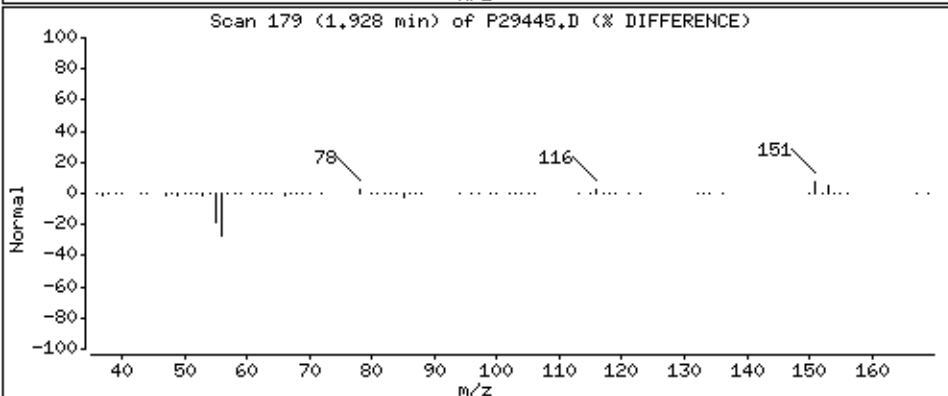
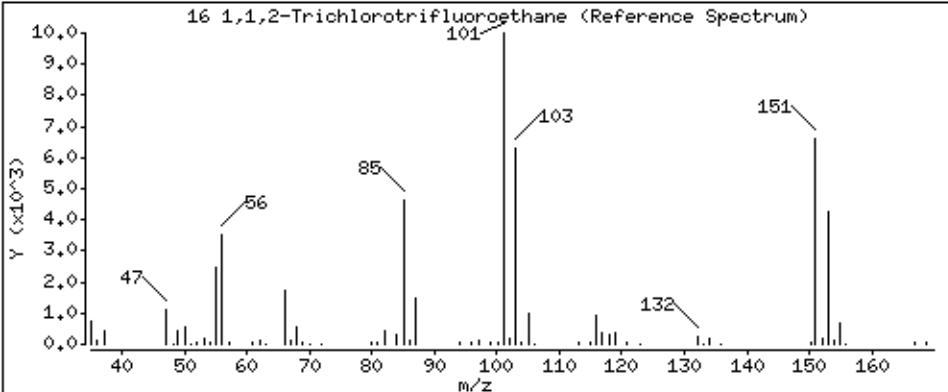
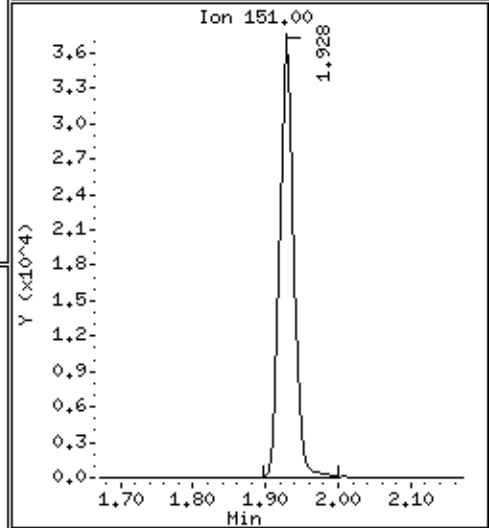
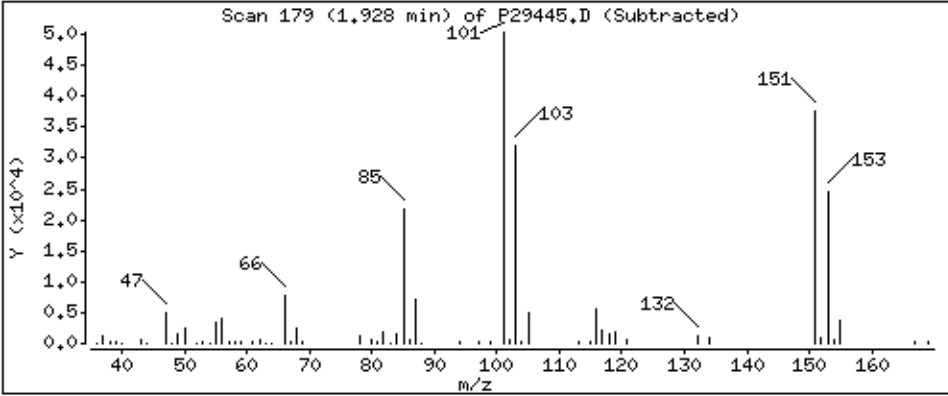
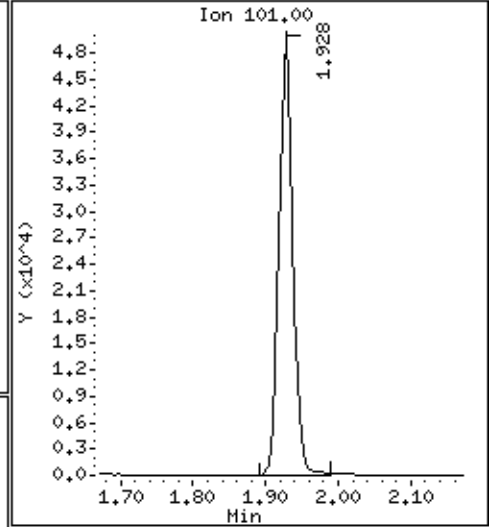
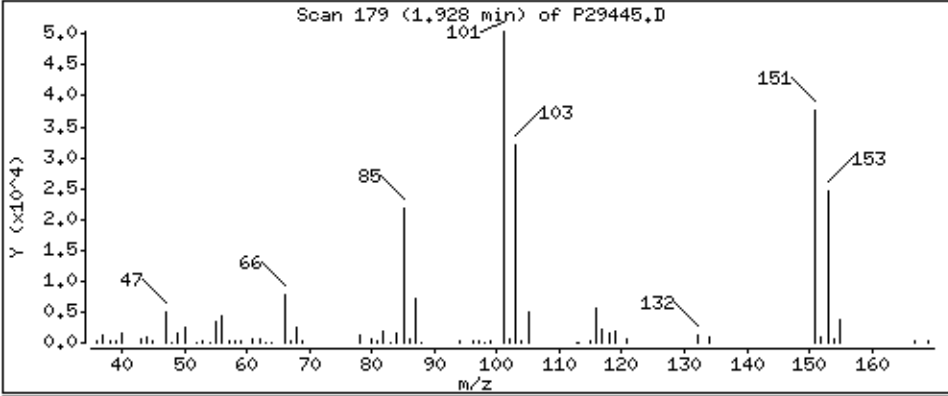
Column phase: RTX-624

Column diameter: 0,18

16 1,1,2-Trichlorotrifluoroethane

Concentration: 44,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

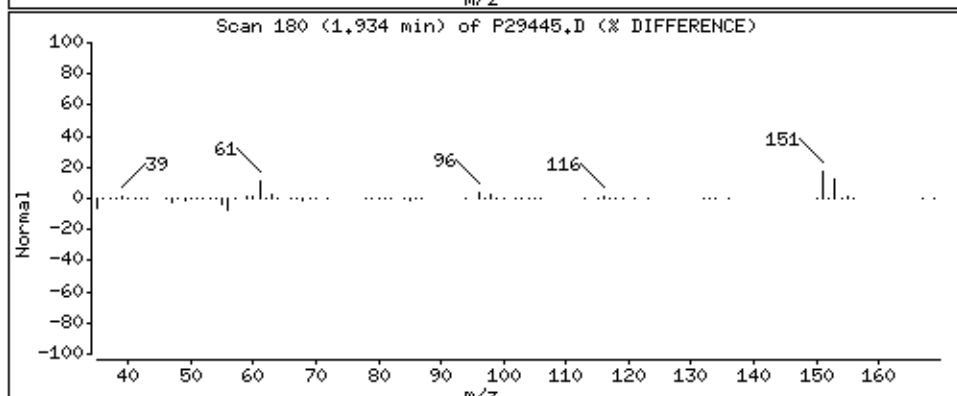
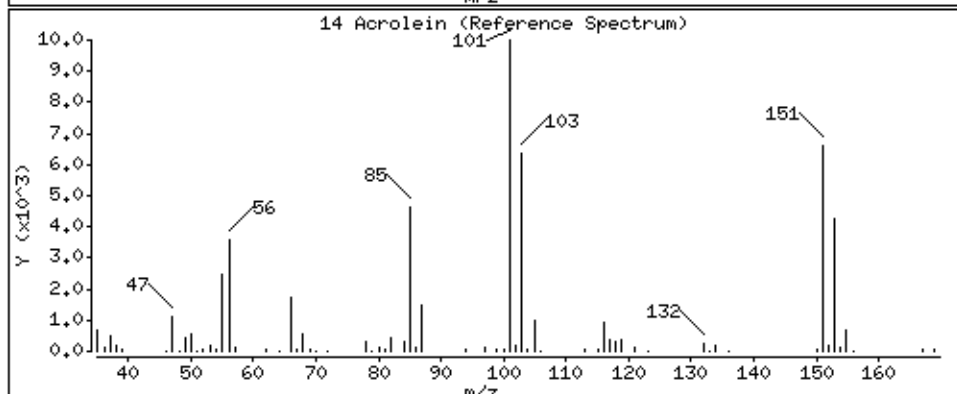
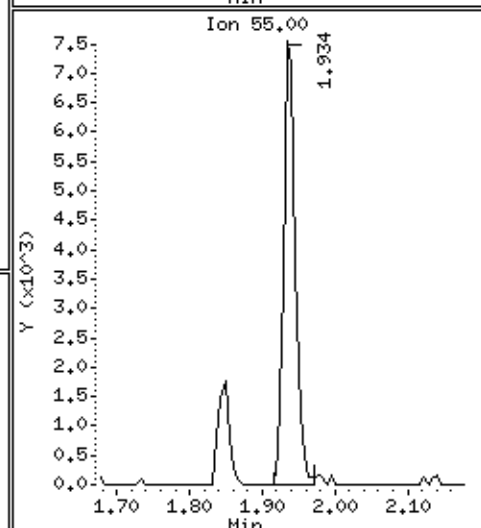
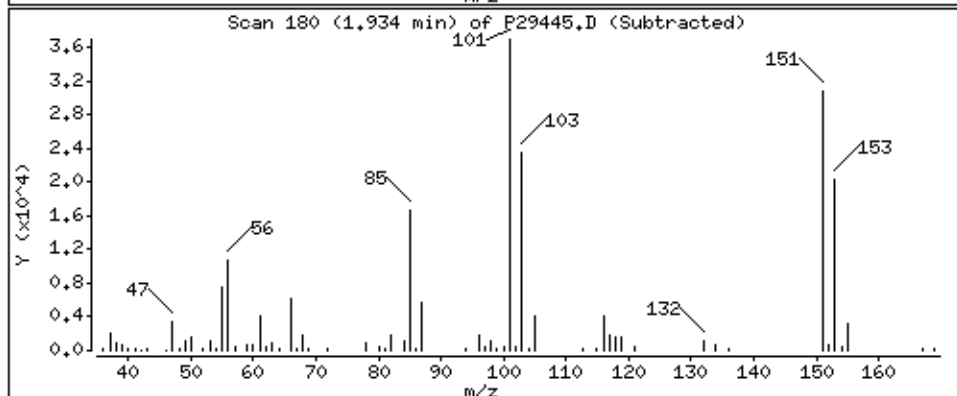
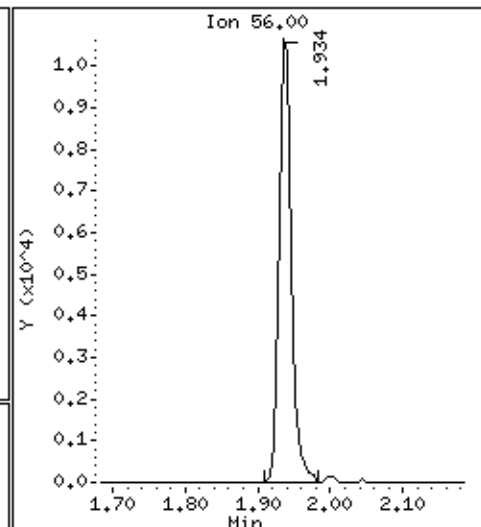
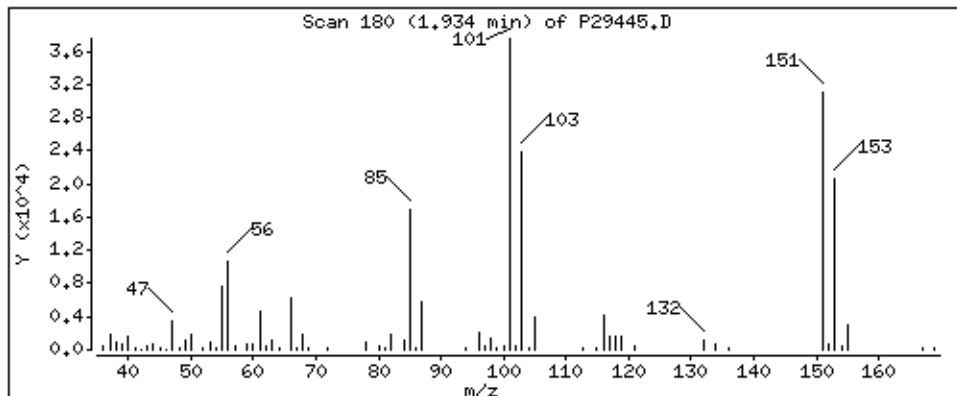
Column phase: RTX-624

Column diameter: 0,18

14 Acrolein

Concentration: 55,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

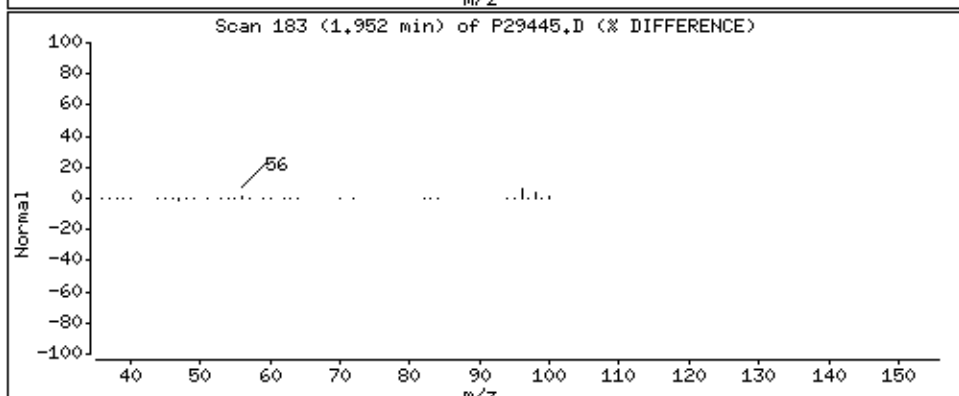
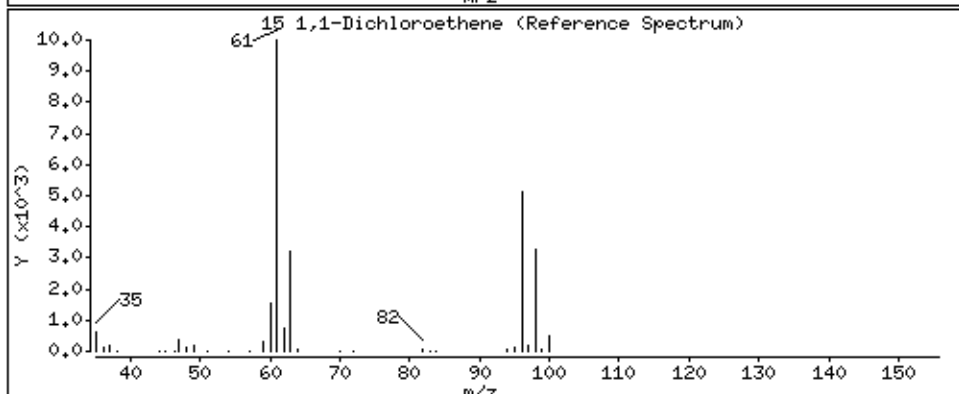
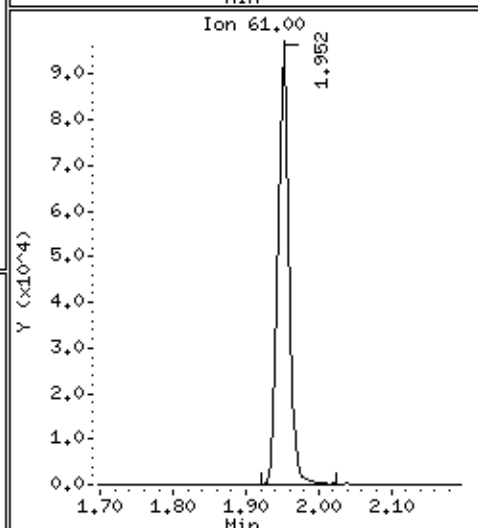
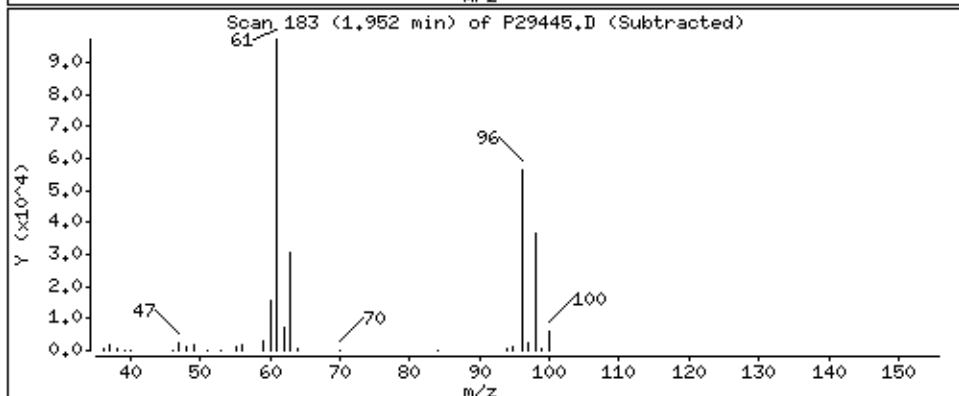
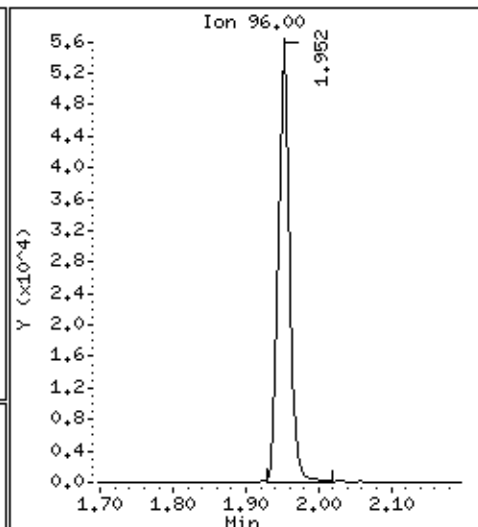
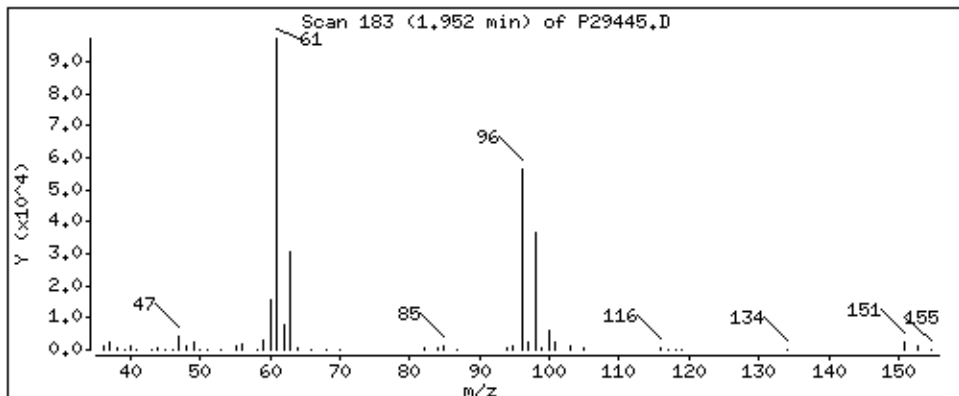
Column phase: RTX-624

Column diameter: 0,18

15 1,1-Dichloroethene

Concentration: 43,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

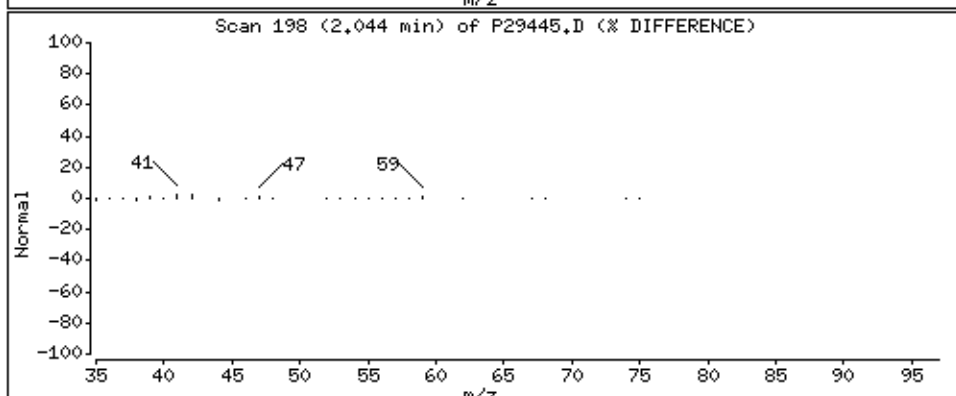
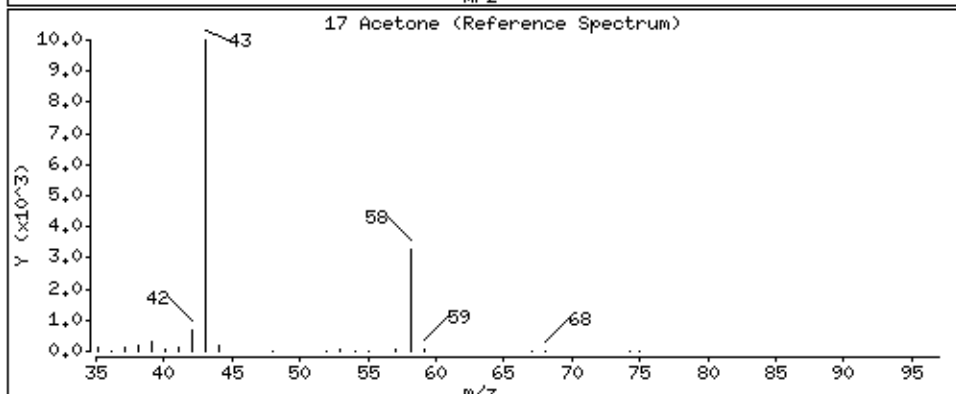
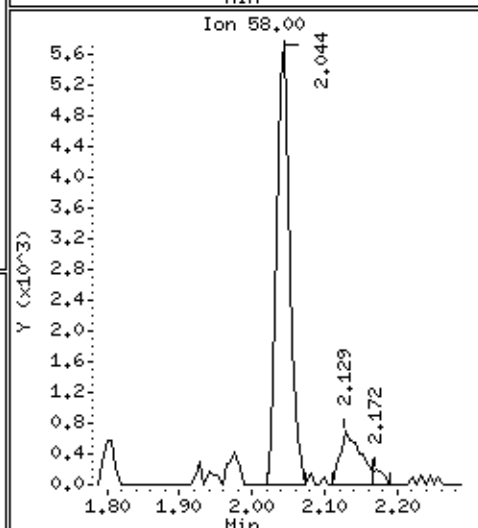
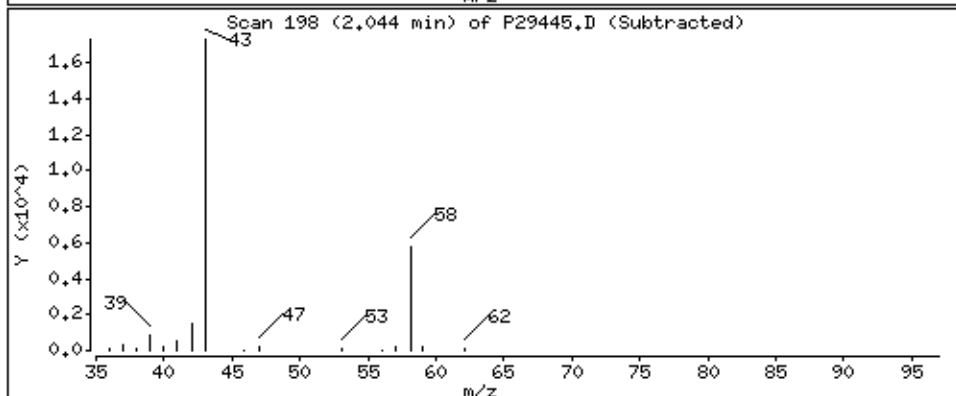
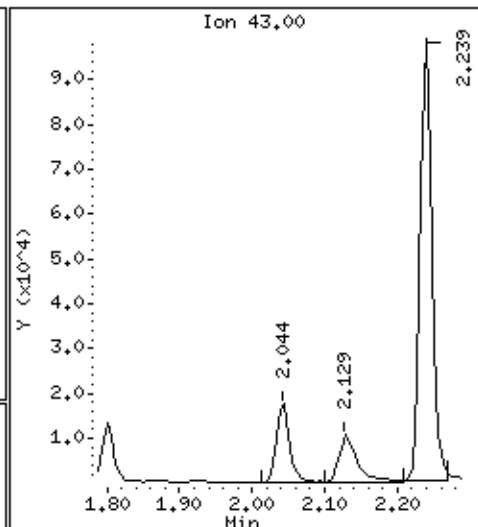
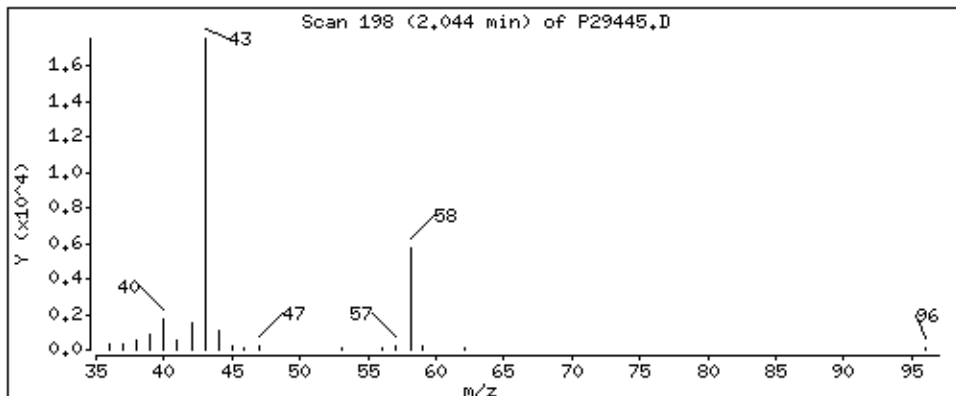
Column phase: RTX-624

Column diameter: 0,18

17 Acetone

Concentration: 66,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

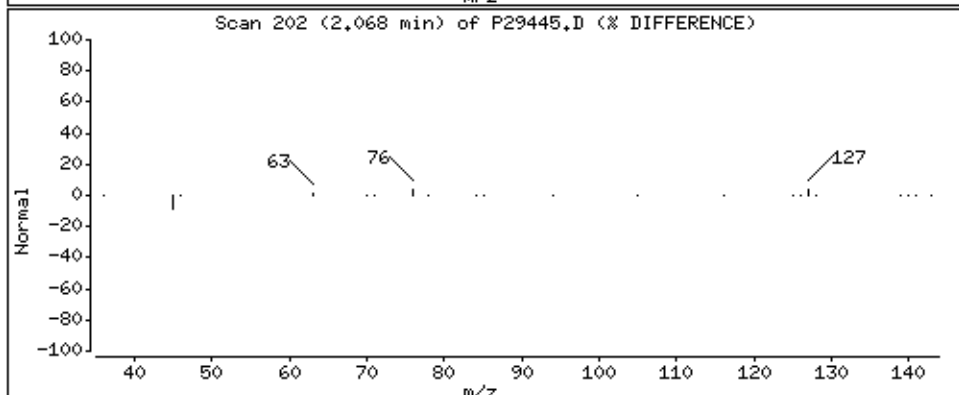
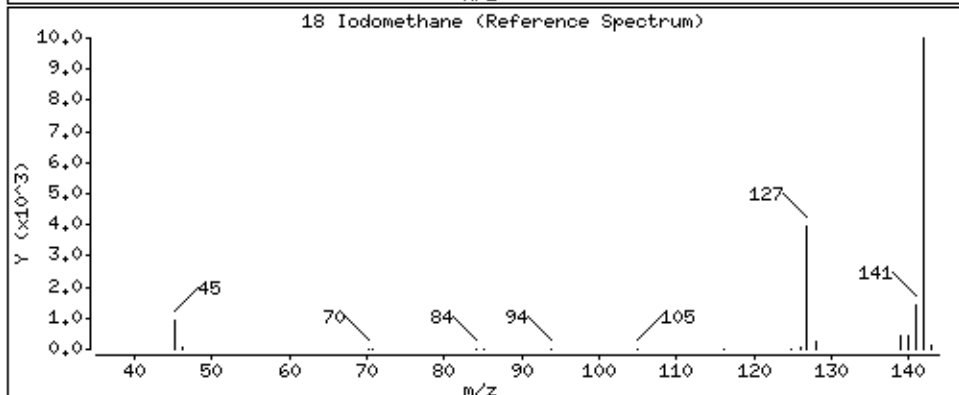
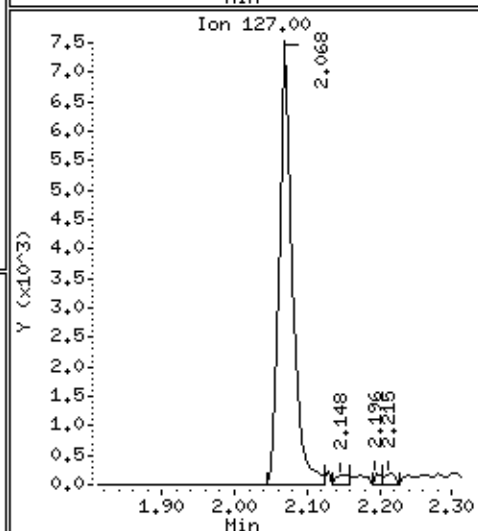
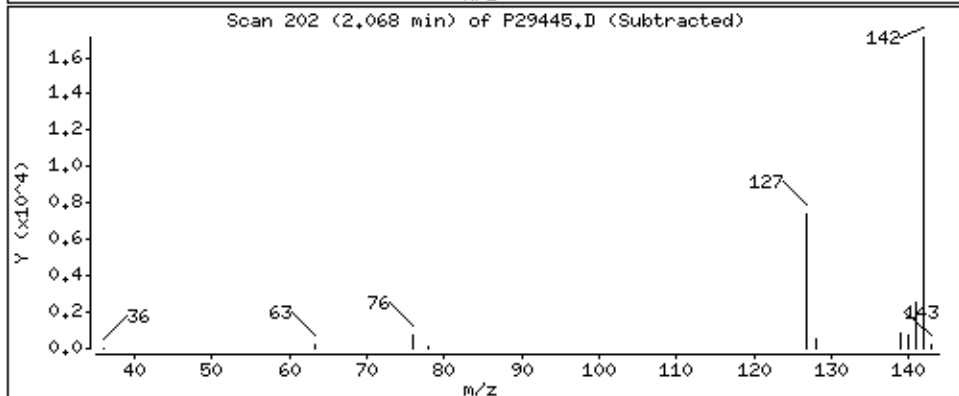
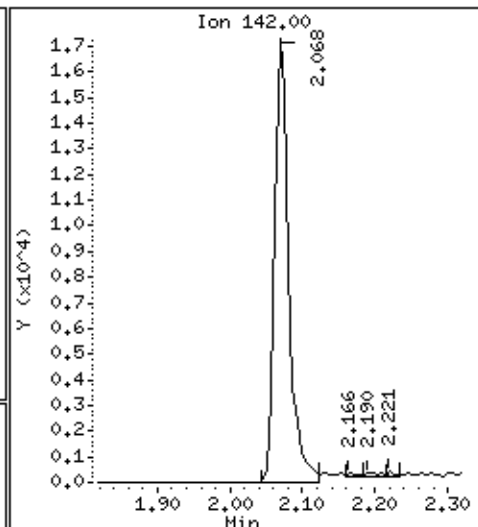
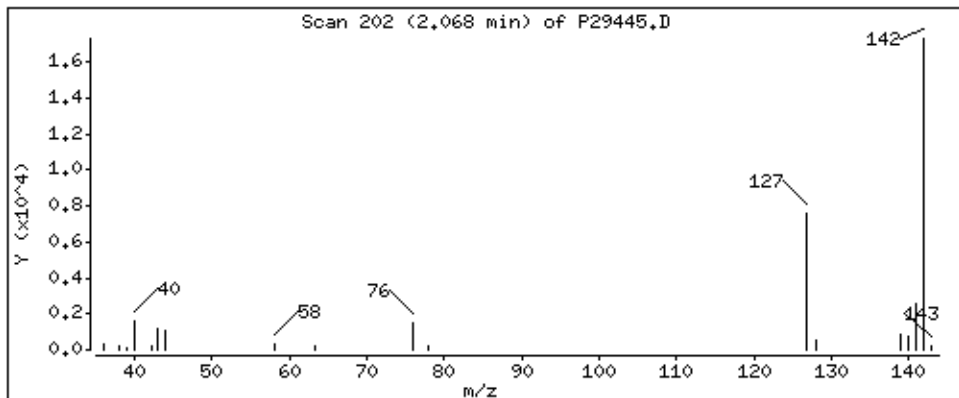
Column phase: RTX-624

Column diameter: 0,18

18 Iodomethane

Concentration: 50,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

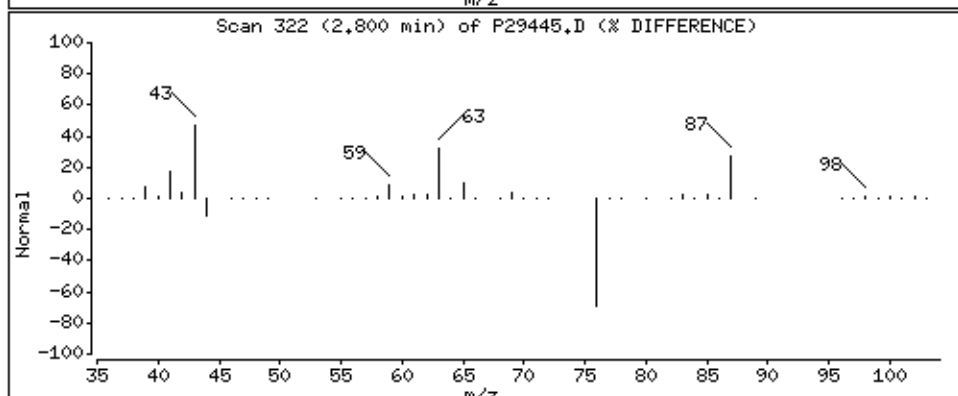
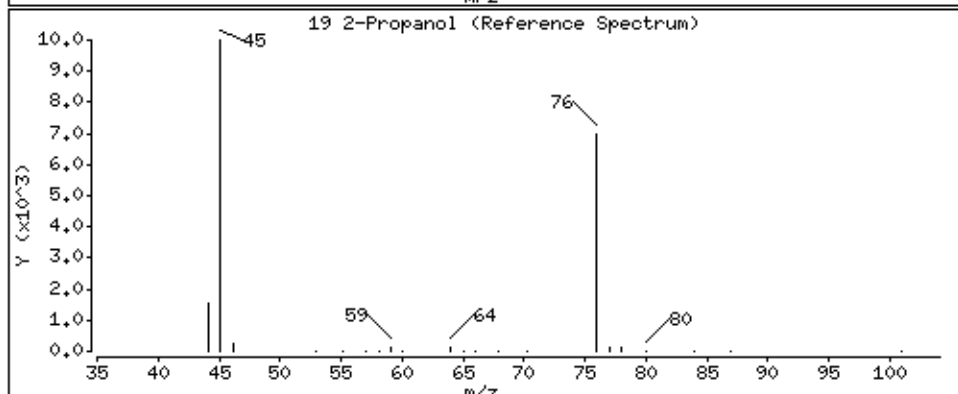
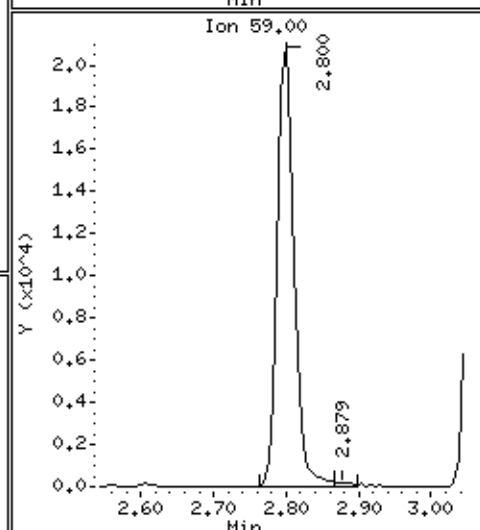
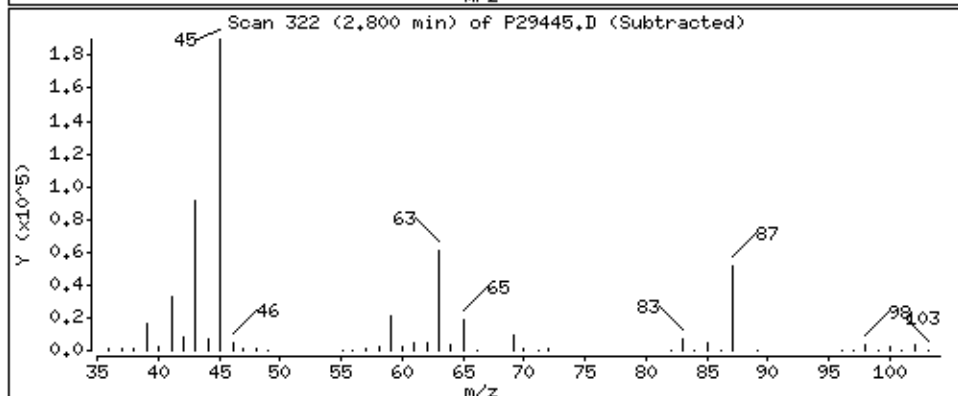
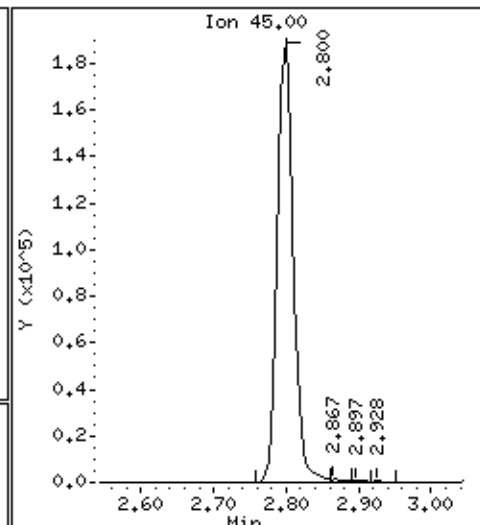
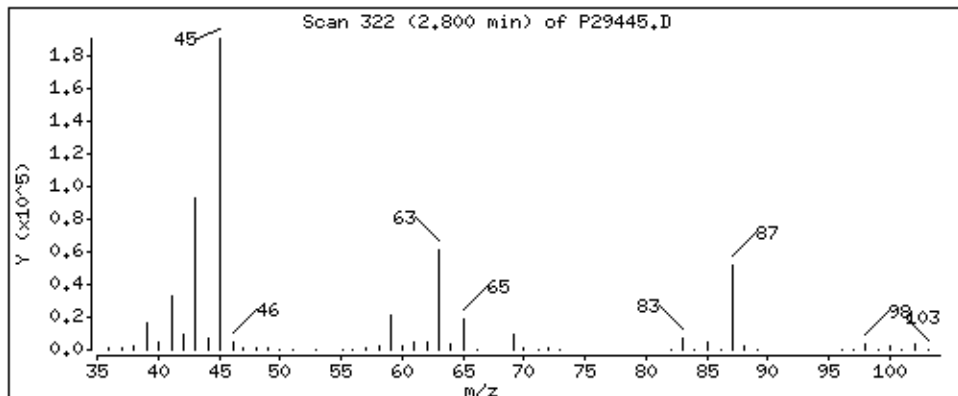
Column phase: RTX-624

Column diameter: 0,18

19 2-Propanol

Concentration: 1360 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

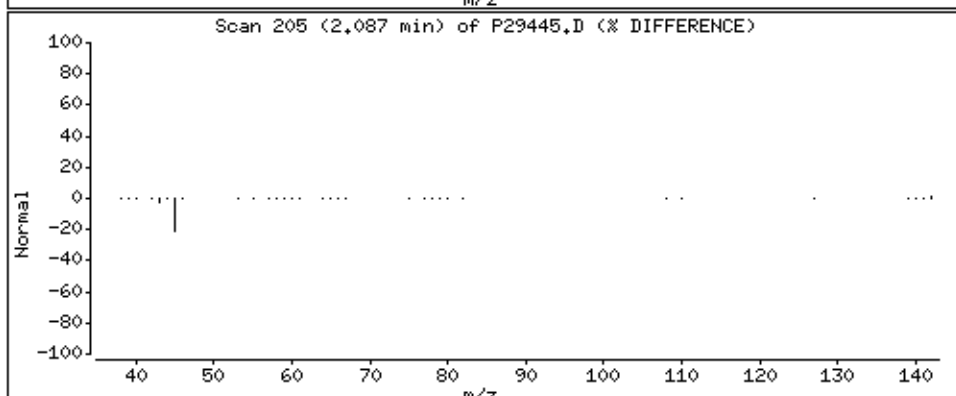
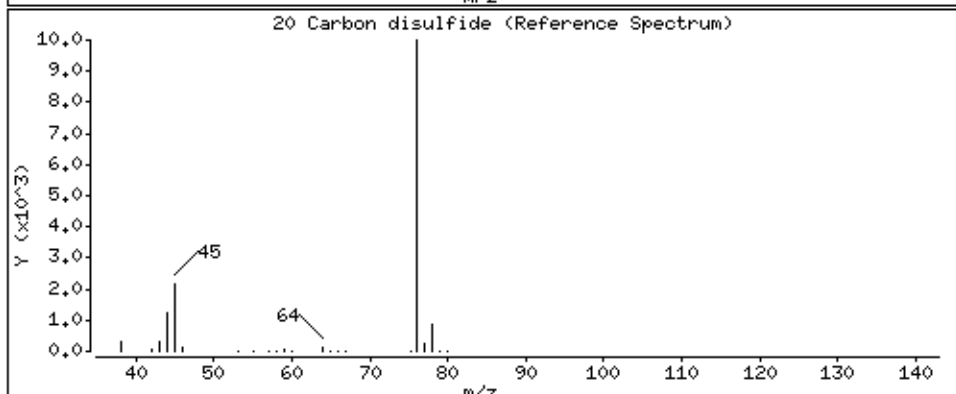
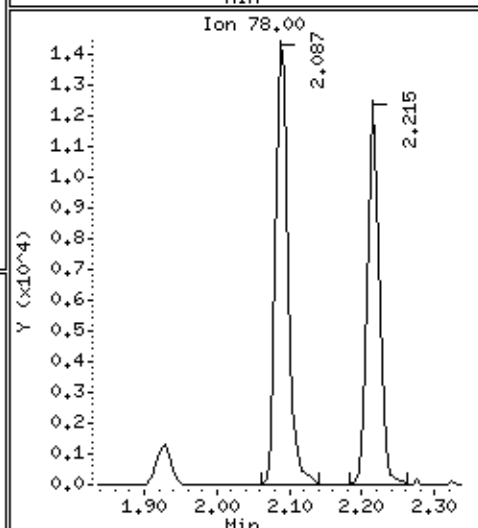
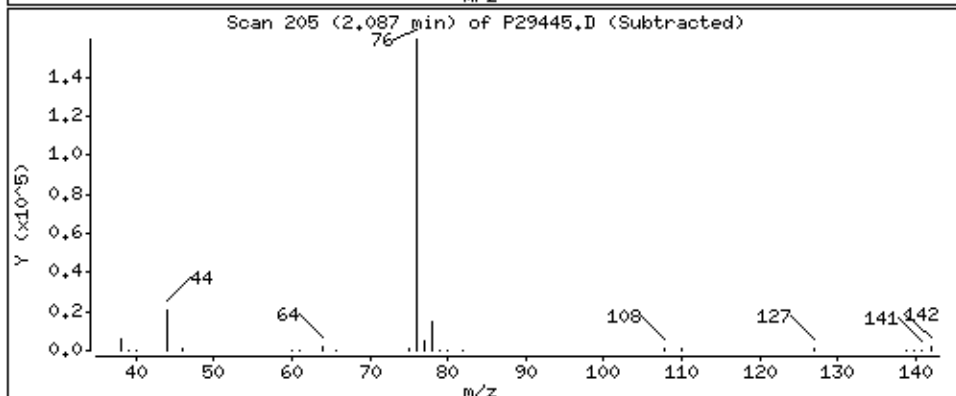
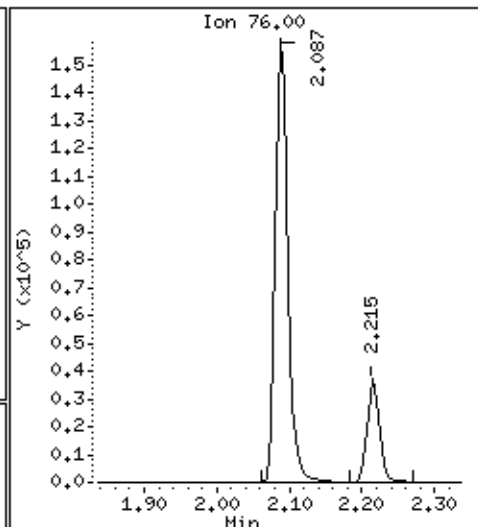
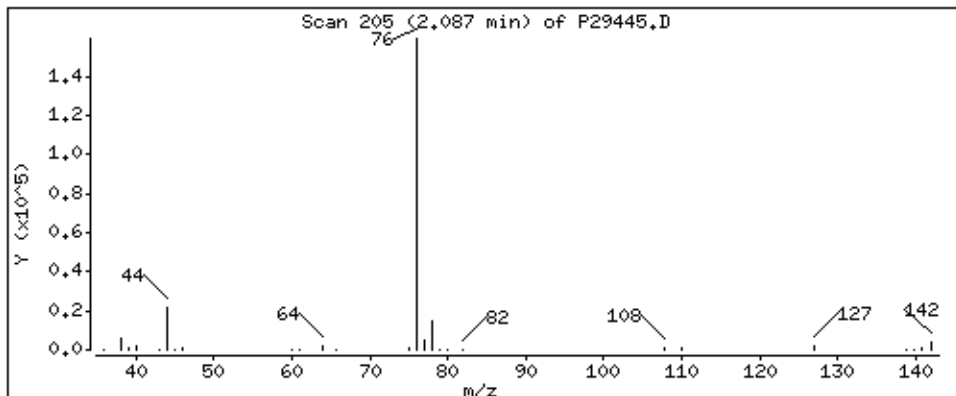
Column phase: RTX-624

Column diameter: 0,18

20 Carbon disulfide

Concentration: 44,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

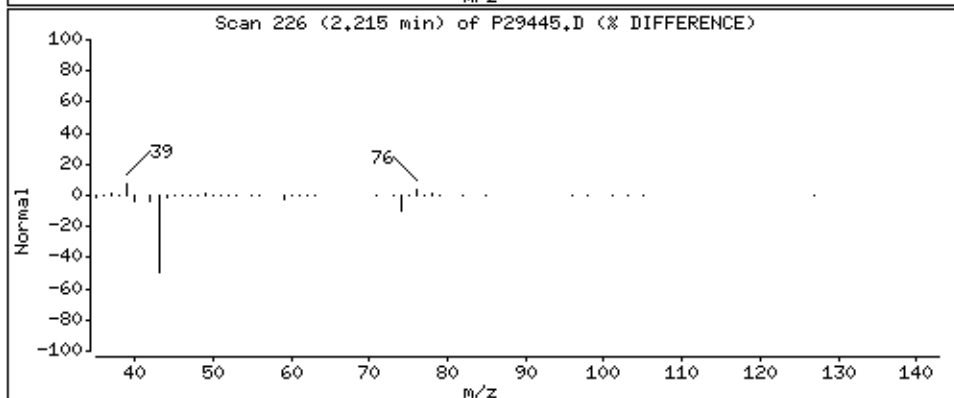
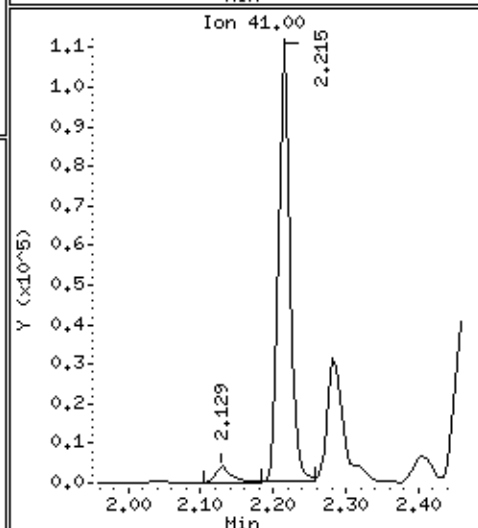
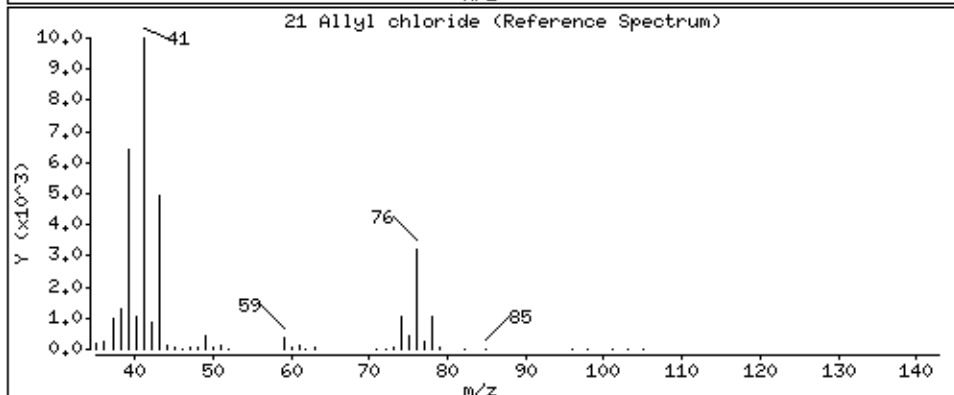
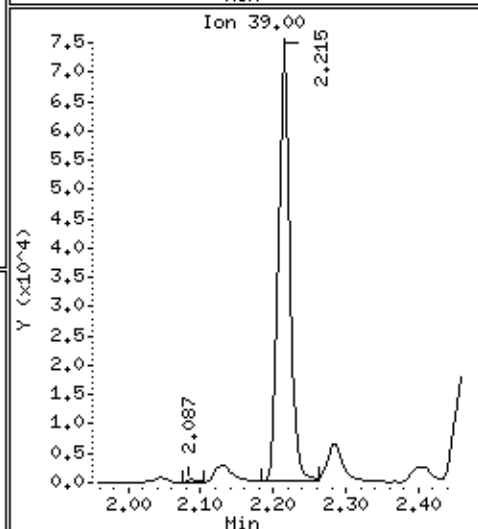
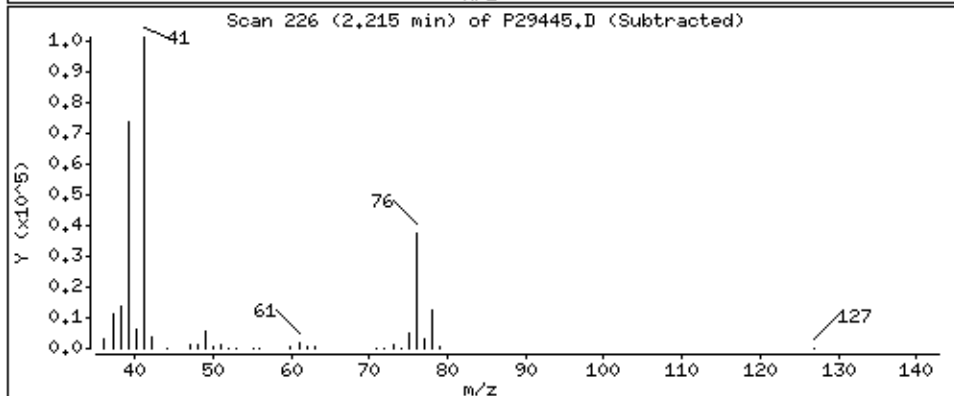
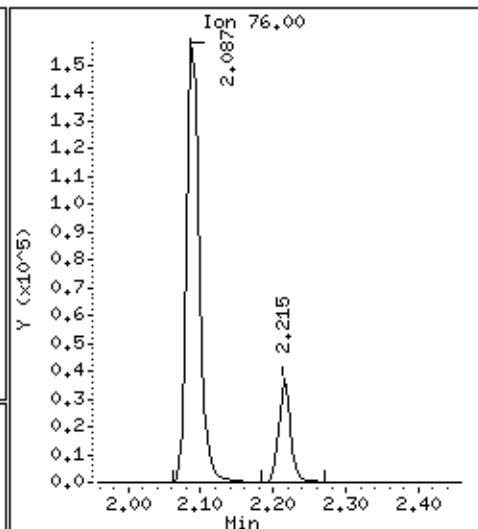
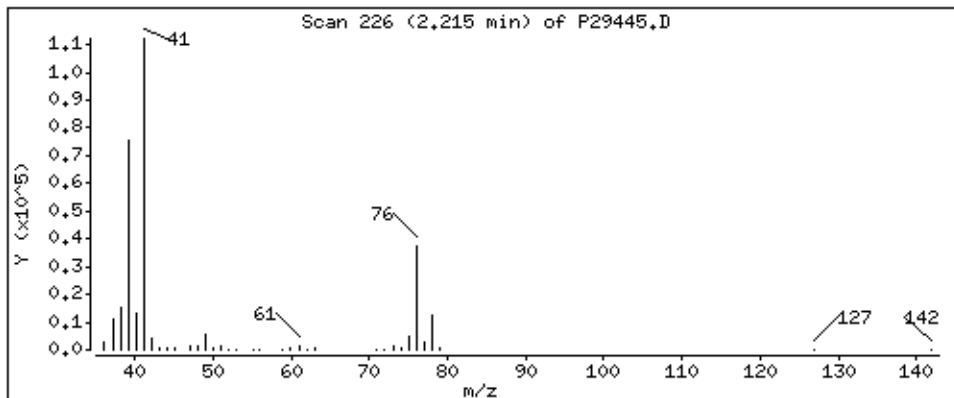
Column phase: RTX-624

Column diameter: 0,18

21 Allyl chloride

Concentration: 46,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

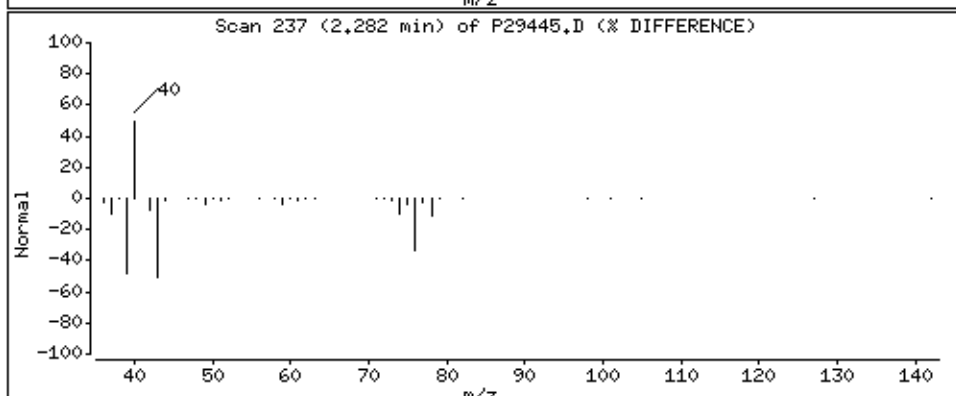
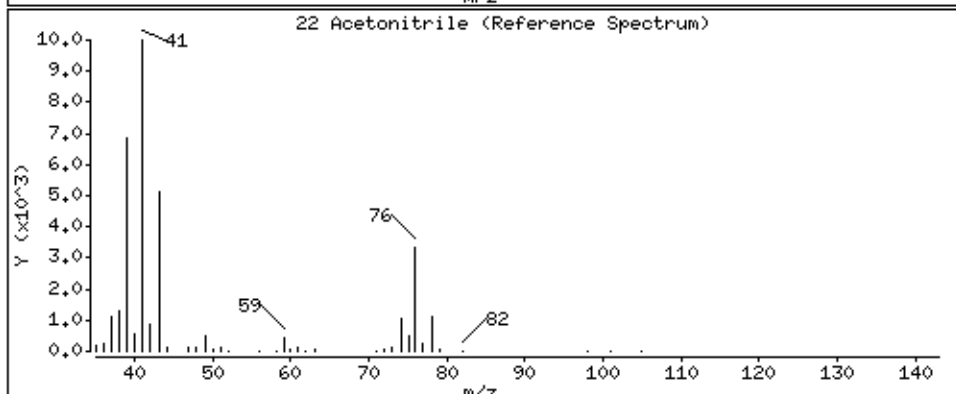
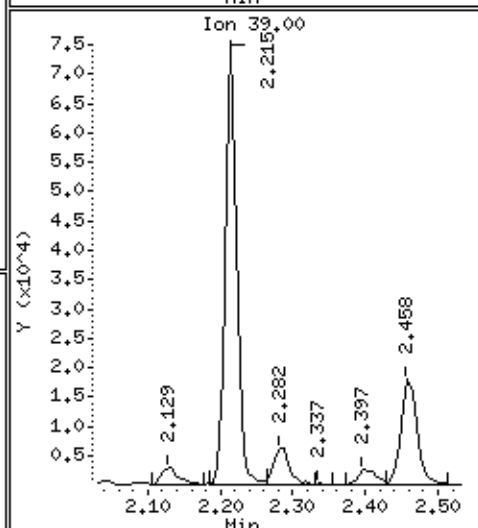
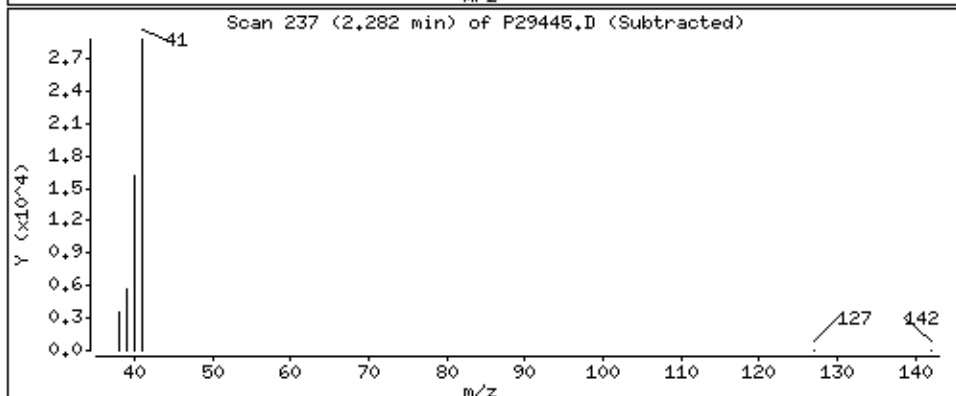
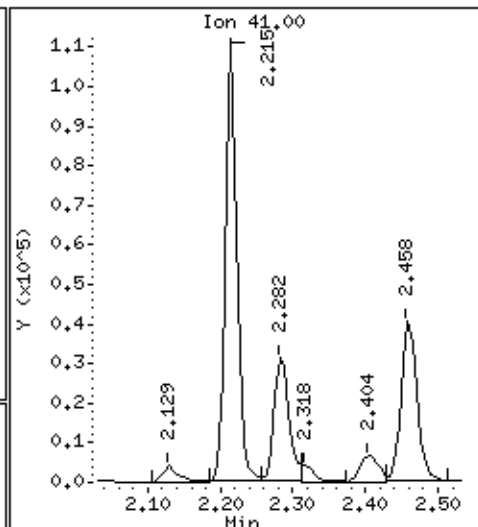
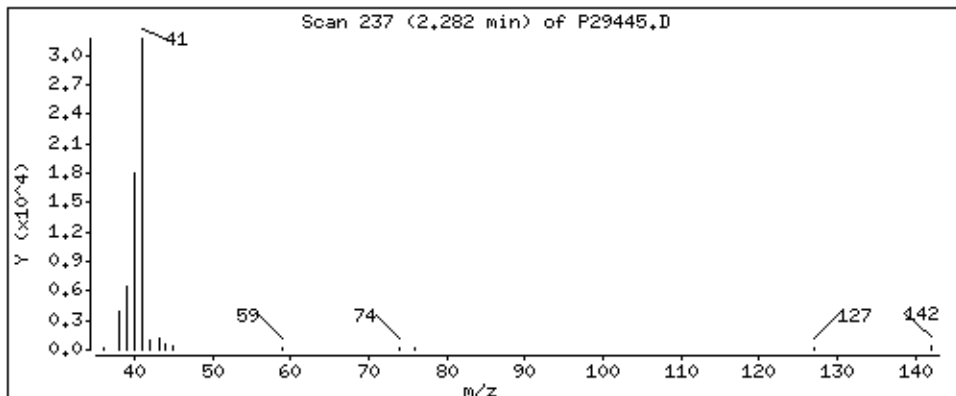
Column phase: RTX-624

Column diameter: 0.18

22 Acetonitrile

Concentration: 304 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

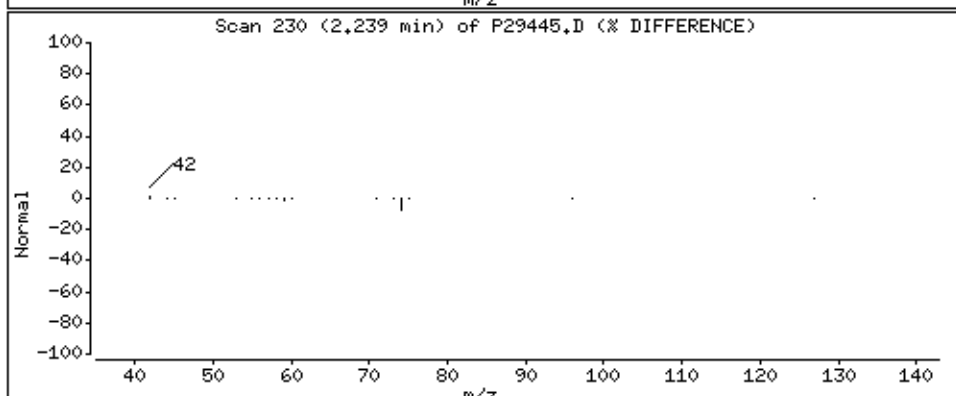
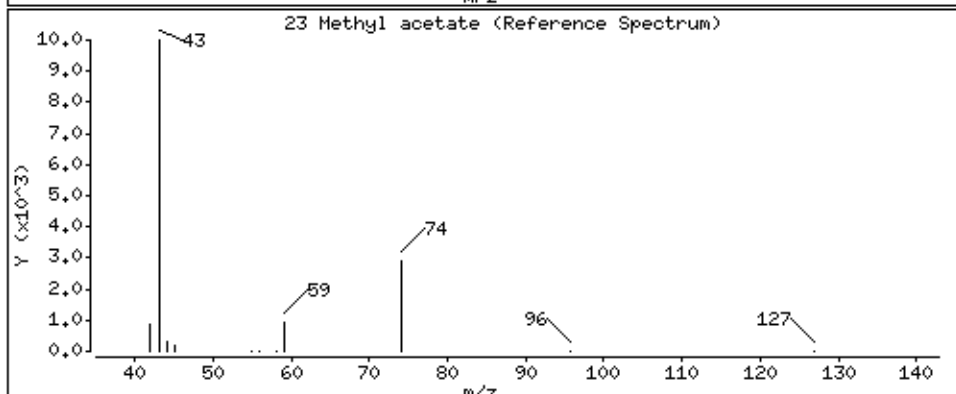
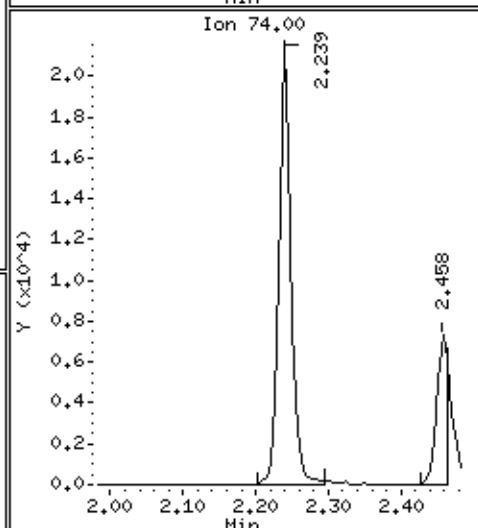
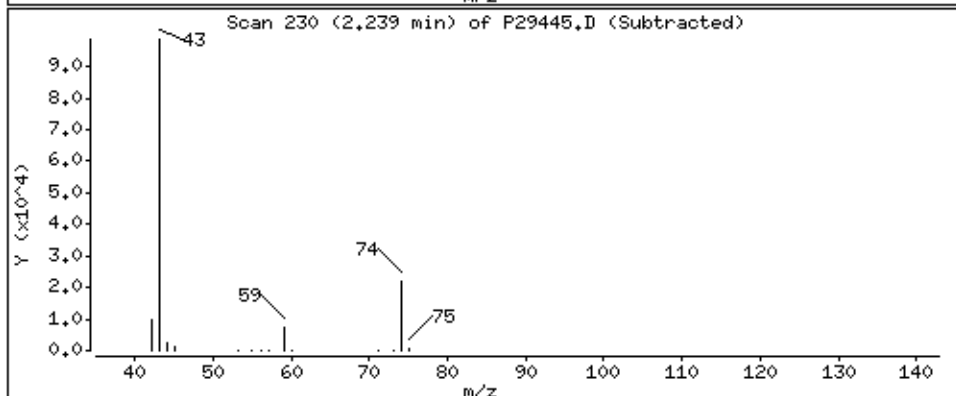
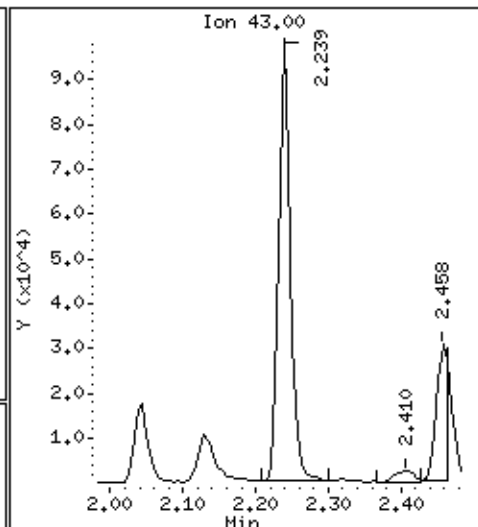
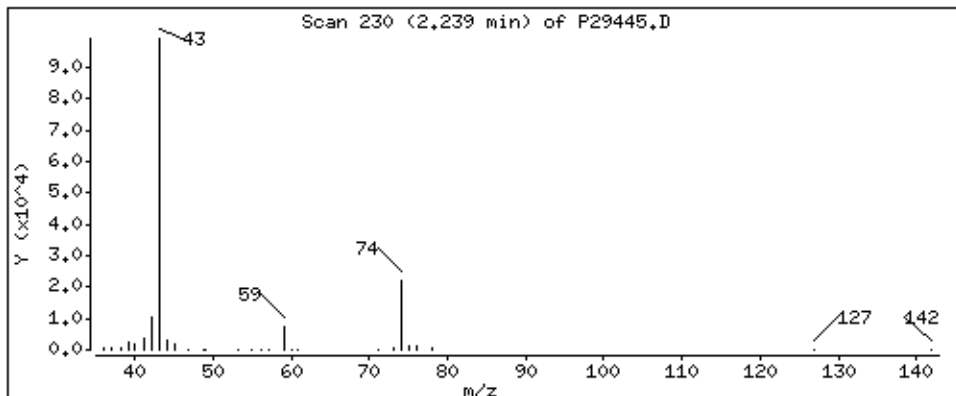
Column phase: RTX-624

Column diameter: 0,18

23 Methyl acetate

Concentration: 108 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

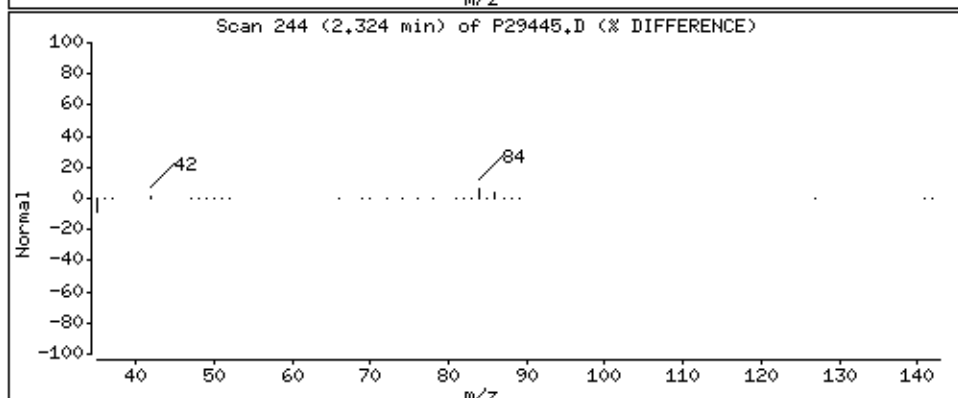
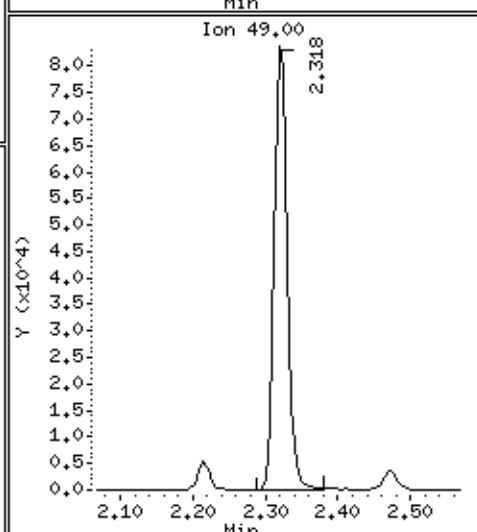
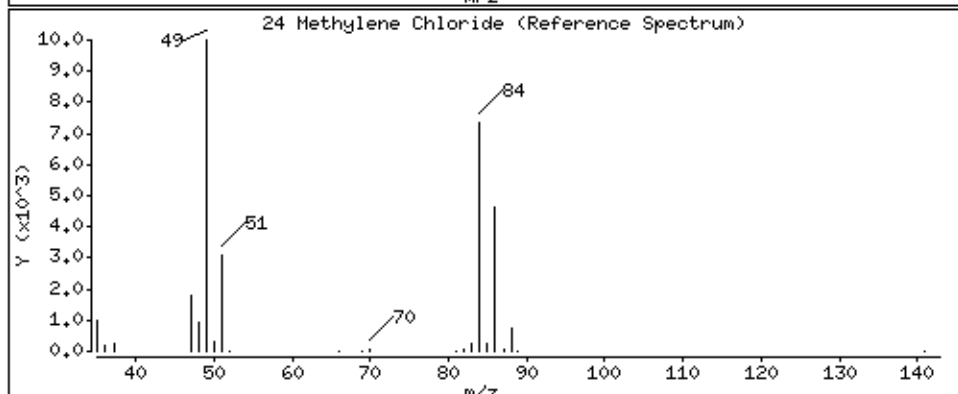
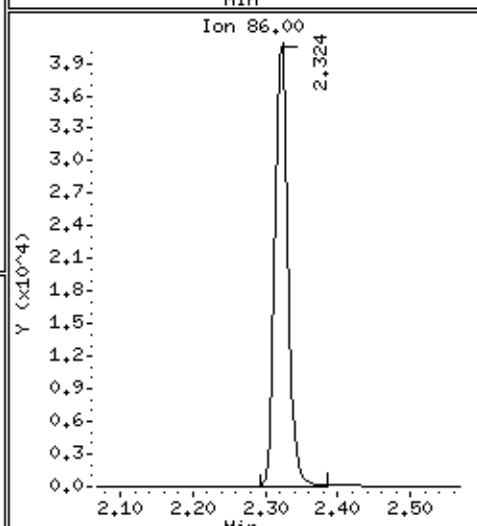
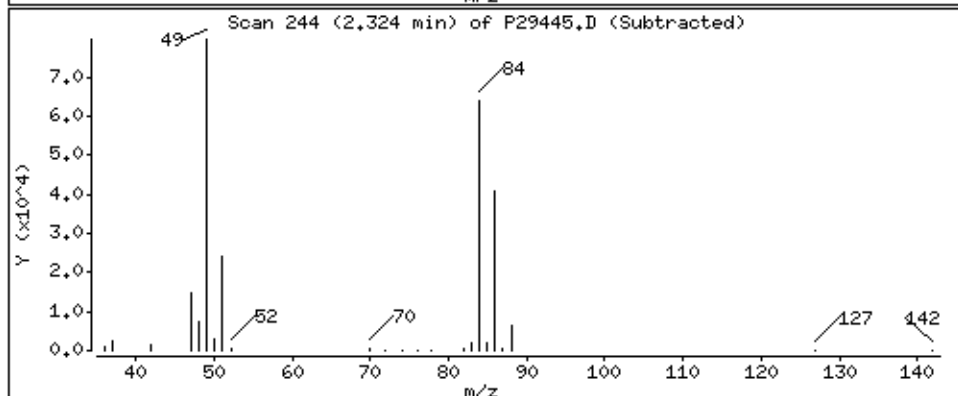
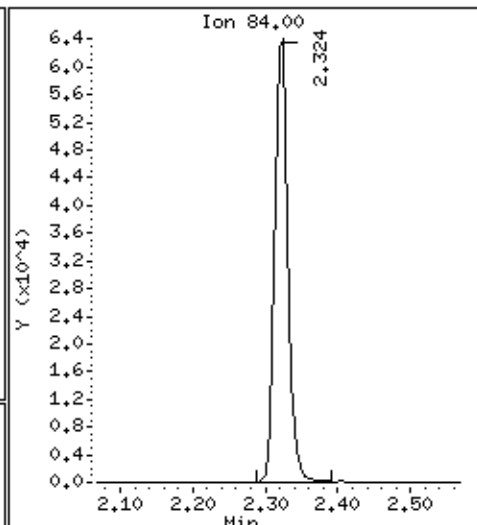
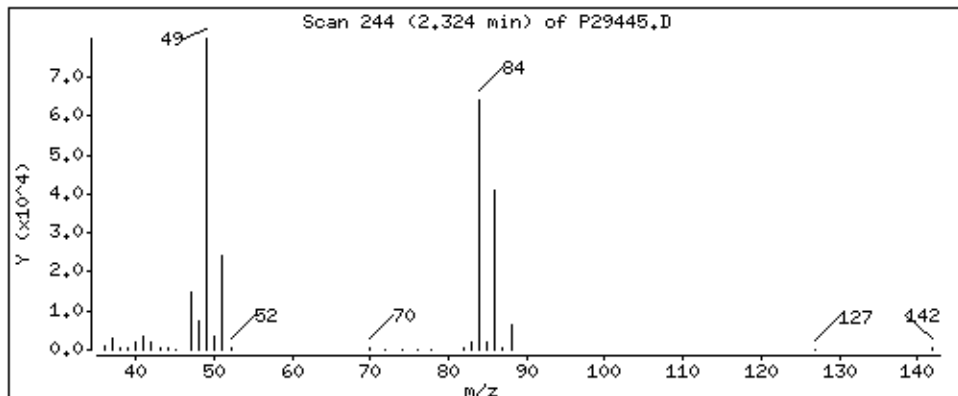
Column phase: RTX-624

Column diameter: 0,18

24 Methylene Chloride

Concentration: 50,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

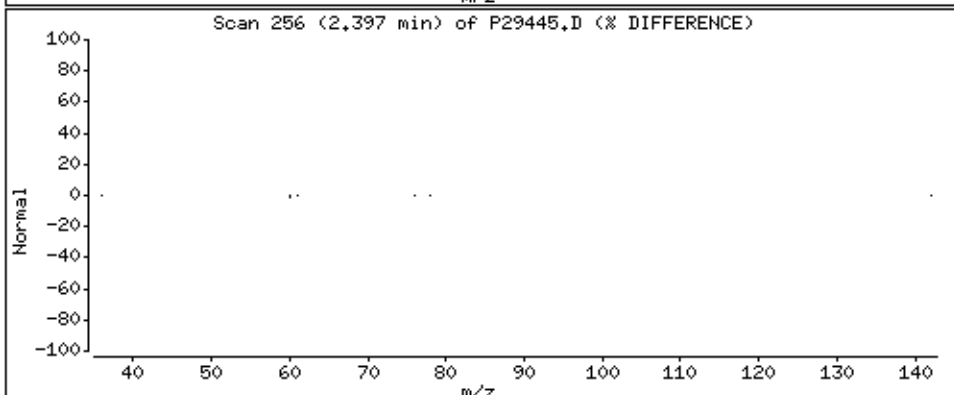
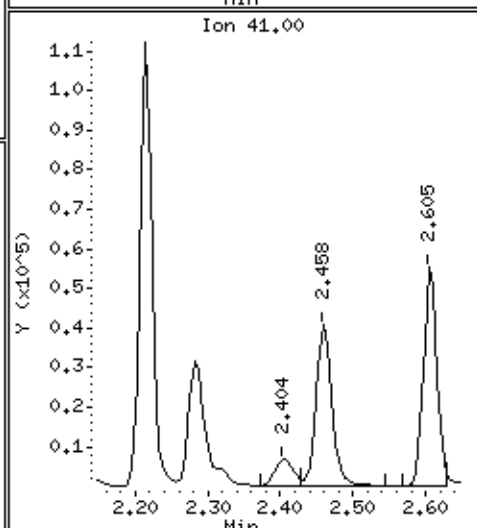
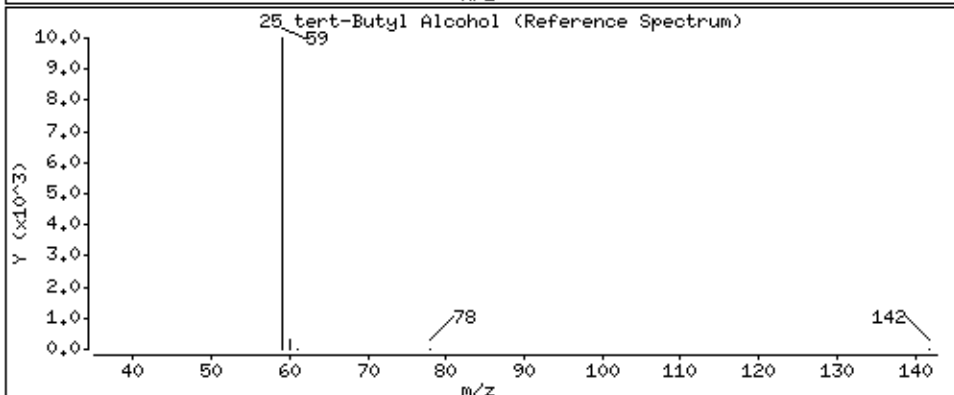
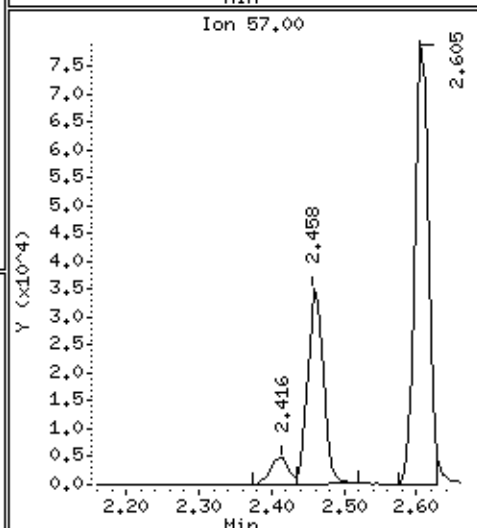
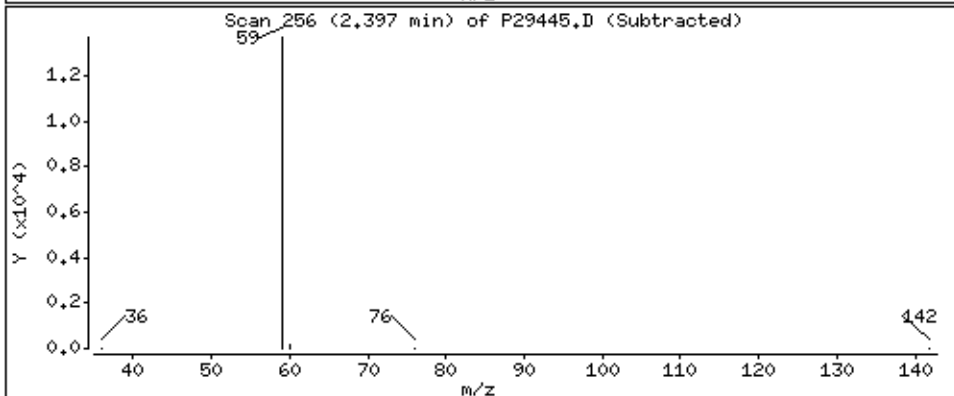
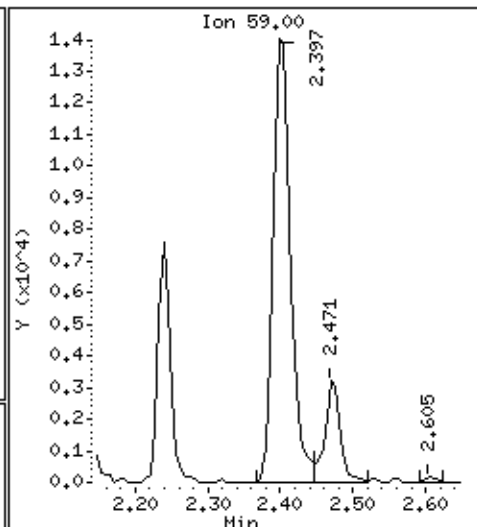
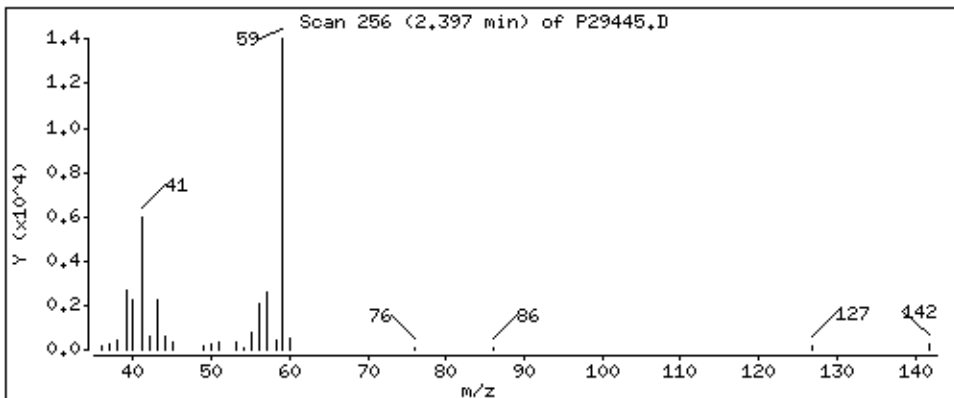
Column phase: RTX-624

Column diameter: 0,18

25 tert-Butyl Alcohol

Concentration: 210 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

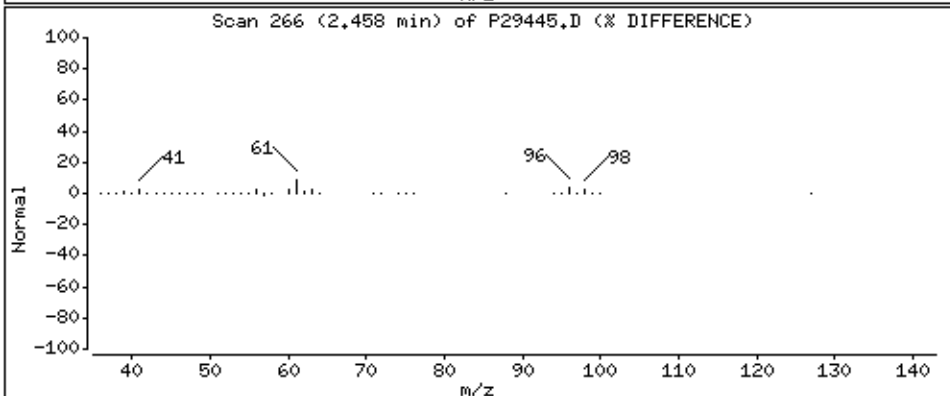
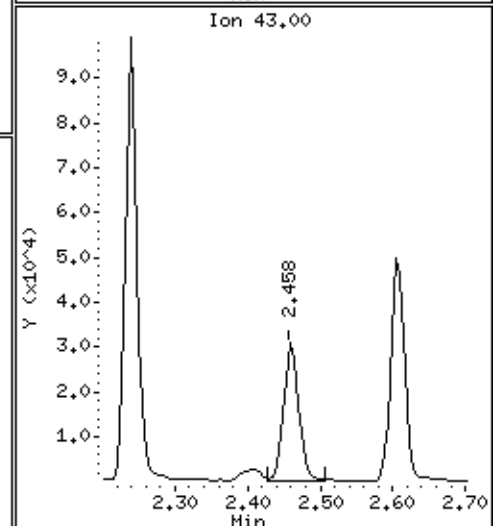
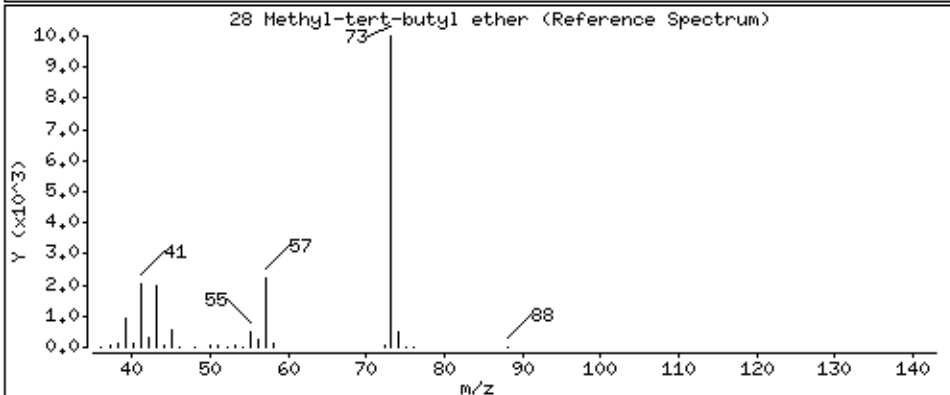
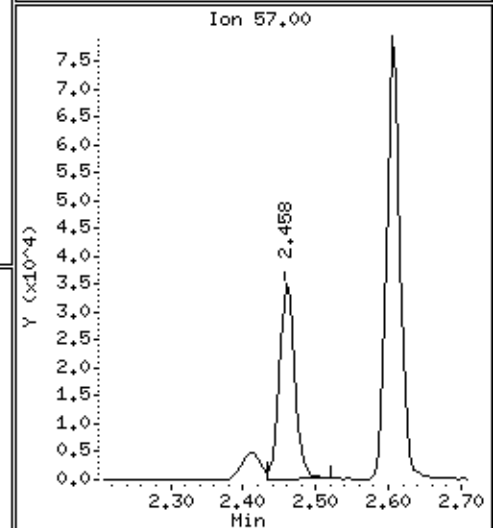
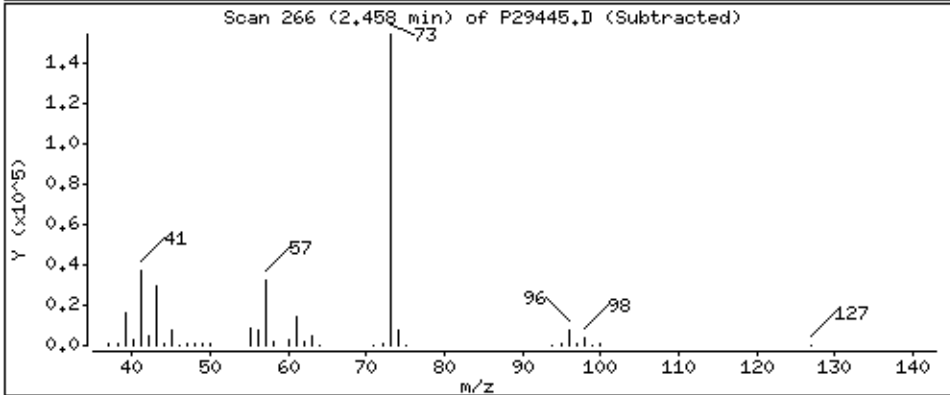
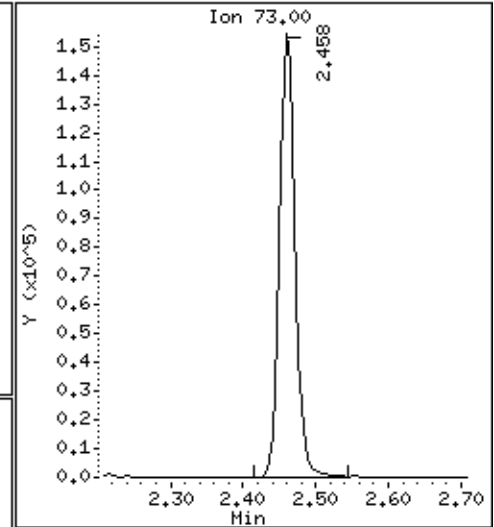
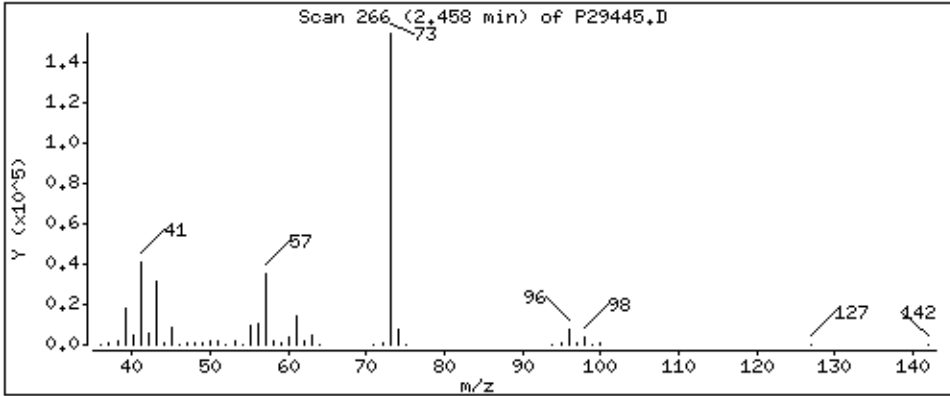
Column phase: RTX-624

Column diameter: 0.18

28 Methyl-tert-butyl ether

Concentration: 46.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

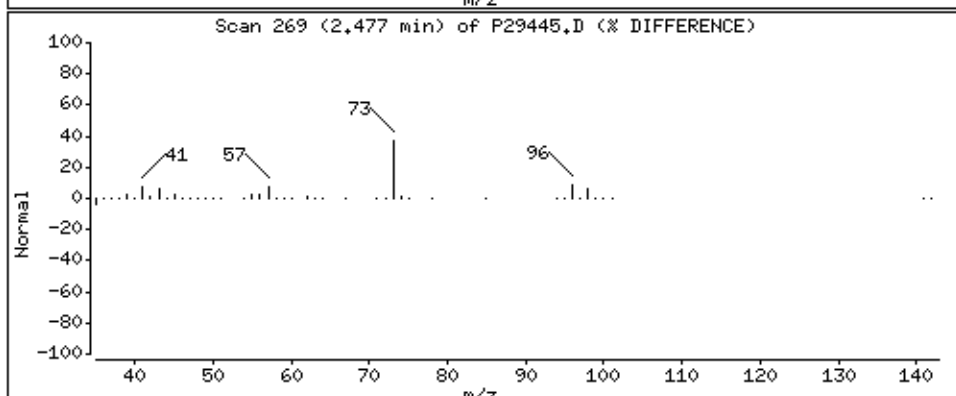
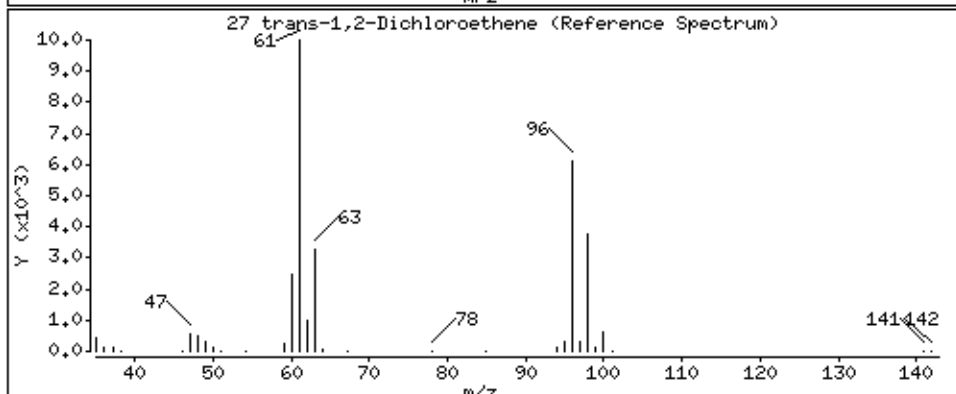
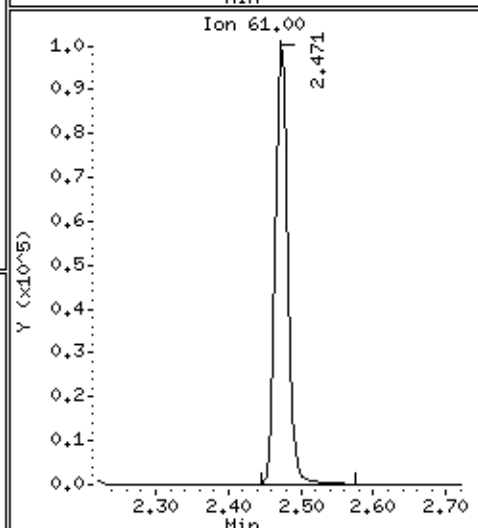
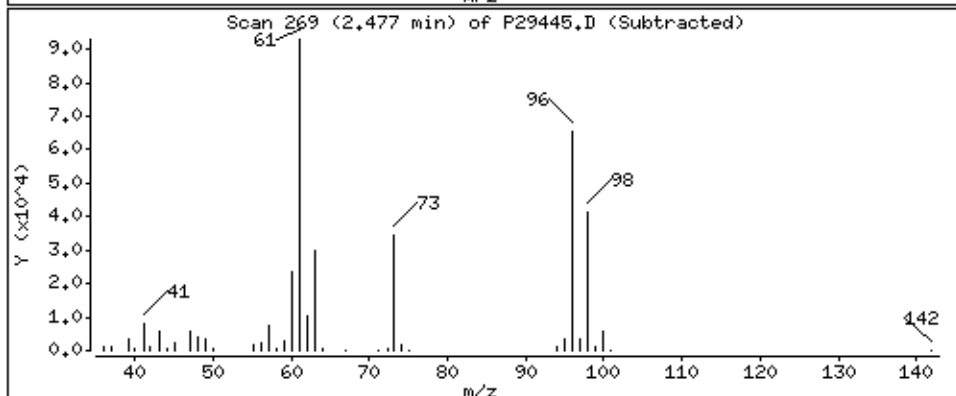
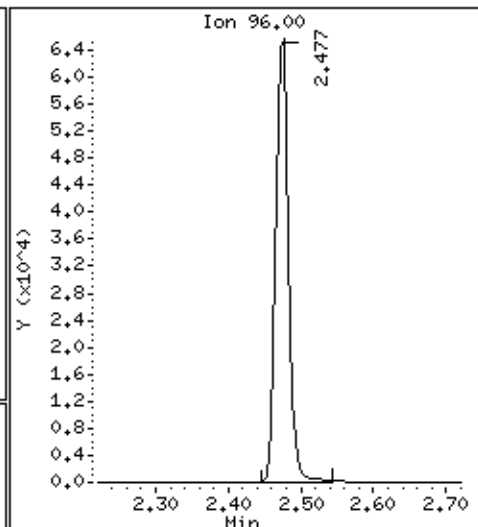
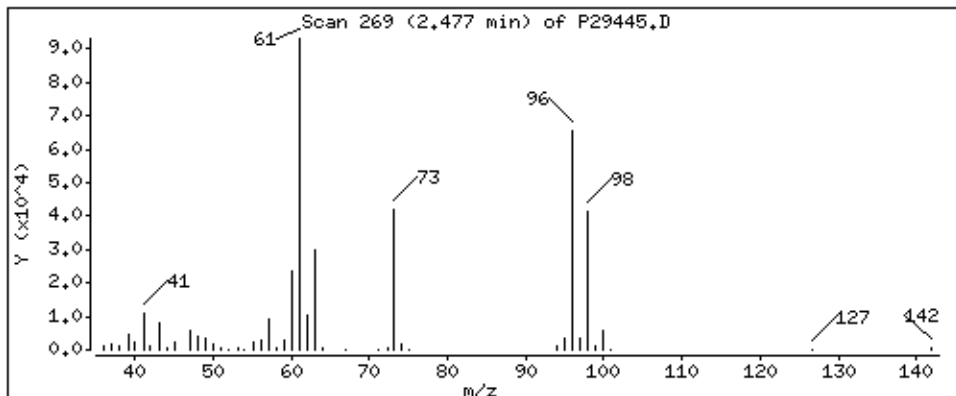
Column phase: RTX-624

Column diameter: 0,18

27 trans-1,2-Dichloroethene

Concentration: 51.0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

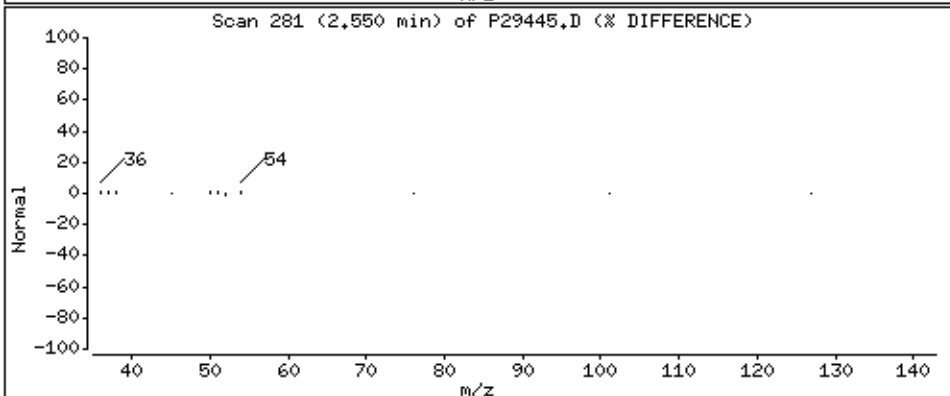
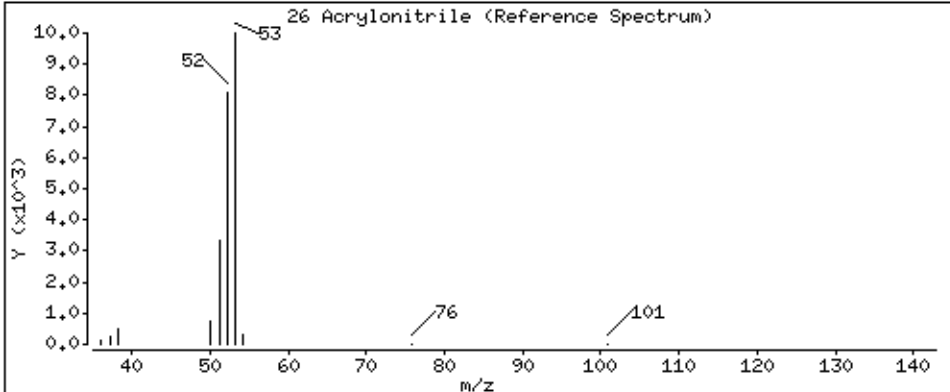
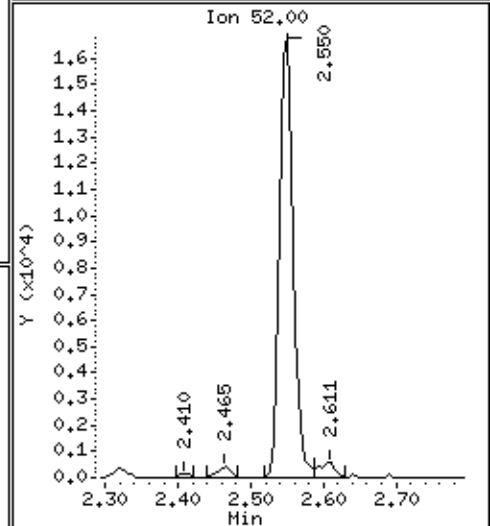
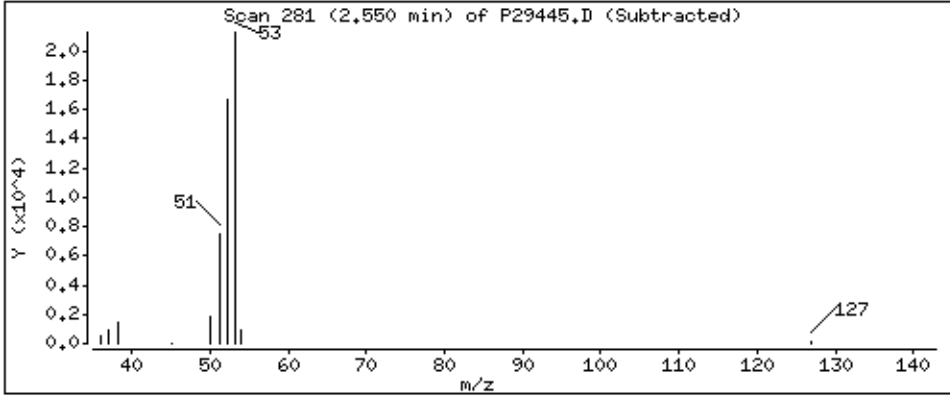
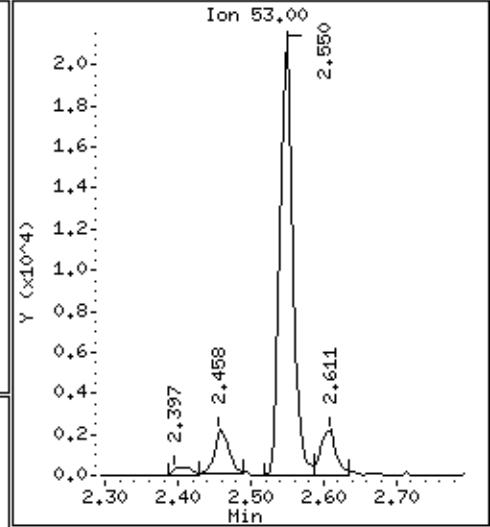
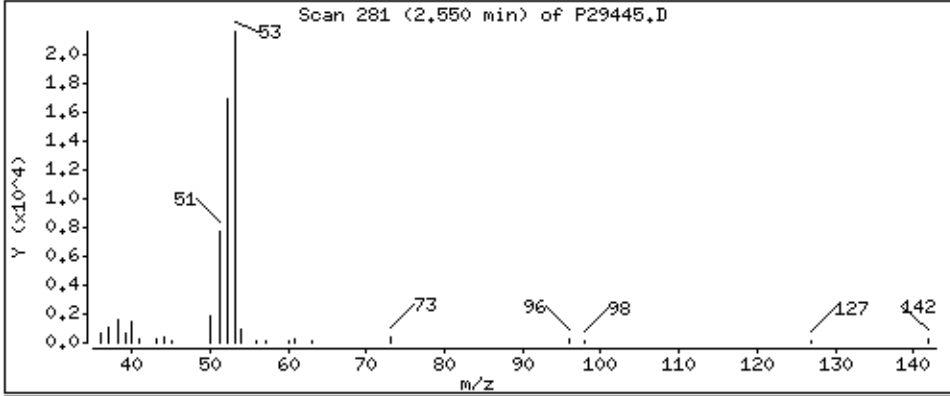
Column phase: RTX-624

Column diameter: 0,18

26 Acrylonitrile

Concentration: 55,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

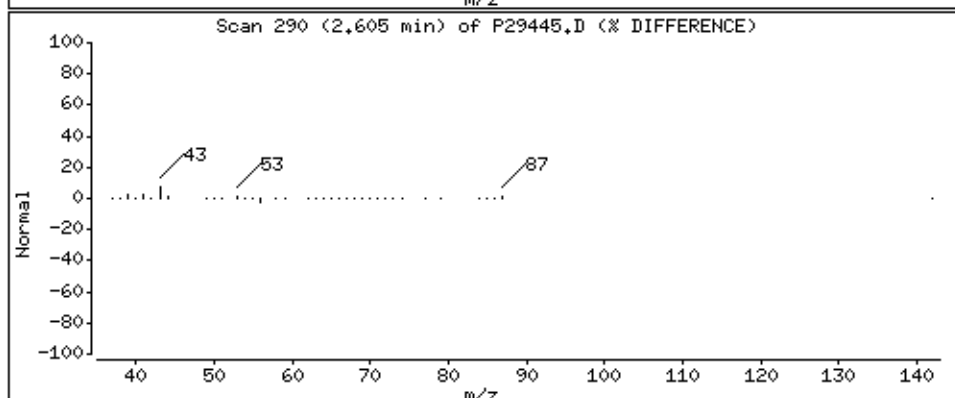
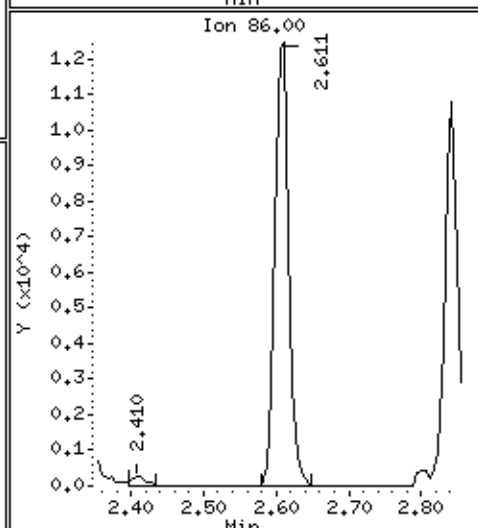
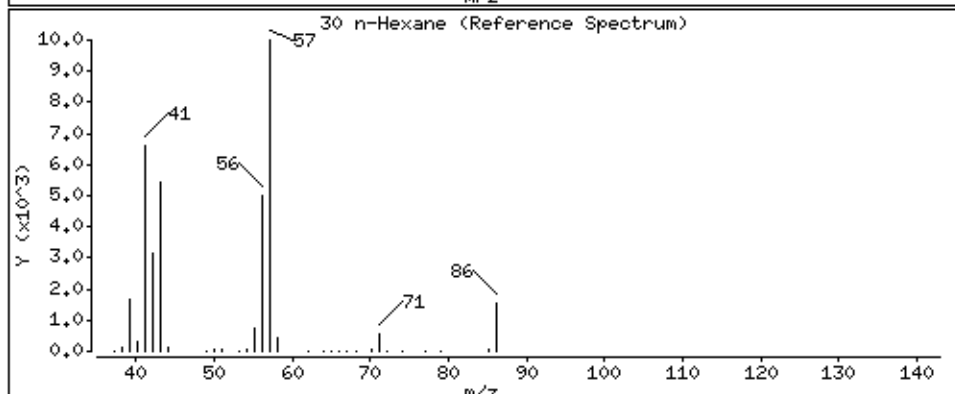
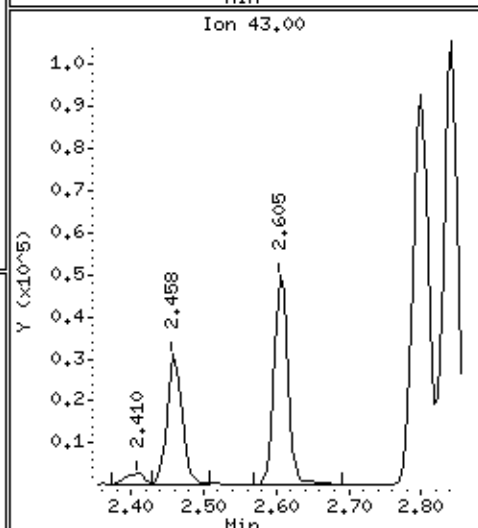
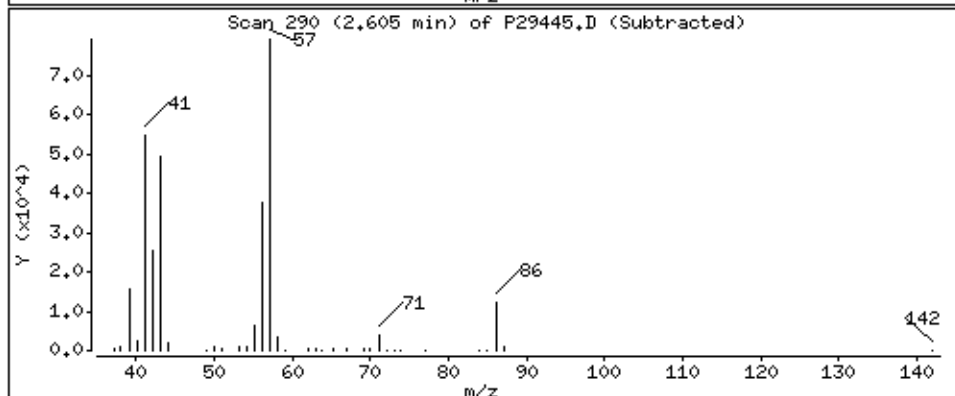
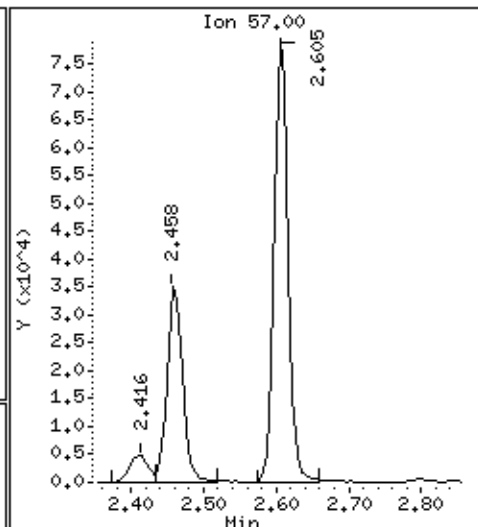
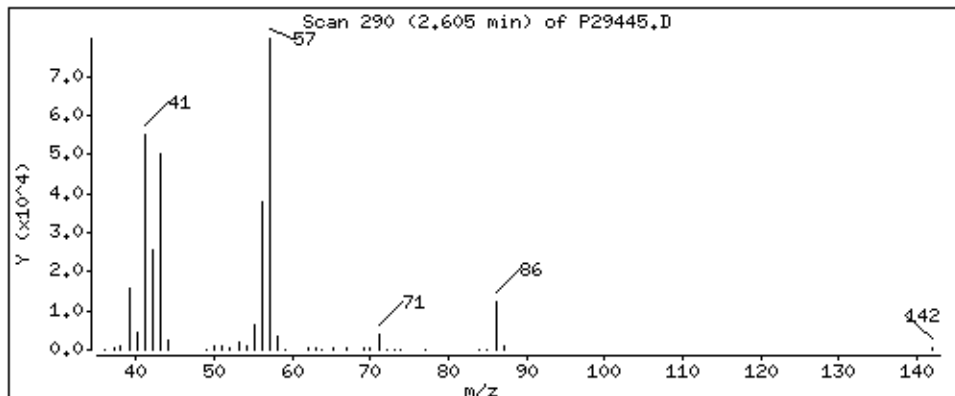
Column phase: RTX-624

Column diameter: 0,18

30 n-Hexane

Concentration: 46,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

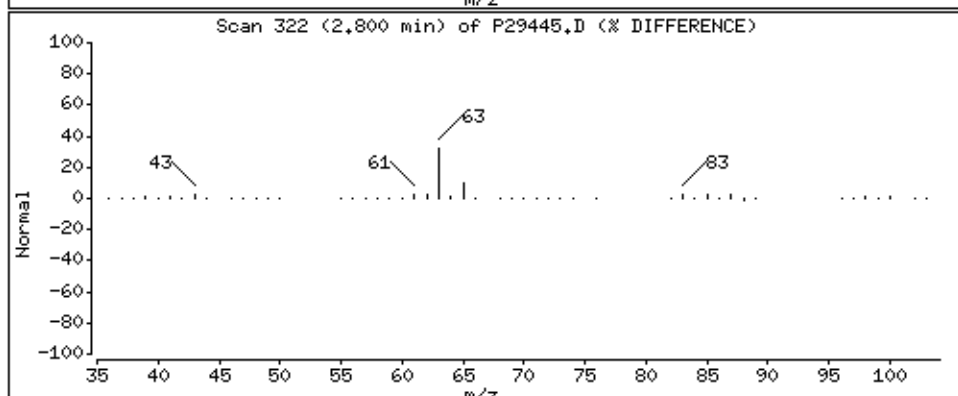
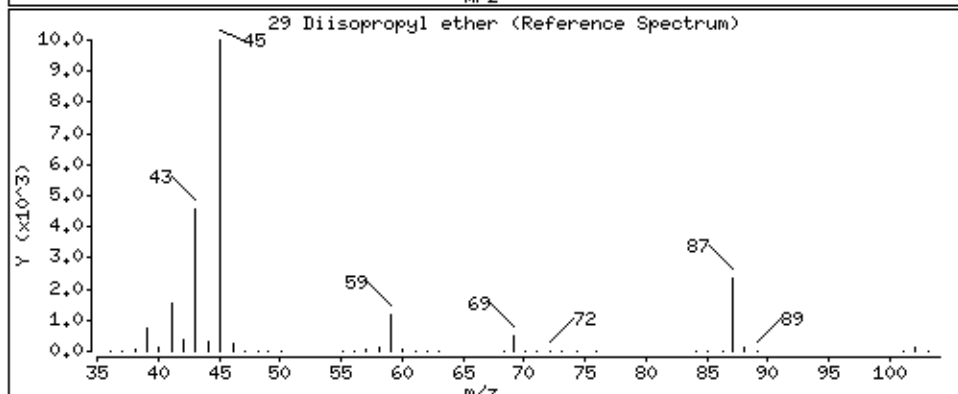
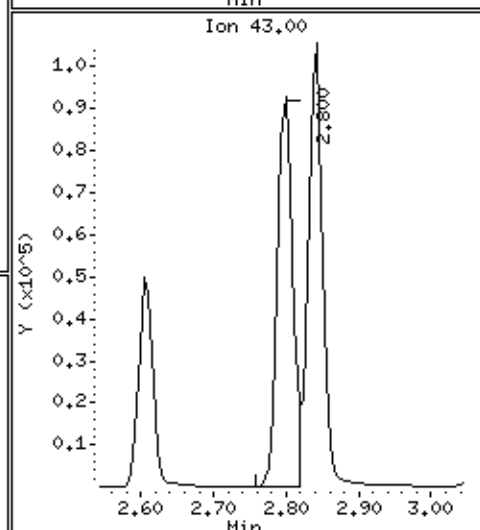
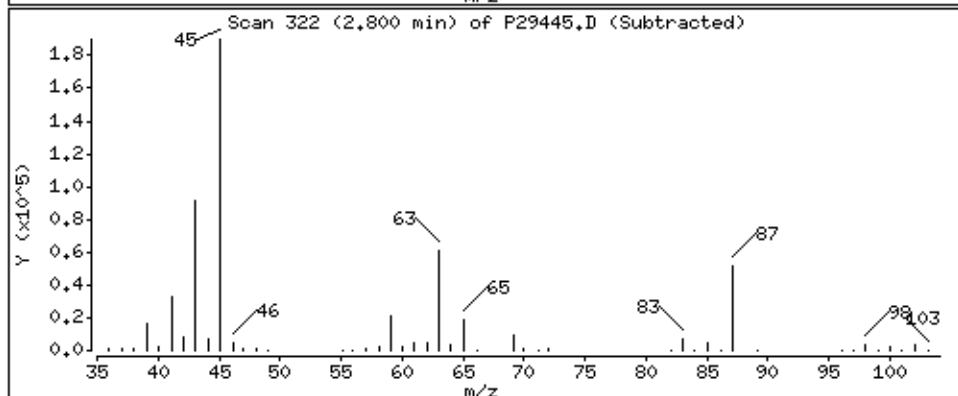
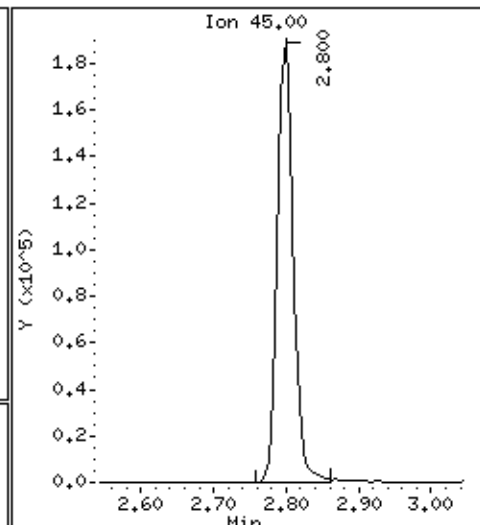
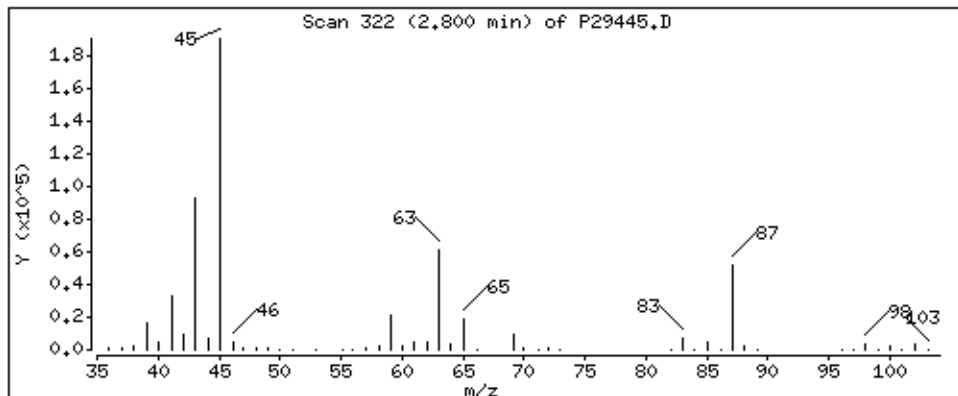
Column phase: RTX-624

Column diameter: 0,18

29 Diisopropyl ether

Concentration: 54,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

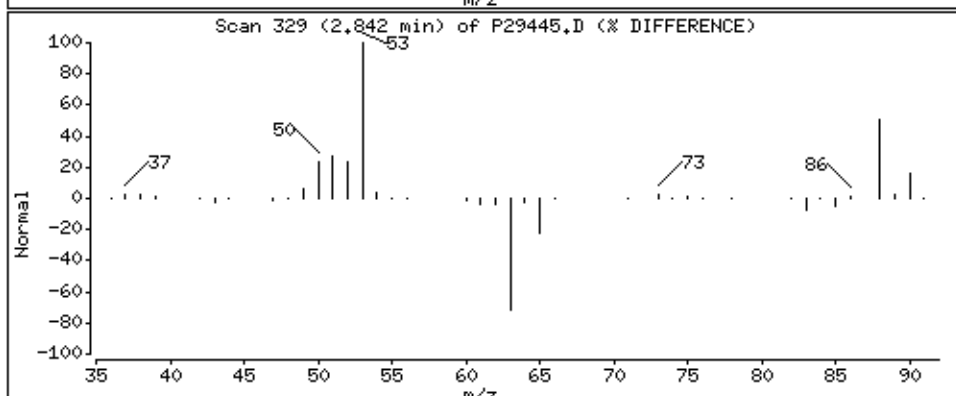
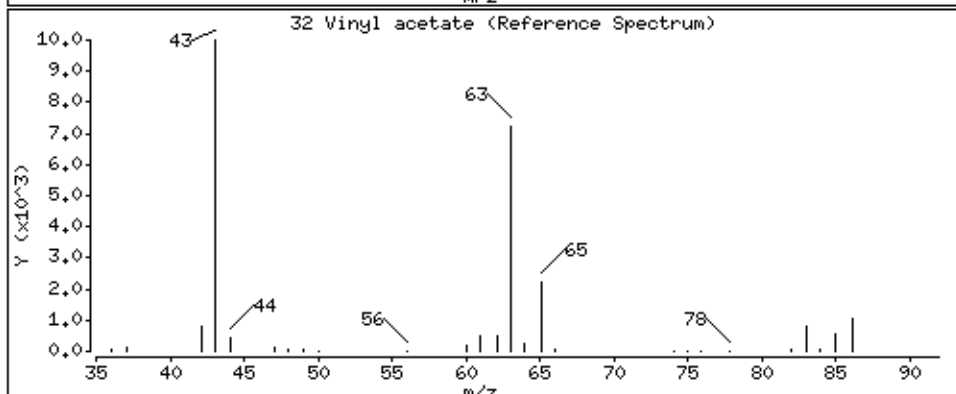
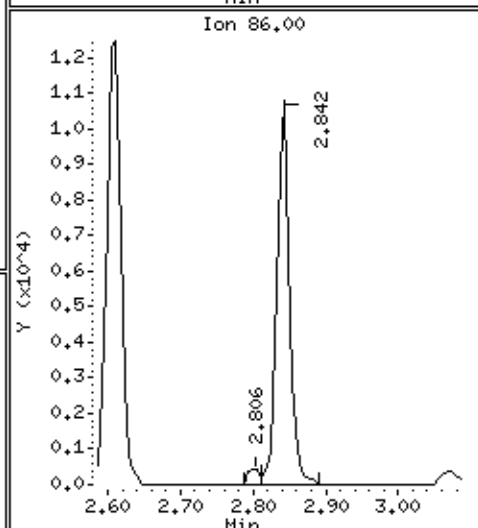
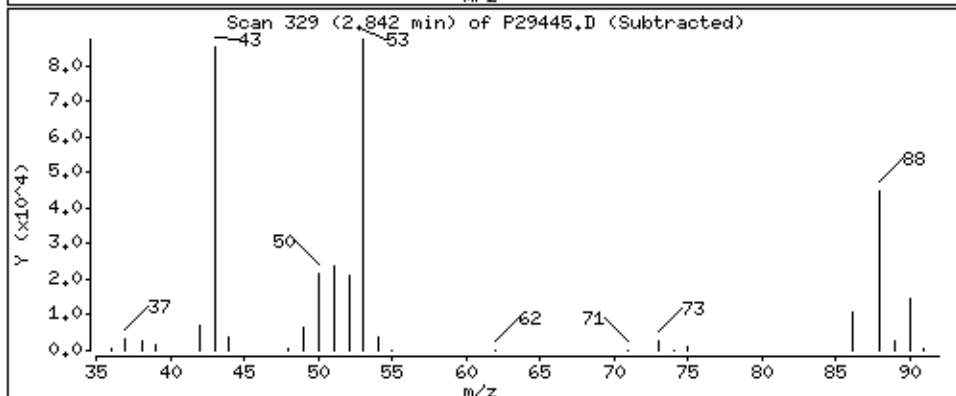
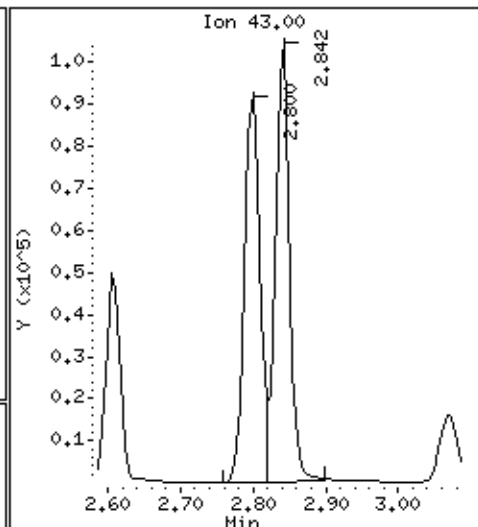
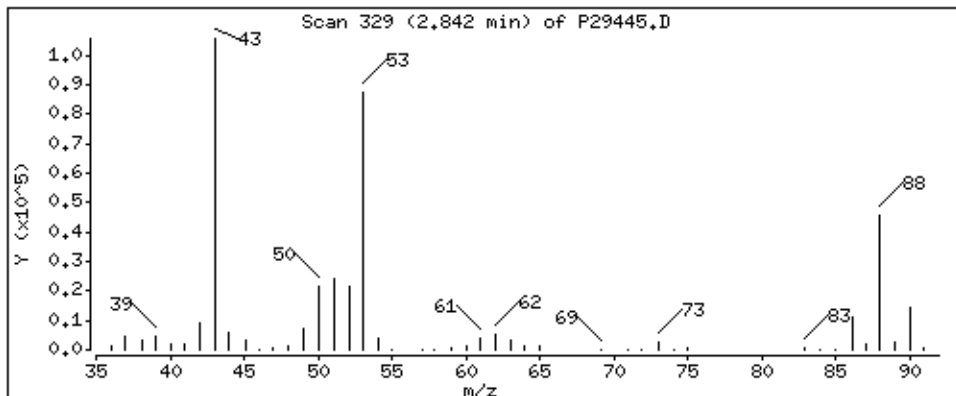
Column phase: RTX-624

Column diameter: 0,18

32 Vinyl acetate

Concentration: 44,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

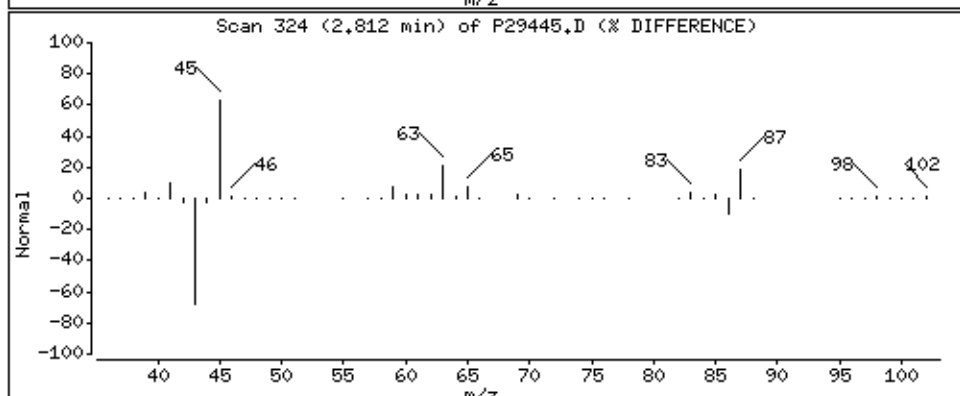
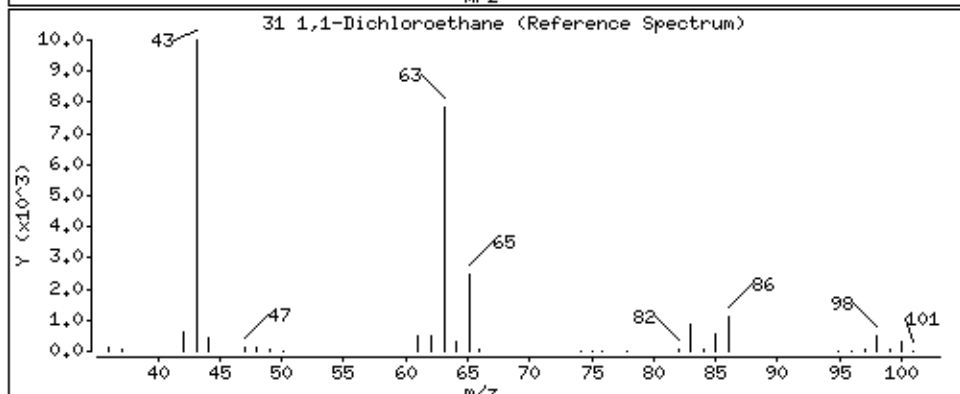
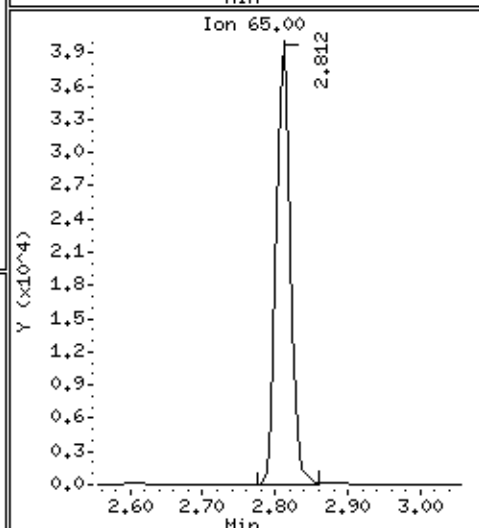
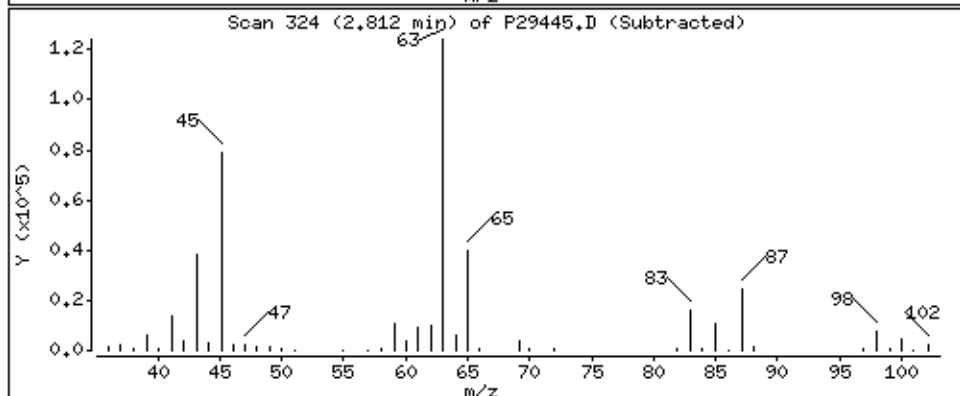
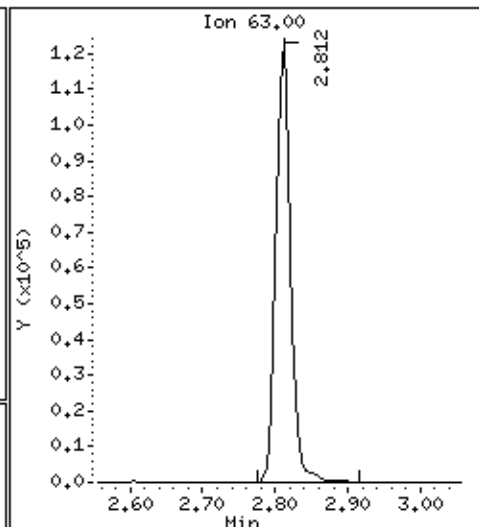
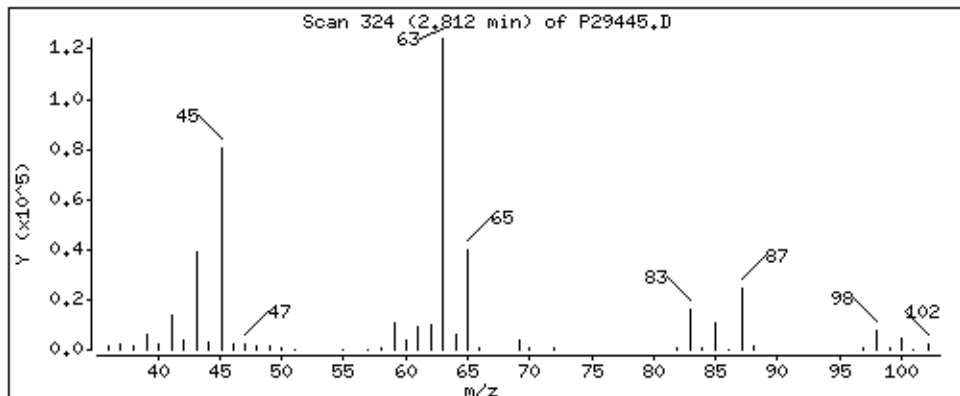
Column phase: RTX-624

Column diameter: 0,18

31 1,1-Dichloroethane

Concentration: 59,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

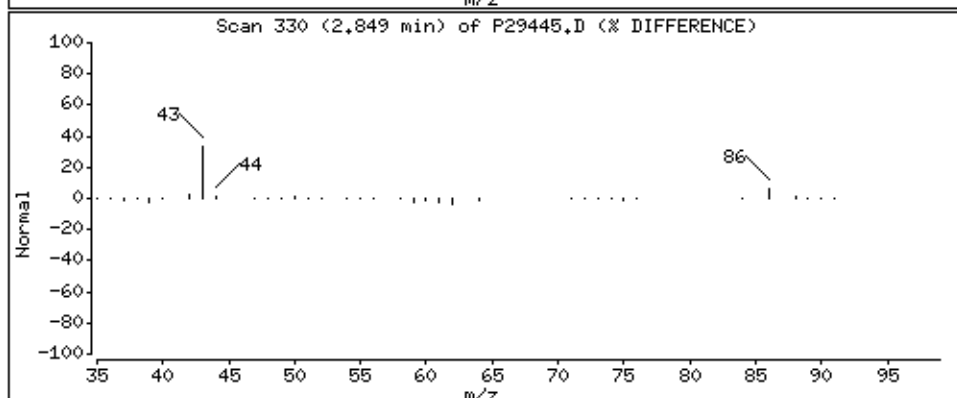
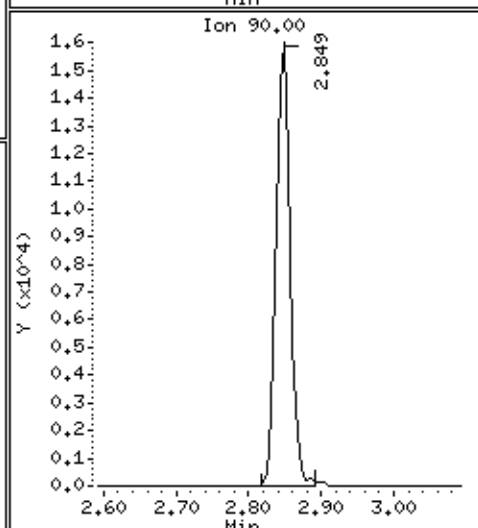
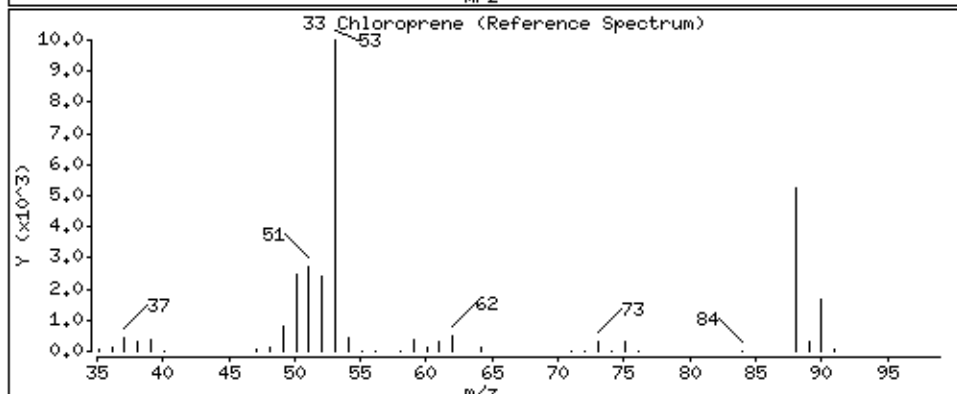
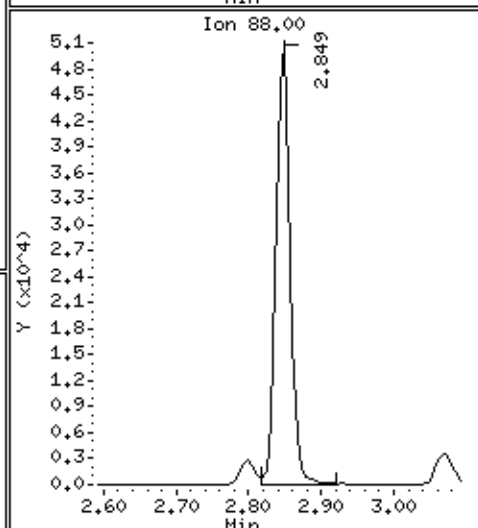
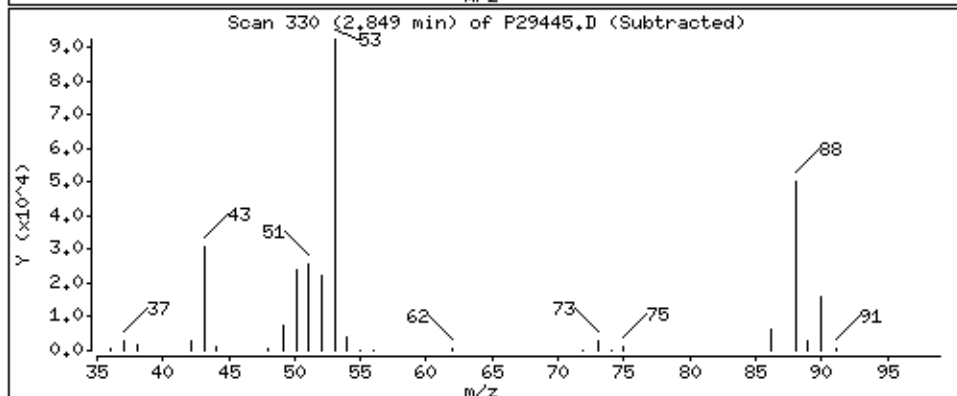
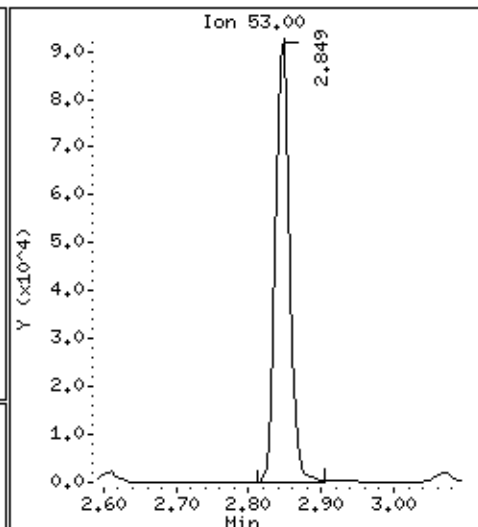
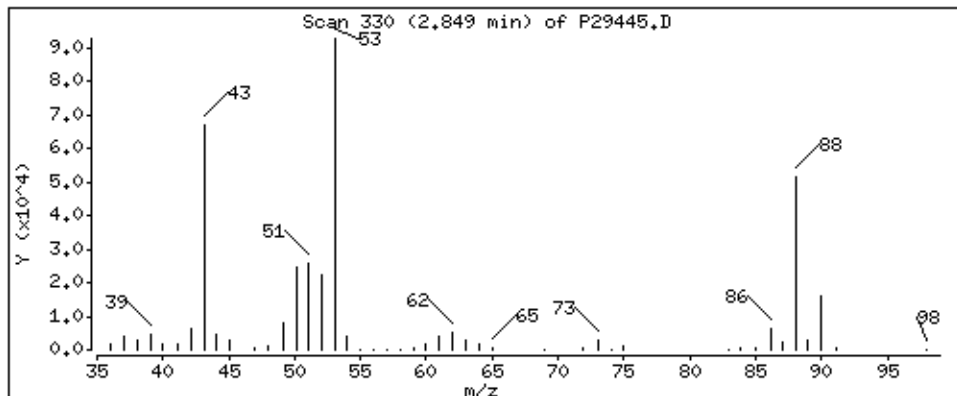
Column phase: RTX-624

Column diameter: 0.18

33 Chloroprene

Concentration: 51.8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

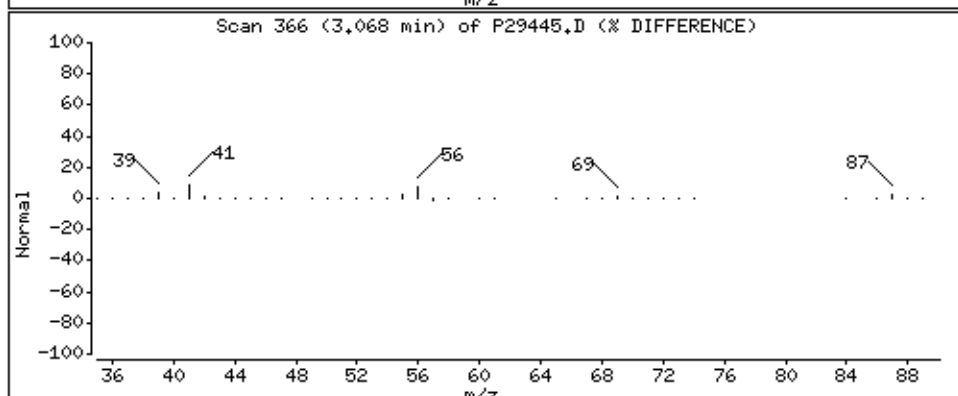
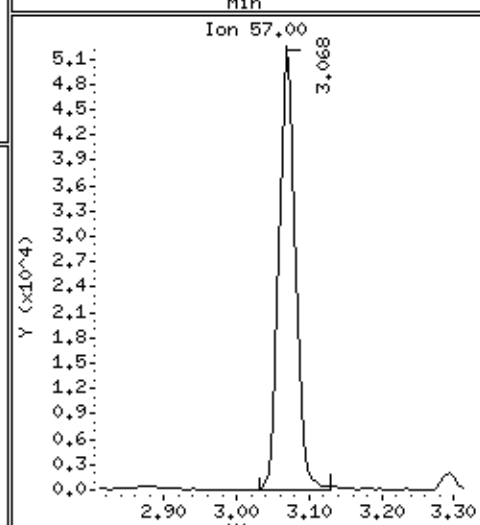
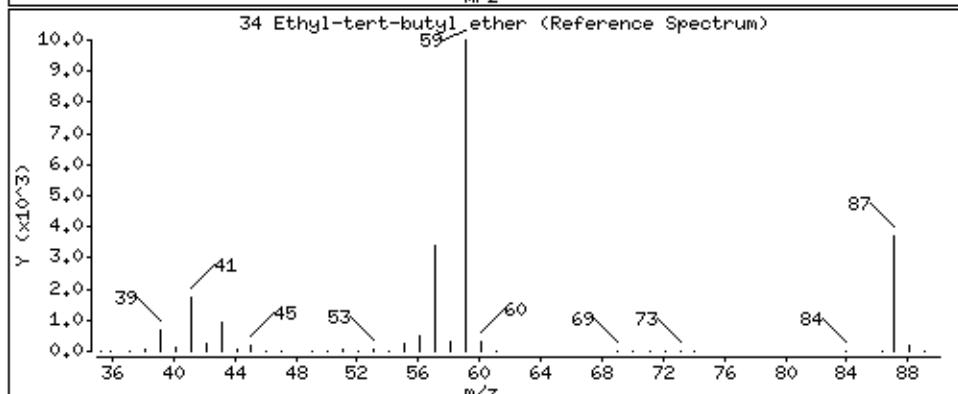
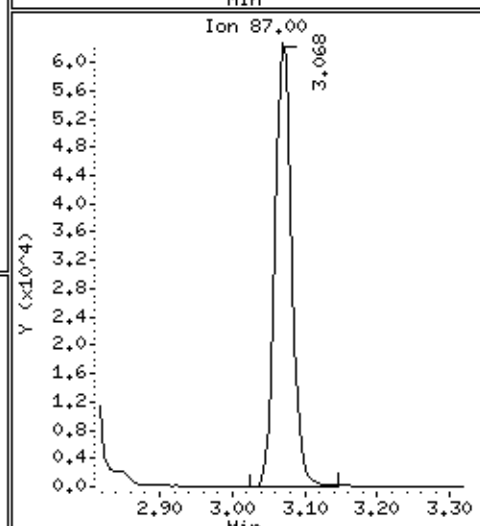
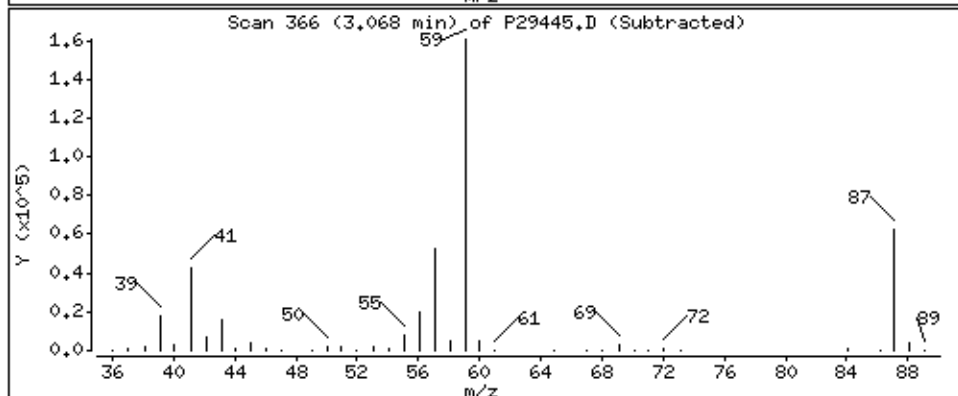
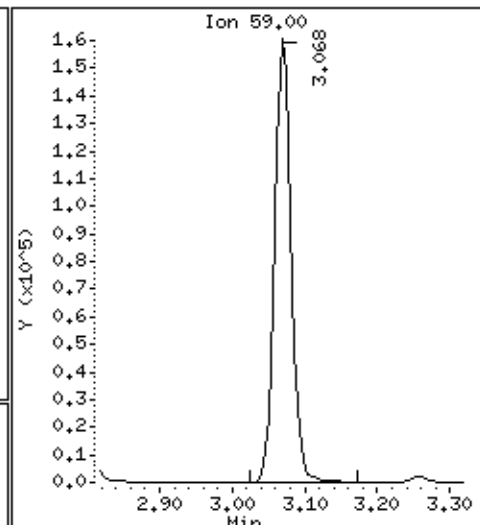
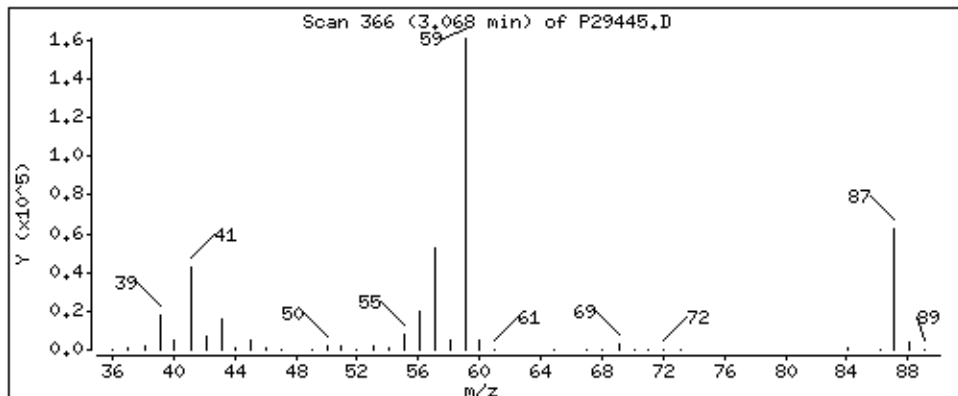
Column phase: RTX-624

Column diameter: 0,18

34 Ethyl-tert-butyl ether

Concentration: 46,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5,0

Operator: BBL

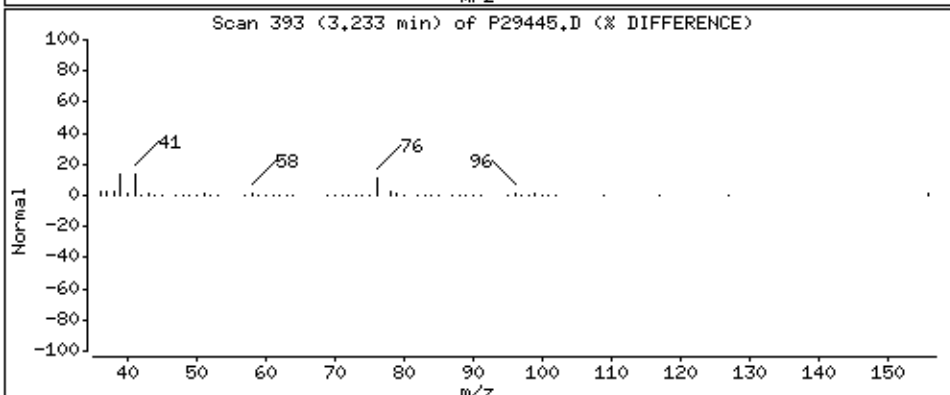
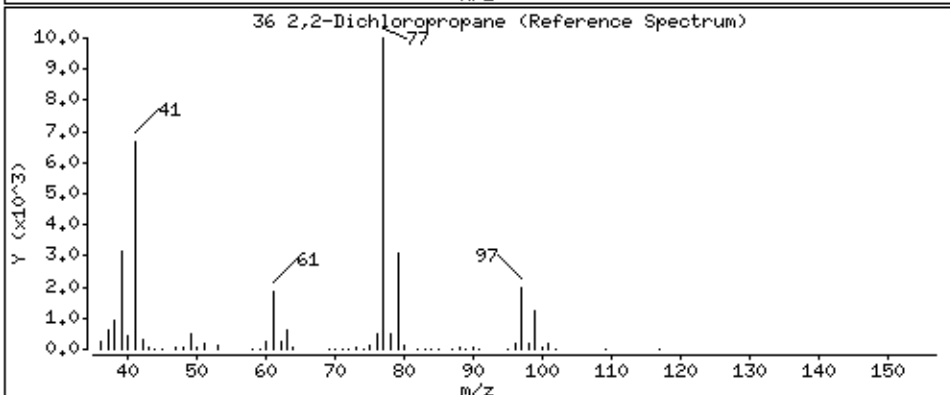
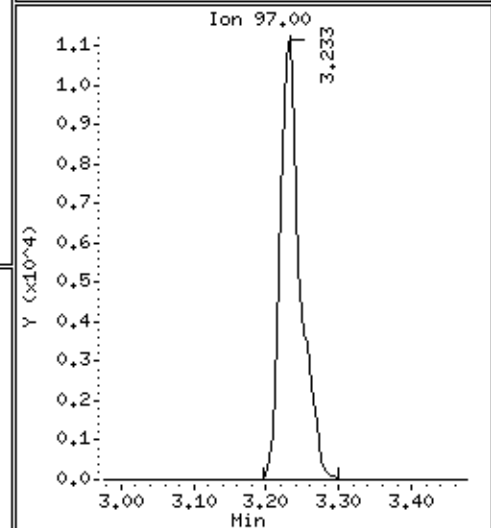
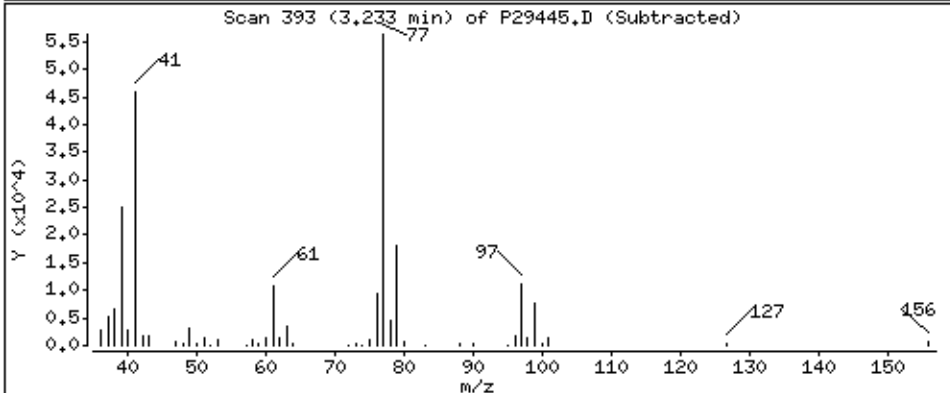
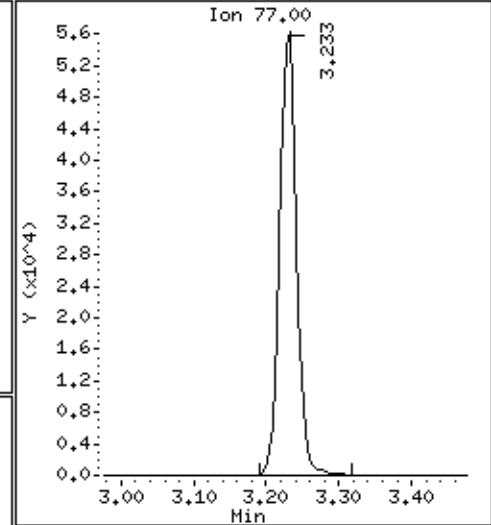
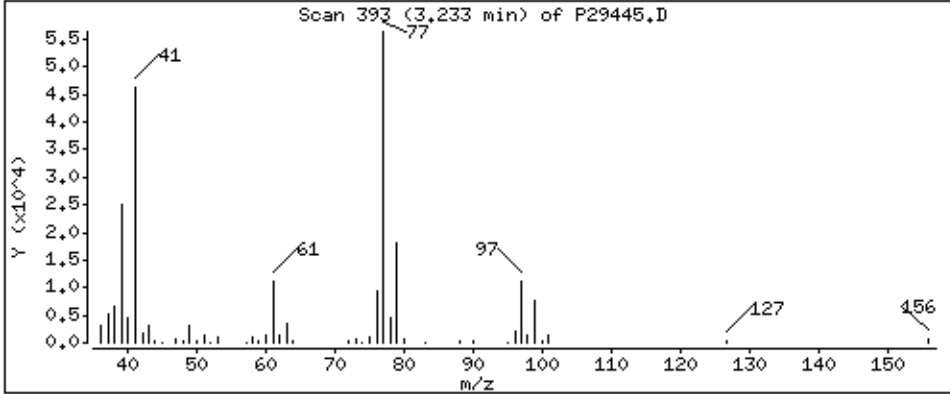
Column phase: RTX-624

Column diameter: 0,18

36 2,2-Dichloropropane

Concentration: 33,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

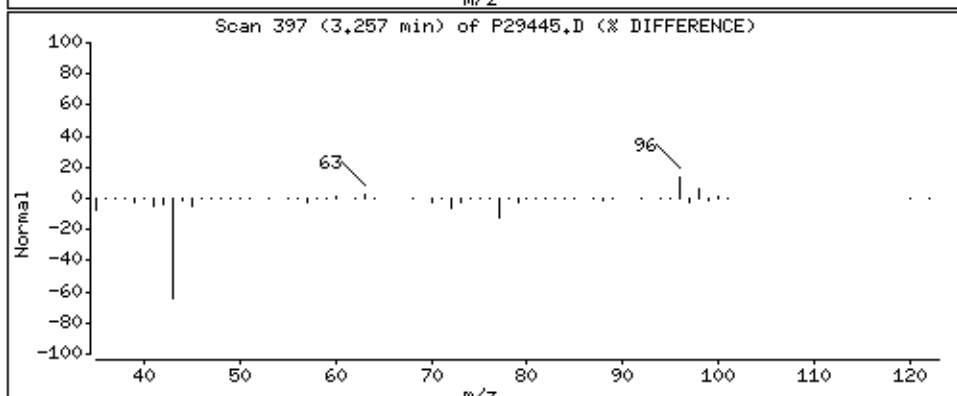
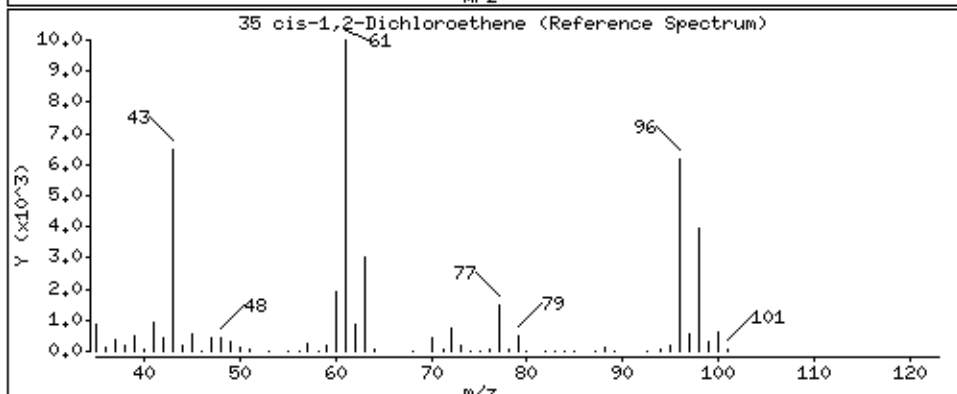
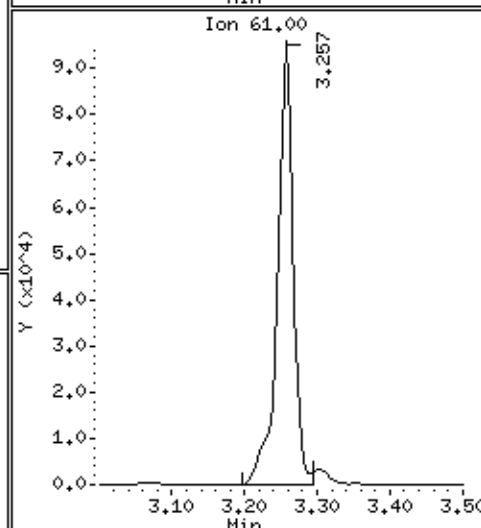
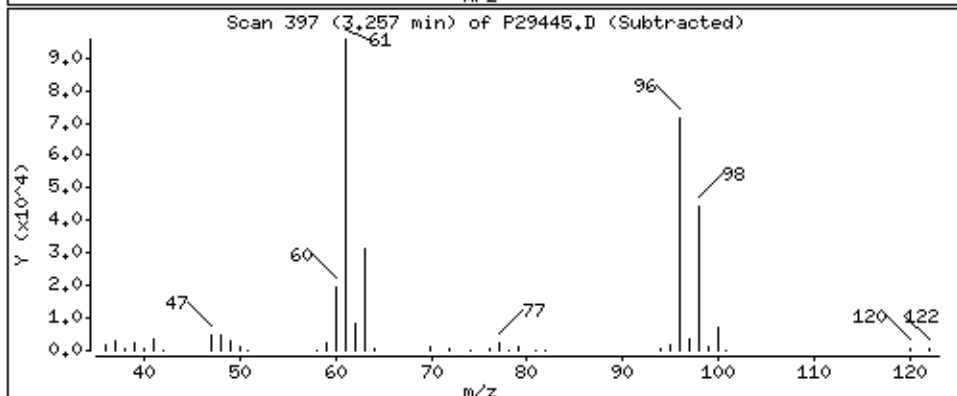
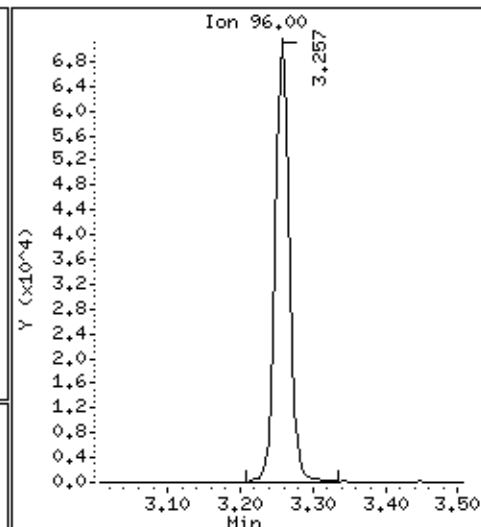
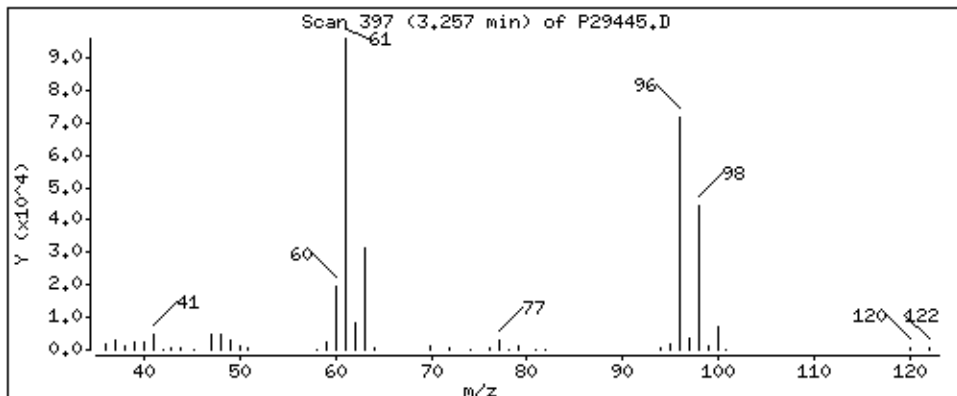
Column phase: RTX-624

Column diameter: 0,18

35 cis-1,2-Dichloroethene

Concentration: 51,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

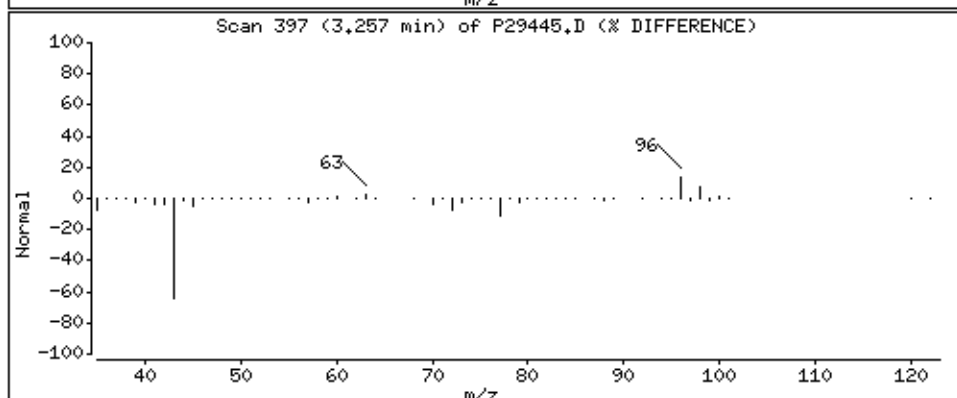
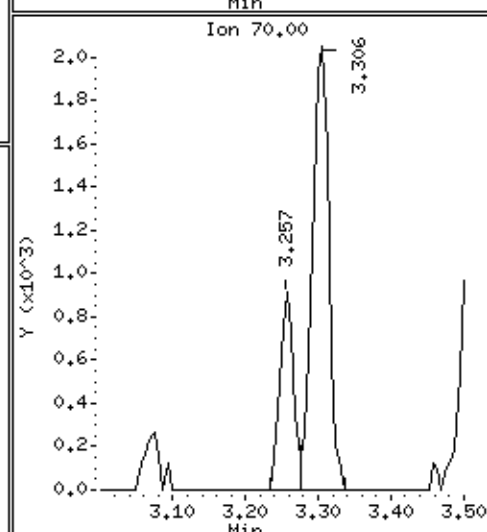
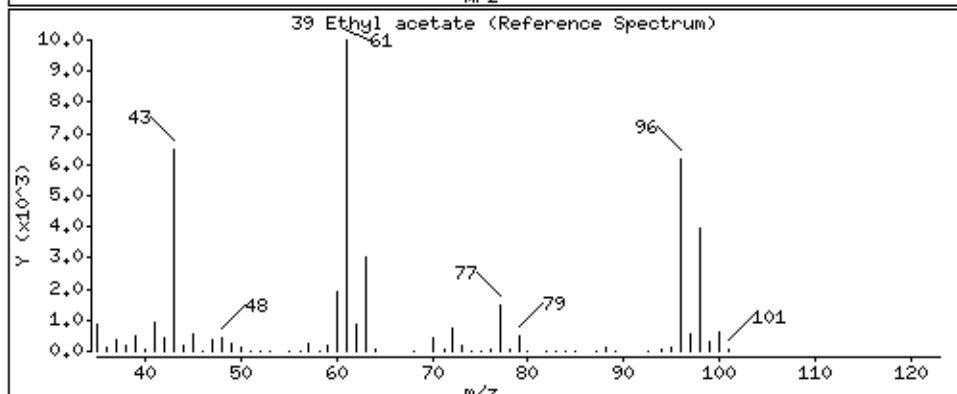
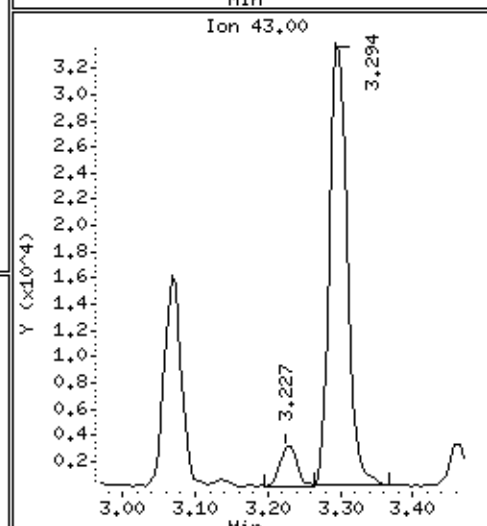
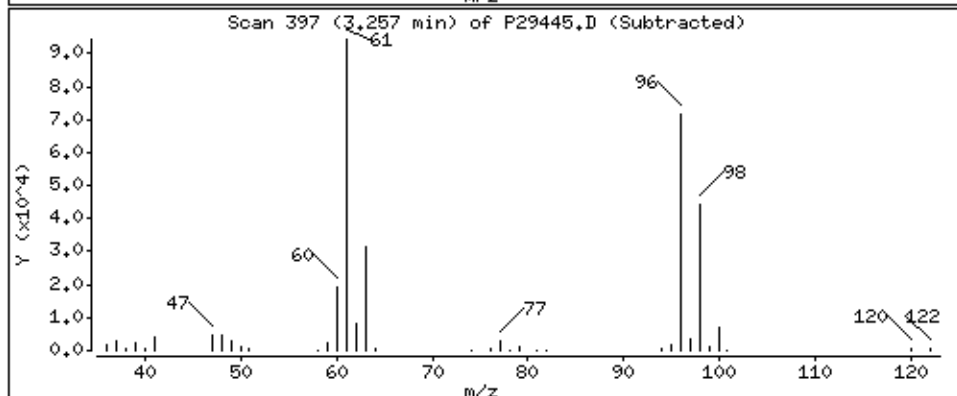
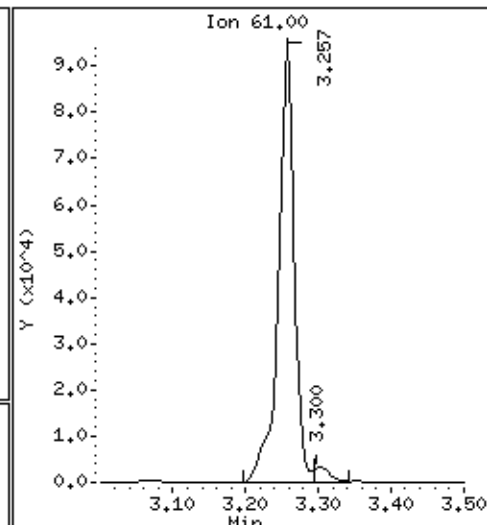
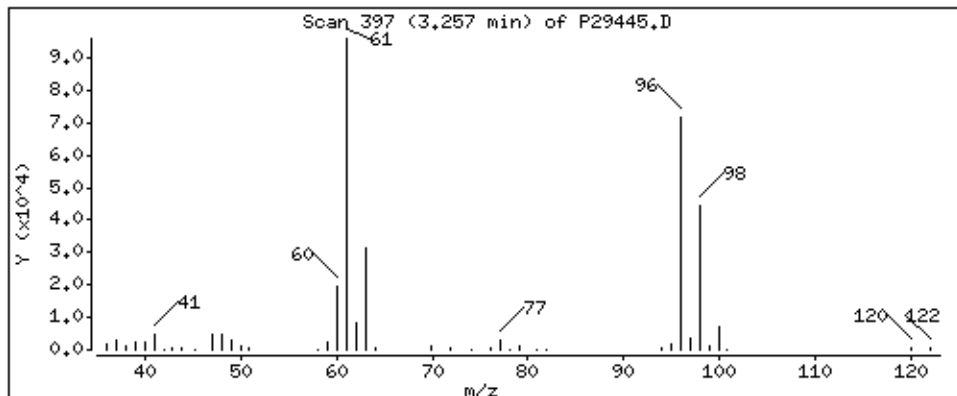
Column phase: RTX-624

Column diameter: 0,18

39 Ethyl acetate

Concentration: 53,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

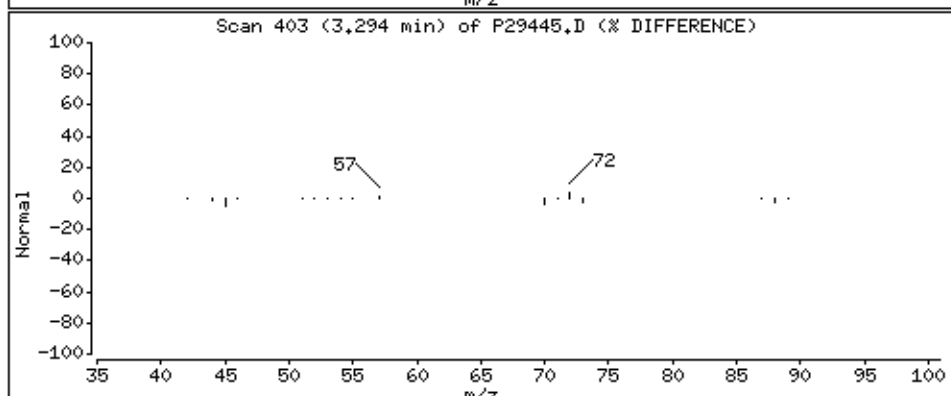
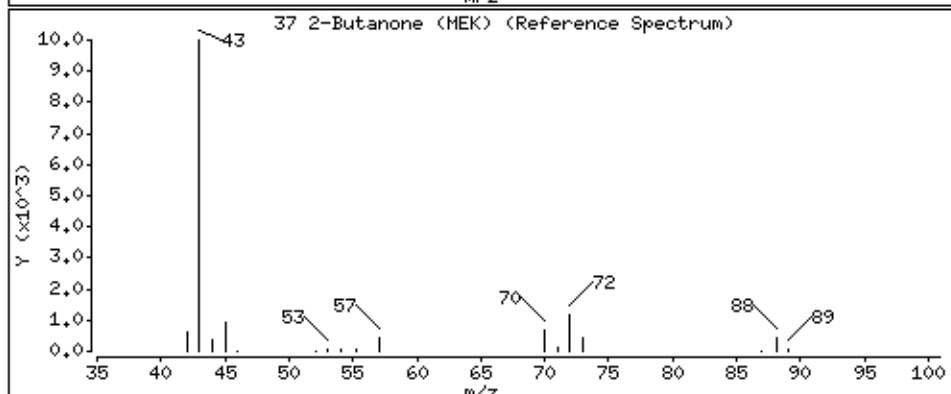
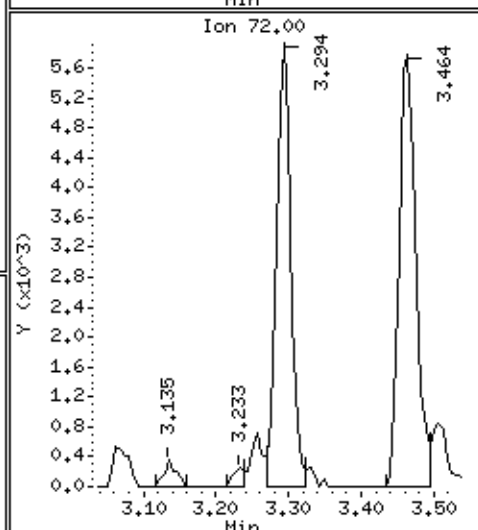
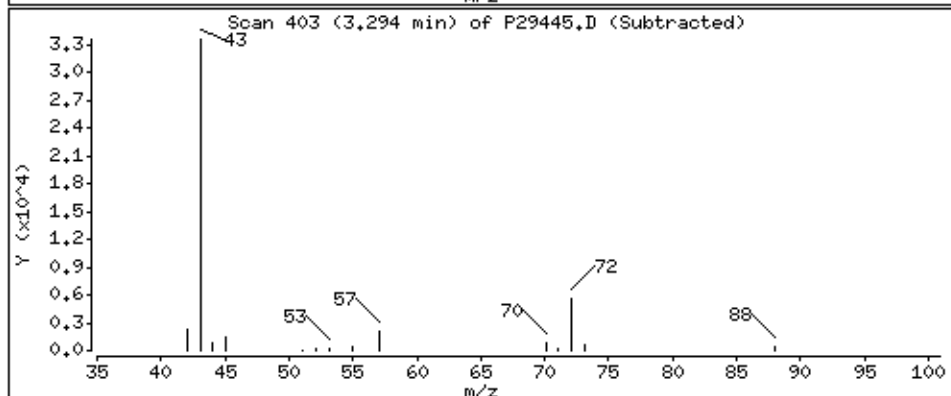
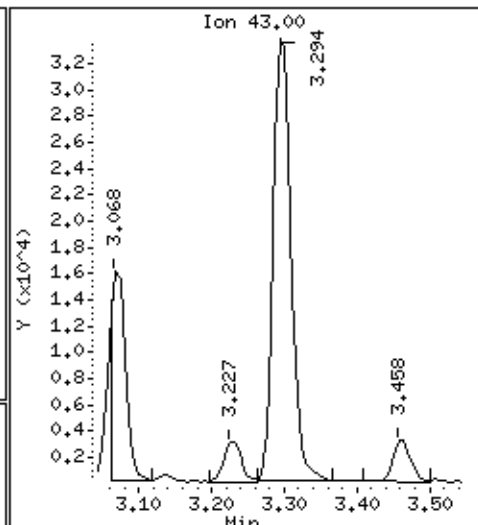
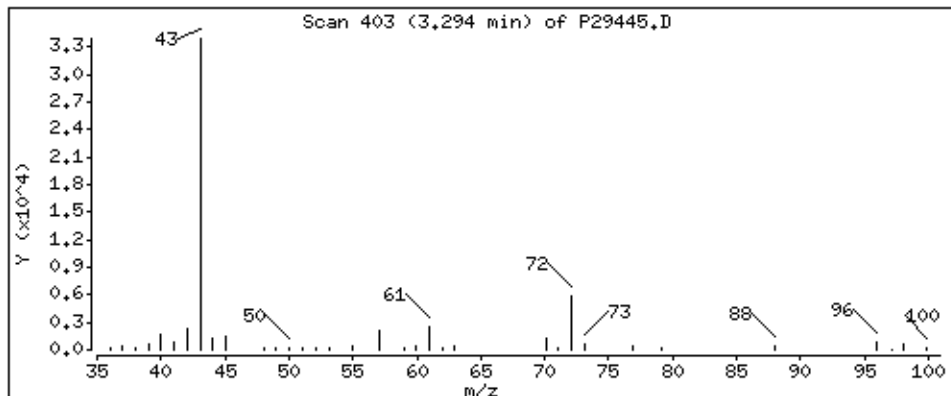
Column phase: RTX-624

Column diameter: 0,18

37 2-Butanone (MEK)

Concentration: 36,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDHSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

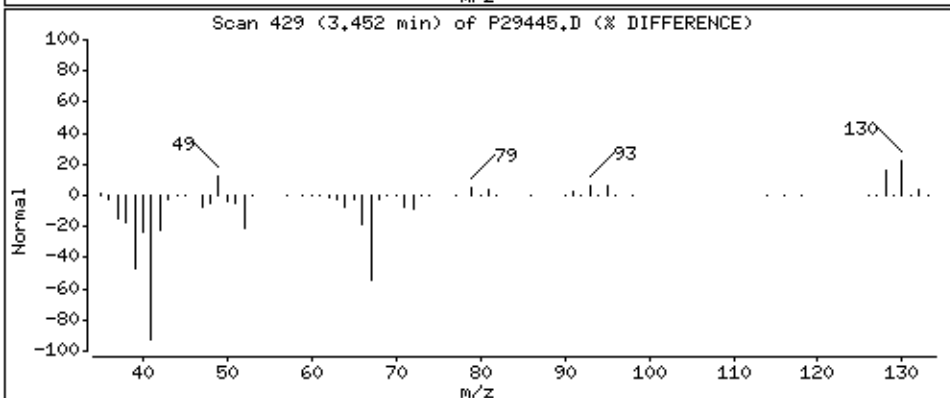
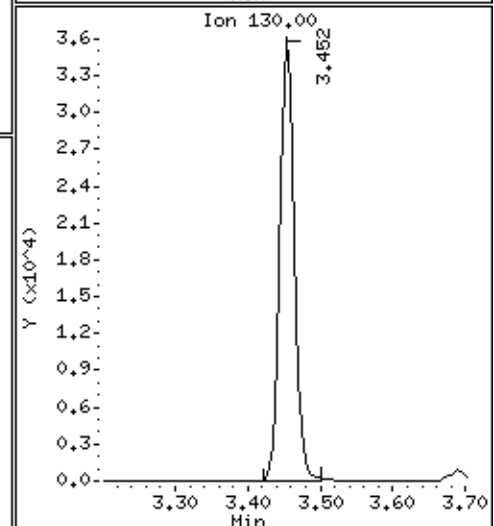
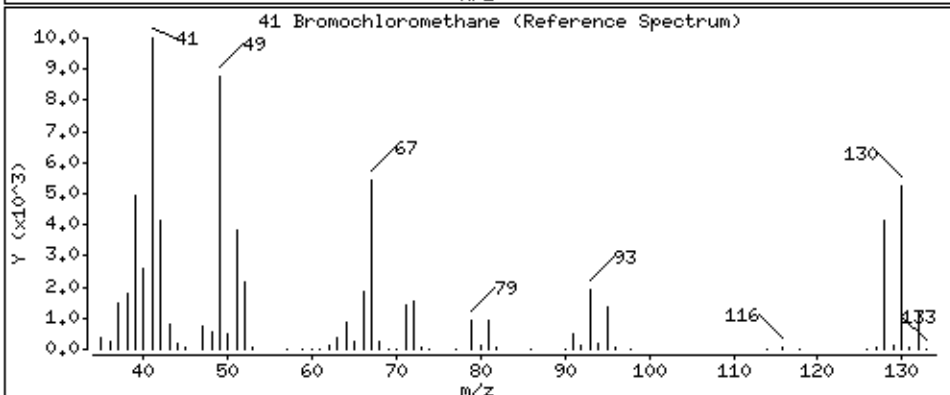
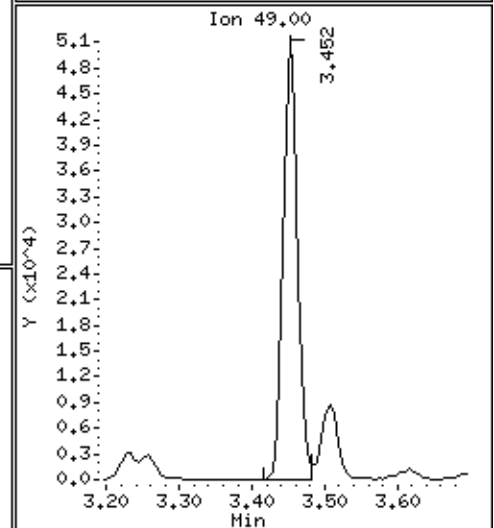
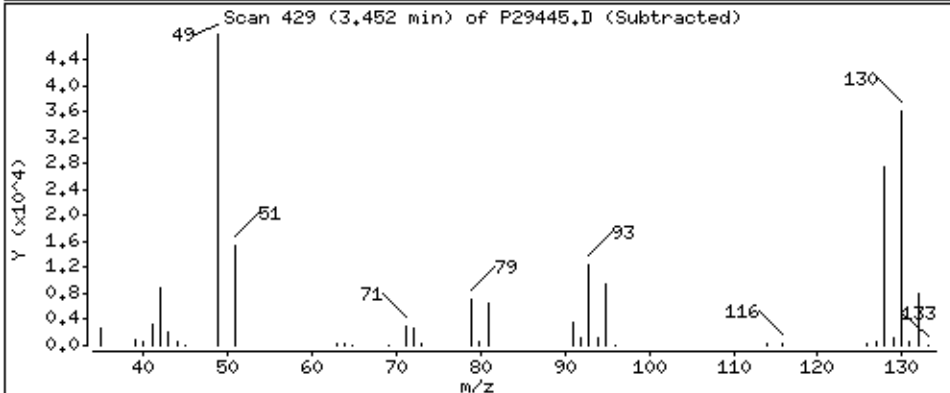
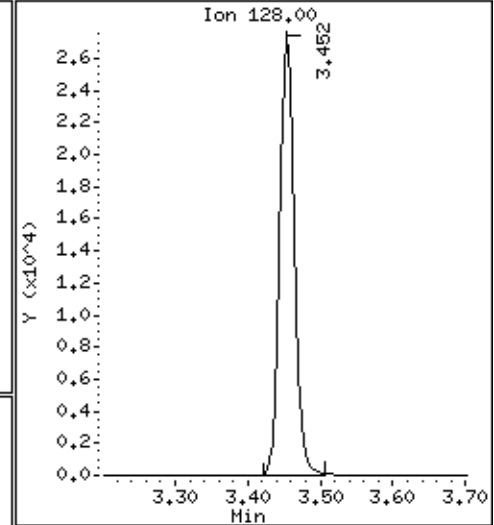
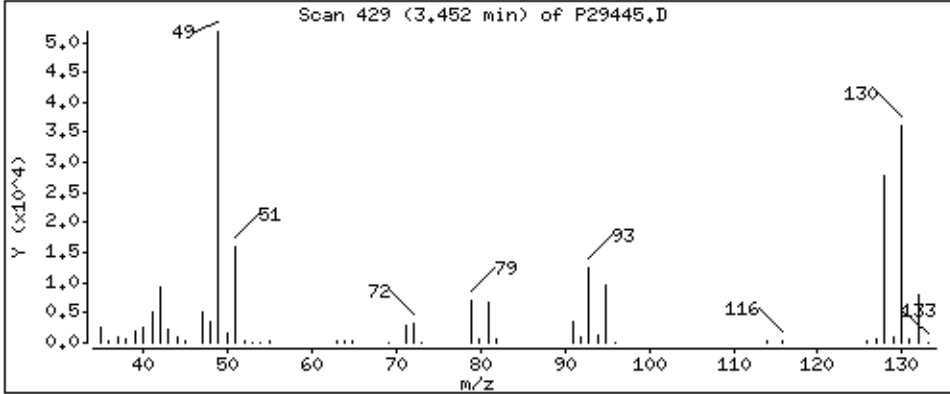
Column phase: RTX-624

Column diameter: 0,18

41 Bromochloromethane

Concentration: 47,5 ug/L

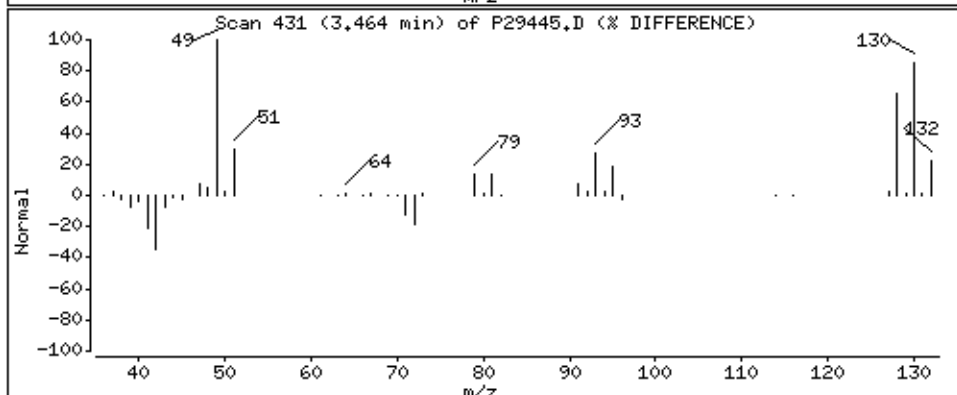
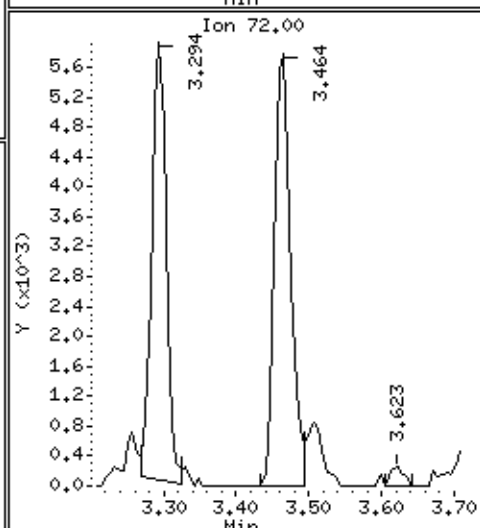
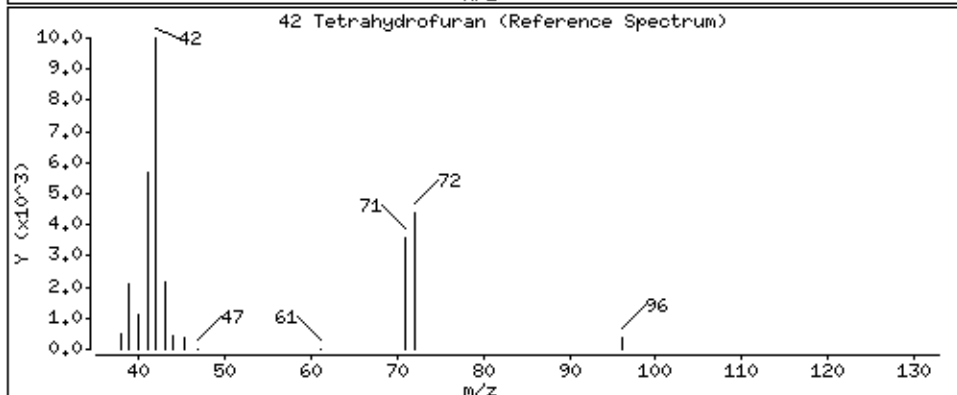
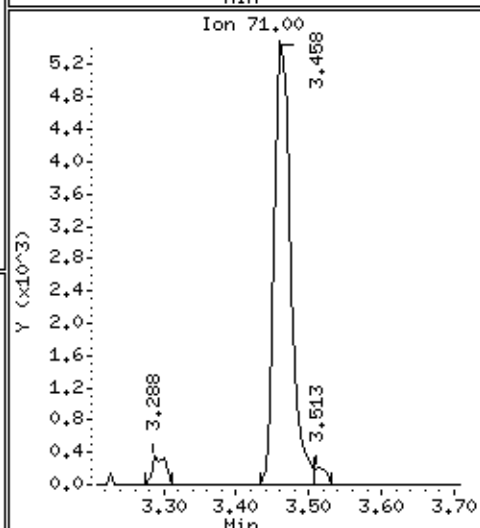
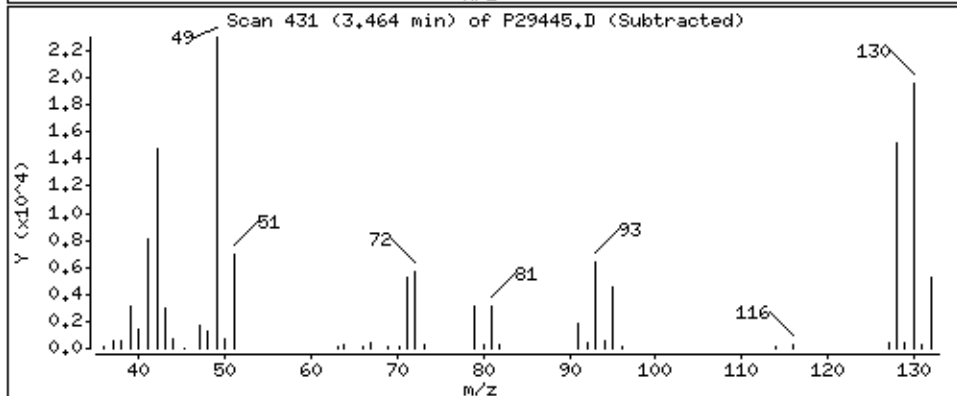
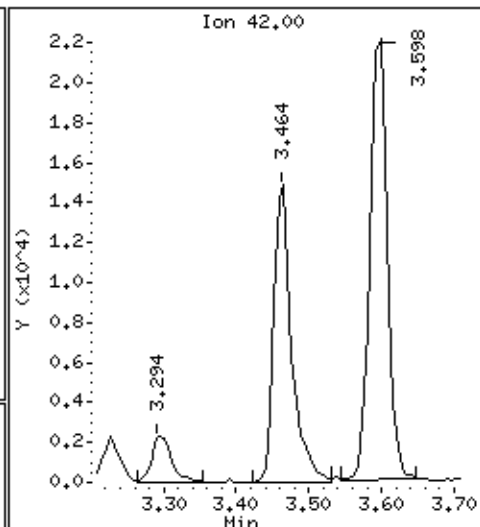
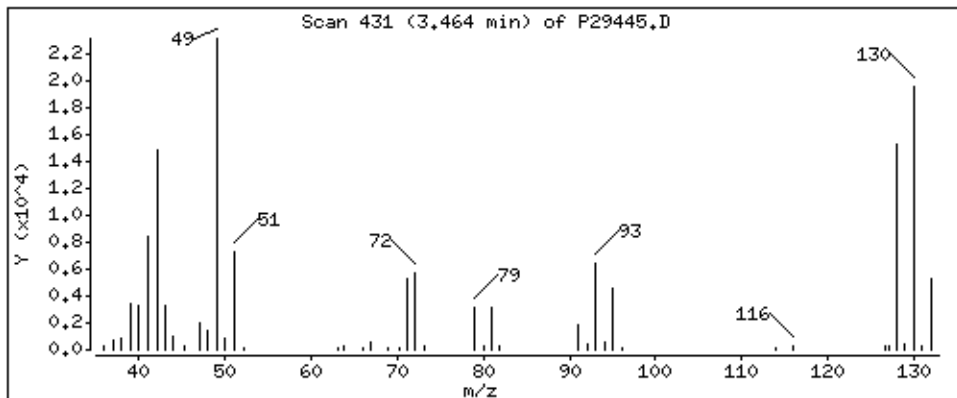
Review Code:



42 Tetrahydrofuran

Concentration: 66,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

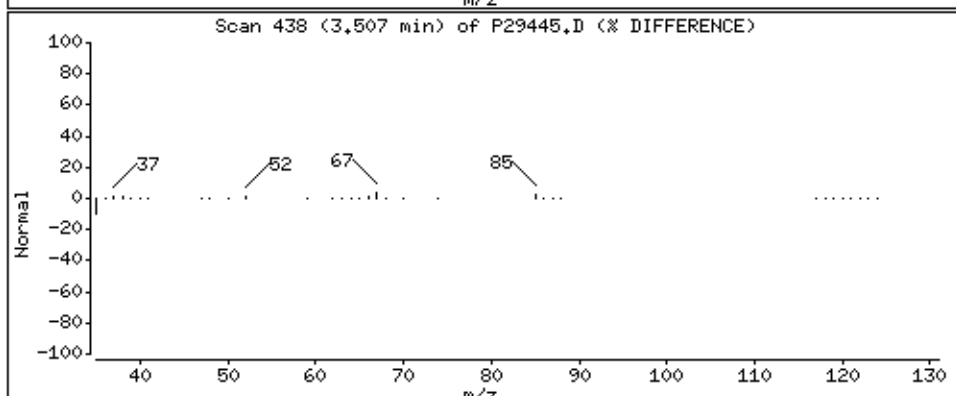
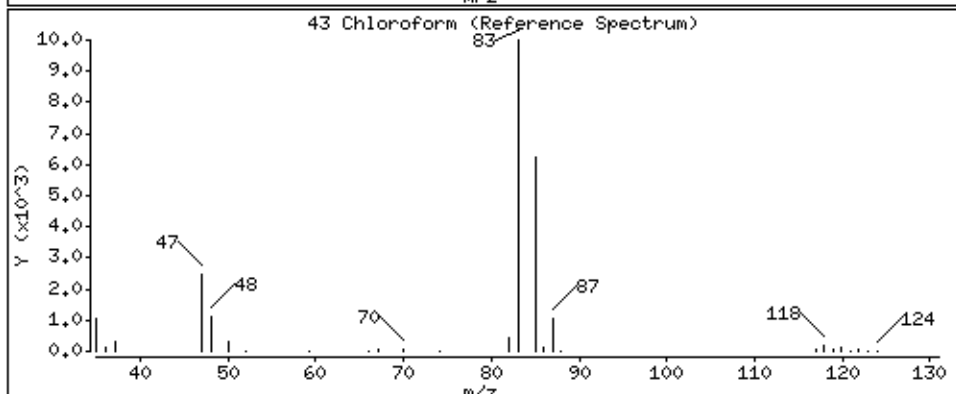
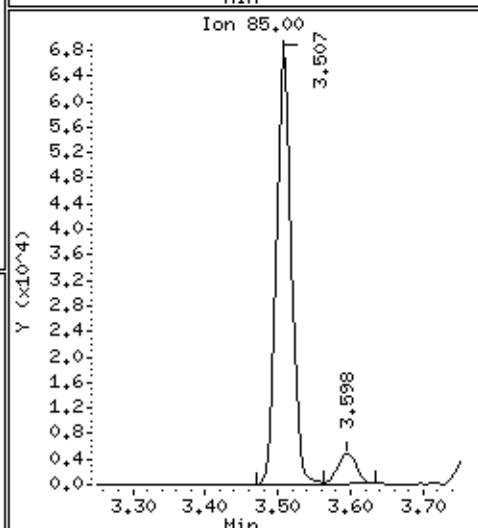
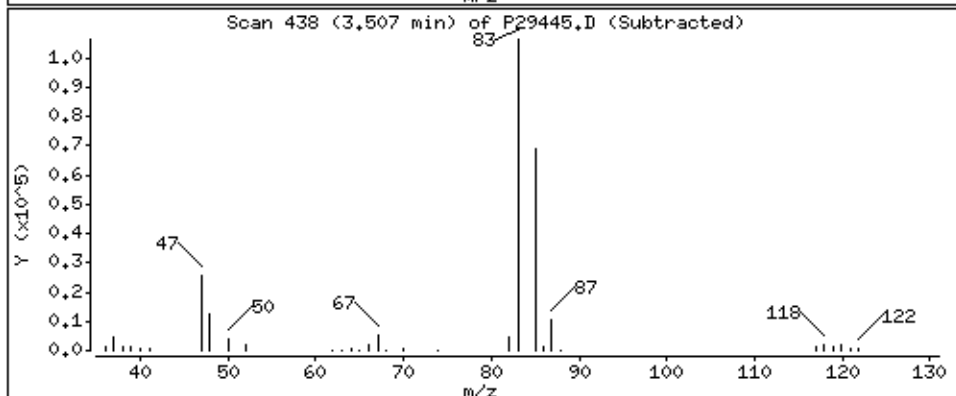
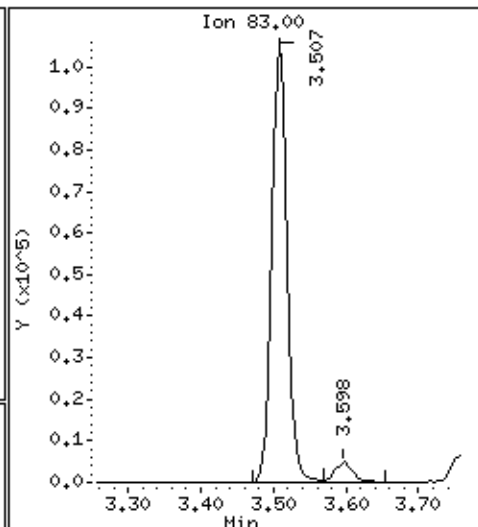
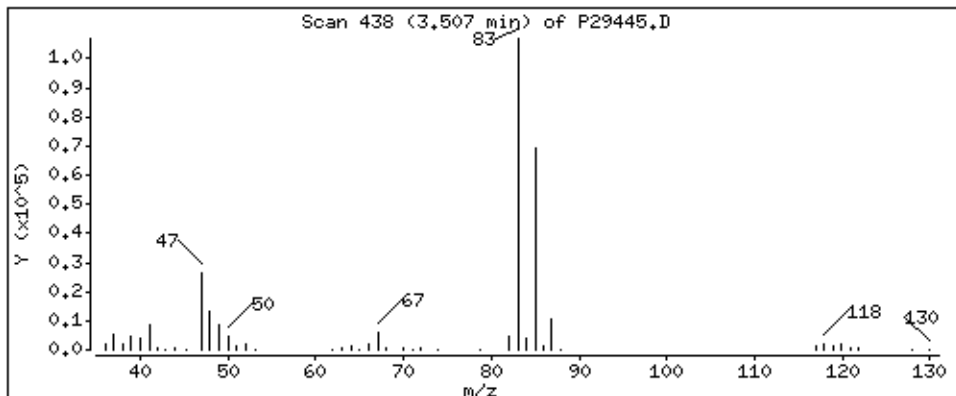
Column phase: RTX-624

Column diameter: 0,18

43 Chloroform

Concentration: 50,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

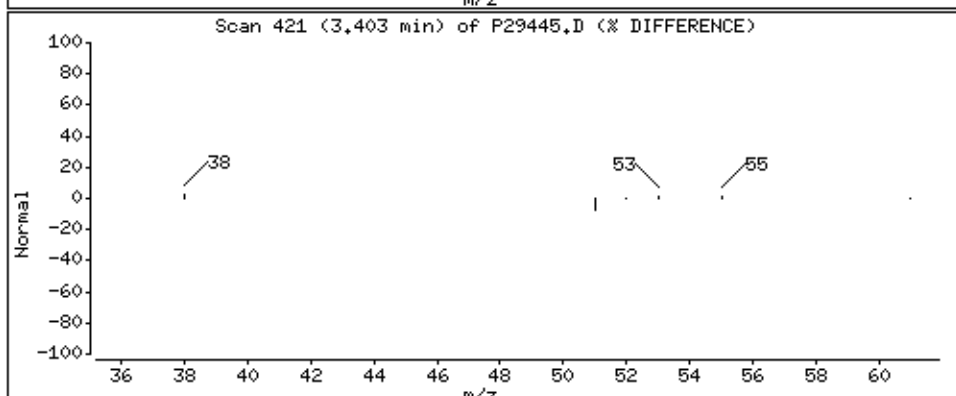
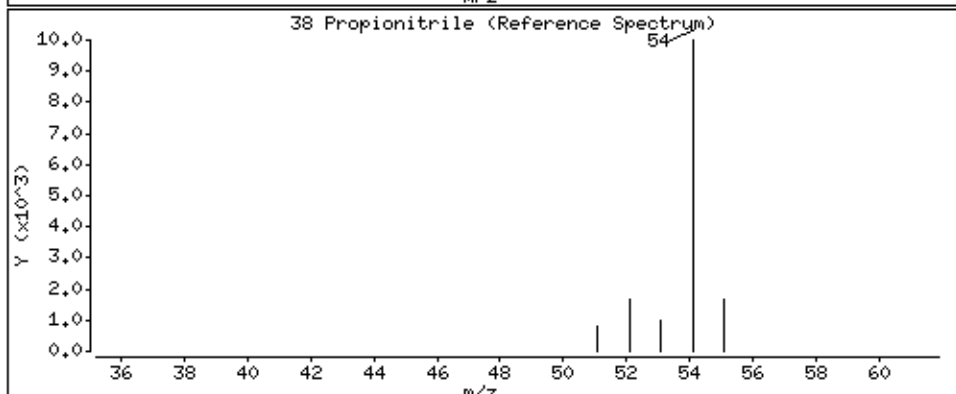
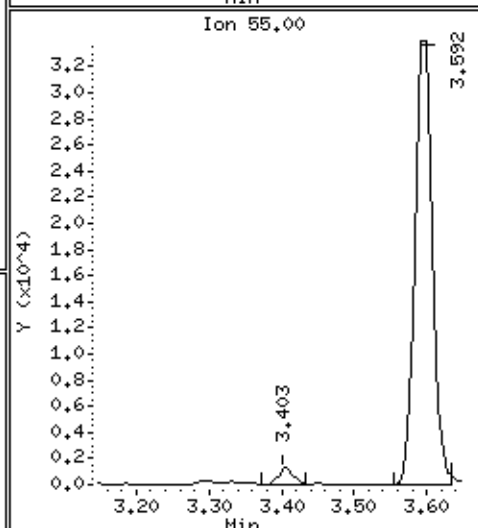
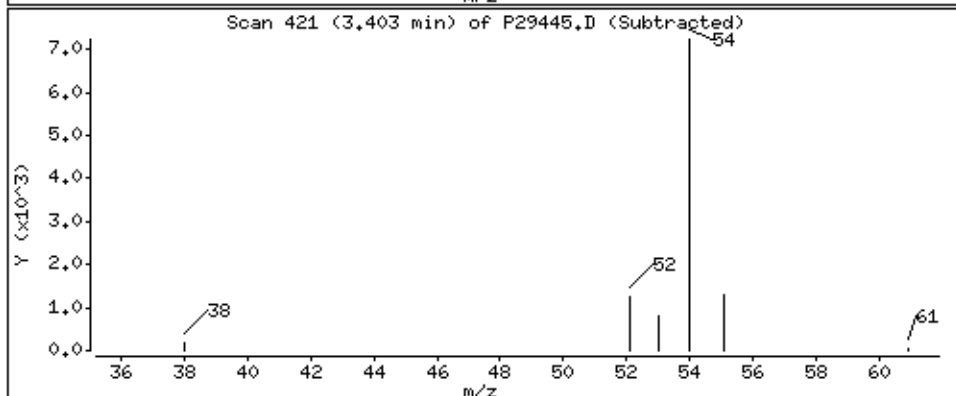
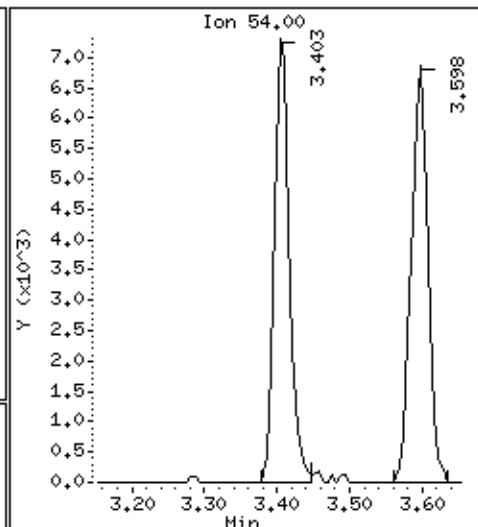
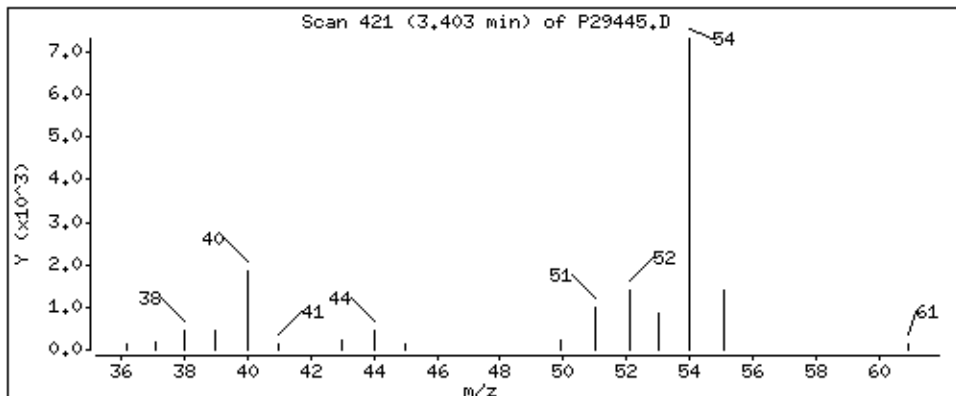
Column phase: RTX-624

Column diameter: 0,18

38 Propionitrile

Concentration: 57,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

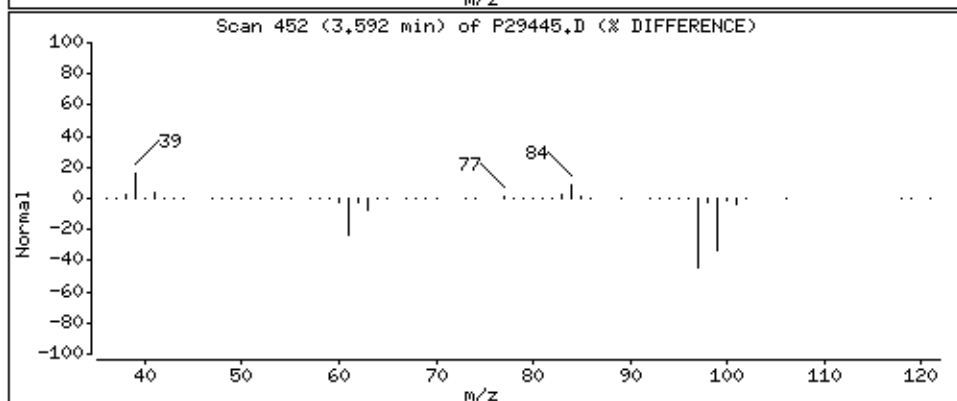
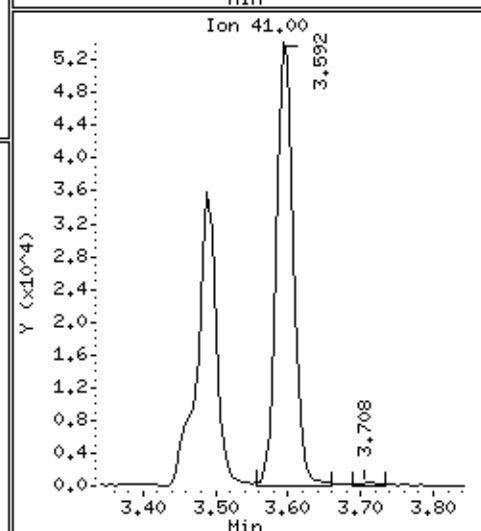
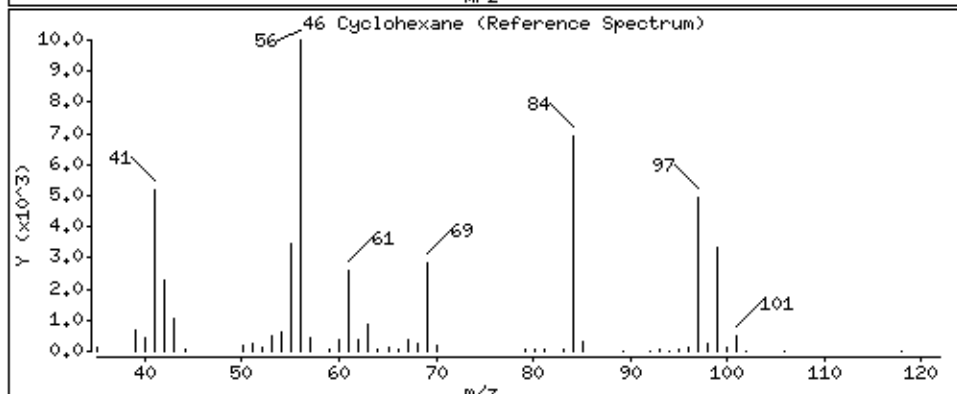
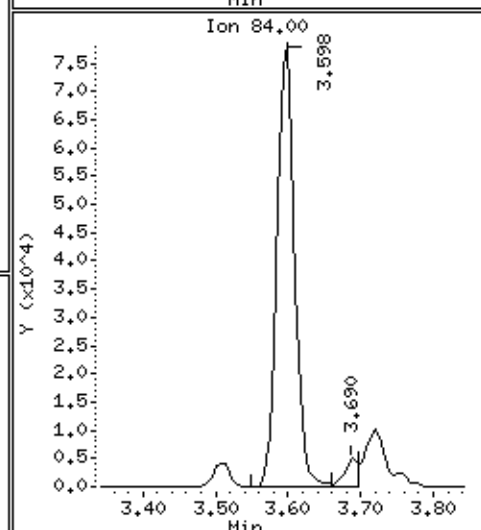
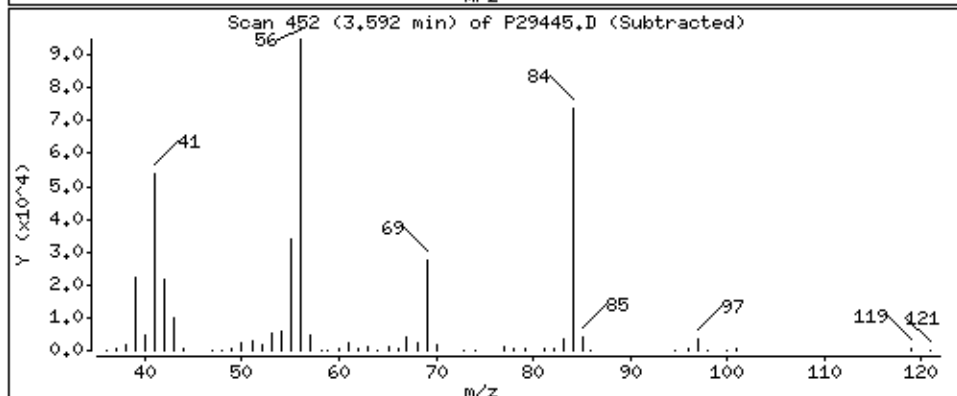
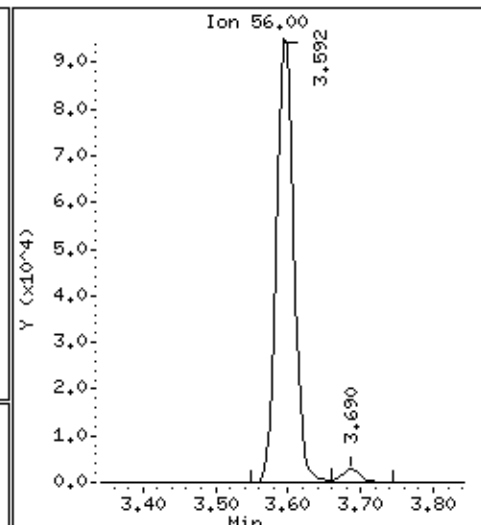
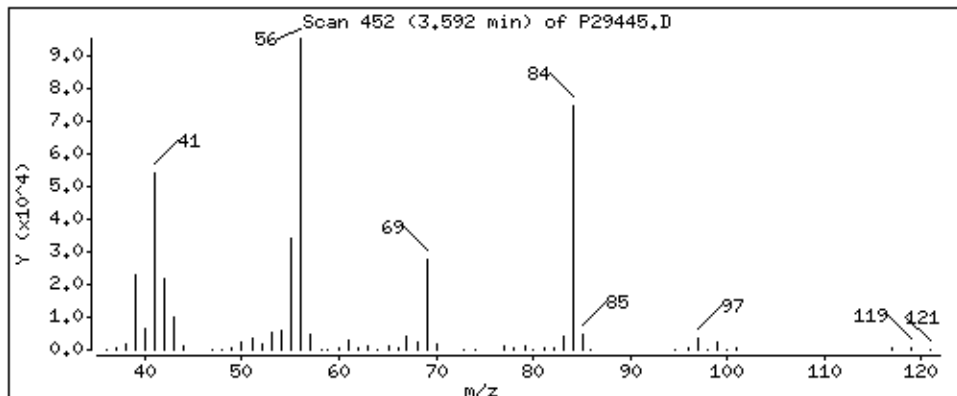
Column phase: RTX-624

Column diameter: 0,18

46 Cyclohexane

Concentration: 51,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

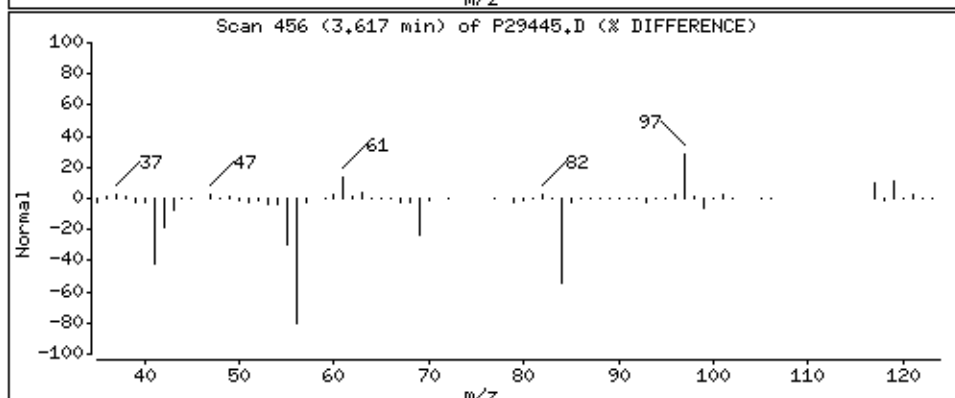
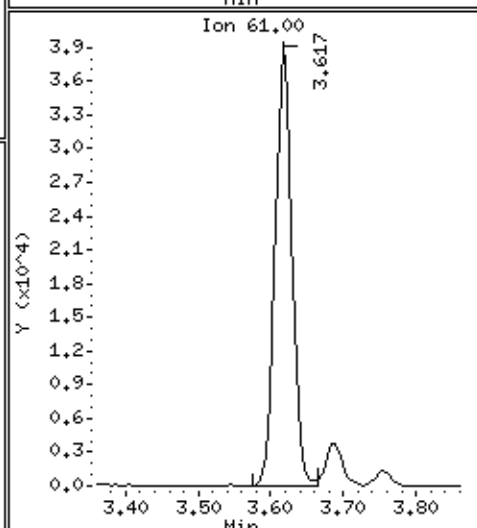
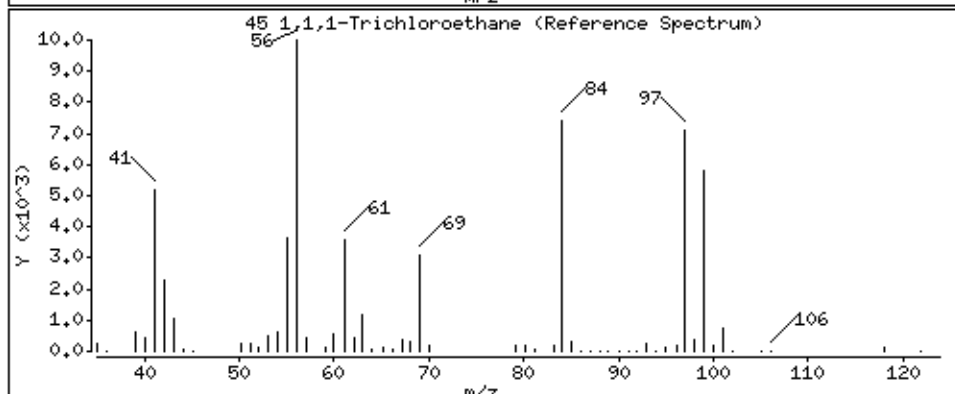
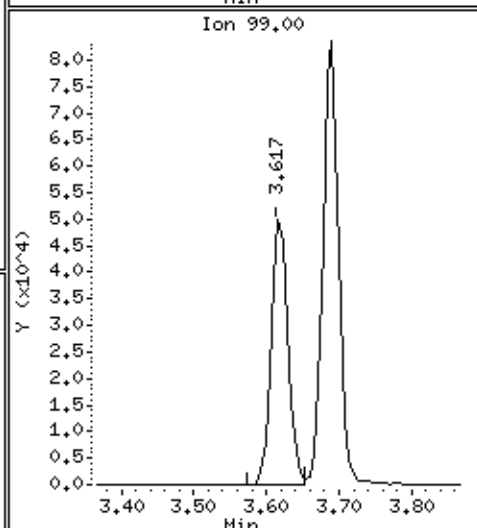
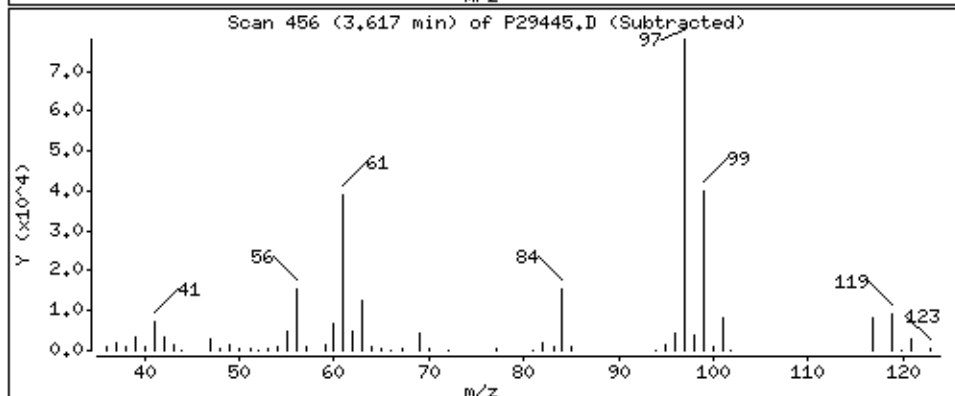
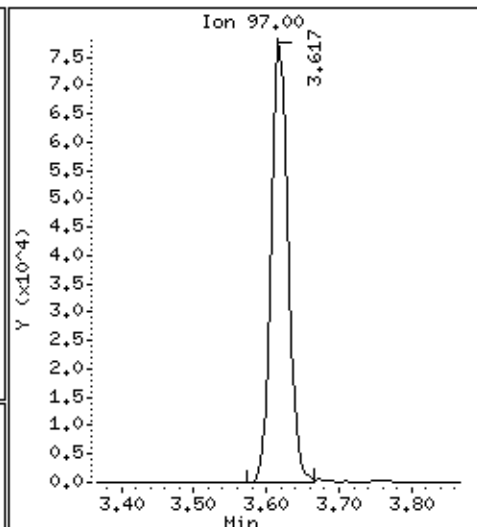
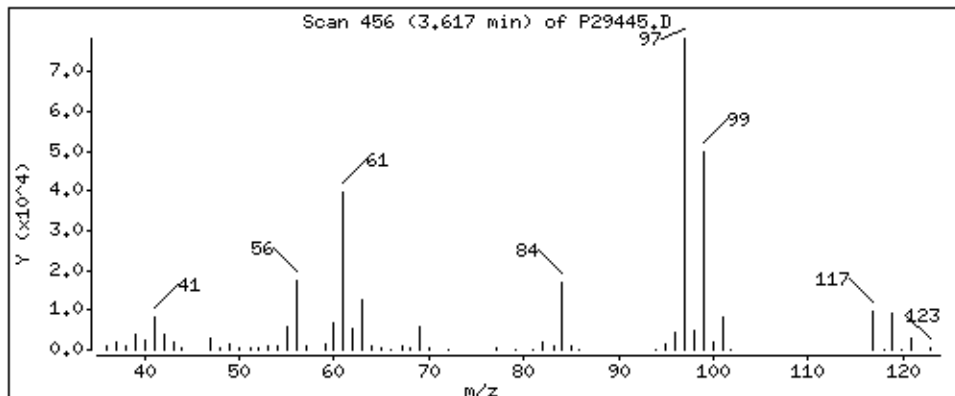
Column phase: RTX-624

Column diameter: 0,18

45 1,1,1-Trichloroethane

Concentration: 46,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

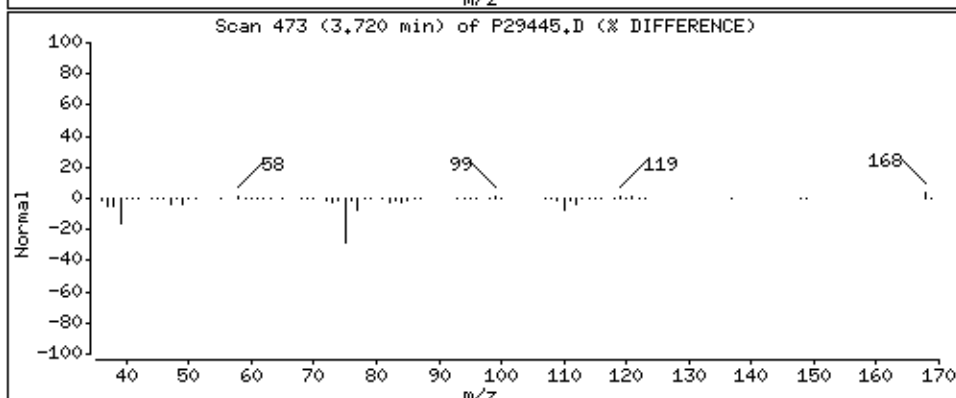
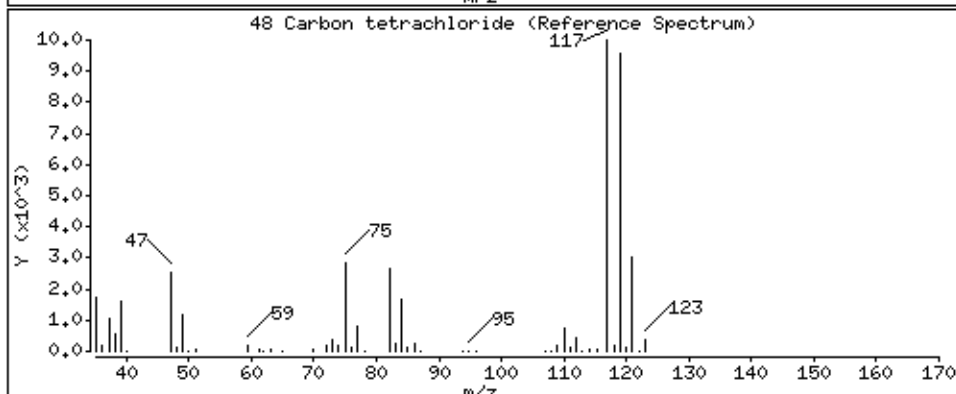
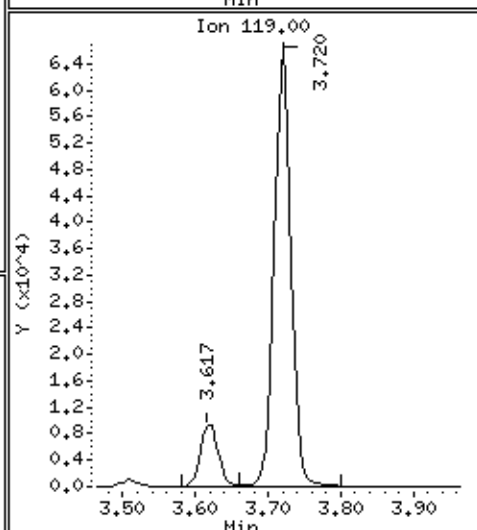
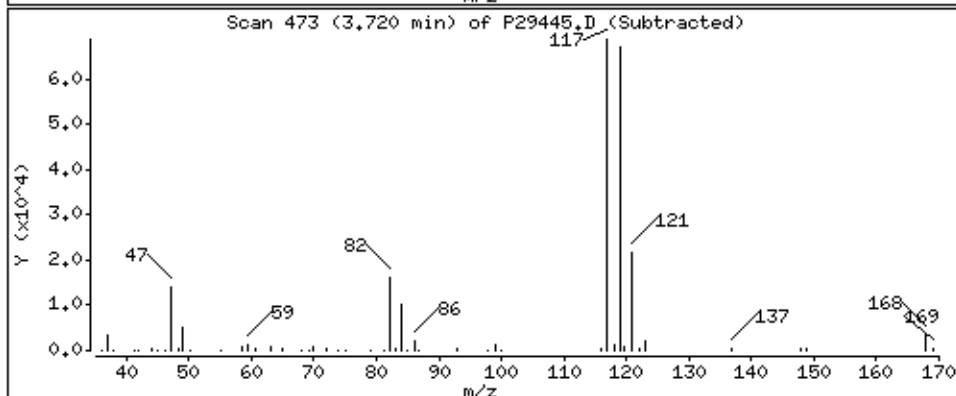
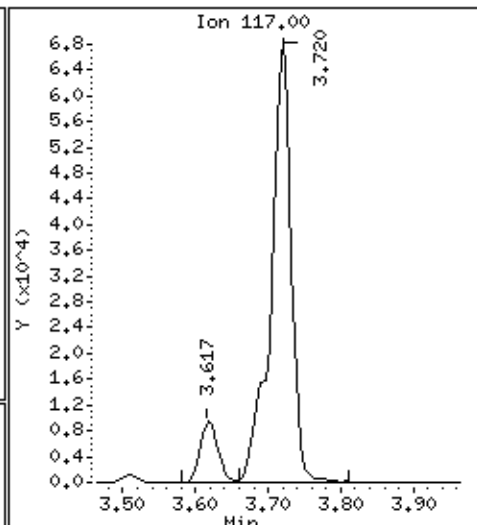
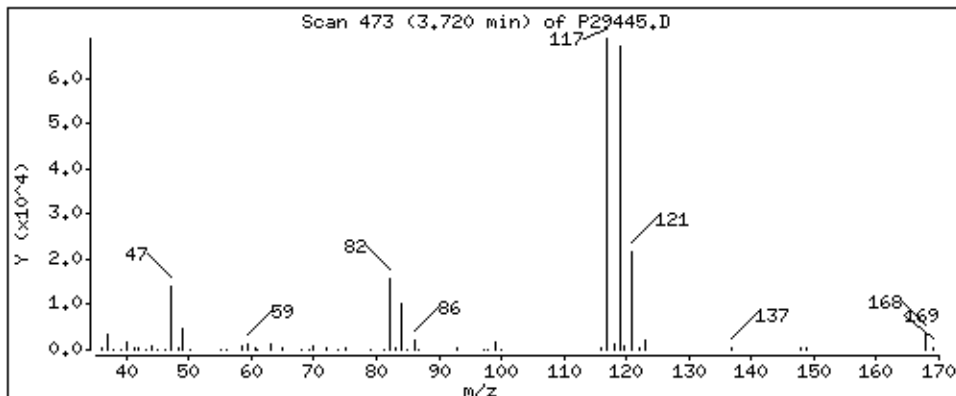
Column phase: RTX-624

Column diameter: 0,18

48 Carbon tetrachloride

Concentration: 52.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

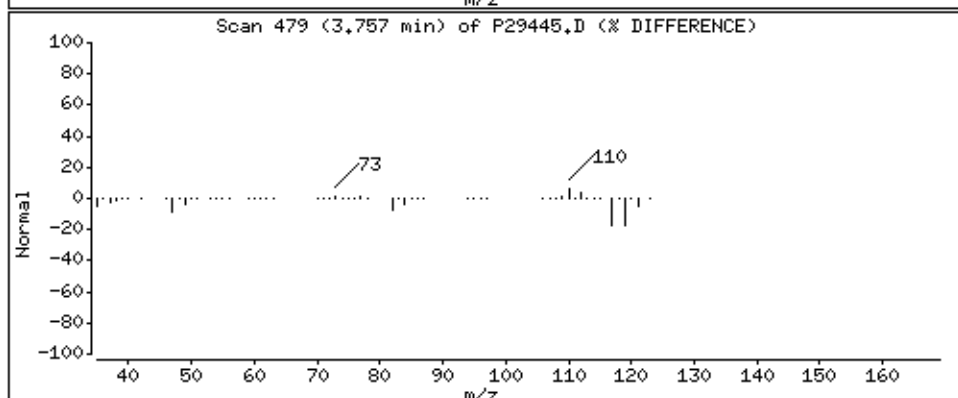
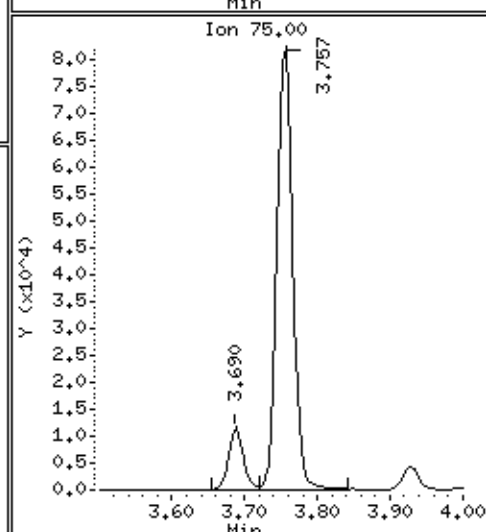
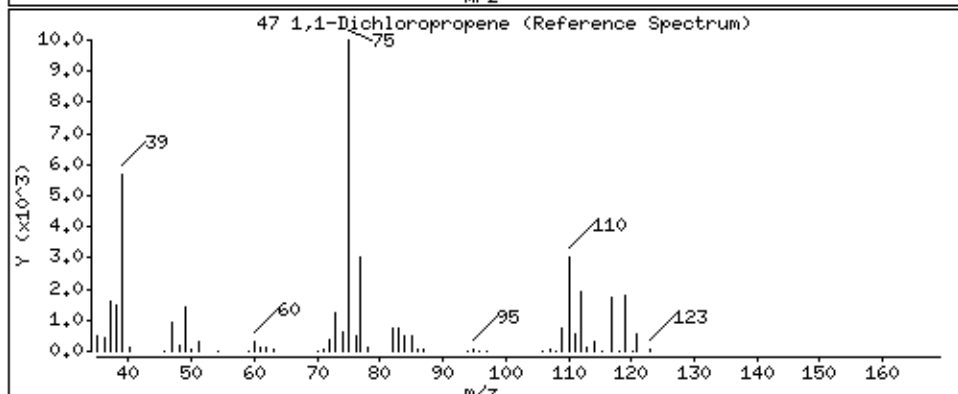
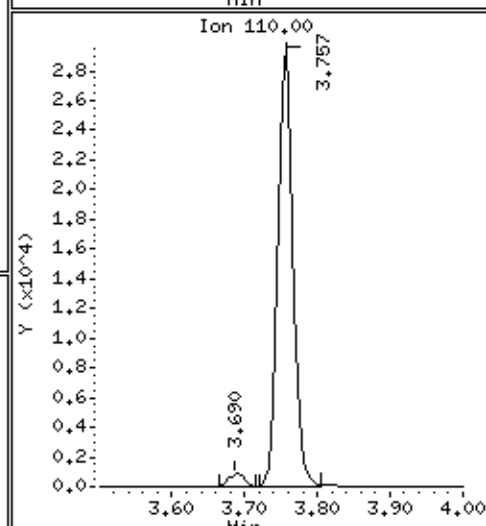
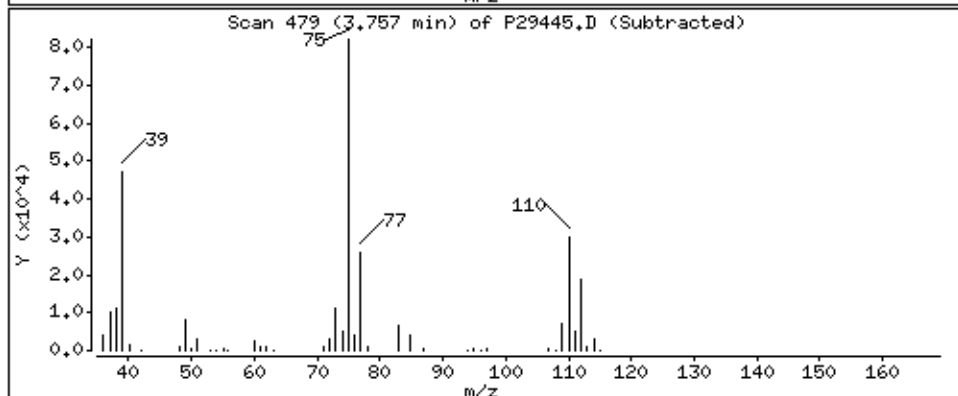
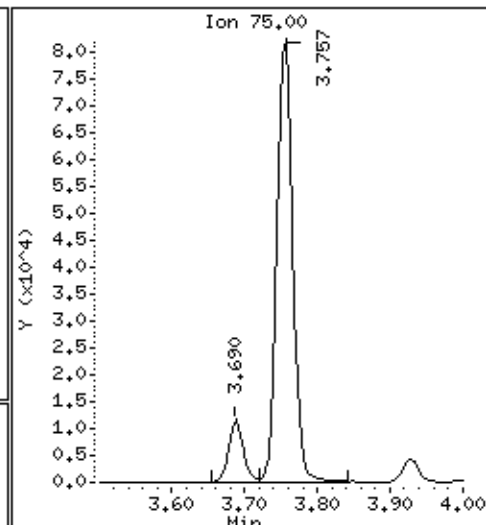
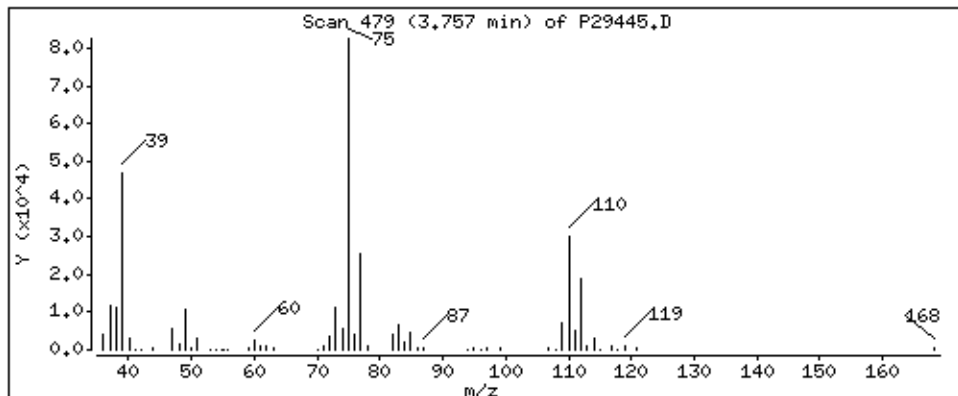
Column phase: RTX-624

Column diameter: 0,18

47 1,1-Dichloropropene

Concentration: 53,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

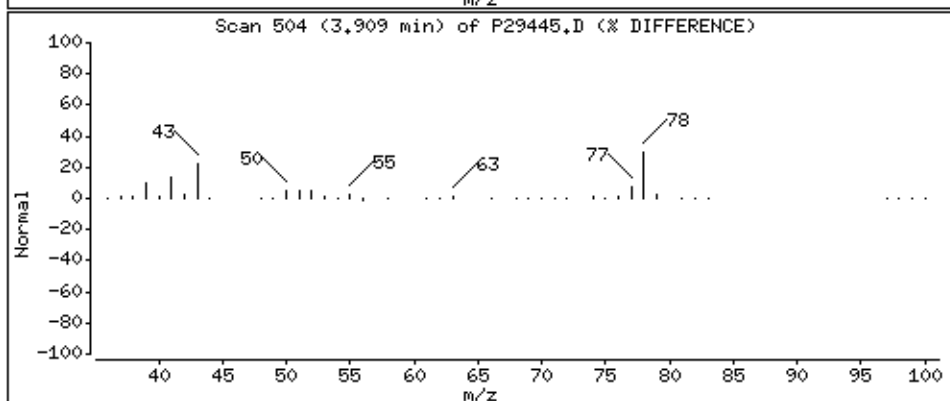
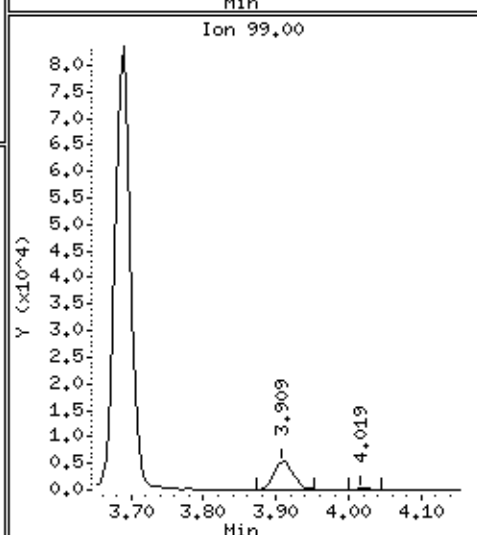
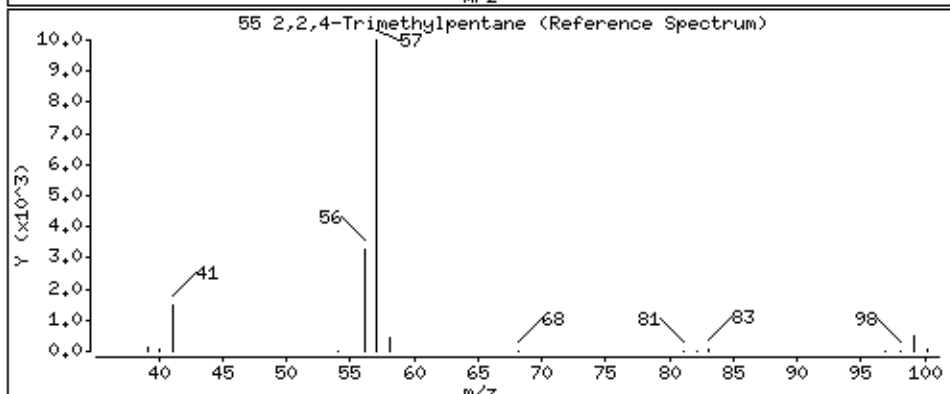
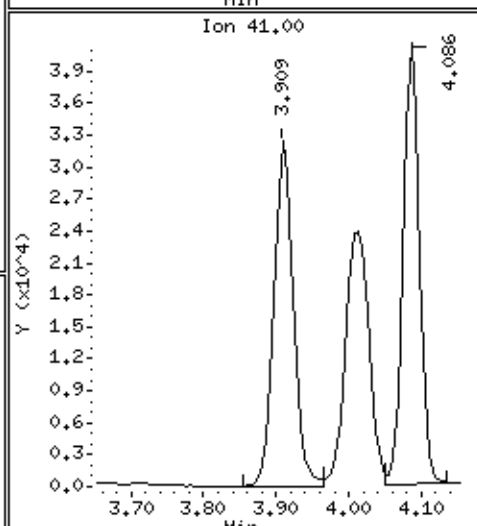
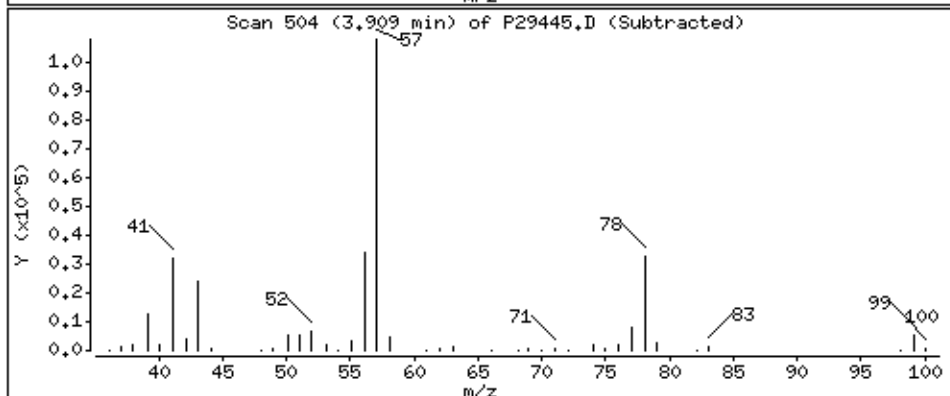
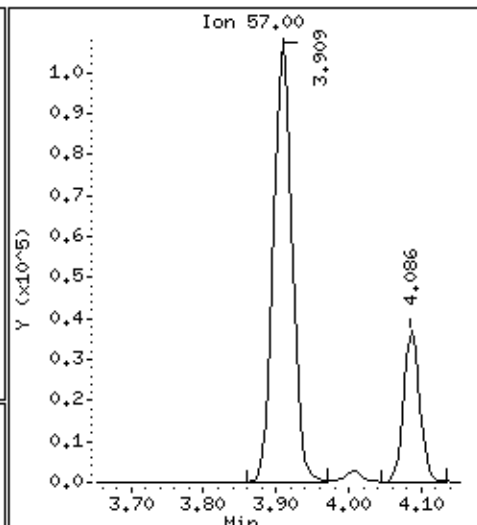
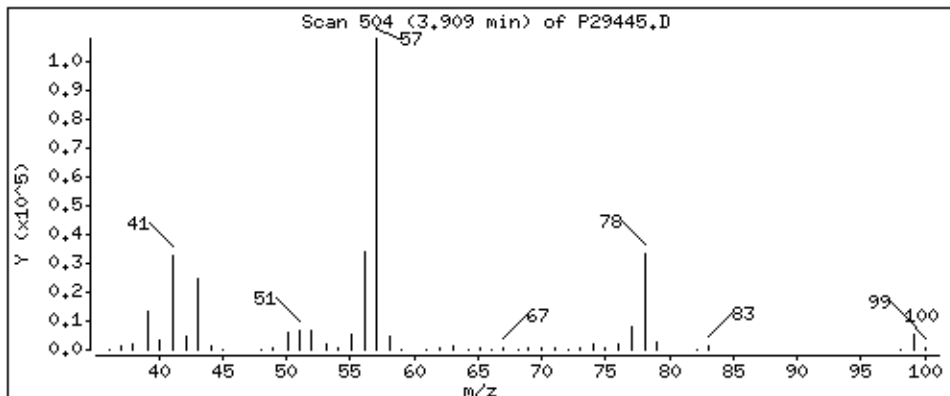
Column phase: RTX-624

Column diameter: 0,18

55 2,2,4-Trimethylpentane

Concentration: 43,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

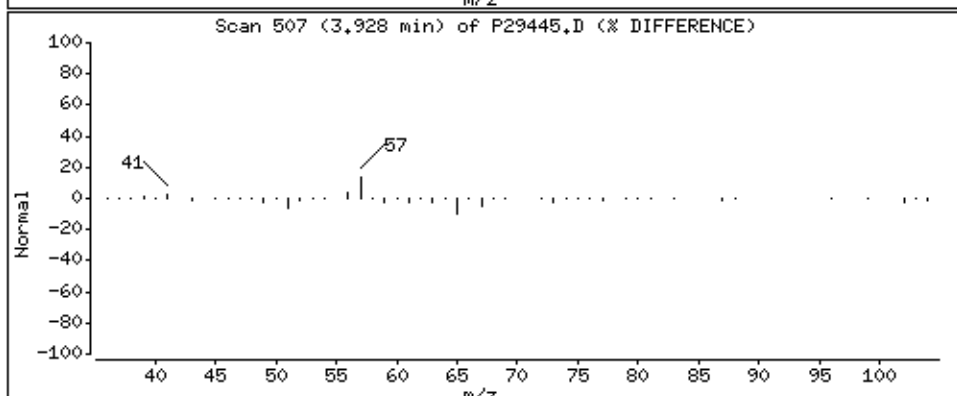
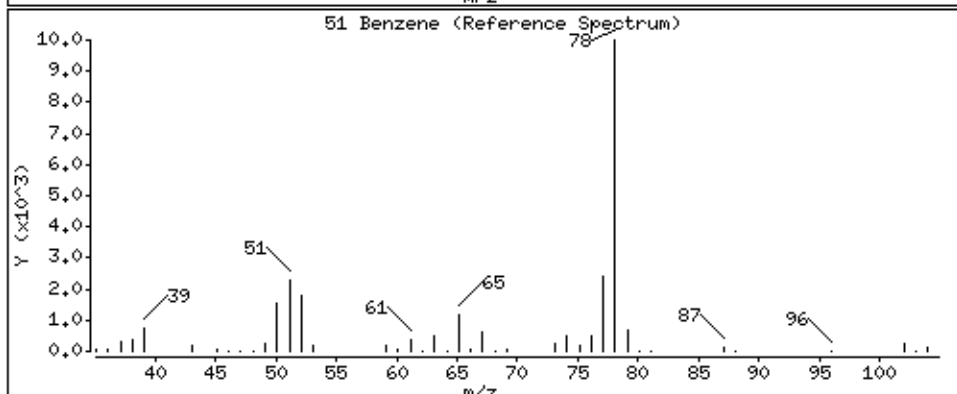
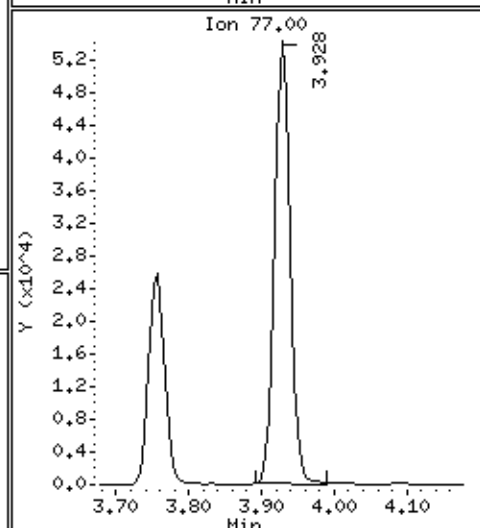
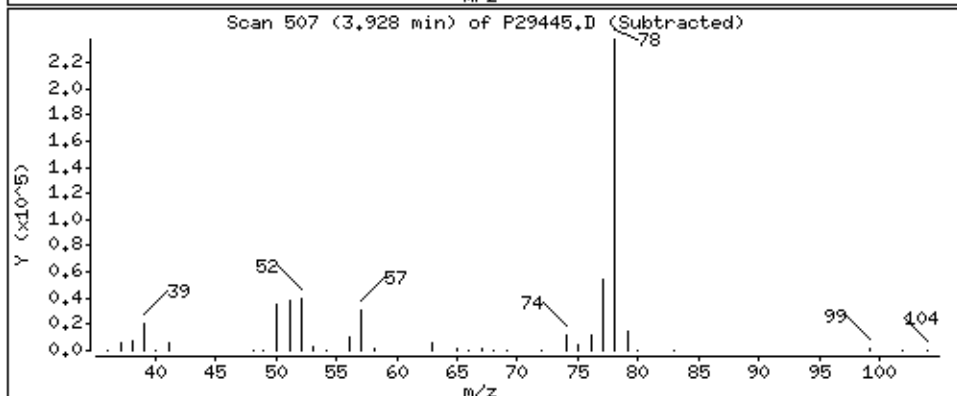
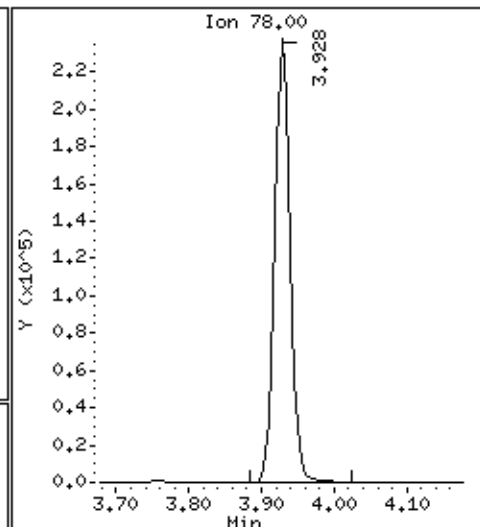
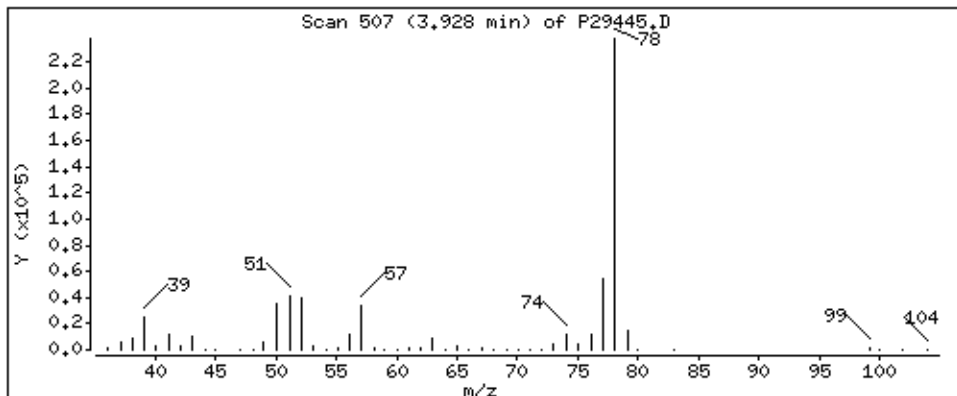
Column phase: RTX-624

Column diameter: 0,18

51 Benzene

Concentration: 54,5 ug/L

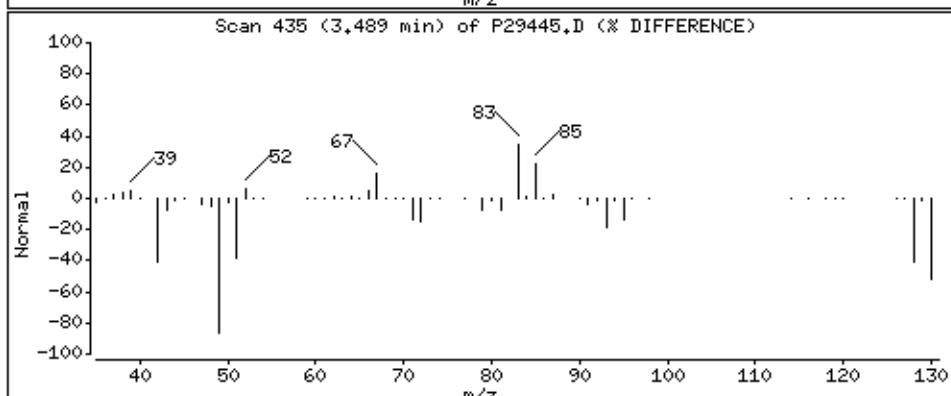
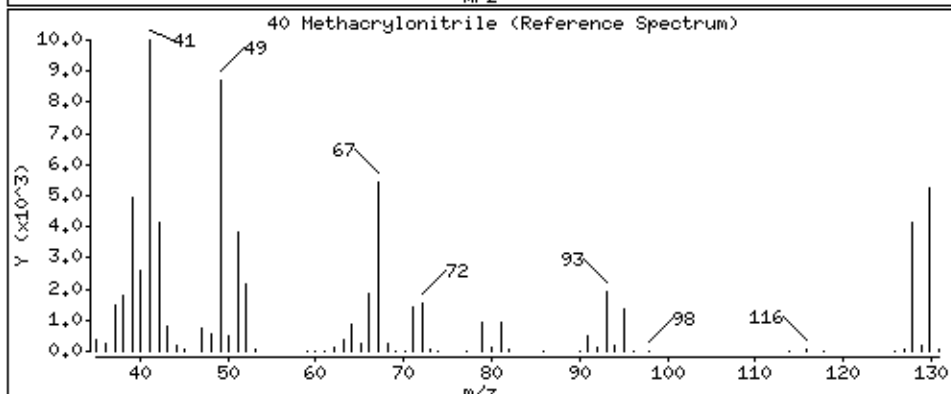
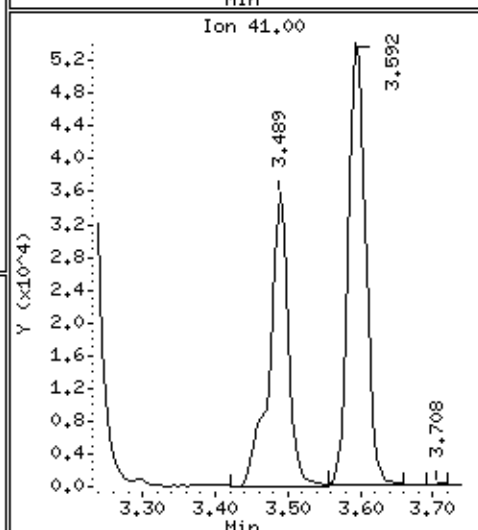
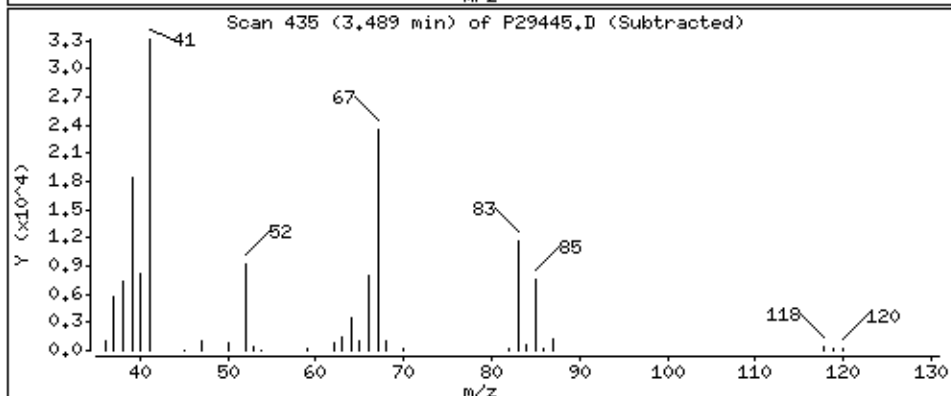
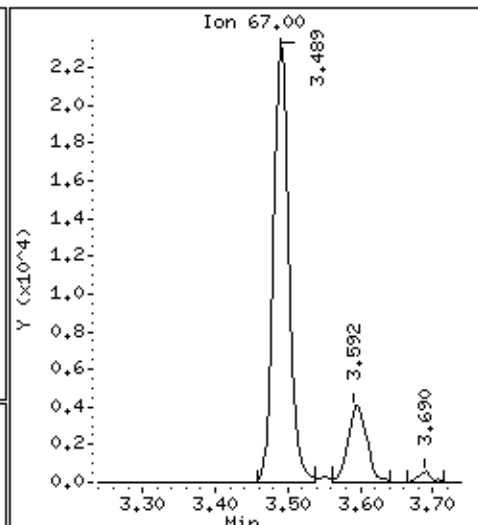
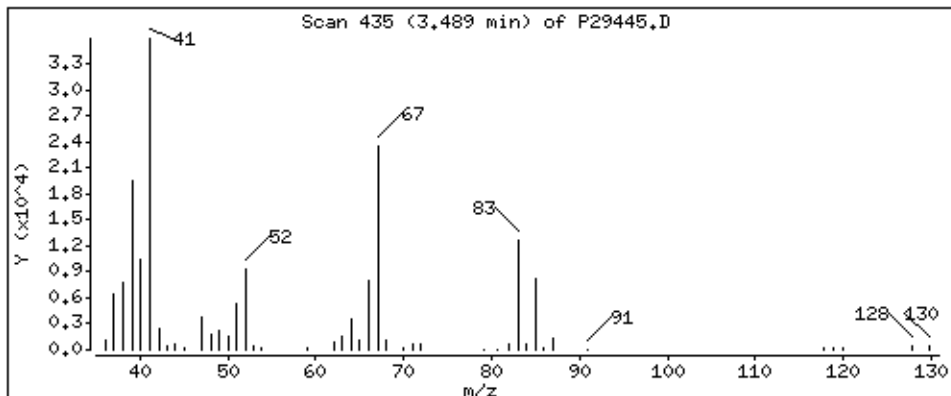
Review Code:



40 Methacrylonitrile

Concentration: 54,2 ug/L

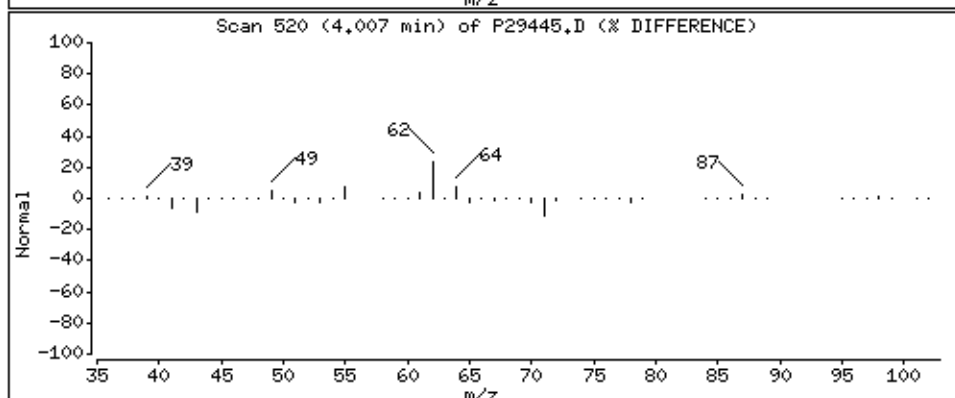
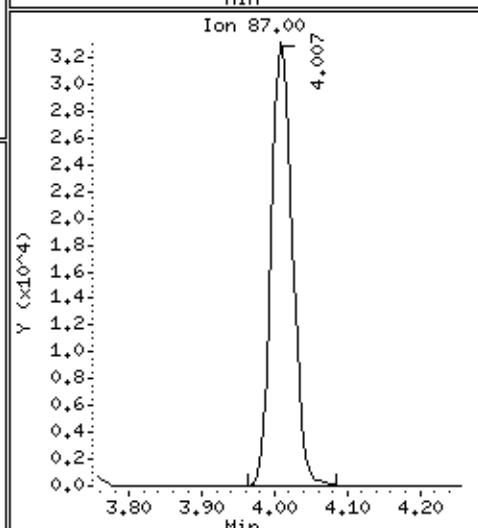
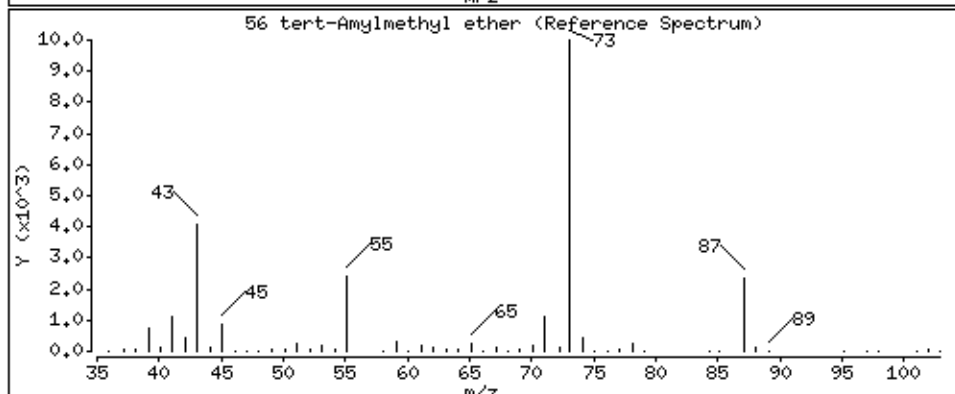
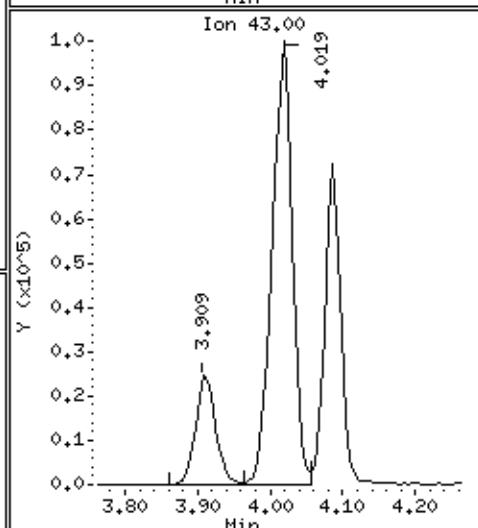
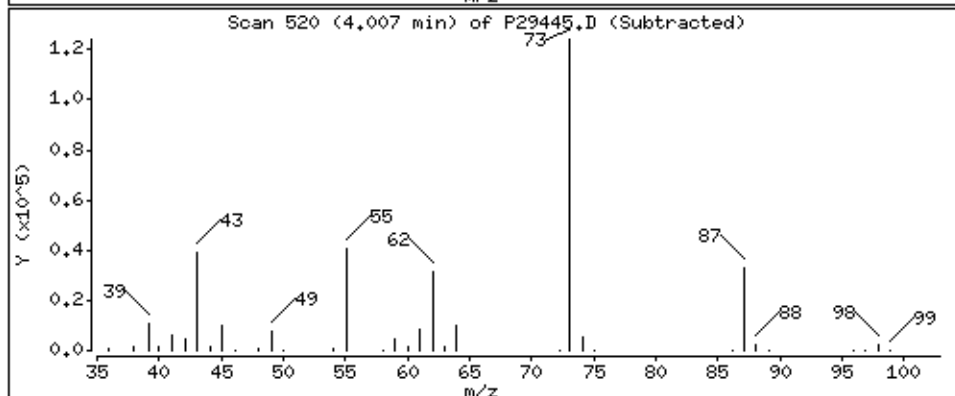
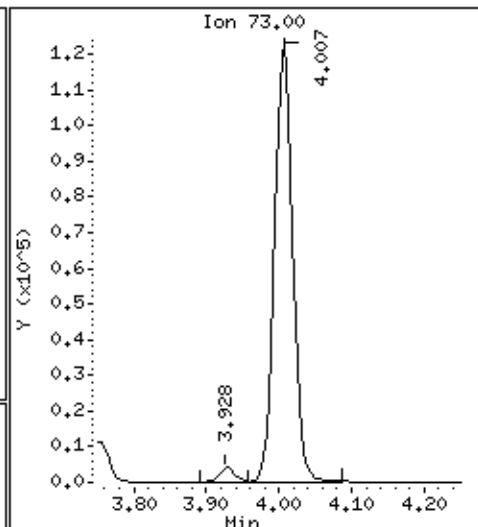
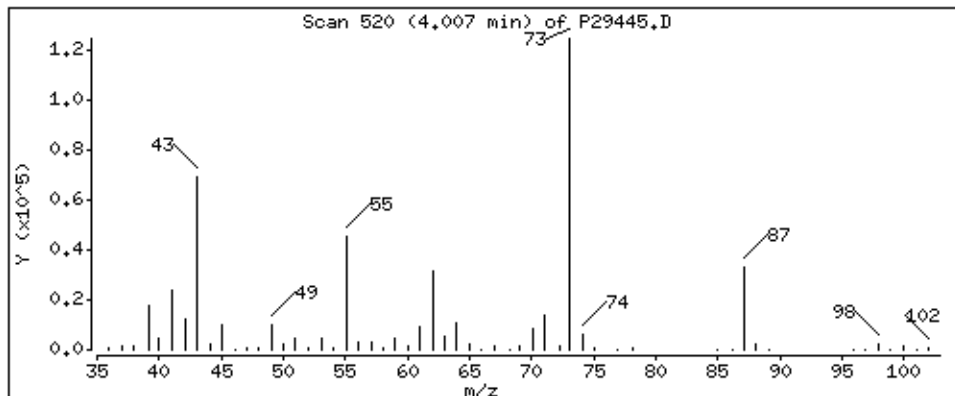
Review Code:



56 tert-Amylmethyl ether

Concentration: 43,6 ug/L

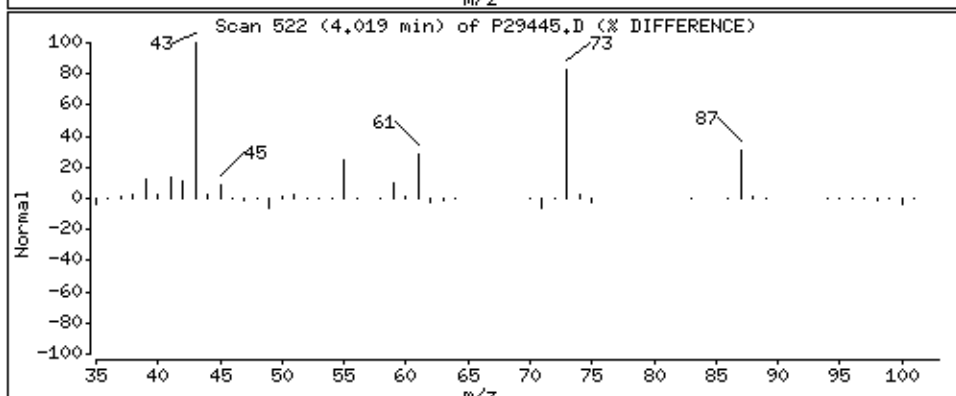
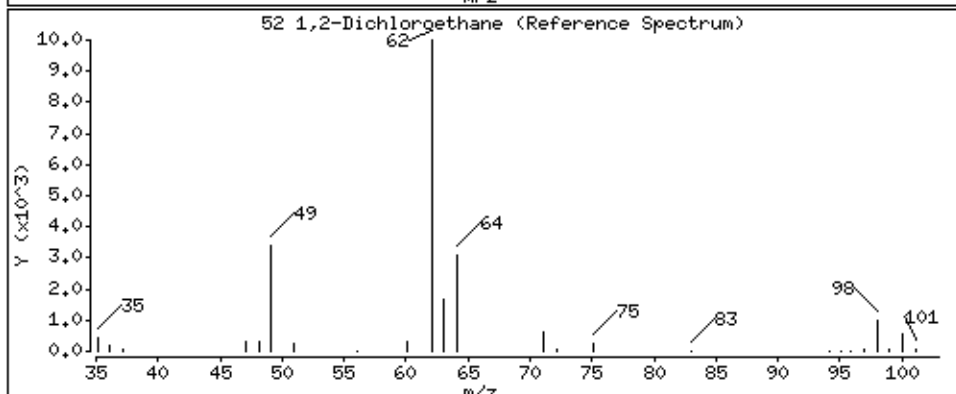
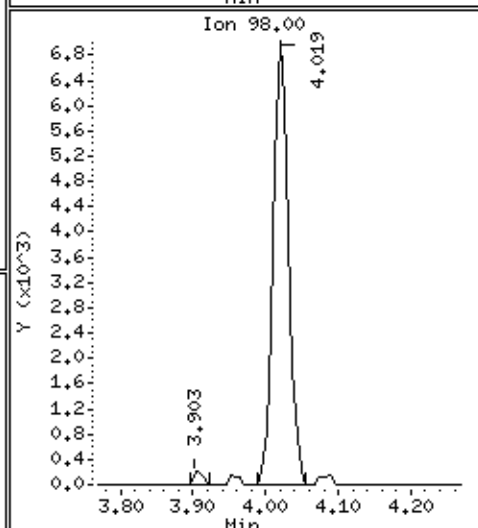
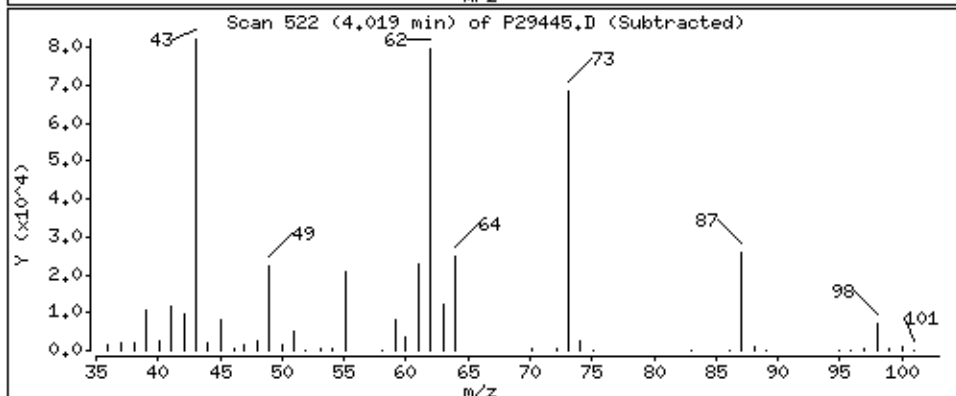
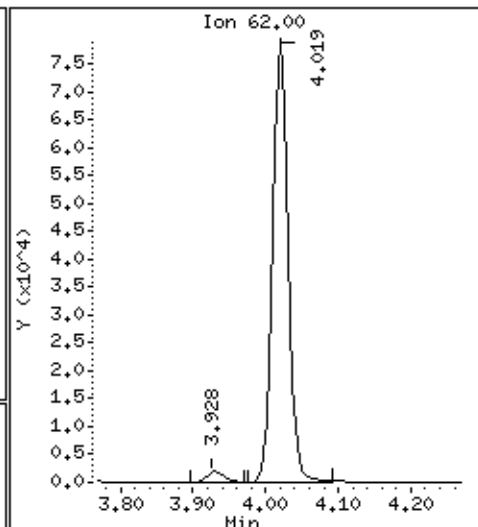
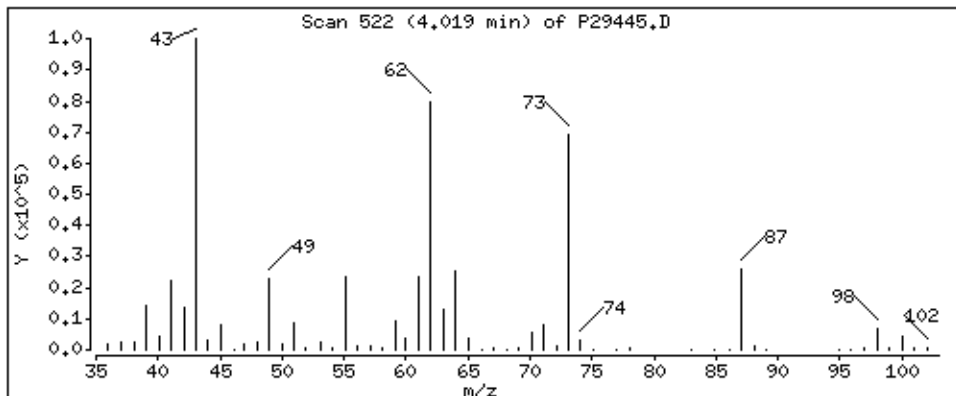
Review Code:



52 1,2-Dichloroethane

Concentration: 49.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

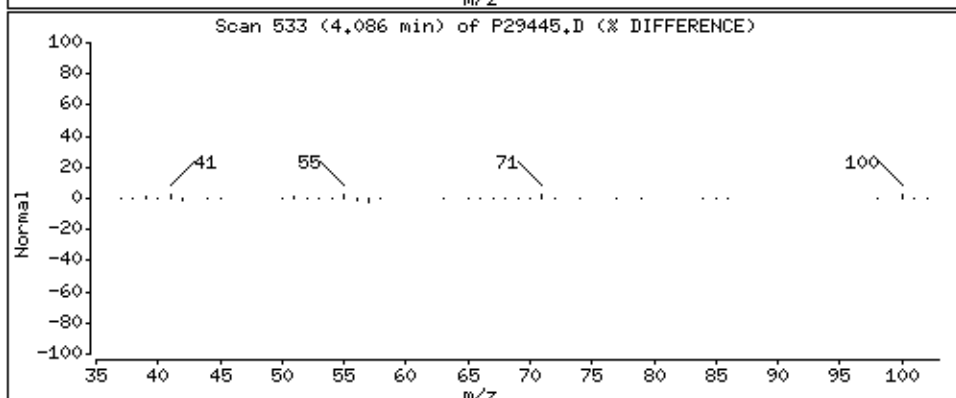
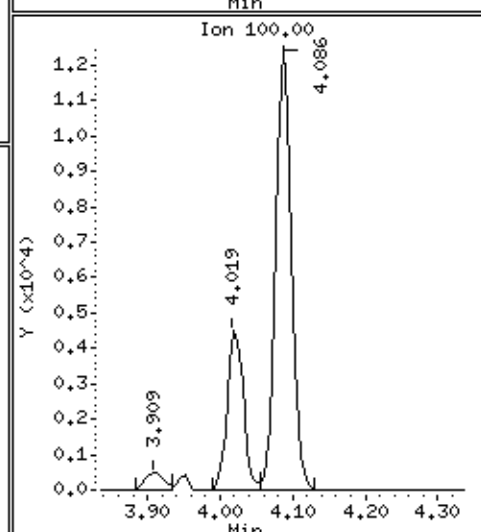
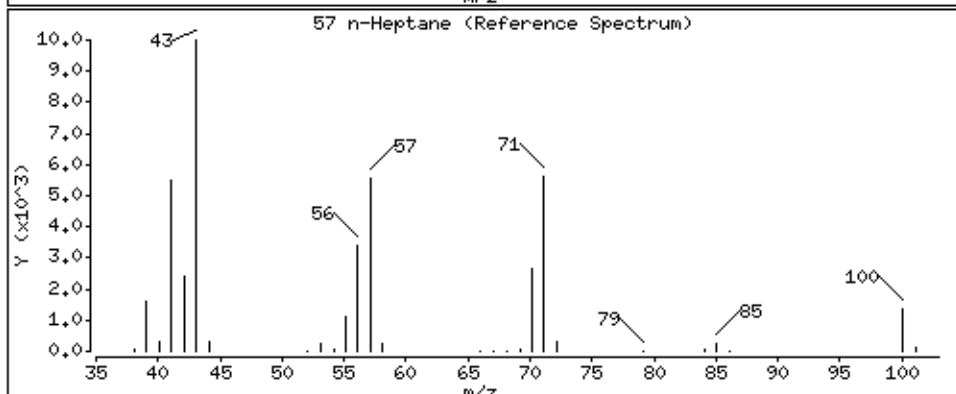
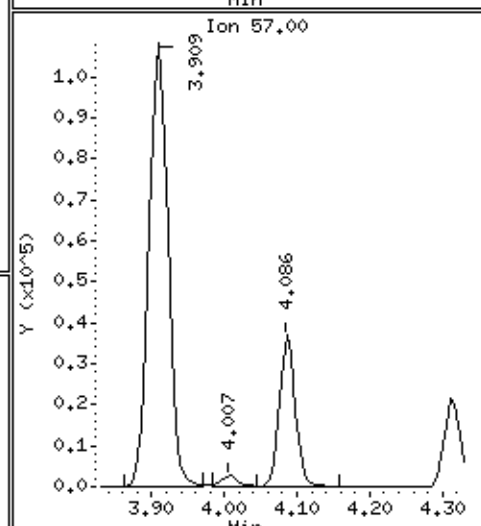
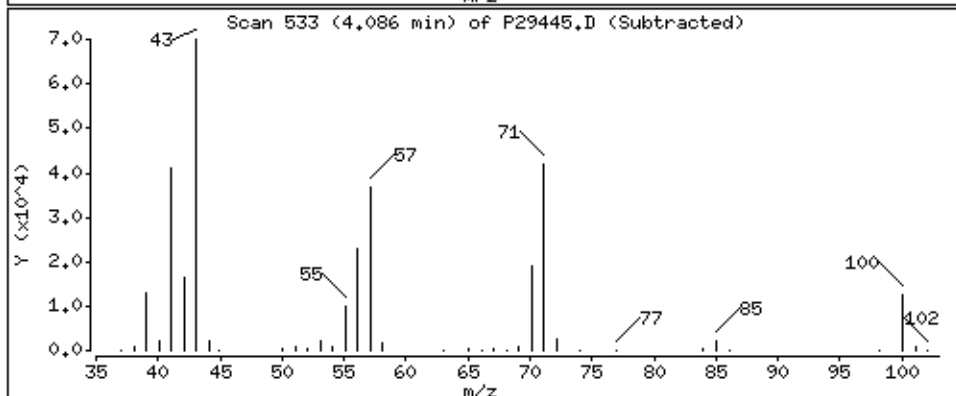
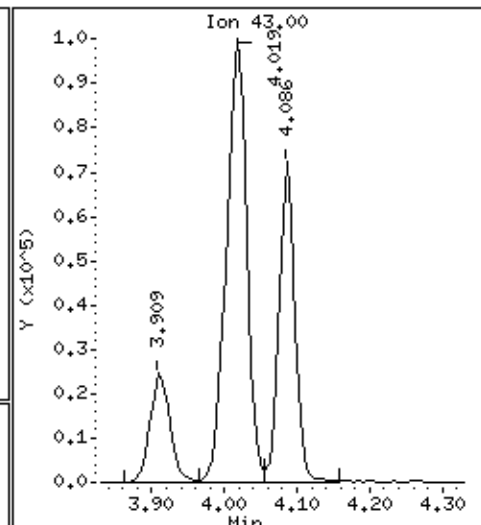
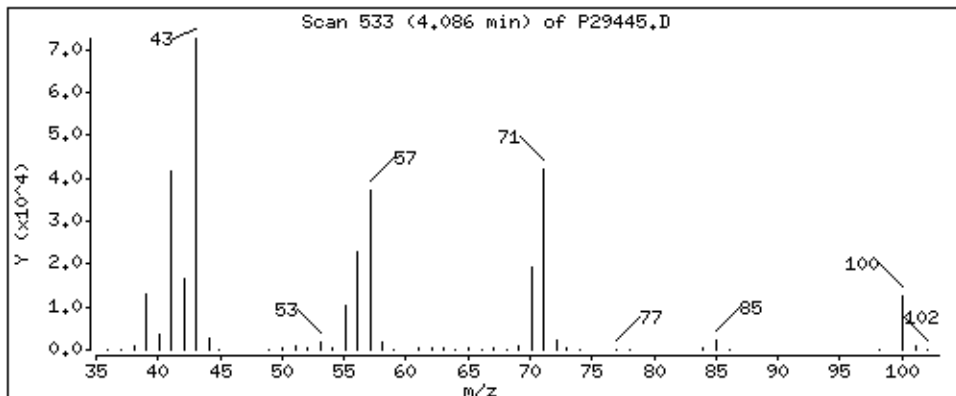
Column phase: RTX-624

Column diameter: 0,18

57 n-Heptane

Concentration: 47,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

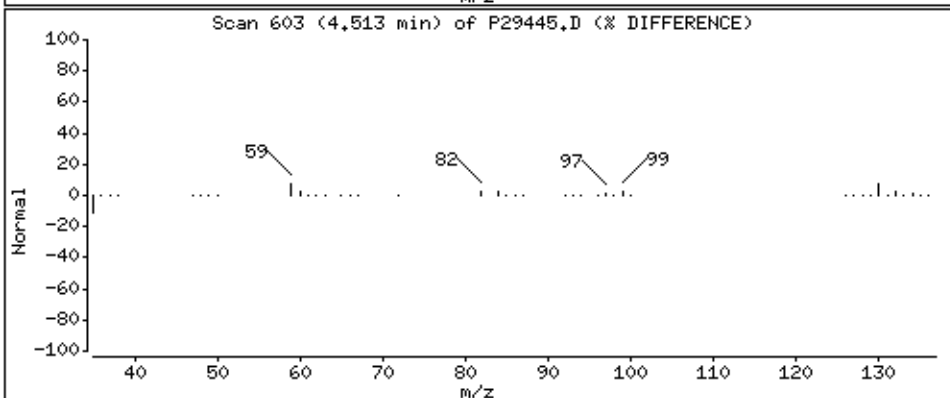
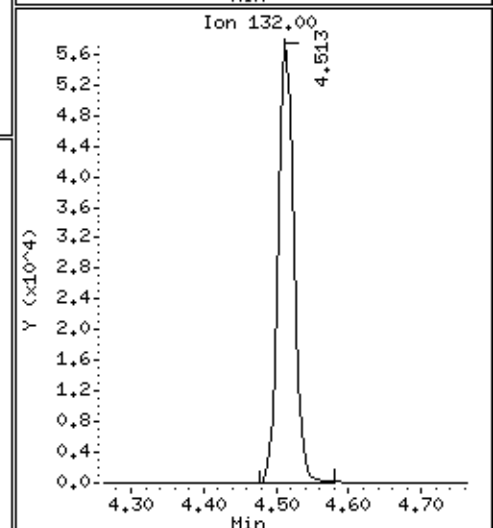
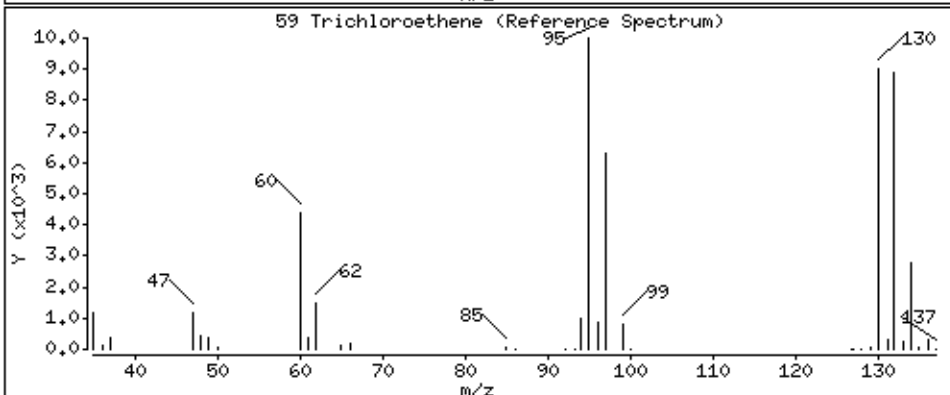
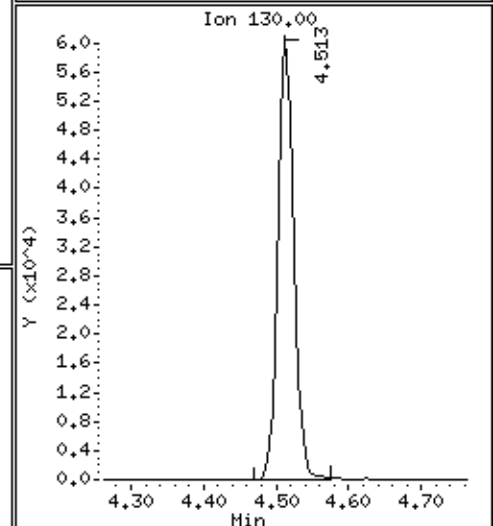
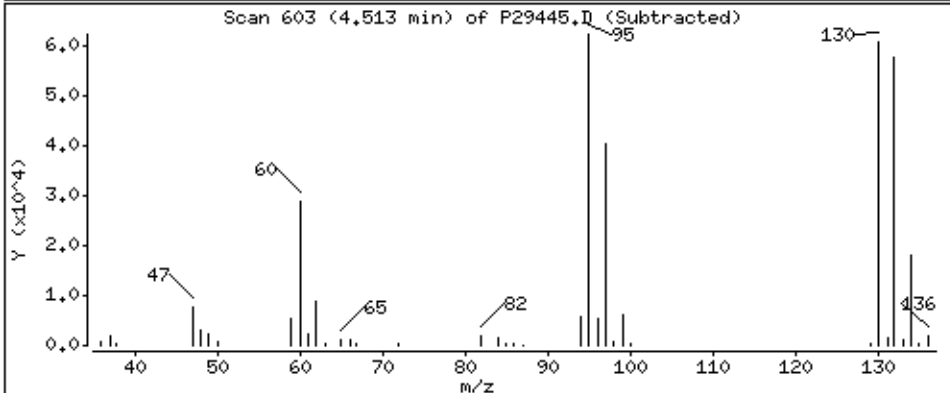
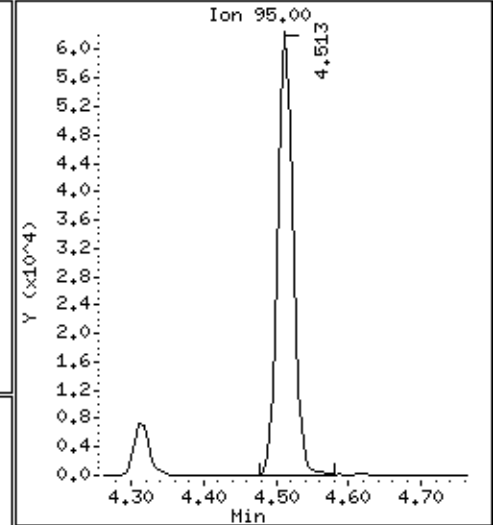
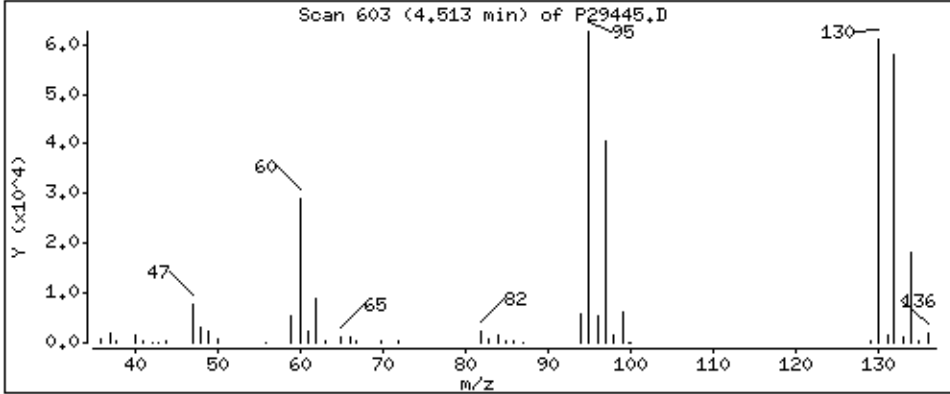
Column phase: RTX-624

Column diameter: 0,18

59 Trichloroethene

Concentration: 50,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

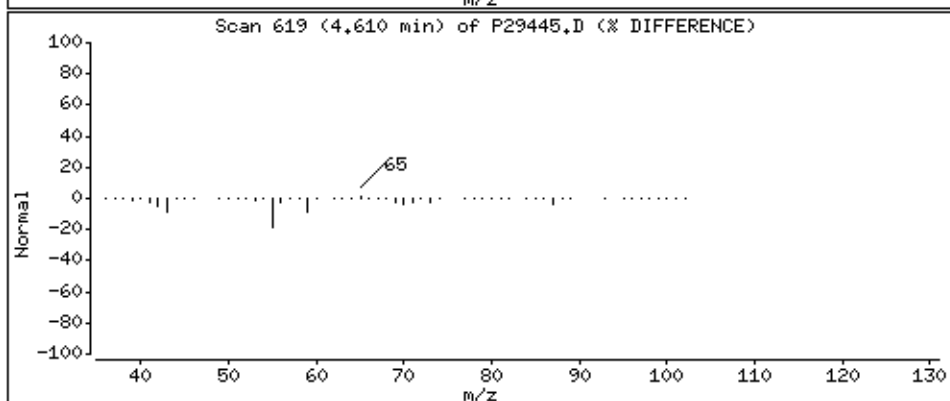
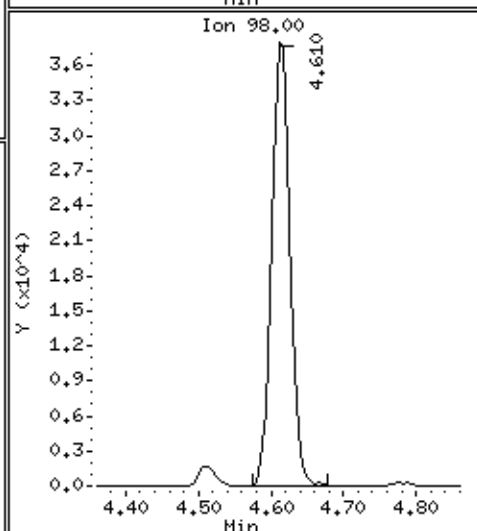
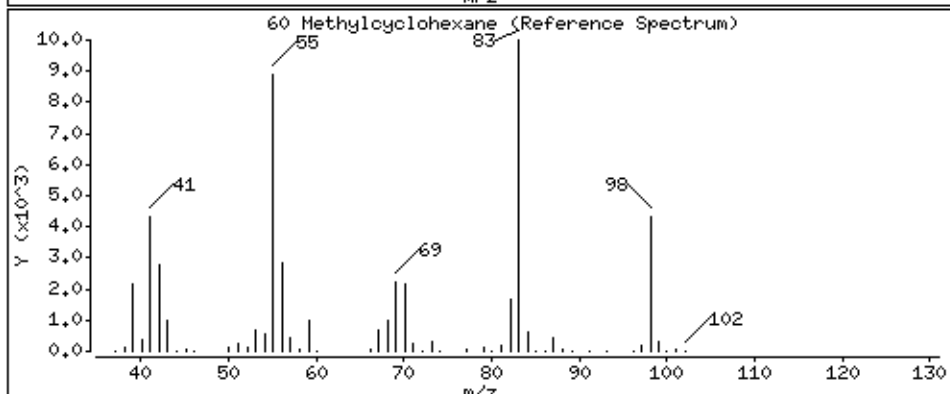
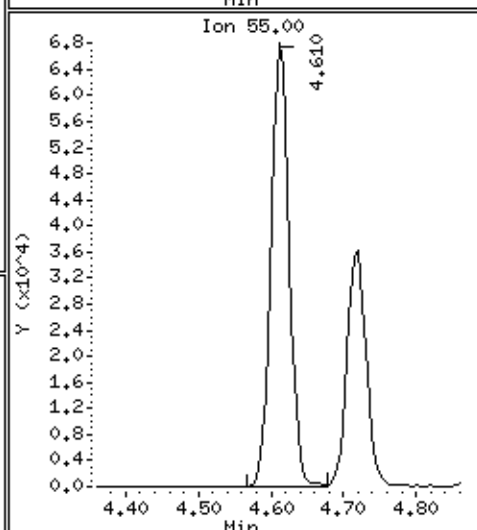
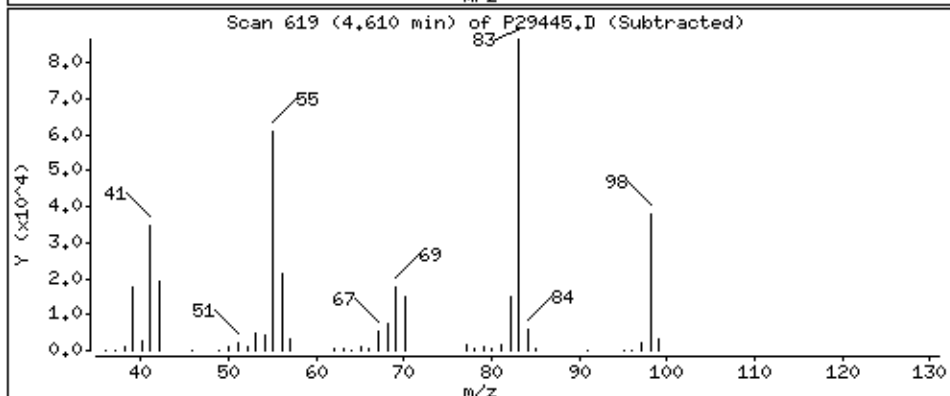
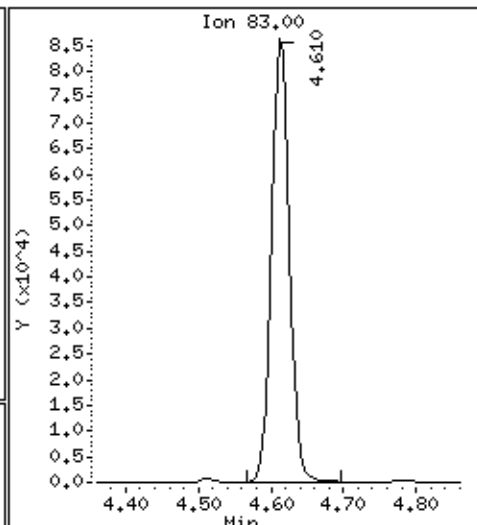
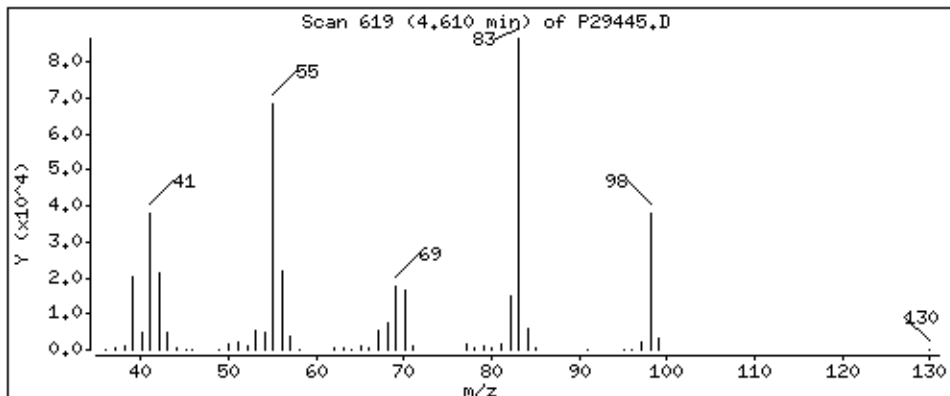
Column phase: RTX-624

Column diameter: 0,18

60 Methylcyclohexane

Concentration: 44,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

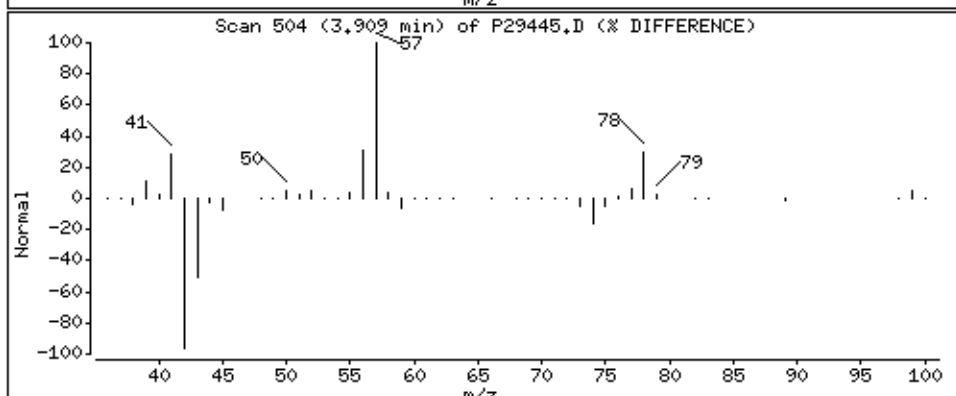
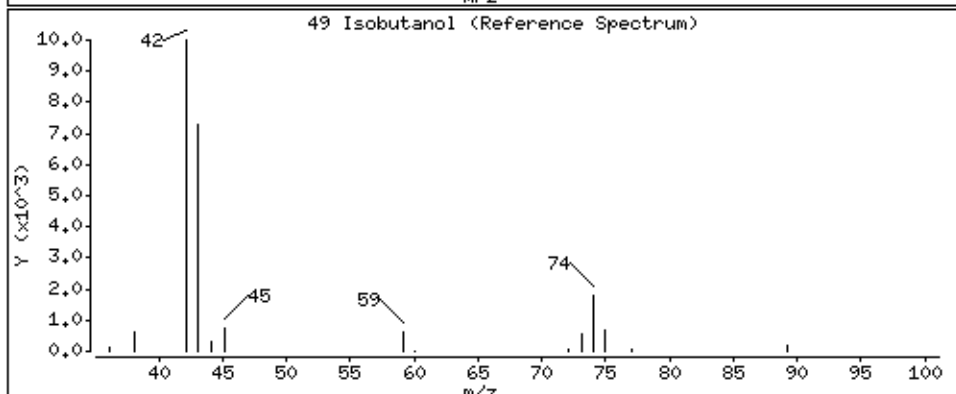
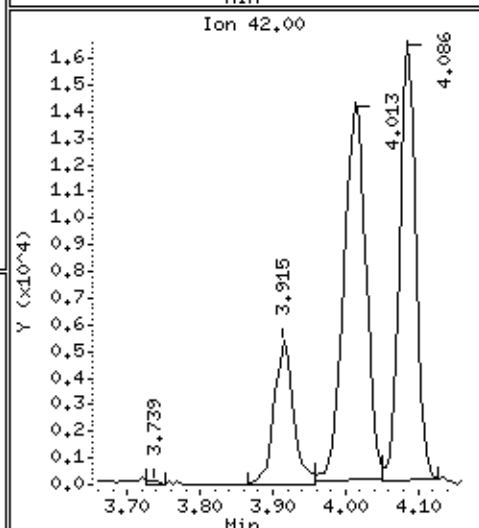
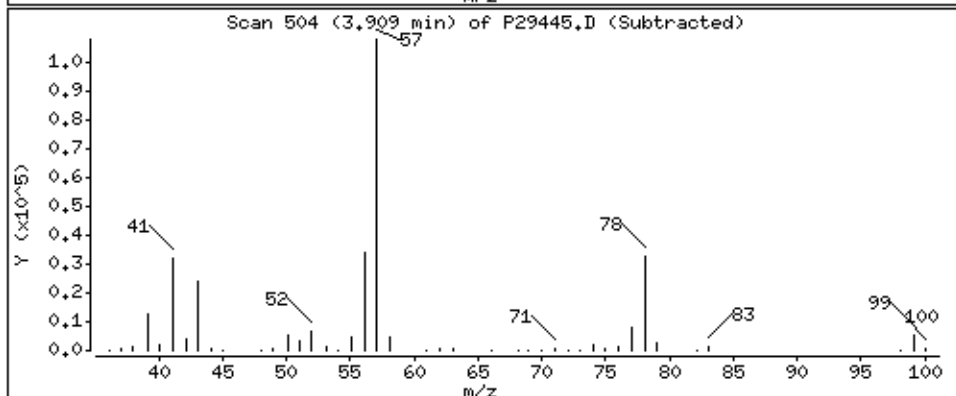
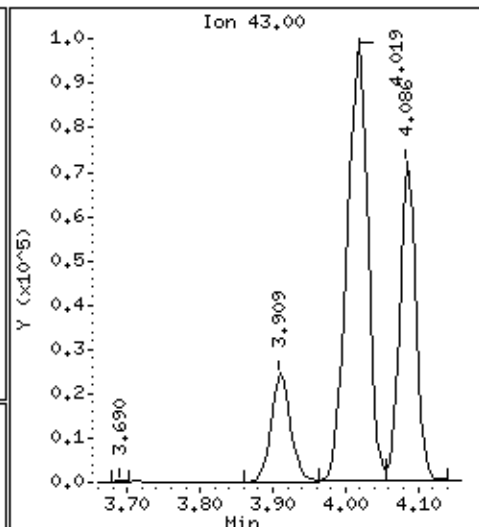
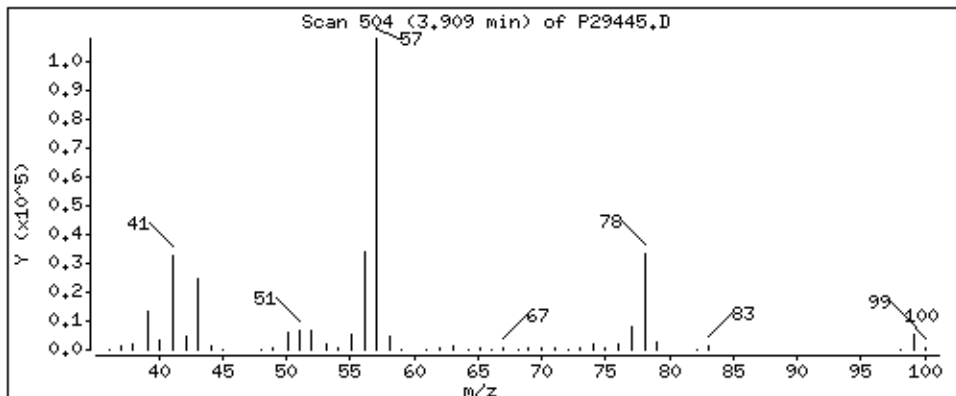
Column phase: RTX-624

Column diameter: 0,18

49 Isobutanol

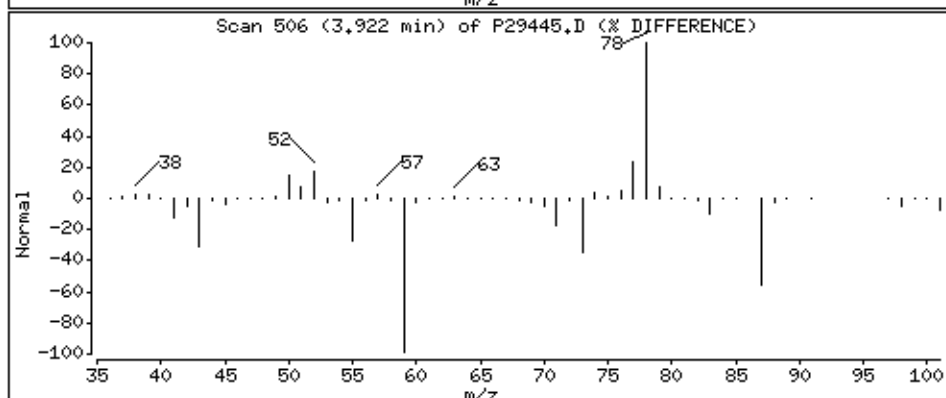
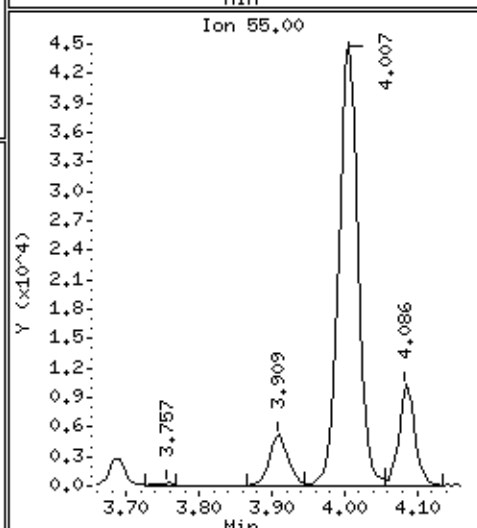
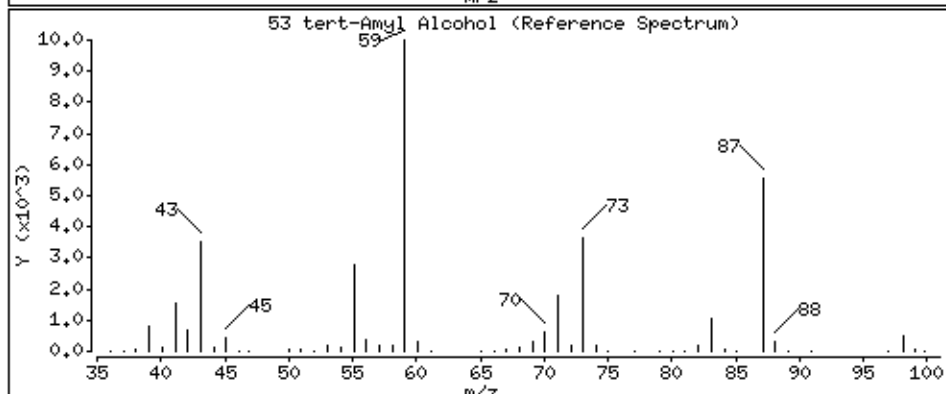
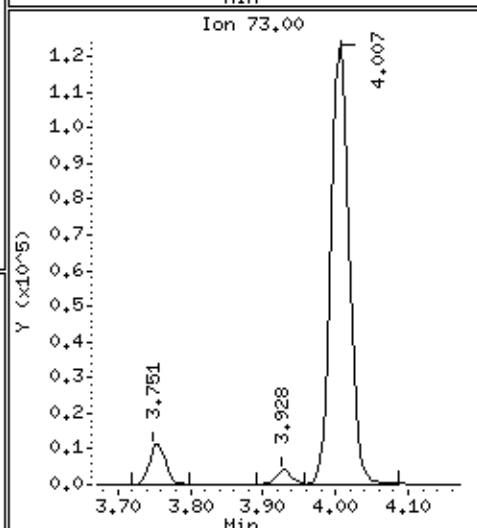
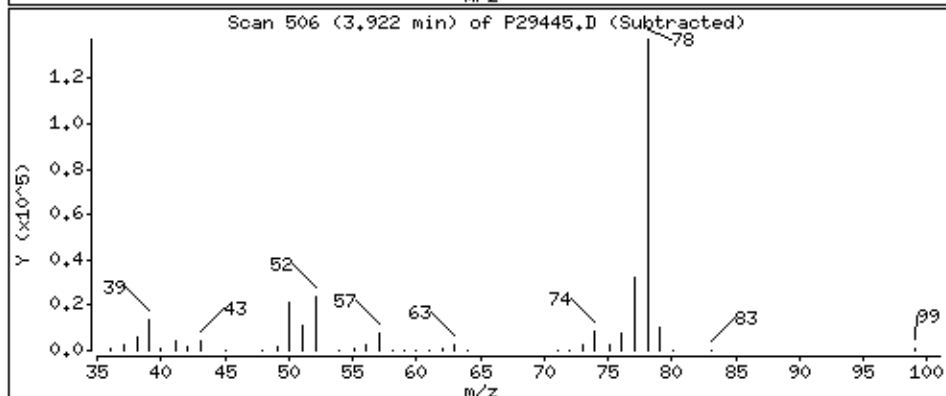
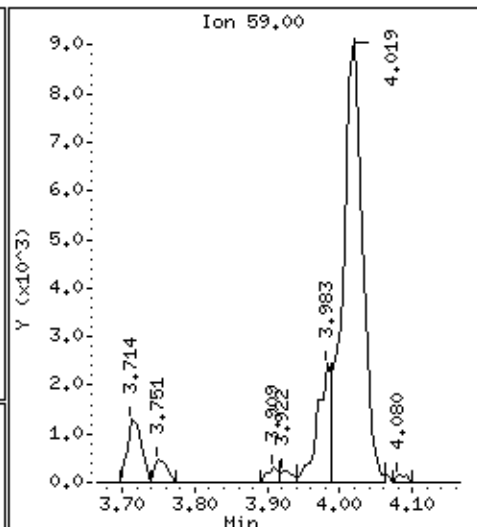
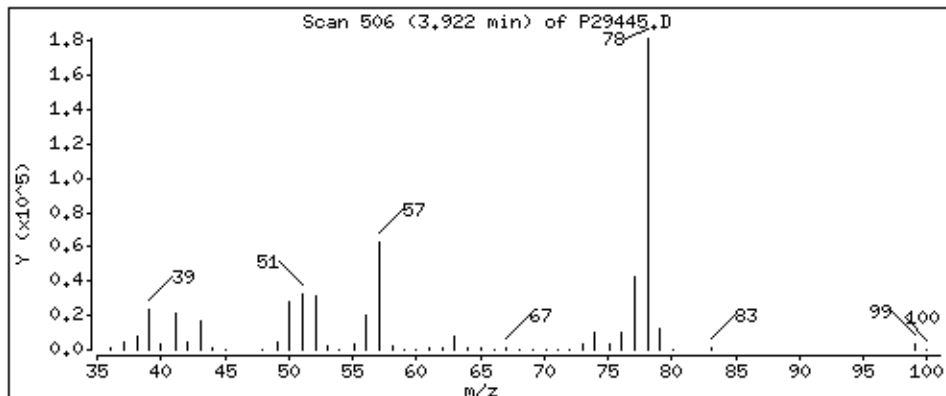
Concentration: 228 ug/L

Review Code:



53 tert-Amyl Alcohol

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

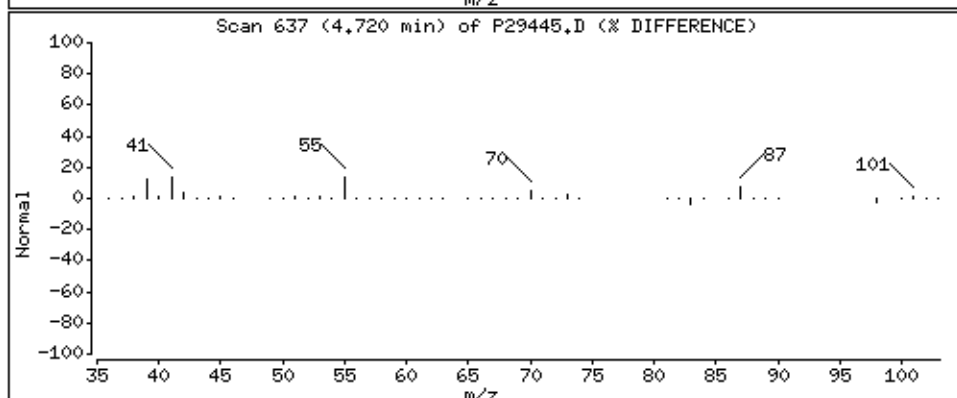
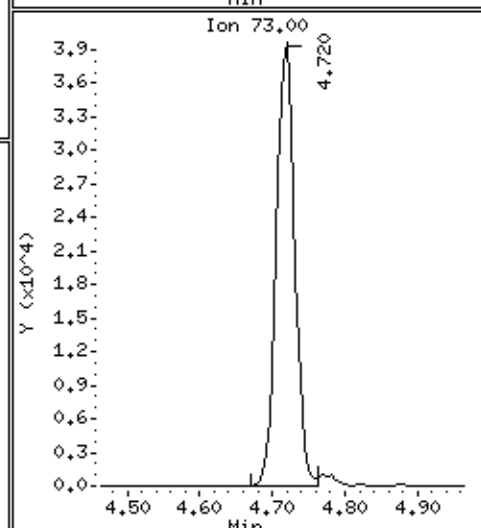
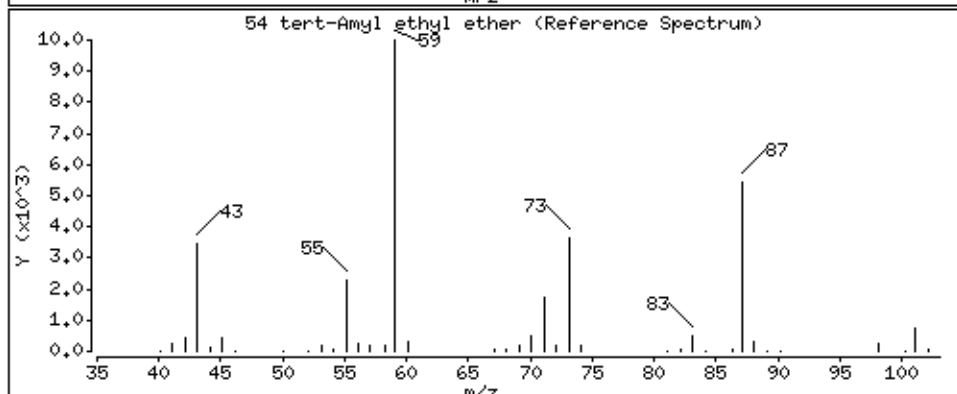
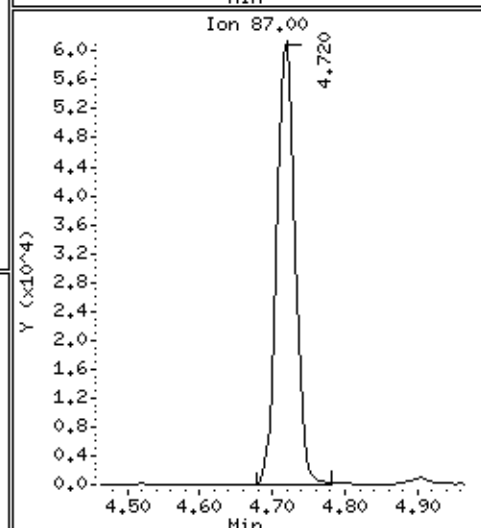
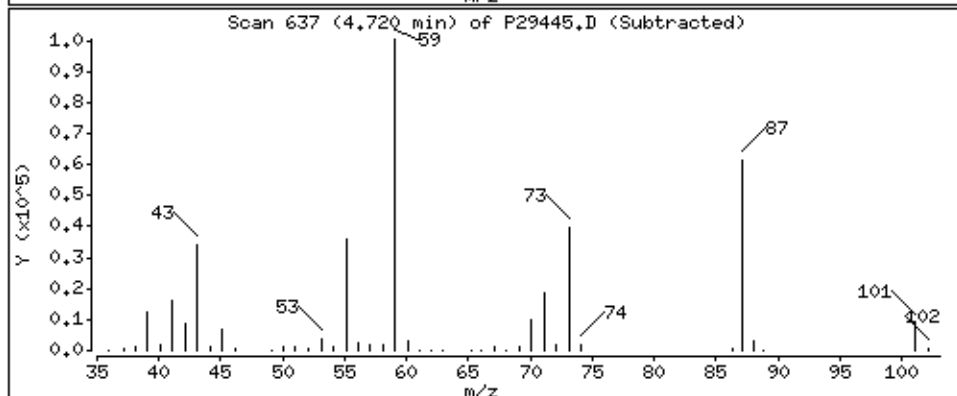
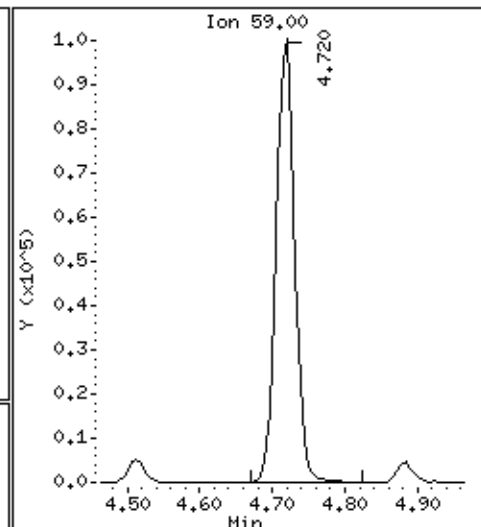
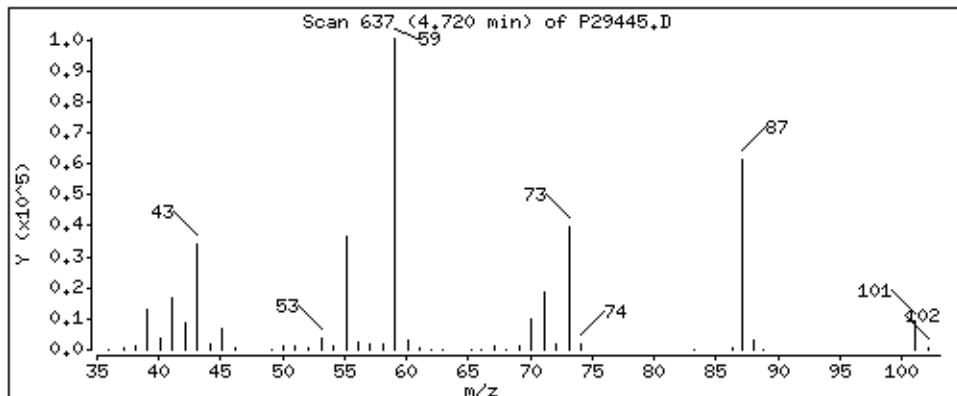
Column phase: RTX-624

Column diameter: 0,18

54 tert-Amyl ethyl ether

Concentration: 42.0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

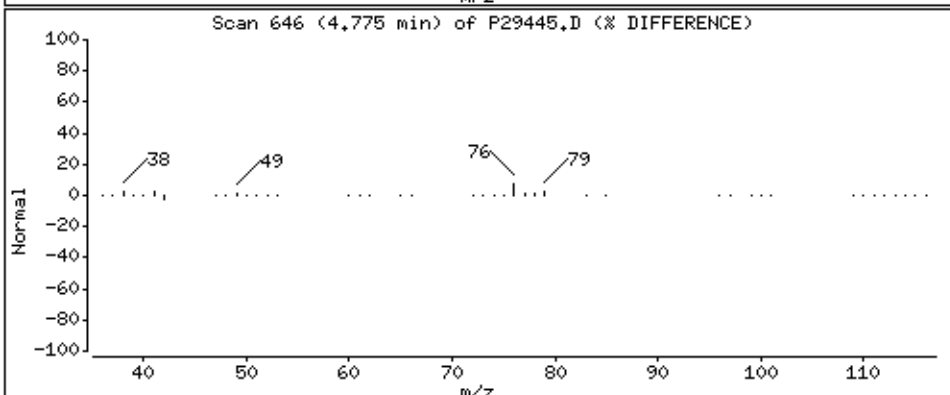
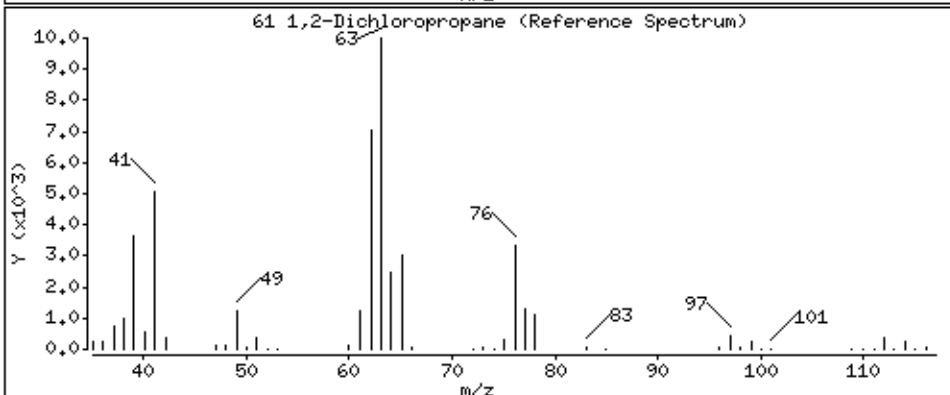
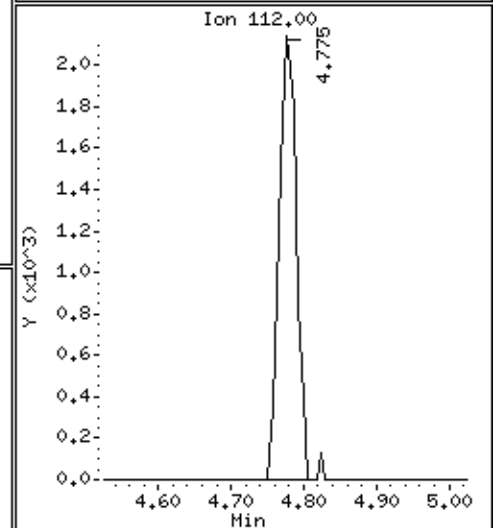
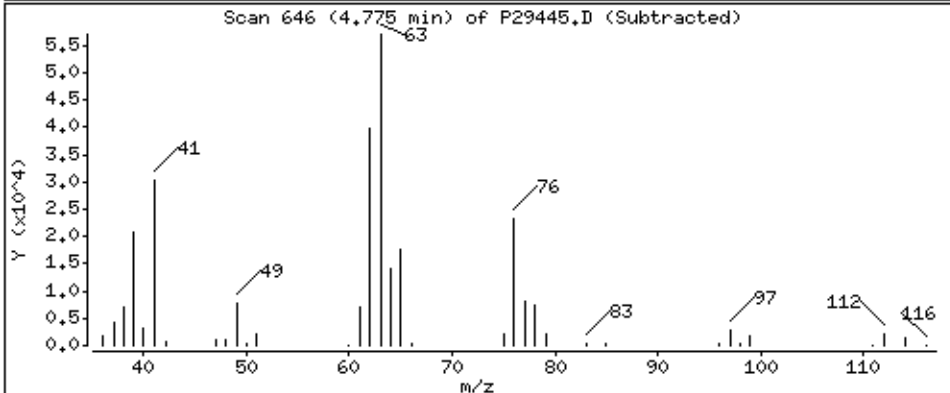
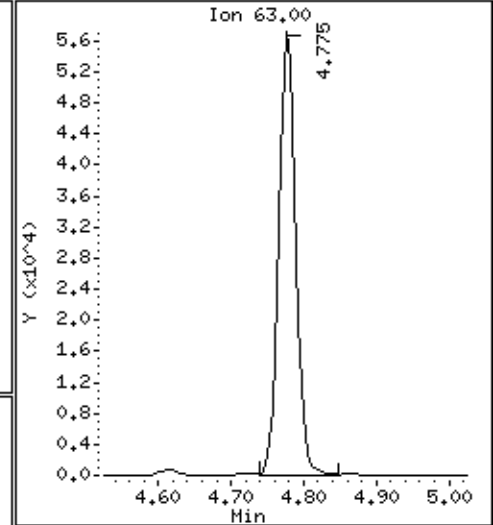
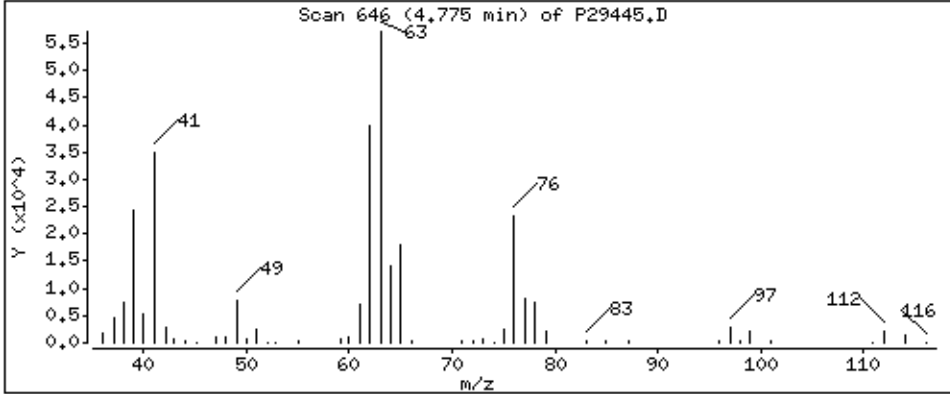
Column phase: RTX-624

Column diameter: 0,18

61 1,2-Dichloropropane

Concentration: 56,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

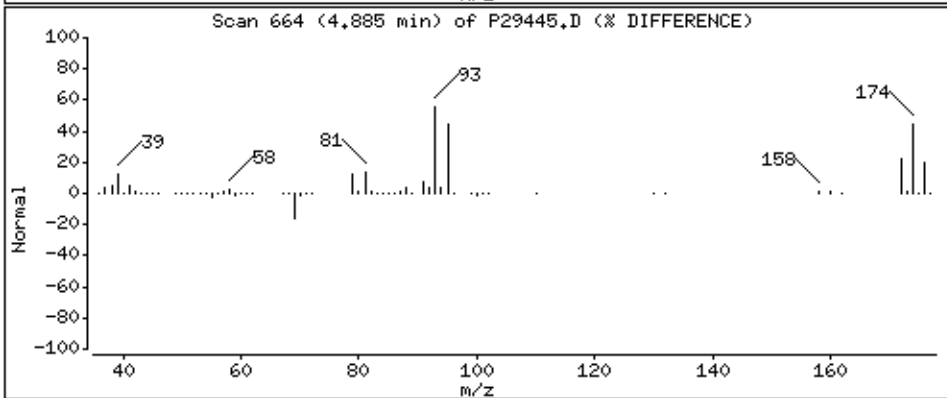
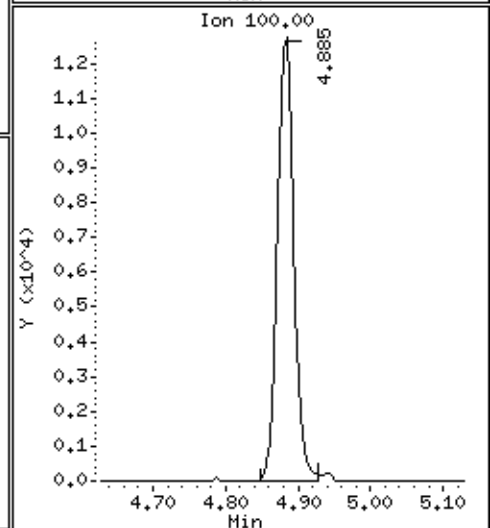
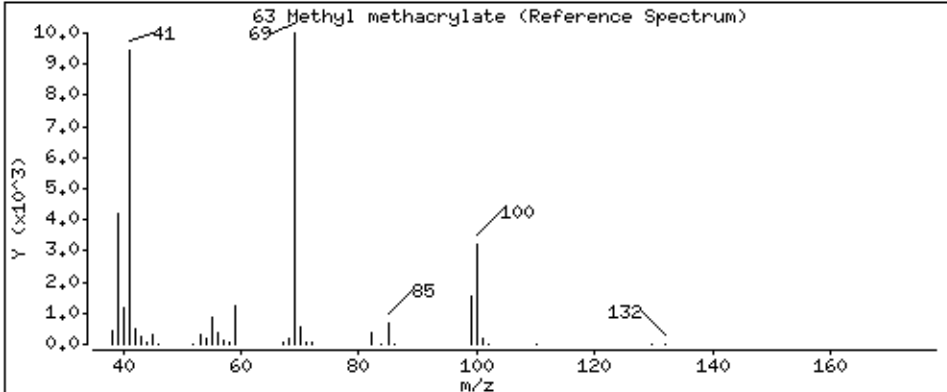
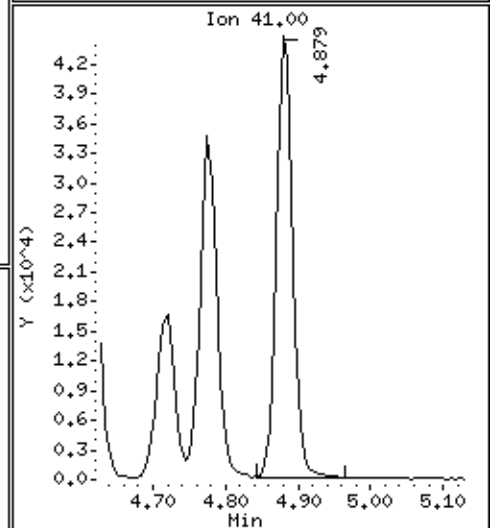
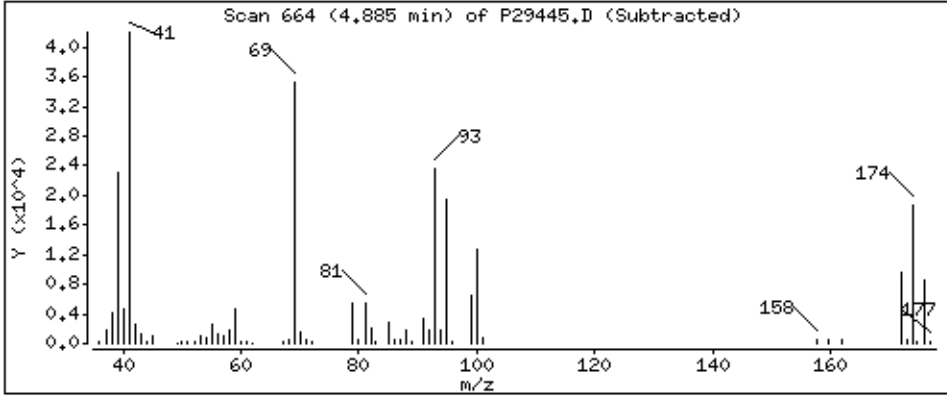
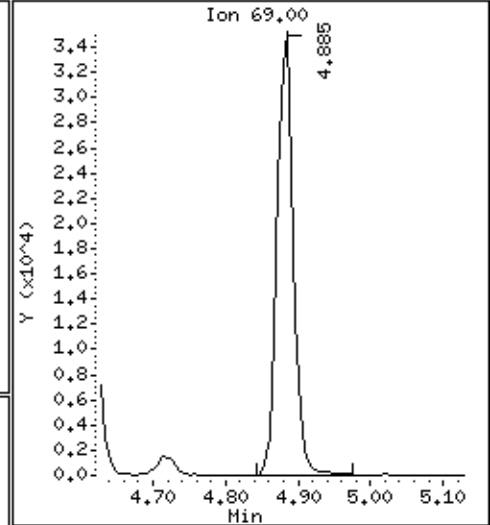
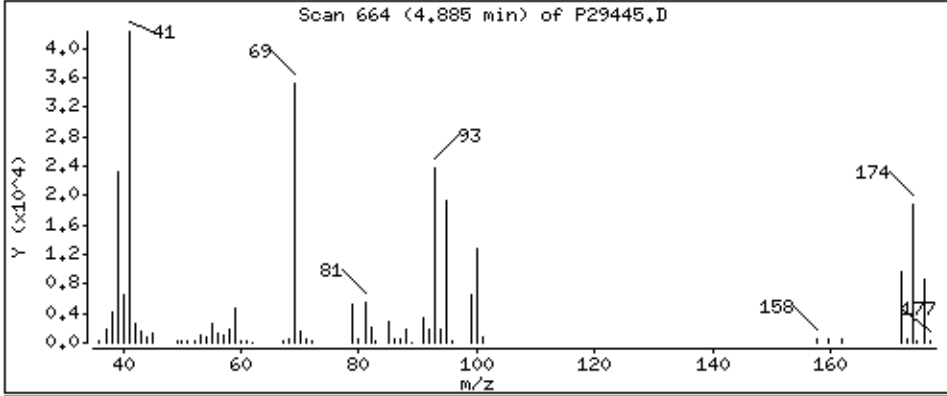
Column phase: RTX-624

Column diameter: 0,18

63 Methyl methacrylate

Concentration: 51.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

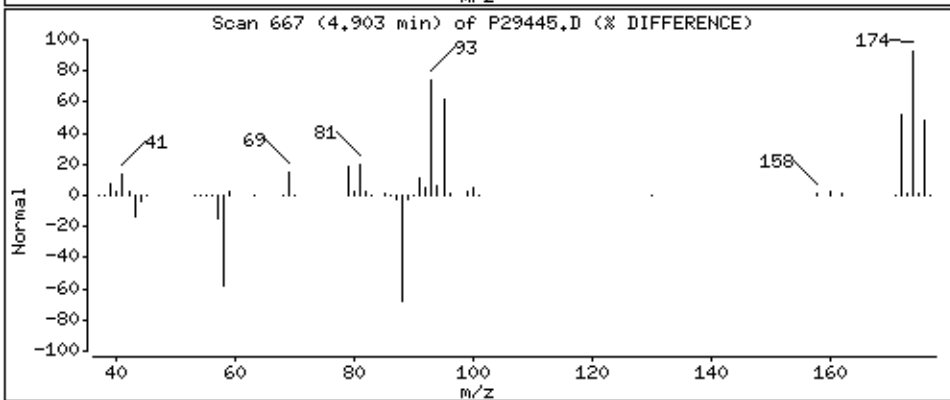
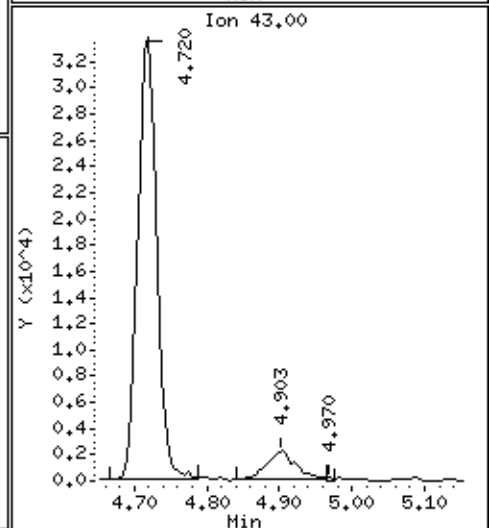
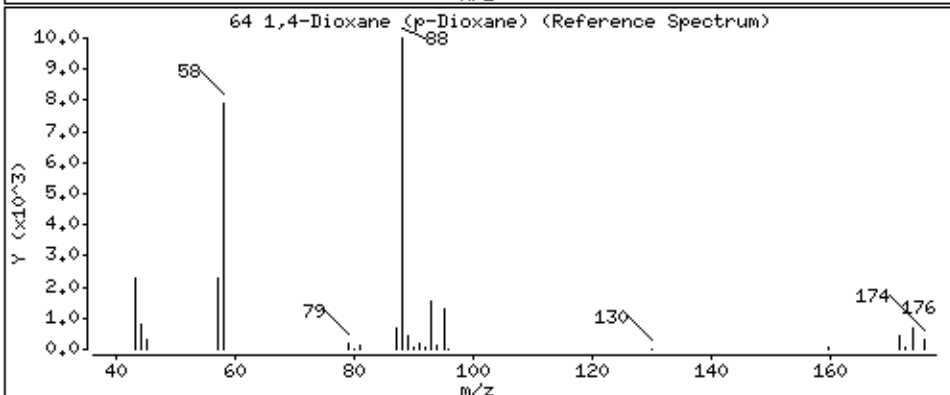
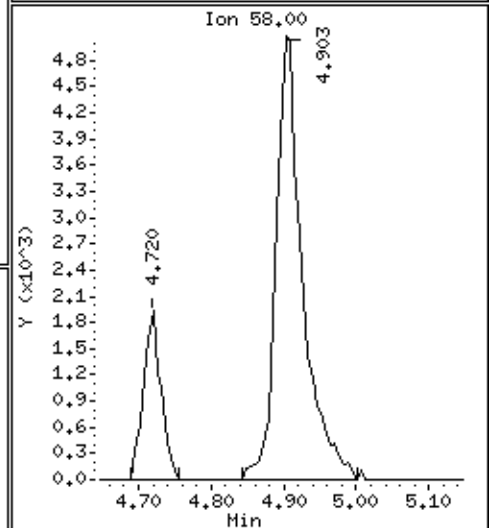
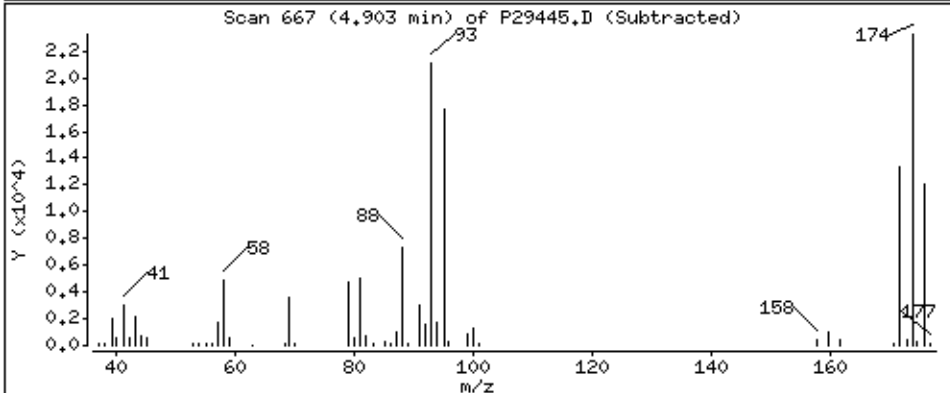
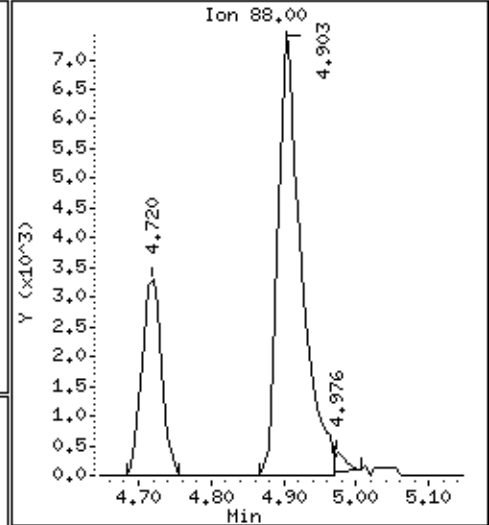
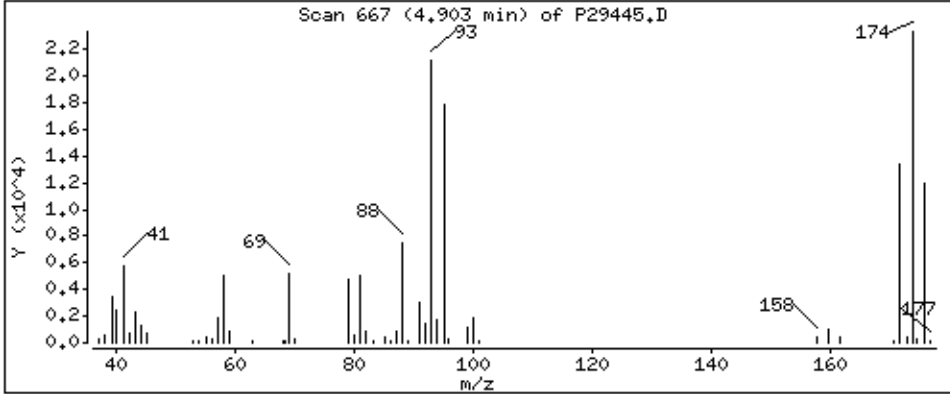
Column phase: RTX-624

Column diameter: 0.18

64 1,4-Dioxane (p-Dioxane)

Concentration: 1380 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

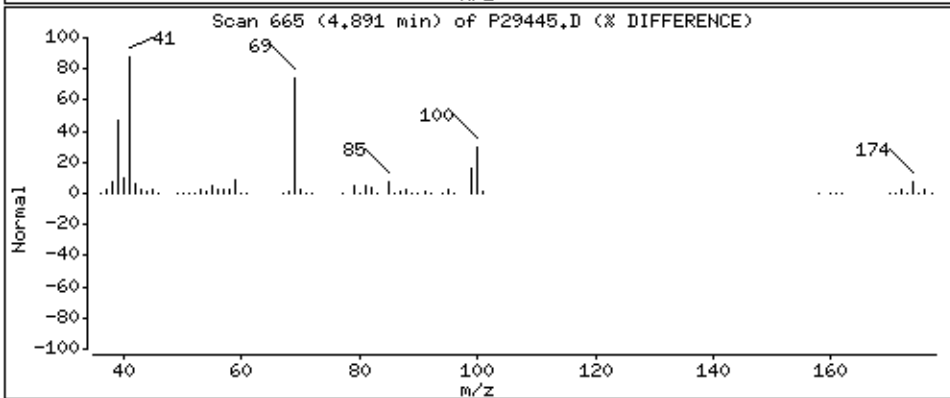
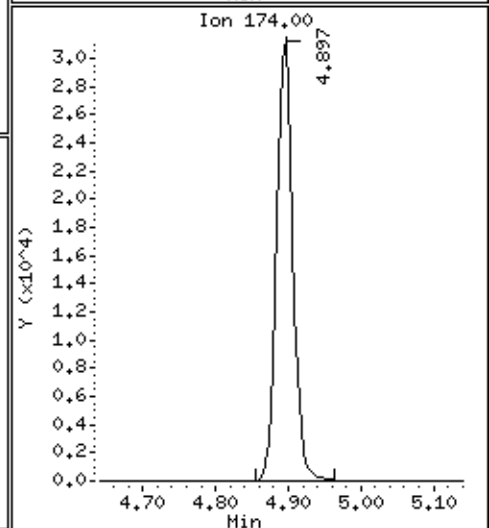
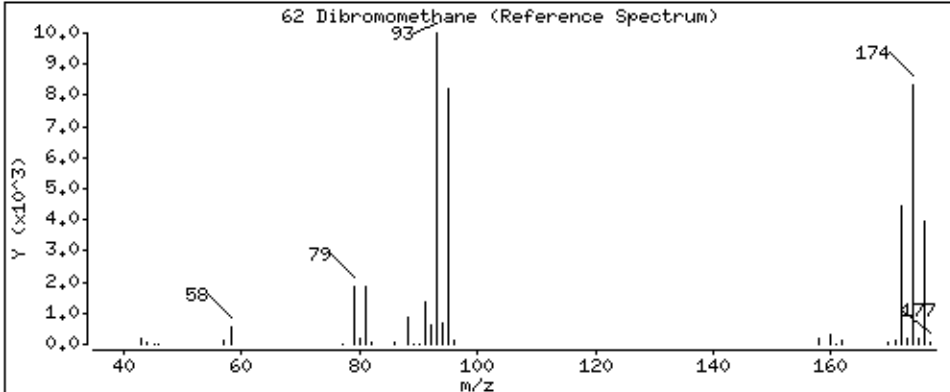
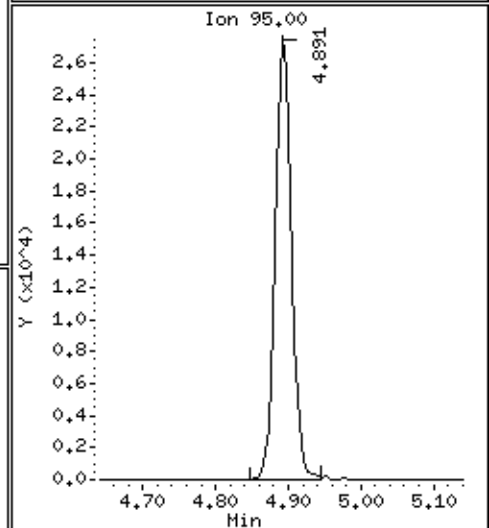
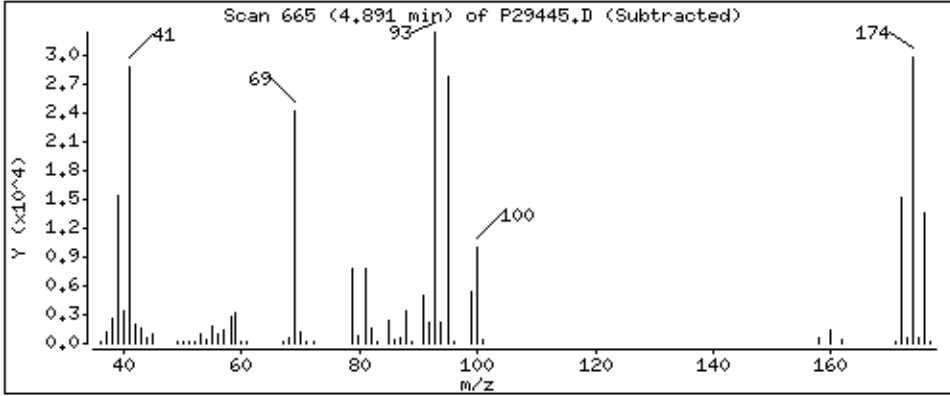
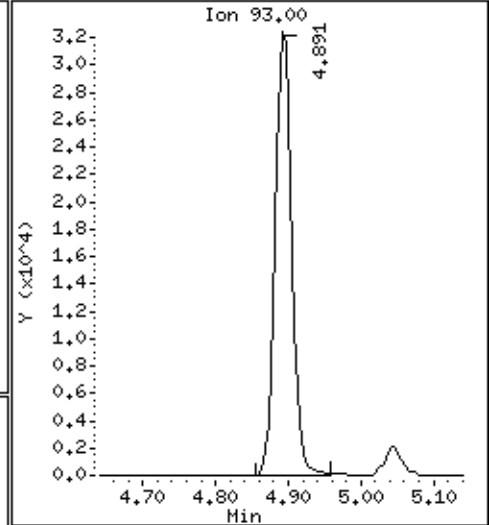
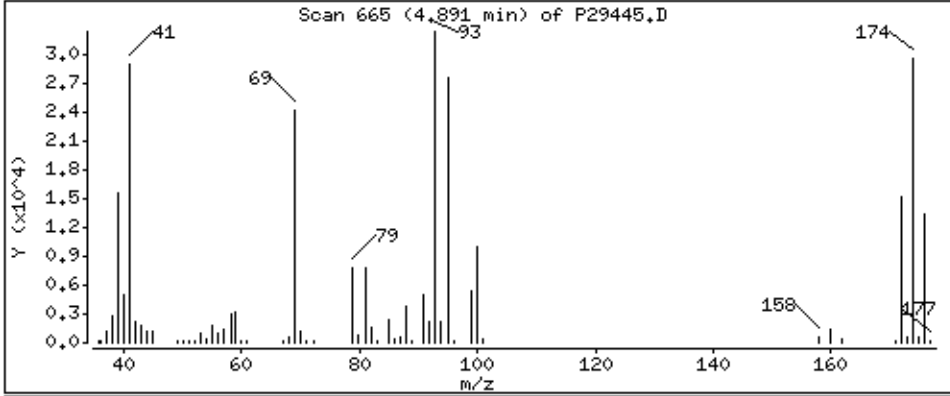
Column phase: RTX-624

Column diameter: 0,18

62 Dibromomethane

Concentration: 51.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

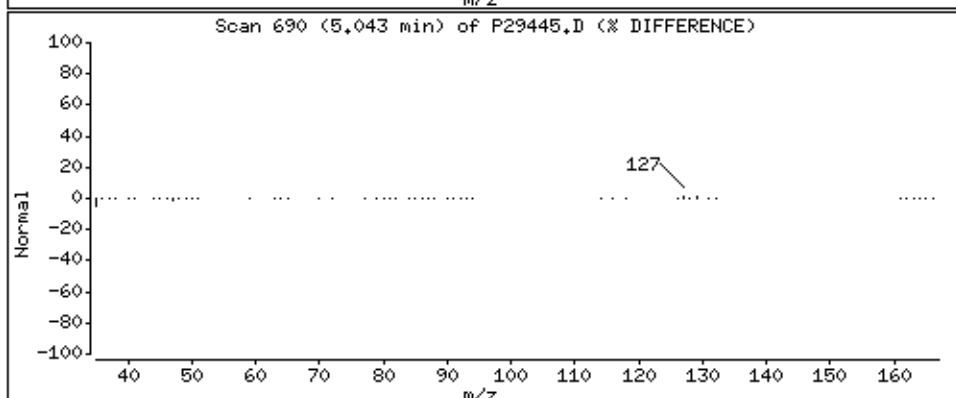
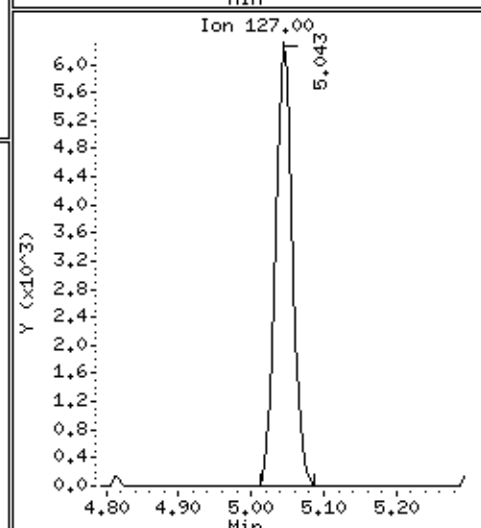
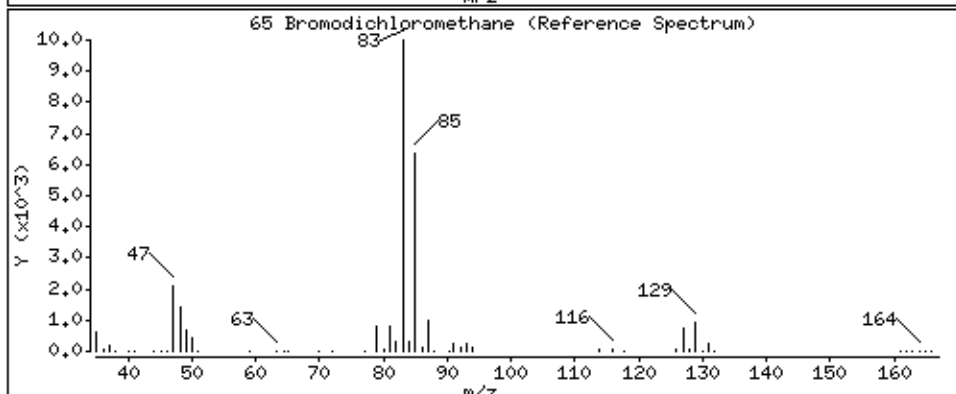
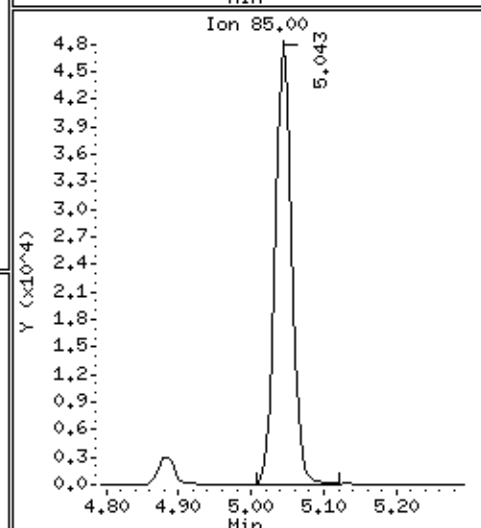
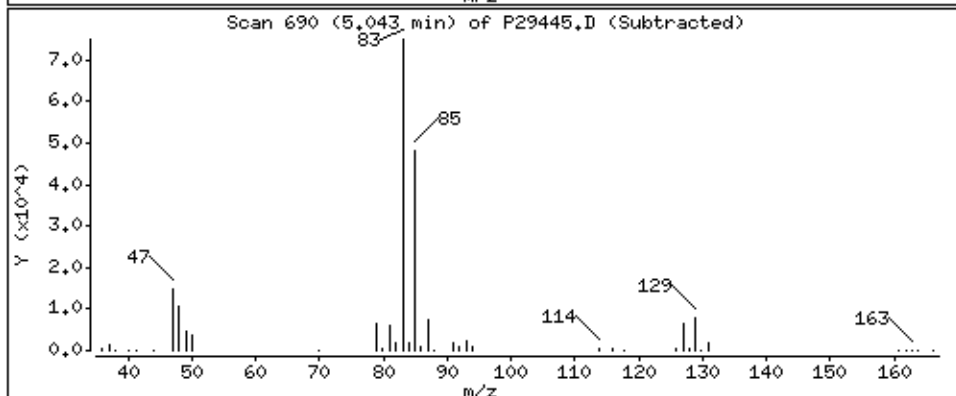
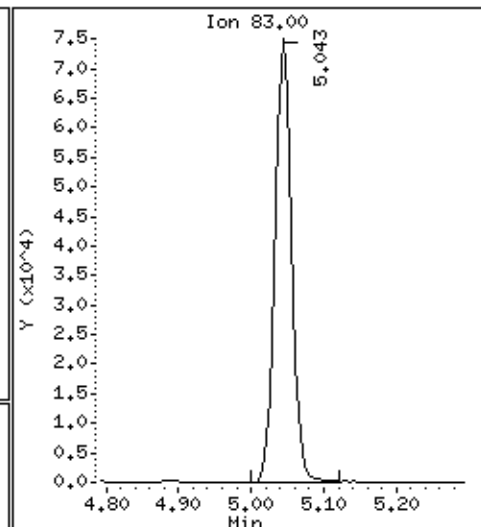
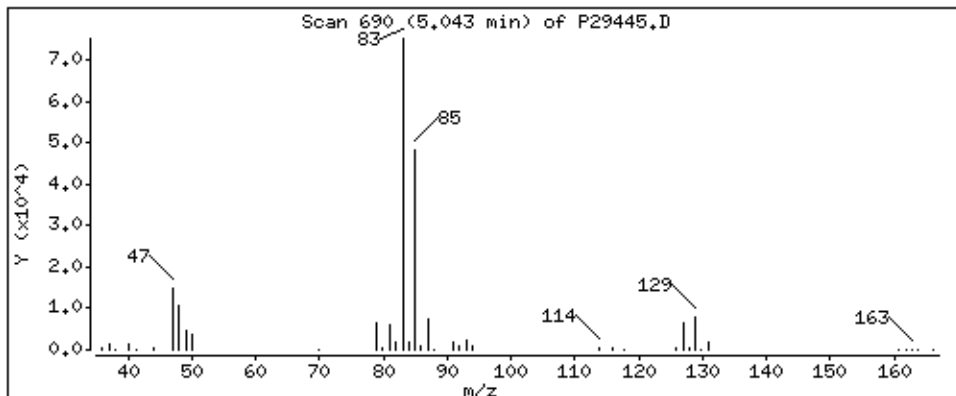
Column phase: RTX-624

Column diameter: 0,18

65 Bromodichloromethane

Concentration: 51,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

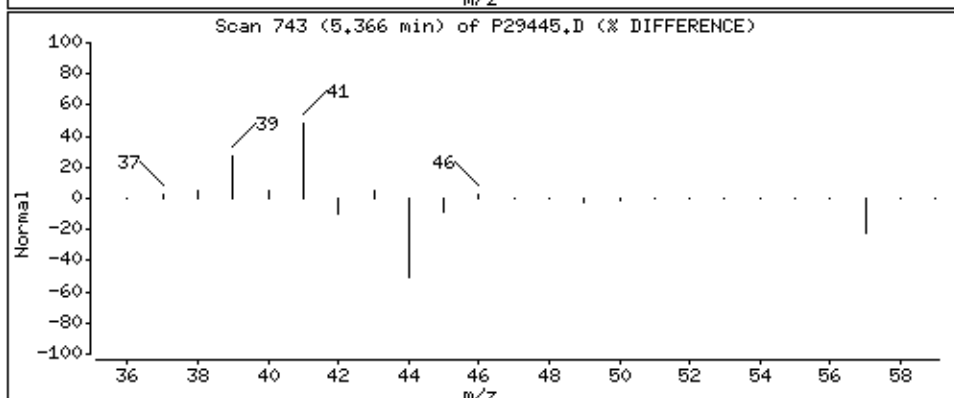
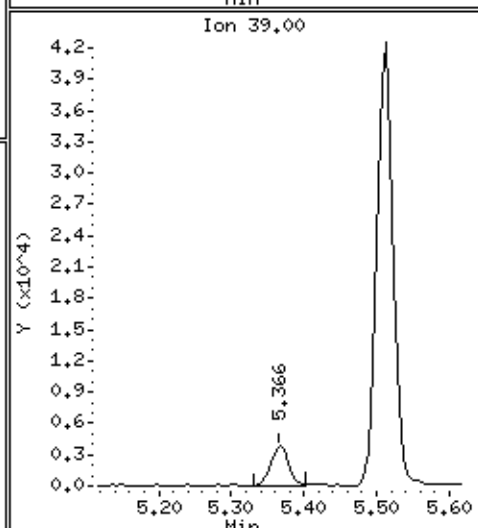
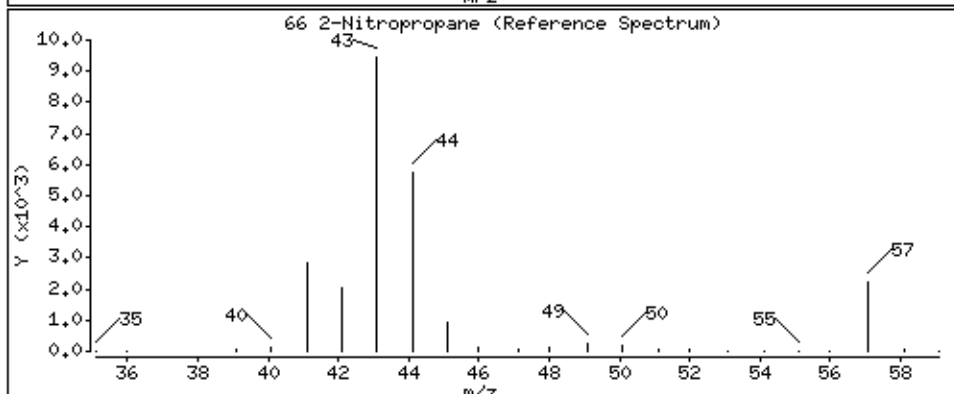
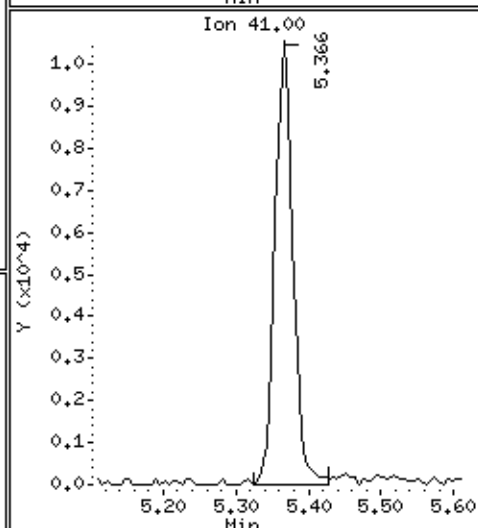
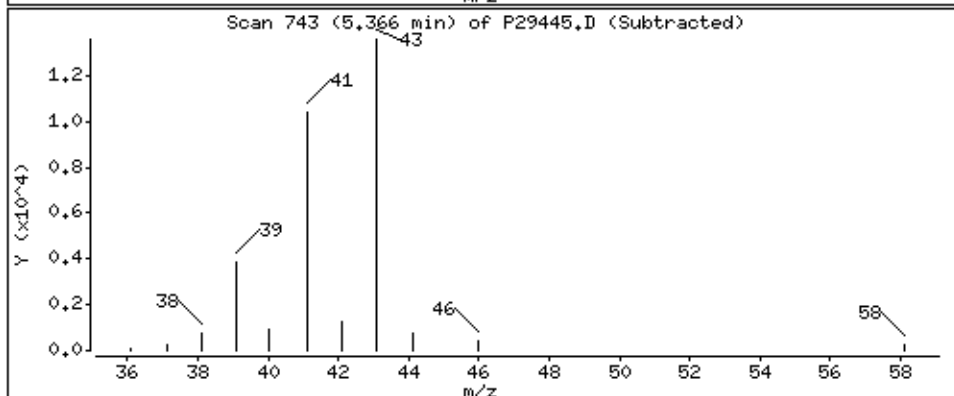
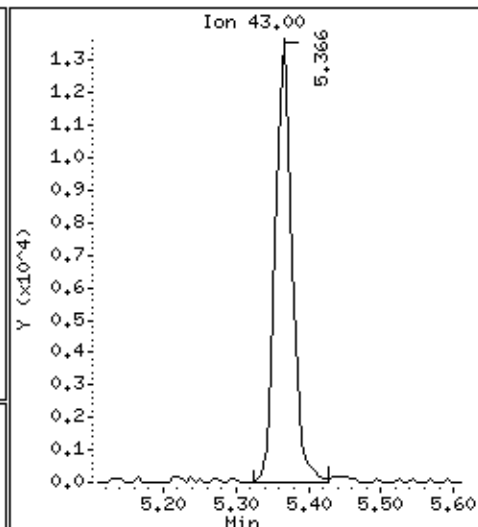
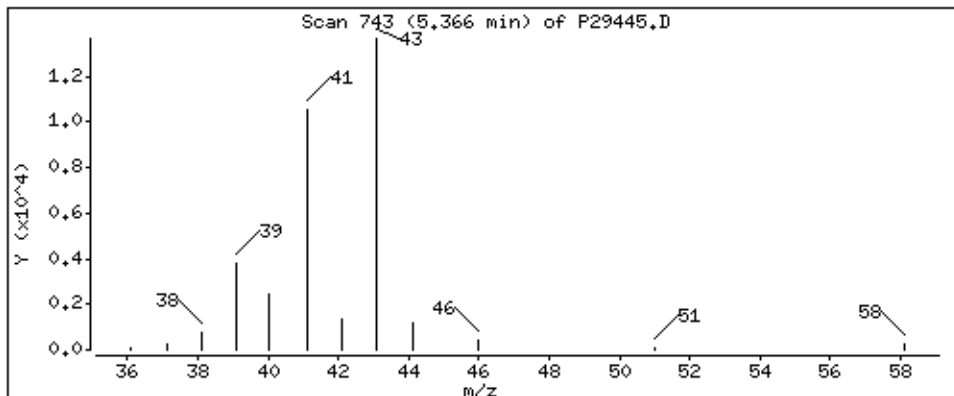
Column phase: RTX-624

Column diameter: 0,18

66 2-Nitropropane

Concentration: 25,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

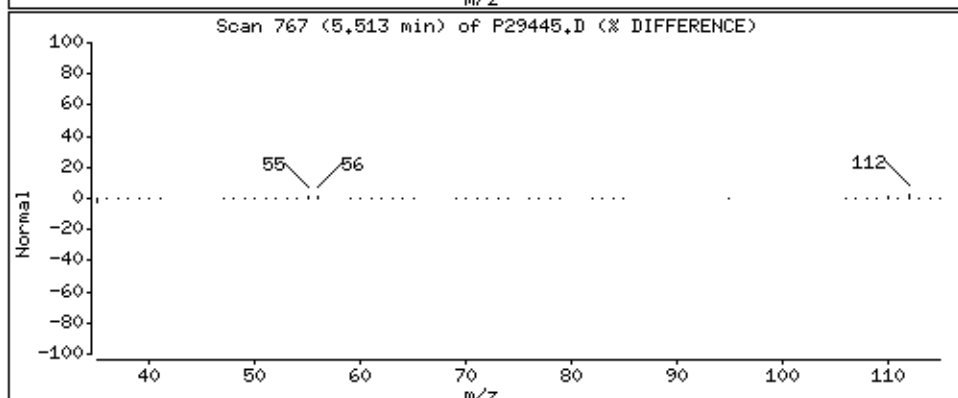
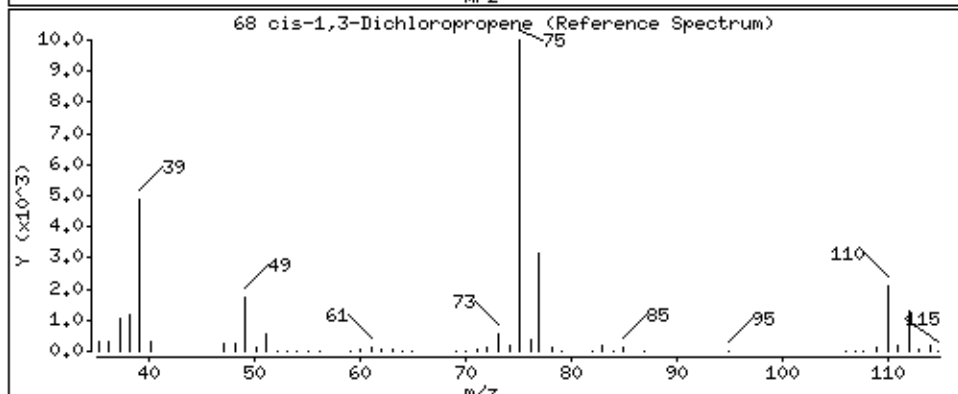
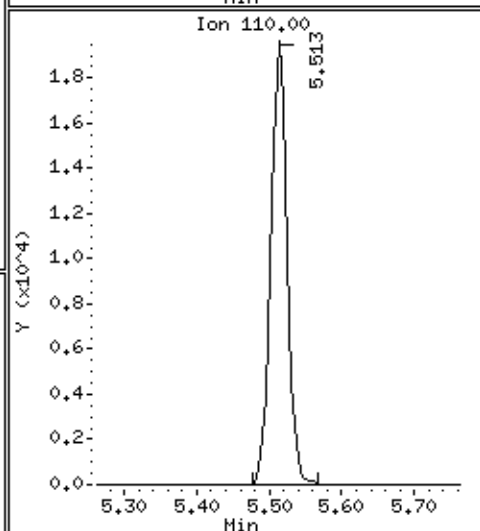
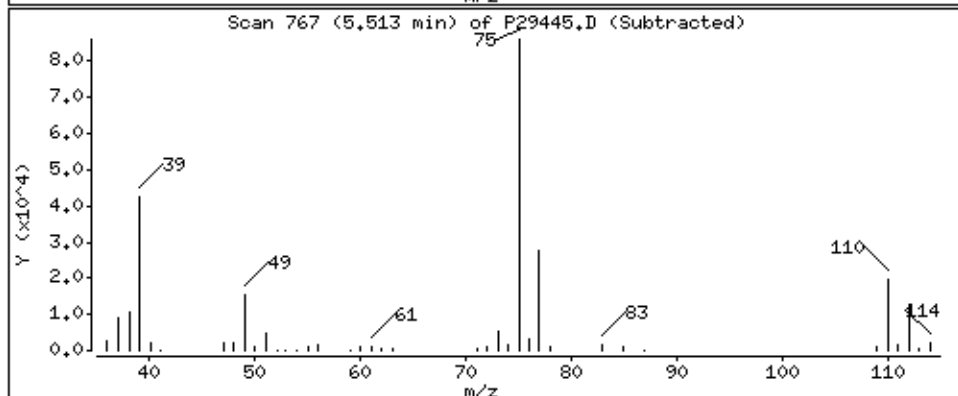
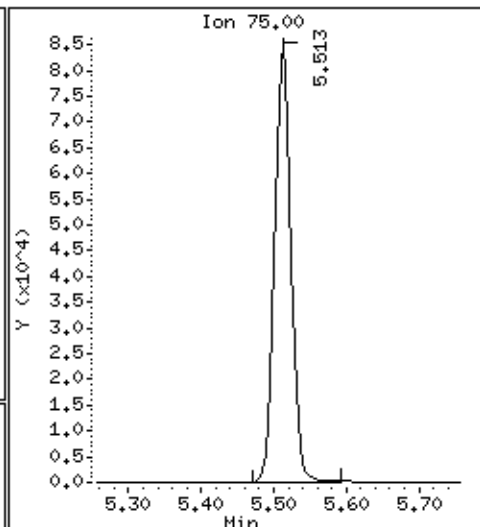
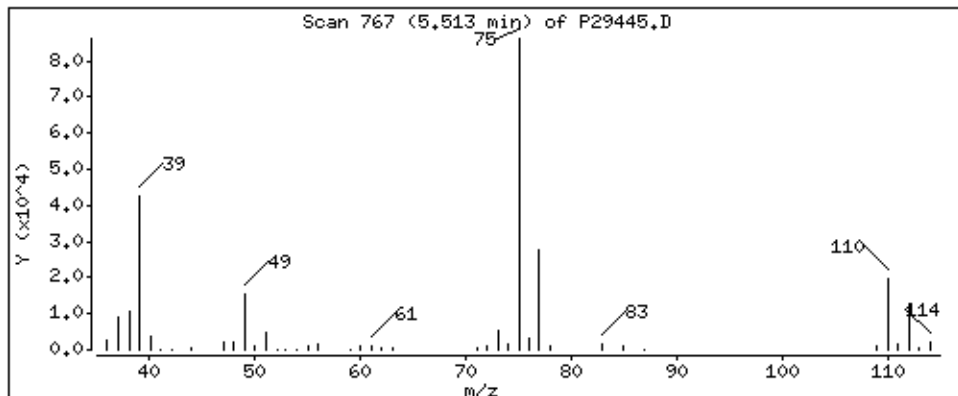
Column phase: RTX-624

Column diameter: 0.18

68 cis-1,3-Dichloropropene

Concentration: 48.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

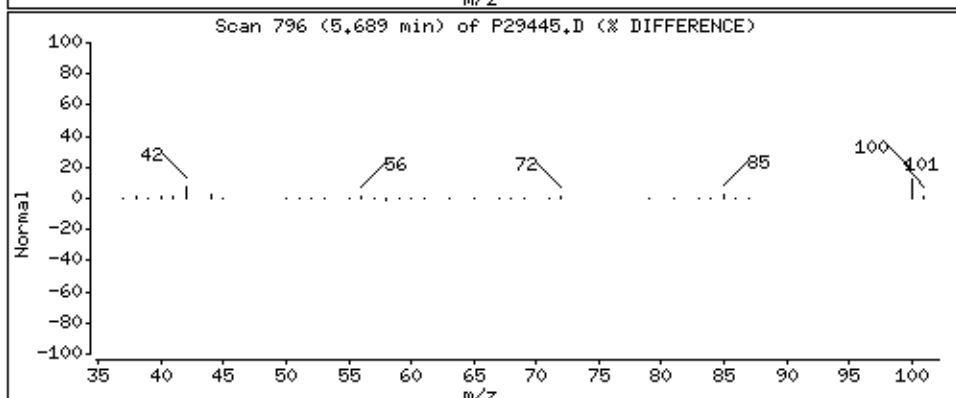
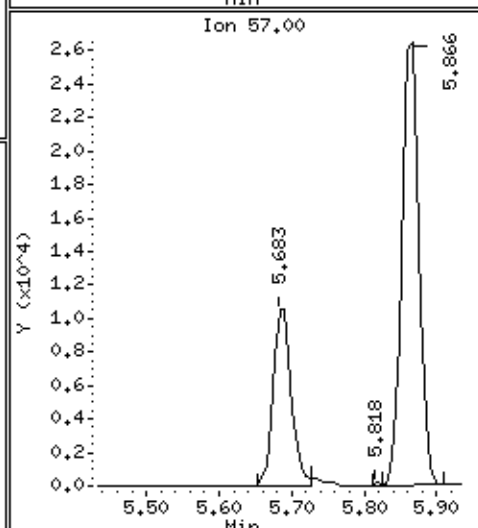
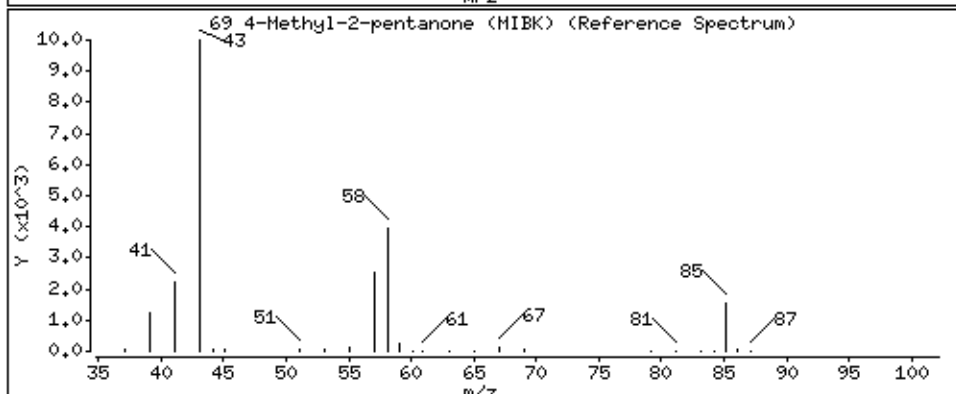
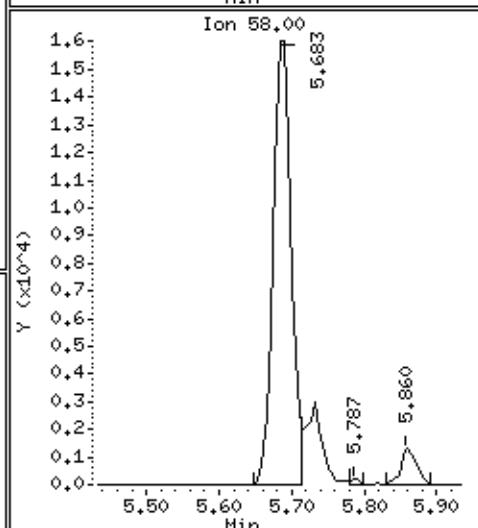
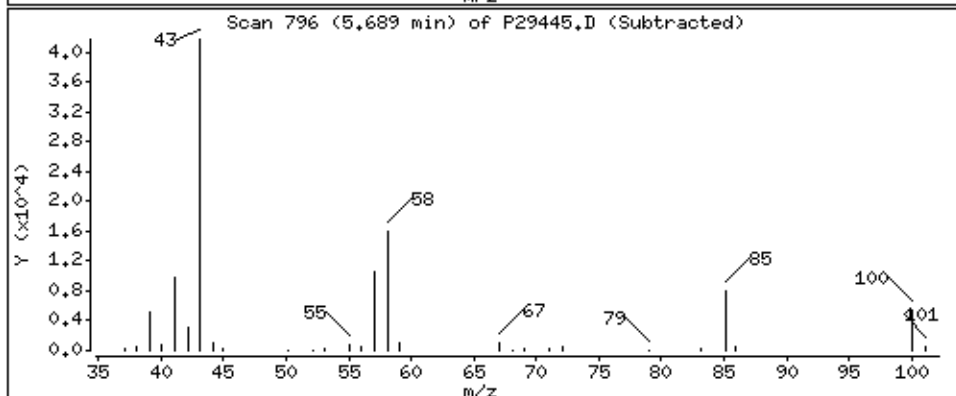
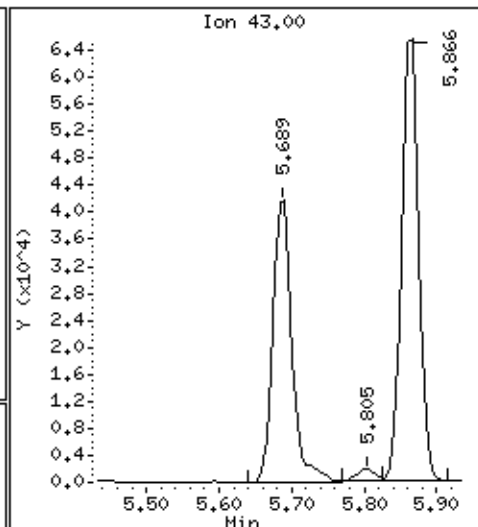
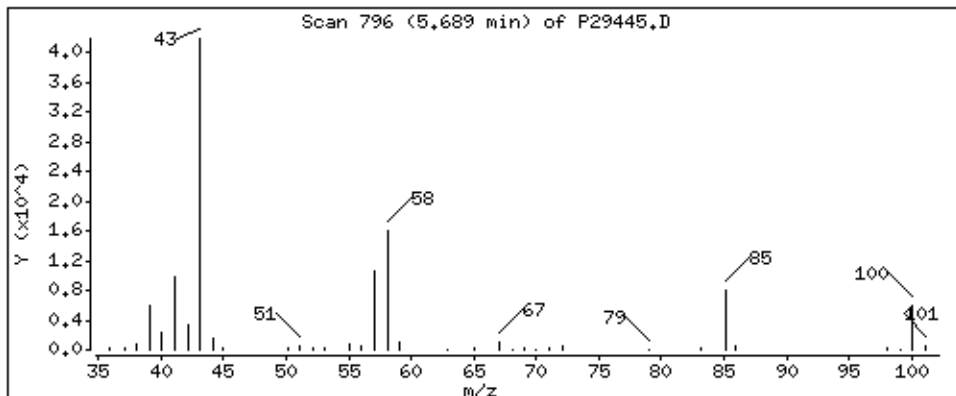
Column phase: RTX-624

Column diameter: 0,18

69 4-Methyl-2-pentanone (MIBK)

Concentration: 65,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

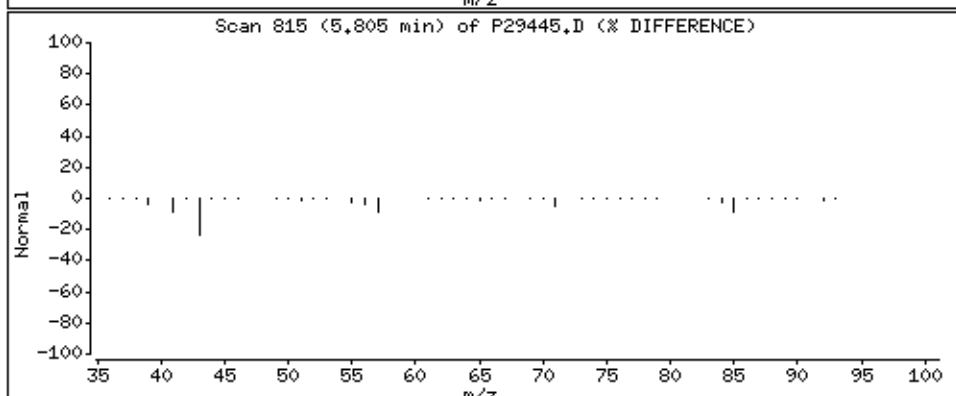
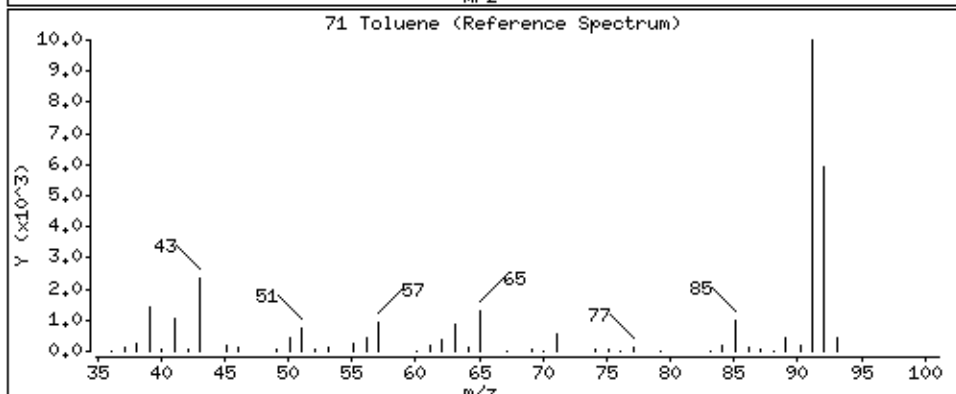
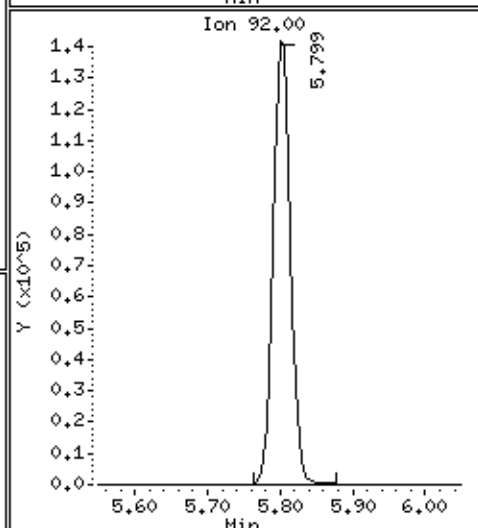
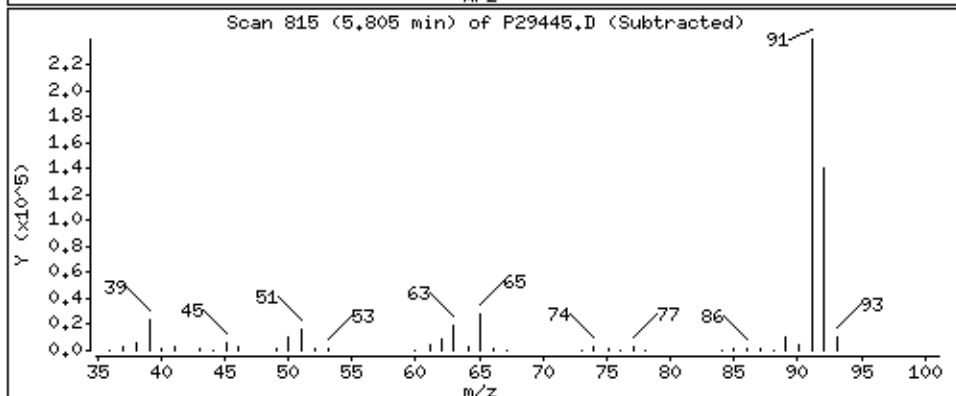
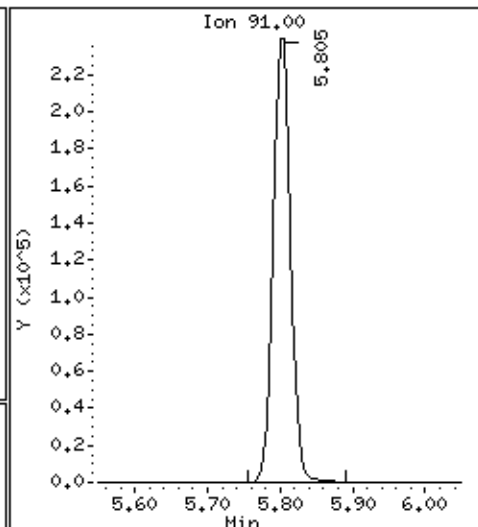
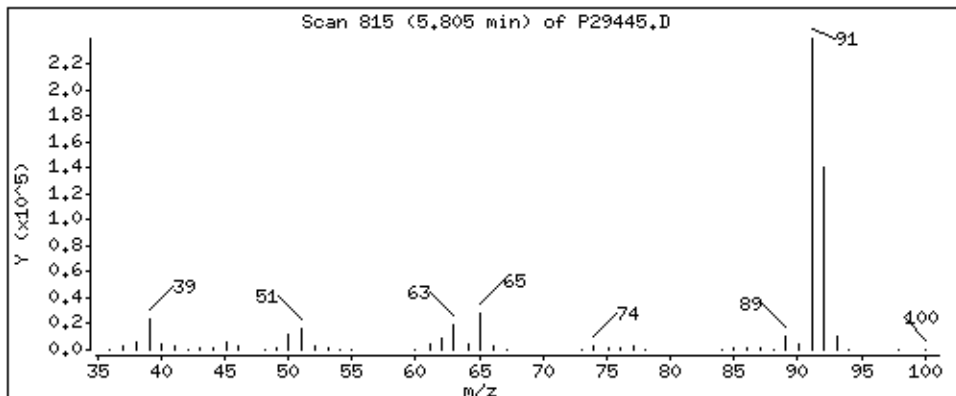
Column phase: RTX-624

Column diameter: 0,18

71 Toluene

Concentration: 52.6 ug/L

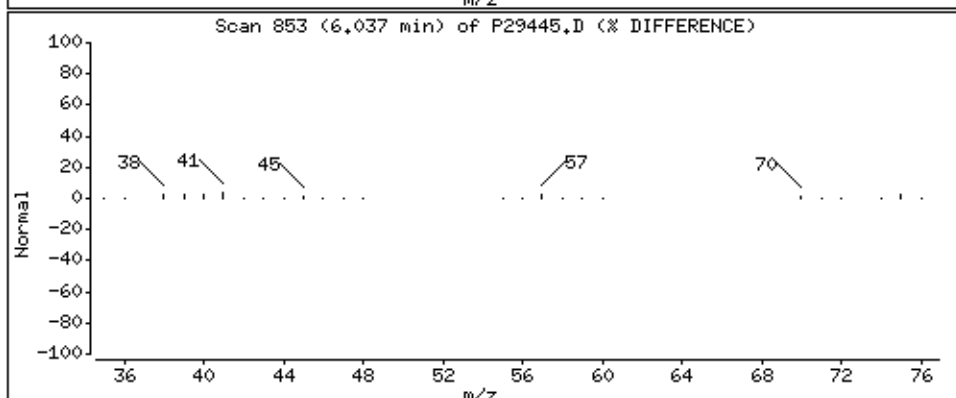
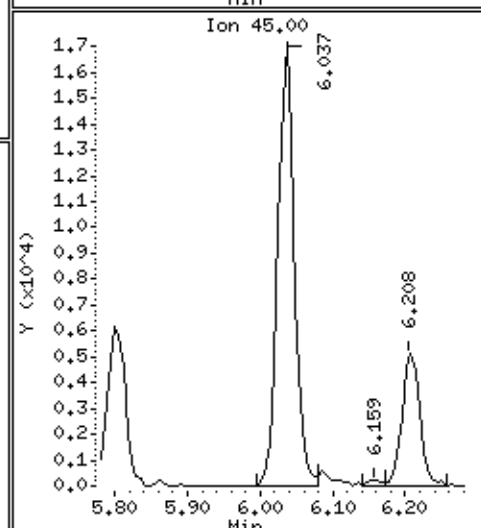
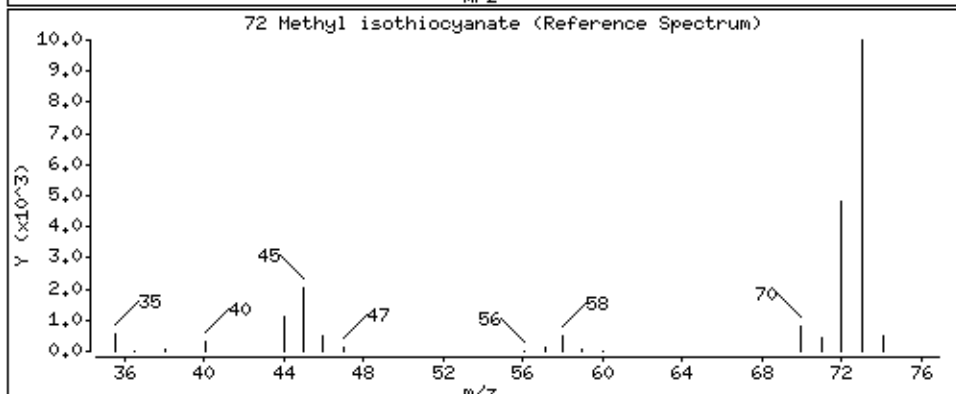
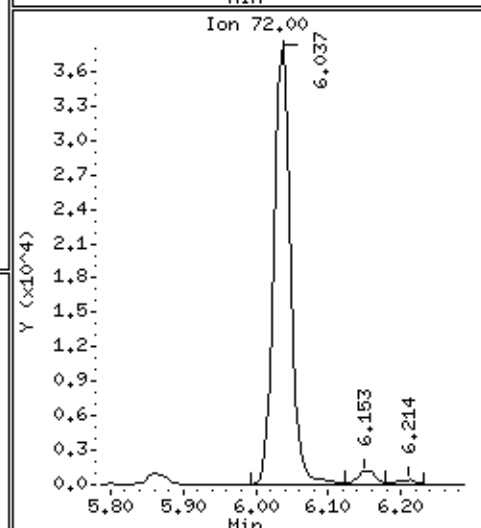
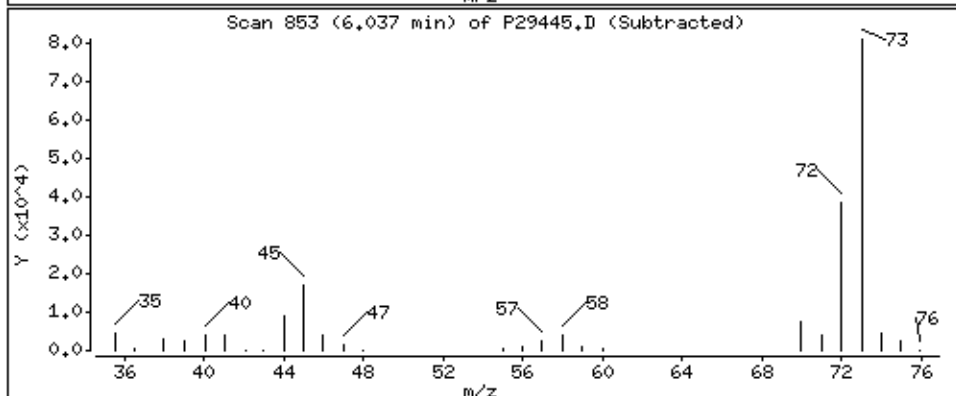
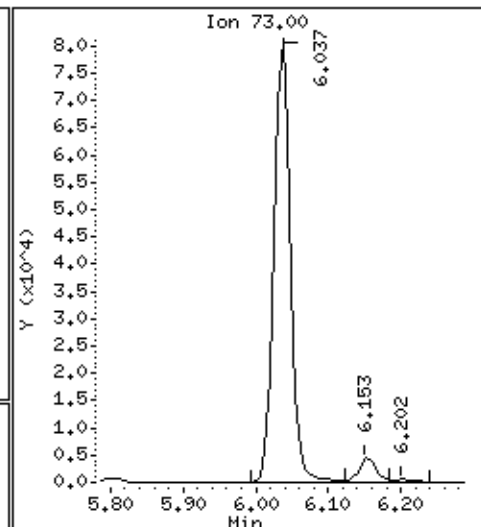
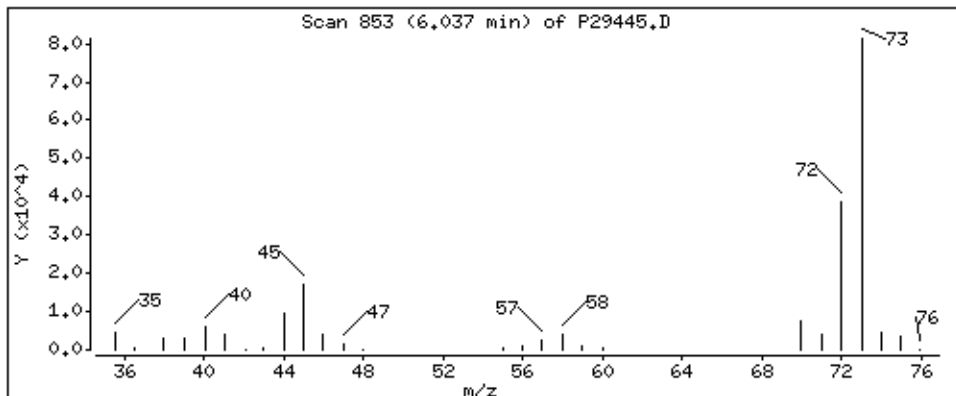
Review Code:



72 Methyl isothiocyanate

Concentration: 140 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

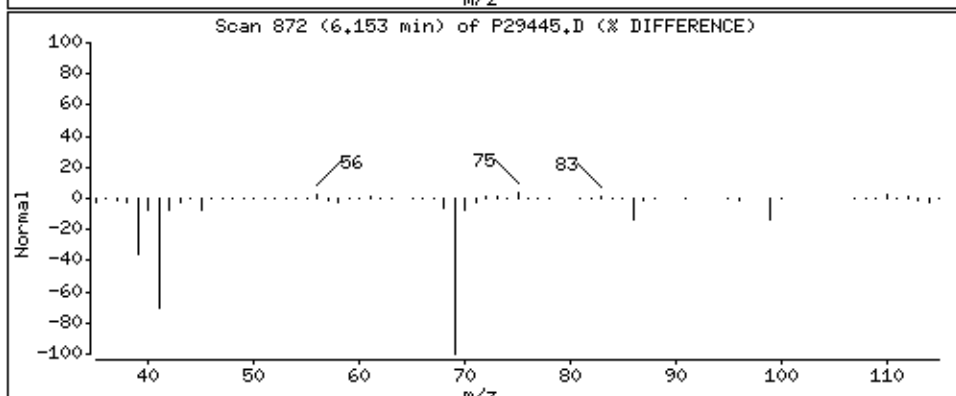
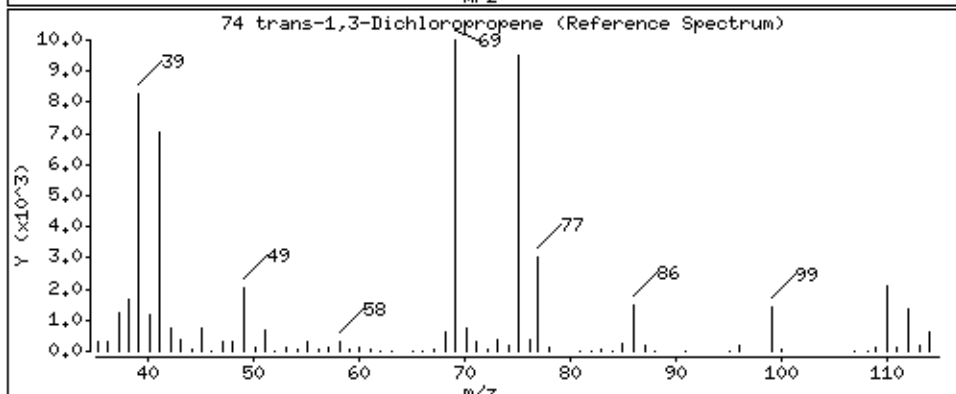
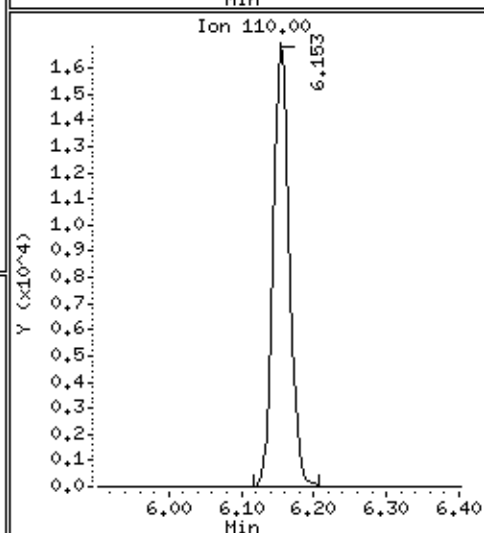
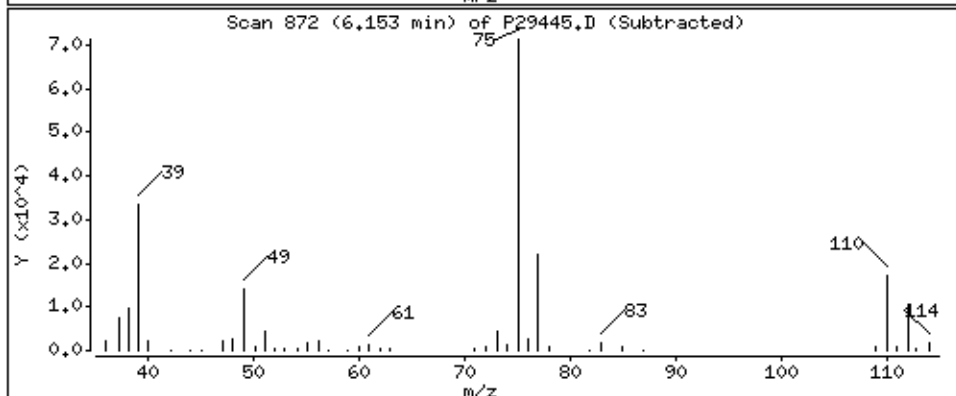
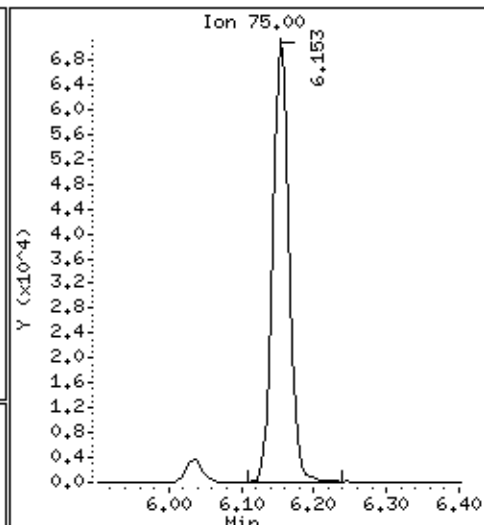
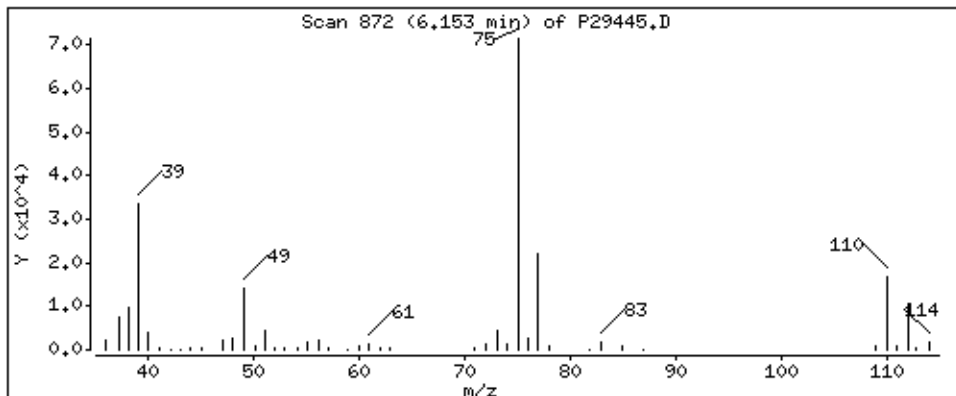
Column phase: RTX-624

Column diameter: 0,18

74 trans-1,3-Dichloropropene

Concentration: 44,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

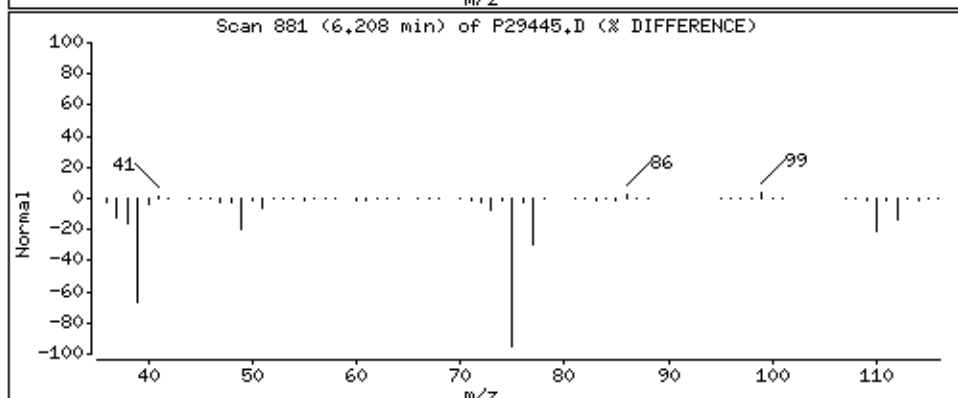
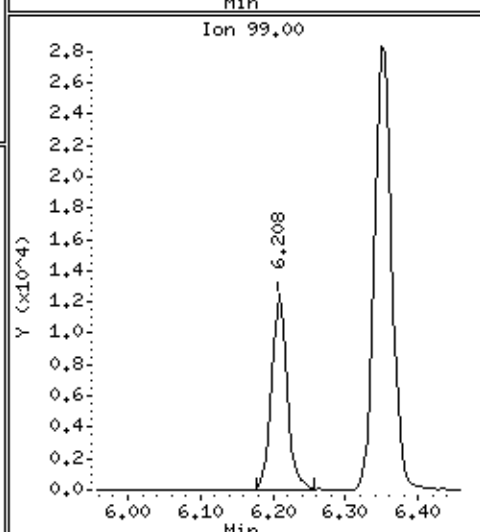
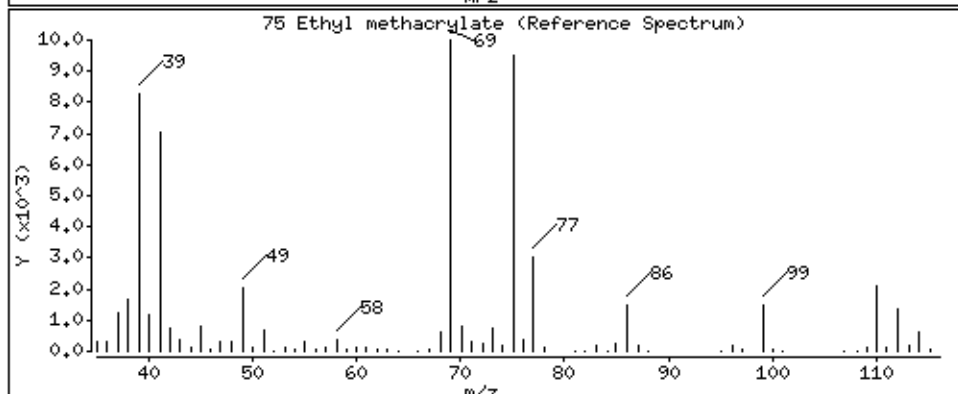
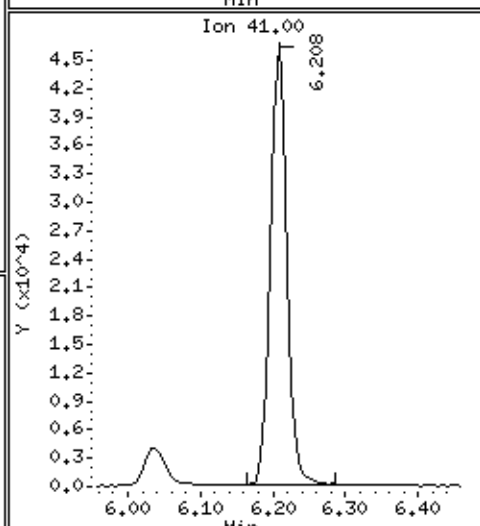
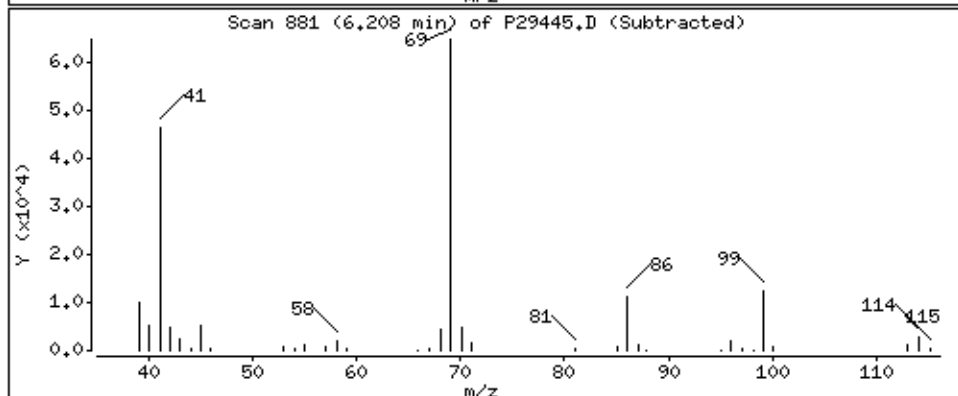
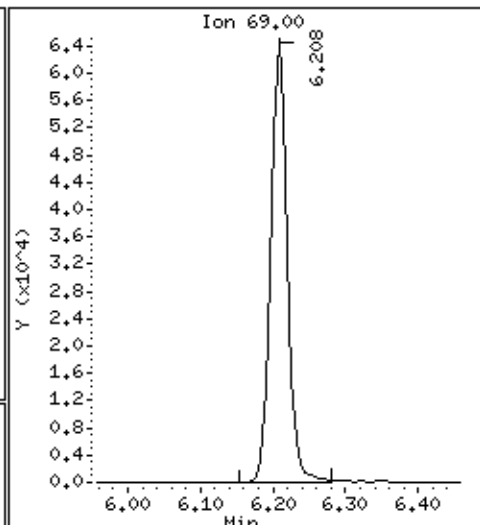
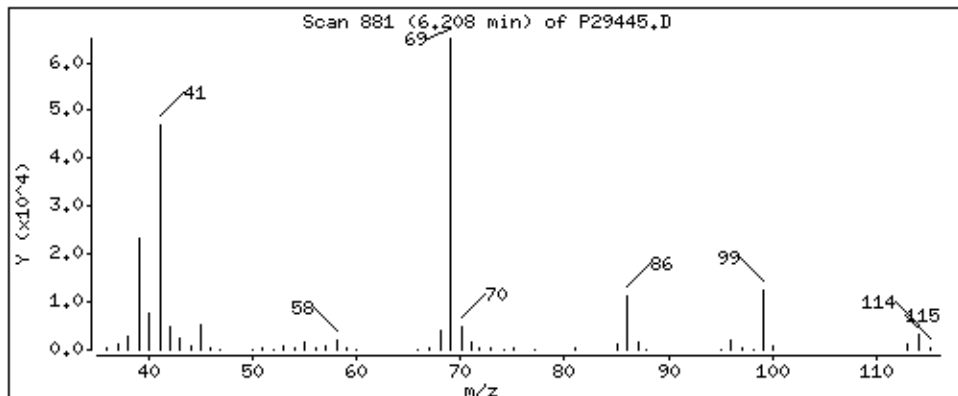
Column phase: RTX-624

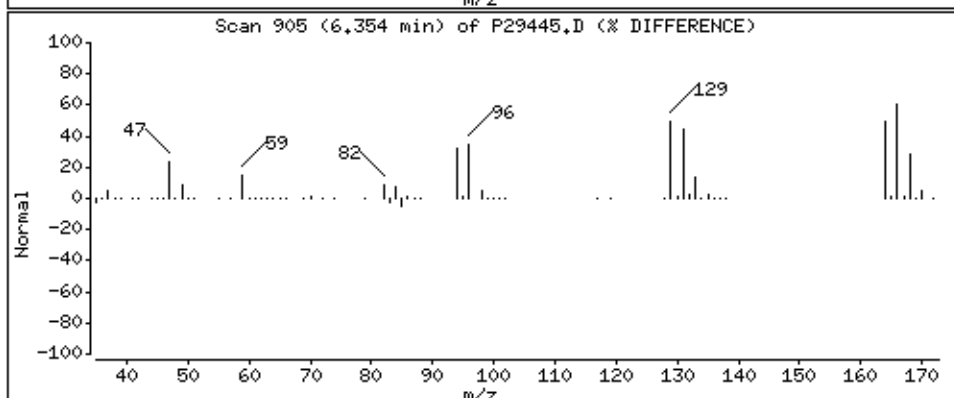
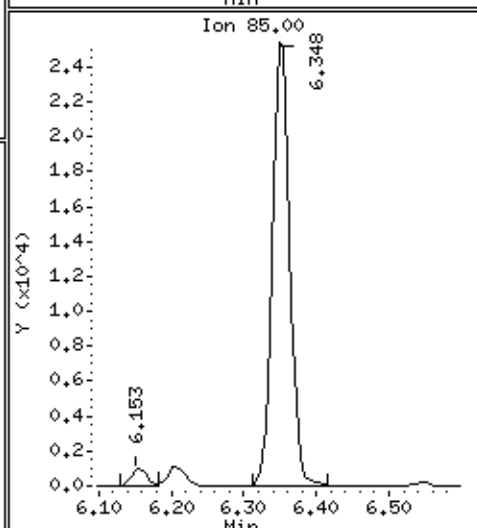
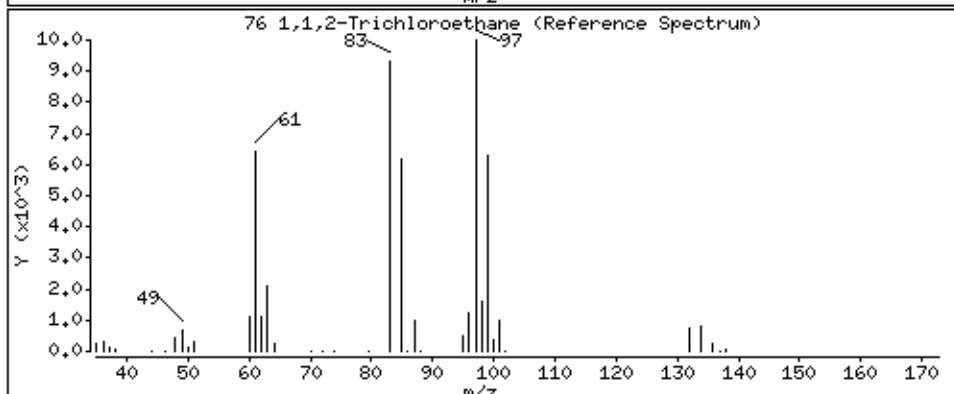
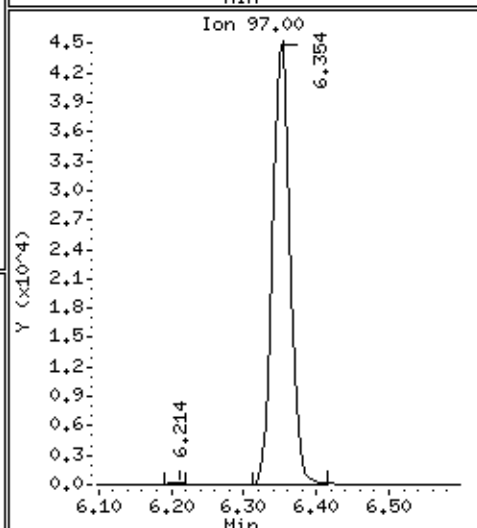
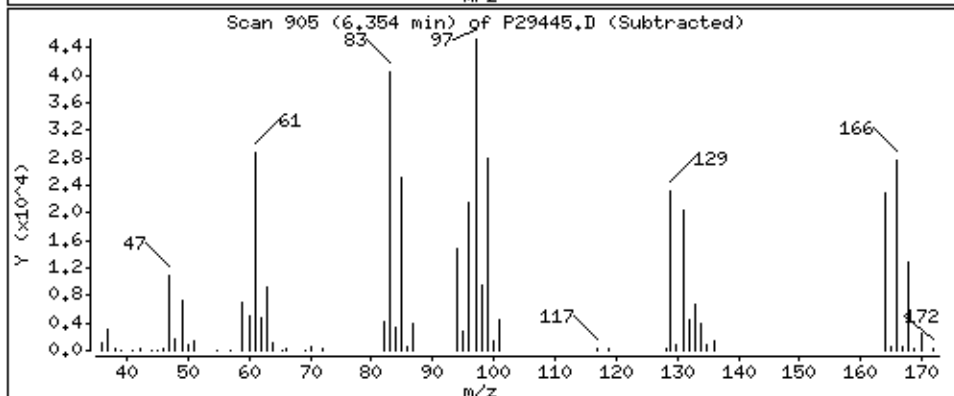
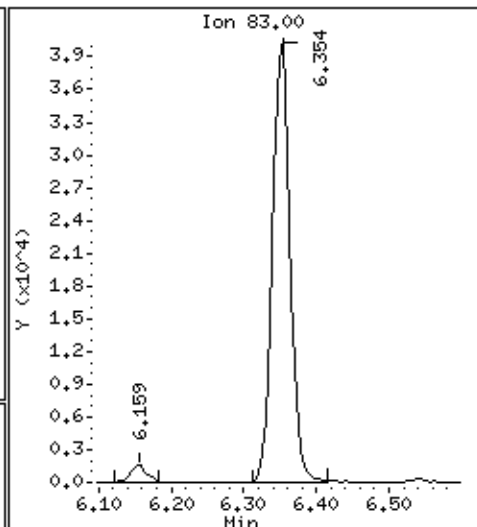
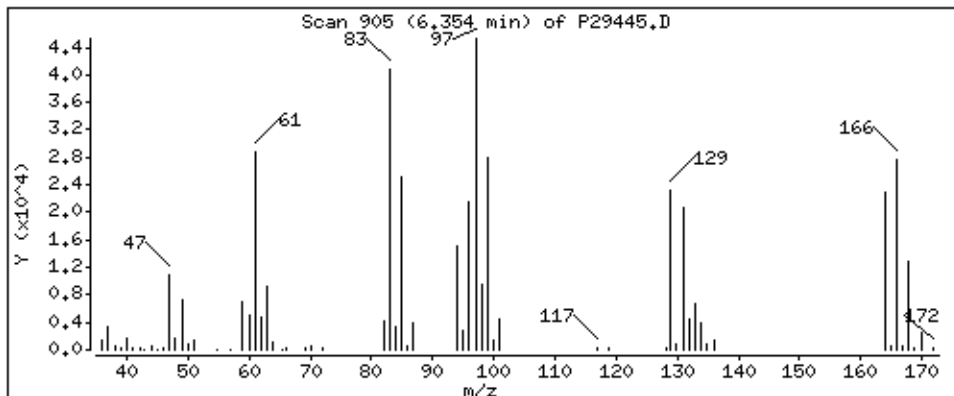
Column diameter: 0.18

75 Ethyl methacrylate

Concentration: 52.0 ug/L

Review Code:





Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

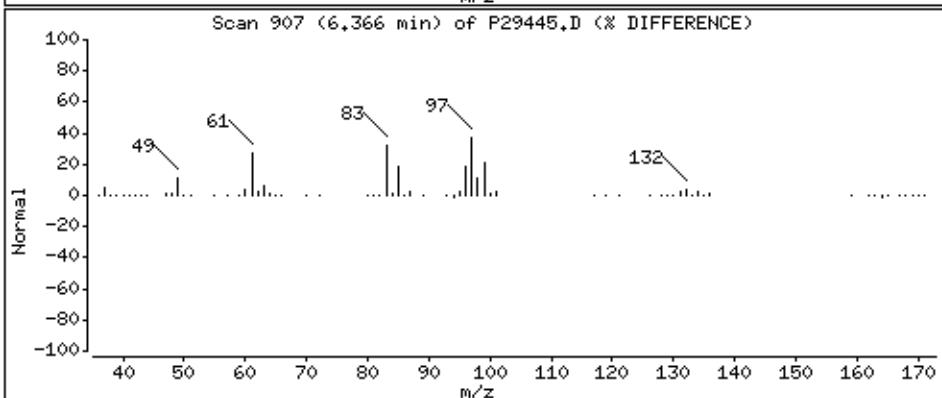
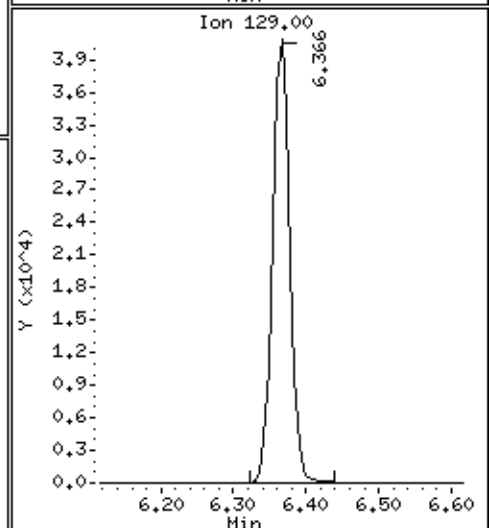
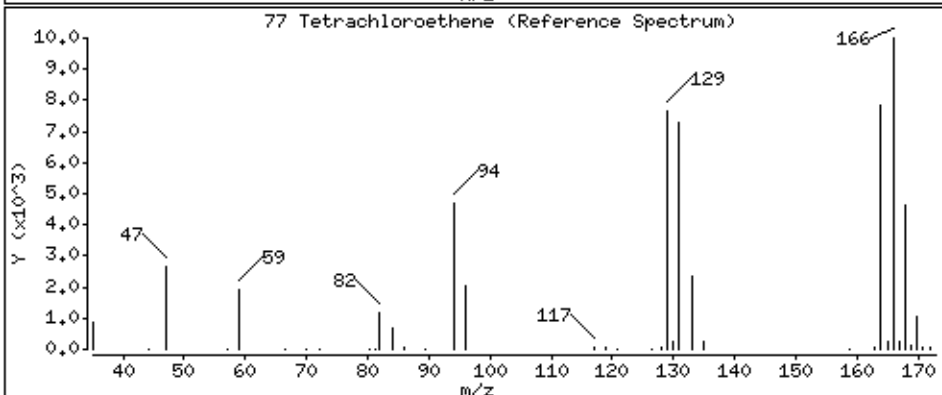
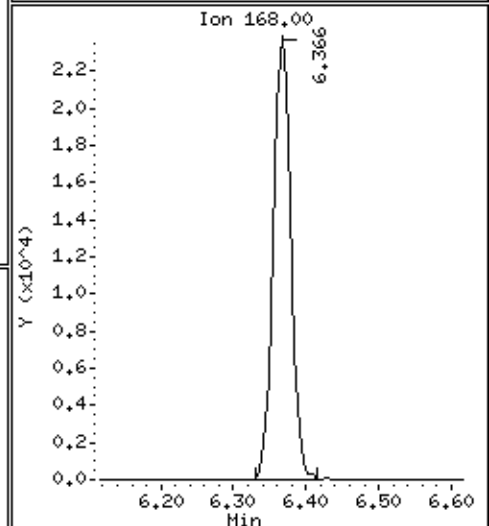
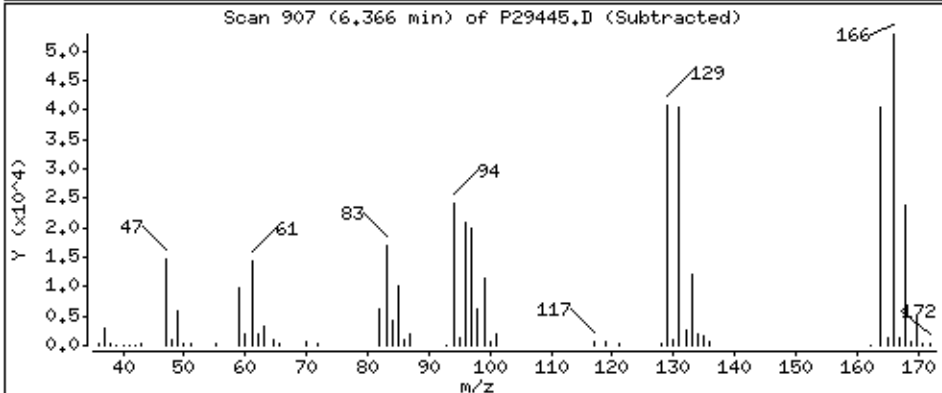
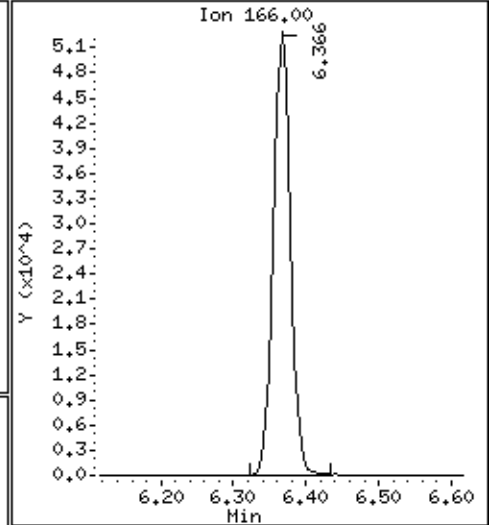
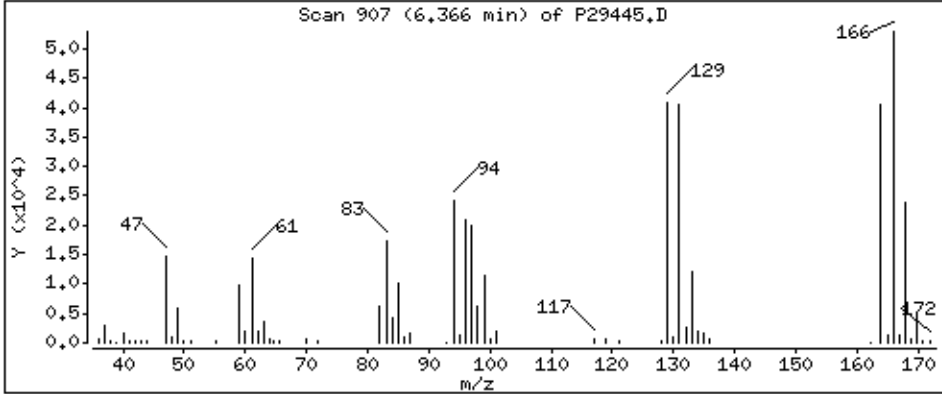
Column phase: RTX-624

Column diameter: 0,18

77 Tetrachloroethene

Concentration: 50,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

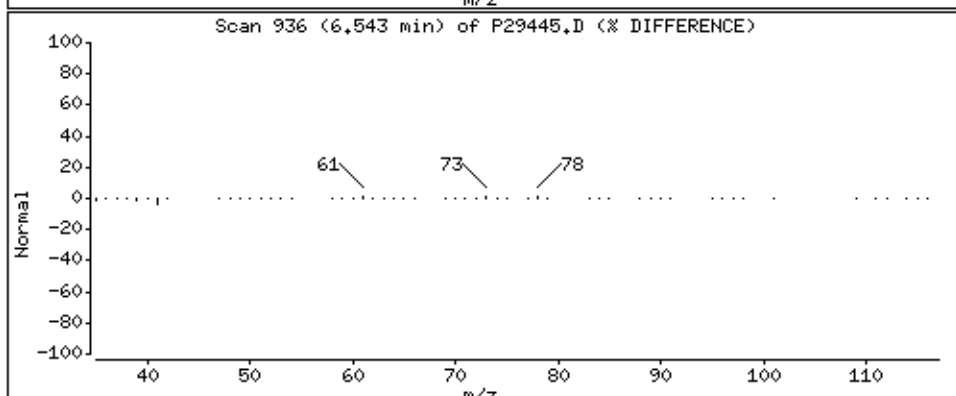
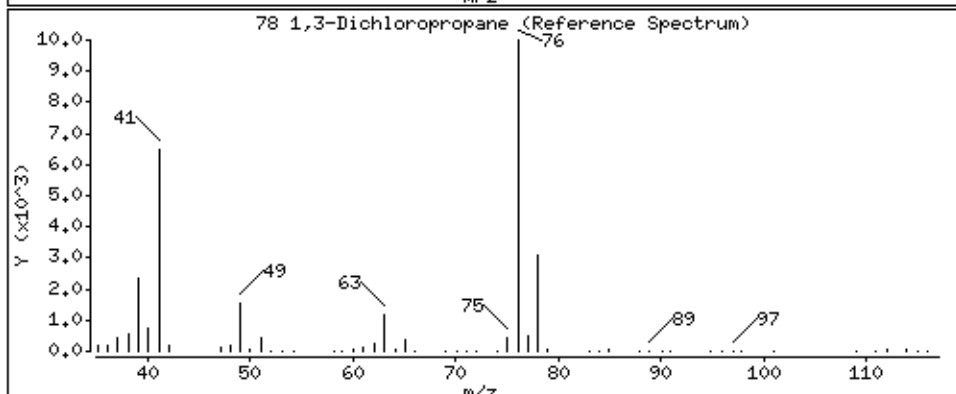
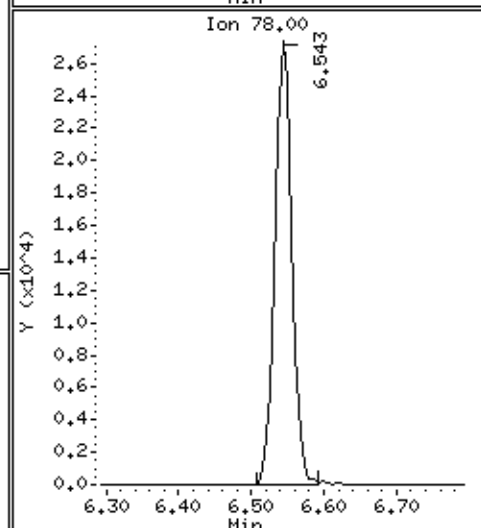
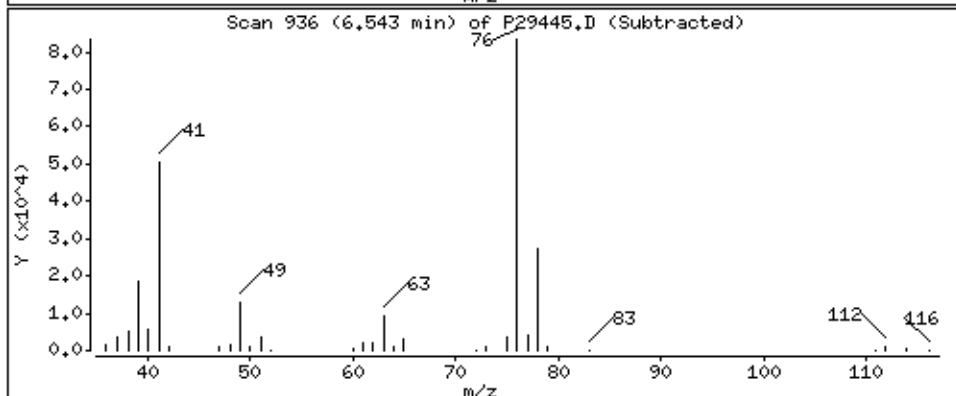
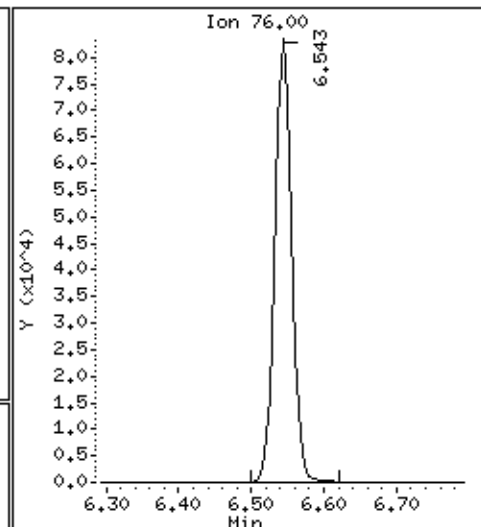
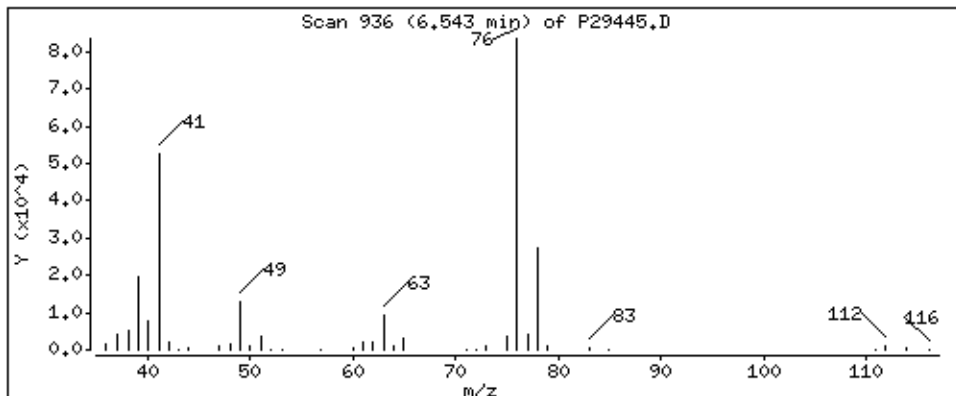
Column phase: RTX-624

Column diameter: 0,18

78 1,3-Dichloropropane

Concentration: 53,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

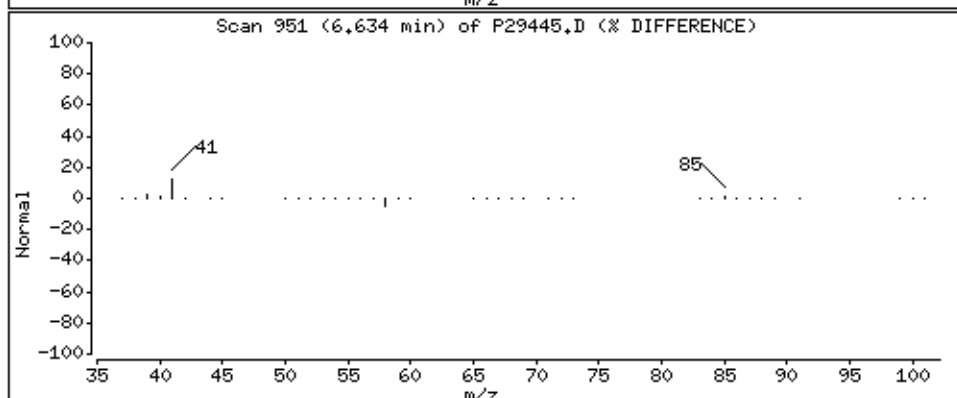
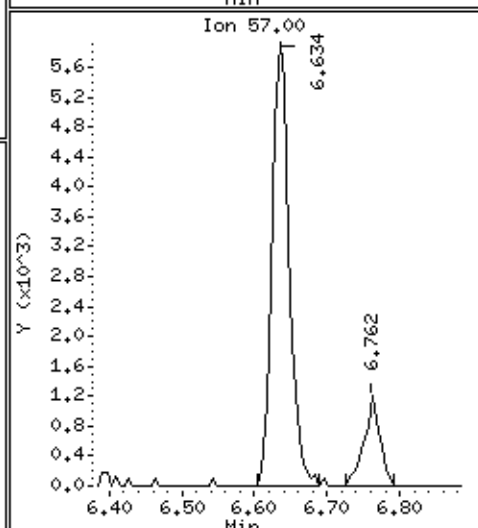
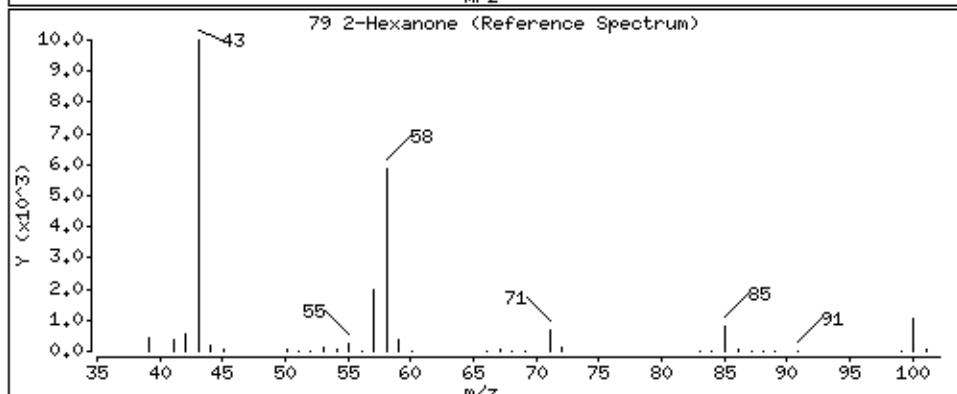
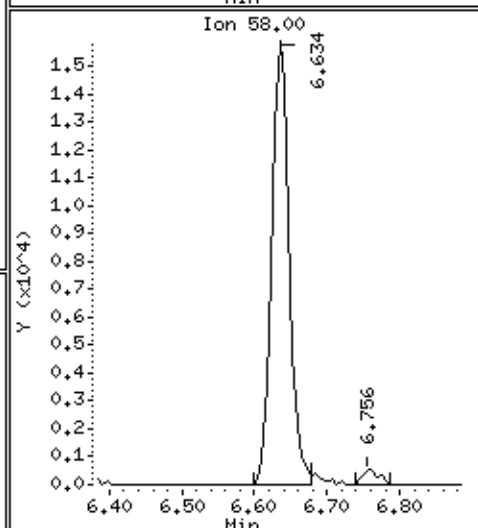
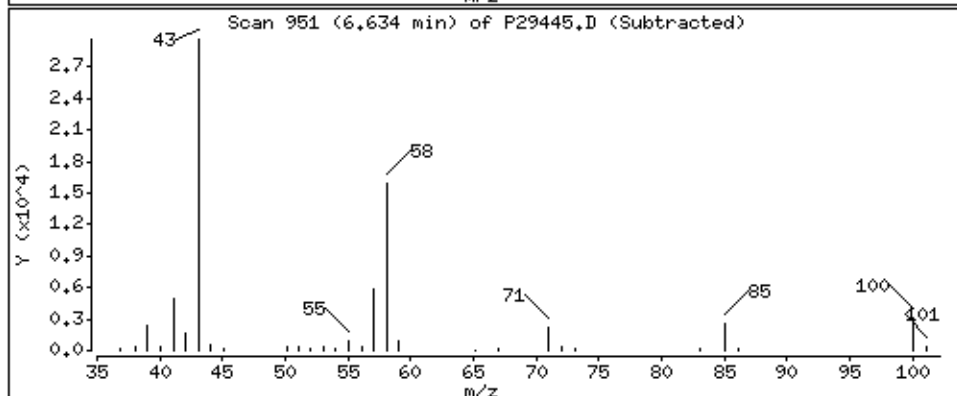
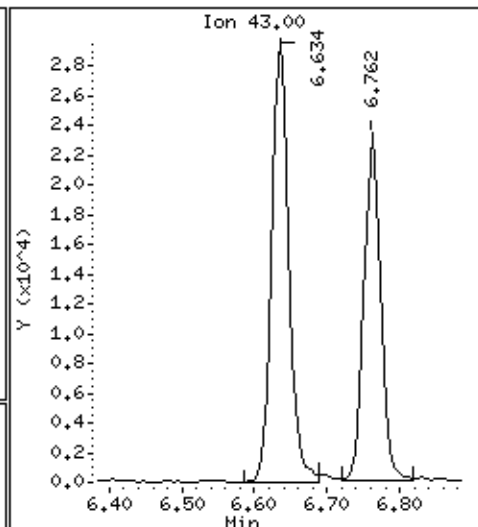
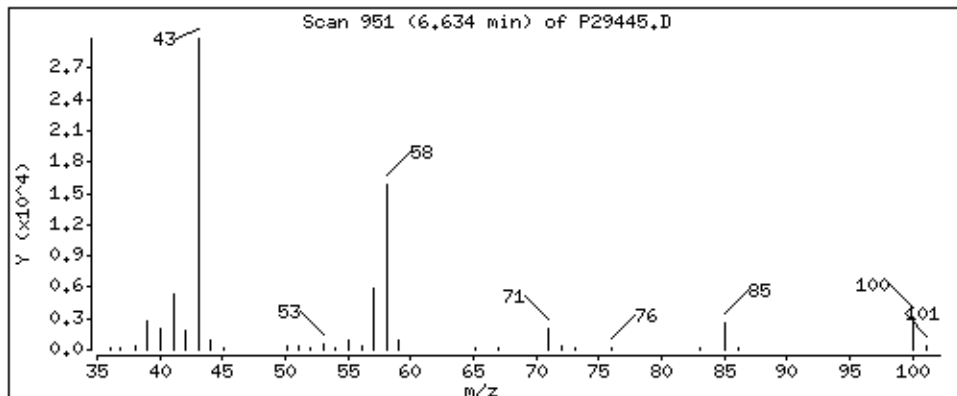
Column phase: RTX-624

Column diameter: 0,18

79 2-Hexanone

Concentration: 58,0 ug/L

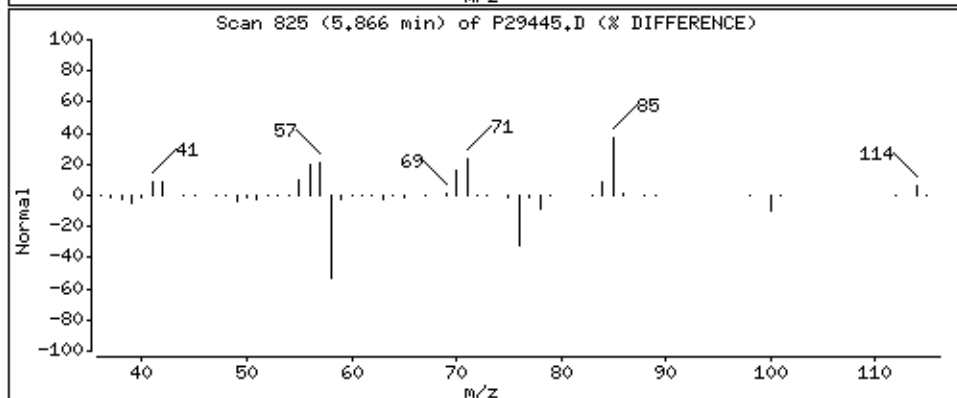
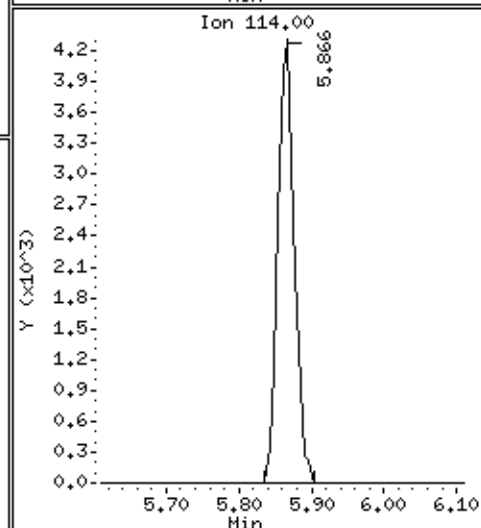
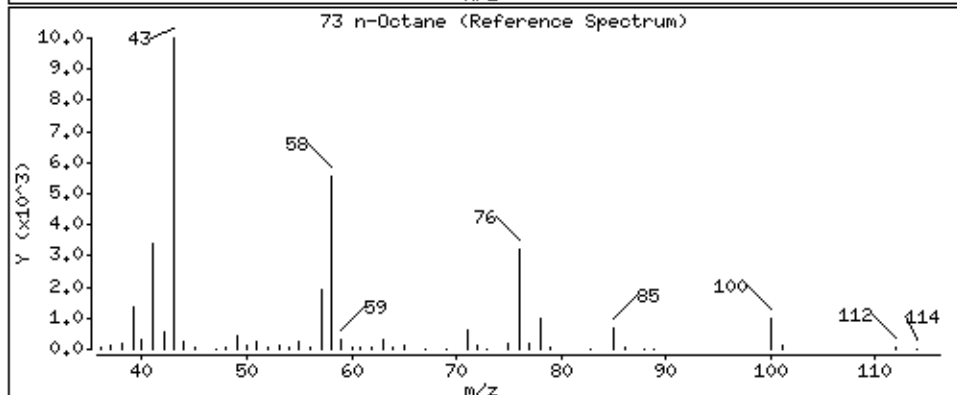
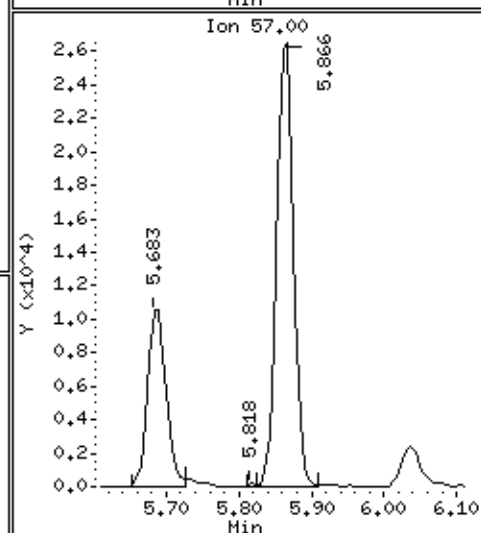
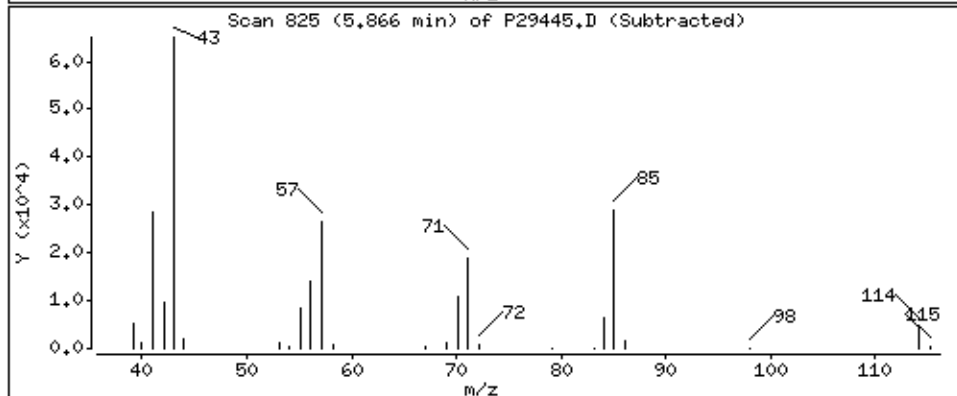
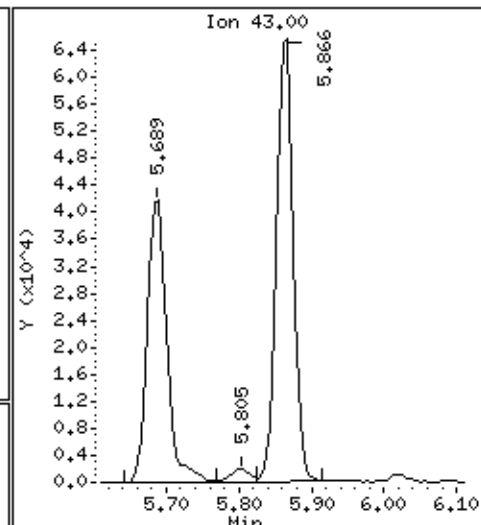
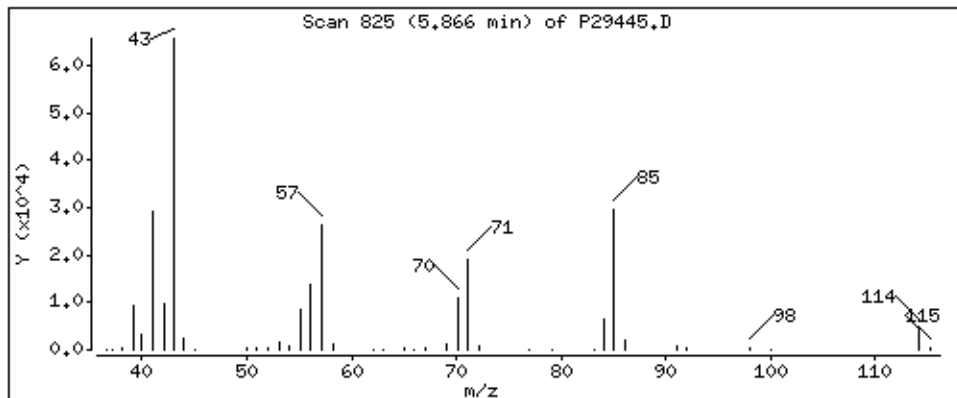
Review Code:



73 n-Octane

Concentration: 50,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

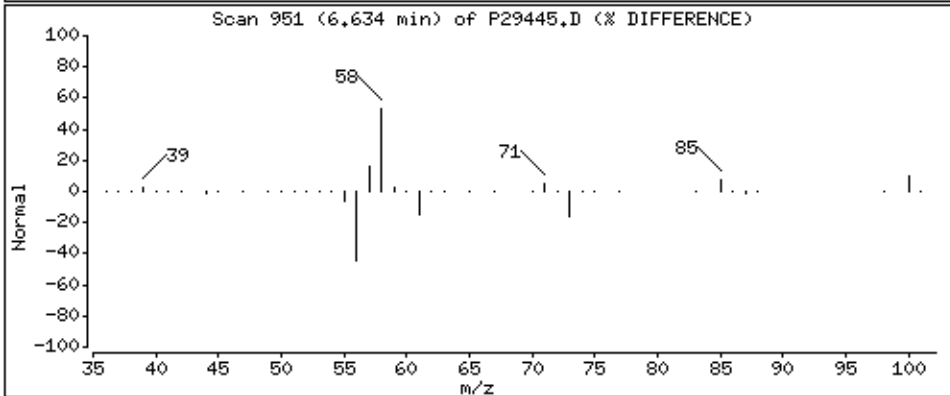
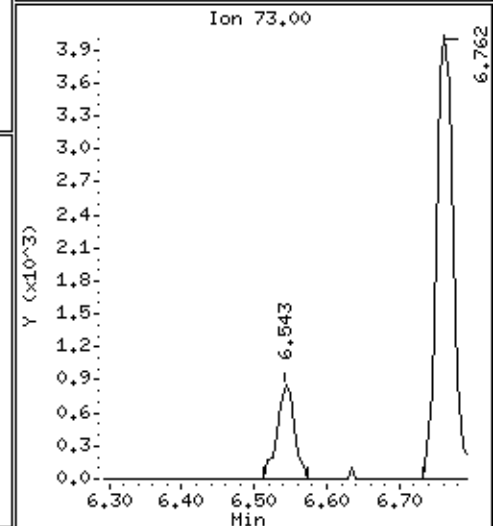
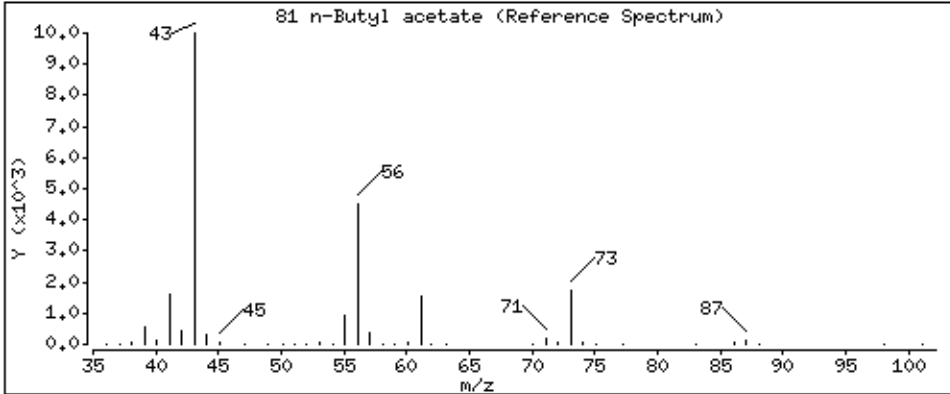
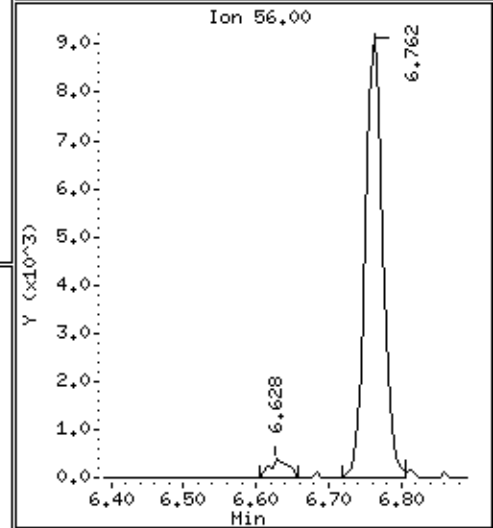
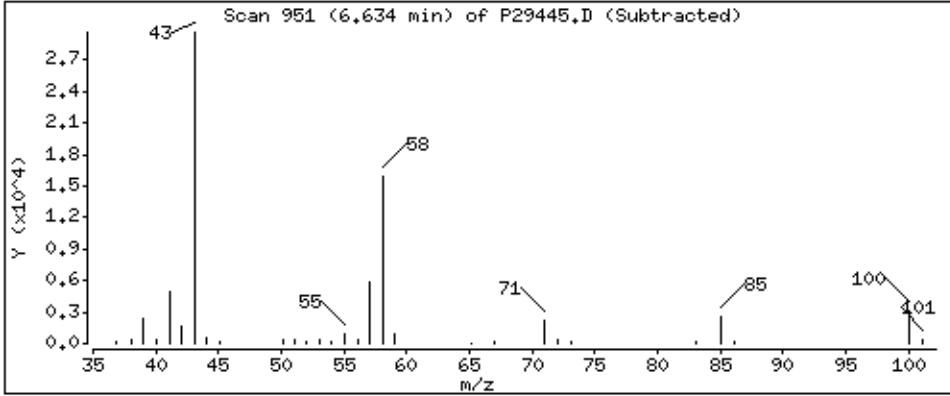
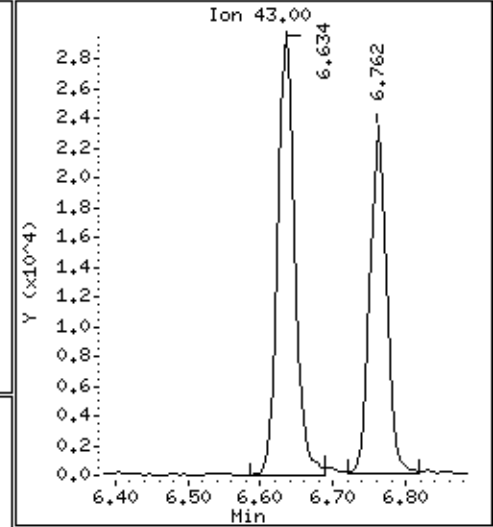
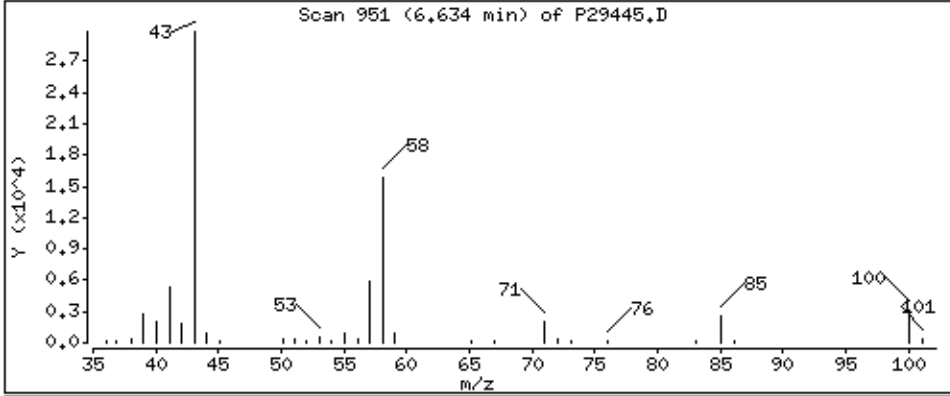
Column phase: RTX-624

Column diameter: 0,18

81 n-Butyl acetate

Concentration: 27,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

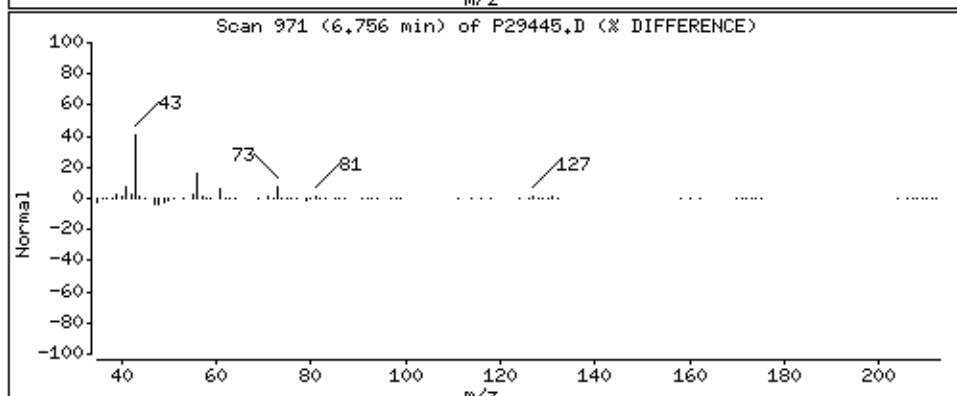
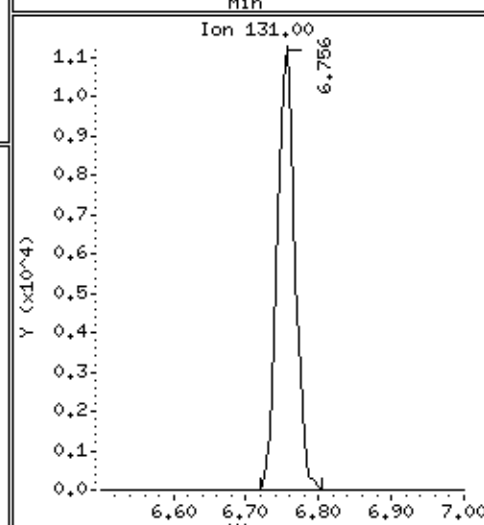
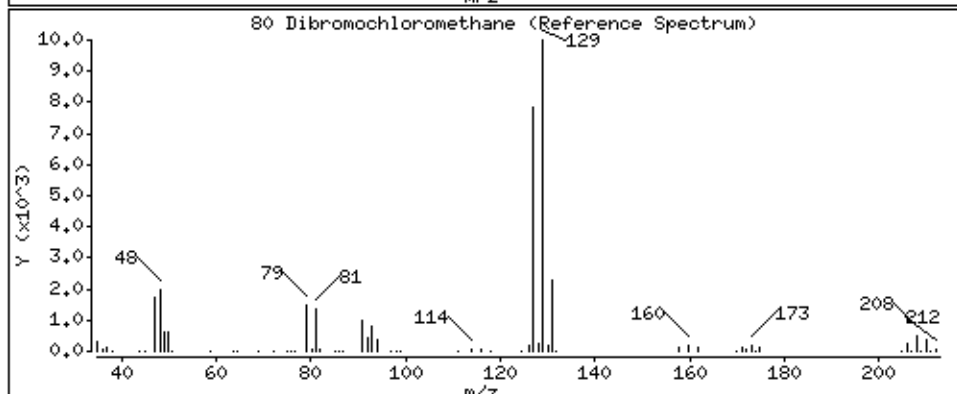
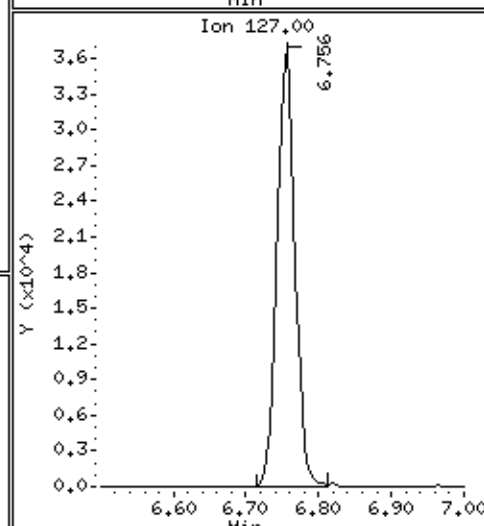
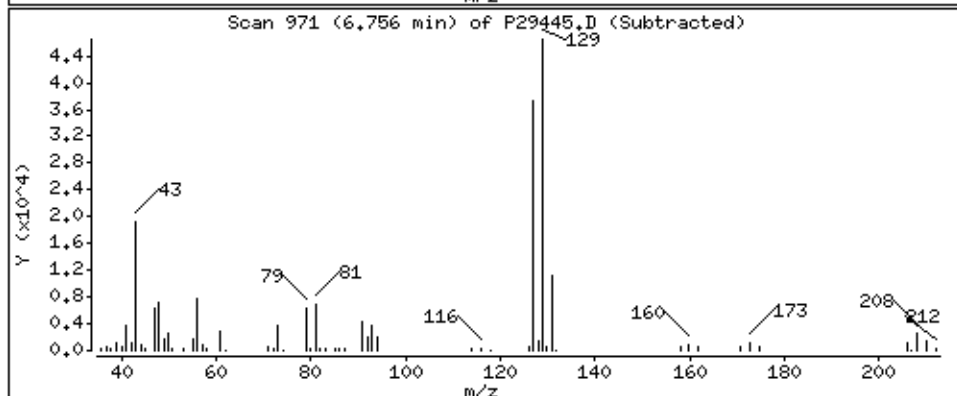
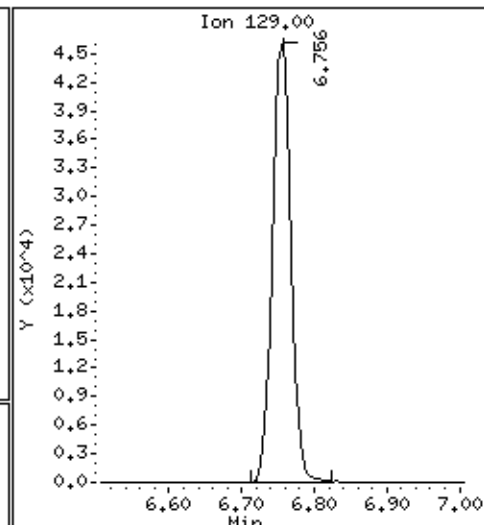
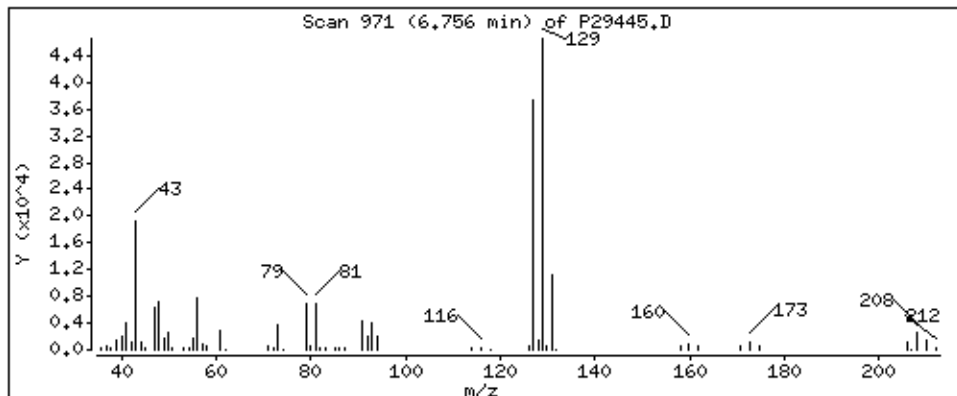
Column phase: RTX-624

Column diameter: 0,18

80 Dibromochloromethane

Concentration: 52,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

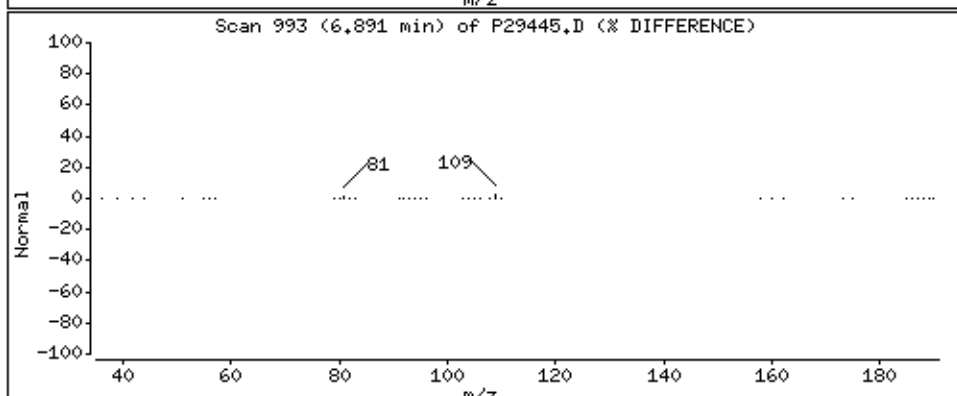
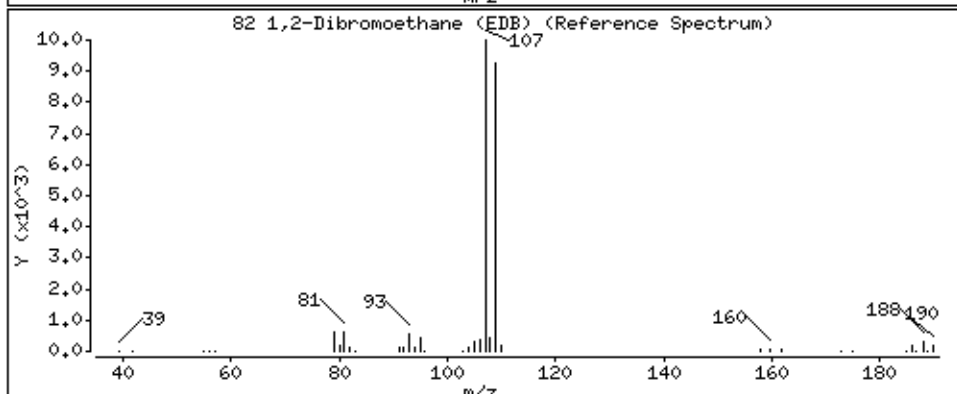
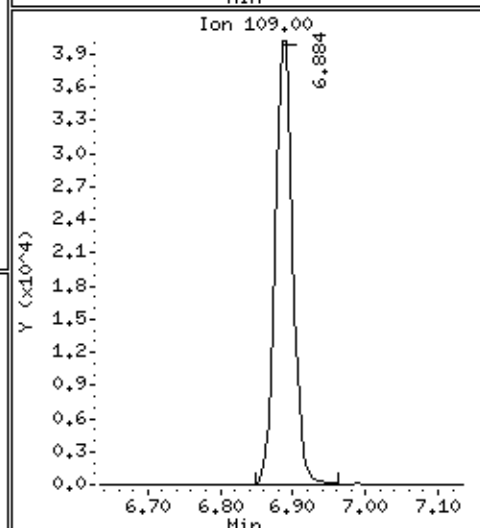
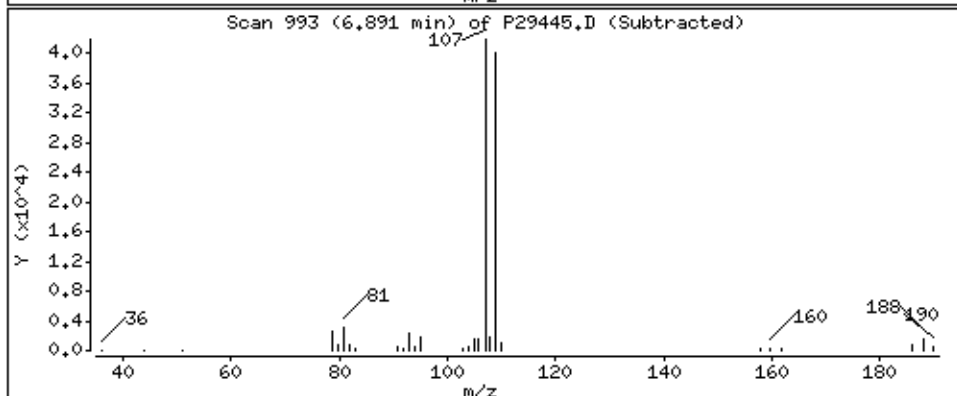
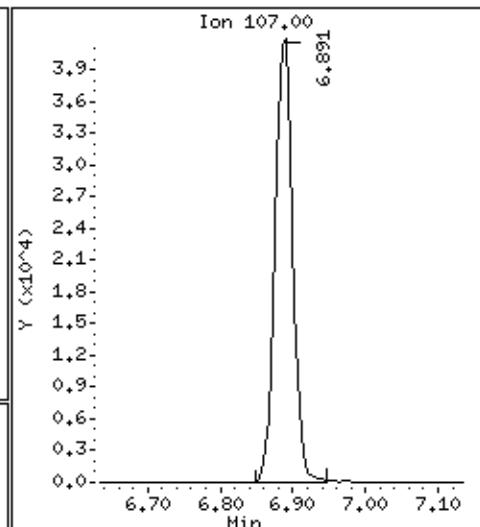
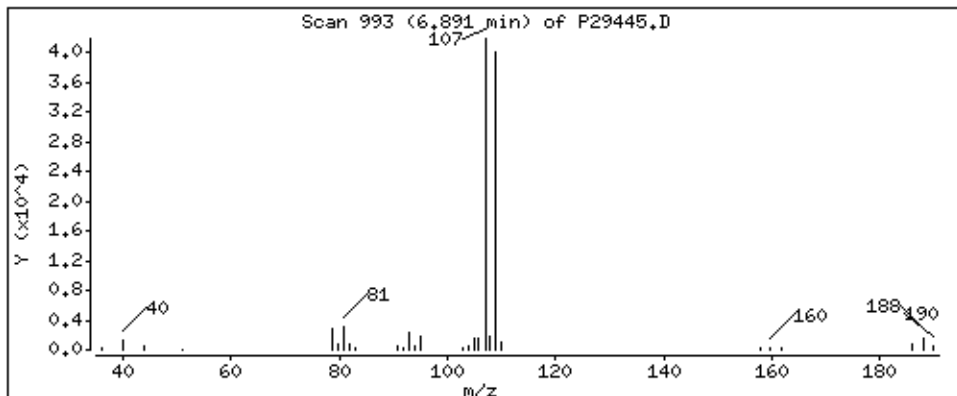
Column phase: RTX-624

Column diameter: 0,18

82 1,2-Dibromoethane (EDB)

Concentration: 50,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

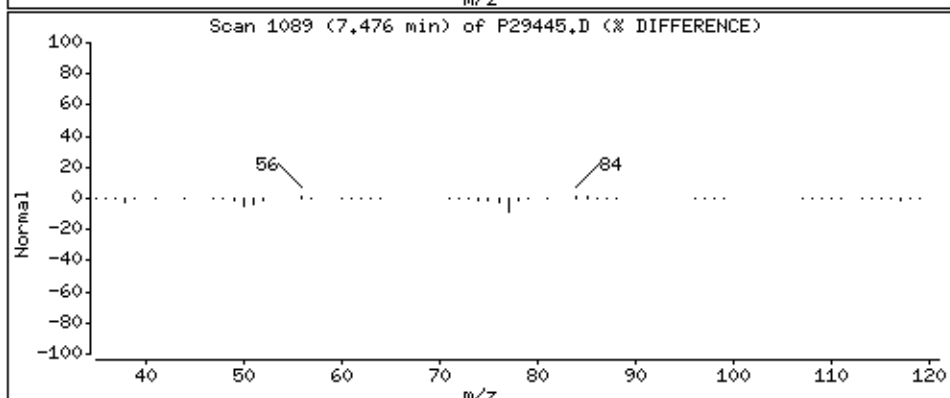
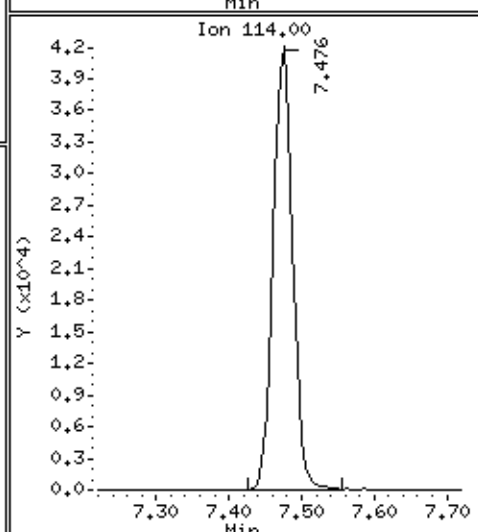
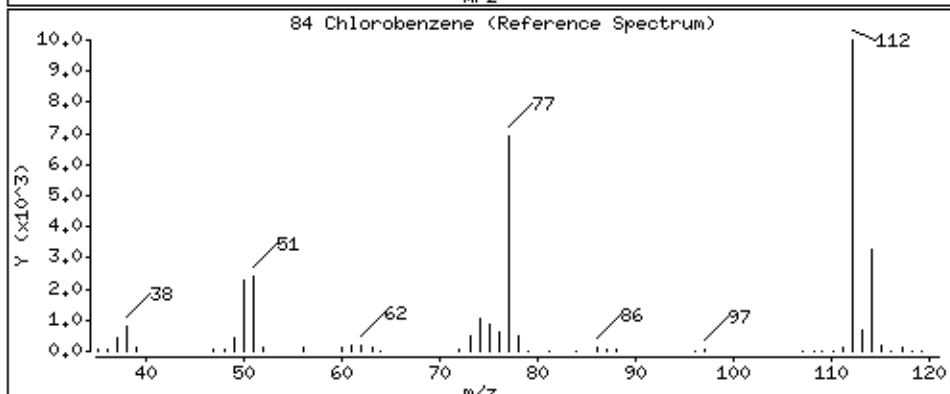
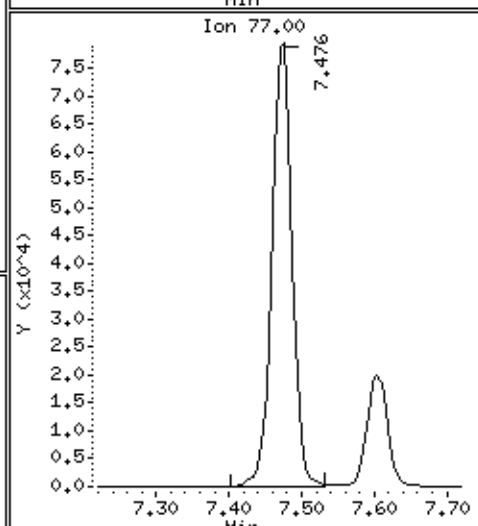
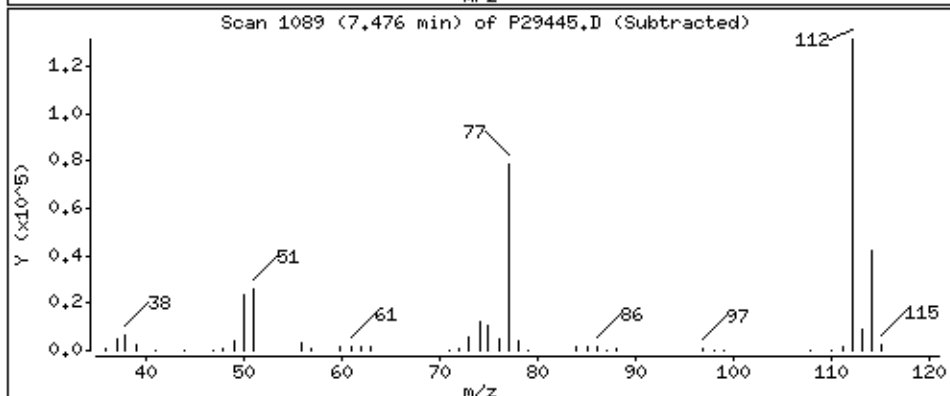
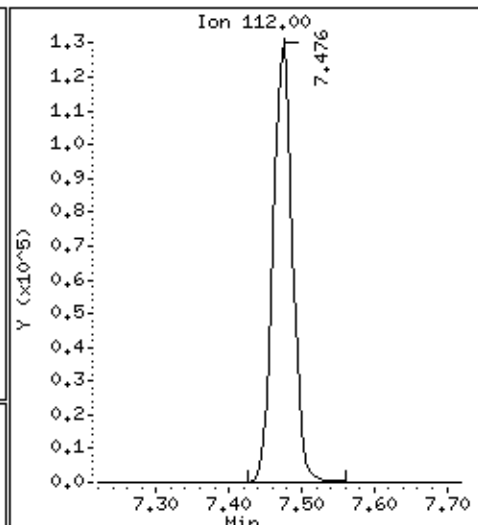
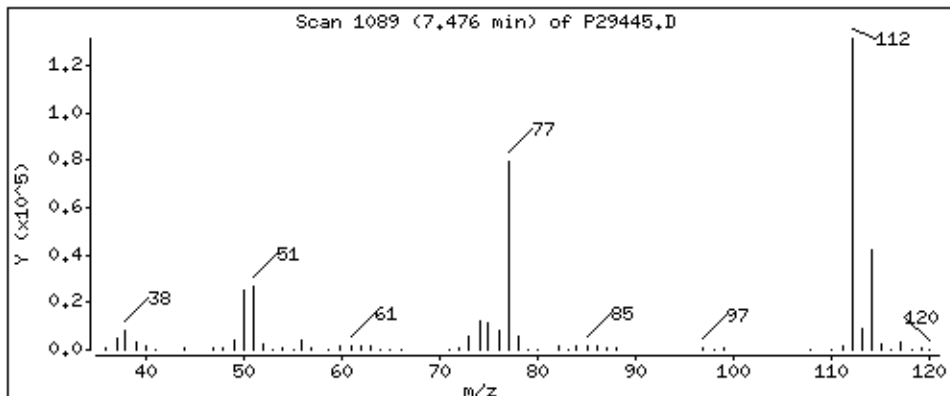
Column phase: RTX-624

Column diameter: 0,18

84 Chlorobenzene

Concentration: 50,1 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

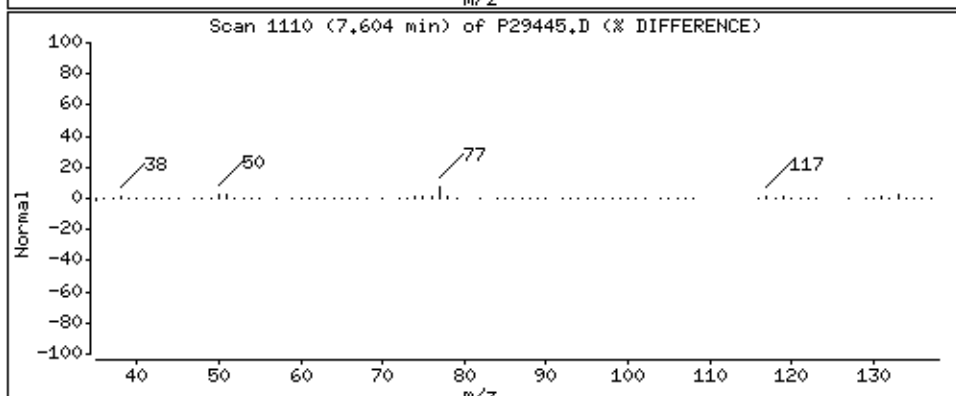
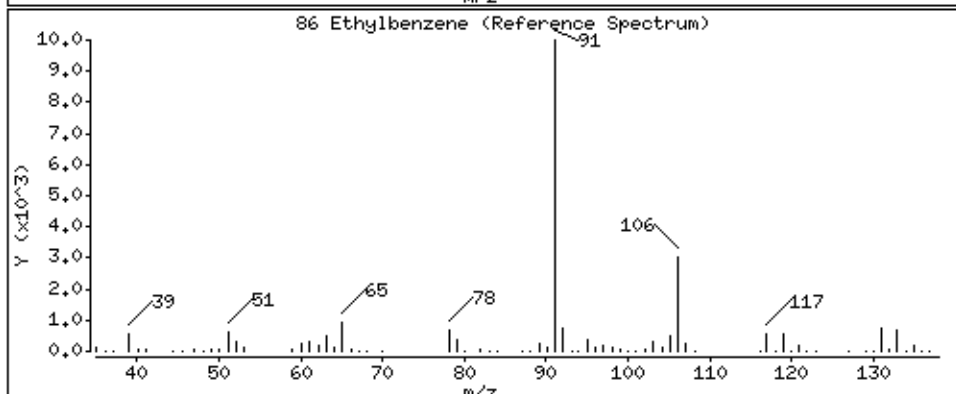
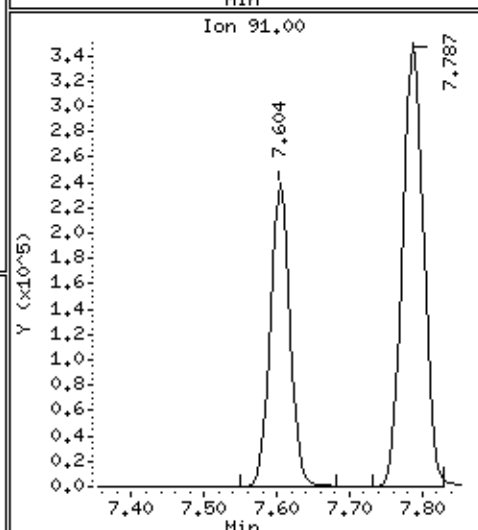
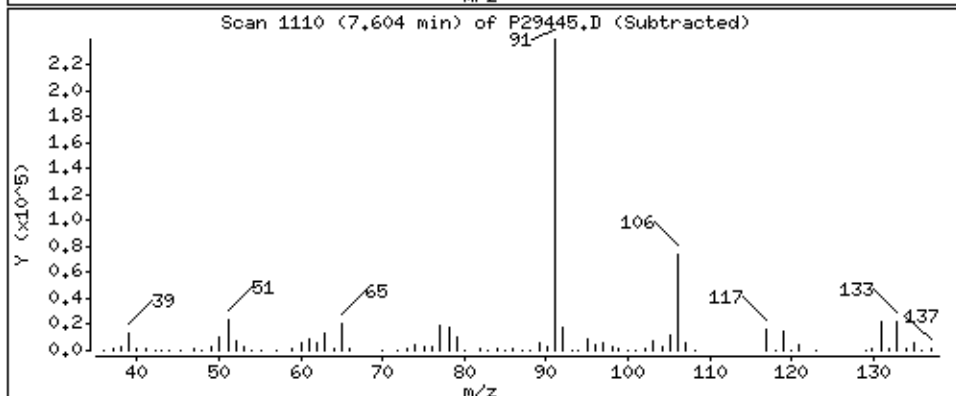
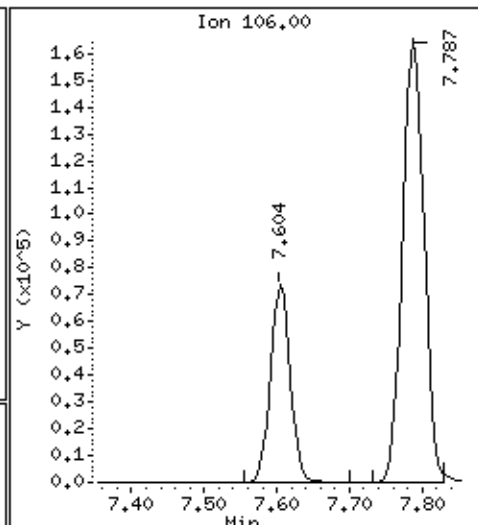
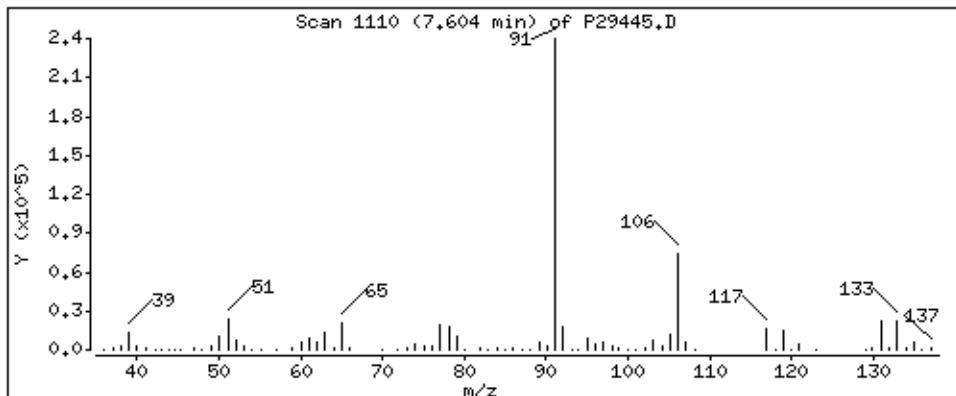
Column phase: RTX-624

Column diameter: 0,18

86 Ethylbenzene

Concentration: 48,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

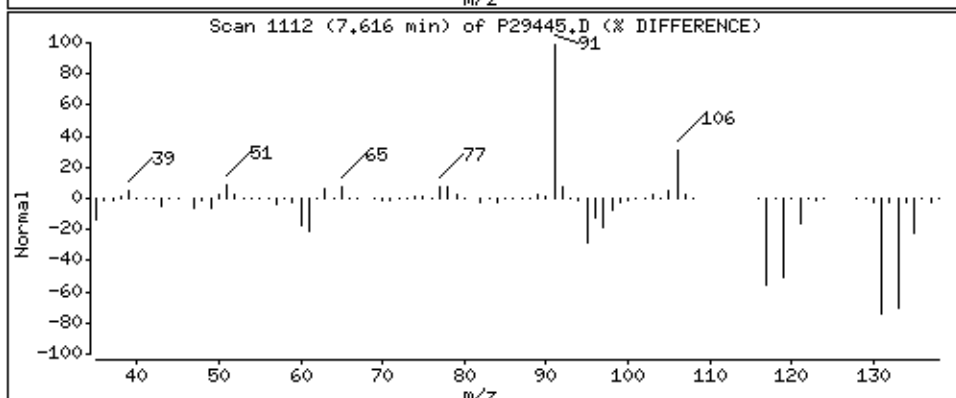
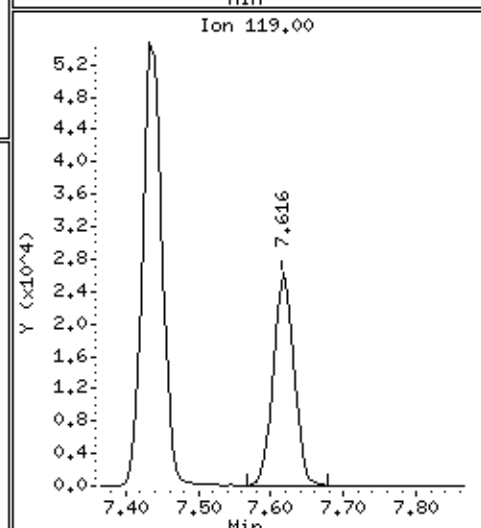
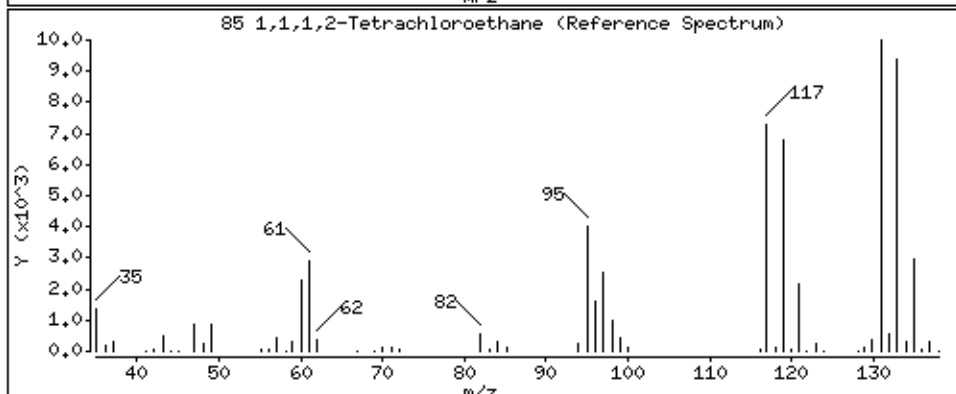
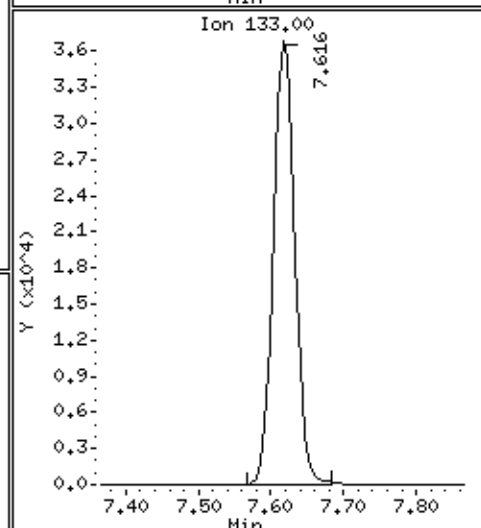
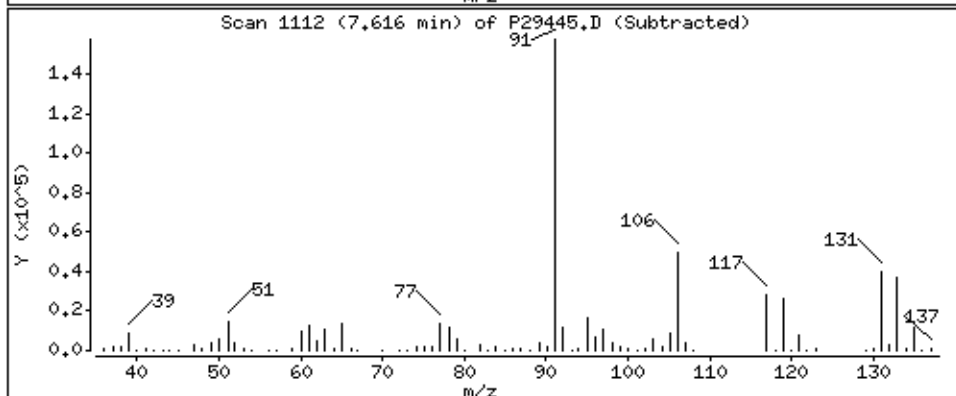
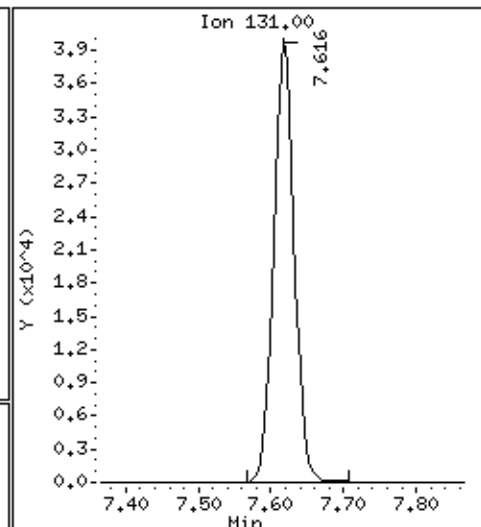
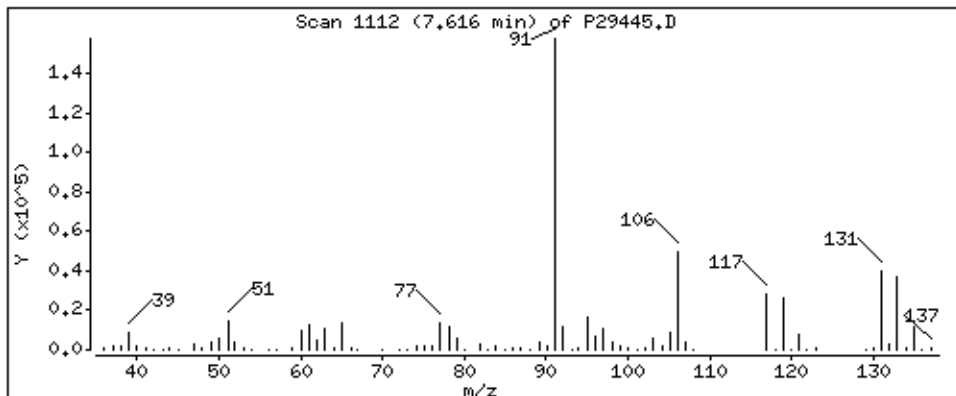
Column phase: RTX-624

Column diameter: 0,18

85 1,1,1,2-Tetrachloroethane

Concentration: 48,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

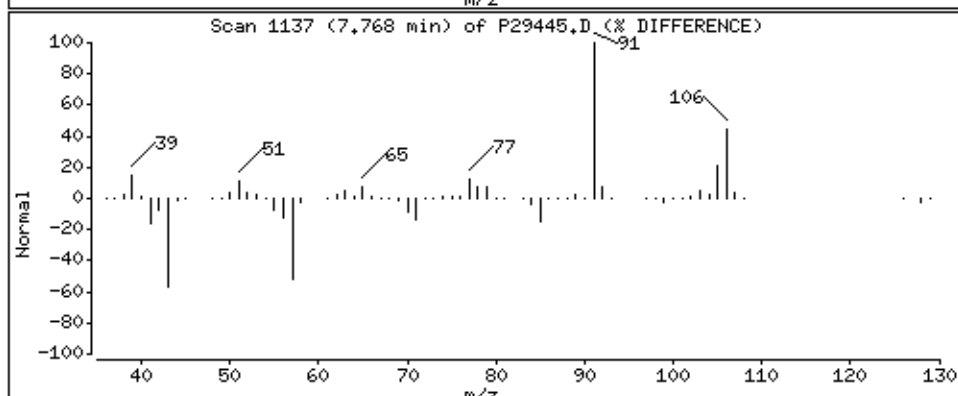
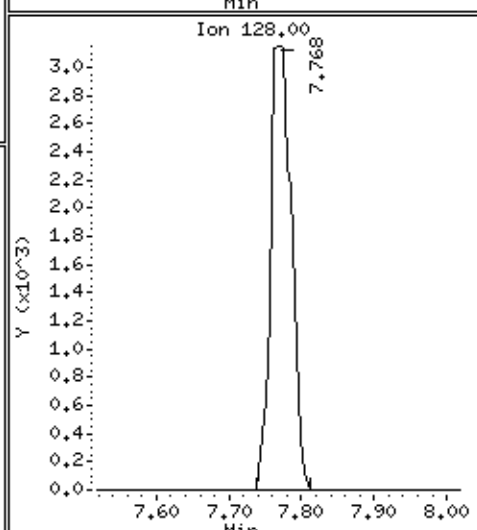
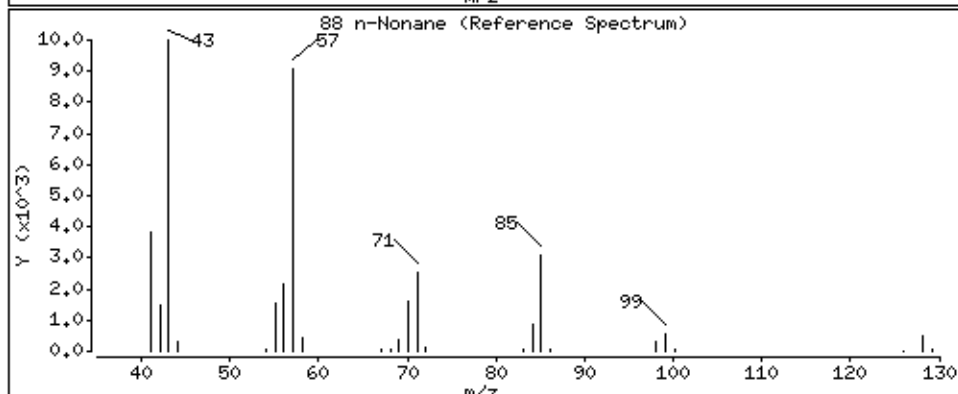
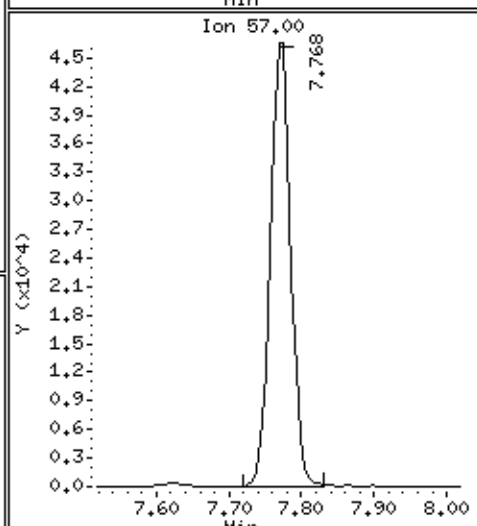
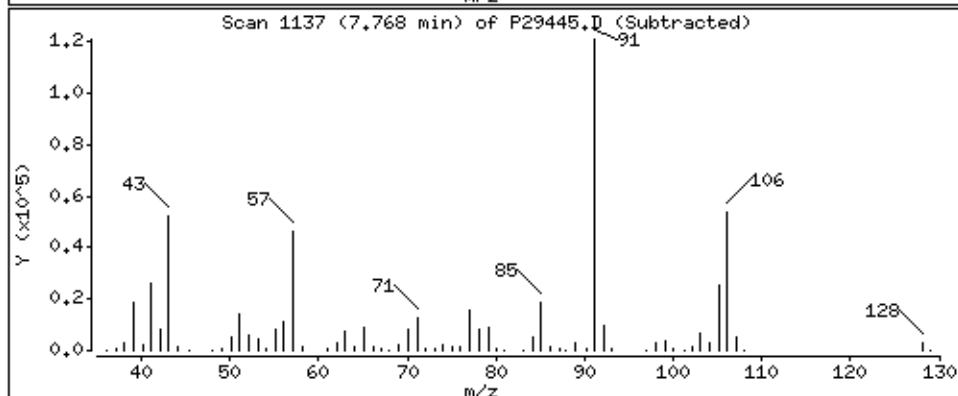
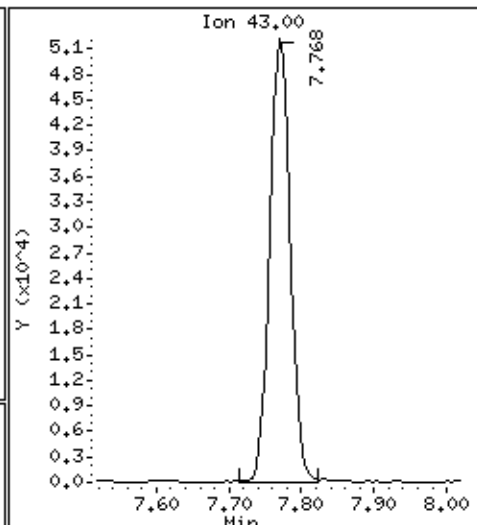
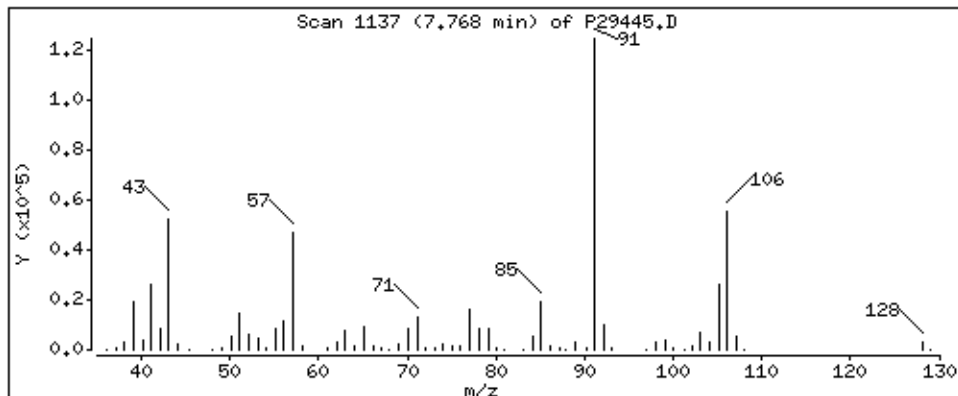
Column phase: RTX-624

Column diameter: 0.18

88 n-Nonane

Concentration: 67.8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

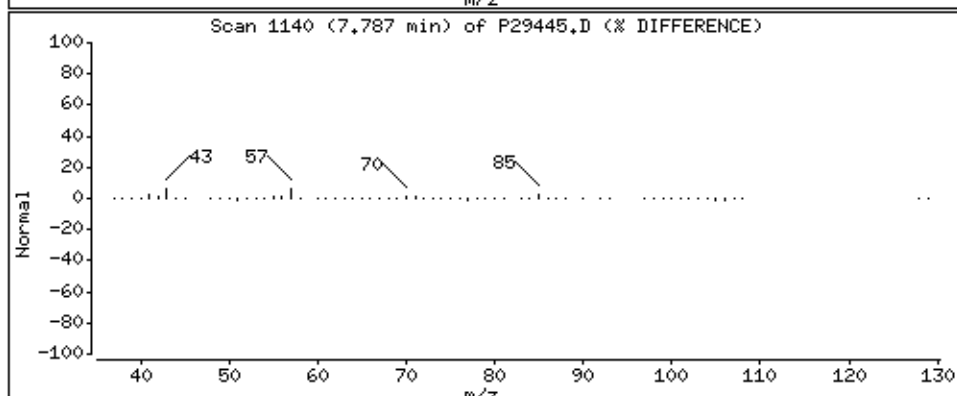
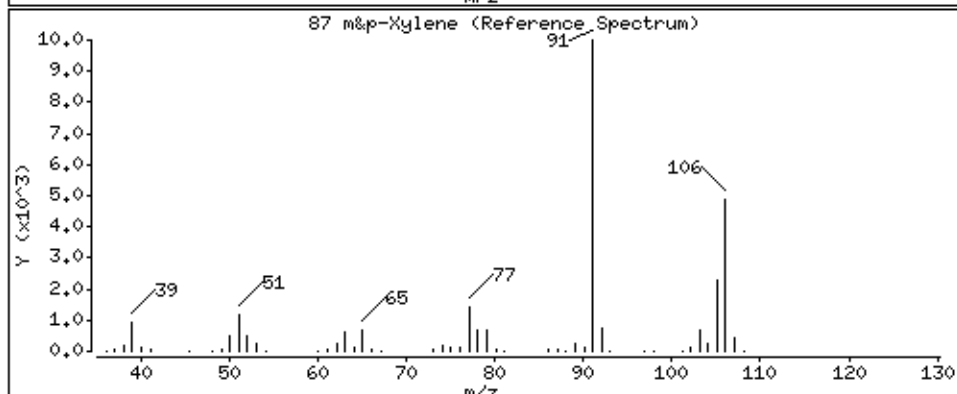
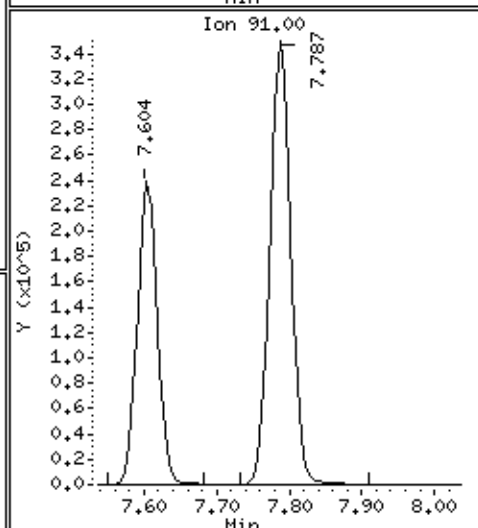
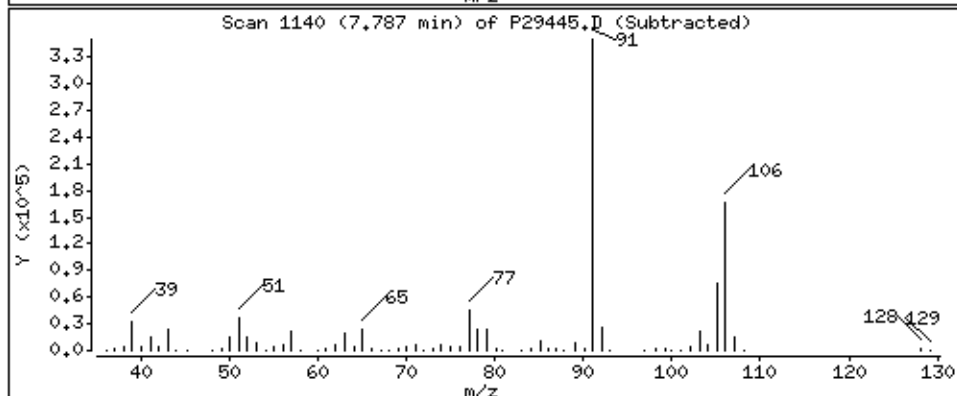
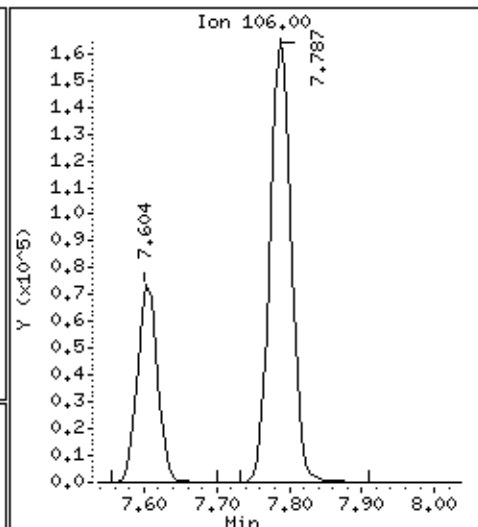
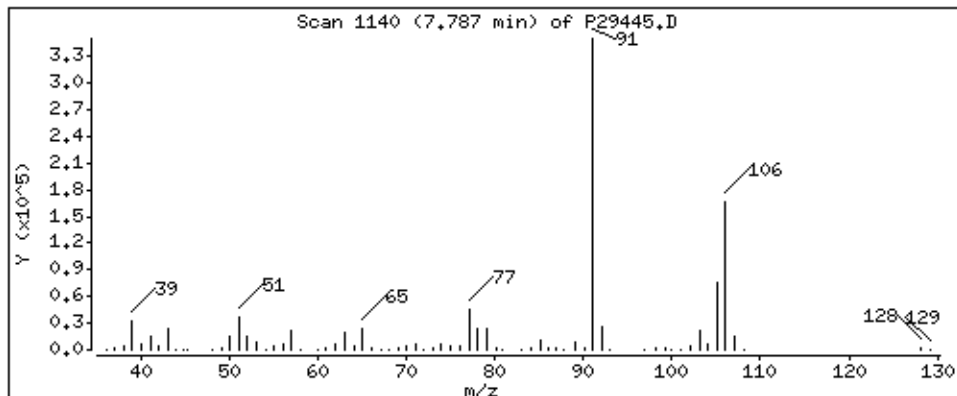
Column phase: RTX-624

Column diameter: 0,18

87 m&p-Xylene

Concentration: 96,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

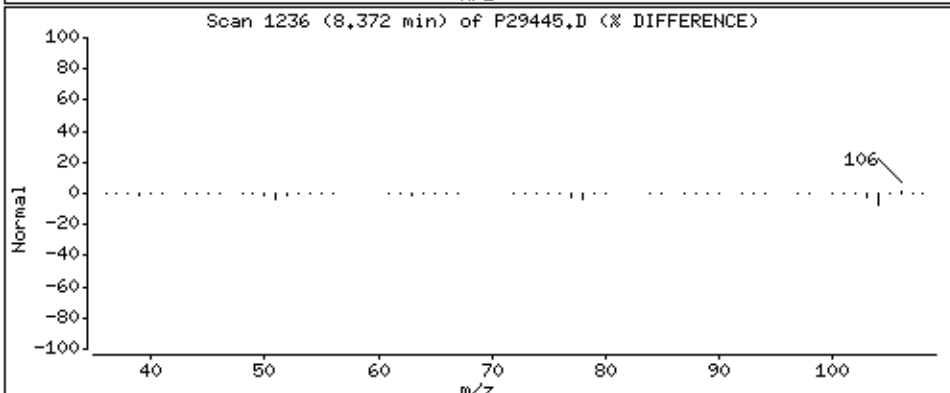
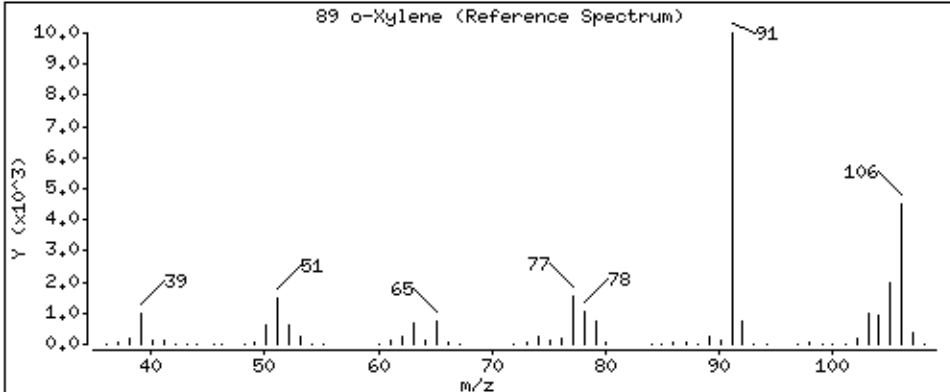
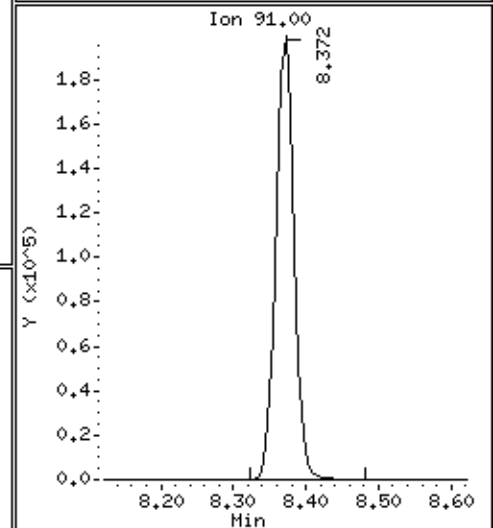
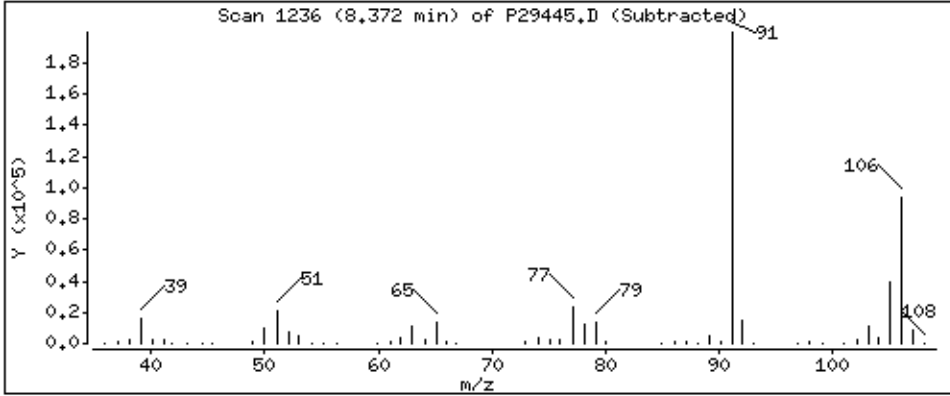
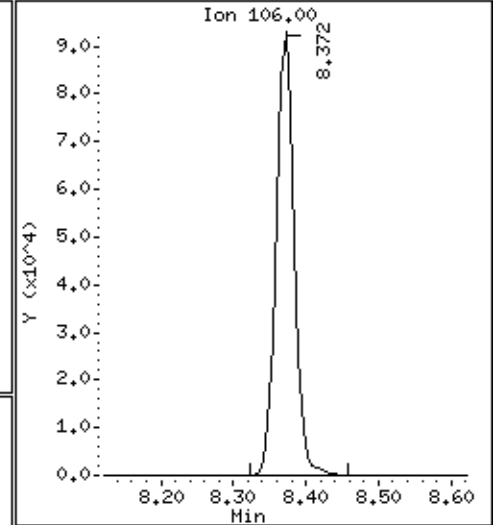
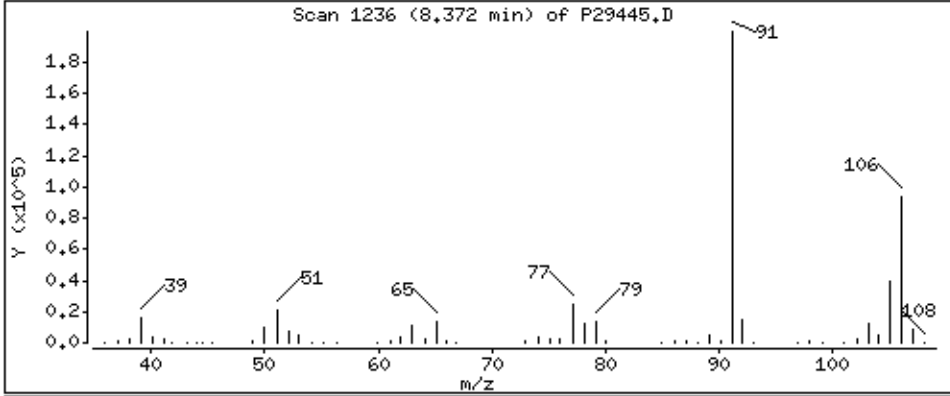
Column phase: RTX-624

Column diameter: 0.18

89 o-Xylene

Concentration: 47.7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

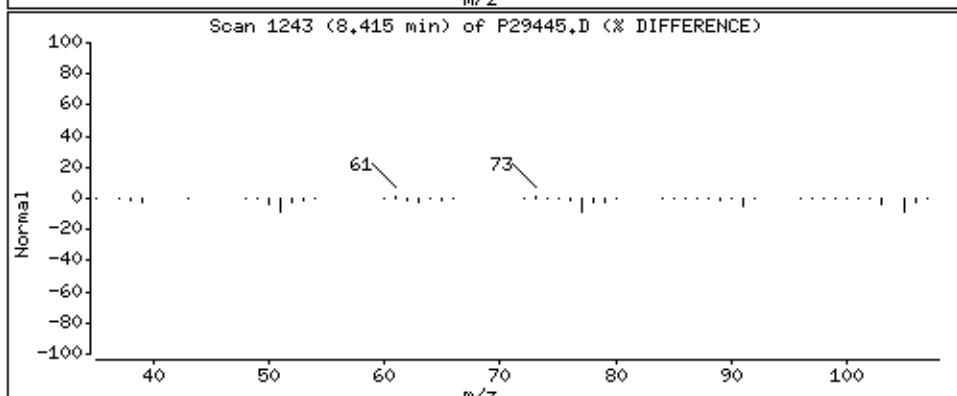
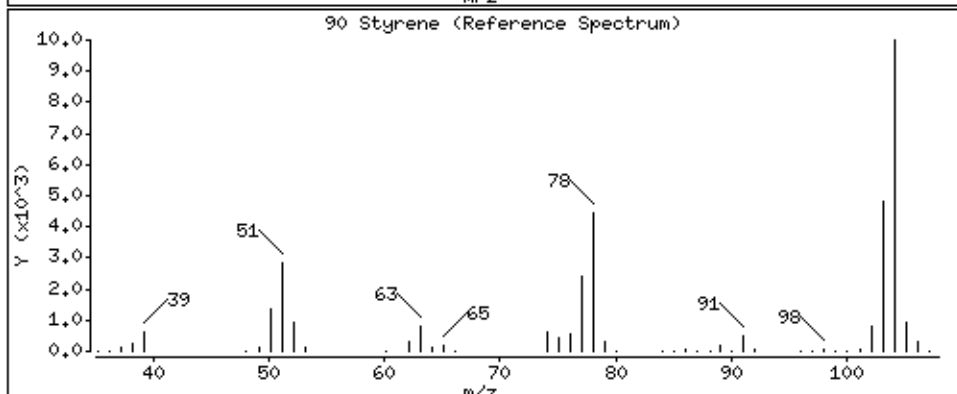
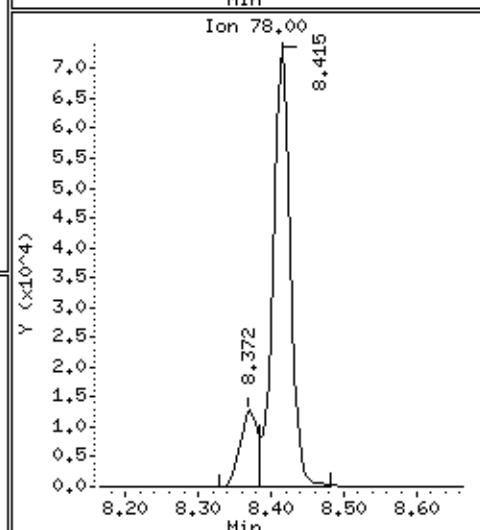
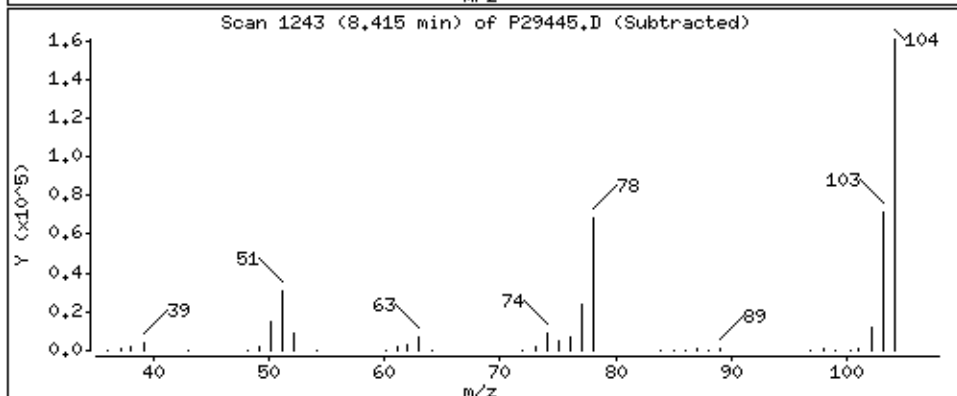
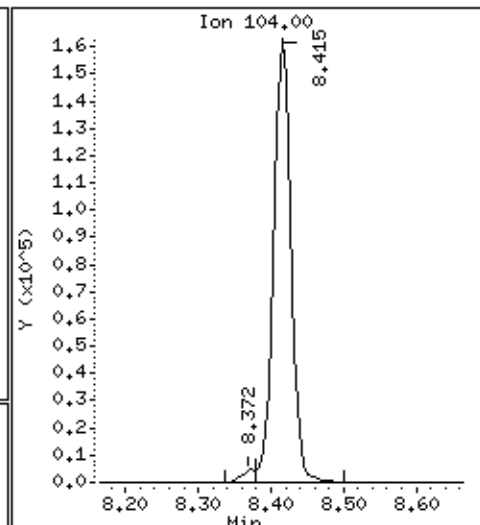
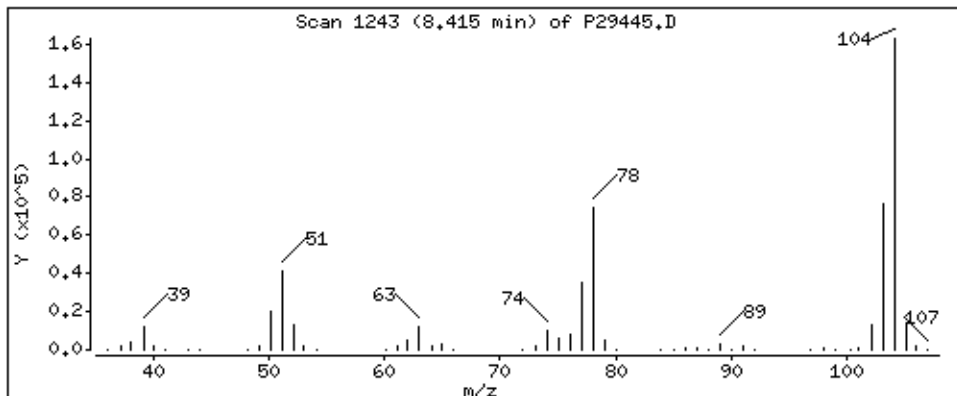
Column phase: RTX-624

Column diameter: 0,18

90 Styrene

Concentration: 48,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

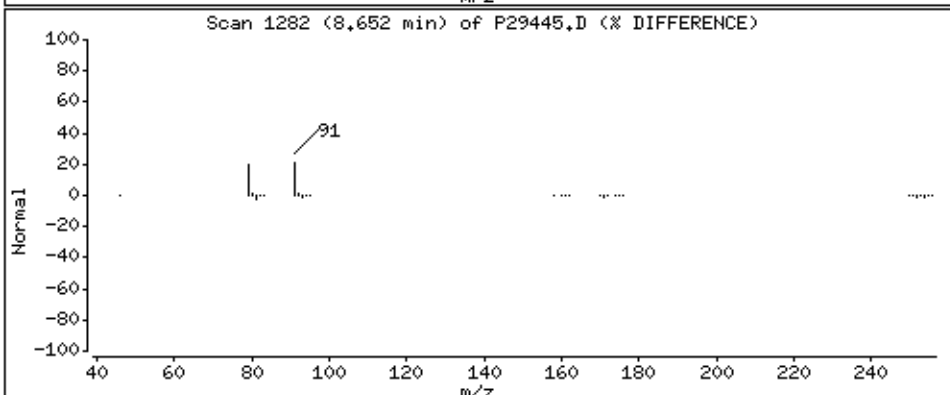
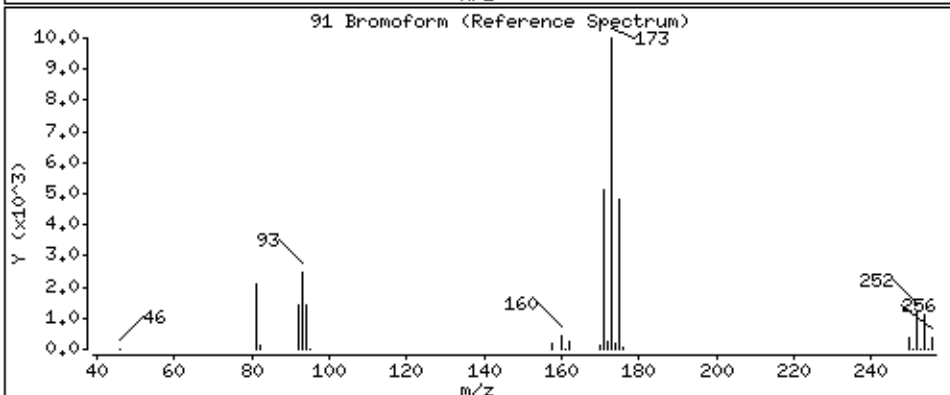
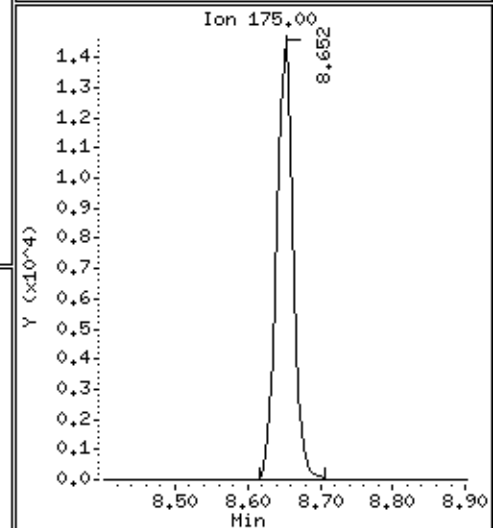
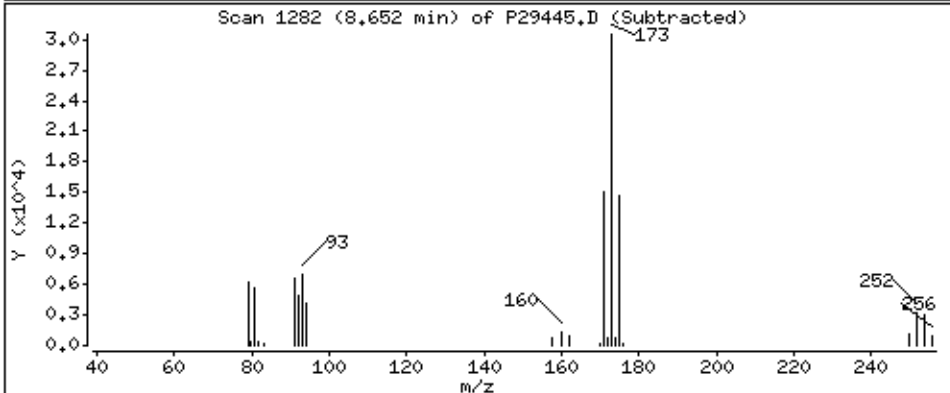
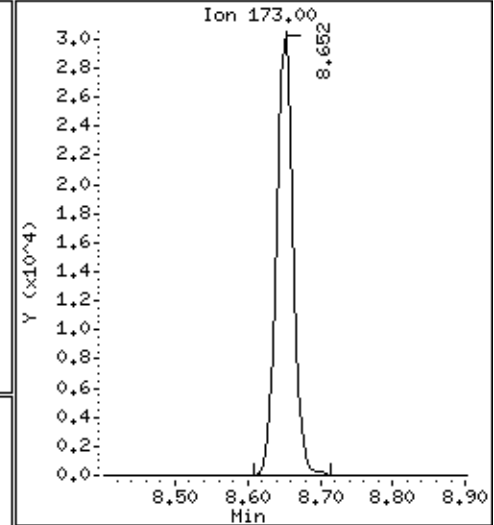
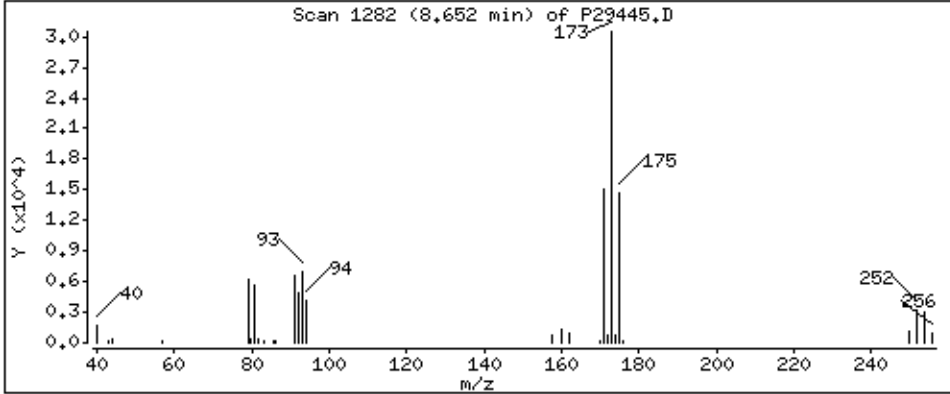
Column phase: RTX-624

Column diameter: 0,18

91 Bromoform

Concentration: 59,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

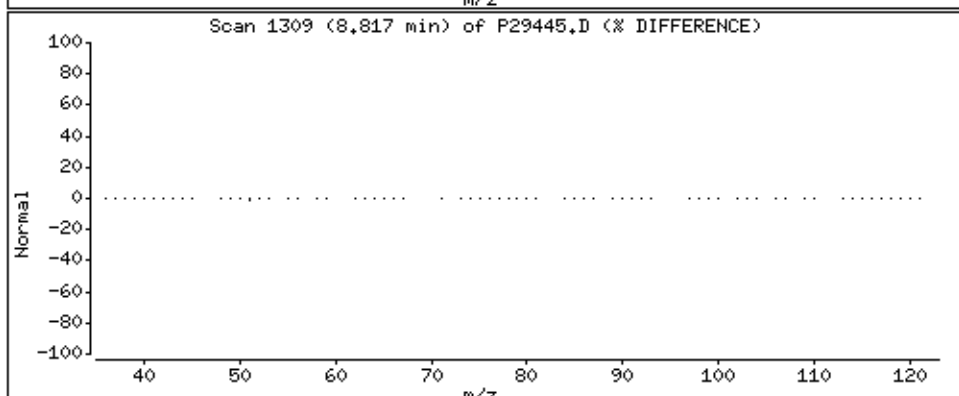
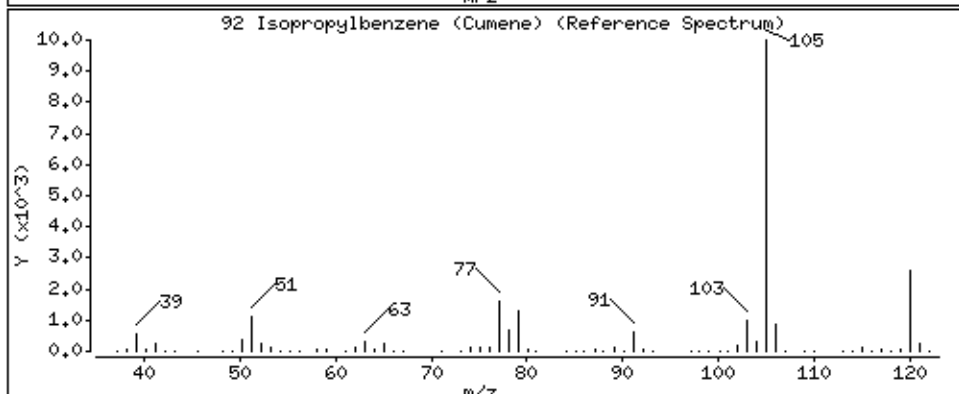
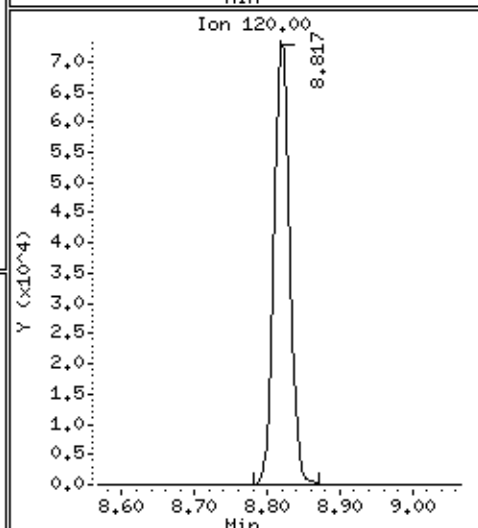
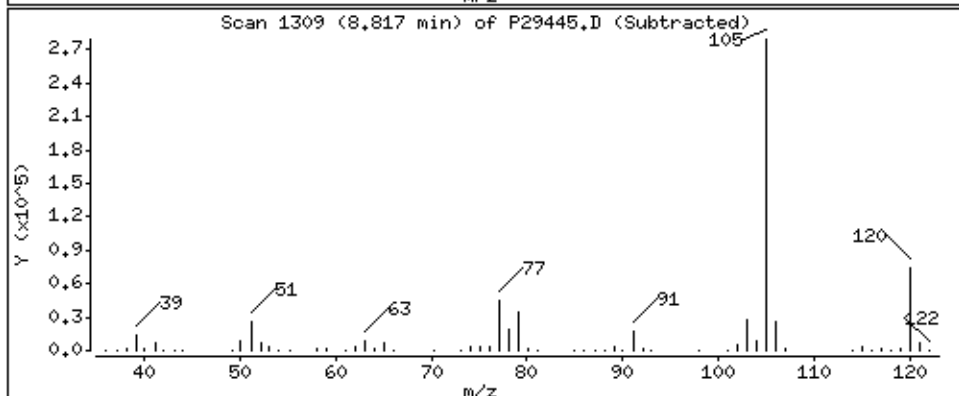
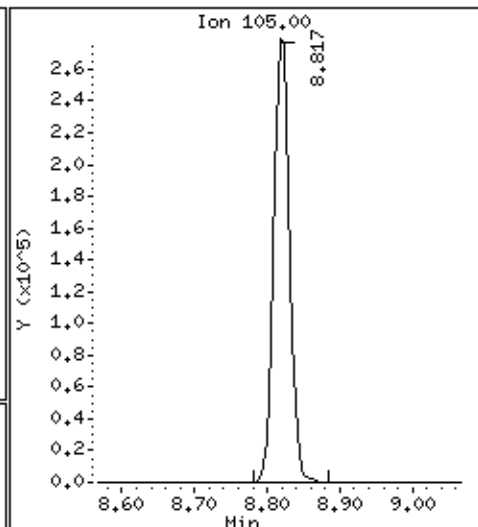
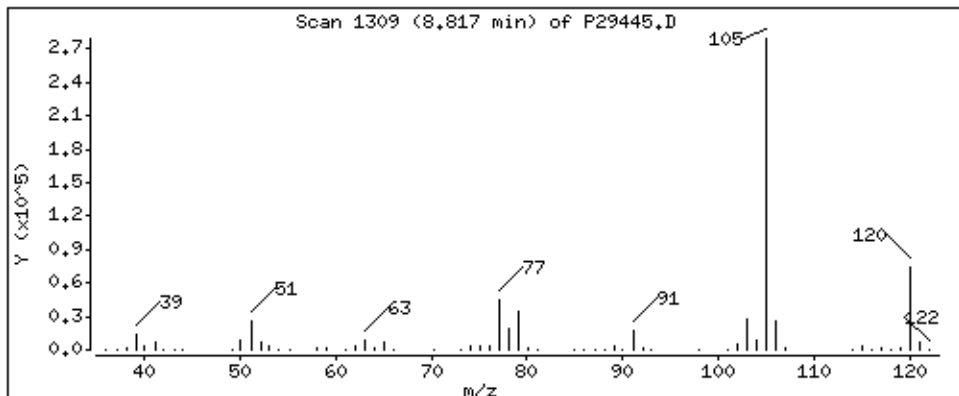
Column phase: RTX-624

Column diameter: 0,18

92 Isopropylbenzene (Cumene)

Concentration: 44,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

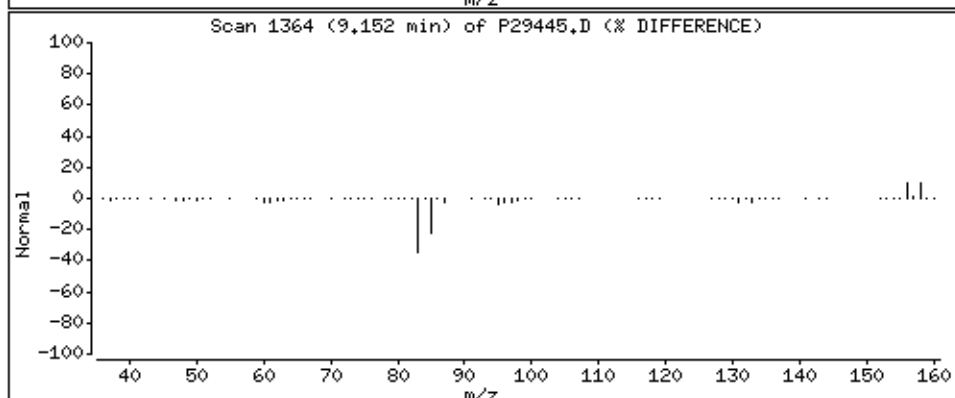
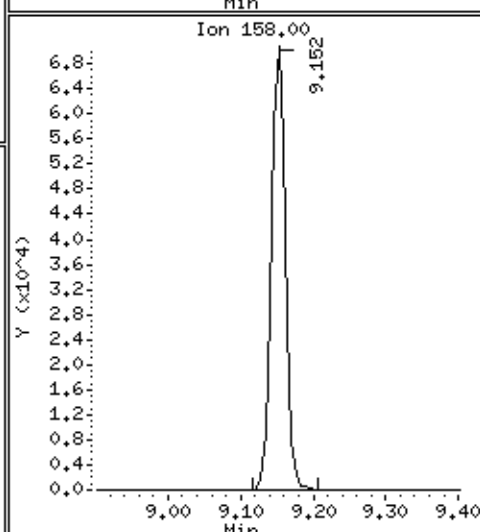
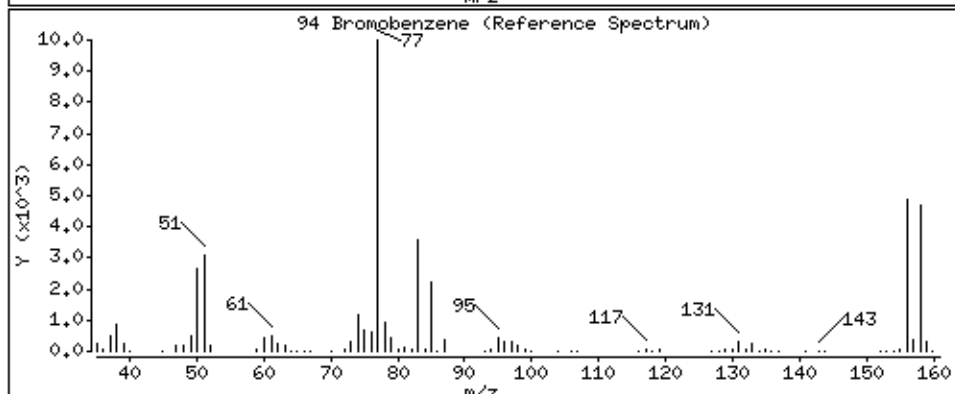
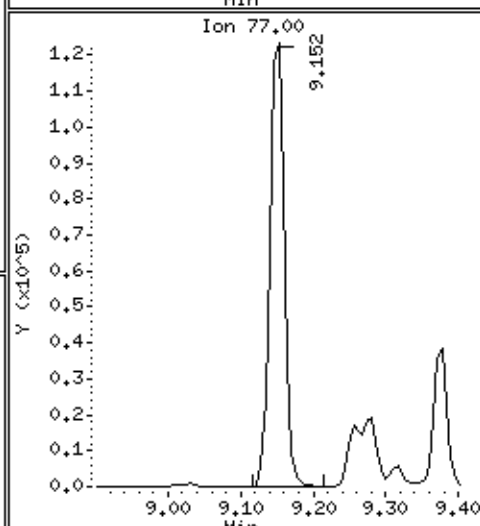
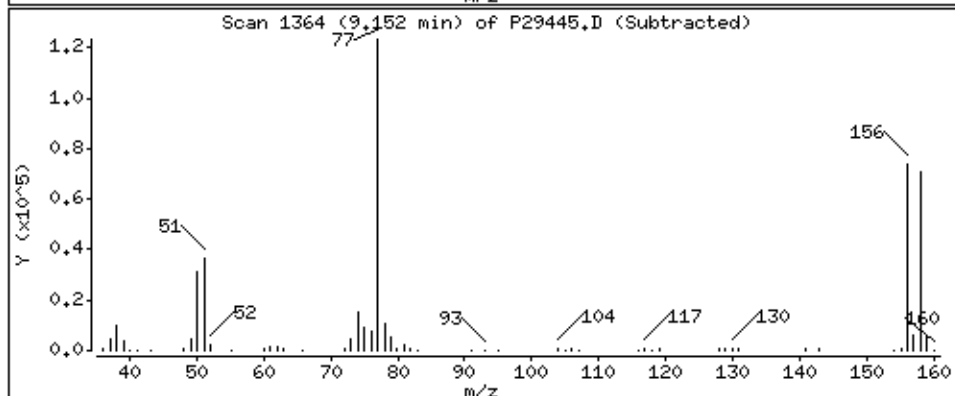
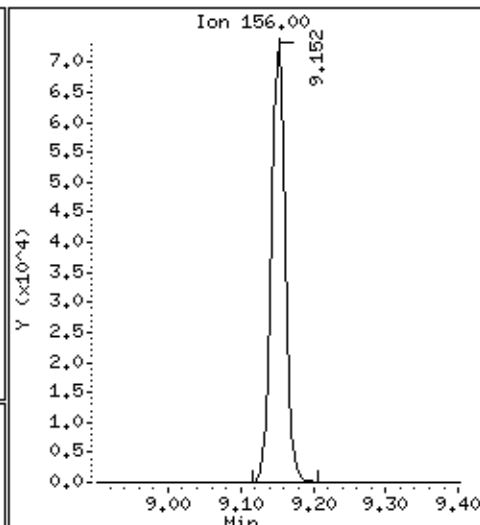
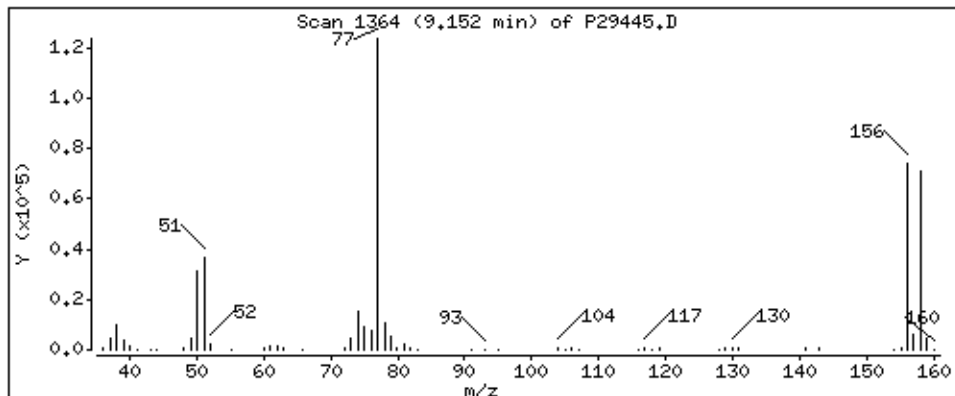
Column phase: RTX-624

Column diameter: 0,18

94 Bromobenzene

Concentration: 47,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

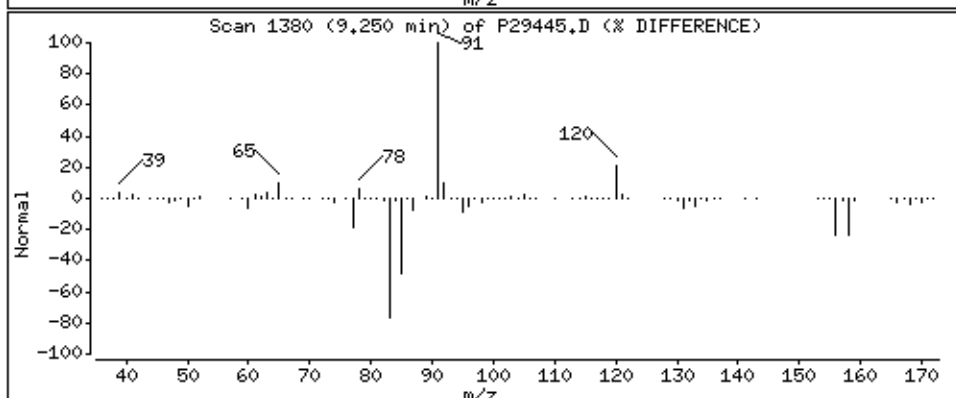
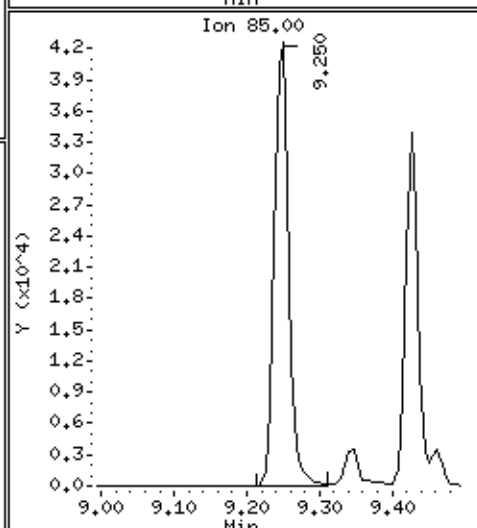
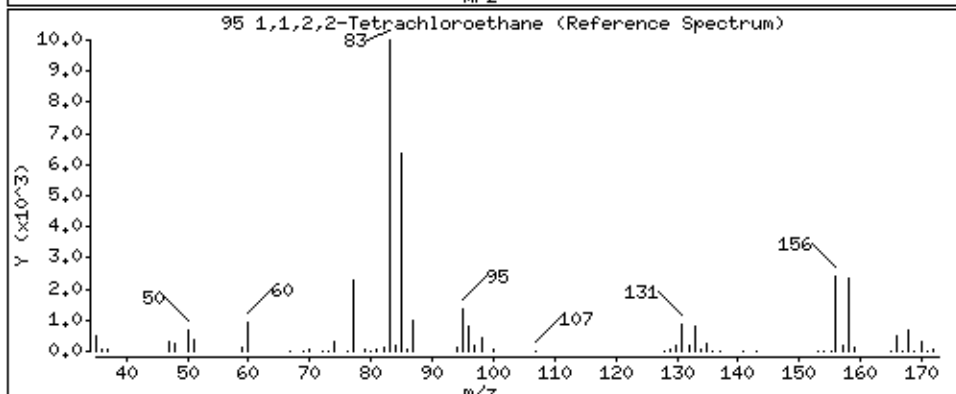
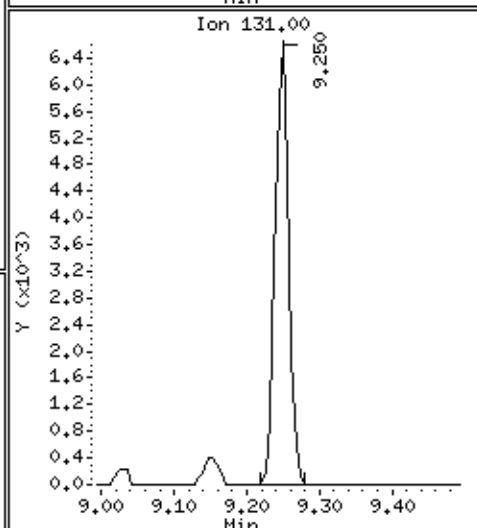
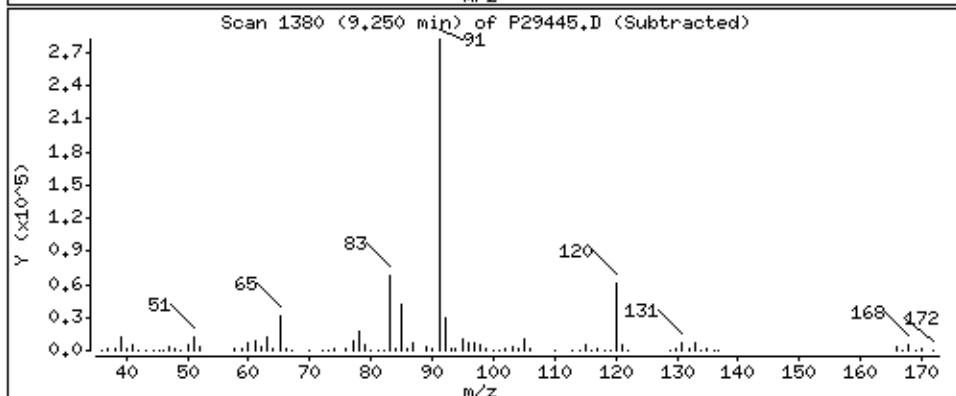
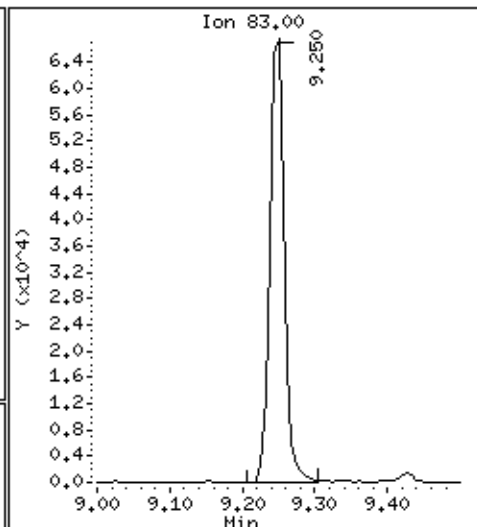
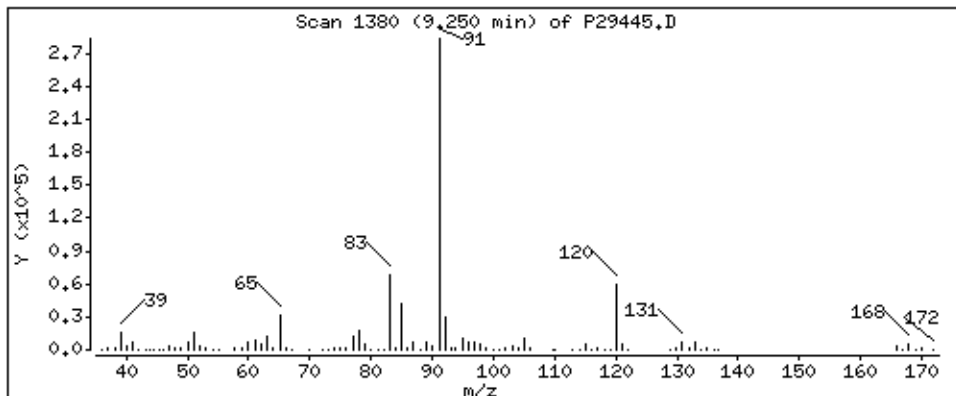
Column phase: RTX-624

Column diameter: 0,18

95 1,1,2,2-Tetrachloroethane

Concentration: 51.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

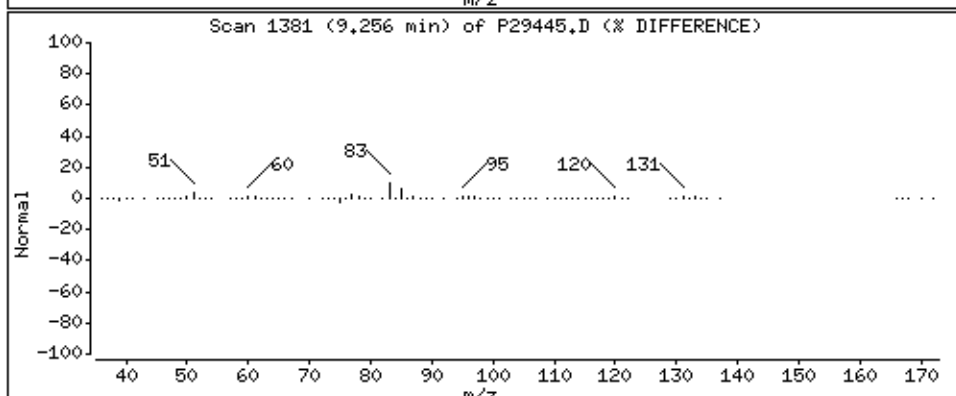
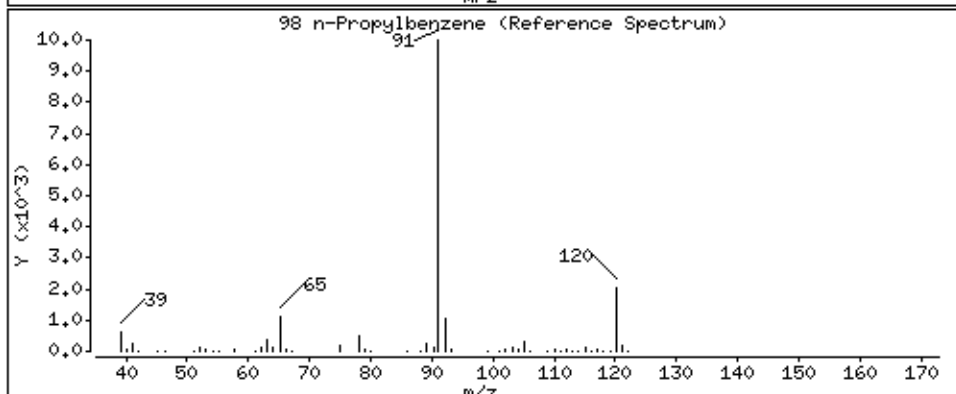
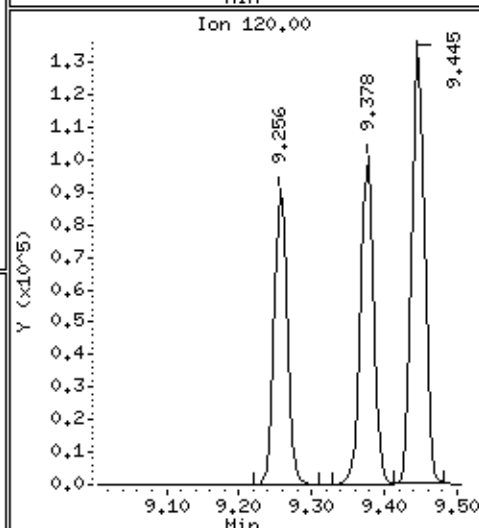
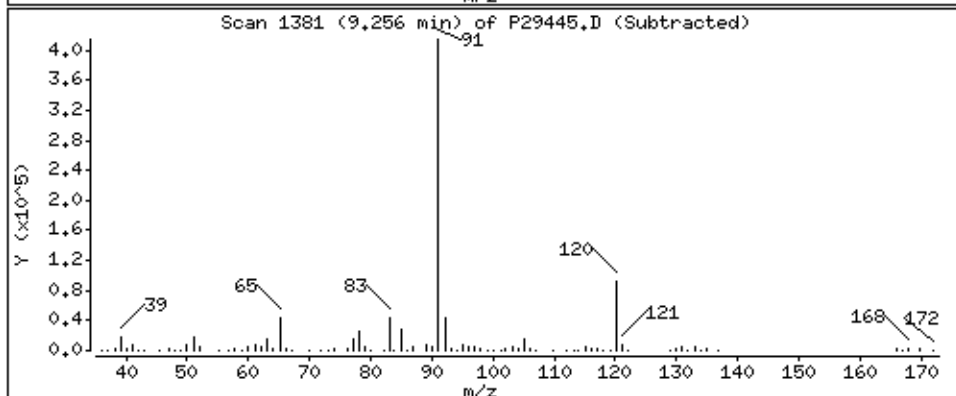
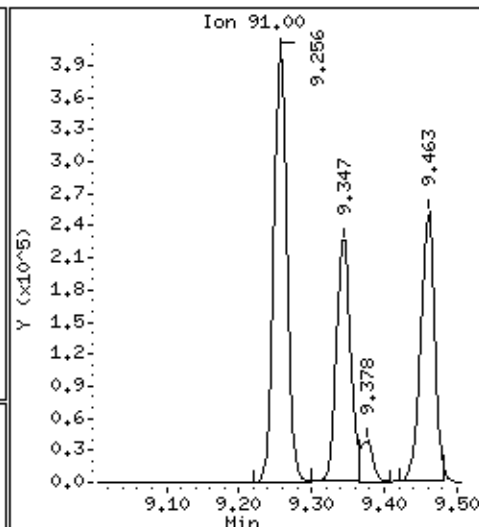
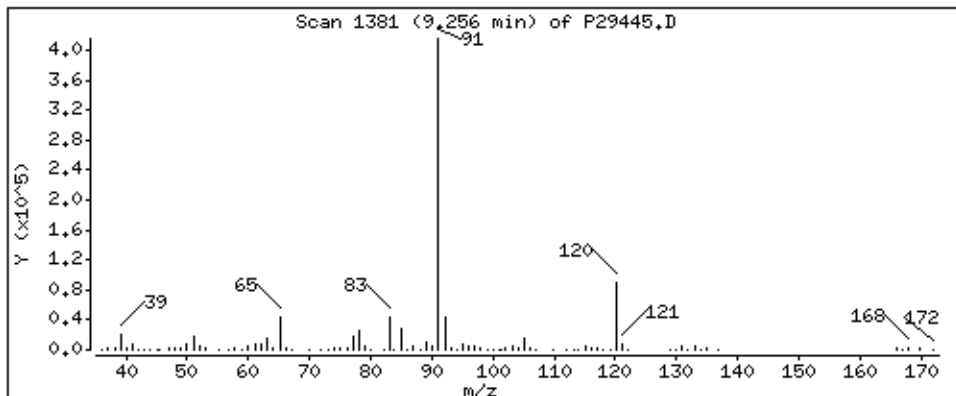
Column phase: RTX-624

Column diameter: 0,18

98 n-Propylbenzene

Concentration: 44,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

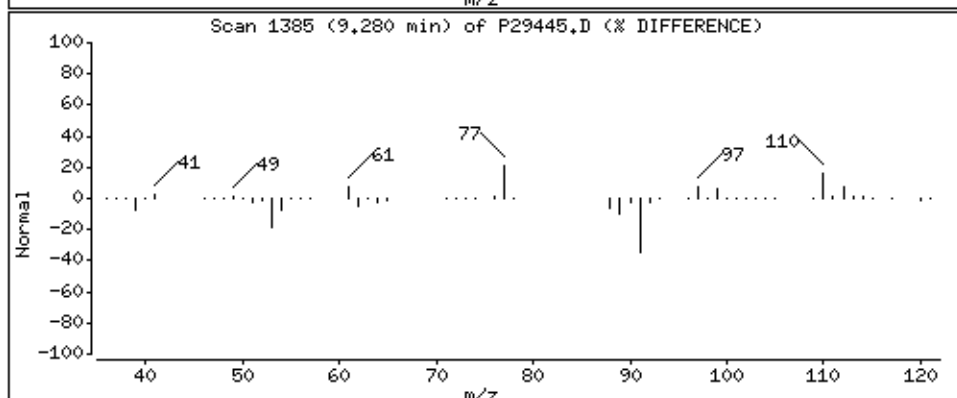
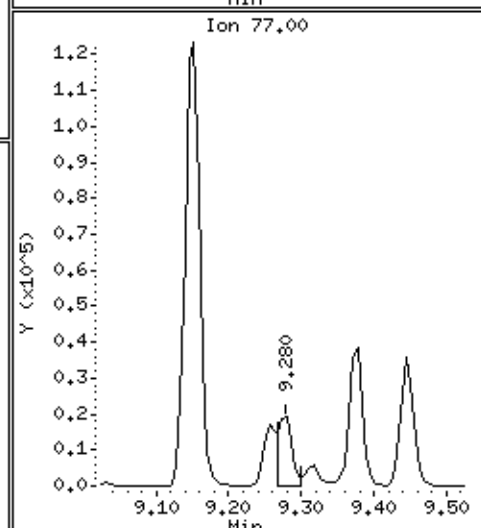
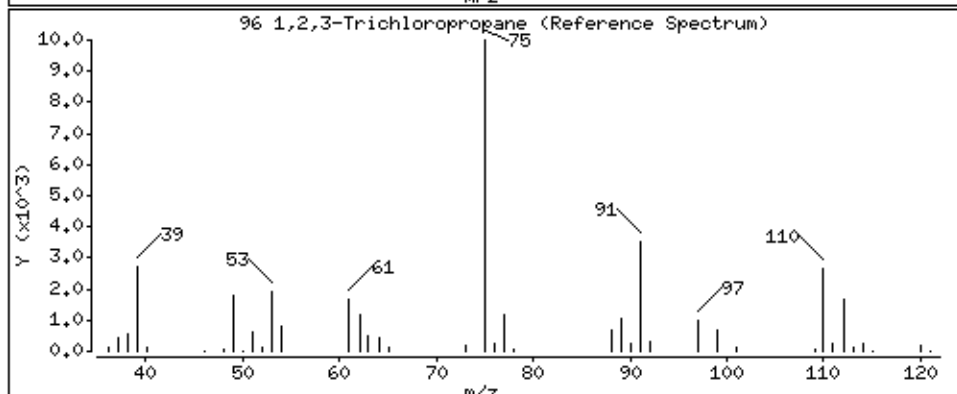
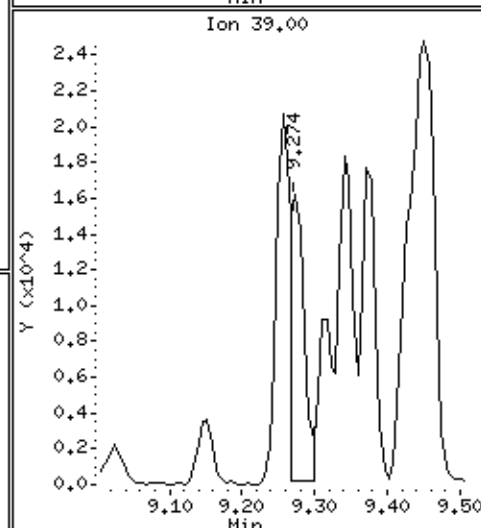
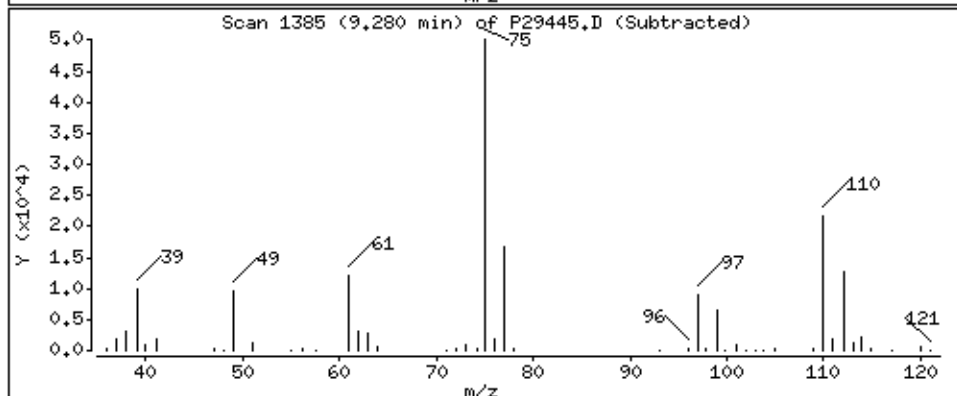
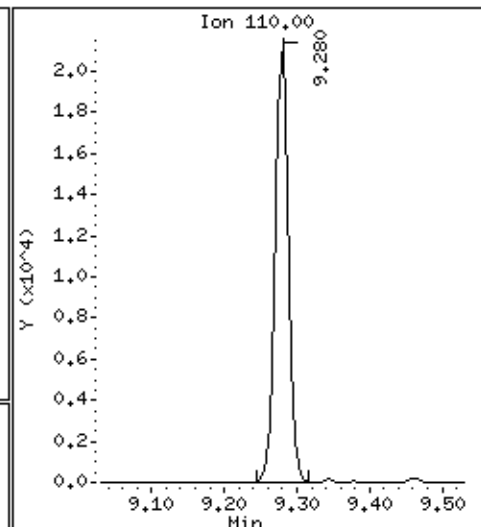
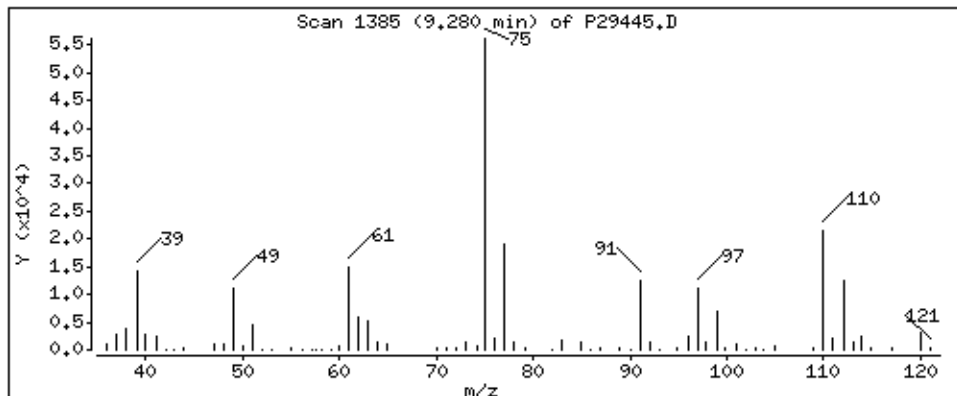
Column phase: RTX-624

Column diameter: 0,18

96 1,2,3-Trichloropropane

Concentration: 49.4 ug/L

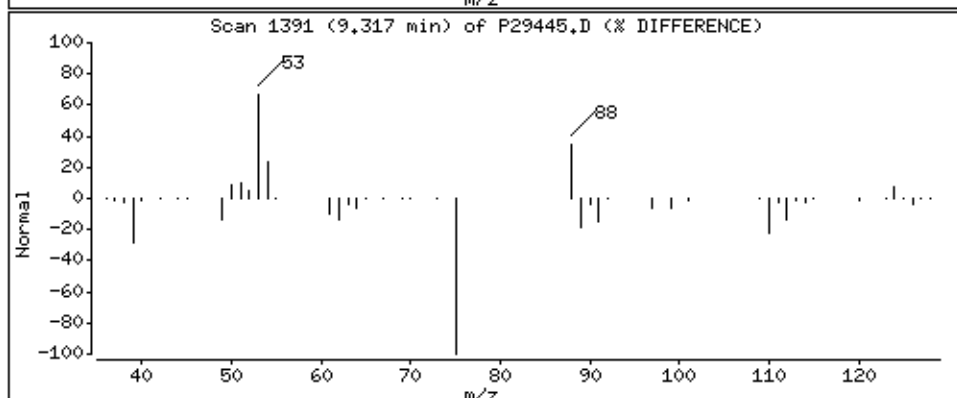
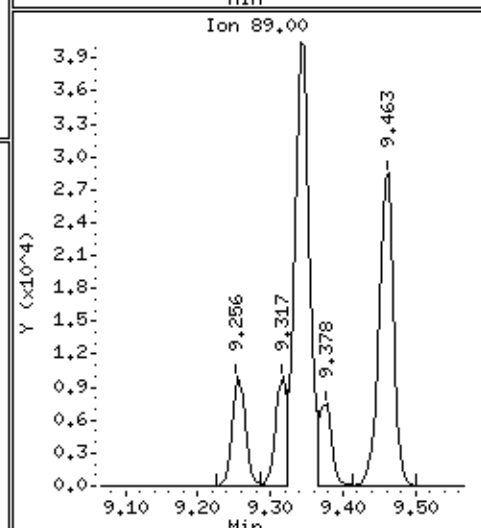
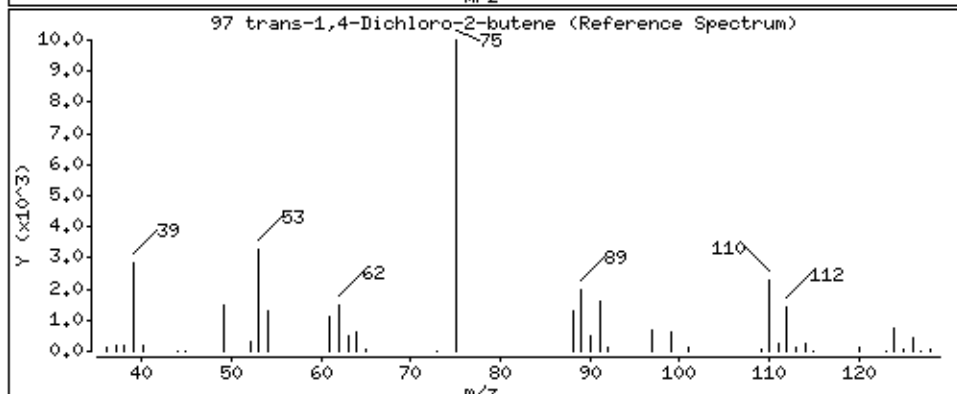
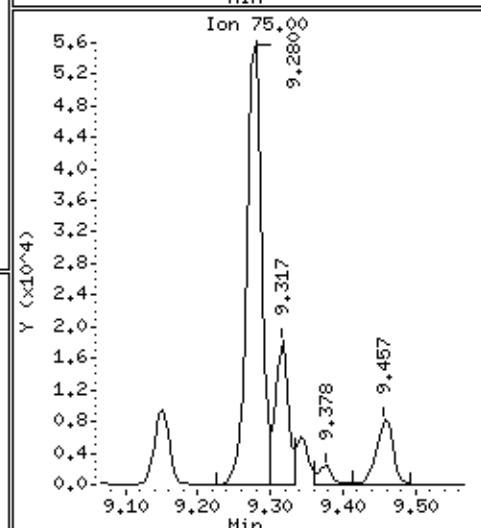
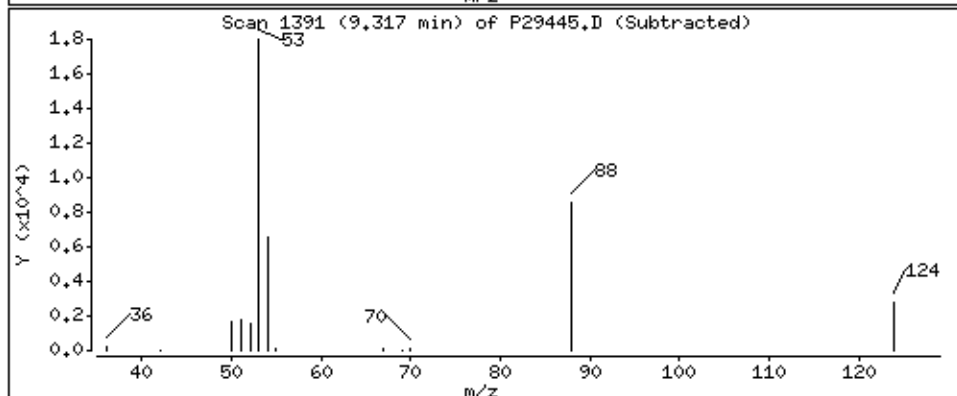
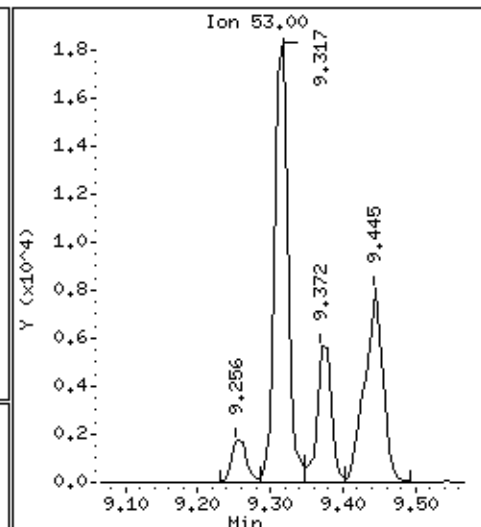
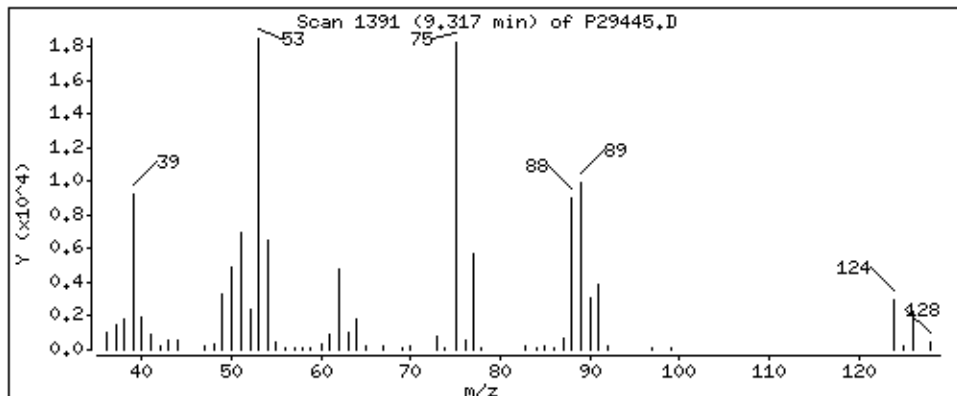
Review Code:



97 trans-1,4-Dichloro-2-butene

Concentration: 43,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

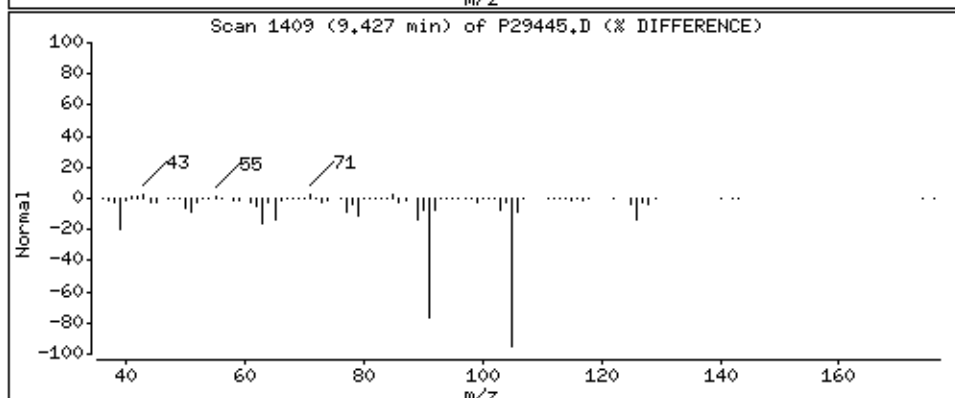
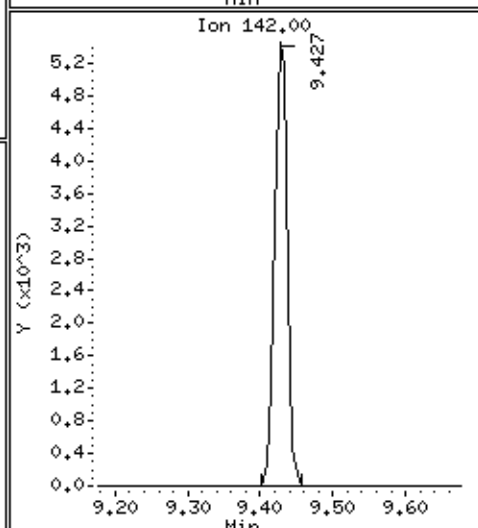
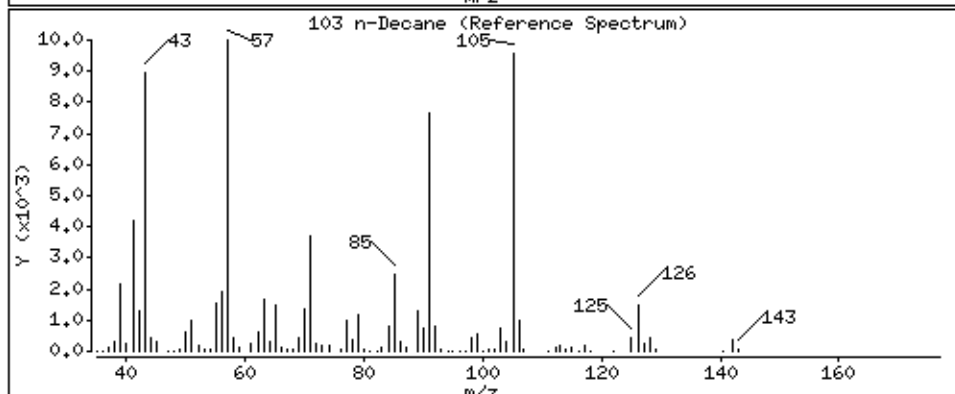
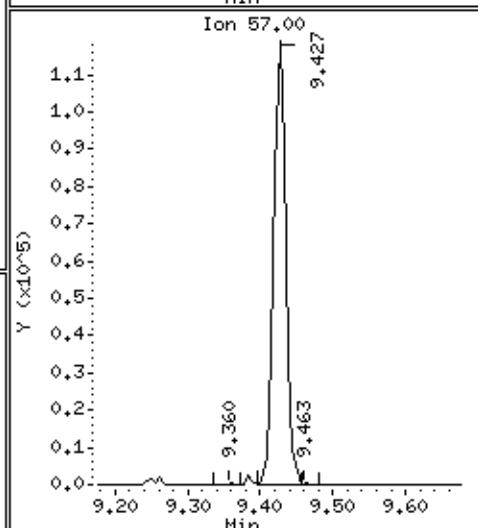
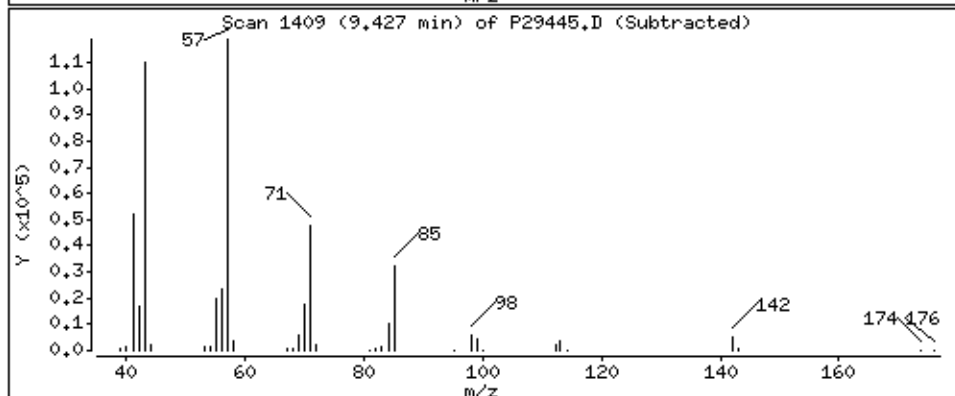
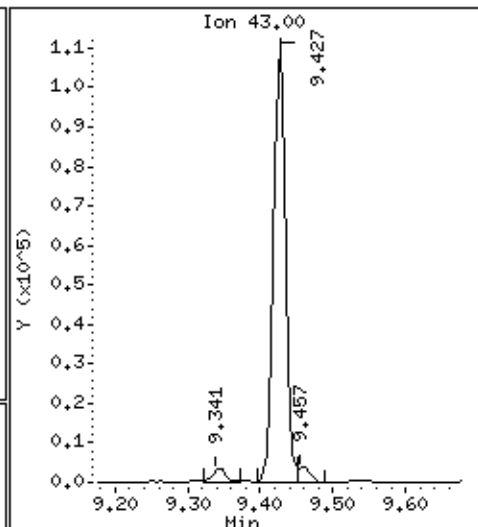
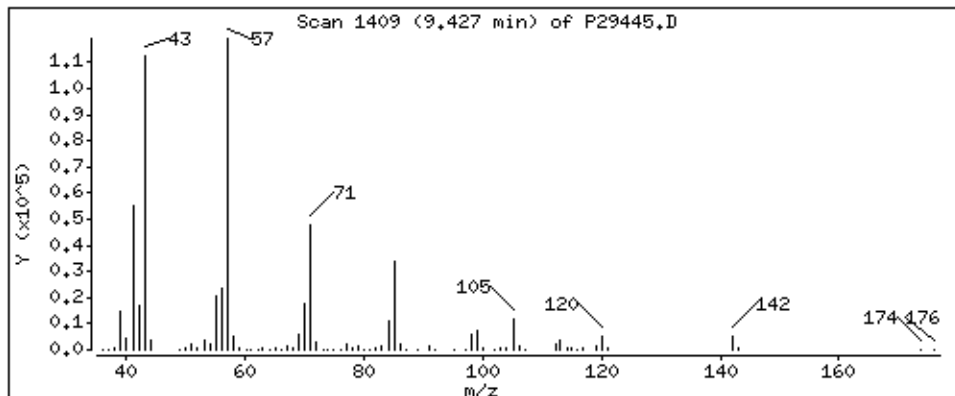
Column phase: RTX-624

Column diameter: 0,18

103 n-Decane

Concentration: 95,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

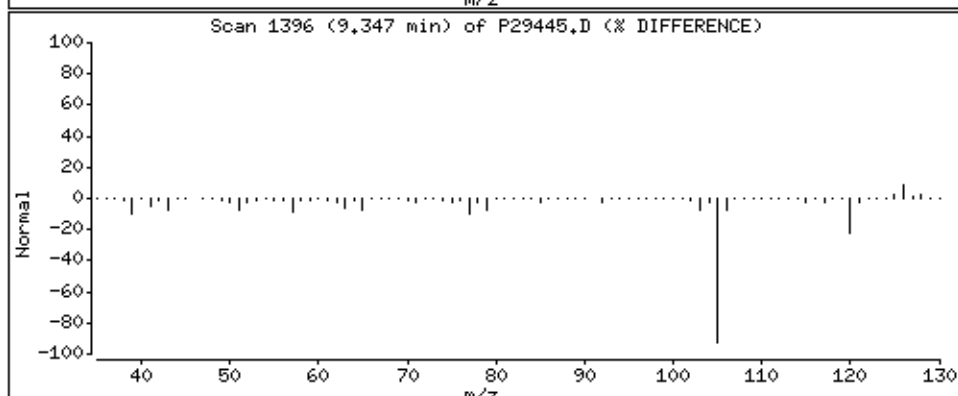
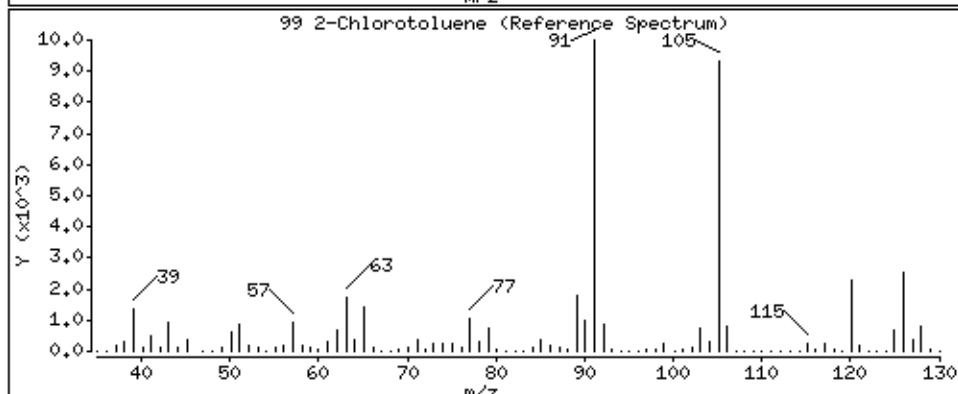
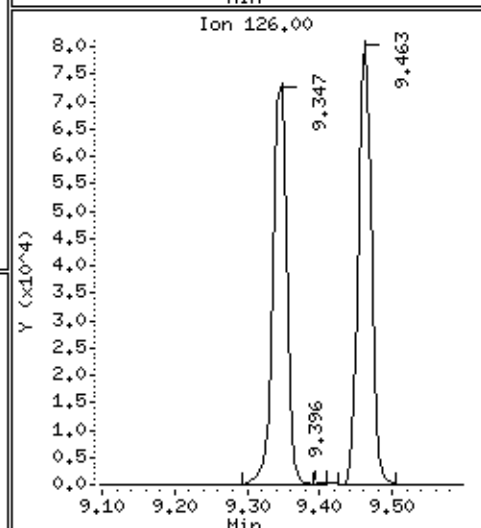
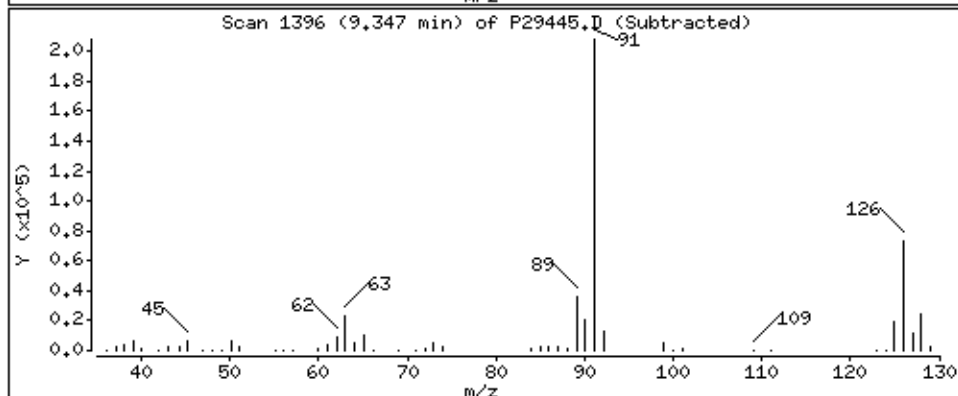
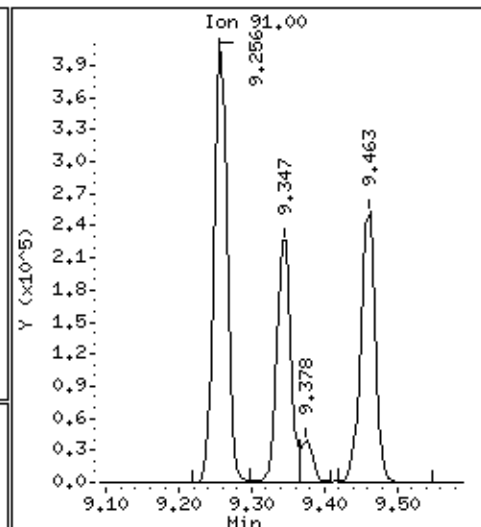
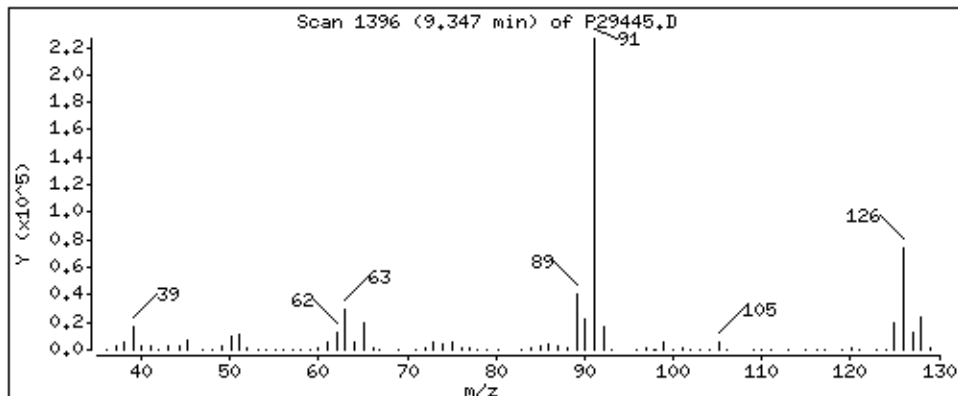
Column phase: RTX-624

Column diameter: 0,18

99 2-Chlorotoluene

Concentration: 45,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

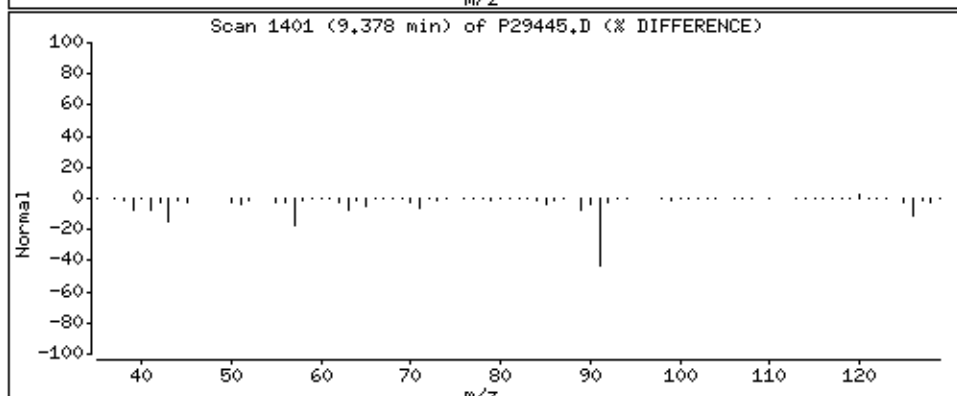
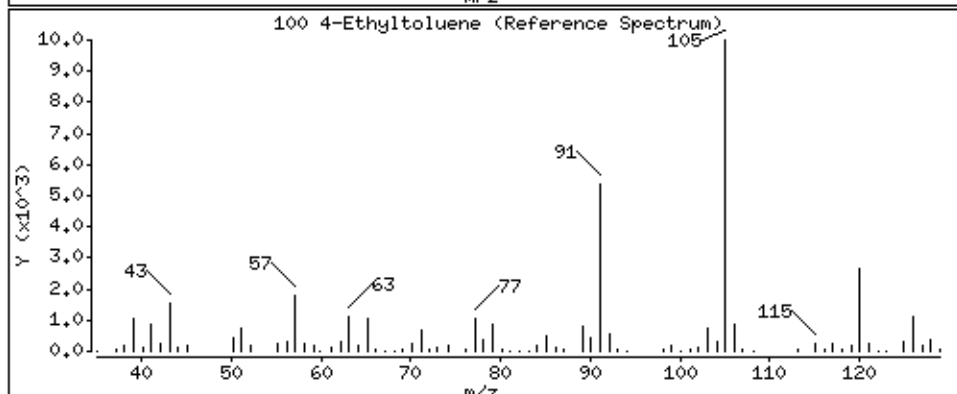
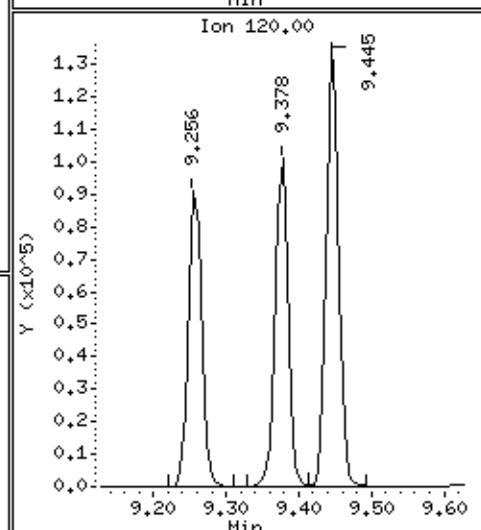
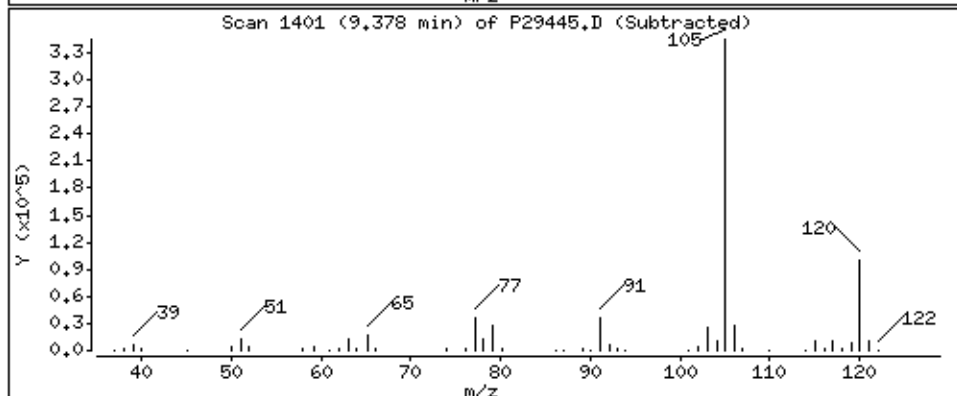
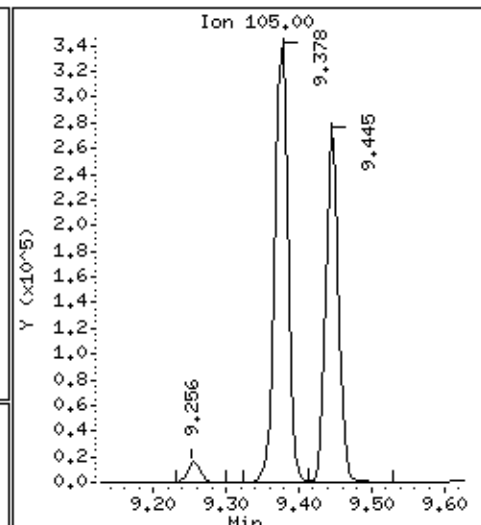
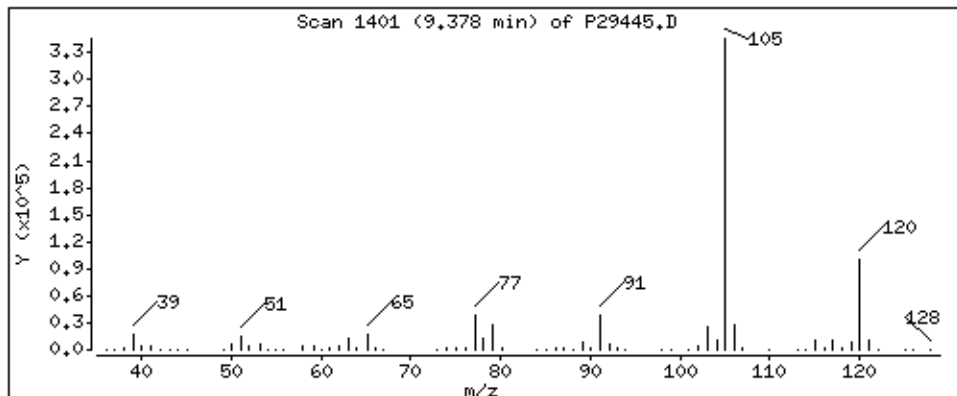
Column phase: RTX-624

Column diameter: 0,18

100 4-Ethyltoluene

Concentration: 44,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

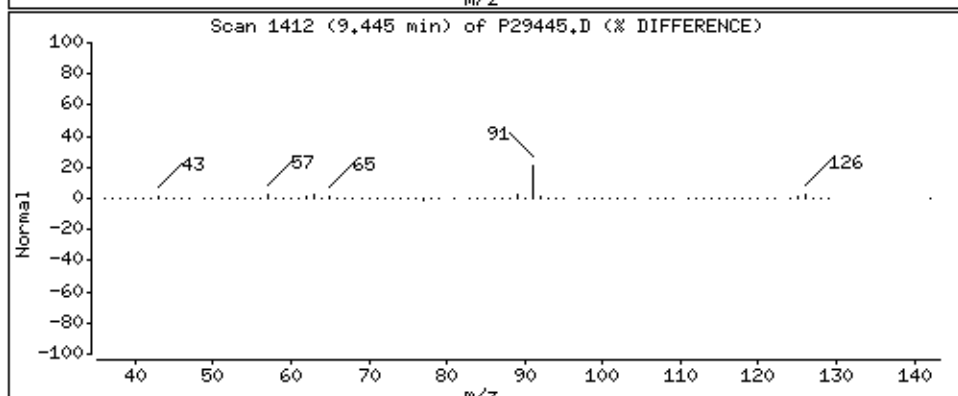
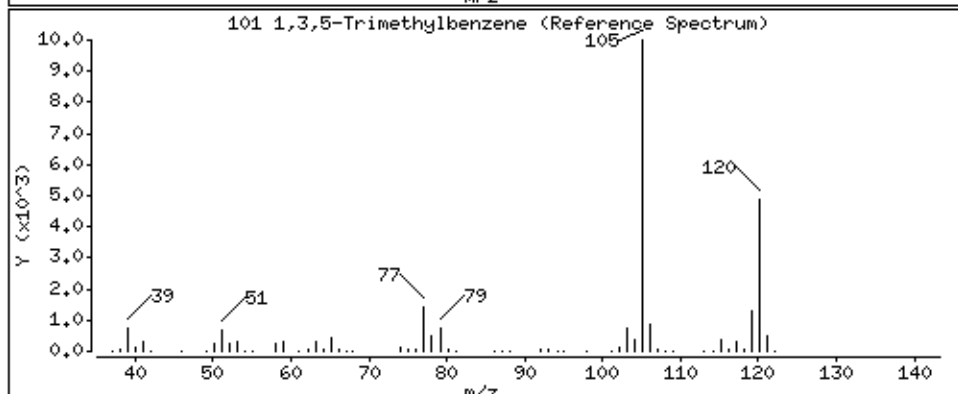
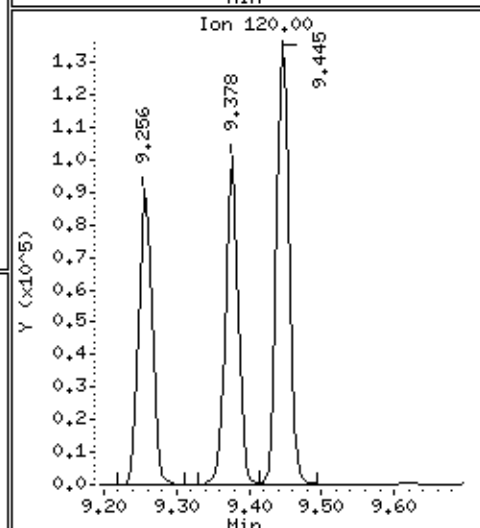
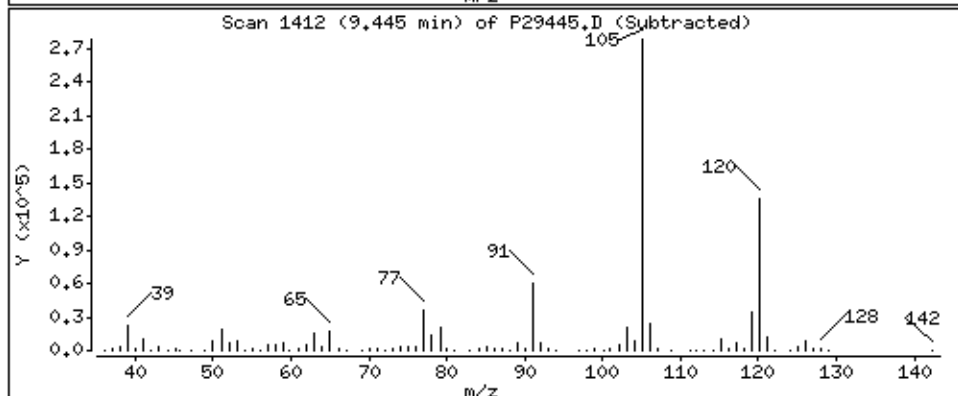
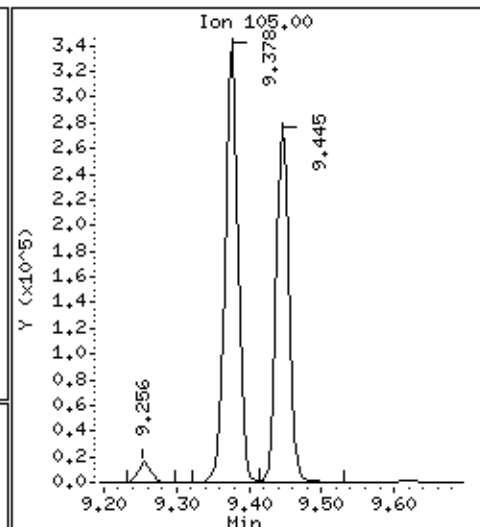
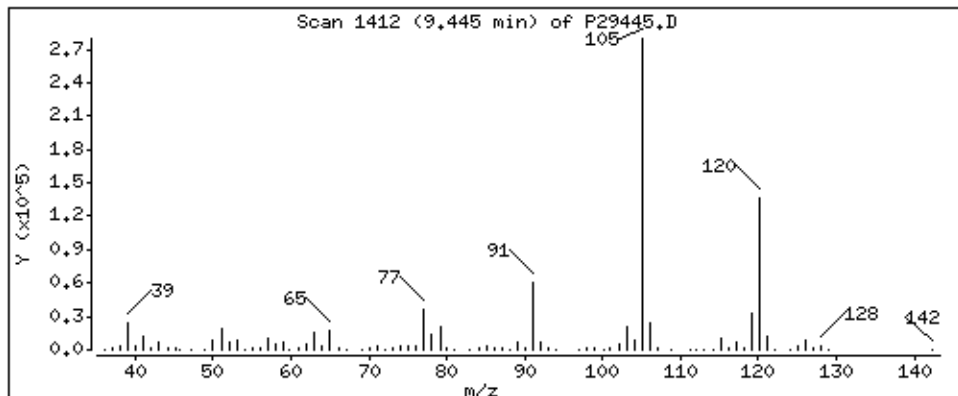
Column phase: RTX-624

Column diameter: 0,18

101 1,3,5-Trimethylbenzene

Concentration: 43,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

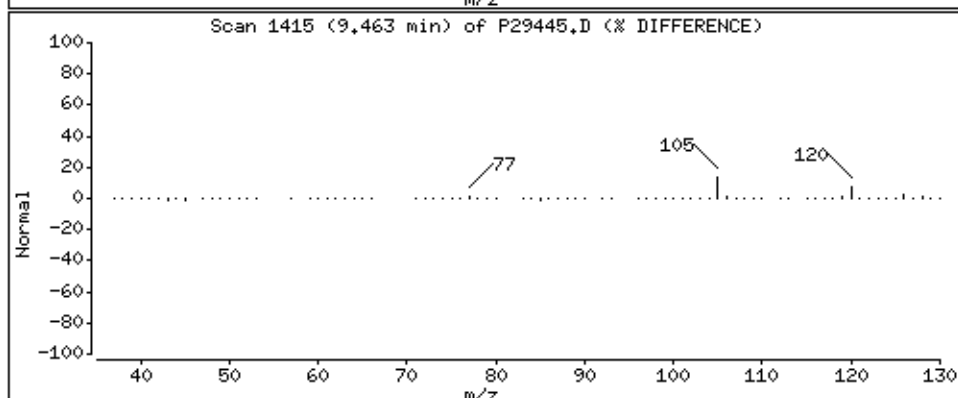
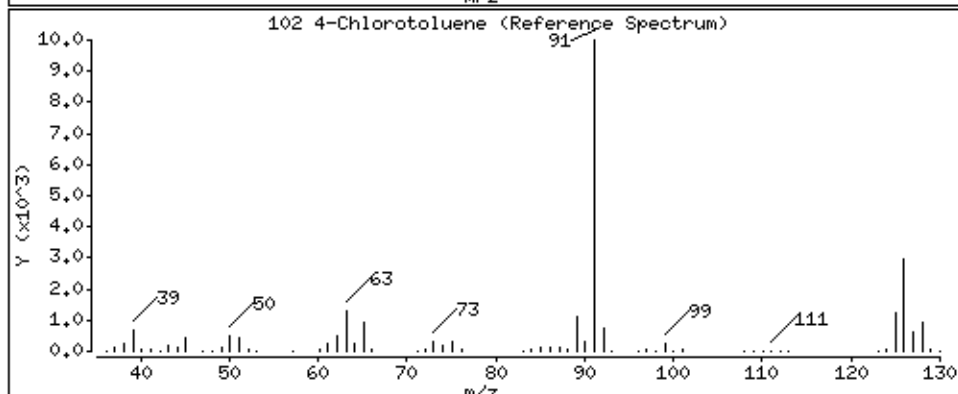
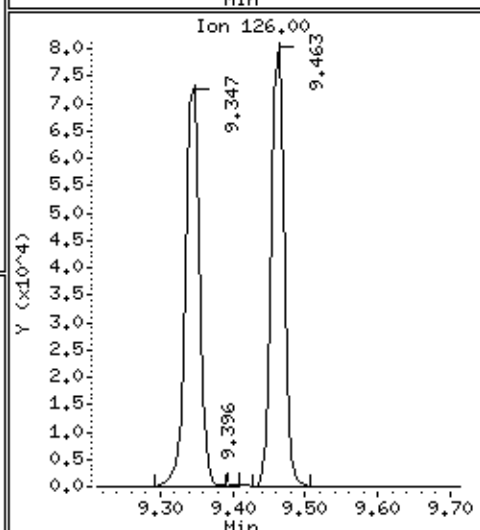
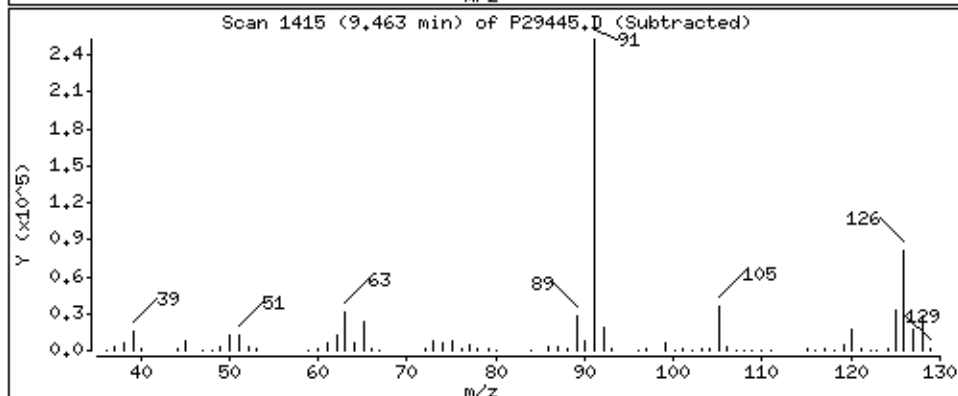
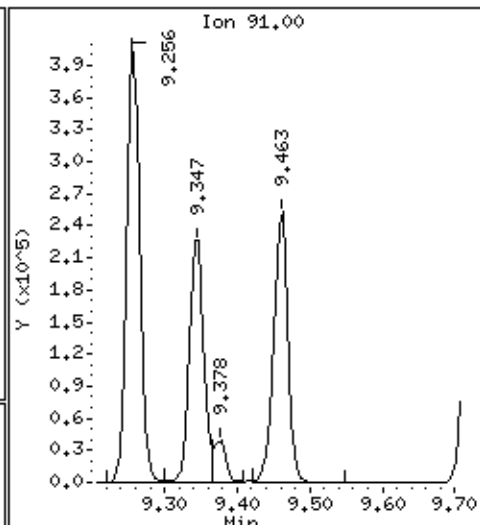
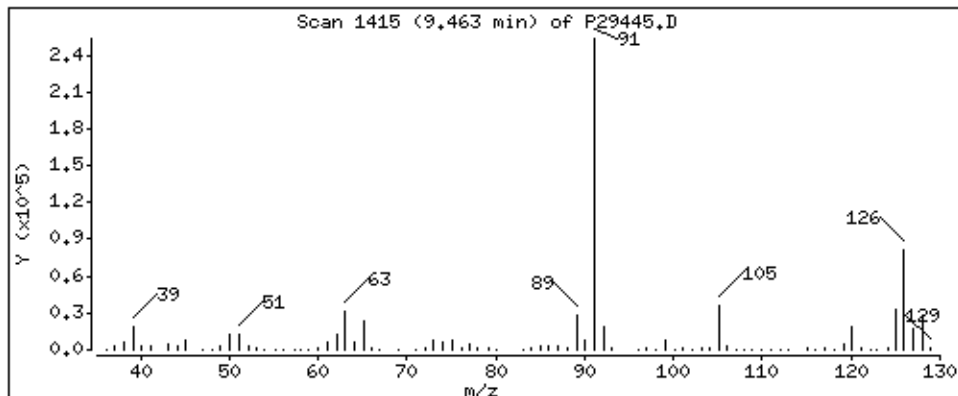
Column phase: RTX-624

Column diameter: 0,18

102 4-Chlorotoluene

Concentration: 44,5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

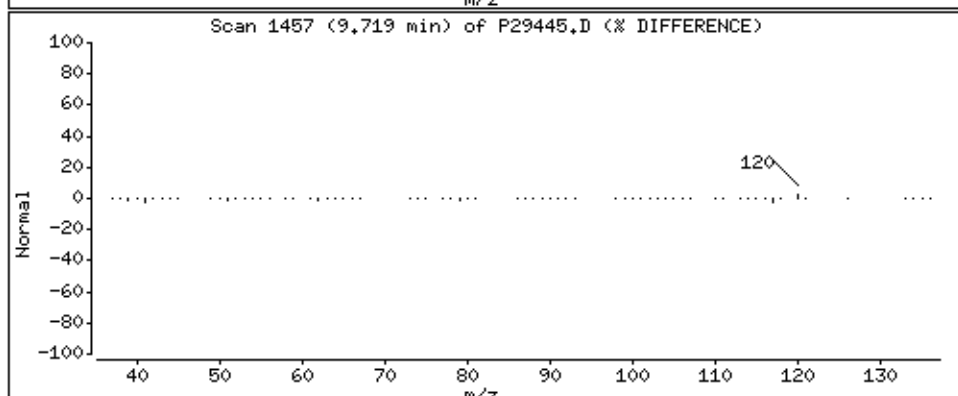
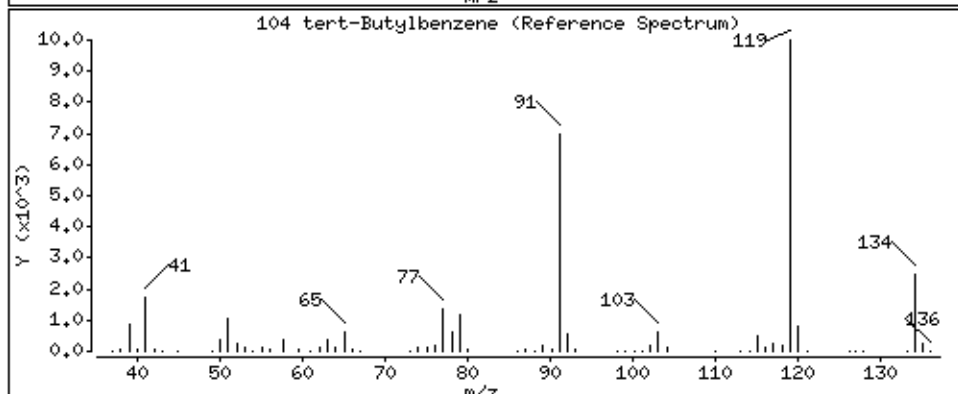
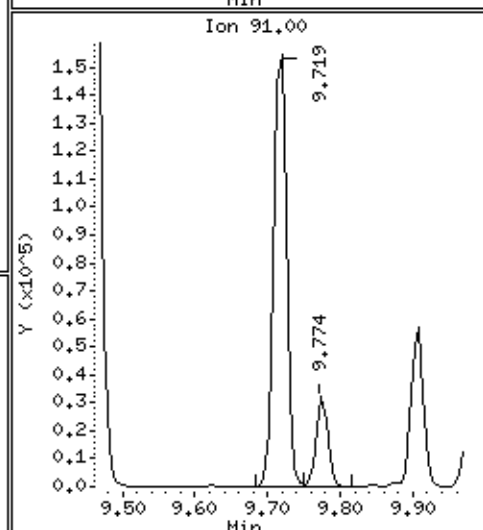
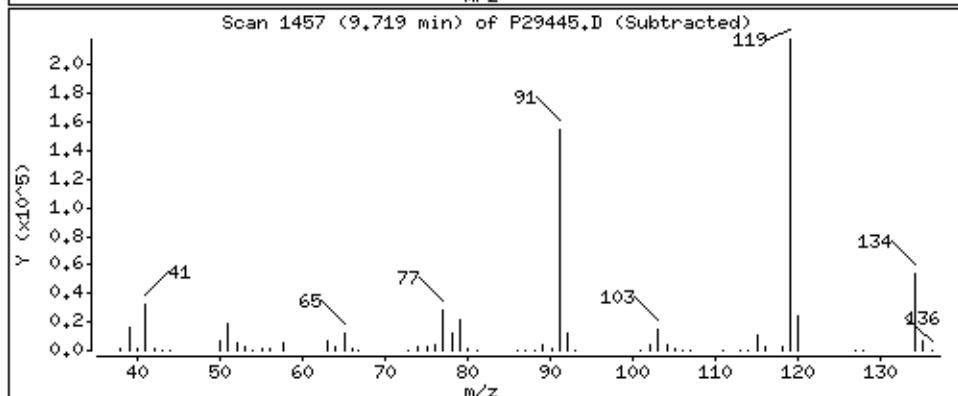
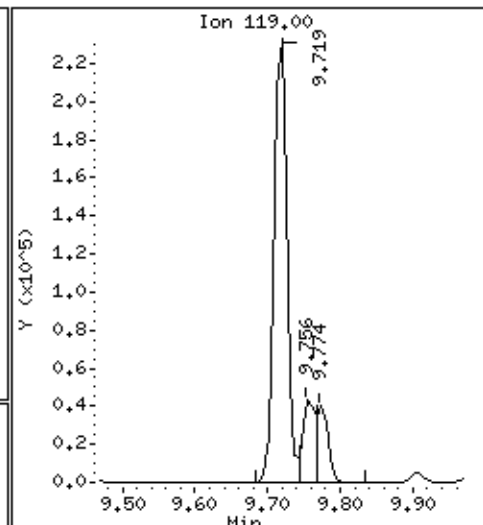
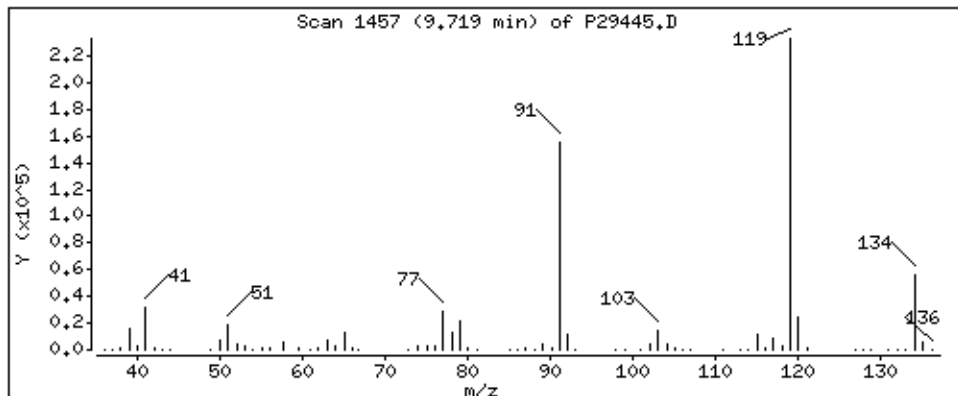
Column phase: RTX-624

Column diameter: 0,18

104 tert-Butylbenzene

Concentration: 42.9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

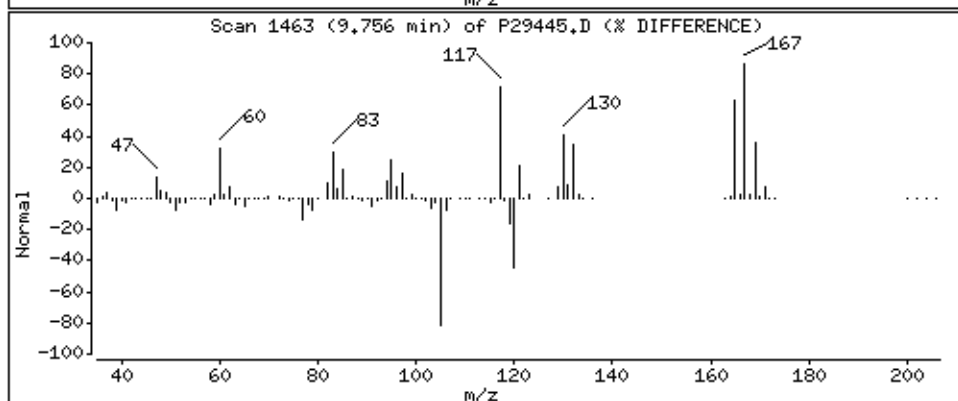
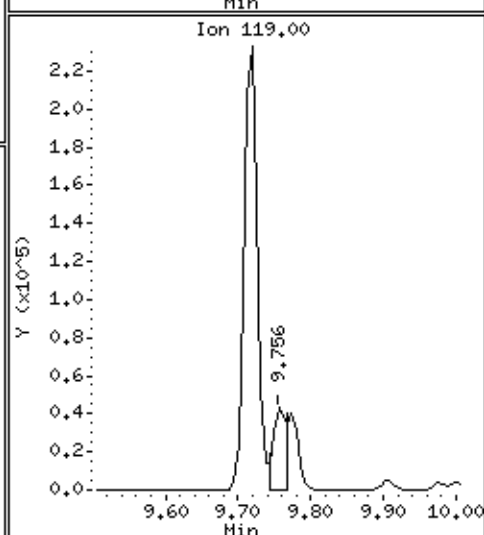
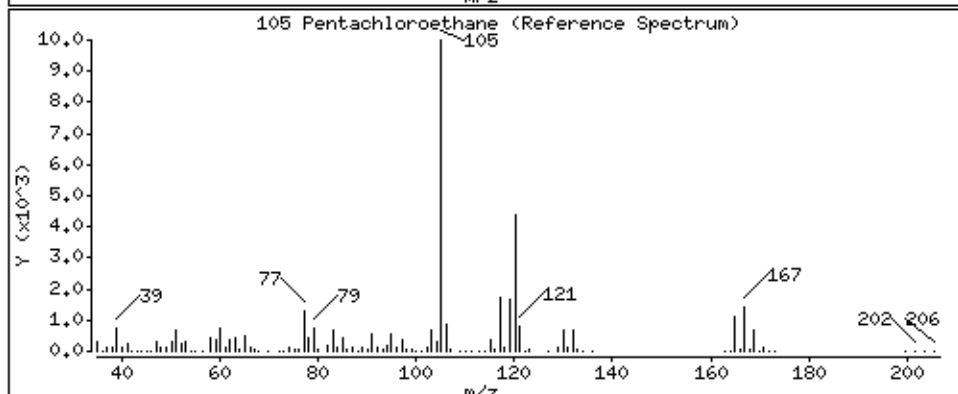
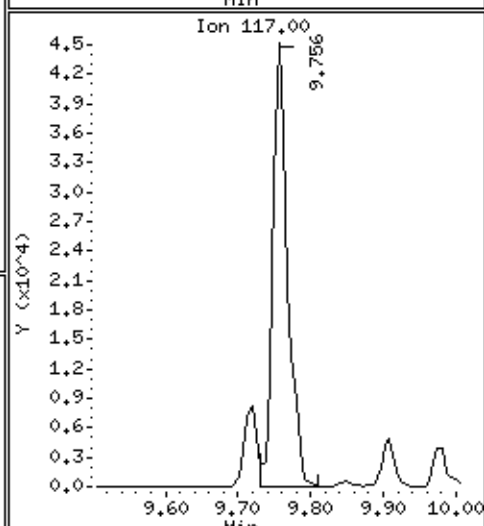
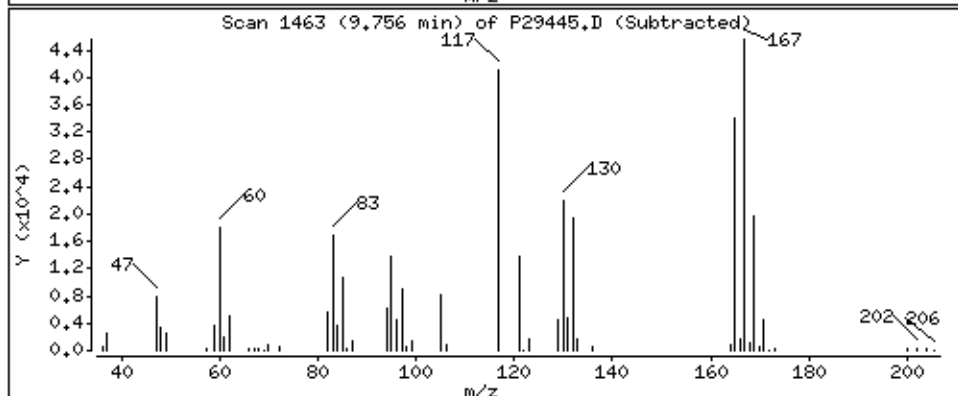
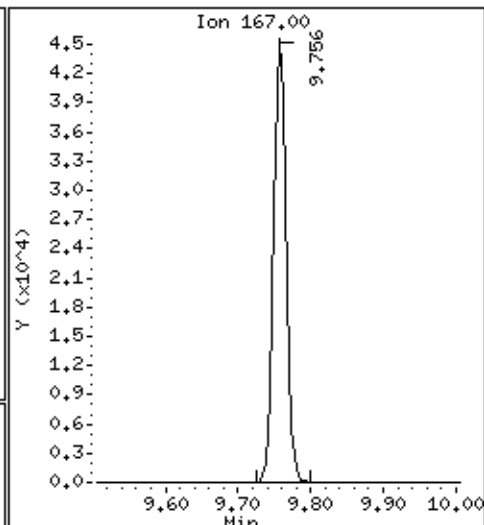
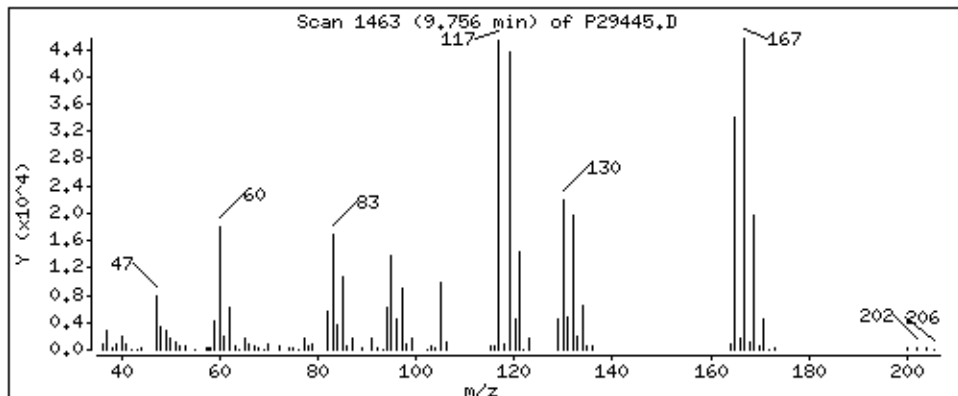
Column phase: RTX-624

Column diameter: 0,18

105 Pentachloroethane

Concentration: 50,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

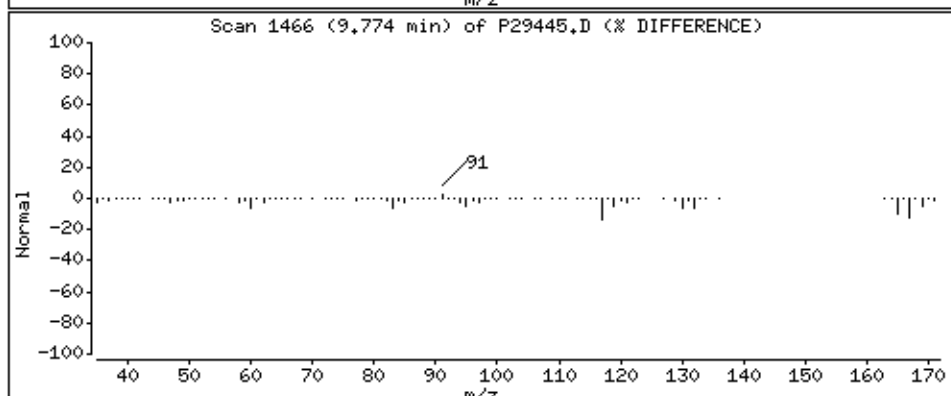
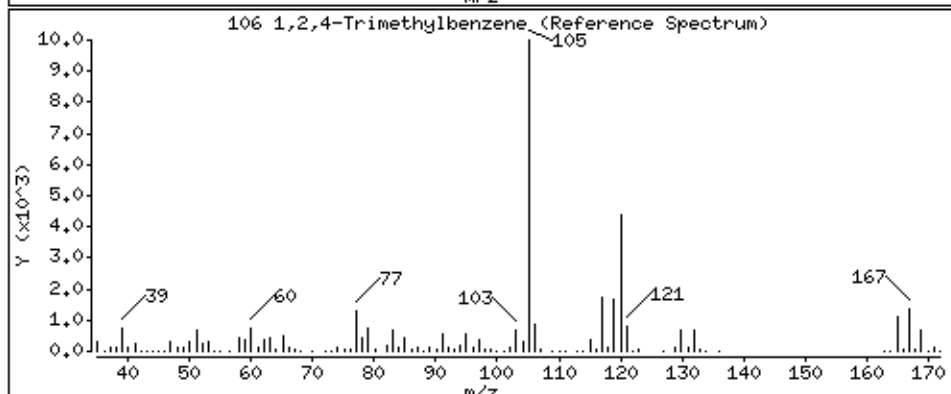
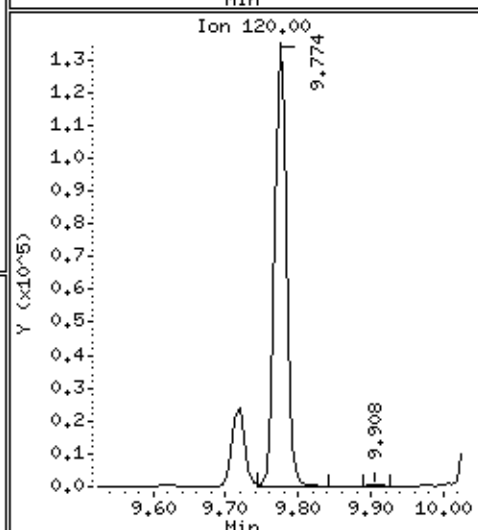
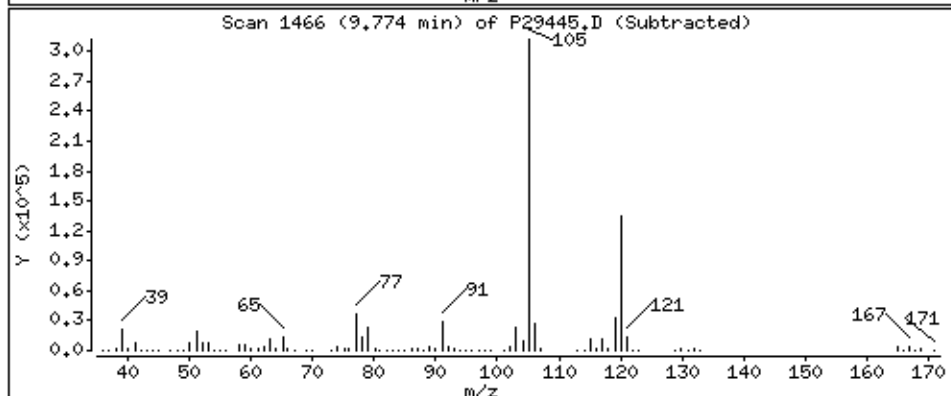
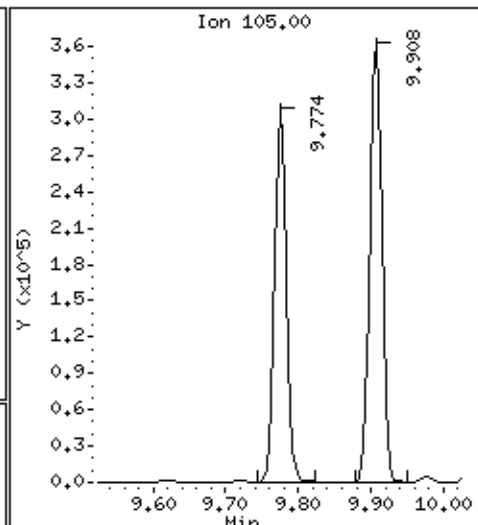
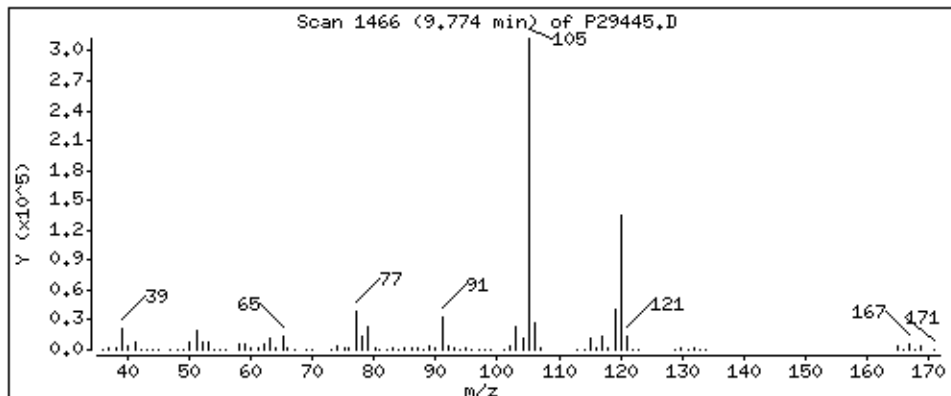
Column phase: RTX-624

Column diameter: 0,18

106 1,2,4-Trimethylbenzene

Concentration: 43,4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

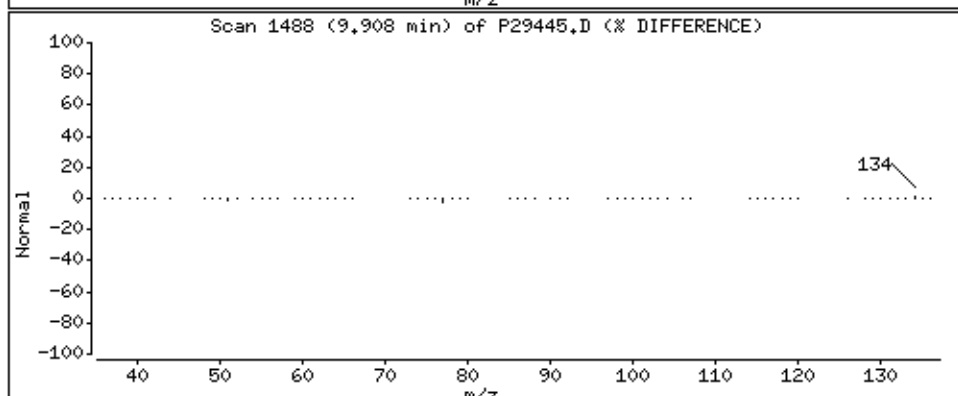
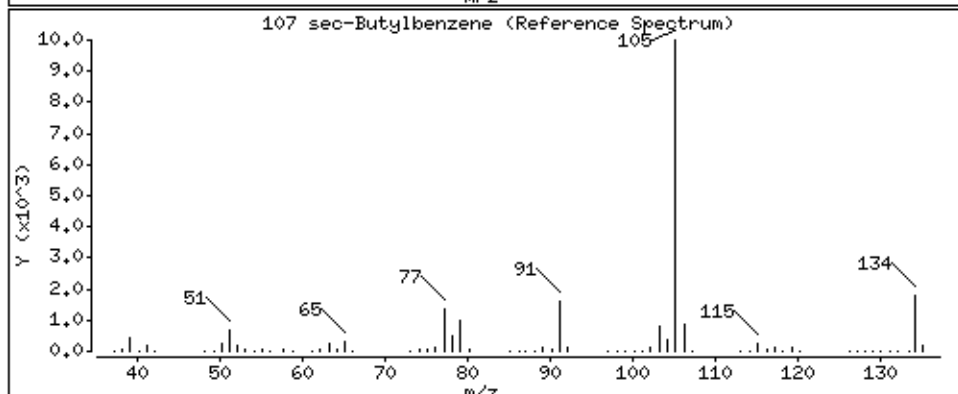
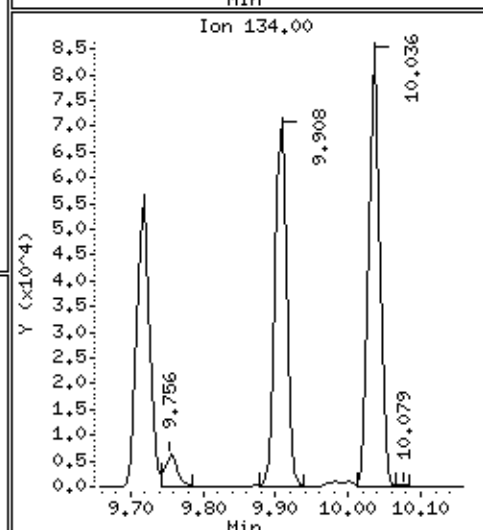
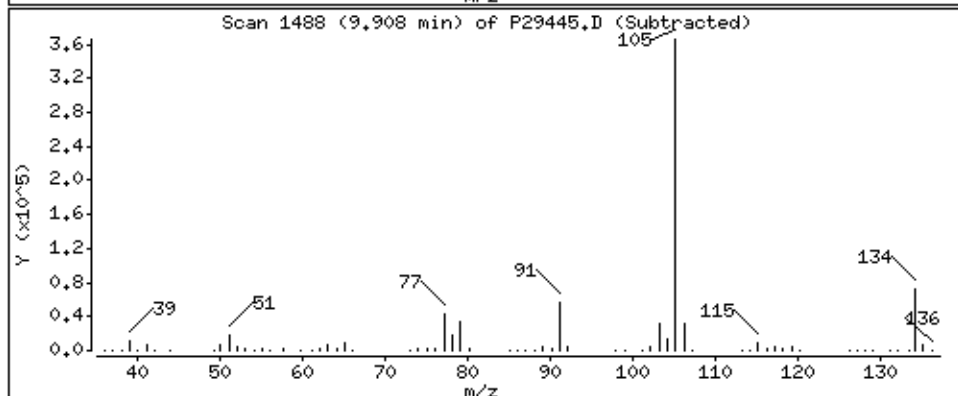
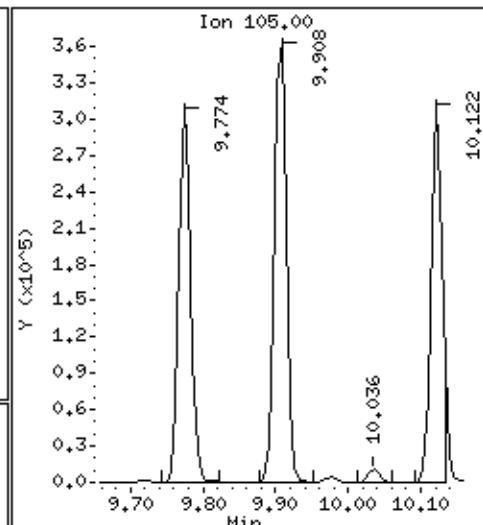
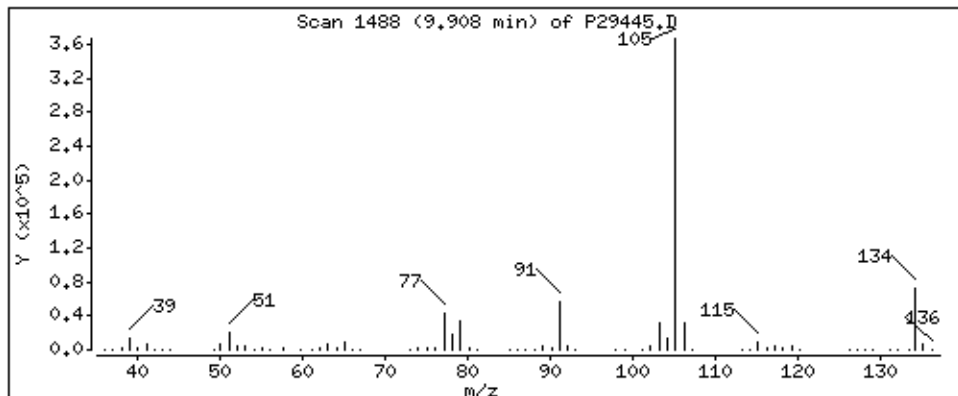
Column phase: RTX-624

Column diameter: 0,18

107 sec-Butylbenzene

Concentration: 41.5 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

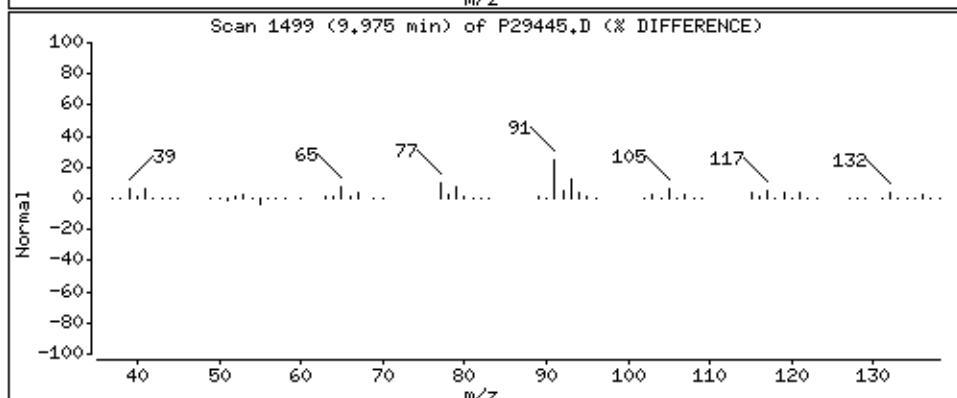
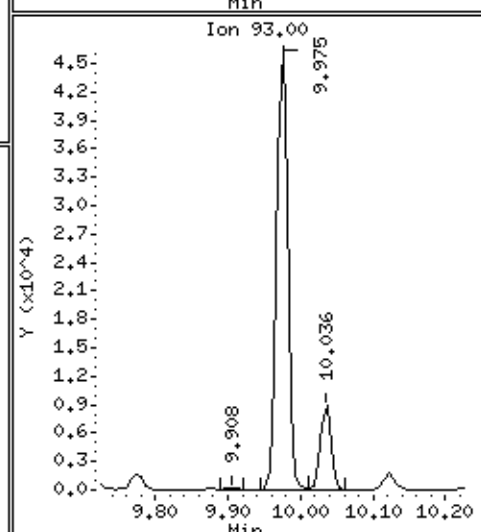
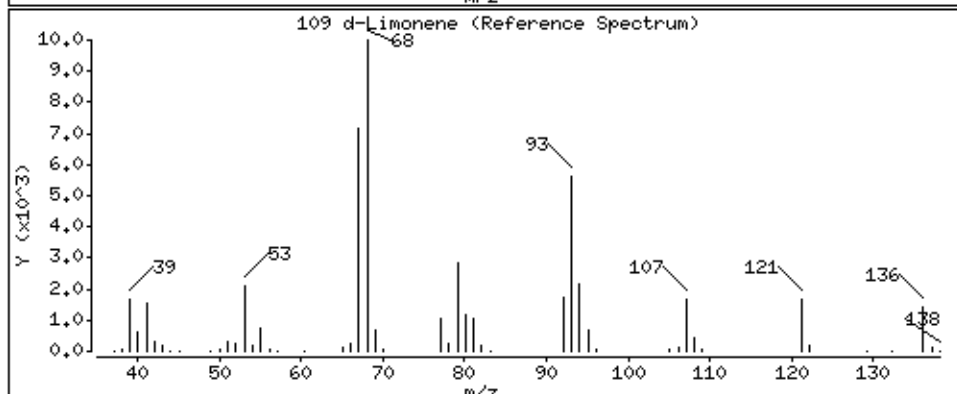
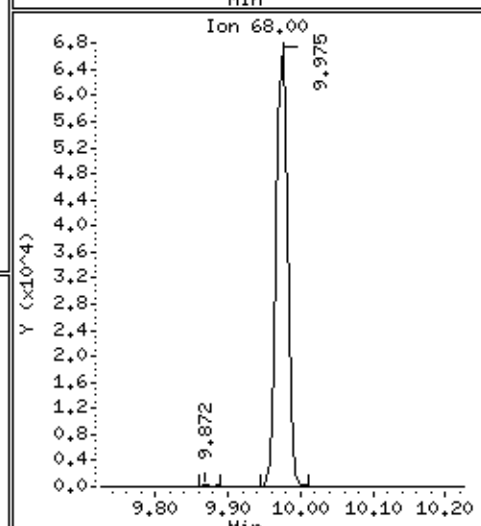
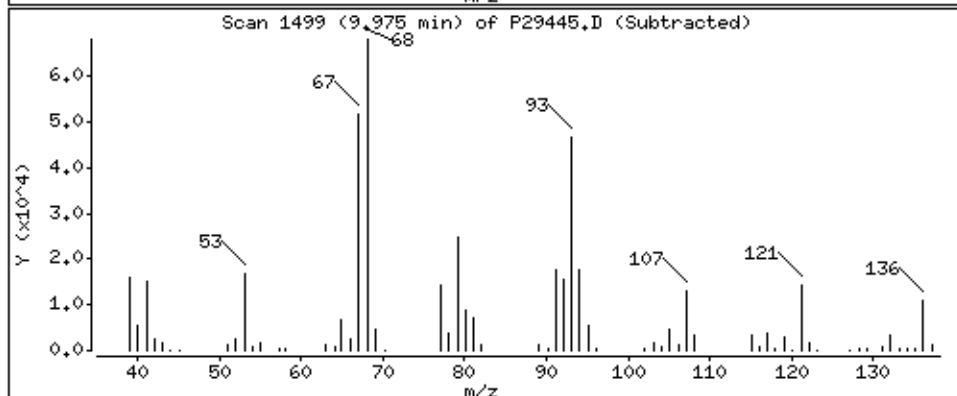
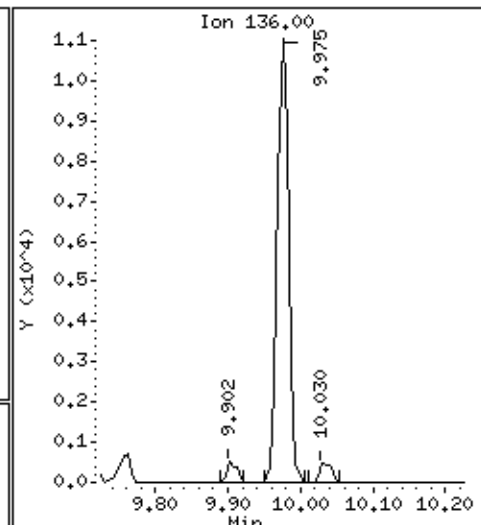
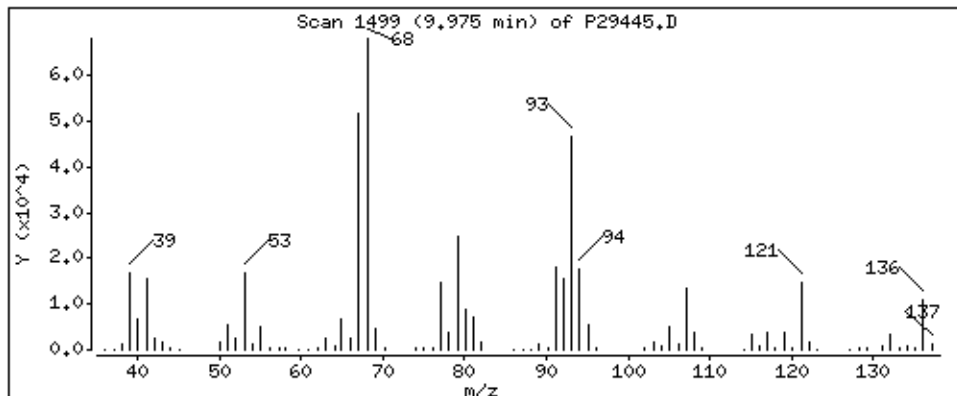
Column phase: RTX-624

Column diameter: 0.18

109 d-Limonene

Concentration: 34.2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

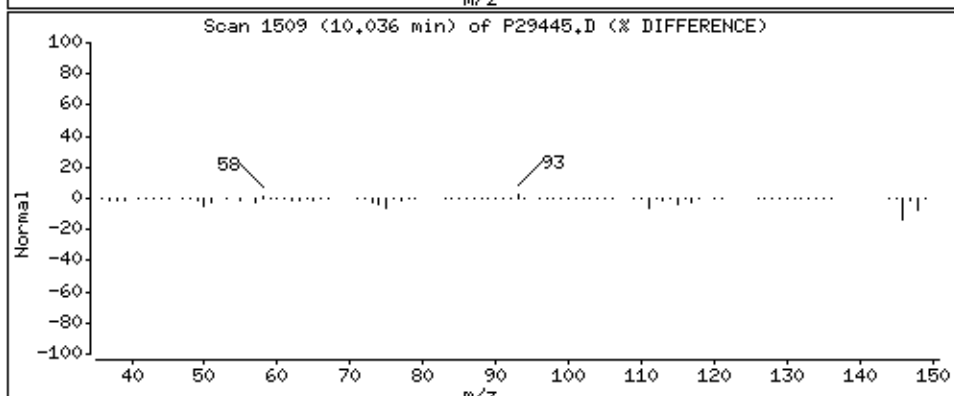
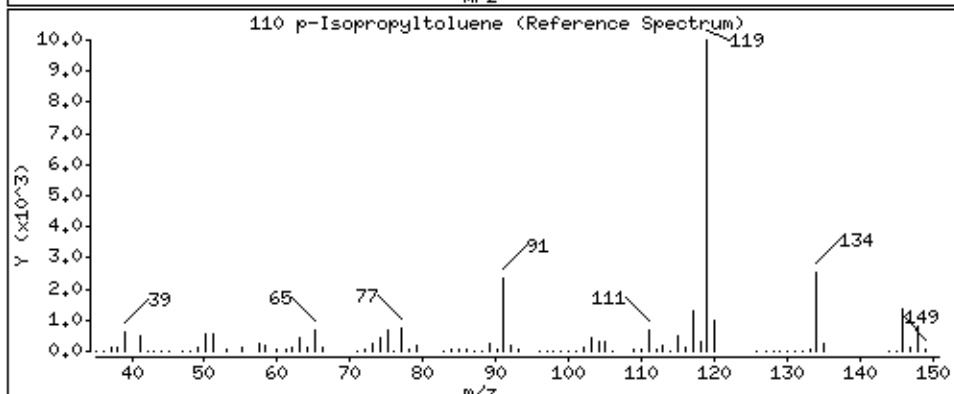
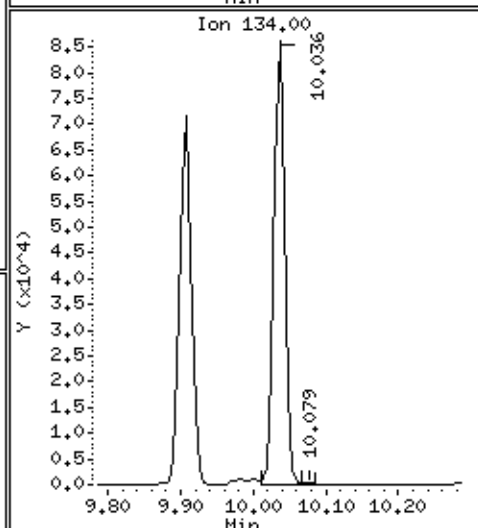
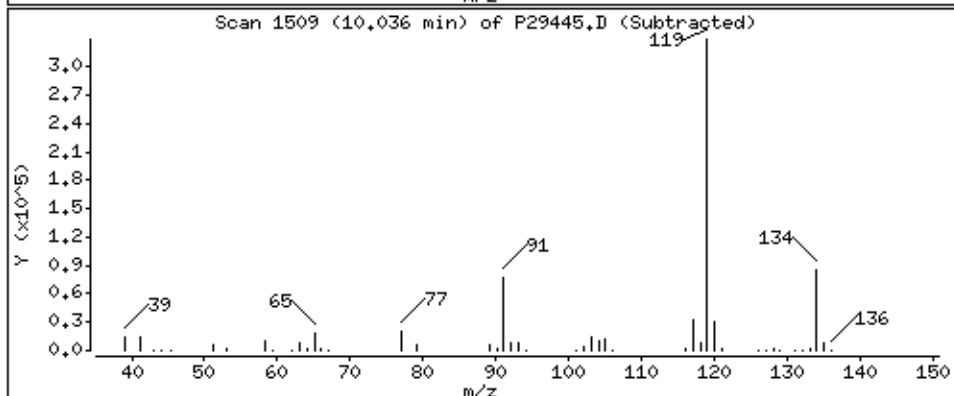
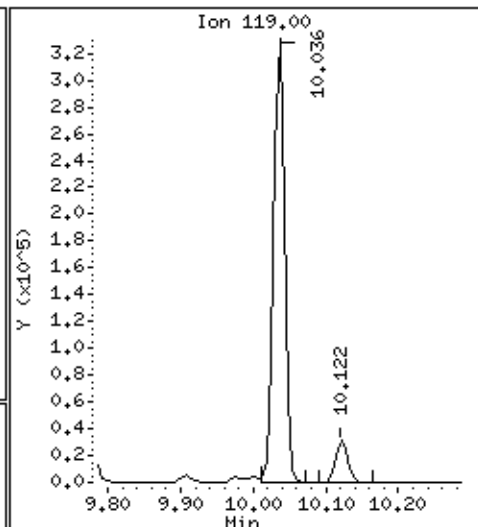
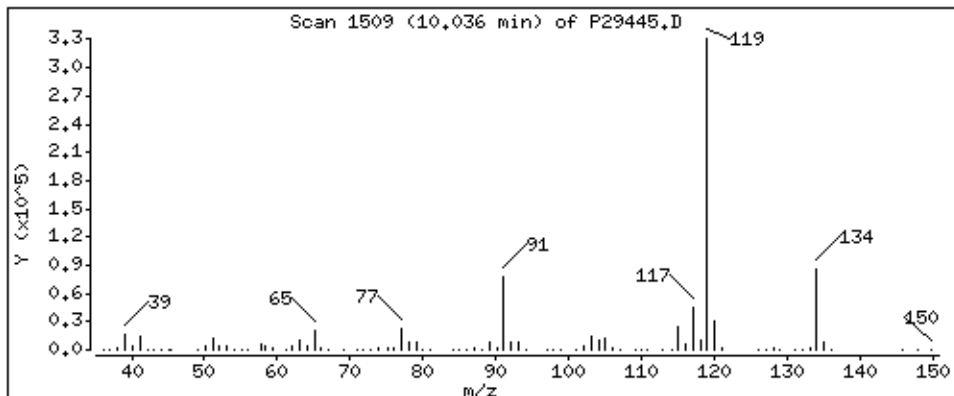
Column phase: RTX-624

Column diameter: 0,18

110 p-Isopropyltoluene

Concentration: 40,6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

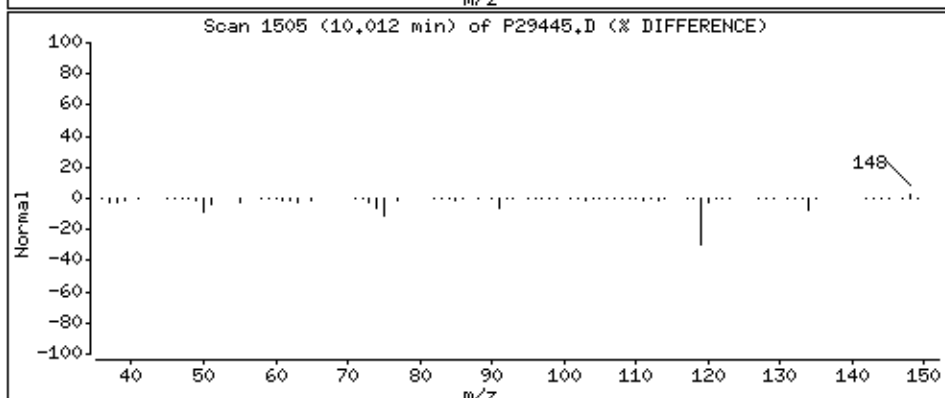
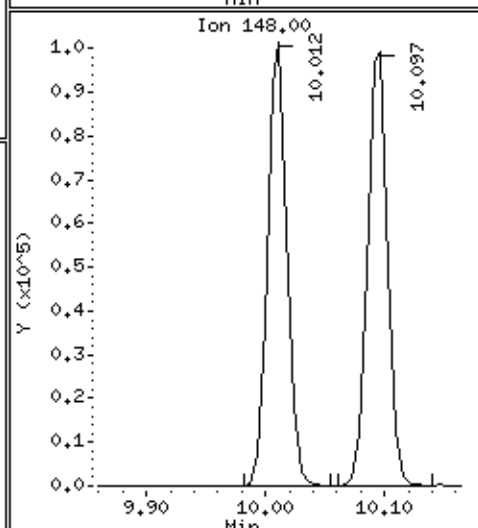
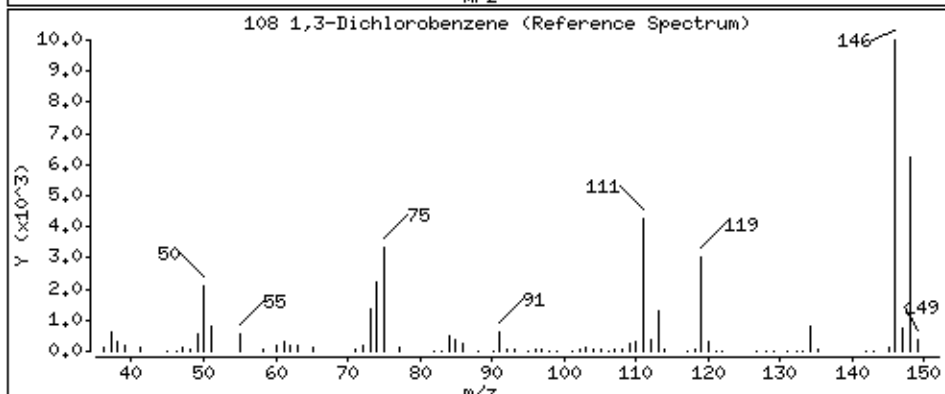
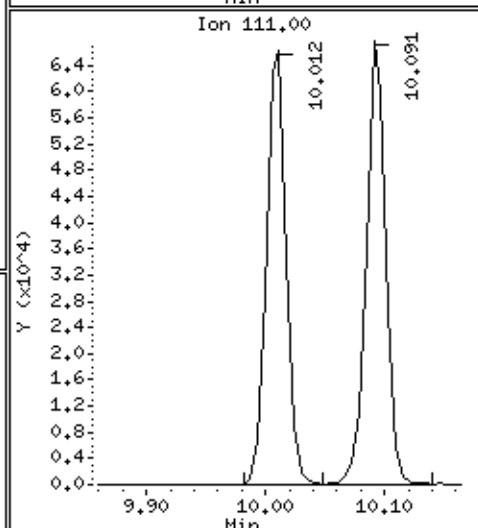
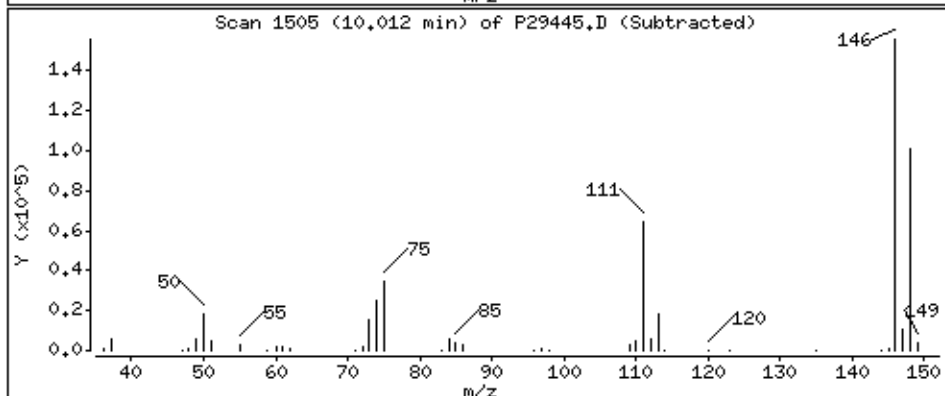
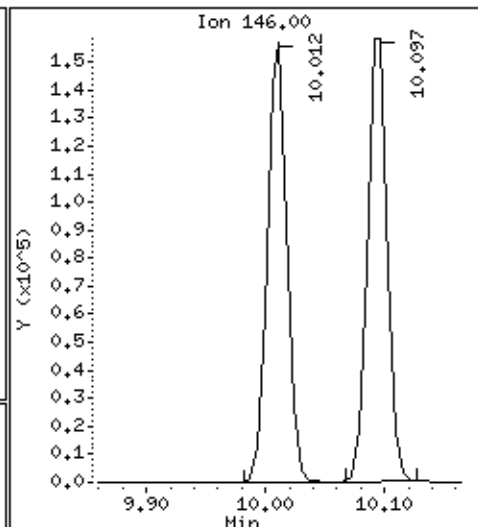
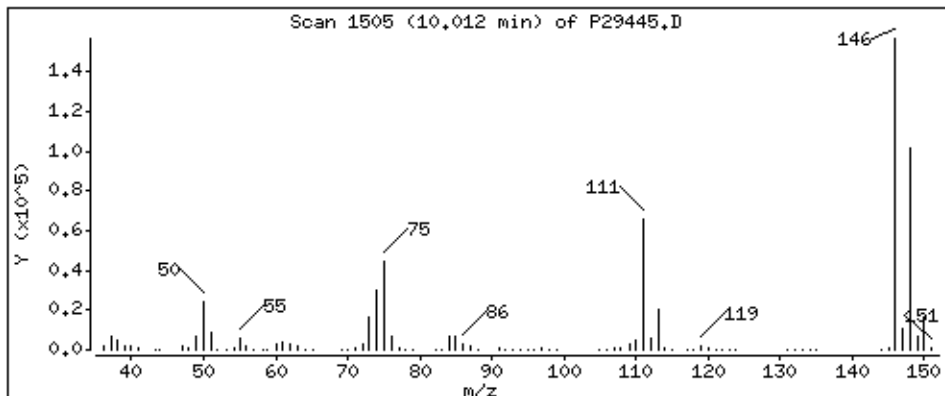
Column phase: RTX-624

Column diameter: 0,18

108 1,3-Dichlorobenzene

Concentration: 46,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

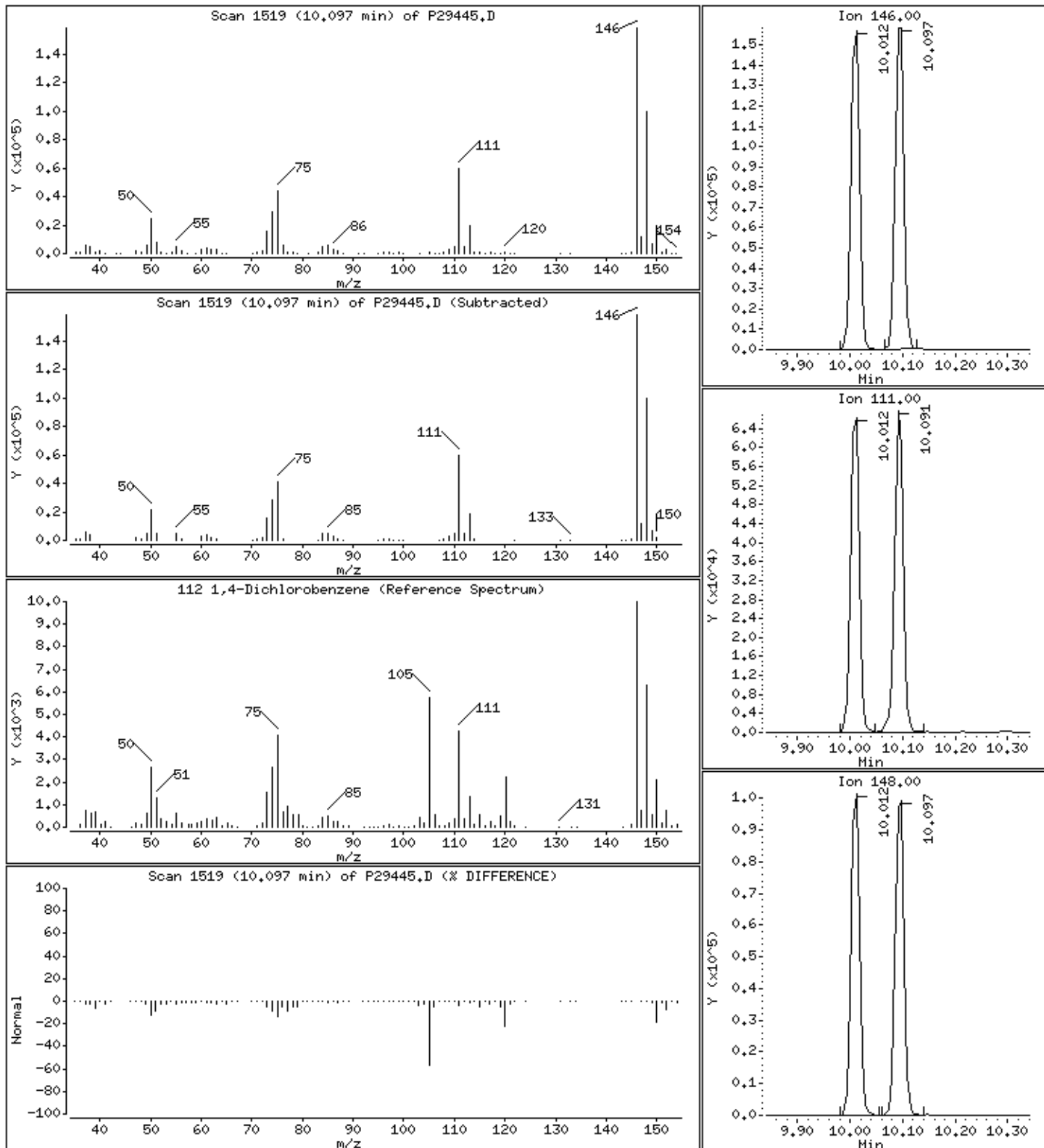
Column phase: RTX-624

Column diameter: 0,18

112 1,4-Dichlorobenzene

Concentration: 46,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

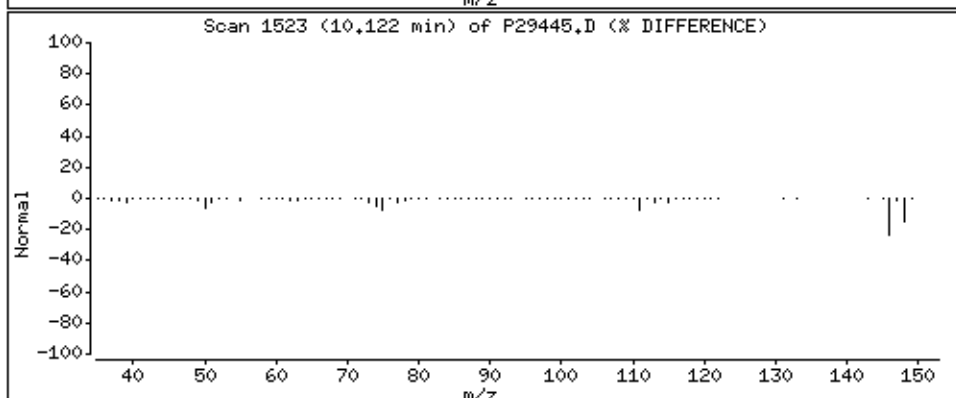
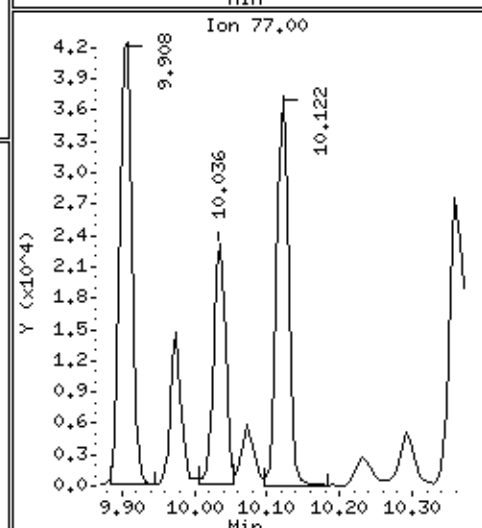
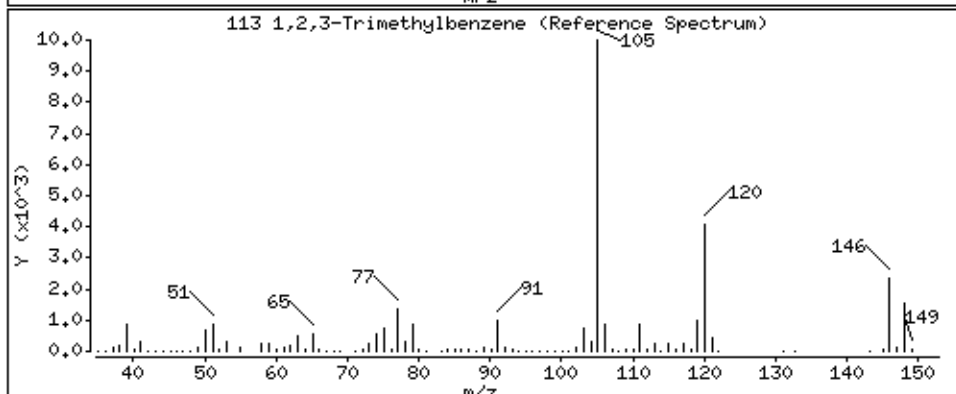
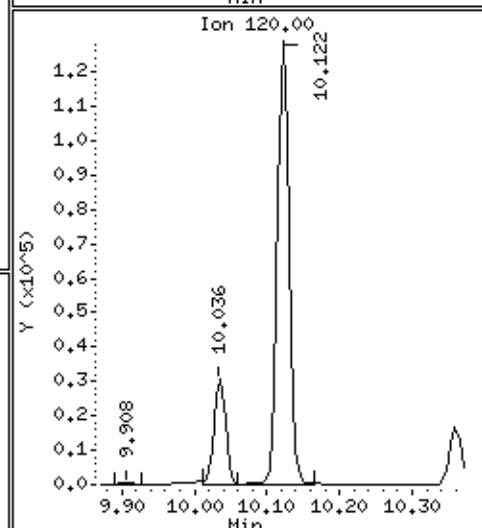
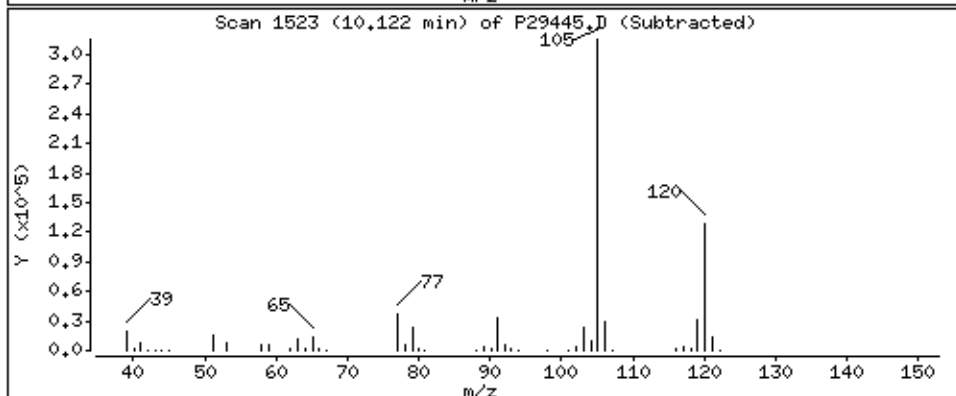
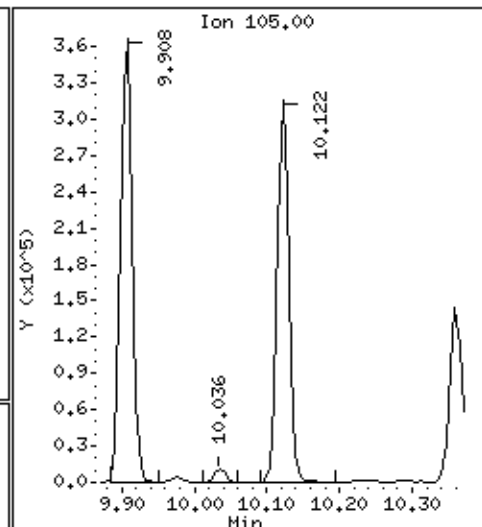
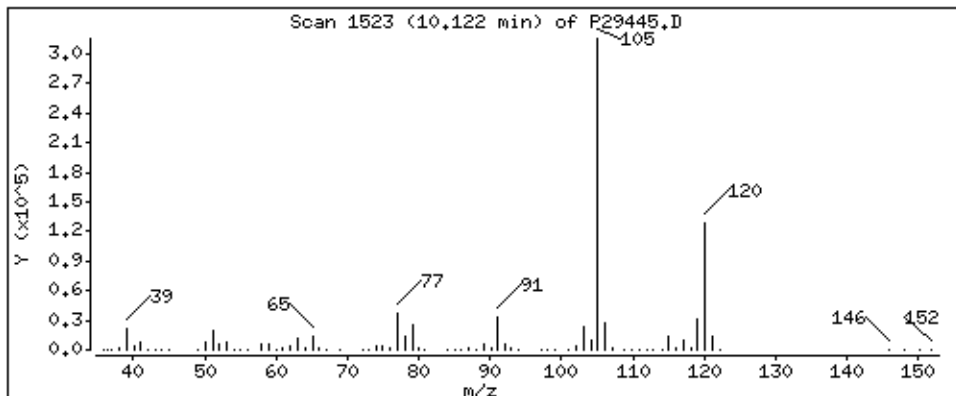
Column phase: RTX-624

Column diameter: 0,18

113 1,2,3-Trimethylbenzene

Concentration: 43,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

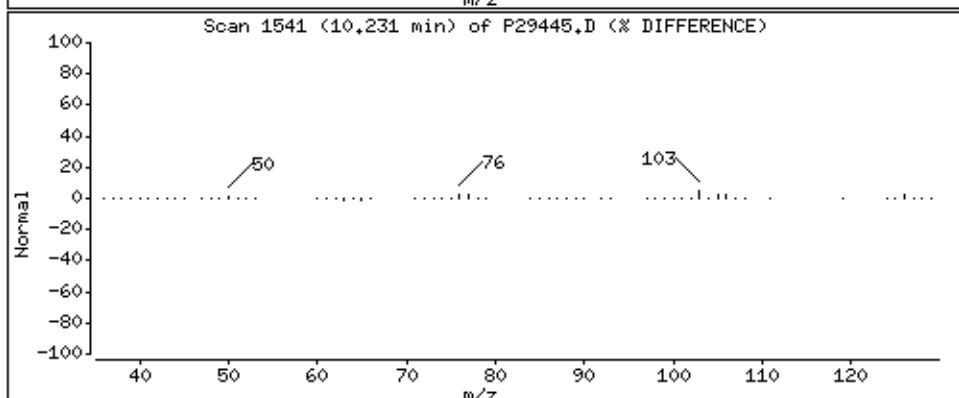
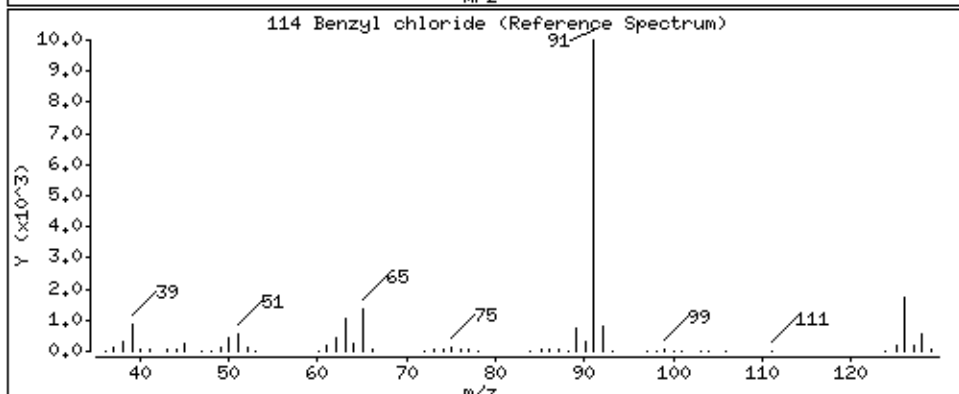
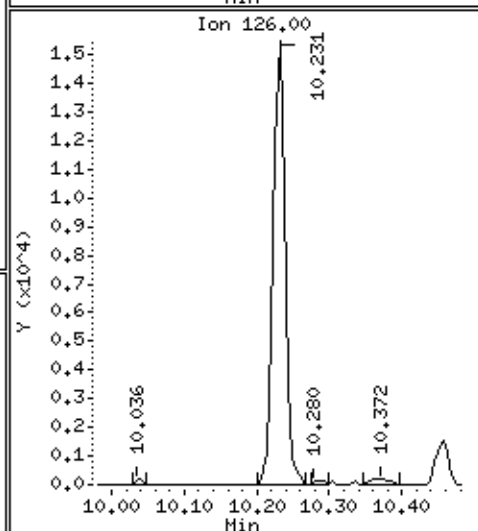
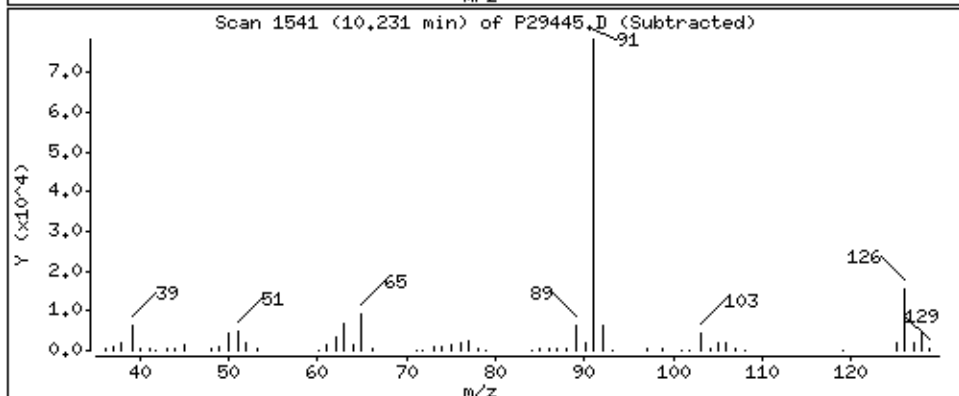
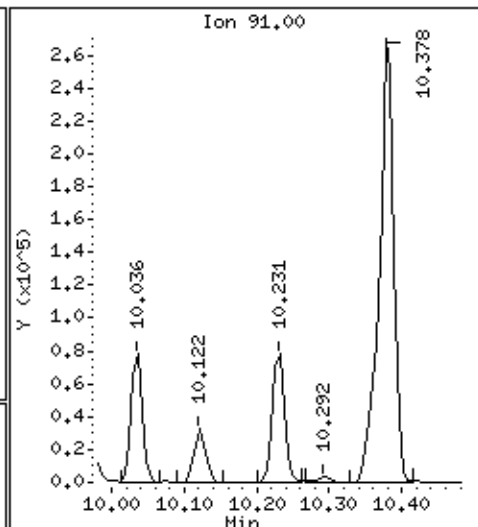
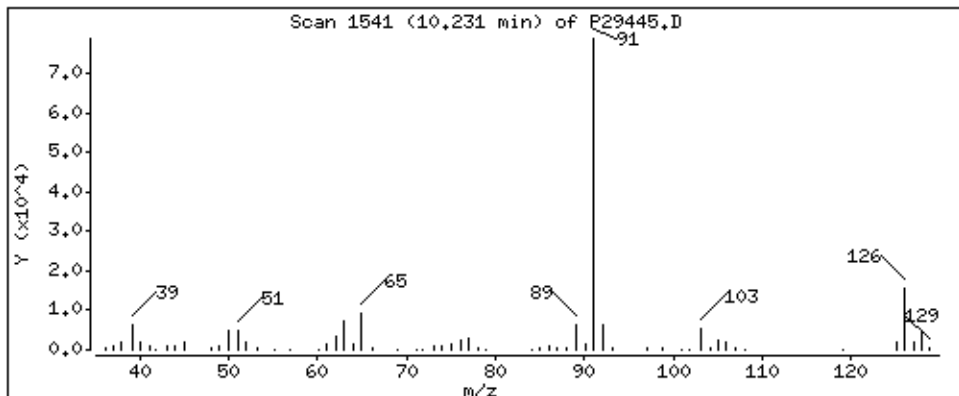
Column phase: RTX-624

Column diameter: 0,18

114 Benzyl chloride

Concentration: 27,9 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

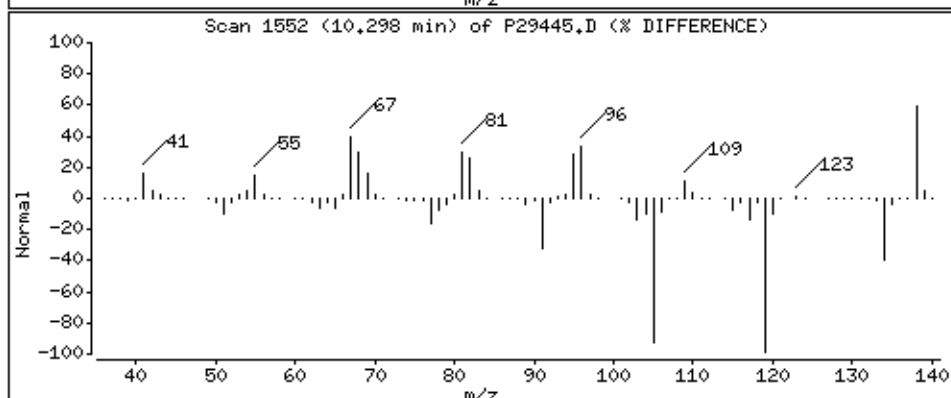
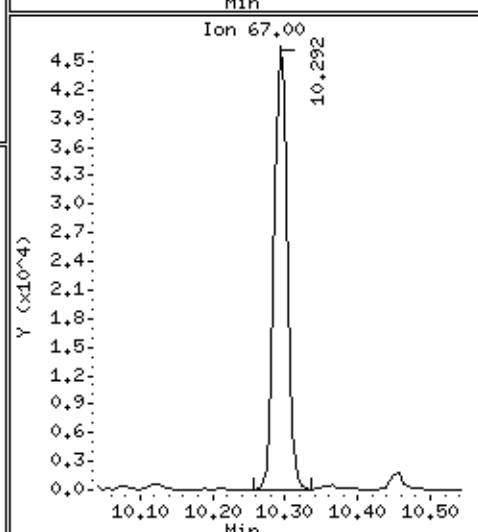
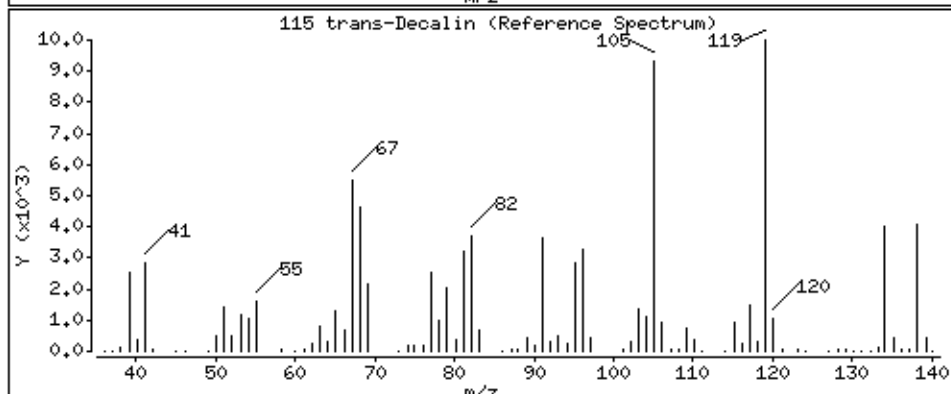
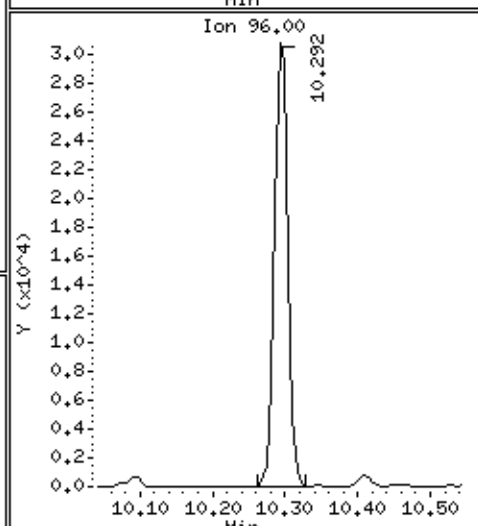
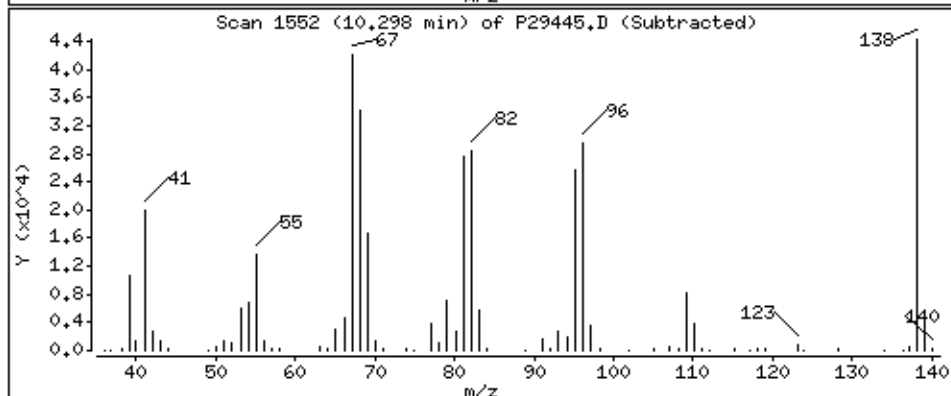
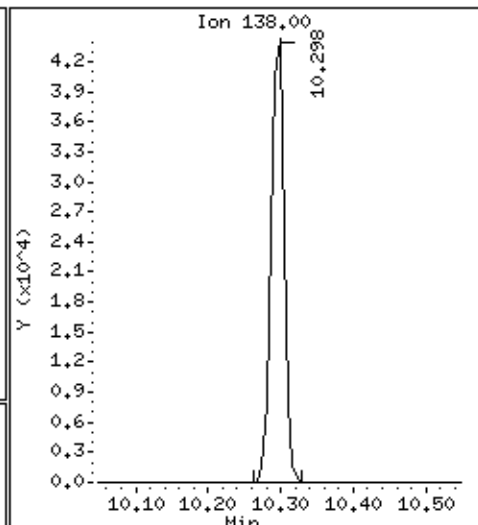
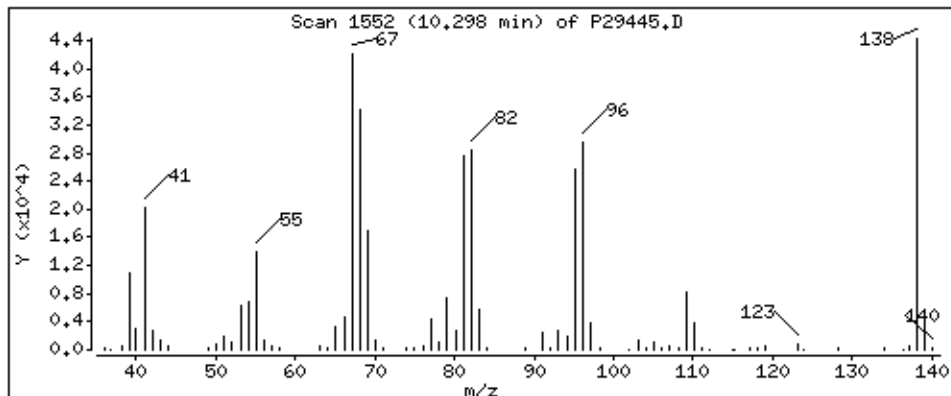
Column phase: RTX-624

Column diameter: 0,18

115 trans-Decalin

Concentration: 41.4 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

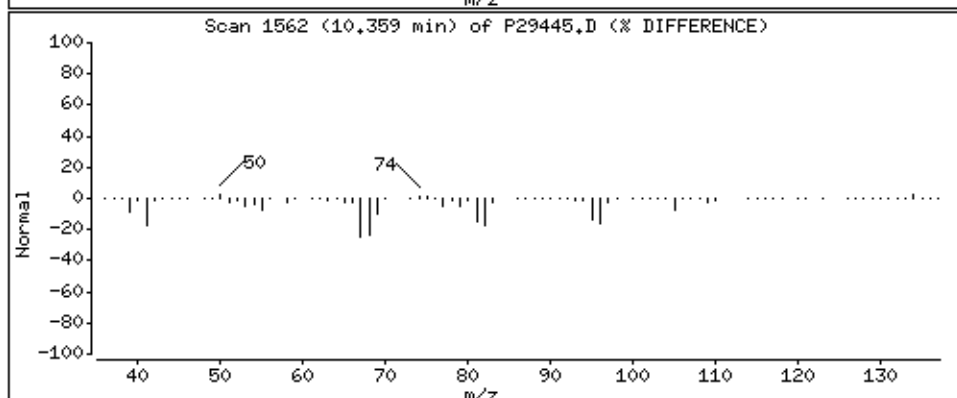
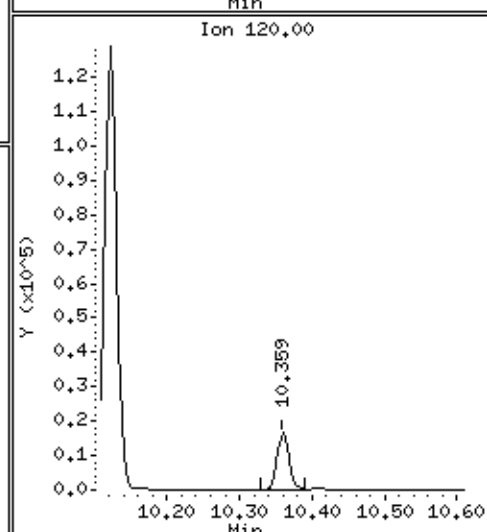
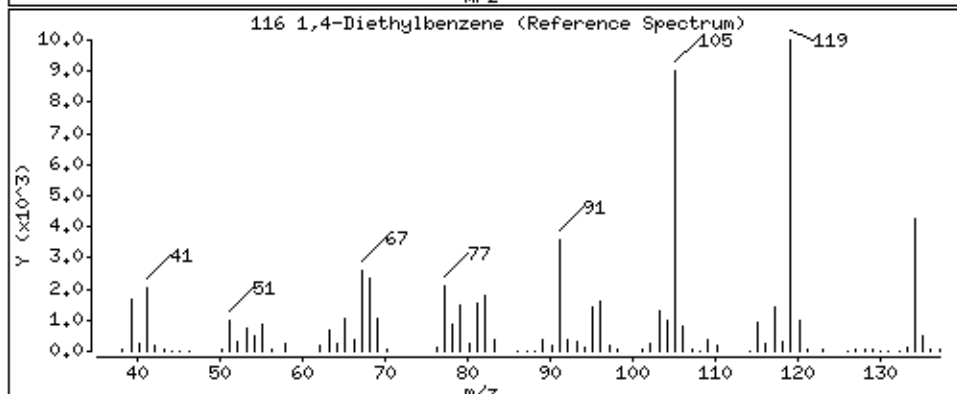
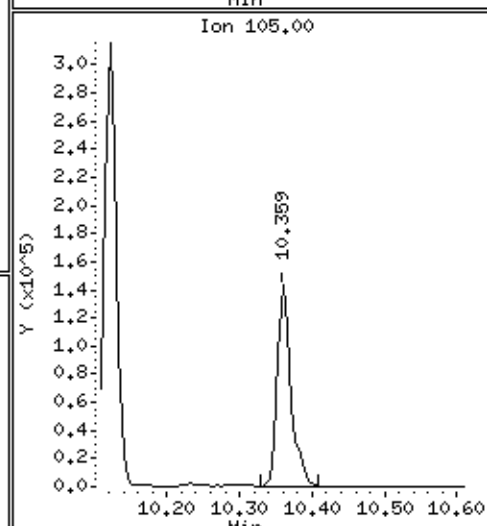
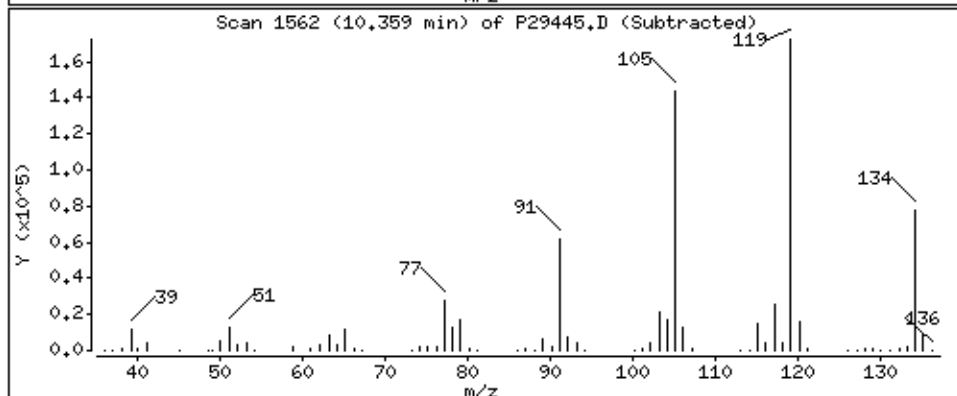
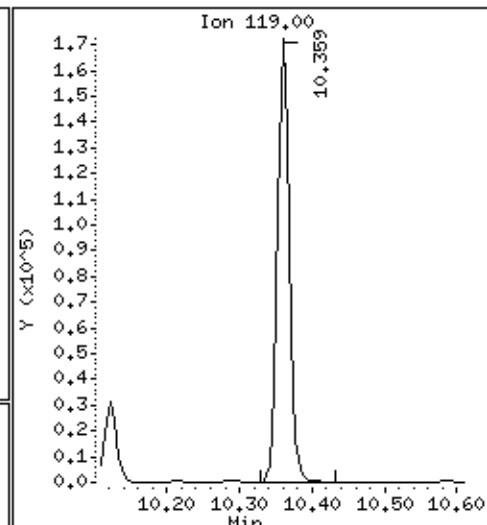
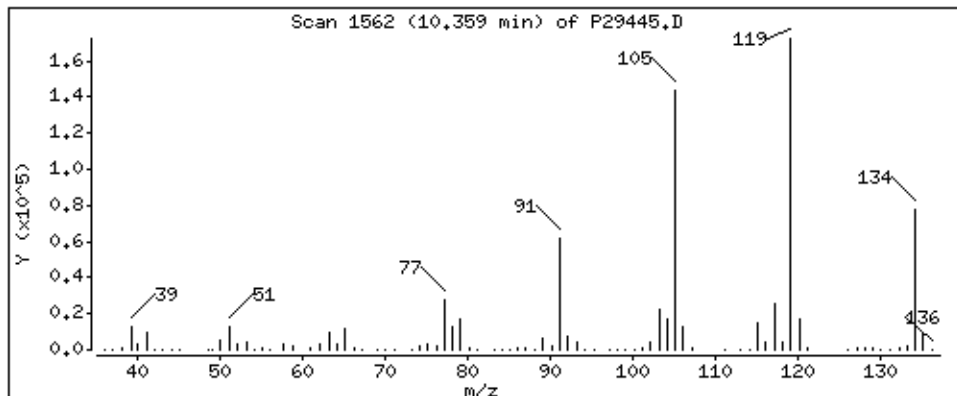
Column phase: RTX-624

Column diameter: 0,18

116 1,4-Diethylbenzene

Concentration: 41.3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

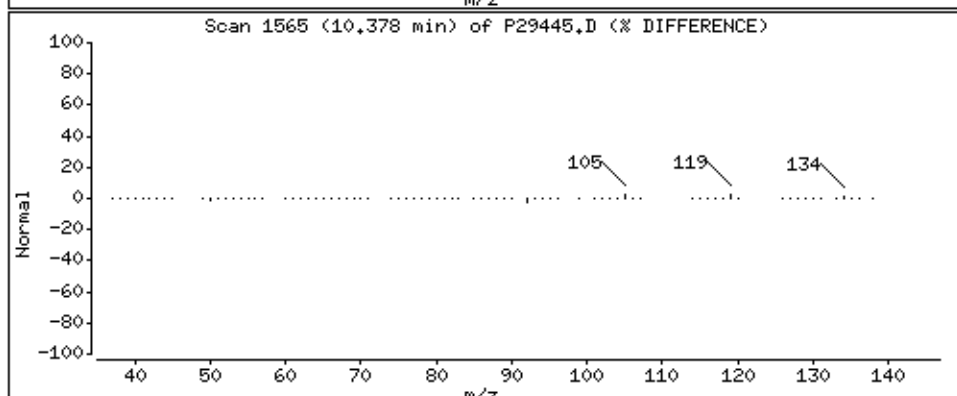
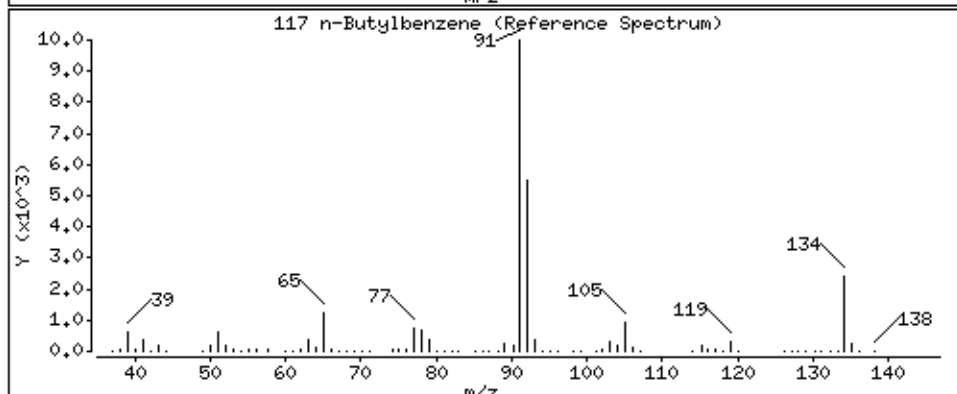
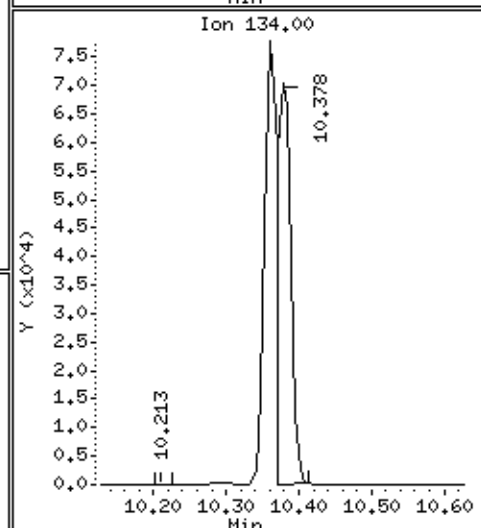
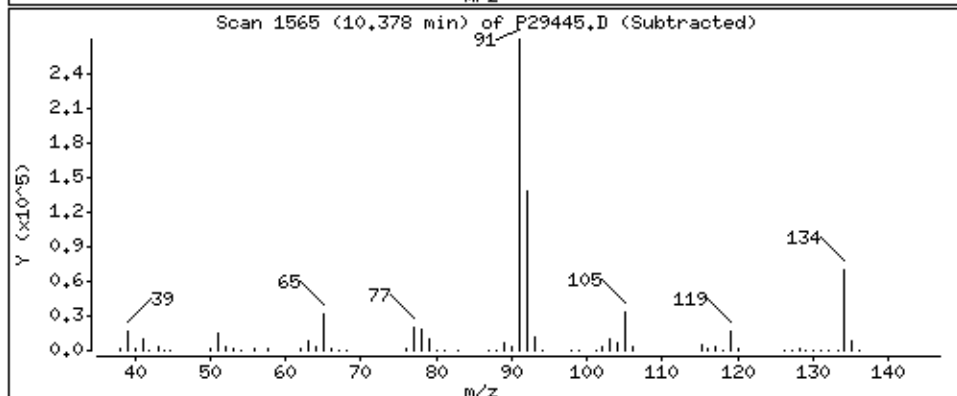
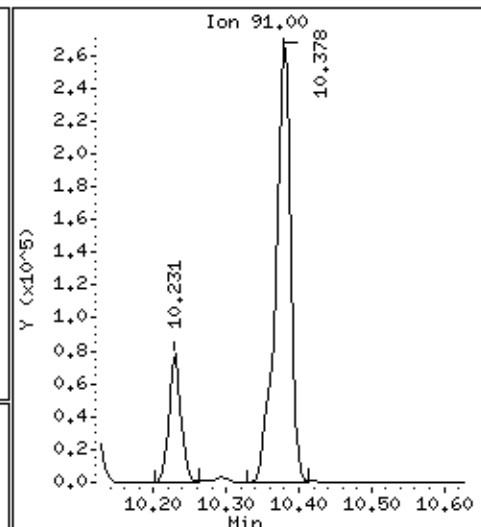
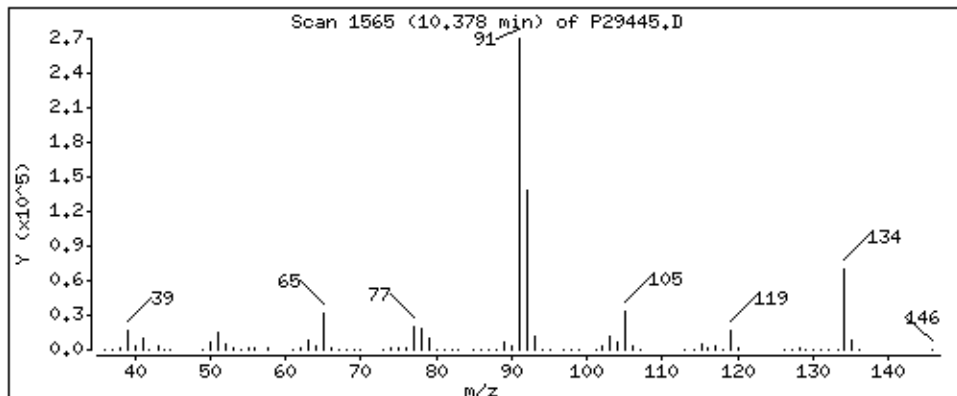
Column phase: RTX-624

Column diameter: 0.18

117 n-Butylbenzene

Concentration: 40.6 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

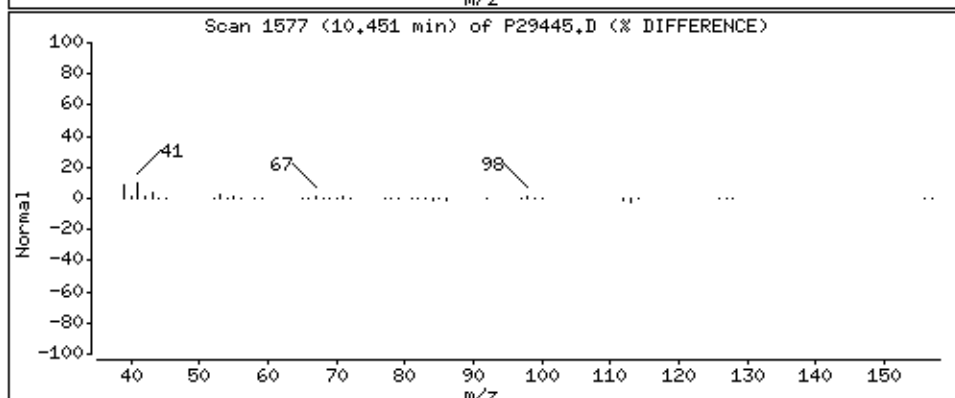
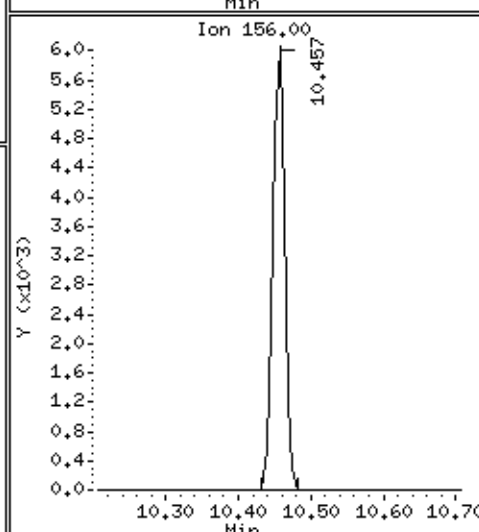
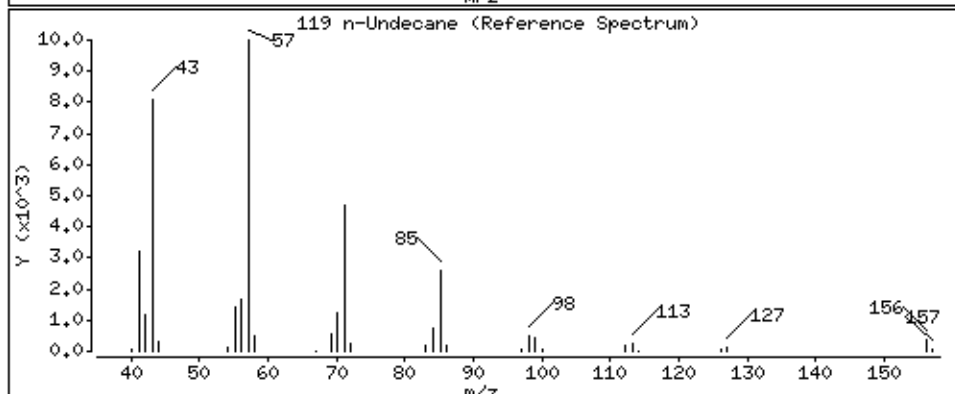
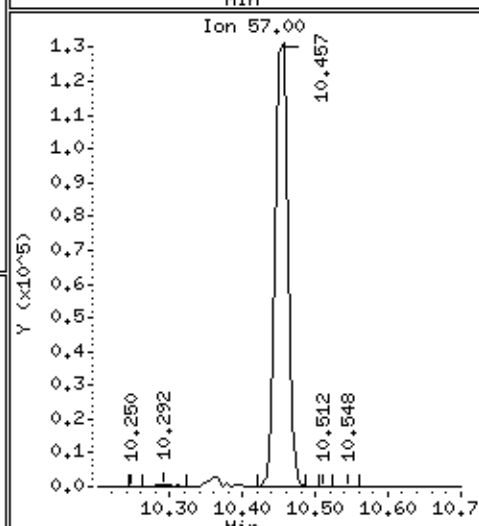
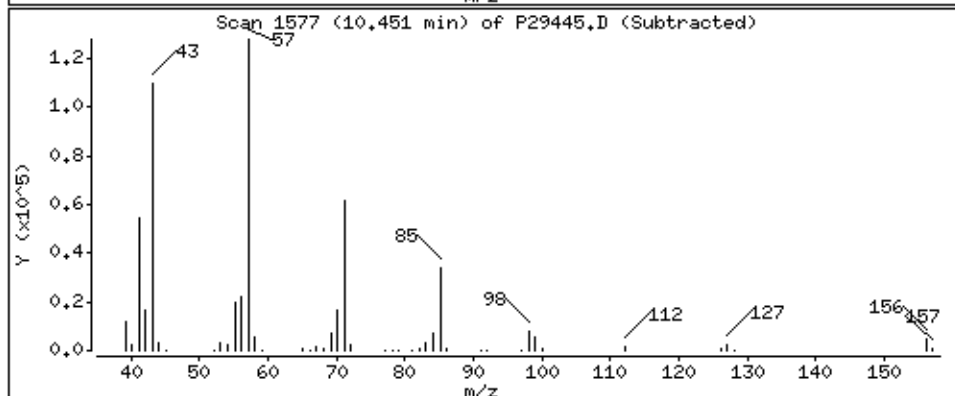
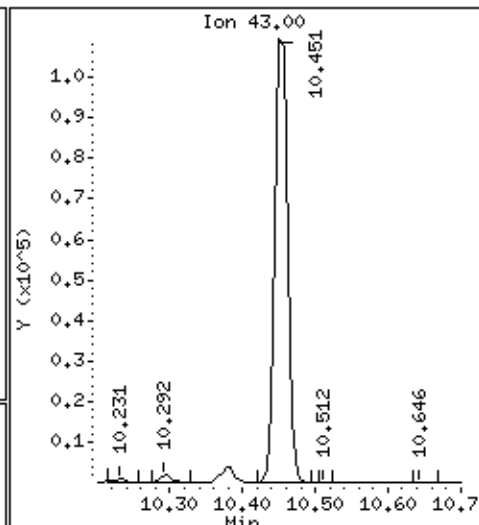
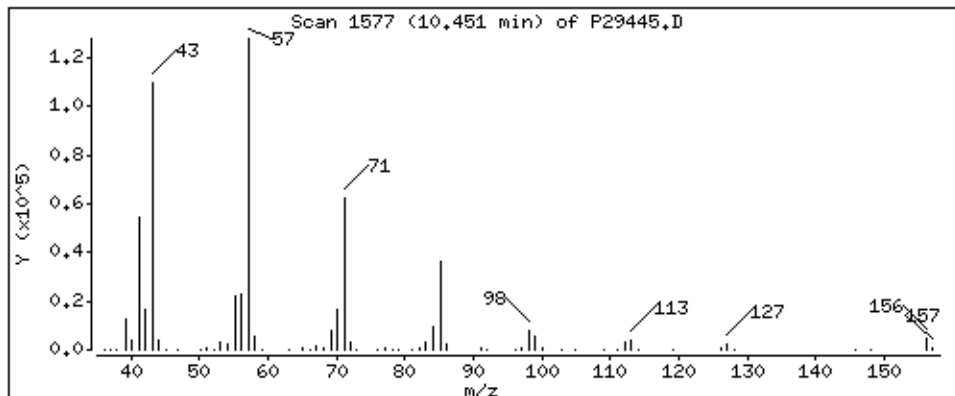
Column phase: RTX-624

Column diameter: 0,18

119 n-Undecane

Concentration: 154 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

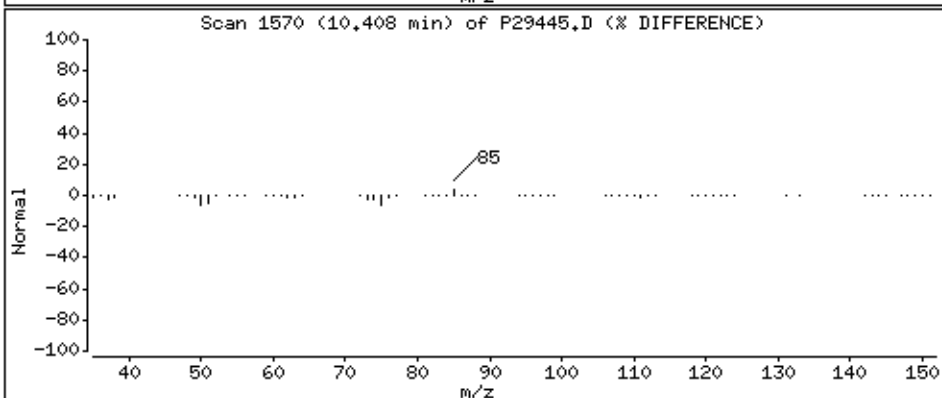
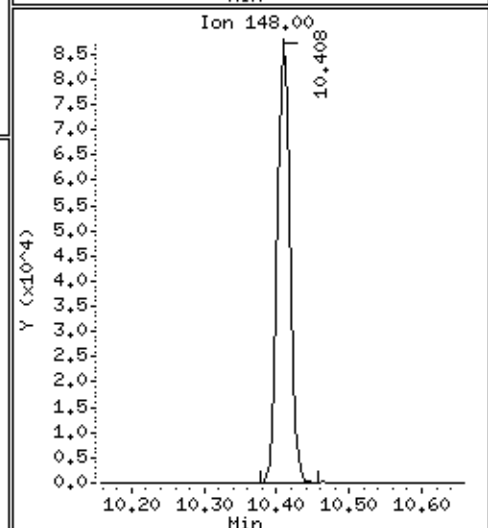
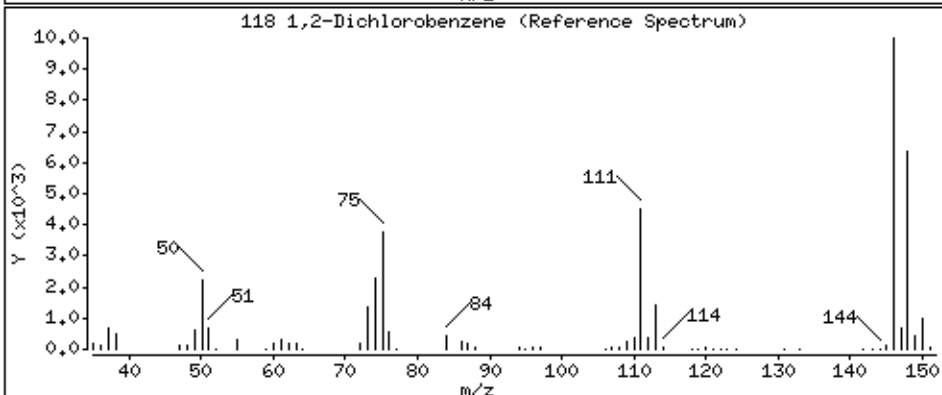
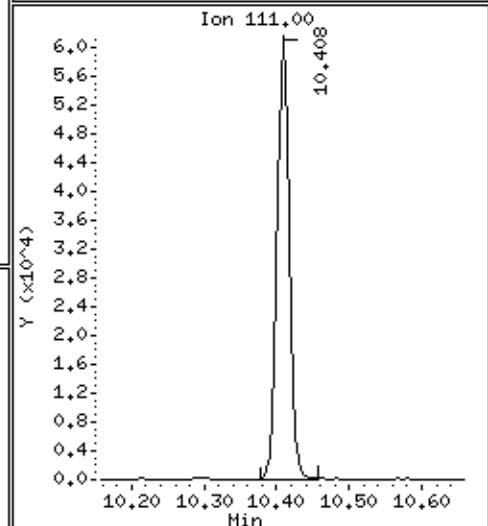
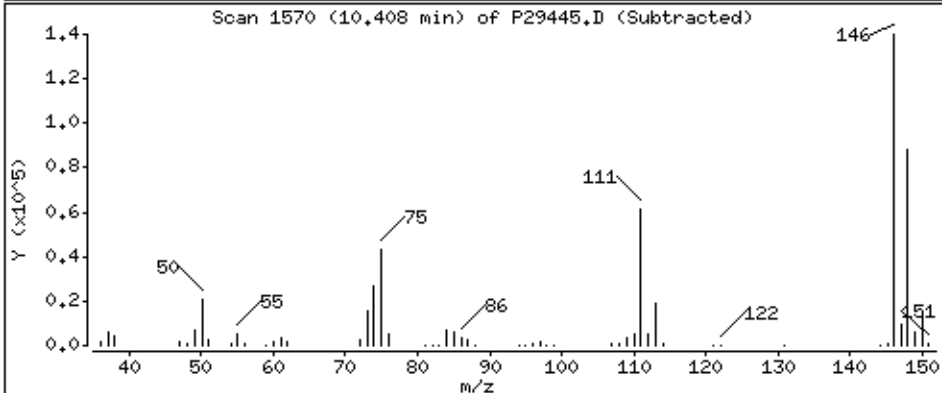
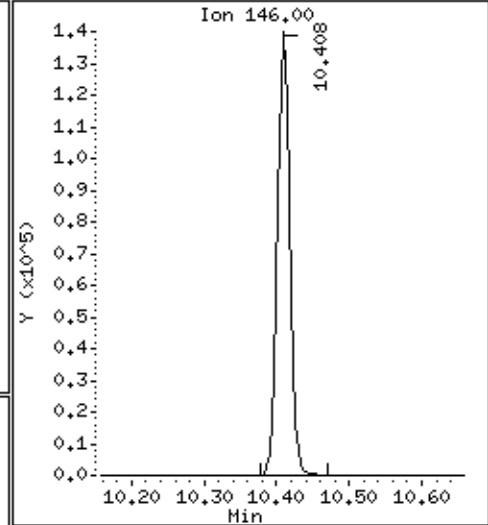
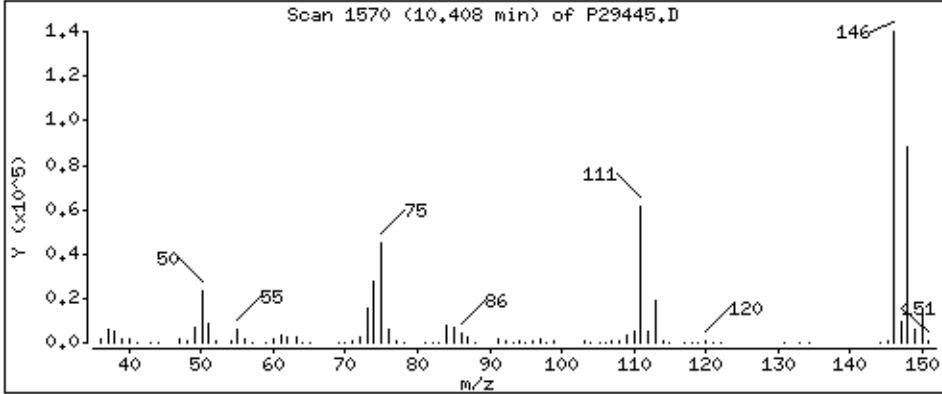
Column phase: RTX-624

Column diameter: 0,18

118 1,2-Dichlorobenzene

Concentration: 46,3 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

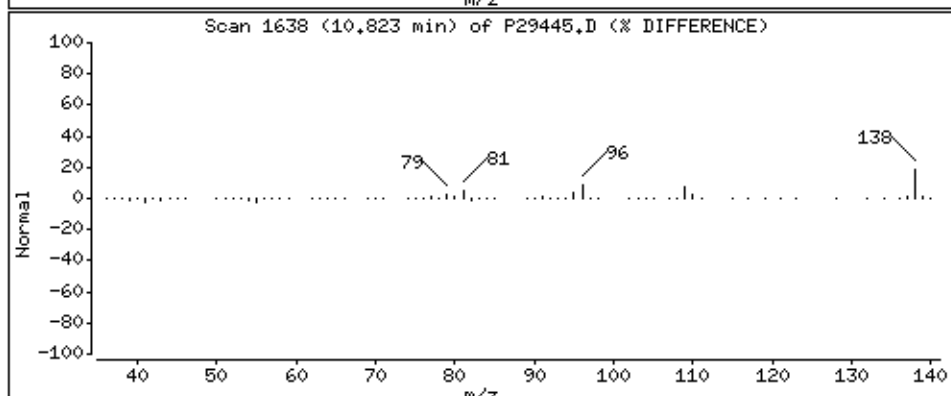
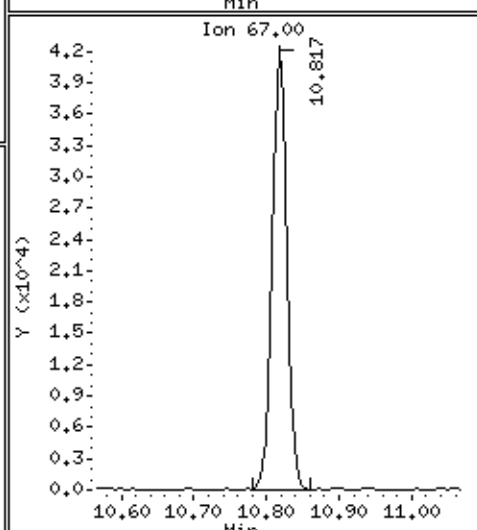
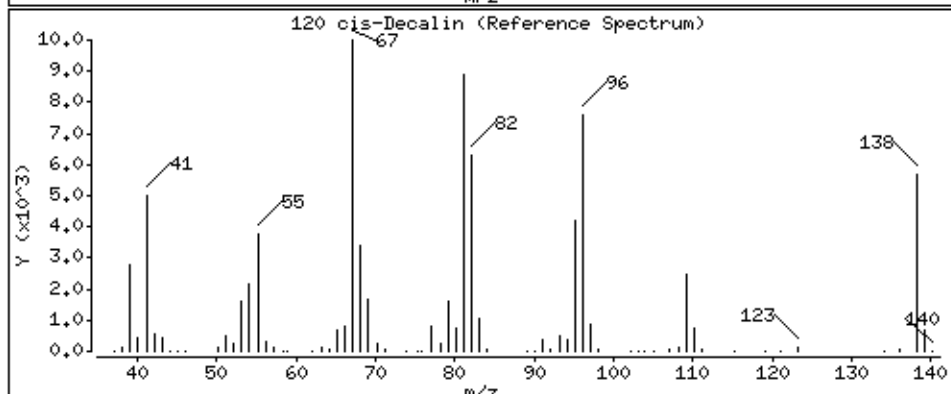
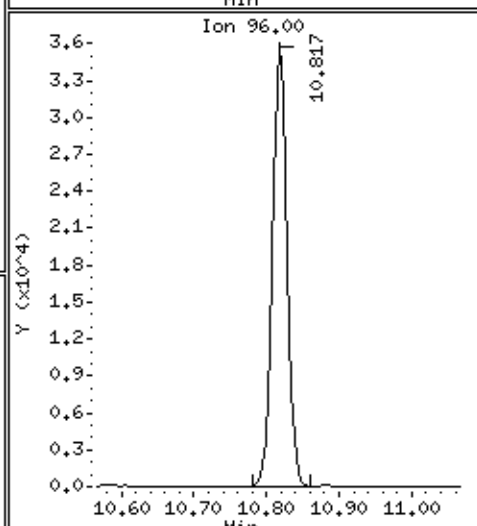
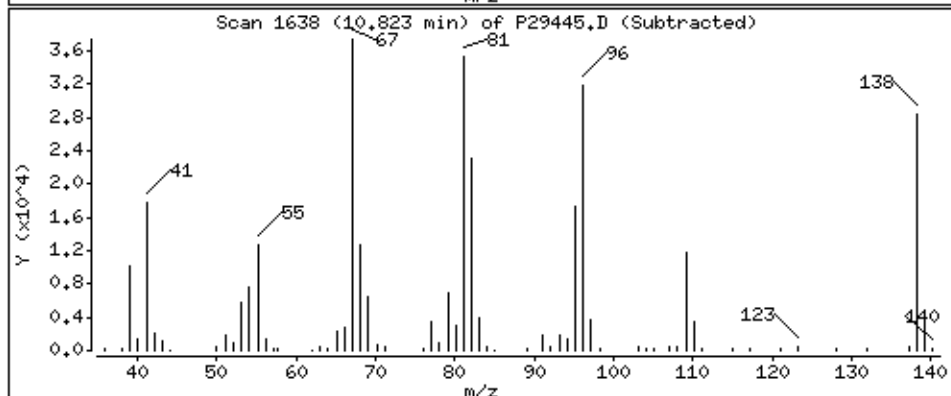
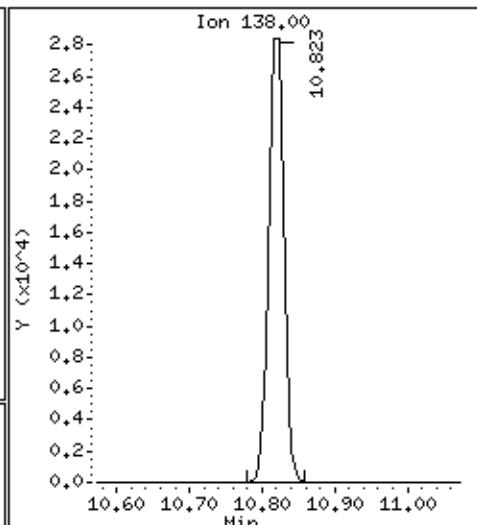
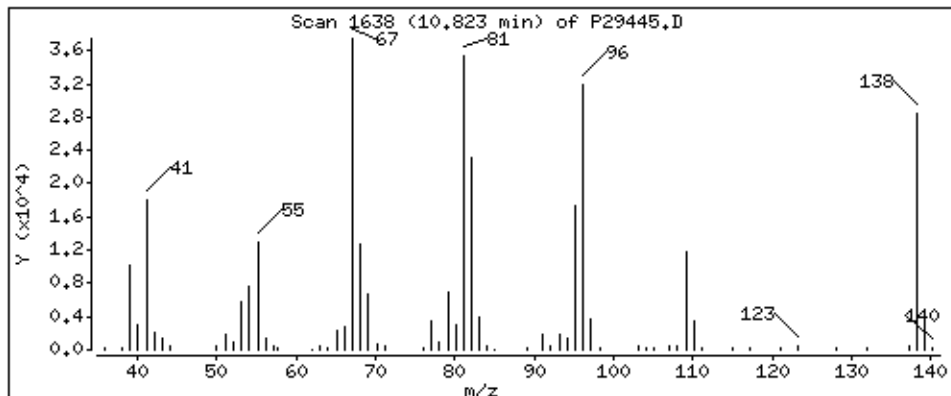
Column phase: RTX-624

Column diameter: 0,18

120 cis-Decalin

Concentration: 40,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

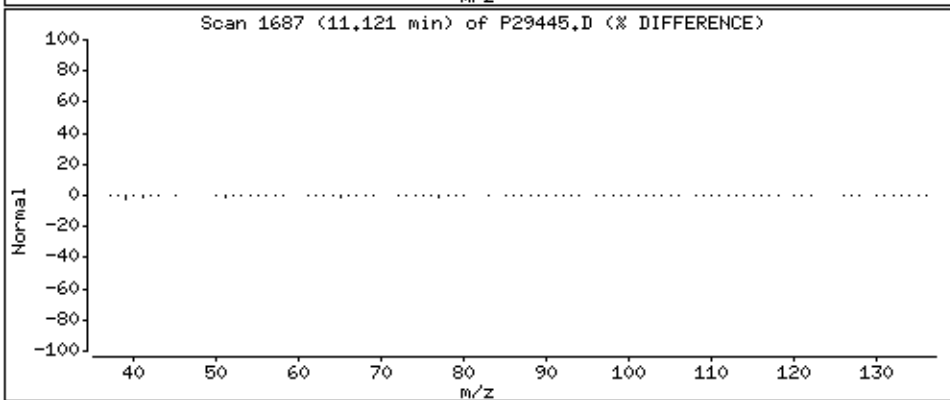
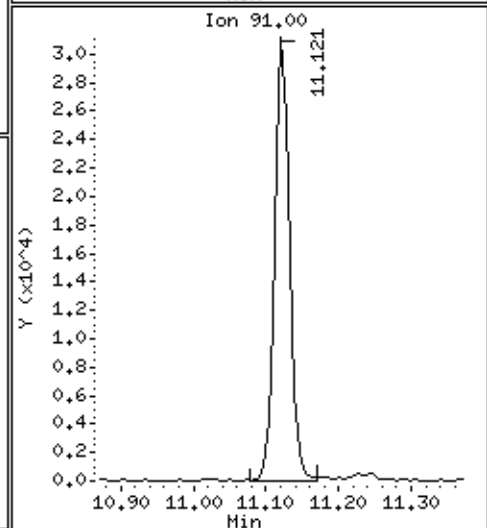
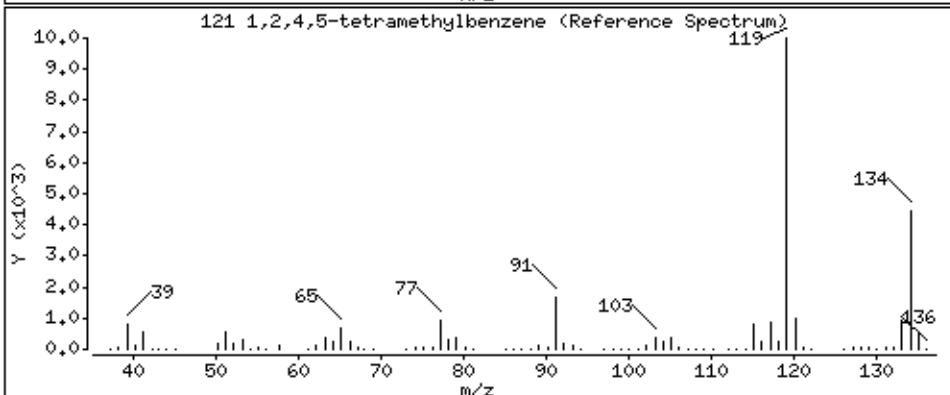
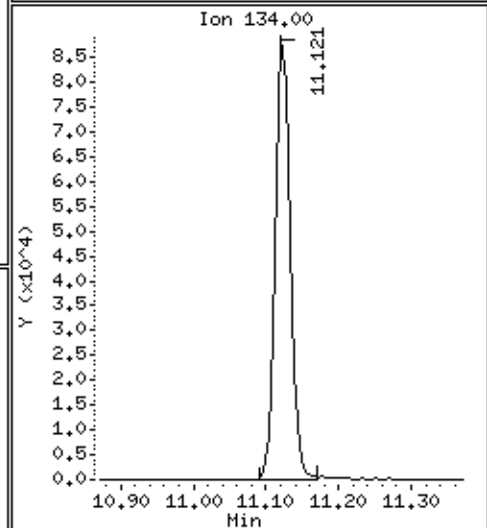
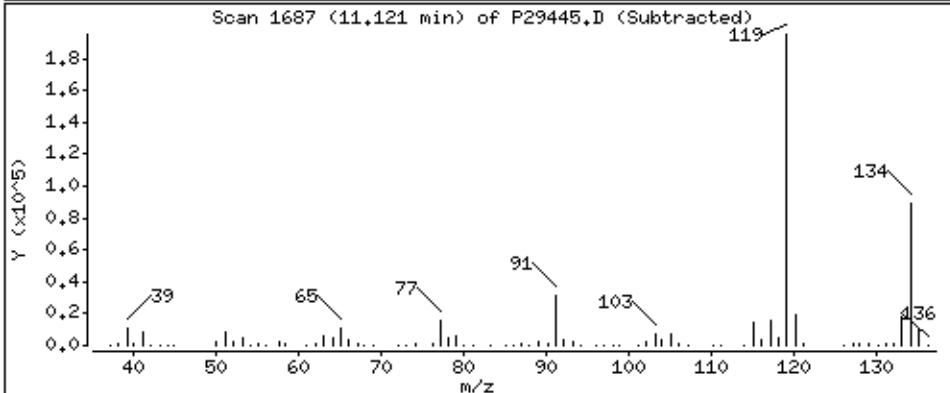
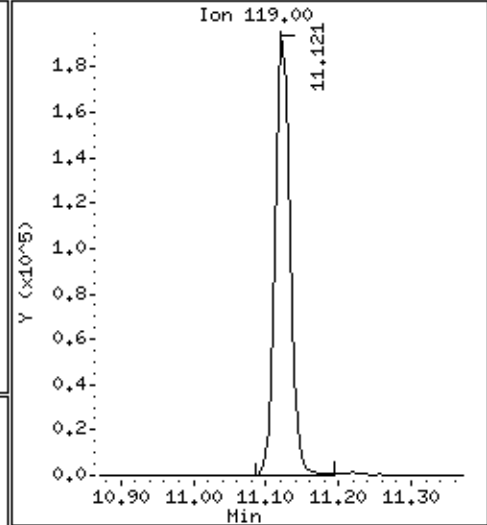
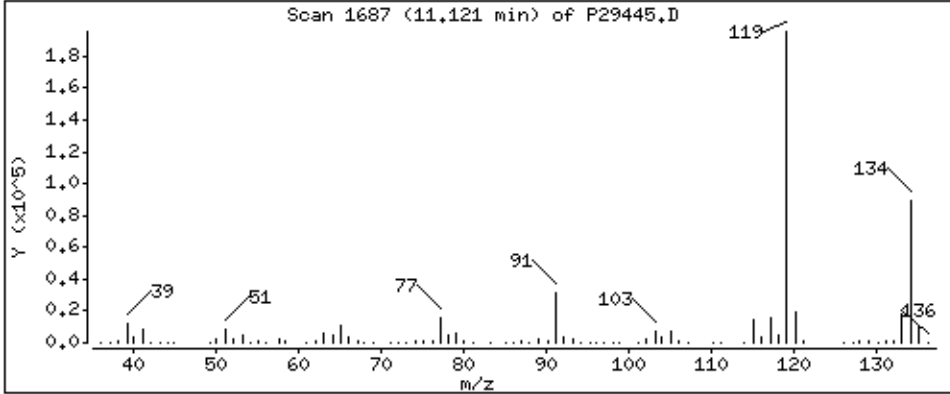
Column phase: RTX-624

Column diameter: 0,18

121 1,2,4,5-tetramethylbenzene

Concentration: 39,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1.25

Purge Volume: 5.0

Operator: BBL

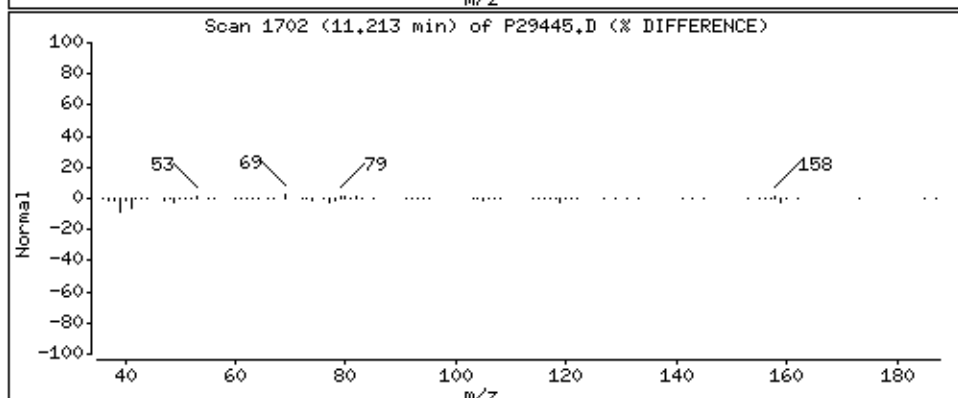
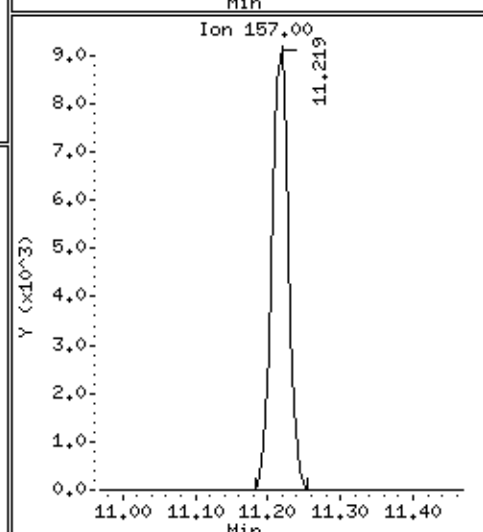
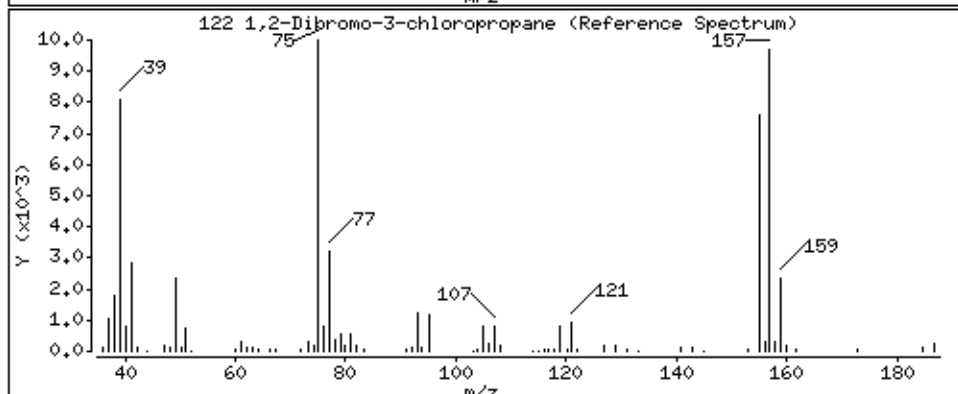
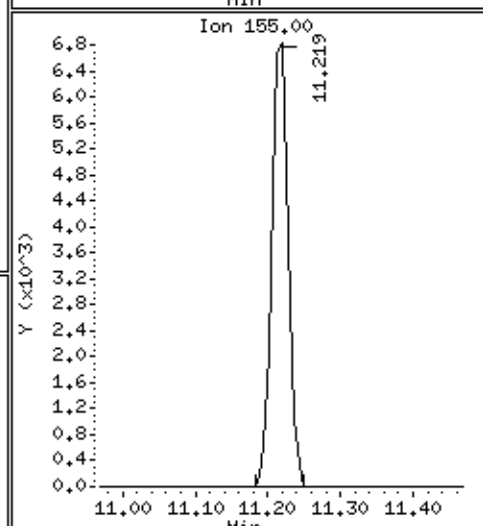
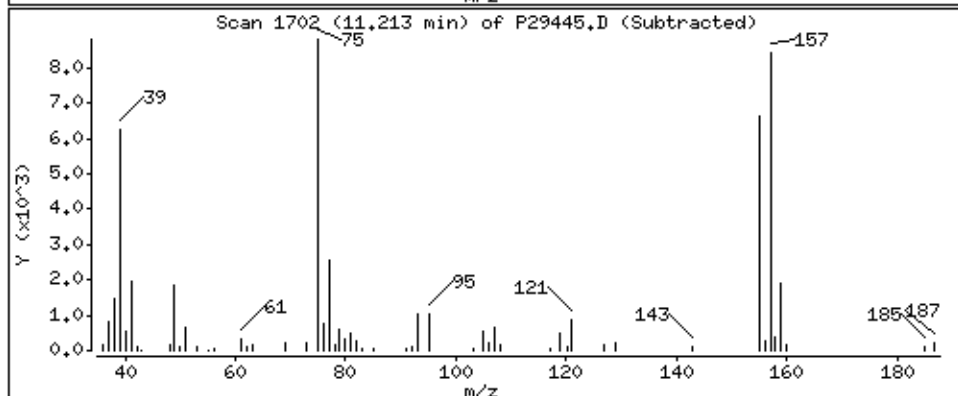
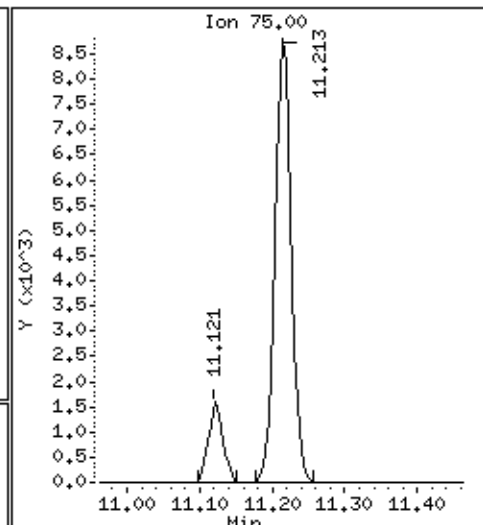
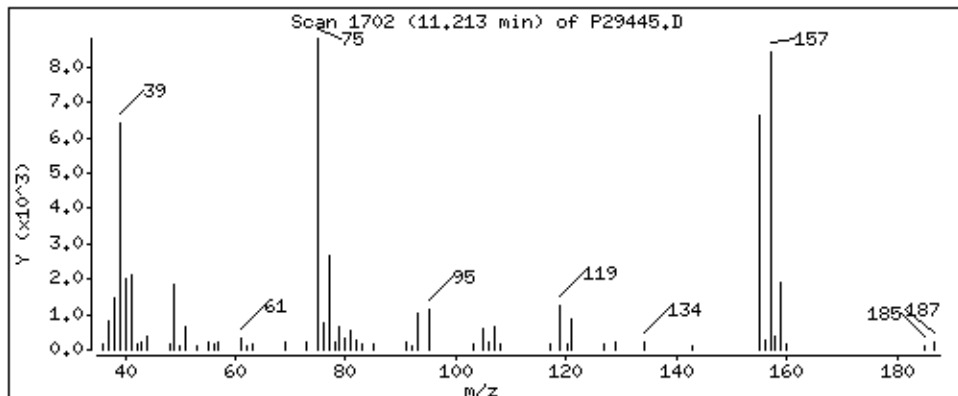
Column phase: RTX-624

Column diameter: 0.18

122 1,2-Dibromo-3-chloropropane

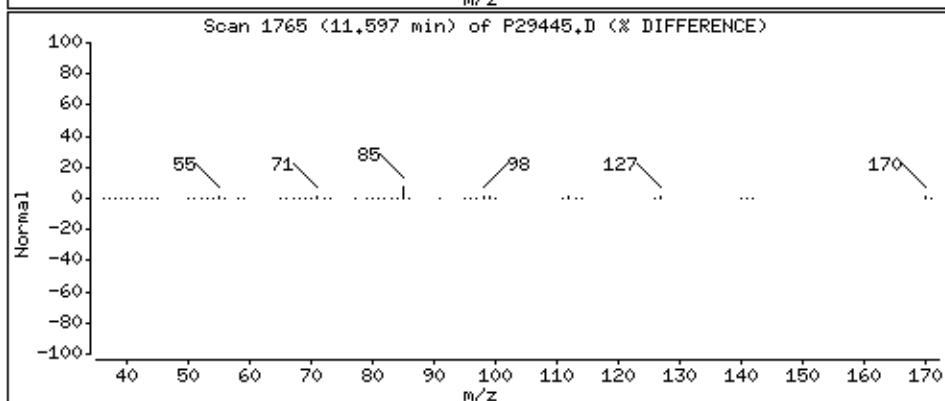
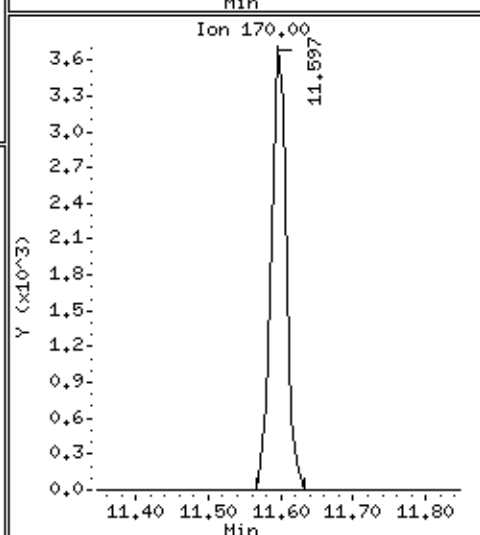
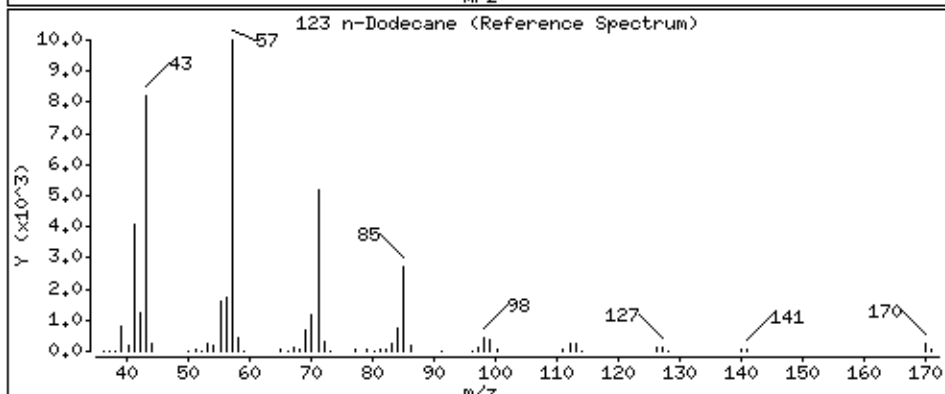
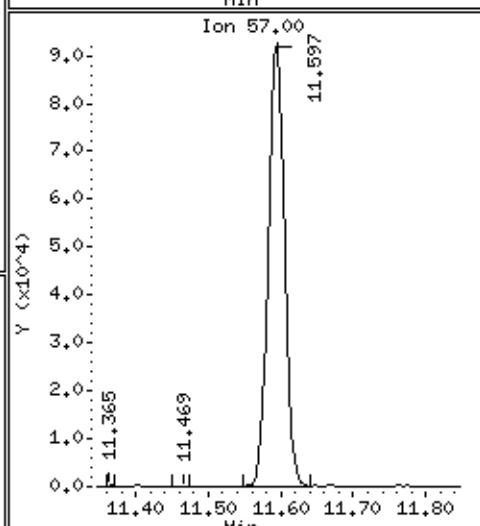
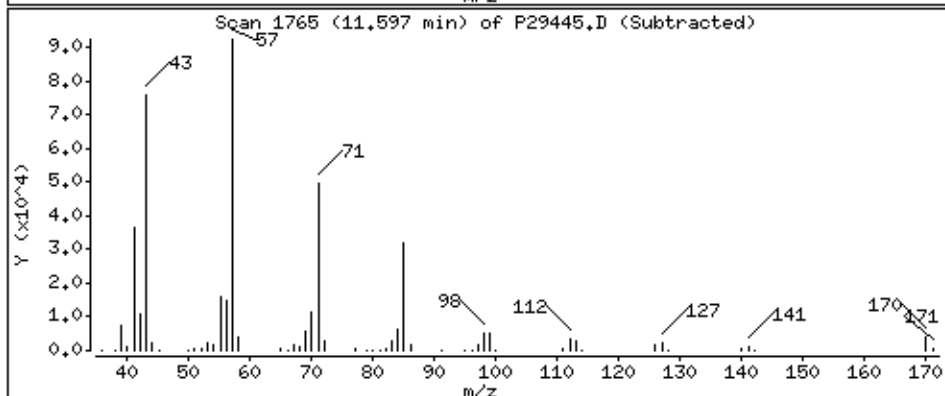
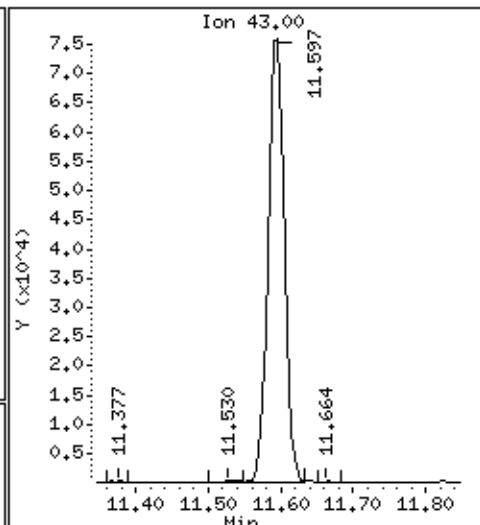
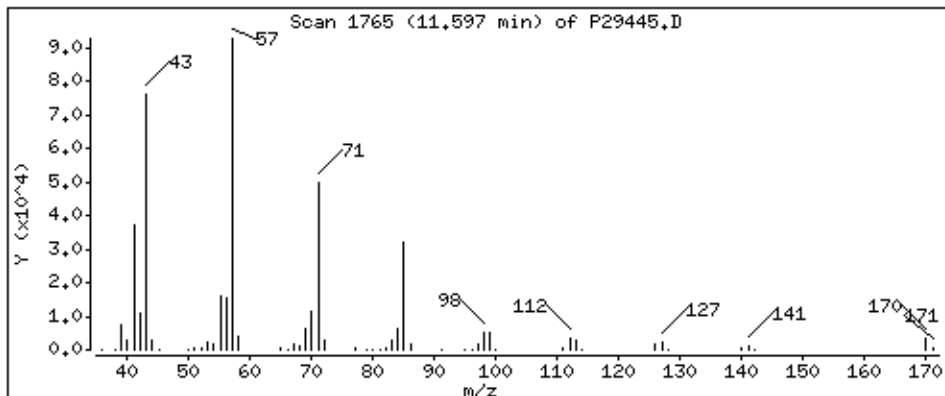
Concentration: 44.7 ug/L

Review Code:



123 n-Dodecane

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

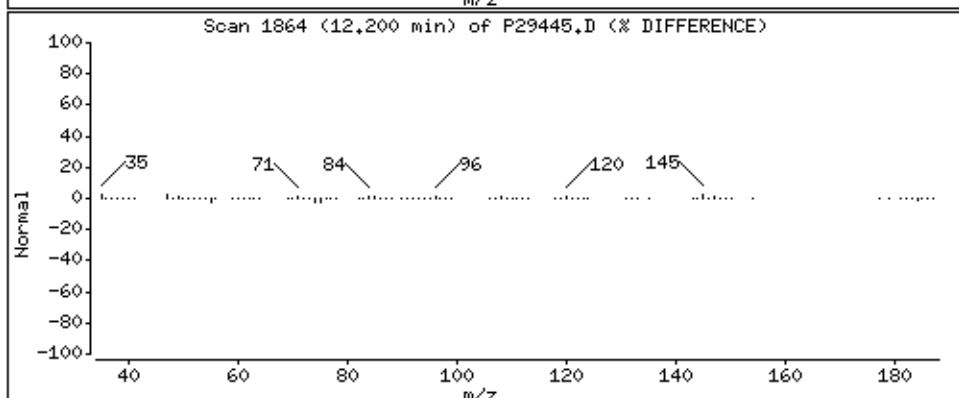
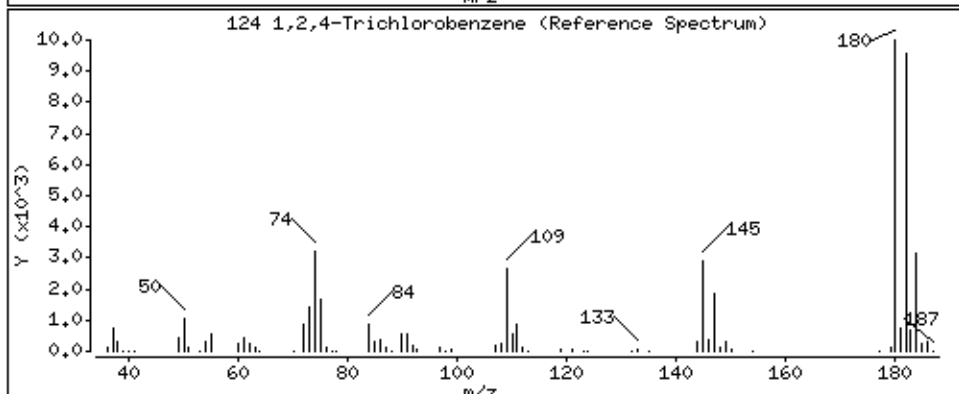
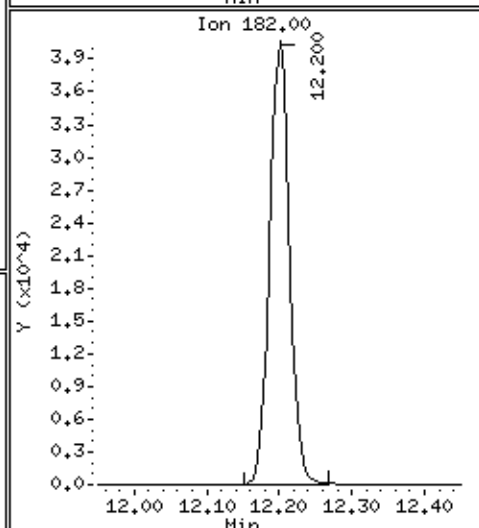
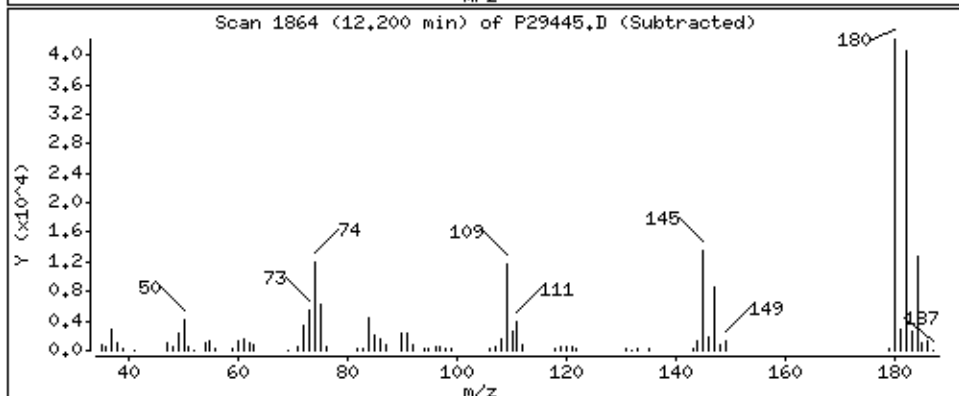
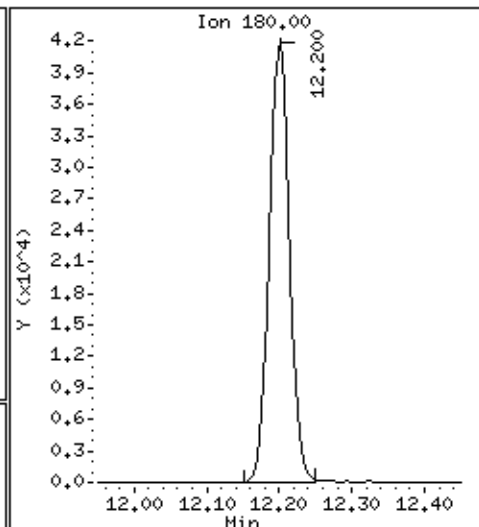
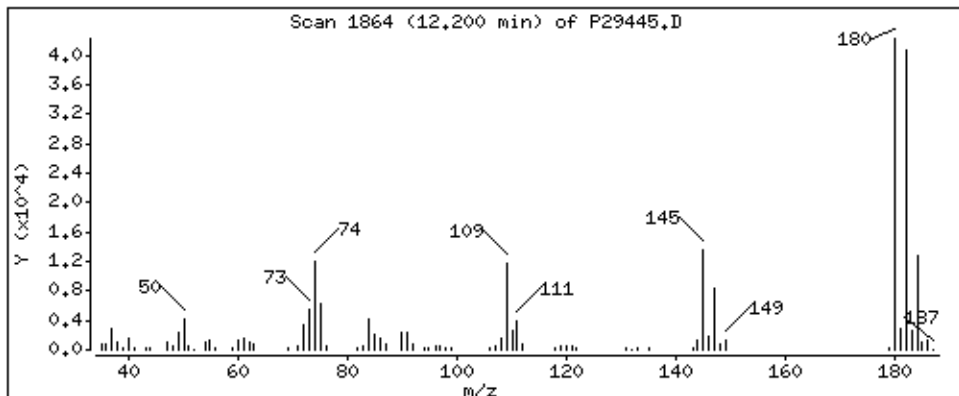
Column phase: RTX-624

Column diameter: 0,18

124 1,2,4-Trichlorobenzene

Concentration: 44,0 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

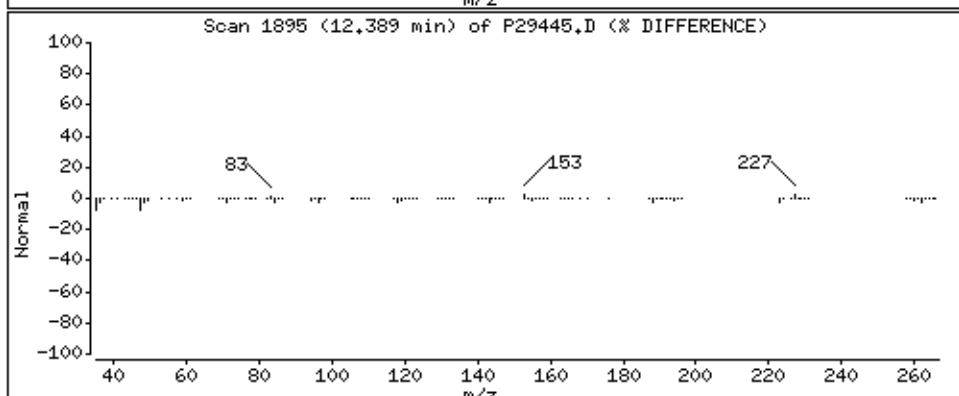
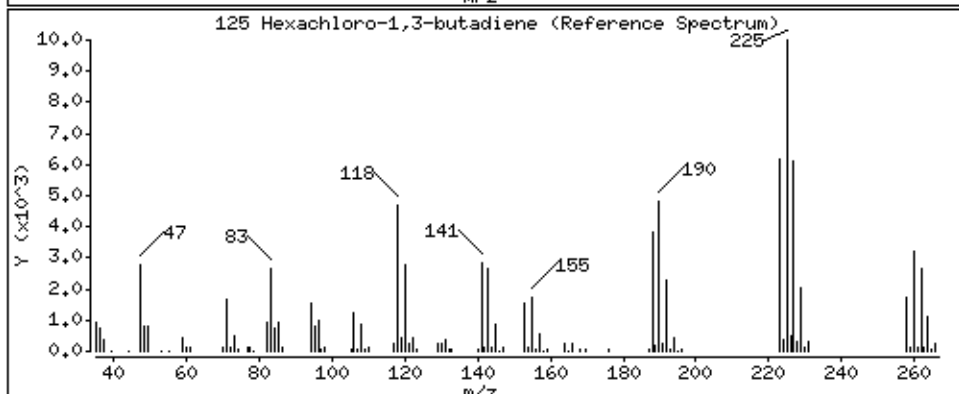
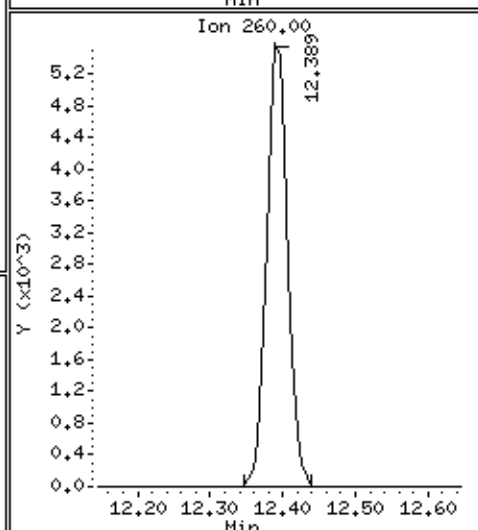
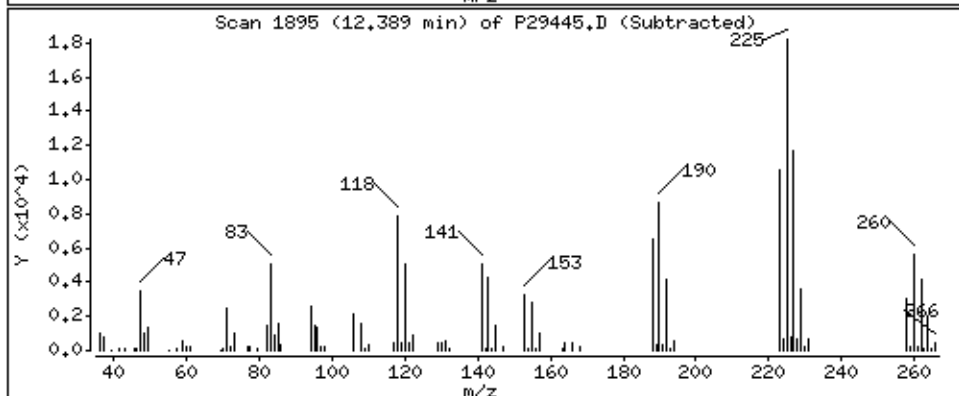
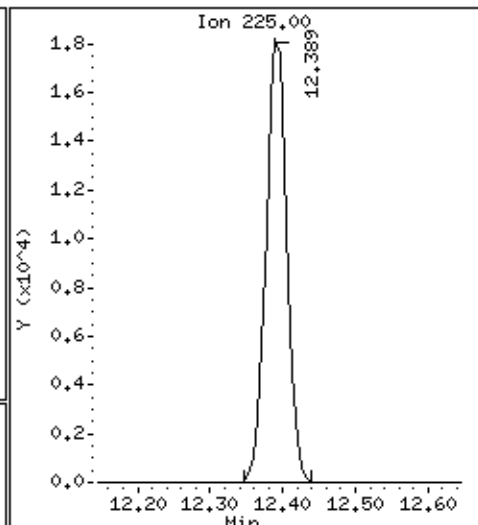
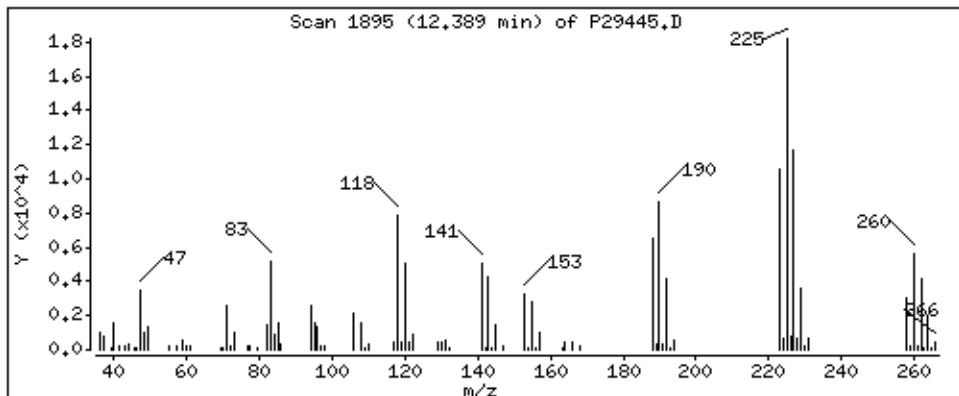
Column phase: RTX-624

Column diameter: 0,18

125 Hexachloro-1,3-butadiene

Concentration: 47,8 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

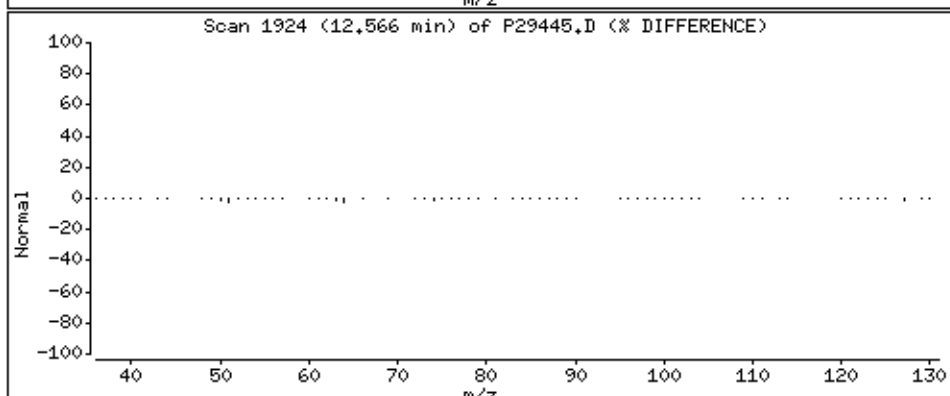
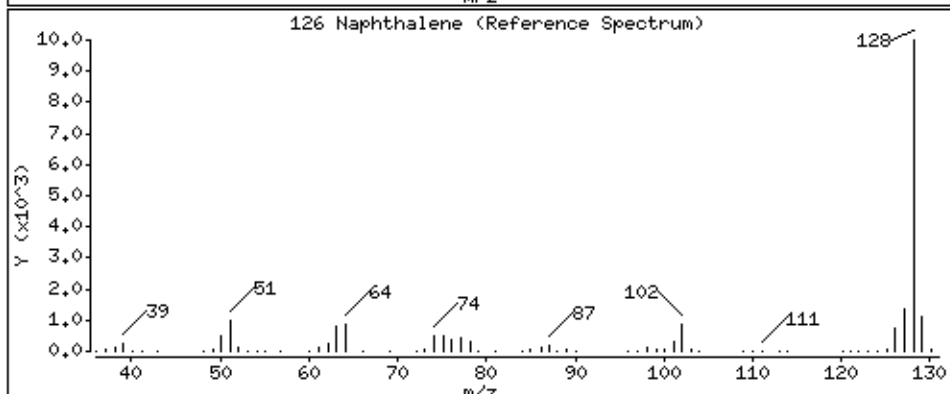
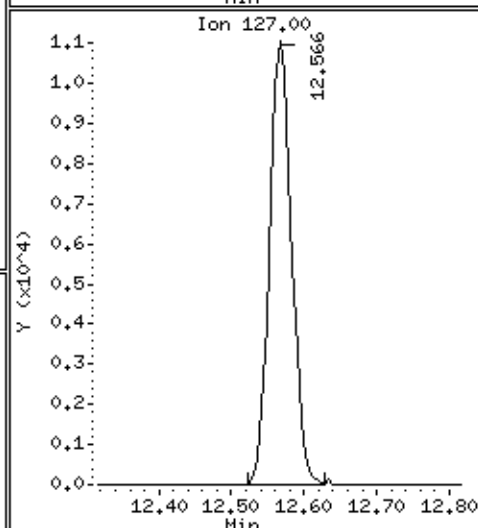
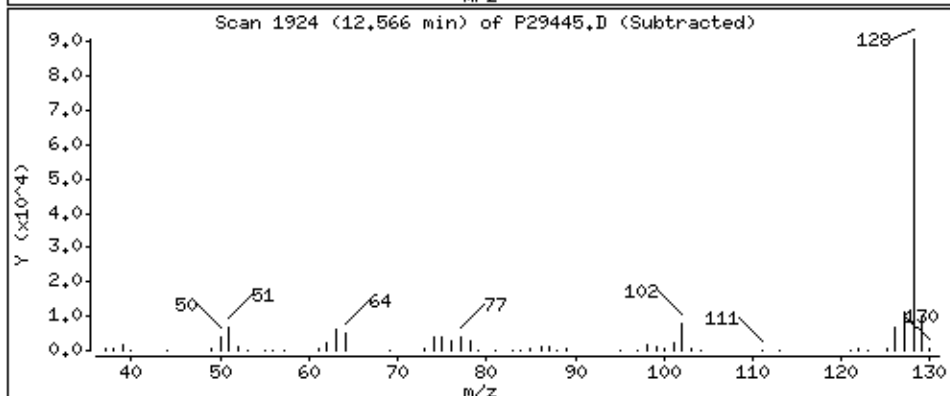
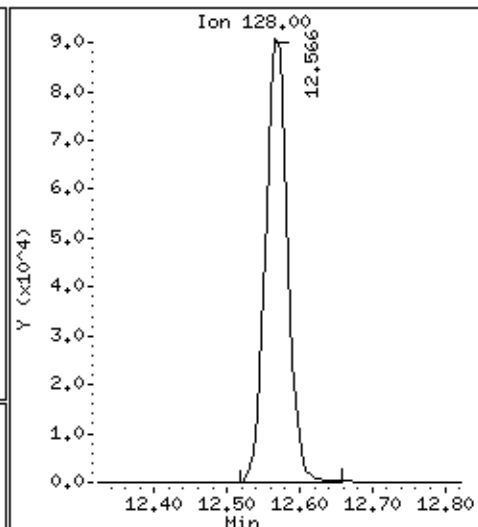
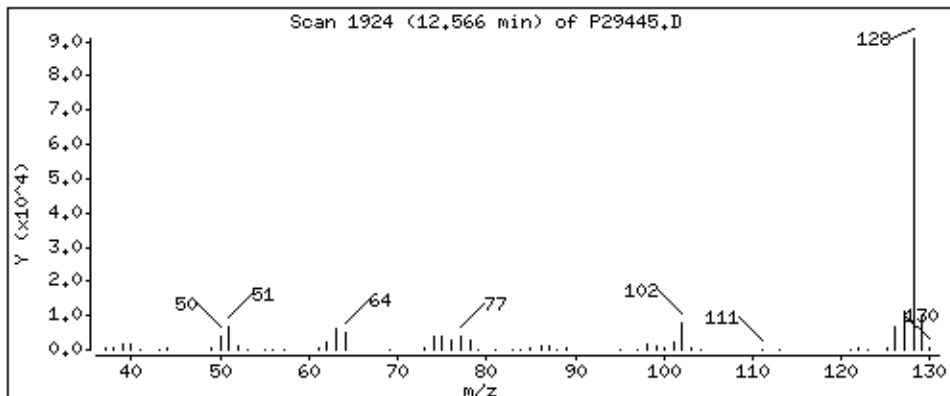
Column phase: RTX-624

Column diameter: 0,18

126 Naphthalene

Concentration: 44,7 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b\P29445.D

Date : 10-MAR-2021 18:42

Client ID: MW-14 MS/MSDMSD

Instrument: 70msv8.i

Sample Info: 982106, 106905;1,25

Purge Volume: 5.0

Operator: BBL

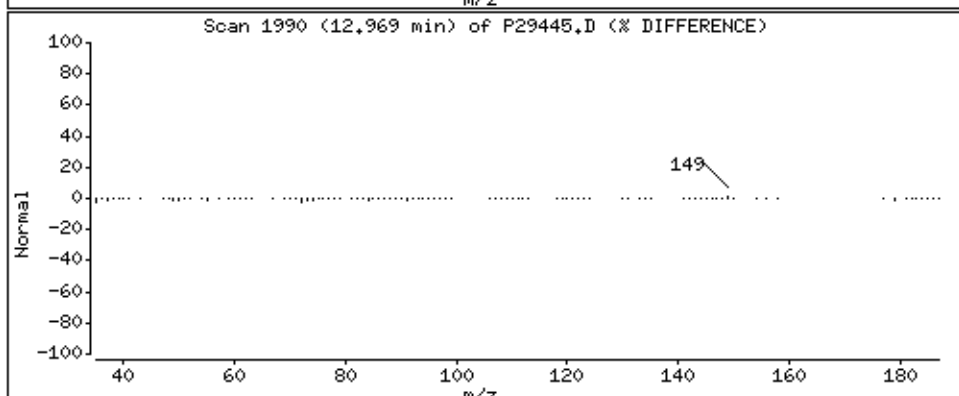
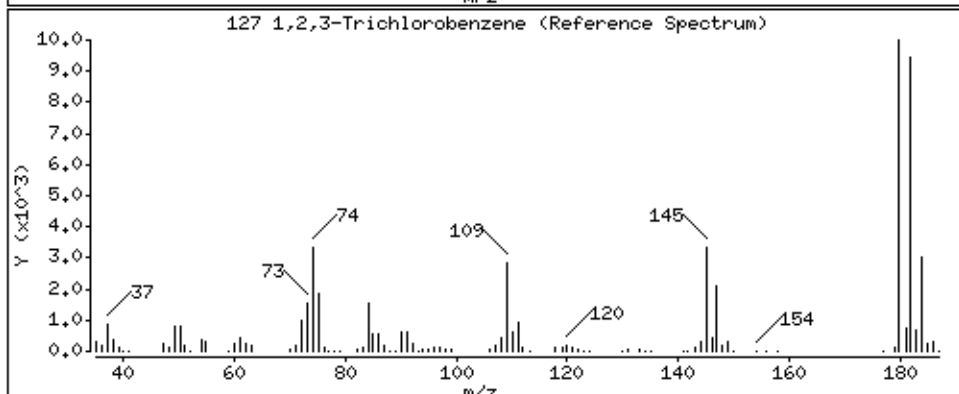
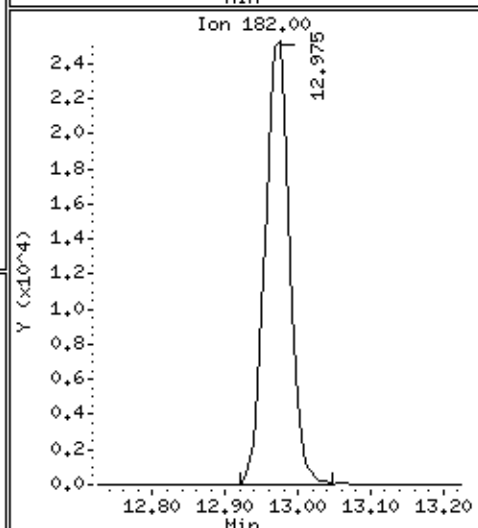
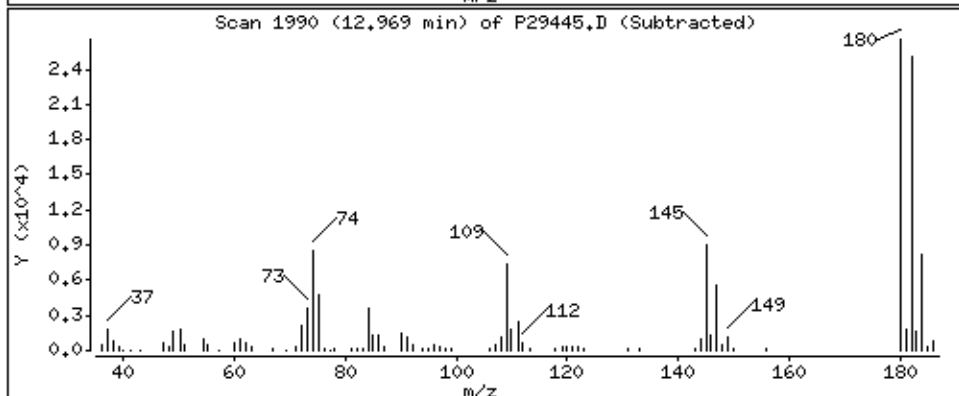
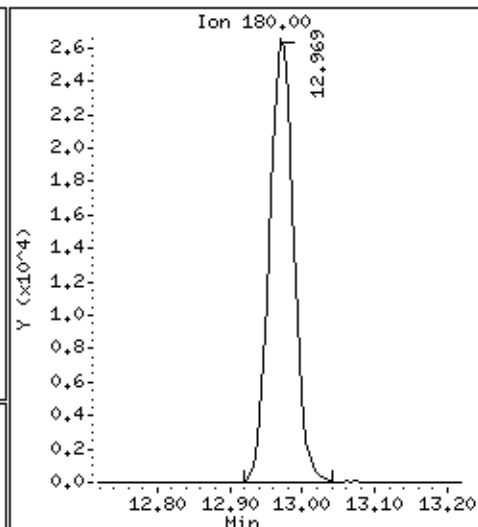
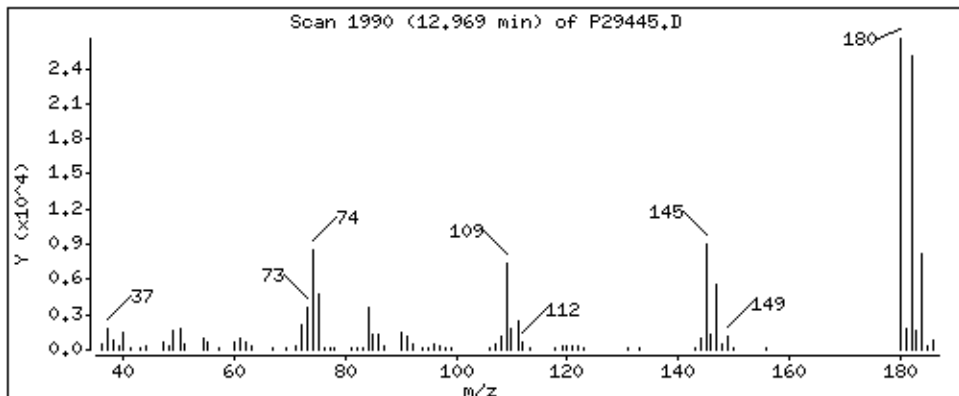
Column phase: RTX-624

Column diameter: 0,18

127 1,2,3-Trichlorobenzene

Concentration: 44,2 ug/L

Review Code:



Data File: \\v70wintarget\chem\70msv8.i\031021.b/P29445.D

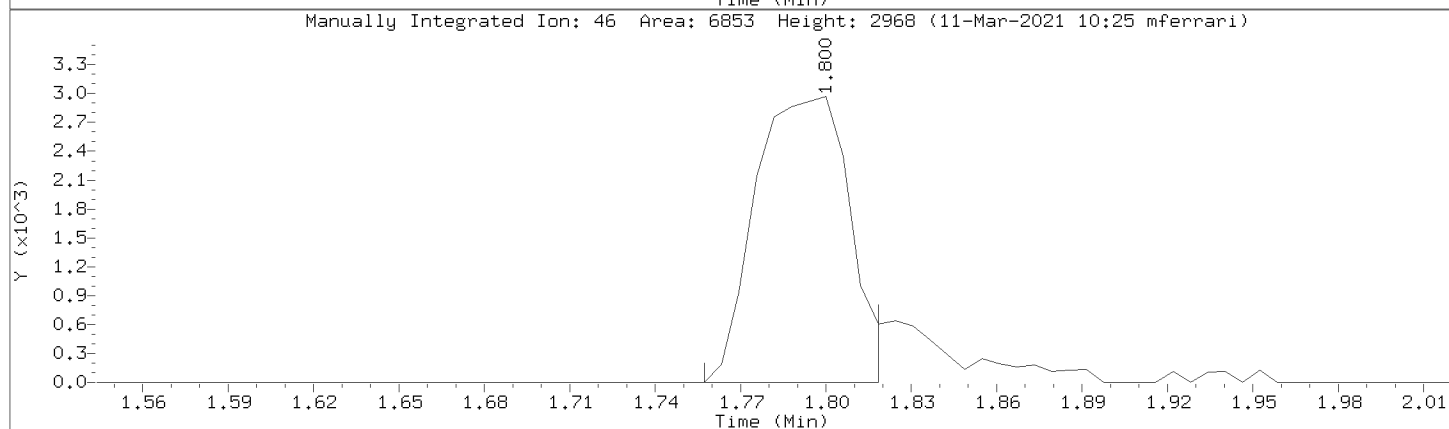
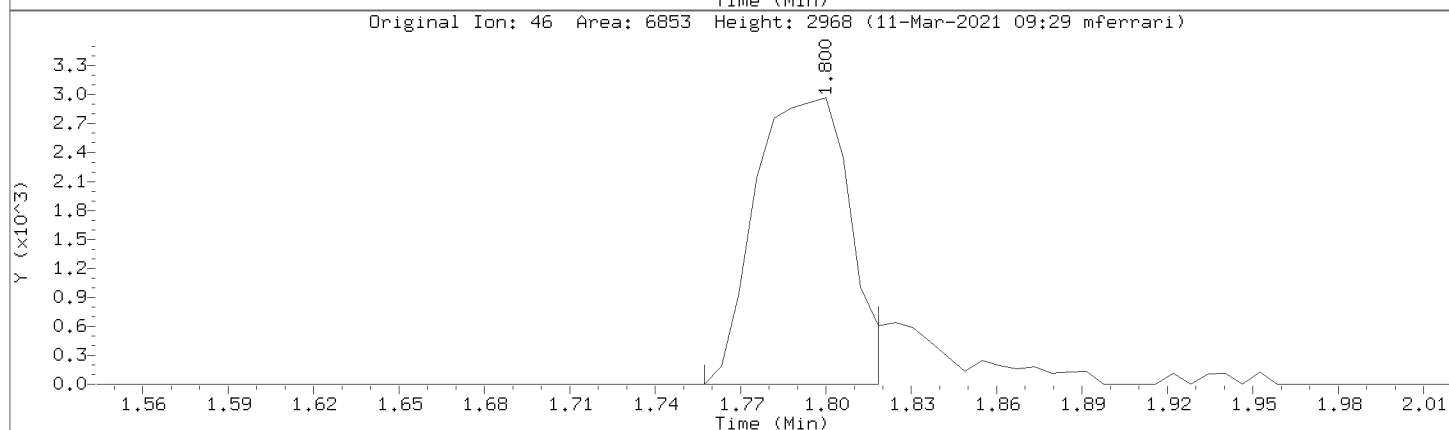
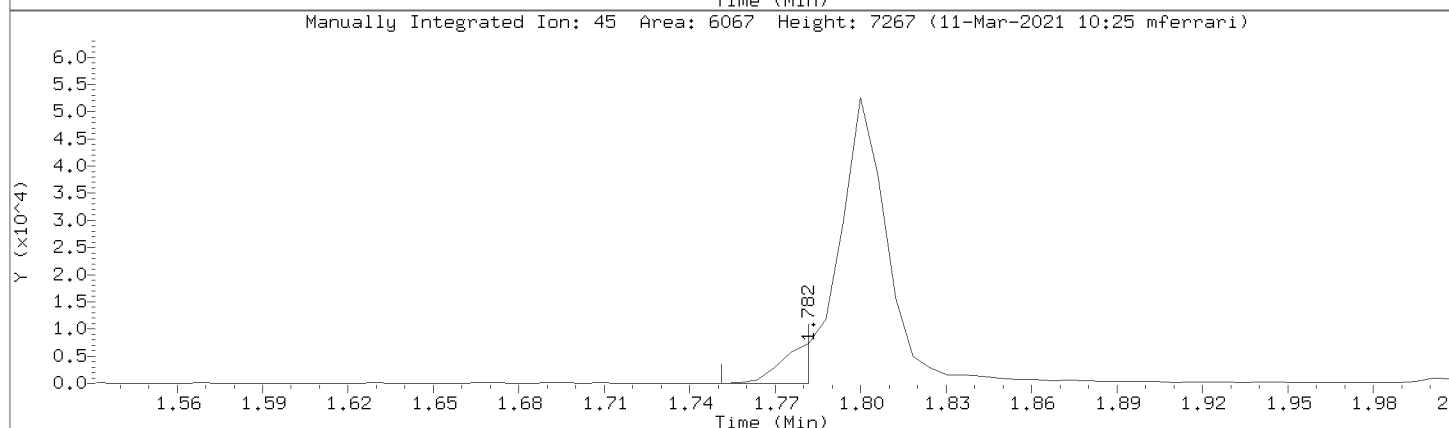
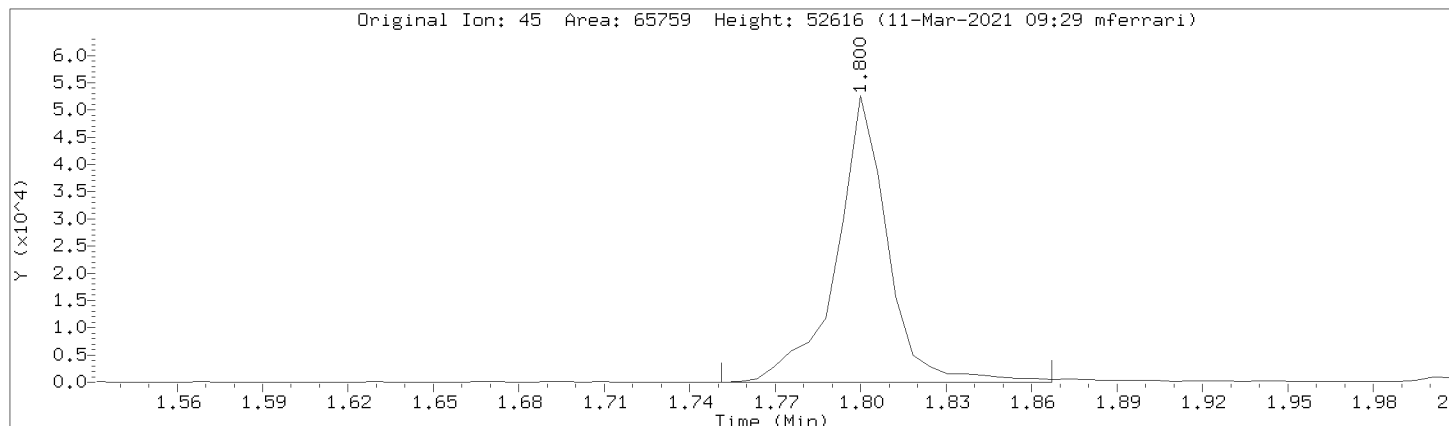
Injection Date: 10-MAR-2021 18:42

Instrument: 70msv8.i

Lab Sample ID: 982106

Compound: Ethanol Review Code: WP

CAS Number:



INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 70msv8.i
 Column RTX-624 20m X 0.18mm Helium
 Misc. Prep Info [L]:
 ISTD lot:
 Lot:
 Tune std: _____

Method: SW846-8260C/D/EPA 624.1
 Surr. lot: 93560:5
 Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	Method/Sublist	Date	Time	Oper	Comments
1/P24777.D	TUNE, 89546:1	L/6894	BFB	1	8260DBFB/all	7/07/20	14:33	HNW	X
1/P24778.D	TUNE, 93560:1	L/9446	BFB	1	DBFB/all	7/07/20	15:58	GKB	
1/P24779.D	TUNE, 93560:1	L/9446	BFB	1	DBFB/all	7/07/20	16:24	GKB	✓
1/P24780.D	CAL1, 93561:1	L/9446	CALIB_1	1	070720_8260W/8	7/07/20	16:50	GKB	✓
1/P24781.D	CAL2, 93562:1	L/9446	CALIB_2	1	070720_8260W/8	7/07/20	17:13	GKB	✓
1/P24782.D	CAL3, 93563:1	L/9446	CALIB_3	1	070720_8260W/8	7/07/20	17:36	GKB	✓
1/P24783.D	CAL4, 93564:1	L/9446	CALIB_4	1	070720_8260W/8	7/07/20	17:59	GKB	✓
1/P24784.D	CAL5, 93565:1	L/9446	CALIB_5	1	070720_8260W/8	7/07/20	18:22	GKB	✓
1/P24785.D	CAL6, 93569:1	L/9446	CALIB_6	1	070720_8260W/8	7/07/20	18:45	GKB	✓
1/P24786.D	CAL7, 93567:1	L/9446	CALIB_7	1	070720_8260W/8	7/07/20	19:08	GKB	✓
1/P24787.D	CAL8, 93568:1	L/9446	CALIB_8	1	070720_8260W/8	7/07/20	19:31	GKB	✓
1/P24788.D	vblk	L/	SAMPLE	1	070720_8260W/8	7/07/20	19:54	GKB	X
1/P24789.D	ICV, 93584:1	L/9446	CCALIB_6	1	070720_8260W/8	7/07/20	20:17	GKB	
1/P24790.D	ICV, 93584:1	L/9446	CCALIB_6	1	070720_8260W/8	7/07/20	20:40	GKB	✓

Check Maintenance Items Performed:

- Changed septum
- Cleaned liner
- Replaced/Cleaned gold seal
- Clipped column
- Changed trap (lot # _____)
- Cleaned MS source
- Changed column (lot # _____)
- Other minor parts replaced _____
- No maintenance performed today

Additional Comments:

Run Order Verified: EKB 7/14/20

File Path 1: \\v70wintarget\chem\70msv8.i\070720.B
 Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
 Report Date: 15:30 07/28/2020

Reviewed By/Date: BAL 7/9/20 Page: 1 of 1

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 70msv8.i
 Column RTX-624 20m X 0.18mm Helium Method: SW846-8260C/D/EPA 624.1
 Misc. Prep Info [L]:
 Misc. Prep Info [S]:
 ISTD lot: Surr. lot: 107079:5
 Lot:
 Tune std: Cal. std:

Path/File	Smp Info	Mtrx/Batch	Type	DF	Method/Sublist	Date	Time	Oper	Comments
1/P29420.D	TUNE, 107079:1	L/9446	BFB	1	DBFB/all	3/10/21	09:18	BBL	
1/P29421.D	CCV, 107618:1	L/9446	CCALIB_6	1	070720_8260W/a	3/10/21	10:06	BBL	
1/P29422.D	981589,	L/11189	BLANK	1	070720_8260W/a	3/10/21	10:56	BBL	
1/P29422A.D	981848	L/11195	BLANK	1	070720_8260W/a	3/10/21	10:56	BBL	
1/P29422B.D	981649	L/11190	BLANK	1	070720_8260W/a	3/10/21	10:56	BBL	
1/P29423.D	CRDL	L/	SAMPLE	1	070720_8260W/8	3/10/21	11:20	BBL	
1/P29424.D	981590, 106905:1	L/11189	LCS	1	070720_8260W/a	3/10/21	11:44	BBL	
1/P29424A.D	981849, 106905:1	L/11195	LCS	1	070720_8260W/a	3/10/21	11:44	BBL	
1/P29424B.D	981650, 106905:1	L/11190	LCS	1	070720_8260W/a	3/10/21	11:44	BBL	
1/P29425.D	9781416X5,	L/11189	SAMPLE	5	070720_8260W/t	3/10/21	12:04	BBL	
1/P29426.D	30408910005,	L/11190	SAMPLE	1	070720_8260W/a	3/10/21	12:23	BBL	
1/P29427.D	70164166001X250,	L/11189	SAMPLE	250	070720_8260W/t	3/10/21	12:42	BBL	
1/P29428.D	981591X250, 1069	L/11189	SAMPLE	250	070720_8260W/t	3/10/21	13:02	BBL	
1/P29429.D	70164166003X250,	S/11189	SAMPLE	250	070720_8260W/t	3/10/21	13:21	BBL	
1/P29430.D	70164166005X250,	S/11189	SAMPLE	250	070720_8260W/t	3/10/21	13:40	BBL	
1/P29431.D	70164195003,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	14:00	BBL	
1/P29432.D	70164163001,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	14:19	BBL	
1/P29433.D	70164199001,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	14:38	BBL	
1/P29434.D	70164199002,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	15:09	BBL	
1/P29435.D	70164199003,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	15:29	BBL	
1/P29436.D	70164199004,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	15:48	BBL	
1/P29437.D	70164199002X20,	L/11195	SAMPLE	20	070720_8260W/a	3/10/21	16:07	BBL	
1/P29438.D	30408910001,	L/11190	SAMPLE	1	070720_8260W/a	3/10/21	16:27	BBL	
1/P29439.D	30408910002,	L/11190	SAMPLE	1	070720_8260W/a	3/10/21	16:46	BBL	
1/P29440.D	30408910003,	L/11190	SAMPLE	1	070720_8260W/a	3/10/21	17:06	BBL	
1/P29441.D	30408910004,	L/11190	SAMPLE	1	070720_8260W/a	3/10/21	17:25	BBL	
1/P29442.D	70164195001,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	17:44	BBL	
1/P29443.D	70164195002,	L/11195	SAMPLE	1	070720_8260W/a	3/10/21	18:03	BBL	
1/P29444.D	982105, 106905:1	L/11195	MS	1	070720_8260W/a	3/10/21	18:23	BBL	
1/P29445.D	982106, 106905:1	L/11195	MSD	1	070720_8260W/a	3/10/21	18:42	BBL	

Handwritten notes:
 V.12 PH
 7
 5
 1
 2
 1
 2
 3
 pH lot # 231019

Check Maintenance Items Performed:

- Changed septum
- Cleaned liner
- Replaced/Cleaned gold seal
- Clipped column
- Changed trap (lot # _____)
- Cleaned MS source
- Changed column (lot # _____)
- Other minor parts replaced _____
- No maintenance performed today

Additional Comments:

Run Order Verified: KG 3/12/21

File Path 1: \\v70wintarget\chem\70msv8.i\031021.b
 Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
 Report Date: 10:55 03/11/2021

Reviewed By/Date: MF 3/11/21 Page: 1 of 2

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 70msv8.i
Column RTX-624 20m X 0.18mm Helium Method: SW846-8260C/D/EPA 624.1
Misc. Prep Info [L]:
Misc. Prep Info [S]:
ISTD lot: Surr. lot: 107079:5
Lot:
Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	Method/Sublist	Date	Time	Oper	Comments
1/P29446.D	70164199003X20,	L/11195	SAMPLE	20	2	070720_8260W/a	3/10/21	19:01	BBL
1/P29447.D	70164199004X20,	L/11195	SAMPLE	20	2	070720_8260W/a	3/10/21	19:21	BBL

VML pH
2 2
2 2

pH lot #231019

File Path 1: \\v70wintarget\chem\70msv8.i\031021.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:55 03/11/2021

Reviewed By/Date: MF 3/11/21 Page: 2 of 2

Attachment B

Indoor Air Data

Centek Laboratories, LLC

Date: 22-Feb-21

CLIENT: Leader Consulting Services **Client Sample ID:** Summa #1 Dup
Lab Order: C2102025 **Tag Number:** 483, 1345
Project: Vails Gate Manufacturing **Collection Date:** 2/9/2021
Lab ID: C2102025-001A **Matrix:** AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/15/2021 11:34:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/15/2021 11:34:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/15/2021 11:34:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/15/2021 11:34:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/15/2021 11:34:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/15/2021 11:34:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/15/2021 11:34:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/15/2021 11:34:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/15/2021 11:34:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/15/2021 11:34:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/15/2021 11:34:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/15/2021 11:34:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/15/2021 11:34:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/15/2021 11:34:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/15/2021 11:34:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/15/2021 11:34:00 PM
2,2,4-trimethylpentane	0.47	0.70	J	ug/m3	1	2/15/2021 11:34:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/15/2021 11:34:00 PM
Acetone	11	7.1		ug/m3	10	2/16/2021 12:56:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/15/2021 11:34:00 PM
Benzene	0.80	0.48		ug/m3	1	2/15/2021 11:34:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/15/2021 11:34:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/15/2021 11:34:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/15/2021 11:34:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/15/2021 11:34:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/15/2021 11:34:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	2/15/2021 11:34:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/15/2021 11:34:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/15/2021 11:34:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/15/2021 11:34:00 PM
Chloromethane	0.72	0.31		ug/m3	1	2/15/2021 11:34:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/15/2021 11:34:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/15/2021 11:34:00 PM
Cyclohexane	0.96	0.52		ug/m3	1	2/15/2021 11:34:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/15/2021 11:34:00 PM
Ethyl acetate	0.83	0.54		ug/m3	1	2/15/2021 11:34:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	2/15/2021 11:34:00 PM
Freon 11	1.1	0.84		ug/m3	1	2/15/2021 11:34:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/15/2021 11:34:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/15/2021 11:34:00 PM

Qualifiers:
 DL Detection Limit
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits
 B Analyte detected in the associated Method Blank
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection
 SC Sub-Contracted

Centek Laboratories, LLC

Date: 22-Feb-21

CLIENT: Leader Consulting Services
Lab Order: C2102025
Project: Vails Gate Manufacturing
Lab ID: C2102025-001A

Client Sample ID: Summa #1 Dup
Tag Number: 483, 1345
Collection Date: 2/9/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	1.8	0.74		ug/m3	1	2/15/2021 11:34:00 PM
Heptane	0.66	0.61		ug/m3	1	2/15/2021 11:34:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/15/2021 11:34:00 PM
Hexane	0.99	0.53		ug/m3	1	2/15/2021 11:34:00 PM
Isopropyl alcohol	21	3.7		ug/m3	10	2/16/2021 12:56:00 PM
m&p-Xylene	1.0	1.3	J	ug/m3	1	2/15/2021 11:34:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/15/2021 11:34:00 PM
Methyl Ethyl Ketone	2.9	0.88		ug/m3	1	2/15/2021 11:34:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/15/2021 11:34:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/15/2021 11:34:00 PM
Methylene chloride	0.94	0.52		ug/m3	1	2/15/2021 11:34:00 PM
o-Xylene	0.52	0.65	J	ug/m3	1	2/15/2021 11:34:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/15/2021 11:34:00 PM
Styrene	0.98	0.64		ug/m3	1	2/15/2021 11:34:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/15/2021 11:34:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/15/2021 11:34:00 PM
Toluene	2.1	0.57		ug/m3	1	2/15/2021 11:34:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/15/2021 11:34:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/15/2021 11:34:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/15/2021 11:34:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/15/2021 11:34:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/15/2021 11:34:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/15/2021 11:34:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 22-Feb-21

CLIENT: Leader Consulting Services
Lab Order: C2102025
Project: Vails Gate Manufacturing
Lab ID: C2102025-002A

Client Sample ID: Summa (MS/MSD)
Tag Number: 210, 1345
Collection Date: 2/9/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15			Analyst: RJP	
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/16/2021 12:18:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/16/2021 12:18:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/16/2021 12:18:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/16/2021 12:18:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/16/2021 12:18:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/16/2021 12:18:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/16/2021 12:18:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/16/2021 12:18:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/16/2021 12:18:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/16/2021 12:18:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/16/2021 12:18:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/16/2021 12:18:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/16/2021 12:18:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/16/2021 12:18:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/16/2021 12:18:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/16/2021 12:18:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/16/2021 12:18:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/16/2021 12:18:00 AM
Acetone	11	7.1		ug/m3	10	2/16/2021 1:39:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/16/2021 12:18:00 AM
Benzene	0.83	0.48		ug/m3	1	2/16/2021 12:18:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/16/2021 12:18:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/16/2021 12:18:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/16/2021 12:18:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/16/2021 12:18:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/16/2021 12:18:00 AM
Carbon tetrachloride	0.38	0.19		ug/m3	1	2/16/2021 12:18:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/16/2021 12:18:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/16/2021 12:18:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/16/2021 12:18:00 AM
Chloromethane	0.70	0.31		ug/m3	1	2/16/2021 12:18:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/16/2021 12:18:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/16/2021 12:18:00 AM
Cyclohexane	1.1	0.52		ug/m3	1	2/16/2021 12:18:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/16/2021 12:18:00 AM
Ethyl acetate	0.83	0.54		ug/m3	1	2/16/2021 12:18:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	2/16/2021 12:18:00 AM
Freon 11	1.2	0.84		ug/m3	1	2/16/2021 12:18:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/16/2021 12:18:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/16/2021 12:18:00 AM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 22-Feb-21

CLIENT: Leader Consulting Services
Lab Order: C2102025
Project: Vails Gate Manufacturing
Lab ID: C2102025-002A

Client Sample ID: Summa (MS/MSD)
Tag Number: 210, 1345
Collection Date: 2/9/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	1.9	0.74		ug/m3	1	2/16/2021 12:18:00 AM
Heptane	0.57	0.61	J	ug/m3	1	2/16/2021 12:18:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/16/2021 12:18:00 AM
Hexane	0.67	0.53		ug/m3	1	2/16/2021 12:18:00 AM
Isopropyl alcohol	17	3.7		ug/m3	10	2/16/2021 1:39:00 PM
m&p-Xylene	1.0	1.3	J	ug/m3	1	2/16/2021 12:18:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/16/2021 12:18:00 AM
Methyl Ethyl Ketone	3.2	0.88		ug/m3	1	2/16/2021 12:18:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/16/2021 12:18:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/16/2021 12:18:00 AM
Methylene chloride	0.90	0.52		ug/m3	1	2/16/2021 12:18:00 AM
o-Xylene	0.52	0.65	J	ug/m3	1	2/16/2021 12:18:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/16/2021 12:18:00 AM
Styrene	0.94	0.64		ug/m3	1	2/16/2021 12:18:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/16/2021 12:18:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/16/2021 12:18:00 AM
Toluene	2.1	0.57		ug/m3	1	2/16/2021 12:18:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/16/2021 12:18:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/16/2021 12:18:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/16/2021 12:18:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/16/2021 12:18:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/16/2021 12:18:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/16/2021 12:18:00 AM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 22-Feb-21

CLIENT: Leader Consulting Services
Lab Order: C2102025
Project: Vails Gate Manufacturing
Lab ID: C2102025-003A

Client Sample ID: Trip Blank Summa
Tag Number: 215
Collection Date: 2/9/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/15/2021 10:50:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/15/2021 10:50:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/15/2021 10:50:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/15/2021 10:50:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/15/2021 10:50:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/15/2021 10:50:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/15/2021 10:50:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/15/2021 10:50:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/15/2021 10:50:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/15/2021 10:50:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/15/2021 10:50:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/15/2021 10:50:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/15/2021 10:50:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/15/2021 10:50:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/15/2021 10:50:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/15/2021 10:50:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/15/2021 10:50:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/15/2021 10:50:00 PM
Acetone	< 0.71	0.71		ug/m3	1	2/15/2021 10:50:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/15/2021 10:50:00 PM
Benzene	< 0.48	0.48		ug/m3	1	2/15/2021 10:50:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/15/2021 10:50:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/15/2021 10:50:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/15/2021 10:50:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/15/2021 10:50:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/15/2021 10:50:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	2/15/2021 10:50:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/15/2021 10:50:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/15/2021 10:50:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/15/2021 10:50:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	2/15/2021 10:50:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/15/2021 10:50:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/15/2021 10:50:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/15/2021 10:50:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/15/2021 10:50:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	2/15/2021 10:50:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	2/15/2021 10:50:00 PM
Freon 11	< 0.84	0.84		ug/m3	1	2/15/2021 10:50:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/15/2021 10:50:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/15/2021 10:50:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 22-Feb-21

CLIENT: Leader Consulting Services
Lab Order: C2102025
Project: Vails Gate Manufacturing
Lab ID: C2102025-003A

Client Sample ID: Trip Blank Summa
Tag Number: 215
Collection Date: 2/9/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	< 0.74	0.74		ug/m3	1	2/15/2021 10:50:00 PM
Heptane	< 0.61	0.61		ug/m3	1	2/15/2021 10:50:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/15/2021 10:50:00 PM
Hexane	< 0.53	0.53		ug/m3	1	2/15/2021 10:50:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/15/2021 10:50:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	2/15/2021 10:50:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/15/2021 10:50:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	2/15/2021 10:50:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/15/2021 10:50:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/15/2021 10:50:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	2/15/2021 10:50:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	2/15/2021 10:50:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/15/2021 10:50:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/15/2021 10:50:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/15/2021 10:50:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/15/2021 10:50:00 PM
Toluene	< 0.57	0.57		ug/m3	1	2/15/2021 10:50:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/15/2021 10:50:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/15/2021 10:50:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/15/2021 10:50:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/15/2021 10:50:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/15/2021 10:50:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/15/2021 10:50:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Attachment C

SSDS System Report

REPORT OF VAPOR MITIGATION SYSTEM INSPECTION

1073 State Route 94, Unit #15, Vails Gate, New York

Prepared by:



ENVIRONMENTAL SERVICES

438 New Karner Road
Albany, New York 12205

February 2, 2021

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3.0 INSPECTION RESULTS	3

APPENDICES

Appendix A: Figure: Drawing & Pressure Field Extension Results

Appendix B: Inspection Procedures and Documentation

Appendix C: Repair/Modification Log

1.0 INTRODUCTION

This report describes the inspection of the vapor mitigation (VM) system performed at the 1073 State Route 94, Unit #15, Vails Gate, New York, on January 28, 2021.

The site was historically operated as a manufacturing facility. The site has documented chlorinated volatile organic compound (CVOC) contamination in the soil, groundwater, and/or soil gas. Additionally, vapor intrusion or an elevated potential for vapor intrusion, of the CVOC soil gas has been identified in Unit #15 of the building, currently occupied by the US Mint as warehouse space.

The VM system extracts soil vapor and air from below the concrete floor slab in the building and discharges the soil vapor and air into the atmosphere above the roof of the building. Extracted soil vapor and air travel through sealed negatively pressurized piping and through a fan located on the outside of the building to a positively pressurized exhaust at or above the roof line of the building.

The VMS was installed in February 2010 to reduce the potential for occupant exposure to CVOCs entering through vapor intrusion. This report describes the methodology of the inspection, the operating conditions observed during the inspection, and maintains a log of service performed on the VM system.

2.0 INSPECTION PROCEDURES

Annual inspection procedures for the VMS and remedies to observed deficiencies are outlined below:

2.1 System Fan

Observe the fan during operation. If abnormal noises (i.e. scraping, buzzing, cyclical pointed sounds, or no operational sound at all, etc.) are observed, replace fan (There are no field serviceable parts in the fan). Observe the exhaust stack for possible obstructions (i.e. tree branches, etc.).

2.2 System Piping and Connections

Inspect the exposed system piping and connections for any breach or damage. Repair or replace any observed damage effecting system operation.

2.3 Slab/System Interface Seals

Inspect the seal at each accessible extraction point. If breach is observed, caulk with polyurethane caulk

2.4 Electrical

Observe electrical components for damage. Test system electrical disconnects / switches for functionality. Repair/replace damaged components and malfunctioning items.

2.5 Pressure Gauges

Test system differential pressure gauges for functionality. Remove input line or shut down sub-system to verify differential pressure gauges return to a zero reading. Replace any dysfunctional differential pressure gauges and restore sub-system operation.

2.6 Low Pressure Alarm

Test system low pressure alarm for functionality. Remove input line or shut down sub-system to verify alarm sounds and alarm light illuminates. Replace any dysfunctional alarm and restore sub-system operation.

2.7 System Pressure

Observe the pressure differential readings on the pressure gauge for each sub-system. Compare the differential pressure in the sub-system exhaust stack to the indicated operating pressure range. If static pressure is outside the normal range, evaluate the fan for problems. If no problems are identified with the fan, perform sub-slab pressure testing at representative locations to verify the sub-slab pressure field extension (PFE) is sufficient under the “new” operating pressure. Adjust system ball valves as needed to redistribute PFE. If acceptable PFE is achieved, the

"new" operating pressure becomes the "baseline" pressure. If acceptable PFE cannot be achieved, replace the system fan.

2.8 Inspection Documentation

Document the inspection and any repairs or modifications made. Maintain a logbook of the inspections for the life of the VMS.

3.0 INSPECTION RESULTS

3.1 Equip. and Material Observations (as per Section 2.1 - 2.6)

Table 3.1A

Item	Observation
System Fan	No Deficiencies observed
System Piping and Connections	No Deficiencies observed
Slab/System Interface Seals	No Deficiencies observed
Electrical Components	No Deficiencies observed
Pressure Gauges	No Deficiencies observed
Low Pressure Alarm	No Deficiencies observed

3.2 Pressure & Meter Readings (as per Section 2.7 & 2.8)

Table 3.1B: Operating Pressures

Sub System ID/ Fan Model	Baseline Pressure 2/16/2010	Pressure Reading 4/19/2012	Pressure Reading 2/20/2018	Pressure Reading 03/17/2020	Pressure Reading 01/28/2021
	Acceptable Range				
1 / GP501 EP-1-1	1.4 "WC	1.6 "WC	1.4 "WC	1.7"WC	1.7"WC
	0.25 - 3.8 "WC				
1 / GP501 EP-1-8	1.2 "WC	1.5 "WC	1.2 "WC	1.5"WC	1.7"WC*
	0.25- 3.8 "WC				

"WC - Inches of Water Column

*Value exceeded the fan pressure "normal range" previously specified, which was very narrow and is typically ranged with the maximum manufacturer's recommended operating pressure of the fan. The "normal range" specified in Table 3.1B may have had input from the general consultant at the time of install, and presented a more conservative value. Alpine has changed the "normal range" to the "acceptable range" which uses the maximum manufacturer's recommended operating pressure as the maximum range, as is the more typical convention.

3.3 Conclusion

No deficiencies were observed. The "normal range" for the operating pressure was modified to an "acceptable range" which changed the maximum end of the range to match the manufacturer's maximum recommended operating pressure.



Appendix A
Figure: Vapor Mitigation System Drawing

LEGEND

- Extraction Point
- Extraction Piping
- System Fan and Exhaust
- System Pressure Gauge
- System Pressure Alarm
- Electrical Conduit
- Electrical Junction Box
- Electrical Panel
- Electrical Outlet
- Electrical Disconnect
- Fire Block
- Steel Column
- Storage Racks
- Door
- Overhead Door
- Cinderblock Wall
- Sheetrock Wall

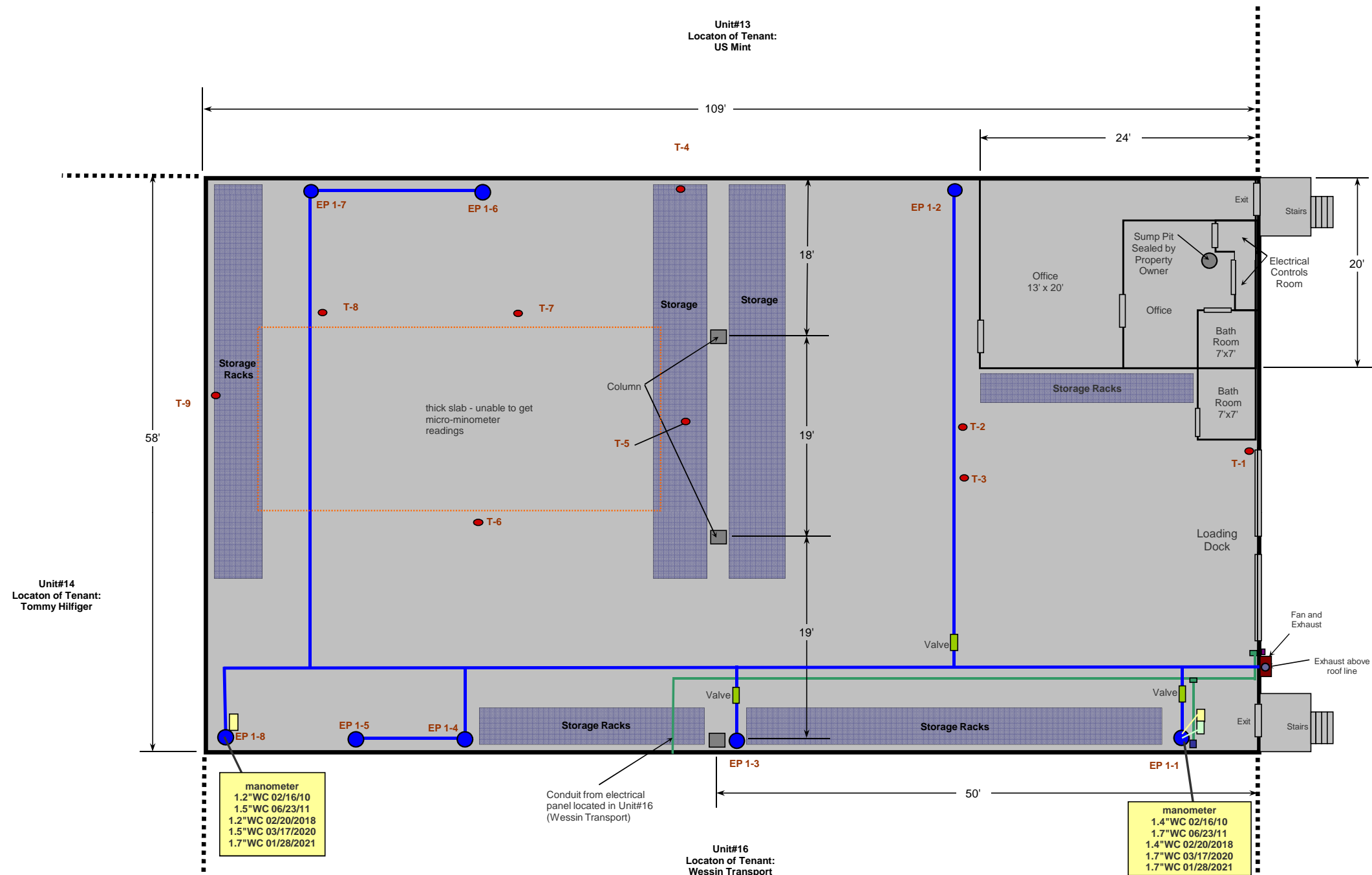
Extraction Point System Number

EP 1-2 Extraction Point

Scale (feet)

0' 2.5' 5' 7.5' 10'

N



manometer
1.2"WC 02/16/10
1.5"WC 06/23/11
1.2"WC 02/20/2018
1.5"WC 03/17/2020
1.7"WC 01/28/2021

Conduit from electrical panel located in Unit#16 (Wessin Transport)

Unit#16
Locaton of Tenant:
Wessin Transport

manometer
1.4"WC 02/16/10
1.7"WC 06/23/11
1.4"WC 02/20/2018
1.7"WC 03/17/2020
1.7"WC 01/28/2021



Appendix B

Vapor Mitigation System Inspection Procedure & Documentation

1.0 Vapor Mitigation System Annual Inspection Procedures

A periodic inspection is recommended to verify the VMS is operating as designed. At a minimum, an annual inspection should be performed. Prior to performing any test on the system, notify parties managing the building and parties monitoring the low pressure alarms of the intent to test. Inspection Procedures:

- 1.01** System Fan: Observe the fan during operation. Pay special attention to any abnormal noises coming from the fan, buzzing or scraping, or no sound at all. If abnormal noises (i.e. scraping, buzzing, cyclical pointed sounds, or no operational sound at all, etc.) are observed, refer to the Troubleshooting Guide (Section 5.4 of O & M Manual). Observe the exhaust stack for possible obstructions (i.e. ice, etc.). Please Note: The VMS fans are designed to be maintenance free, for the life of the fans. All moving parts of the system are sealed in the fan-housing unit. The fan-housing unit should only be opened by the fan manufacturer. Any attempt to open the fan-housing unit will destroy the factory-installed seals and void any warranty, parts and labor, on the fan.
- 1.02** System Piping and Connections: Inspect the exposed system piping and connections for any breach or damage. Repair or replace any observed damage effecting system operation.
- 1.03** Slab/System Interface Seals: Inspect the seal at each of the extraction pipe (a breach in the seal should produce an air leak noise when the system is in operation). If breech is observed, caulk with polyurethane caulk
- 1.04** Pressure Differential: Test system differential pressure gauges for functionality. Remove input line or shut down sub-system to verify differential pressure gauges return to a zero reading. Replace any dysfunctional differential pressure gauges and restore sub-system operation.

Appendix B

- 1.05** Observe the pressure differential readings on the monitoring panel for each sub-system and each extraction point. Record the operating pressure in the table provided in the report. Compare the operating pressure in the sub-system exhaust stack to the acceptable operating pressure. If static pressure is outside the acceptable range, evaluate the fan for problems. If no problems are identified with the fan, perform sub-slab pressure testing to verify the sub-slab pressure field extension (PFE) is sufficient under the “new” baseline static operating pressure. Adjust system ball valves as needed to redistribute PFE. If acceptable PFE cannot be achieved, replace the system fan.
- 1.06** Electrical: Observe electrical components for damage. Repair damaged components. Test system electrical disconnects / switches for functionality. Repair any dysfunctional components.
- 1.07** Inspection Documentation: Document the inspection (Table A), sub-system and extraction line pressure readings (Section 3.0 of the report summary), and any repairs or modifications made Appendix C and maintain a logbook of the periodic inspections for the life of the VMS.

TABLE A

Inspection Date	Inspector Name	Address/Phone #
June 23, 2011	Paul Schnitzer	Alpine Environmental Services, Inc. 438 New Karner Rd, Albany, NY 12205; (518) 250-4047 ext 303.
April 19, 2012	Paul Schnitzer	Alpine Environmental Services, Inc. 438 New Karner Rd, Albany, NY 12205; (518) 250-4047 ext 303.
February 20, 2018	Joe Bogdanowicz	Alpine Environmental Services, Inc. 438 New Karner Rd, Albany, NY 12205; (518) 250-4047 ext 303.
March 17, 2020	Joe Bogdanowicz	Alpine Environmental Services, Inc. 438 New Karner Rd, Albany, NY 12205; (518) 250-4047 ext 303.
January 28, 2021	Joe Bogdanowicz	Alpine Environmental Services, Inc. 438 New Karner Rd, Albany, NY 12205; (518) 250-4047 ext 303.



Appendix C

System Repair/Modification Log

Repair/Modification Log

	Date: February 20, 2018	Date: March 17, 2020	Date:
Building Sub System ID	1	1	
Component (ie fan, gauge, etc.)	45 degree PVC fitting at EP	Fan, Floor hub fitting, Caulk	
Description of the Deficiency or Problem	Cracked fitting	1.Fan was not running, alarm had been unplugged following fan failure. 2.Cracked/Broken floor hub fitting at EP 1-2. 3.Floor caulk deterioration at EP 1-6 and EP 1-7	
Description of the Modification or Repair	Caulked crack	1.Fan replaced (Fan GP501 Serial Number 146531) Alarm reconnected. 2.Cracked/Broken floor hub fitting at EP 1-2 replaced fitting and caulked. 3.Re-caulked Floor hub fitting at EP 1-6 and 1-7	

	Date:	Date:	Date:
Building Sub System ID			
Component (ie fan, gauge, etc.)			
Description of the Deficiency or Problem			
Description of the Modification or Repair			

Attachment D

Groundwater Summary Tables

TABLE 2
GROUNDWATER MONITORING WELL SAMPLE FIELD DATA

MW-5A/AR													
Analyte	August 2014⁽⁴⁾	November 2014⁽⁵⁾	February 2015	May 2015	August 2015	November 2015	February 2016	May 2016	August 2016	February 2017	August 2017	April 2020	March 2021
dissolved oxygen ⁽¹⁾	1,150	1,860	1,910	910	300	500	1,500	2,200	2,470	3,120	3,170	3,170	3.36
pH ⁽²⁾	7.66	7.07	6.74	6.43	6.61	6.63	6.43	6.90	6.84	6.64	7.2	7.2	7.02
redox ⁽³⁾	-137	-90	-42	-73	-88	-44	-124	-62	-65	-73	-108	-58	188

MW-14													
Analyte	August 2014⁽⁴⁾	November 2014⁽⁵⁾	February 2015	May 2015	August 2015	November 2015	February 2016	May 2016	August 2016	February 2017	August 2017	April 2020	March 2021
dissolved oxygen ⁽¹⁾	1,940	2,110	1,720	1,280	1,100	700	2,700	2,010	2,410	3,160	2,970	2,520	8.19
pH ⁽²⁾	7.19	7.41	6.98	6.58	6.68	6.65	6.45	6.91	6.59	6.47	6.84	6.85	6.83
redox ⁽³⁾	7	-1	47	0	0	-7	-44	5	-78	24	-80	-29	-21

MW-16											
Analyte	August 2014⁽⁴⁾	November 2014⁽⁵⁾	February 2015	May 2015	August 2015	November 2015	February 2016	May 2016	August 2016	February 2017	August 2017
dissolved oxygen ⁽¹⁾	990	2,210	2,750	2,150	400	2,200	2,800	2,800	4,270	5,090	7,080
pH ⁽²⁾	7.12	6.86	6.94	6.66	6.28	6.92	6.74	7.58	7.03	7.05	7.6
redox ⁽³⁾	24	-14	12	151	49	48	45	73	31	96	29

MW-CHA-RFI-7											
Analyte	August 2014⁽⁴⁾	November 2014⁽⁵⁾	February 2015	May 2015	August 2015	November 2015	February 2016	May 2016	August 2016	February 2017	August 2017
dissolved oxygen ⁽¹⁾	1,440	1,220	1,760	1,660	600	700	1,200	1,780	1,720	5,020	4,470
pH ⁽²⁾	7.55	7.38	7.55	7.01	7.41	7.52	7.12	7.28	7.53	6.73	7.86
redox ⁽³⁾	-36	-1	73	35	20	48	-90	31	-5	-48	-18

NOTES:

(1) Value expressed as parts per billion ("ppb").

(2) Value expressed as Standard Unit.

(3) Value expressed as milliVolts (mV).

(4) Sampling date of August 11, 2014, reflects pre-bioremediation injection date of August 13 and 14, 2014.

(5) November 2014 sampling event reflects first post-bioremediation data.