

Cover Page

Order ID : Q2021

Project ID : 38 Alexander Ave, Nutley NJ

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q2021-01
Q2021-02
Q2021-03
Q2021-04
Q2021-05
Q2021-06
Q2021-07
Q2021-08

Client Sample Number

WASTE
VOC
1
2
3
4
5
6

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/21/2025

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2021

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 05/21/2025

LAB CHRONICLE

OrderID: Q2021	OrderDate: 5/13/2025 12:38:10 PM
Client: Sciacca General Contractors, LLC	Project: 38 Alexander Ave, Nutley NJ
Contact: Rosanne Scirica	Location: L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2021-02	VOC	SOIL	VOC-TCLVOA-10	8260D	05/12/25		05/19/25	05/13/25



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2021

Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: Q2021

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q2021-02	VOC	1,2-Dichloroethane-d4	50	50.6	101	70 (63)	130 (155)
		Dibromofluoromethane	50	50.2	100	70 (70)	130 (134)
		Toluene-d8	50	48.9	98	70 (74)	130 (123)
		4-Bromofluorobenzene	50	39.7	79	70 (38)	130 (136)
VY0519SBL01	VY0519SBL01	1,2-Dichloroethane-d4	50	41.1	82	70 (63)	130 (155)
		Dibromofluoromethane	50	47.5	95	70 (70)	130 (134)
		Toluene-d8	50	48.8	98	70 (74)	130 (123)
		4-Bromofluorobenzene	50	37.7	75	70 (38)	130 (136)
VY0519SBS01	VY0519SBS01	1,2-Dichloroethane-d4	50	51.3	103	70 (63)	130 (155)
		Dibromofluoromethane	50	51.0	102	70 (70)	130 (134)
		Toluene-d8	50	51.1	102	70 (74)	130 (123)
		4-Bromofluorobenzene	50	48.5	97	70 (38)	130 (136)
VY0519SBSD01	VY0519SBSD01	1,2-Dichloroethane-d4	50	50.5	101	70 (63)	130 (155)
		Dibromofluoromethane	50	50.8	102	70 (70)	130 (134)
		Toluene-d8	50	51.2	102	70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.5	95	70 (38)	130 (136)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2021

Client: Sciaccia General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY022305.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0519SBS01	Dichlorodifluoromethane	20	21.2	ug/Kg	106			40 (64)	160 (136)	
	Chloromethane	20	26.6	ug/Kg	133			40 (70)	160 (130)	
	Vinyl chloride	20	26.8	ug/Kg	134		*	70 (72)	130 (129)	
	Bromomethane	20	32.0	ug/Kg	160			40 (58)	160 (141)	
	Chloroethane	20	29.0	ug/Kg	145			40 (69)	160 (130)	
	Trichlorofluoromethane	20	25.1	ug/Kg	126			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.3	ug/Kg	106			70 (81)	130 (123)	
	1,1-Dichloroethene	20	20.8	ug/Kg	104			70 (79)	130 (121)	
	Acetone	100	88.8	ug/Kg	89			40 (60)	160 (131)	
	Carbon disulfide	20	20.8	ug/Kg	104			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	20.5	ug/Kg	103			70 (77)	130 (129)	
	Methyl Acetate	20	19.9	ug/Kg	100			70 (69)	130 (149)	
	Methylene Chloride	20	18.7	ug/Kg	94			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	20.4	ug/Kg	102			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.3	ug/Kg	102			70 (82)	130 (123)	
	Cyclohexane	20	20.4	ug/Kg	102			70 (76)	130 (122)	
	2-Butanone	100	90.9	ug/Kg	91			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.7	ug/Kg	104			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.5	ug/Kg	103			70 (82)	130 (123)	
	Bromochloromethane	20	19.8	ug/Kg	99			70 (80)	130 (127)	
	Chloroform	20	20.9	ug/Kg	104			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106			70 (80)	130 (126)	
	Methylcyclohexane	20	20.7	ug/Kg	104			70 (77)	130 (123)	
	Benzene	20	20.2	ug/Kg	101			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.3	ug/Kg	102			70 (81)	130 (126)	
	Trichloroethene	20	20.4	ug/Kg	102			70 (83)	130 (122)	
	1,2-Dichloropropane	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	Bromodichloromethane	20	20.3	ug/Kg	102			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	95.8	ug/Kg	96			40 (70)	160 (135)	
	Toluene	20	19.9	ug/Kg	100			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.1	ug/Kg	101			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.5	ug/Kg	103			70 (82)	130 (125)	
	2-Hexanone	100	92.6	ug/Kg	93			40 (66)	160 (138)	
	Dibromochloromethane	20	20.3	ug/Kg	102			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.5	ug/Kg	103			70 (80)	130 (125)	
	Tetrachloroethene	20	20.4	ug/Kg	102			70 (83)	130 (125)	
	Chlorobenzene	20	20.3	ug/Kg	102			70 (84)	130 (122)	
	Ethyl Benzene	20	19.8	ug/Kg	99			70 (82)	130 (124)	
	m/p-Xylenes	40	40.0	ug/Kg	100			70 (83)	130 (124)	
	o-Xylene	20	19.6	ug/Kg	98			70 (83)	130 (123)	
	Styrene	20	19.6	ug/Kg	98			70 (82)	130 (124)	
	Bromoform	20	19.7	ug/Kg	99			70 (75)	130 (127)	
	Isopropylbenzene	20	19.9	ug/Kg	100			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	20.4	ug/Kg	102			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.1	ug/Kg	96			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.6	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.7	ug/Kg	99			70 (83)	130 (124)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2021

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY022305.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0519SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.0	ug/Kg	95			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.2	ug/Kg	96			70 (70)	130 (137)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2021

Client: Sciaccia General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY022306.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0519SBSD01	Dichlorodifluoromethane	20	21.2	ug/Kg	106	0		40 (64)	160 (136)	30 (20)
	Chloromethane	20	26.7	ug/Kg	134	1		40 (70)	160 (130)	30 (20)
	Vinyl chloride	20	27.0	ug/Kg	135	1	*	70 (72)	130 (129)	30 (20)
	Bromomethane	20	32.1	ug/Kg	160	0		40 (58)	160 (141)	30 (20)
	Chloroethane	20	29.6	ug/Kg	148	2		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	25.4	ug/Kg	127	1		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109	3		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	21.7	ug/Kg	109	5		70 (79)	130 (121)	30 (20)
	Acetone	100	83.4	ug/Kg	83	7		40 (60)	160 (131)	30 (20)
	Carbon disulfide	20	21.2	ug/Kg	106	2		40 (45)	160 (154)	30 (20)
	Methyl tert-butyl Ether	20	20.8	ug/Kg	104	1		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	19.7	ug/Kg	99	1		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	19.6	ug/Kg	98	4		70 (56)	130 (174)	30 (20)
	trans-1,2-Dichloroethene	20	21.3	ug/Kg	106	4		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	20.7	ug/Kg	104	2		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.4	ug/Kg	102	0		70 (76)	130 (122)	30 (20)
	2-Butanone	100	92.1	ug/Kg	92	1		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	20.6	ug/Kg	103	1		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	21.1	ug/Kg	106	3		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	20.7	ug/Kg	104	5		70 (80)	130 (127)	30 (20)
	Chloroform	20	21.5	ug/Kg	108	4		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	21.0	ug/Kg	105	1		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	20.0	ug/Kg	100	4		70 (77)	130 (123)	30 (20)
	Benzene	20	20.7	ug/Kg	104	3		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.2	ug/Kg	101	1		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.7	ug/Kg	104	2		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.2	ug/Kg	101	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.5	ug/Kg	103	1		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	94.3	ug/Kg	94	2		40 (70)	160 (135)	30 (20)
	Toluene	20	20.2	ug/Kg	101	1		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98	1		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	20.3	ug/Kg	102	1		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104	1		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	92.4	ug/Kg	92	1		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	19.9	ug/Kg	100	2		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	20.0	ug/Kg	100	3		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	20.3	ug/Kg	102	0		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	20.5	ug/Kg	103	1		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	19.9	ug/Kg	100	1		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	40.0	ug/Kg	100	0		70 (83)	130 (124)	30 (20)
	o-Xylene	20	20.0	ug/Kg	100	2		70 (83)	130 (123)	30 (20)
	Styrene	20	19.9	ug/Kg	100	2		70 (82)	130 (124)	30 (20)
	Bromoform	20	19.8	ug/Kg	99	0		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	20.7	ug/Kg	104	4		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	21.2	ug/Kg	106	4		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100	4		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	20.4	ug/Kg	102	4		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	19.9	ug/Kg	100	1		70 (83)	130 (124)	30 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2021

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY022306.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0519SBSD01	1,2-Dibromo-3-Chloropropane	20	21.2	ug/Kg	106	6		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	19.2	ug/Kg	96	0		70 (70)	130 (137)	30 (20)

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0519SBL01

Lab Name: CHEMTECH

Contract: SCIA01

Lab Code: CHEM Case No.: Q2021

SAS No.: Q2021 SDG NO.: Q2021

Lab File ID: VY022304.D

Lab Sample ID: VY0519SBL01

Date Analyzed: 05/19/2025

Time Analyzed: 09:00

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0519SBS01	VY0519SBS01	VY022305.D	05/19/2025
VY0519SBSD01	VY0519SBSD01	VY022306.D	05/19/2025
VOC	Q2021-02	VY022325.D	05/19/2025

COMMENTS: _____



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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCIA01
Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG No.: Q2021
Lab File ID: VY022252.D BFB Injection Date: 05/15/2025
Instrument ID: MSVOA_Y BFB Injection Time: 07:52
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24
75	30.0 - 60.0% of mass 95	55.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	80.5
175	5.0 - 9.0% of mass 174	5.9 (7.3) 1
176	95.0 - 101.0% of mass 174	77.5 (96.3) 1
177	5.0 - 9.0% of mass 176	5.3 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY022253.D	05/15/2025	09:46
VSTDIC010	VSTDIC010	VY022254.D	05/15/2025	10:16
VSTDIC020	VSTDIC020	VY022255.D	05/15/2025	10:39
VSTDIC050	VSTDIC050	VY022256.D	05/15/2025	11:02
VSTDIC100	VSTDIC100	VY022257.D	05/15/2025	11:24
VSTDIC150	VSTDIC150	VY022258.D	05/15/2025	11:47



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCIA01
Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG No.: Q2021
Lab File ID: VY022302.D BFB Injection Date: 05/19/2025
Instrument ID: MSVOA_Y BFB Injection Time: 07:57
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24
75	30.0 - 60.0% of mass 95	58
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1) 1
174	50.0 - 100.0% of mass 95	83.6
175	5.0 - 9.0% of mass 174	6.2 (7.4) 1
176	95.0 - 101.0% of mass 174	80.5 (96.3) 1
177	5.0 - 9.0% of mass 176	5.4 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022303.D	05/19/2025	08:27
VY0519SBL01	VY0519SBL01	VY022304.D	05/19/2025	09:00
VY0519SBS01	VY0519SBS01	VY022305.D	05/19/2025	09:36
VY0519SBSD01	VY0519SBSD01	VY022306.D	05/19/2025	09:59
VOC	Q2021-02	VY022325.D	05/19/2025	17:43

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCIA01
 Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG NO.: Q2021
 Lab File ID: VY022303.D Date Analyzed: 05/19/2025
 Instrument ID: MSVOA_Y Time Analyzed: 08:27
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	226750	7.71	371882	8.62	313200	11.41
UPPER LIMIT	453500	8.207	743764	9.116	626400	11.914
LOWER LIMIT	113375	7.207	185941	8.116	156600	10.914
EPA SAMPLE NO.						
VOC	188228	7.71	334545	8.61	266650	11.41
VY0519SBL01	331048	7.71	571469	8.62	438659	11.42
VY0519SBS01	200360	7.71	338060	8.62	283142	11.42
VY0519SBSD01	194565	7.71	331521	8.62	276940	11.41

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% 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

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCIA01
 Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG NO.: Q2021
 Lab File ID: VY022303.D Date Analyzed: 05/19/2025
 Instrument ID: MSVOA_Y Time Analyzed: 08:27
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	144499	13.346				
UPPER LIMIT	288998	13.846				
LOWER LIMIT	72249.5	12.846				
EPA SAMPLE NO.						
VOC	100148	13.35				
VY0519SBL01	158015	13.35				
VY0519SBS01	133674	13.35				
VY0519SBSD01	128146	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% 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

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/12/25	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	05/13/25	
Client Sample ID:	VOC		SDG No.:	Q2021	
Lab Sample ID:	Q2021-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	85.9	
Sample Wt/Vol:	5.63	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022325.D	1		05/19/25 17:43	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.20	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.20	ug/Kg
75-01-4	Vinyl Chloride	0.82	UQ	0.82	5.20	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.20	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.20	ug/Kg
67-64-1	Acetone	4.90	U	4.90	25.8	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.75	U	0.75	5.20	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.20	ug/Kg
75-09-2	Methylene Chloride	3.60	U	3.60	10.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.89	U	0.89	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.83	U	0.83	5.20	ug/Kg
110-82-7	Cyclohexane	0.82	U	0.82	5.20	ug/Kg
78-93-3	2-Butanone	6.80	U	6.80	25.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.78	U	0.78	5.20	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.20	ug/Kg
67-66-3	Chloroform	0.87	U	0.87	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	5.20	ug/Kg
108-87-2	Methylcyclohexane	0.94	U	0.94	5.20	ug/Kg
71-43-2	Benzene	0.82	U	0.82	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	5.20	ug/Kg
79-01-6	Trichloroethene	0.84	U	0.84	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.94	U	0.94	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.81	U	0.81	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	25.8	ug/Kg
108-88-3	Toluene	0.81	U	0.81	5.20	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/12/25	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	05/13/25	
Client Sample ID:	VOC		SDG No.:	Q2021	
Lab Sample ID:	Q2021-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	85.9	
Sample Wt/Vol:	5.63	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022325.D	1		05/19/25 17:43	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.67	U	0.67	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.64	U	0.64	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.95	U	0.95	5.20	ug/Kg
591-78-6	2-Hexanone	3.80	U	3.80	25.8	ug/Kg
124-48-1	Dibromochloromethane	0.90	U	0.90	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.91	U	0.91	5.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.20	ug/Kg
108-90-7	Chlorobenzene	0.94	U	0.94	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.69	U	0.69	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.3	ug/Kg
95-47-6	o-Xylene	0.85	U	0.85	5.20	ug/Kg
100-42-5	Styrene	0.73	U	0.73	5.20	ug/Kg
75-25-2	Bromoform	0.89	U	0.89	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.81	U	0.81	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.10	U	3.10	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	3.30	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		70 (38) - 130 (136)	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.707			
540-36-3	1,4-Difluorobenzene	335000	8.609			
3114-55-4	Chlorobenzene-d5	267000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	100000	13.346			



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	VOC	SDG No.:	Q2021
Lab Sample ID:	Q2021-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.9
Sample Wt/Vol:	5.63	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022325.D	1		05/19/25 17:43	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022325.D
 Acq On : 19 May 2025 17:43
 Operator : SY/MD
 Sample : Q2021-02
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 20 01:17:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	188228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	334545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	266650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	100148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104131	50.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.240%
35) Dibromofluoromethane	7.628	113	100220	50.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.380%
50) Toluene-d8	10.103	98	399710	48.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.401	95	102799	39.659	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.320%

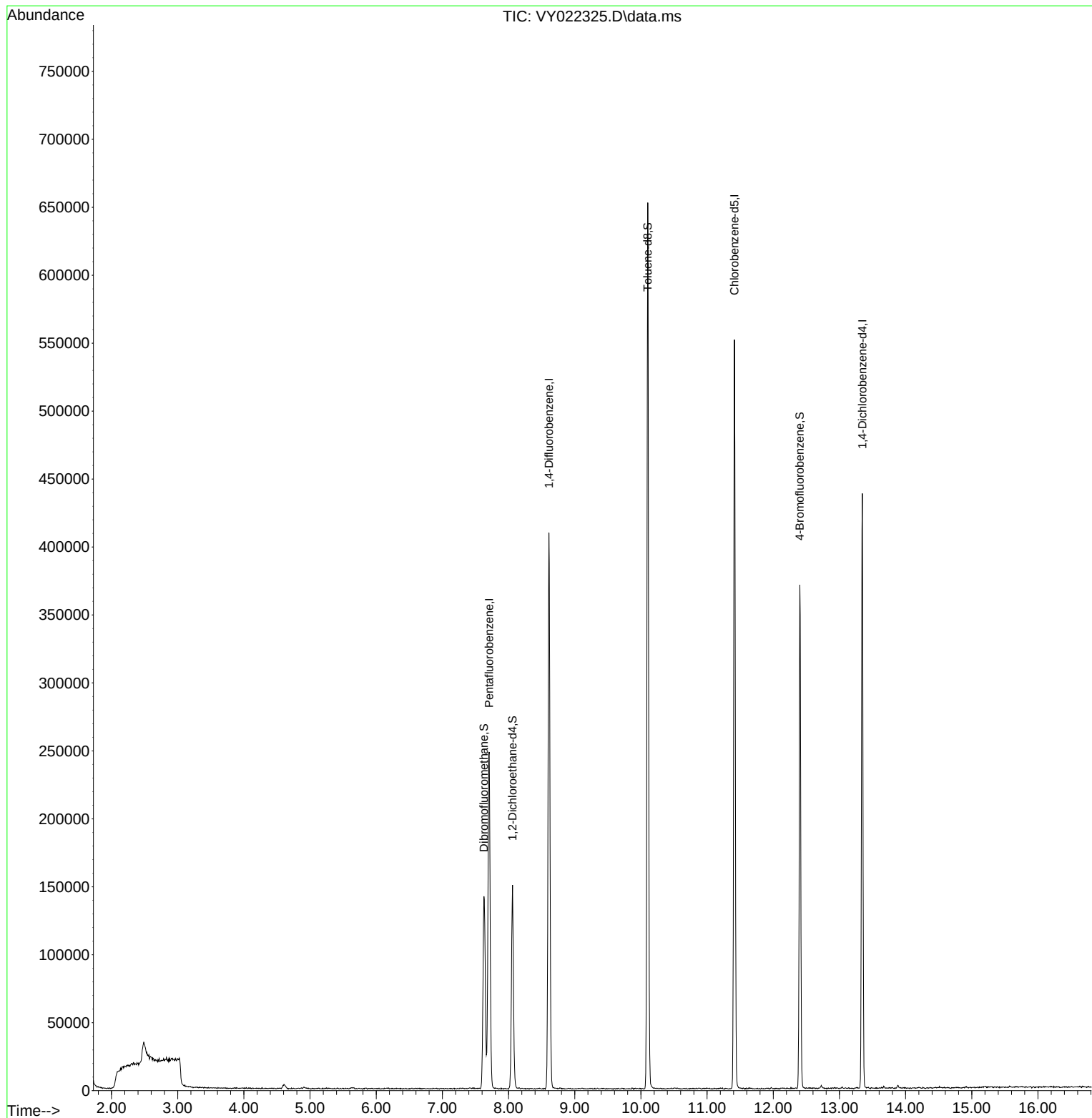
Target Compounds	Qvalue

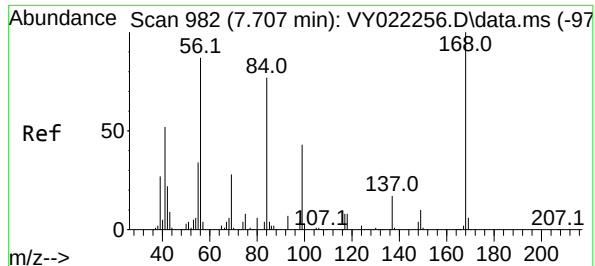
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022325.D
Acq On : 19 May 2025 17:43
Operator : SY/MD
Sample : Q2021-02
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: May 20 01:17:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

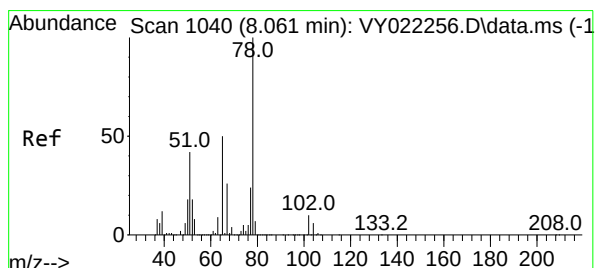
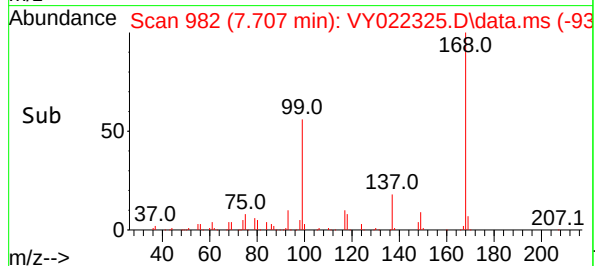
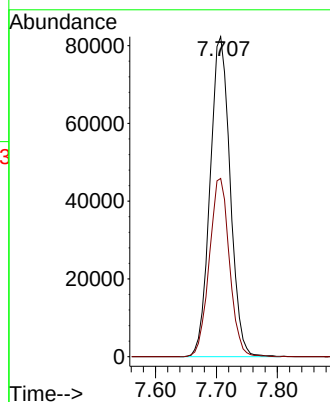
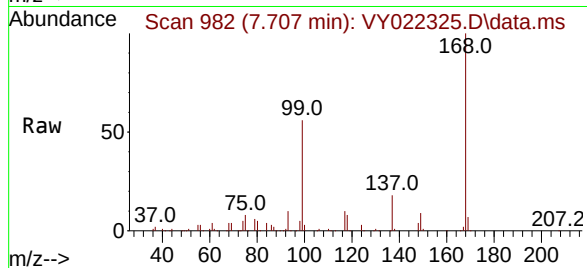




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022325.D
Acq: 19 May 2025 17:43

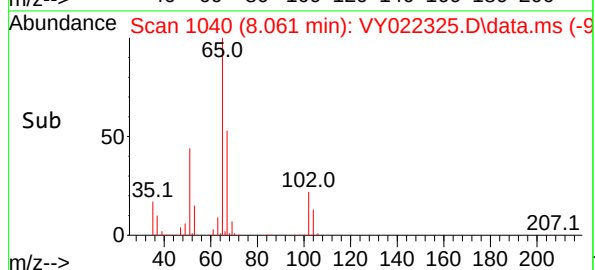
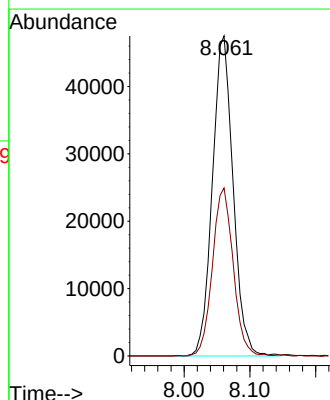
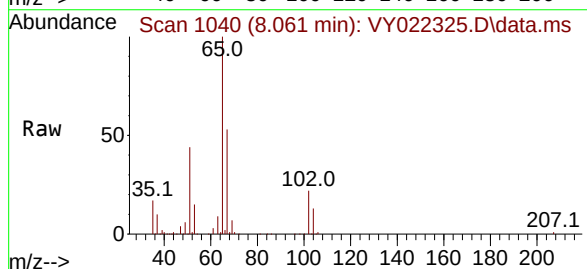
Instrument :
MSVOA_Y
ClientSampleId :
VOC

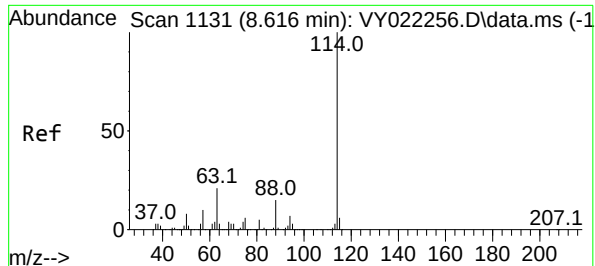
Tgt Ion:168 Resp: 188228
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.619 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022325.D
Acq: 19 May 2025 17:43

Tgt Ion: 65 Resp: 104131
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY022325.D

Acq: 19 May 2025 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VOC

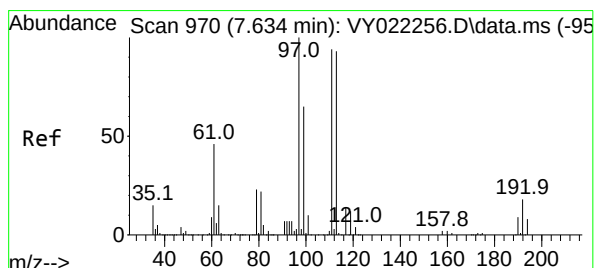
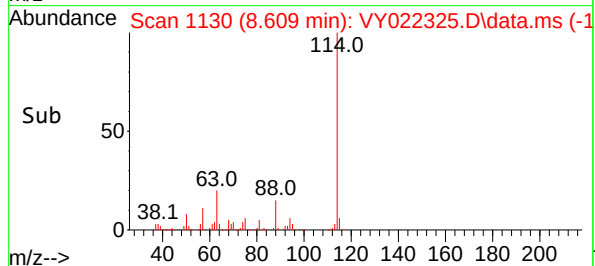
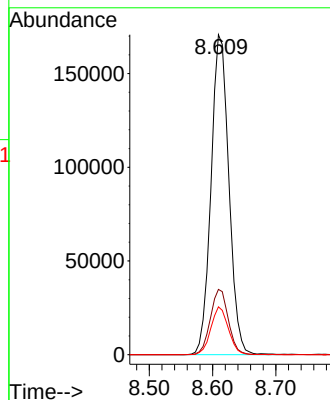
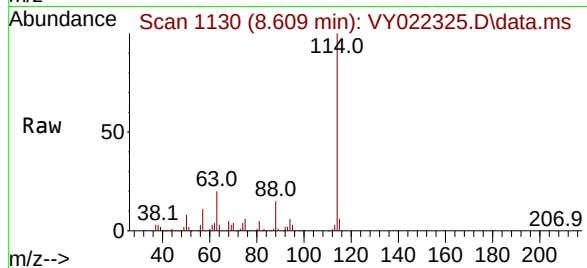
Tgt Ion:114 Resp: 334545

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 15.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 50.191 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY022325.D

Acq: 19 May 2025 17:43

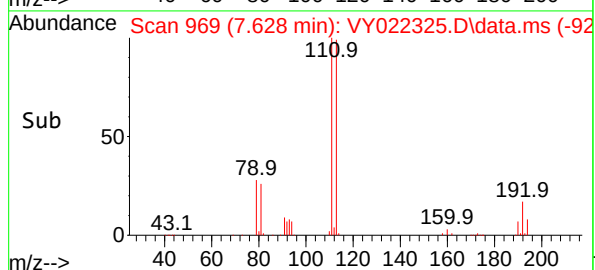
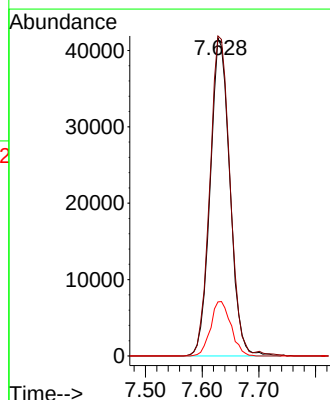
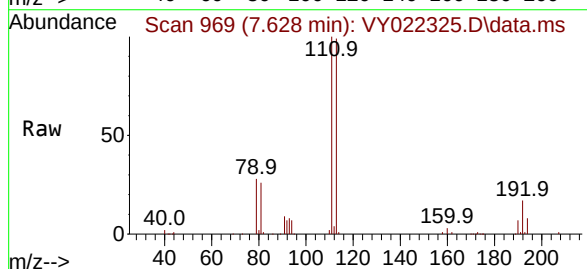
Tgt Ion:113 Resp: 100220

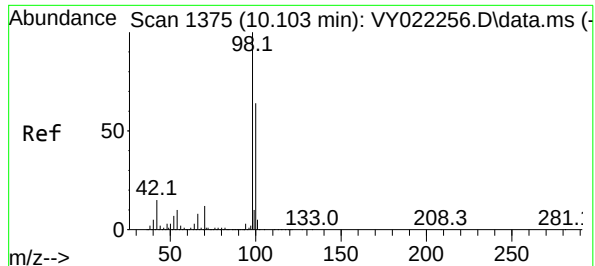
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.7 15.2 22.8





#50

Toluene-d8

Concen: 48.877 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022325.D

Acq: 19 May 2025 17:43

Instrument :

MSVOA_Y

ClientSampleId :

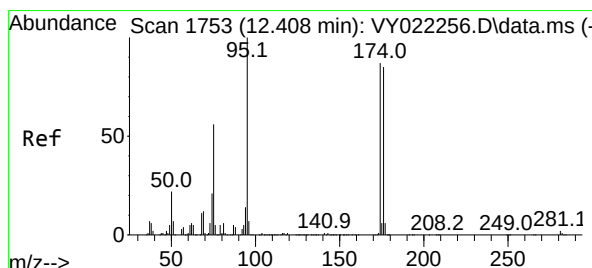
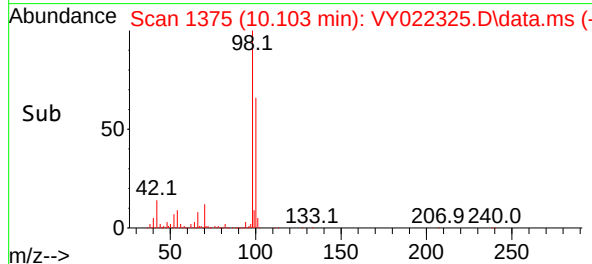
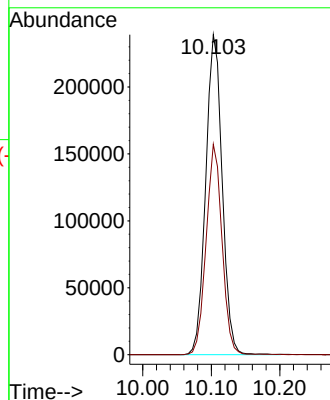
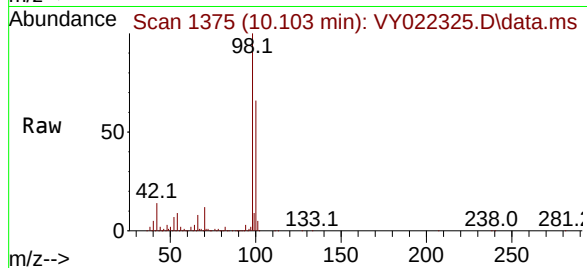
VOC

Tgt Ion: 98 Resp: 399710

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 39.659 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022325.D

Acq: 19 May 2025 17:43

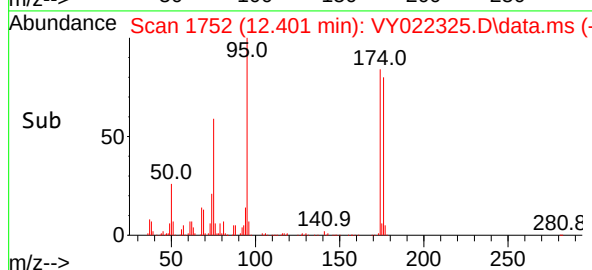
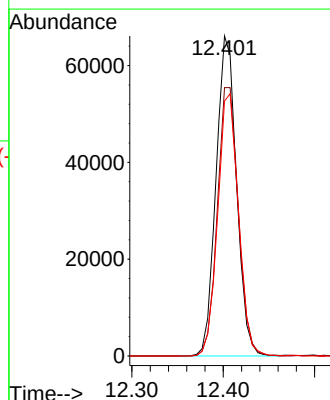
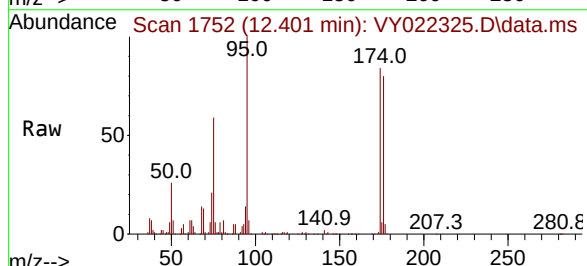
Tgt Ion: 95 Resp: 102799

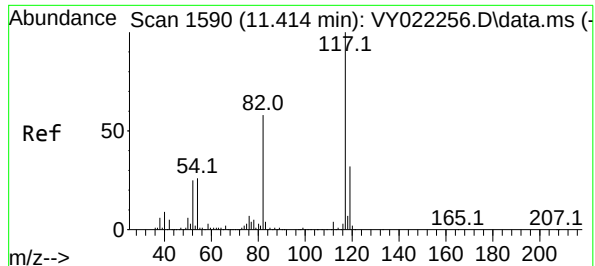
Ion Ratio Lower Upper

95 100

174 86.0 0.0 166.8

176 83.3 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022325.D

Acq: 19 May 2025 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VOC

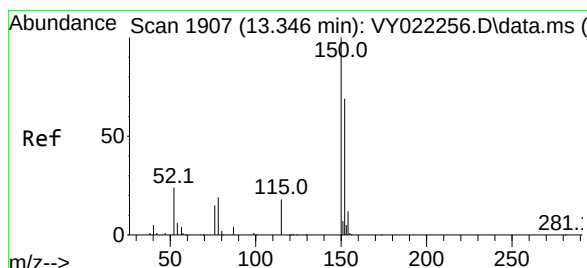
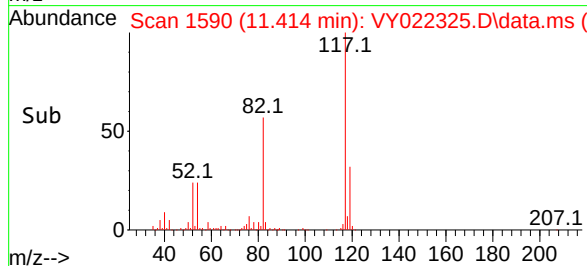
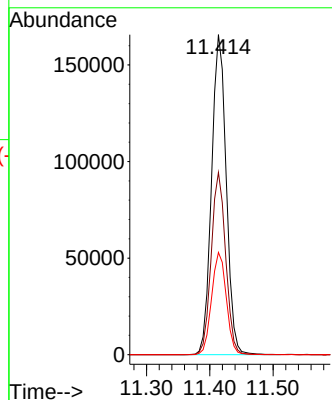
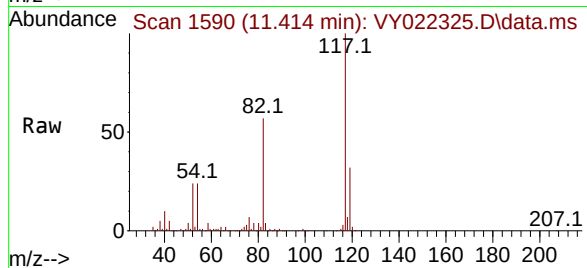
Tgt Ion:117 Resp: 266650

Ion Ratio Lower Upper

117 100

82 56.9 46.6 70.0

119 32.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022325.D

Acq: 19 May 2025 17:43

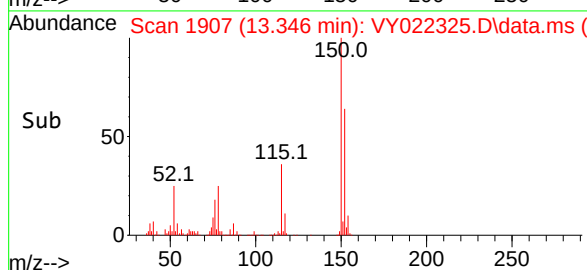
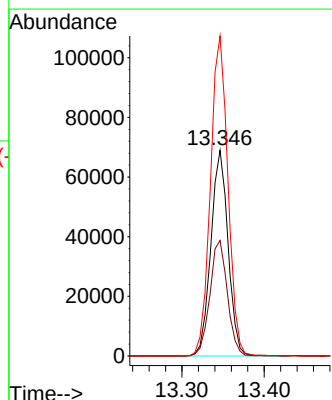
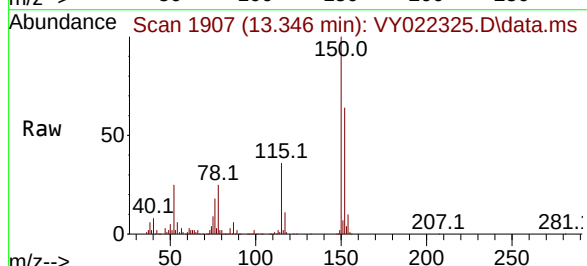
Tgt Ion:152 Resp: 100148

Ion Ratio Lower Upper

152 100

115 57.2 29.4 88.2

150 158.0 0.0 353.8





CALIBRATION SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCIA01
 Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG No.: Q2021
 Instrument ID: MSVOA_Y Calibration Date(s): 05/15/2025 05/15/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:46 11:47
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF005 = VY022253.D			RRF010 = VY022254.D		RRF020 = VY022255.D			
	RRF050 = VY022256.D			RRF100 = VY022257.D		RRF150 = VY022258.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.546	0.587	0.541	0.507	0.470	0.479	0.522	8.5	
Chloromethane	1.212	1.237	1.153	1.042	1.046	0.894	1.097	11.7	
Vinyl Chloride	1.265	1.317	1.264	1.210	1.190	1.110	1.226	5.9	
Bromomethane	1.107	1.033	1.058	0.877	0.955	0.959	0.998	8.3	
Chloroethane	0.751	0.814	0.796	0.756	0.733	0.727	0.763	4.6	
Trichlorofluoromethane	1.254	1.292	1.260	1.214	1.211	1.217	1.241	2.6	
1,1,2-Trichlorotrifluoroethane	0.548	0.577	0.544	0.538	0.507	0.520	0.539	4.5	
1,1-Dichloroethene	0.545	0.544	0.540	0.539	0.518	0.523	0.535	2.2	
Acetone	0.126	0.114	0.096	0.093	0.094	0.092	0.102	13.6	
Carbon Disulfide	1.768	1.822	1.764	1.753	1.679	1.679	1.744	3.2	
Methyl tert-butyl Ether	1.463	1.523	1.393	1.459	1.504	1.507	1.475	3.2	
Methyl Acetate	0.349	0.308	0.286	0.302	0.346	0.347	0.323	8.6	
Methylene Chloride	0.797	0.811	0.646	0.597	0.570	0.552	0.662	17.3	
trans-1,2-Dichloroethene	0.577	0.609	0.603	0.592	0.580	0.581	0.590	2.2	
1,1-Dichloroethane	1.112	1.136	1.099	1.117	1.093	1.082	1.106	1.7	
Cyclohexane	1.300	1.191	1.077	1.055	0.998	1.011	1.105	10.6	
2-Butanone	0.180	0.181	0.158	0.161	0.174	0.174	0.171	5.6	
Carbon Tetrachloride	0.485	0.524	0.494	0.516	0.509	0.524	0.509	3.2	
cis-1,2-Dichloroethene	0.662	0.687	0.668	0.691	0.687	0.693	0.681	1.9	
Bromochloromethane	0.463	0.484	0.467	0.473	0.469	0.476	0.472	1.6	
Chloroform	1.032	1.079	1.067	1.079	1.054	1.057	1.061	1.7	
1,1,1-Trichloroethane	1.007	0.997	0.960	0.969	0.944	0.964	0.974	2.4	
Methylcyclohexane	0.664	0.678	0.645	0.670	0.639	0.667	0.660	2.3	
Benzene	1.369	1.462	1.435	1.499	1.482	1.496	1.457	3.4	
1,2-Dichloroethane	0.381	0.399	0.378	0.402	0.403	0.402	0.394	2.9	
Trichloroethene	0.358	0.366	0.361	0.371	0.356	0.363	0.362	1.5	
1,2-Dichloropropane	0.337	0.361	0.344	0.357	0.354	0.355	0.351	2.6	
Bromodichloromethane	0.466	0.494	0.476	0.506	0.504	0.504	0.492	3.4	
4-Methyl-2-Pentanone	0.238	0.247	0.230	0.253	0.275	0.275	0.253	7.4	
Toluene	0.871	0.924	0.890	0.944	0.947	0.961	0.923	3.8	

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCIA01
 Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG No.: Q2021
 Instrument ID: MSVOA_Y Calibration Date(s): 05/15/2025 05/15/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:46 11:47
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF005 = VY022253.D		RRF010 = VY022254.D		RRF020 = VY022255.D		
		RRF050 = VY022256.D		RRF100 = VY022257.D		RRF150 = VY022258.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.464	0.473	0.457	0.487	0.498	0.499	0.480	3.7
cis-1,3-Dichloropropene	0.523	0.548	0.535	0.562	0.562	0.568	0.550	3.2
1,1,2-Trichloroethane	0.241	0.243	0.232	0.243	0.248	0.249	0.243	2.4
2-Hexanone	0.167	0.167	0.151	0.166	0.183	0.185	0.170	7.4
Dibromochloromethane	0.296	0.314	0.298	0.323	0.329	0.330	0.315	4.9
1,2-Dibromoethane	0.221	0.228	0.214	0.227	0.234	0.232	0.226	3.2
Tetrachloroethene	0.474	0.481	0.470	0.474	0.446	0.429	0.462	4.4
Chlorobenzene	1.112	1.110	1.106	1.154	1.143	1.143	1.128	1.9
Ethyl Benzene	2.014	2.043	2.049	2.175	2.173	2.222	2.113	4.1
m/p-Xylenes	0.749	0.770	0.763	0.818	0.825	0.852	0.796	5.2
o-Xylene	0.704	0.741	0.723	0.768	0.782	0.802	0.753	4.9
Styrene	1.182	1.214	1.210	1.303	1.335	1.380	1.270	6.3
Bromoform	0.202	0.214	0.194	0.209	0.219	0.217	0.209	4.5
Isopropylbenzene	4.157	4.192	4.100	4.197	4.028	4.181	4.142	1.6
1,1,2,2-Tetrachloroethane	0.656	0.647	0.581	0.628	0.645	0.666	0.637	4.8
1,3-Dichlorobenzene	1.757	1.774	1.715	1.838	1.839	1.914	1.806	4
1,4-Dichlorobenzene	1.759	1.765	1.706	1.750	1.723	1.720	1.737	1.4
1,2-Dichlorobenzene	1.526	1.520	1.479	1.534	1.520	1.523	1.517	1.3
1,2-Dibromo-3-Chloropropane	0.107	0.104	0.093	0.100	0.109	0.104	0.103	5.7
1,2,4-Trichlorobenzene	0.860	0.845	0.848	0.900	0.904	0.902	0.876	3.2
1,2,3-Trichlorobenzene	0.753	0.721	0.702	0.752	0.777	0.756	0.743	3.6
1,2-Dichloroethane-d4	0.547	0.559	0.527	0.541	0.545	0.560	0.546	2.2
Dibromofluoromethane	0.294	0.294	0.294	0.301	0.297	0.310	0.298	2.2
Toluene-d8	1.224	1.200	1.195	1.230	1.214	1.272	1.222	2.3
4-Bromofluorobenzene	0.390	0.386	0.368	0.387	0.387	0.407	0.387	3.3

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y051525S.M
 Title : SW846 8260
 Last Update : Fri May 16 01:42:09 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY022253.D 10 =VY022254.D 20 =VY022255.D 50 =VY022256.D 100 =VY022257.D 150 =VY022258.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.546	0.587	0.541	0.507	0.470	0.479	0.522	8.51
3) P	Chloromethane	1.212	1.237	1.153	1.042	1.046	0.894	1.097	11.72
4) C	Vinyl Chloride	1.265	1.317	1.264	1.210	1.190	1.110	1.226	5.91#
5) T	Bromomethane	1.107	1.033	1.058	0.877	0.955	0.959	0.998	8.33
6) T	Chloroethane	0.751	0.814	0.796	0.756	0.733	0.727	0.763	4.56
7) T	Trichlorofluor...	1.254	1.292	1.260	1.214	1.211	1.217	1.241	2.64
8) T	Diethyl Ether	0.305	0.320	0.283	0.294	0.295	0.291	0.298	4.33
9) T	1,1,2-Trichlor...	0.548	0.577	0.544	0.538	0.507	0.520	0.539	4.50
10) T	Methyl Iodide	0.559	0.586	0.620	0.687	0.651	0.638	0.624	7.35
11) T	Tert butyl alc...	0.045	0.045	0.037	0.039	0.042	0.042	0.042	7.70
12) CM	1,1-Dichloroet...	0.545	0.544	0.540	0.539	0.518	0.523	0.535	2.17#
13) T	Acrolein	0.068	0.068	0.057	0.056	0.058	0.058	0.061	8.63
14) T	Allyl chloride	0.888	0.967	0.949	0.959	0.932	0.931	0.938	3.00
15) T	Acrylonitrile	0.123	0.126	0.115	0.120	0.127	0.126	0.123	3.79
16) T	Acetone	0.126	0.114	0.096	0.093	0.094	0.092	0.102	13.64
17) T	Carbon Disulfide	1.768	1.822	1.764	1.753	1.679	1.679	1.744	3.20
18) T	Methyl Acetate	0.349	0.308	0.286	0.302	0.346	0.347	0.323	8.55
19) T	Methyl tert-bu...	1.463	1.523	1.393	1.459	1.504	1.507	1.475	3.22
20) T	Methylene Chlo...	0.797	0.811	0.646	0.597	0.570	0.552	0.662	17.28
21) T	trans-1,2-Dich...	0.577	0.609	0.603	0.592	0.580	0.581	0.590	2.22
22) T	Diisopropyl ether	1.947	2.009	1.937	1.986	2.003	2.001	1.980	1.57
23) T	Vinyl Acetate	1.214	1.225	1.134	1.174	1.214	1.218	1.196	2.99
24) P	1,1-Dichloroet...	1.112	1.136	1.099	1.117	1.093	1.082	1.106	1.73
25) T	2-Butanone	0.180	0.181	0.158	0.161	0.174	0.174	0.171	5.60
26) T	2,2-Dichloropr...	0.994	1.024	0.971	0.987	0.961	0.968	0.984	2.33
27) T	cis-1,2-Dichlo...	0.662	0.687	0.668	0.691	0.687	0.693	0.681	1.91
28) T	Bromochloromet...	0.463	0.484	0.467	0.473	0.469	0.476	0.472	1.62
29) T	Tetrahydrofuran	0.105	0.116	0.102	0.107	0.116	0.116	0.110	5.98
30) C	Chloroform	1.032	1.079	1.067	1.079	1.054	1.057	1.061	1.66#
31) T	Cyclohexane	1.300	1.191	1.077	1.055	0.998	1.011	1.105	10.63
32) T	1,1,1-Trichlor...	1.007	0.997	0.960	0.969	0.944	0.964	0.974	2.43
33) S	1,2-Dichloroet...	0.547	0.559	0.527	0.541	0.545	0.560	0.546	2.24
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.294	0.294	0.294	0.301	0.297	0.310	0.298	2.17
36) T	1,1-Dichloropr...	0.474	0.502	0.488	0.505	0.484	0.496	0.492	2.39
37) T	Ethyl Acetate	0.253	0.231	0.219	0.234	0.240	0.241	0.237	4.87
38) T	Carbon Tetrach...	0.485	0.524	0.494	0.516	0.509	0.524	0.509	3.18
39) T	Methylcyclohexane	0.664	0.678	0.645	0.670	0.639	0.667	0.660	2.30
40) TM	Benzene	1.369	1.462	1.435	1.499	1.482	1.496	1.457	3.37
41) T	Methacrylonitrile	0.153	0.182	0.148	0.158	0.148	0.152	0.157	8.18
42) TM	1,2-Dichloroet...	0.381	0.399	0.378	0.402	0.403	0.402	0.394	2.86
43) T	Isopropyl Acetate	0.510	0.527	0.480	0.514	0.534	0.530	0.516	3.83
44) TM	Trichloroethene	0.358	0.366	0.361	0.371	0.356	0.363	0.362	1.48
45) C	1,2-Dichloropr...	0.337	0.361	0.344	0.357	0.354	0.355	0.351	2.58#
46) T	Dibromomethane	0.189	0.192	0.180	0.189	0.193	0.194	0.189	2.59
47) T	Bromodichlorom...	0.466	0.494	0.476	0.506	0.504	0.504	0.492	3.42
48) T	Methyl methacr...	0.228	0.238	0.224	0.240	0.259	0.259	0.241	6.19
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	4.33
50) S	Toluene-d8	1.224	1.200	1.195	1.230	1.214	1.272	1.222	2.26
51) T	4-Methyl-2-Pen...	0.238	0.247	0.230	0.253	0.275	0.275	0.253	7.43
52) CM	Toluene	0.871	0.924	0.890	0.944	0.947	0.961	0.923	3.82#
53) T	t-1,3-Dichloro...	0.464	0.473	0.457	0.487	0.498	0.499	0.480	3.71
54) T	cis-1,3-Dichlo...	0.523	0.548	0.535	0.562	0.562	0.568	0.550	3.22
55) T	1,1,2-Trichlor...	0.241	0.243	0.232	0.243	0.248	0.249	0.243	2.42
56) T	Ethyl methacry...	0.370	0.362	0.354	0.381	0.398	0.403	0.378	5.26

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y051525S.M

57)	T	1,3-Dichloropr...	0.418	0.436	0.413	0.438	0.442	0.440	0.431	2.80
58)	T	2-Chloroethyl ...	0.141	0.150	0.144	0.183	0.197	0.203	0.170	16.60
59)	T	2-Hexanone	0.167	0.167	0.151	0.166	0.183	0.185	0.170	7.38
60)	T	Dibromochlorom...	0.296	0.314	0.298	0.323	0.329	0.330	0.315	4.88
61)	T	1,2-Dibromoethane	0.221	0.228	0.214	0.227	0.234	0.232	0.226	3.22
62)	S	4-Bromofluorob...	0.390	0.386	0.368	0.387	0.387	0.407	0.387	3.25
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.474	0.481	0.470	0.474	0.446	0.429	0.462	4.37
65)	PM	Chlorobenzene	1.112	1.110	1.106	1.154	1.143	1.143	1.128	1.87
66)	T	1,1,1,2-Tetrac...	0.373	0.377	0.372	0.394	0.399	0.411	0.388	4.14
67)	C	Ethyl Benzene	2.014	2.043	2.049	2.175	2.173	2.222	2.113	4.13#
68)	T	m/p-Xylenes	0.749	0.770	0.763	0.818	0.825	0.852	0.796	5.16
69)	T	o-Xylene	0.704	0.741	0.723	0.768	0.782	0.802	0.753	4.93
70)	T	Styrene	1.182	1.214	1.210	1.303	1.335	1.380	1.270	6.28
71)	P	Bromoform	0.202	0.214	0.194	0.209	0.219	0.217	0.209	4.53
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.157	4.192	4.100	4.197	4.028	4.181	4.142	1.60
74)	T	N-amyl acetate	1.195	1.173	1.114	1.159	1.235	1.232	1.185	3.91
75)	P	1,1,2,2-Tetrac...	0.656	0.647	0.581	0.628	0.645	0.666	0.637	4.77
76)	T	1,2,3-Trichlor...	0.522	0.467	0.516	0.501	0.521	0.514	0.507	4.12
77)	T	Bromobenzene	0.887	0.885	0.848	0.895	0.889	0.904	0.885	2.17
78)	T	n-propylbenzene	5.031	5.047	4.904	5.127	4.865	5.006	4.996	1.93
79)	T	2-Chlorotoluene	2.715	2.786	2.694	2.804	2.704	2.772	2.746	1.71
80)	T	1,3,5-Trimethy...	3.393	3.386	3.275	3.410	3.251	3.349	3.344	1.98
81)	T	trans-1,4-Dich...	0.269	0.260	0.241	0.237	0.246	0.248	0.250	4.80
82)	T	4-Chlorotoluene	2.801	2.829	2.744	2.907	2.797	2.867	2.824	2.02
83)	T	tert-Butylbenzene	3.037	2.974	2.900	3.029	2.879	3.014	2.972	2.29
84)	T	1,2,4-Trimethy...	3.189	3.349	3.206	3.413	3.329	3.431	3.319	3.07
85)	T	sec-Butylbenzene	4.390	4.461	4.318	4.573	4.307	4.421	4.412	2.24
86)	T	p-Isopropyltol...	3.598	3.610	3.573	3.818	3.754	3.911	3.710	3.72
87)	T	1,3-Dichlorobe...	1.757	1.774	1.715	1.838	1.839	1.914	1.806	3.96
88)	T	1,4-Dichlorobe...	1.759	1.765	1.706	1.750	1.723	1.720	1.737	1.39
89)	T	n-Butylbenzene	3.419	3.500	3.490	3.668	3.452	3.533	3.510	2.47
90)	T	Hexachloroethane	0.773	0.759	0.736	0.761	0.726	0.740	0.749	2.36
91)	T	1,2-Dichlorobe...	1.526	1.520	1.479	1.534	1.520	1.523	1.517	1.27
92)	T	1,2-Dibromo-3-...	0.107	0.104	0.093	0.100	0.109	0.104	0.103	5.68
93)	T	1,2,4-Trichlor...	0.860	0.845	0.848	0.900	0.904	0.902	0.876	3.23
94)	T	Hexachlorobuta...	0.511	0.485	0.496	0.502	0.474	0.464	0.489	3.56
95)	T	Naphthalene	1.704	1.579	1.527	1.653	1.778	1.737	1.663	5.78
96)	T	1,2,3-Trichlor...	0.753	0.721	0.702	0.752	0.777	0.756	0.743	3.64

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022253.D
 Acq On : 15 May 2025 09:46
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:20:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	276170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	470488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	385399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	174003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	15118	5.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.020%#		
35) Dibromofluoromethane	7.634	113	13854	4.933	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.860%#		
50) Toluene-d8	10.109	98	57575	5.006	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.020%#		
62) 4-Bromofluorobenzene	12.408	95	18328	5.028	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.060%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15071	5.230	ug/l	96
3) Chloromethane	2.068	50	33477	5.523	ug/l	100
4) Vinyl Chloride	2.208	62	34943	5.159	ug/l	96
5) Bromomethane	2.598	94	30561	5.543	ug/l	99
6) Chloroethane	2.739	64	20741	4.923	ug/l	97
7) Trichlorofluoromethane	3.056	101	34641	5.052	ug/l	98
8) Diethyl Ether	3.458	74	8435	5.126	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	15124	5.081	ug/l	95
10) Methyl Iodide	4.013	142	15449	4.484	ug/l	99
11) Tert butyl alcohol	4.879	59	6159	26.722	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	15064	5.099	ug/l	93
13) Acrolein	3.653	56	9366	27.796	ug/l	94
14) Allyl chloride	4.385	41	24537	4.737	ug/l	94
15) Acrylonitrile	5.061	53	17036	25.125	ug/l	100
16) Acetone	3.879	43	17340	30.639	ug/l	91
17) Carbon Disulfide	4.110	76	48817	5.068	ug/l	99
18) Methyl Acetate	4.391	43	9639m	5.597	ug/l	
19) Methyl tert-butyl Ether	5.128	73	40392	4.959	ug/l	97
20) Methylene Chloride	4.610	84	22002	6.016	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	15943	4.889	ug/l	85
22) Diisopropyl ether	6.025	45	53760	4.915	ug/l	97
23) Vinyl Acetate	5.964	43	167594	25.361	ug/l	96
24) 1,1-Dichloroethane	5.921	63	30712	5.026	ug/l	97
25) 2-Butanone	6.903	43	24805	26.203	ug/l	91
26) 2,2-Dichloropropane	6.884	77	27440	5.048	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	18276	4.857	ug/l	98
28) Bromochloromethane	7.250	49	12774	4.901	ug/l	98
29) Tetrahydrofuran	7.268	42	14502	23.811	ug/l	93
30) Chloroform	7.421	83	28505	4.863	ug/l	94
31) Cyclohexane	7.701	56	35904	5.880	ug/l #	89
32) 1,1,1-Trichloroethane	7.622	97	27801	5.170	ug/l	96
36) 1,1-Dichloropropene	7.841	75	22314	4.824	ug/l	97
37) Ethyl Acetate	6.994	43	11910	5.352	ug/l	96
38) Carbon Tetrachloride	7.823	117	22826	4.768	ug/l	98
39) Methylcyclohexane	9.109	83	31218	5.024	ug/l	98
40) Benzene	8.085	78	64430	4.699	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022253.D
 Acq On : 15 May 2025 09:46
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:20:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	7201m	4.422	ug/l	
42) 1,2-Dichloroethane	8.158	62	17934	4.837	ug/l	97
43) Isopropyl Acetate	8.201	43	23979	4.941	ug/l	99
44) Trichloroethene	8.872	130	16852	4.943	ug/l	95
45) 1,2-Dichloropropane	9.146	63	15855	4.796	ug/l	95
46) Dibromomethane	9.238	93	8879	4.980	ug/l	92
47) Bromodichloromethane	9.427	83	21906	4.736	ug/l #	95
48) Methyl methacrylate	9.225	41	10729	4.727	ug/l	98
49) 1,4-Dioxane	9.244	88	1962	97.404	ug/l #	78
51) 4-Methyl-2-Pentanone	10.000	43	55880	23.464	ug/l	97
52) Toluene	10.170	92	41001	4.722	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	21842	4.839	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	24609	4.758	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	11333	4.964	ug/l #	89
56) Ethyl methacrylate	10.438	69	17420	4.898	ug/l	98
57) 1,3-Dichloropropane	10.725	76	19684	4.852	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	33215	20.807	ug/l	100
59) 2-Hexanone	10.762	43	39307	24.617	ug/l	100
60) Dibromochloromethane	10.914	129	13908	4.693	ug/l	98
61) 1,2-Dibromoethane	11.018	107	10391	4.883	ug/l	94
64) Tetrachloroethene	10.652	164	18255	5.125	ug/l	96
65) Chlorobenzene	11.444	112	42844	4.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	14385	4.812	ug/l	99
67) Ethyl Benzene	11.524	91	77606	4.766	ug/l	99
68) m/p-Xylenes	11.633	106	57721	9.407	ug/l	99
69) o-Xylene	11.957	106	27130	4.673	ug/l	99
70) Styrene	11.975	104	45556	4.652	ug/l	99
71) Bromoform	12.133	173	7799	4.834	ug/l #	94
73) Isopropylbenzene	12.255	105	72325	5.017	ug/l	98
74) N-amyl acetate	12.072	43	20793	5.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	11422	5.152	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	9076m	2.960	ug/l	
77) Bromobenzene	12.536	156	15441	5.015	ug/l	97
78) n-propylbenzene	12.597	91	87533	5.034	ug/l	98
79) 2-Chlorotoluene	12.682	91	47245	4.944	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	59031	5.073	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	4676	5.373	ug/l	97
82) 4-Chlorotoluene	12.780	91	48737	4.959	ug/l	98
83) tert-Butylbenzene	12.999	119	52841	5.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	55488	4.804	ug/l	97
85) sec-Butylbenzene	13.176	105	76384	4.975	ug/l	97
86) p-Isopropyltoluene	13.292	119	62608	4.849	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	30564	4.863	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	30610	5.063	ug/l	96
89) n-Butylbenzene	13.621	91	59485	4.869	ug/l	99
90) Hexachloroethane	13.883	117	13445	5.158	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	26556	5.030	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1865	5.217	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	14961	4.906	ug/l	94
94) Hexachlorobutadiene	15.029	225	8887	5.226	ug/l	99
95) Naphthalene	15.151	128	29654	5.124	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	13097	5.063	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022253.D
Acq On : 15 May 2025 09:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:20:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

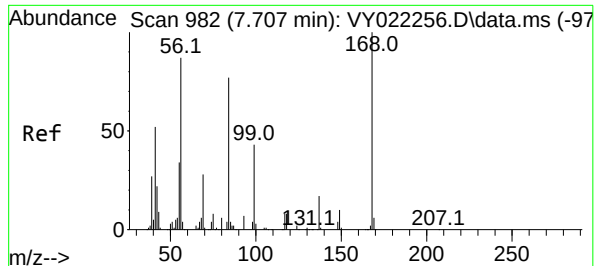
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025





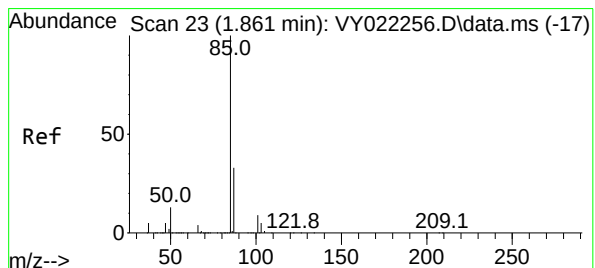
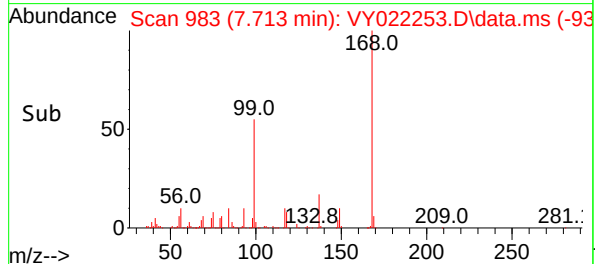
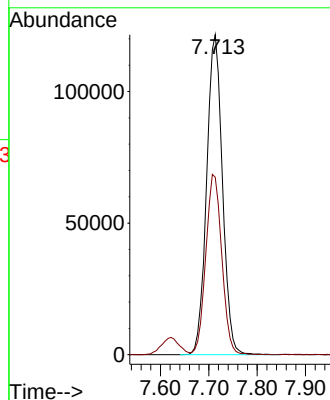
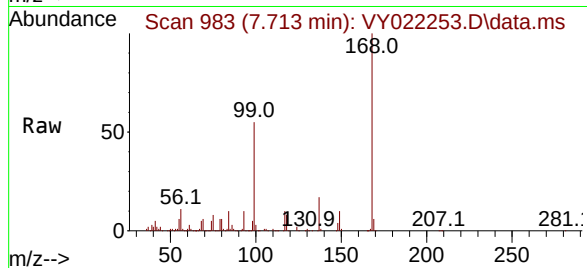
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 276170
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4

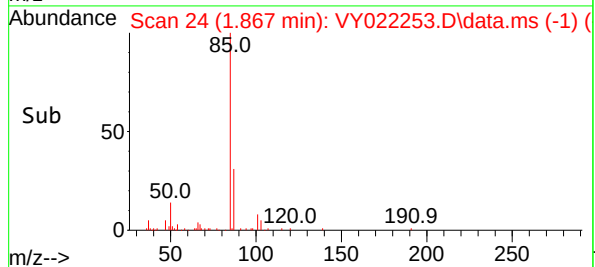
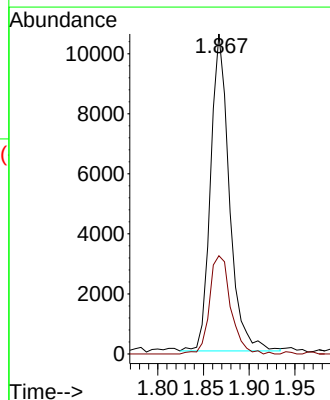
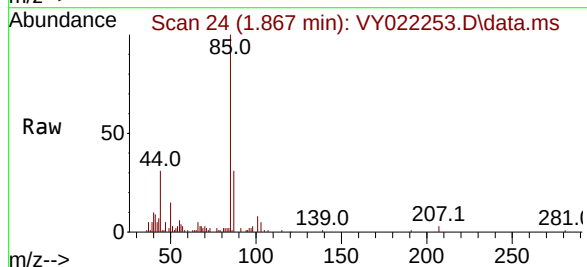
Manual Integrations
APPROVED

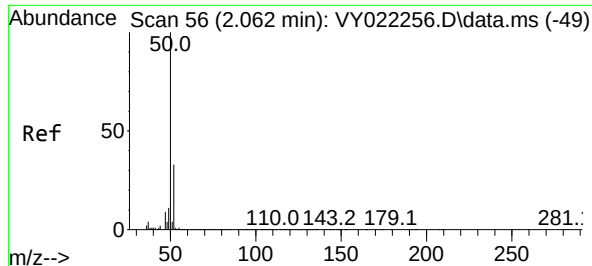
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 5.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

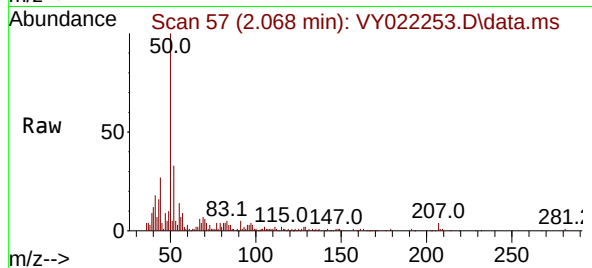
Tgt Ion: 85 Resp: 15071
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5





#3
Chloromethane
Concen: 5.523 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

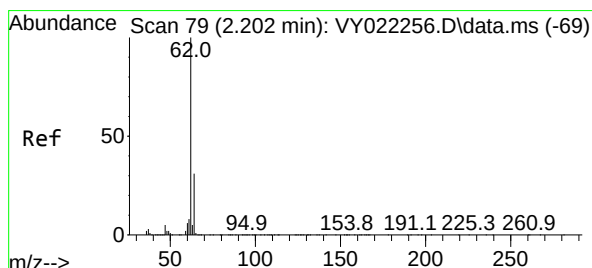
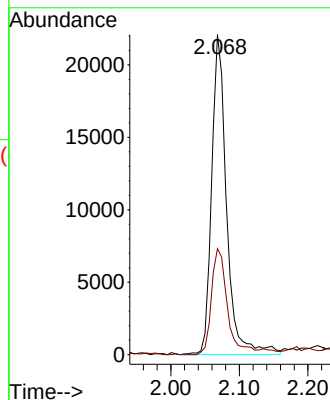
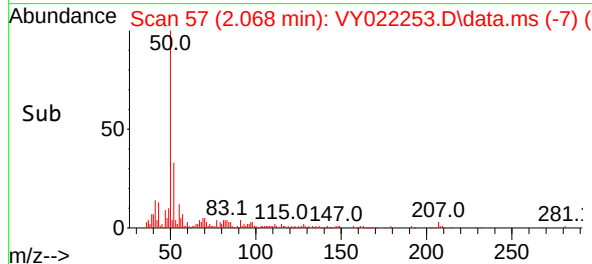
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 3347
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

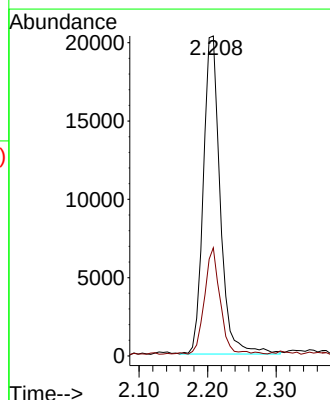
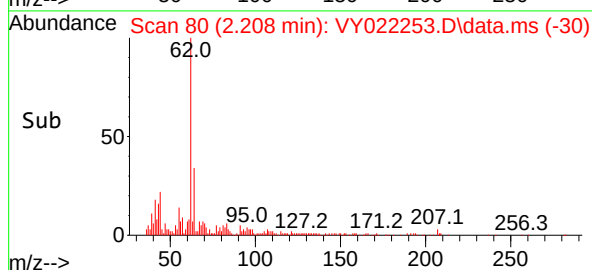
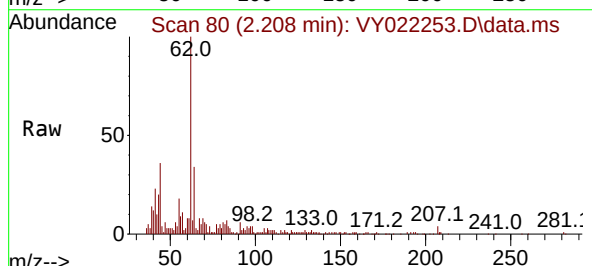
Manual Integrations
APPROVED

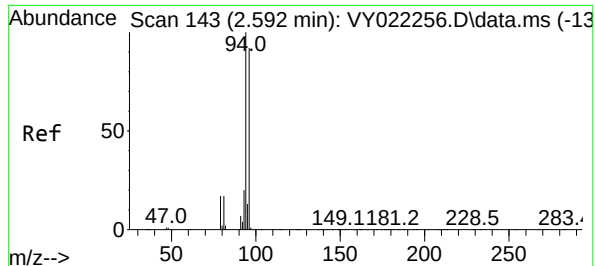
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 5.159 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 62 Resp: 34943
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7





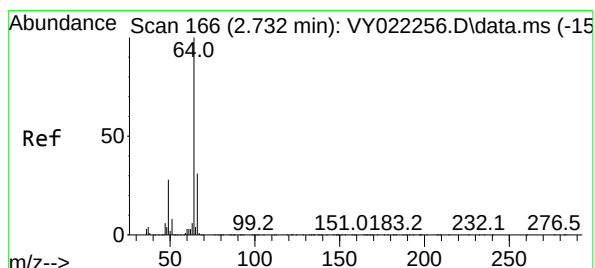
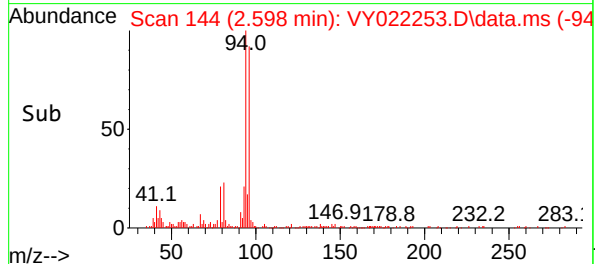
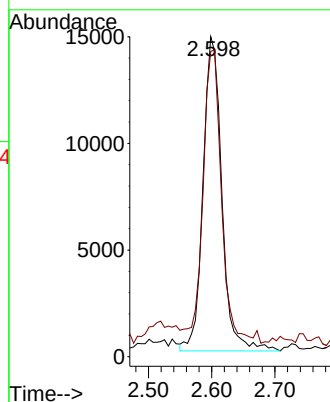
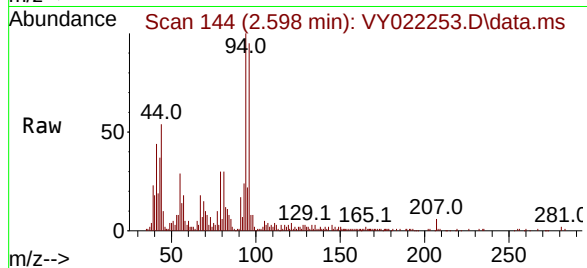
#5
Bromomethane
Concen: 5.543 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 3056
Ion Ratio Lower Upper
94 100
96 90.7 73.4 110.0

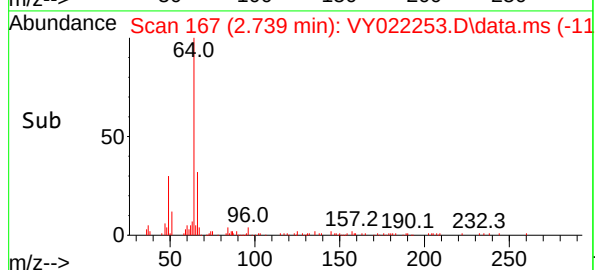
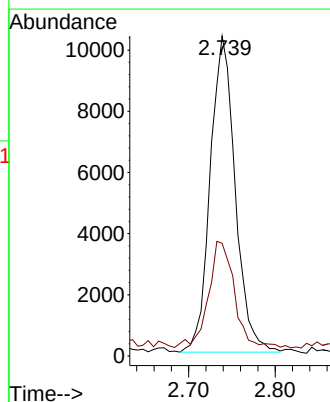
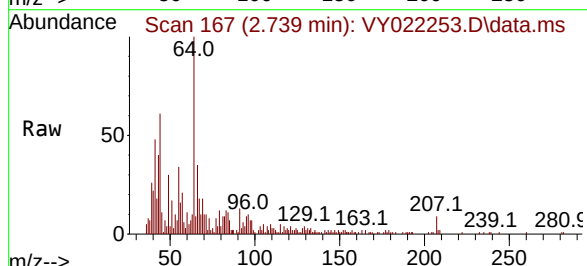
Manual Integrations
APPROVED

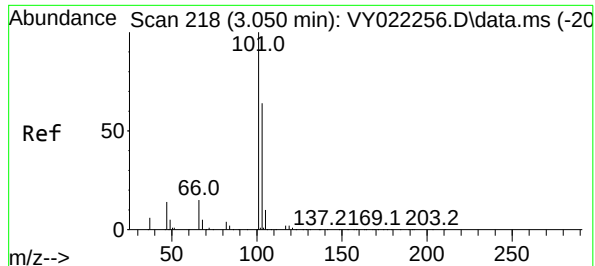
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 4.923 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

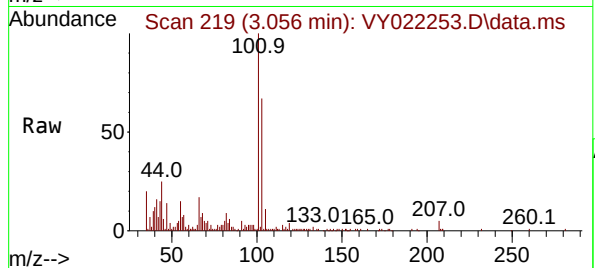
Tgt Ion: 64 Resp: 20741
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2





#7
Trichlorofluoromethane
Concen: 5.052 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

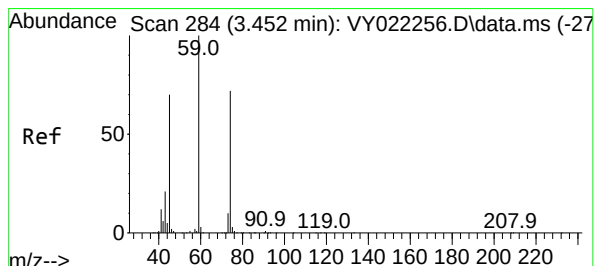
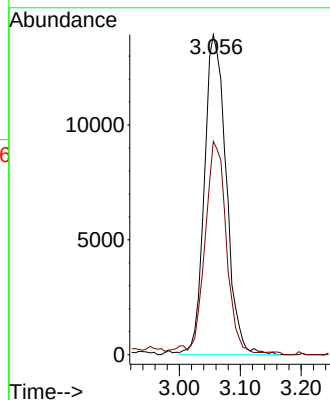
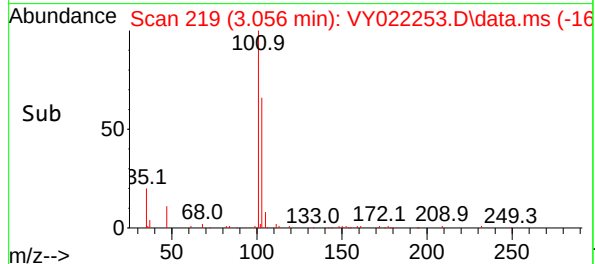
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 3464
Ion Ratio Lower Upper
101 100
103 66.0 51.7 77.5

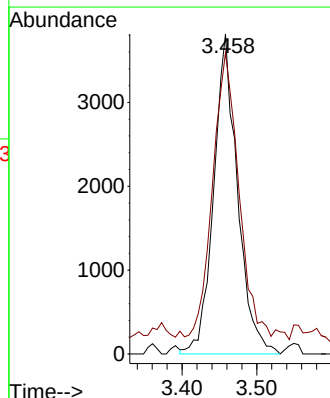
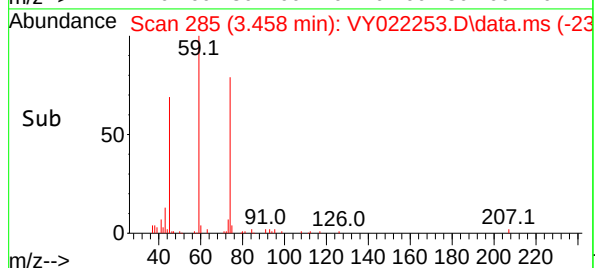
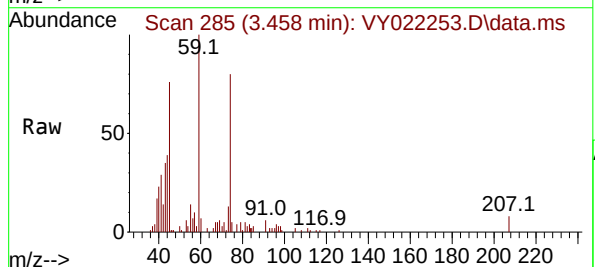
Manual Integrations
APPROVED

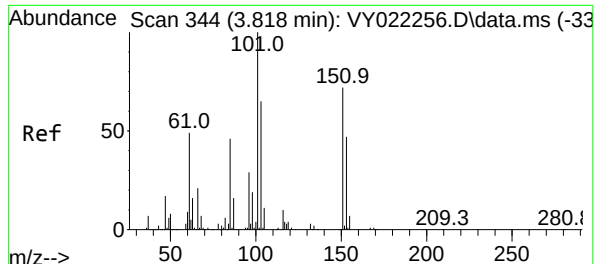
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 5.126 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 74 Resp: 8435
Ion Ratio Lower Upper
74 100
45 96.3 48.6 145.8





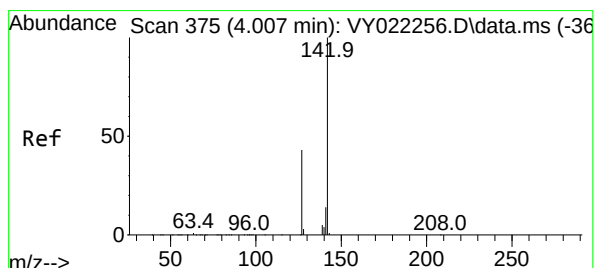
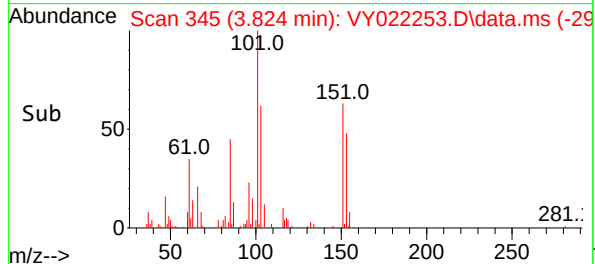
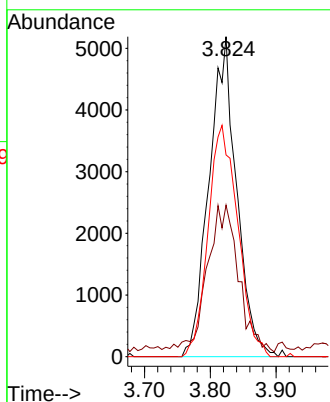
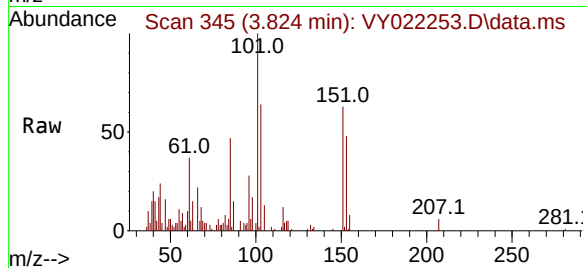
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.081 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 15124
Ion Ratio Lower Upper
101 100
85 52.5 38.6 58.0
151 78.0 59.7 89.5

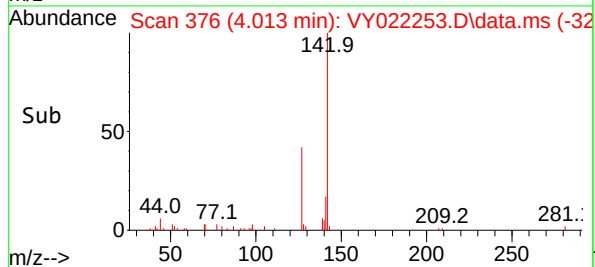
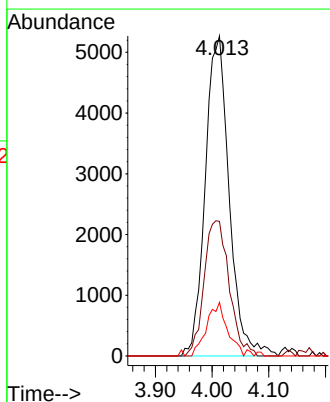
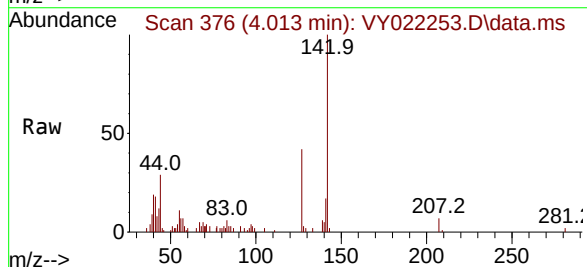
Manual Integrations
APPROVED

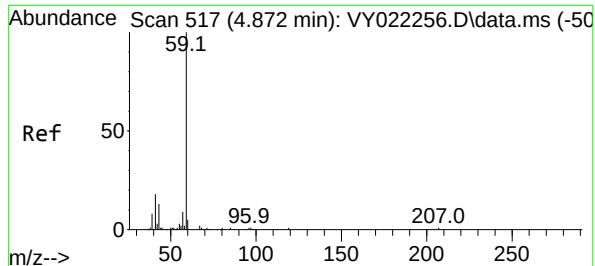
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 4.484 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion:142 Resp: 15449
Ion Ratio Lower Upper
142 100
127 44.4 35.7 53.5
141 14.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 26.722 ug/l

RT: 4.879 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 6159

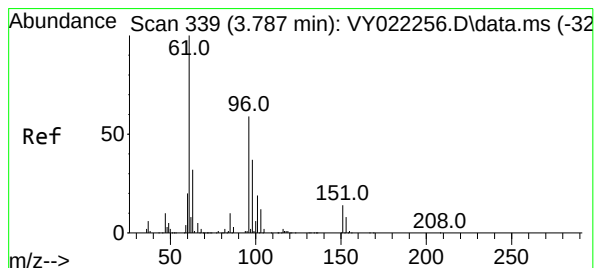
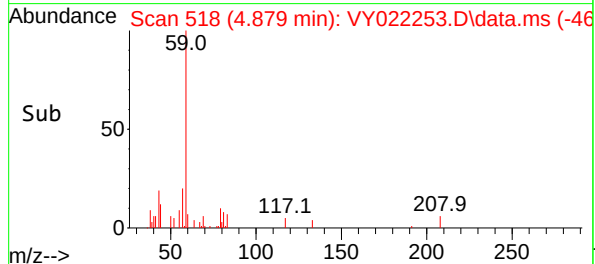
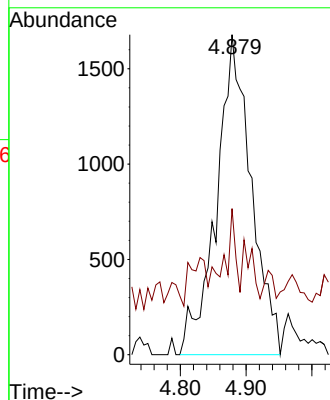
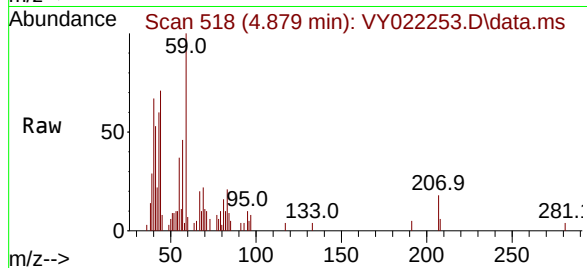
Ion Ratio Lower Upper

59 100

57 5.4 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#12

1,1-Dichloroethene

Concen: 5.099 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

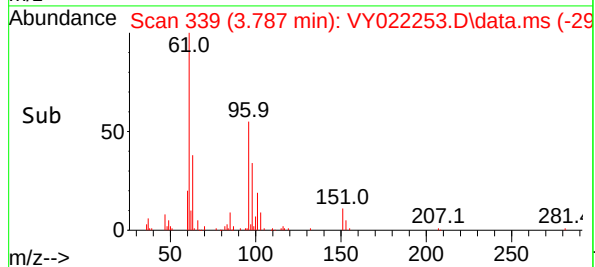
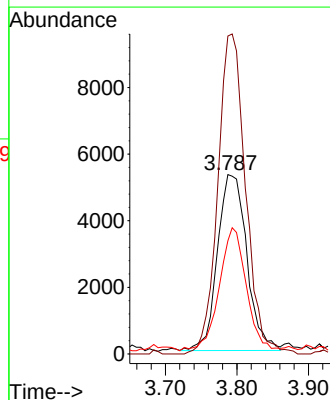
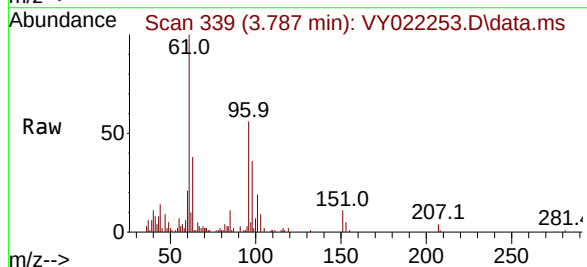
Tgt Ion: 96 Resp: 15064

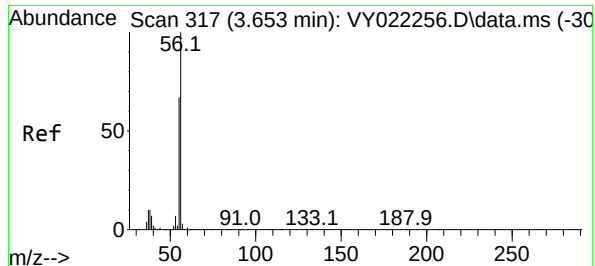
Ion Ratio Lower Upper

96 100

61 180.8 134.9 202.3

98 62.6 49.9 74.9





#13

Acrolein

Concen: 27.796 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 9360

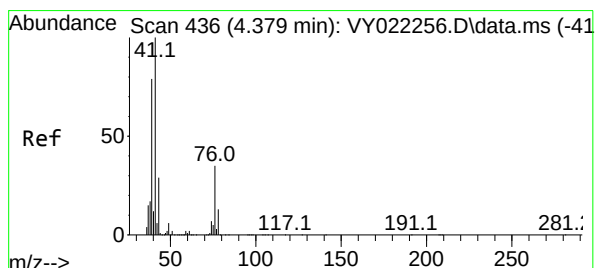
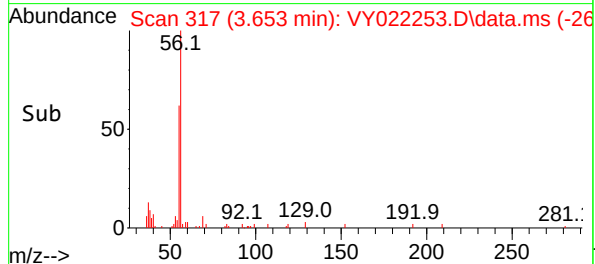
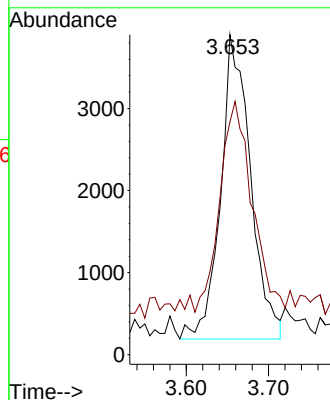
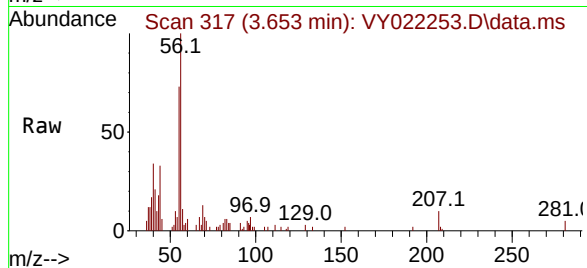
Ion Ratio Lower Upper

56 100

55 74.6 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#14

Allyl chloride

Concen: 4.737 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

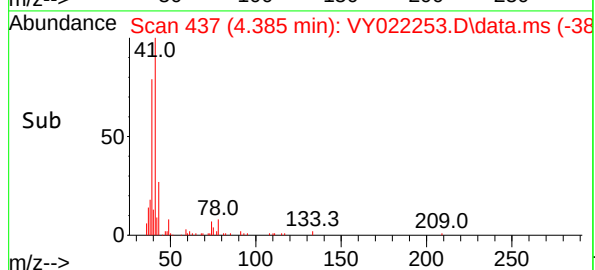
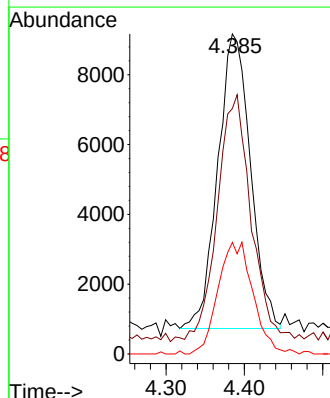
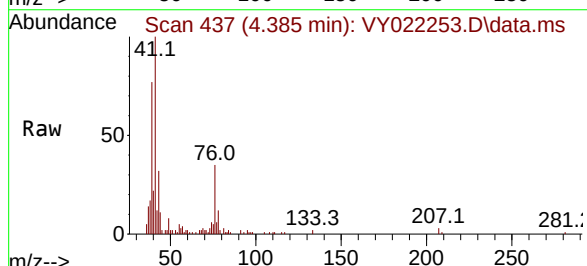
Tgt Ion: 41 Resp: 24537

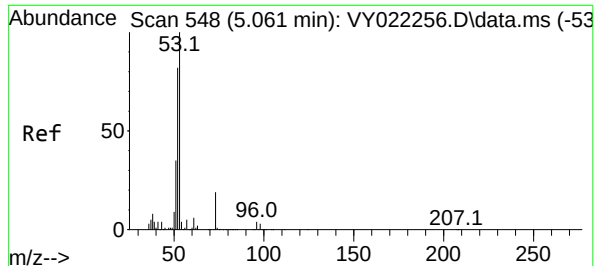
Ion Ratio Lower Upper

41 100

39 83.9 63.4 95.0

76 40.5 29.5 44.3





#15

Acrylonitrile

Concen: 25.125 ug/l

RT: 5.061 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

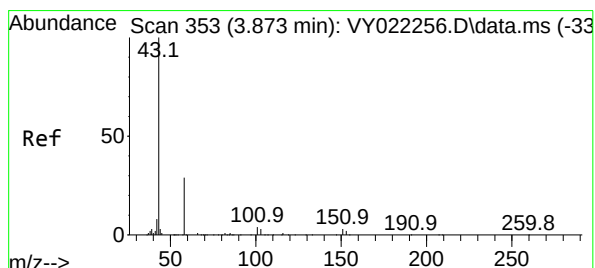
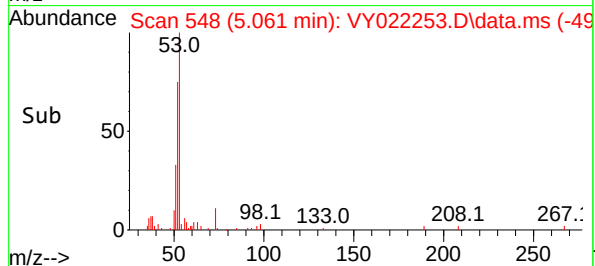
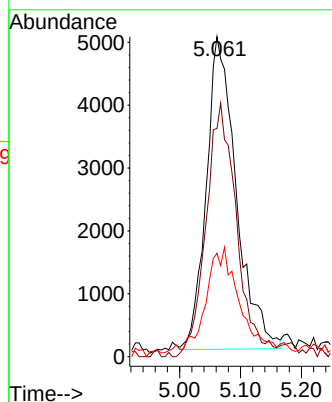
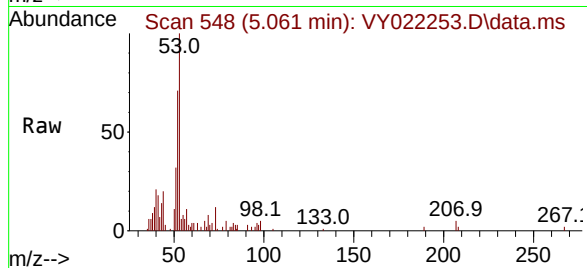
VSTDIC005

Tgt Ion:	53	Resp:	17030
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	38.0	30.0	45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#16

Acetone

Concen: 30.639 ug/l

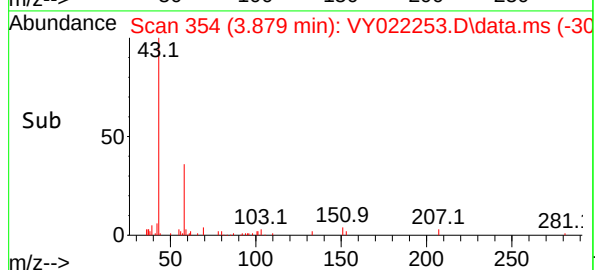
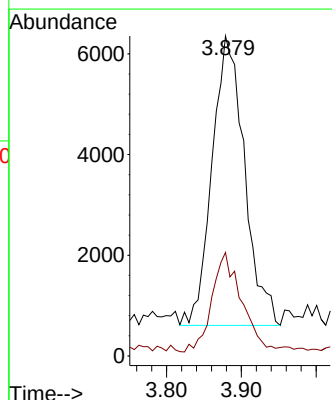
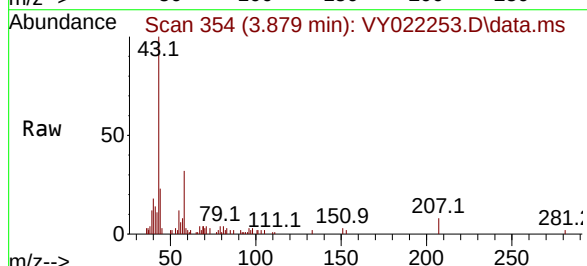
RT: 3.879 min Scan# 354

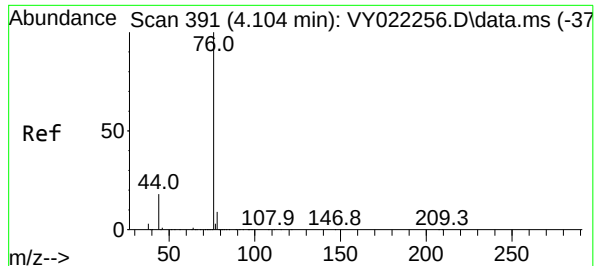
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

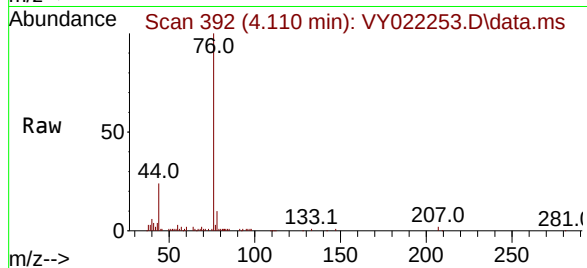
Tgt Ion:	43	Resp:	17340
Ion	Ratio	Lower	Upper
43	100		
58	34.3	23.6	35.4





#17
Carbon Disulfide
Concen: 5.068 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

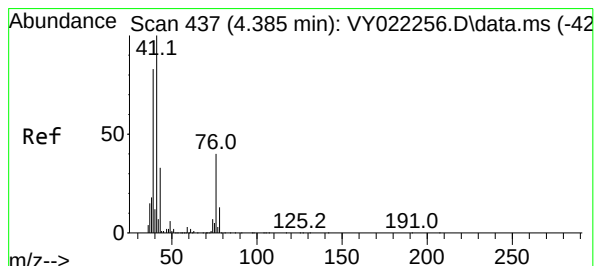
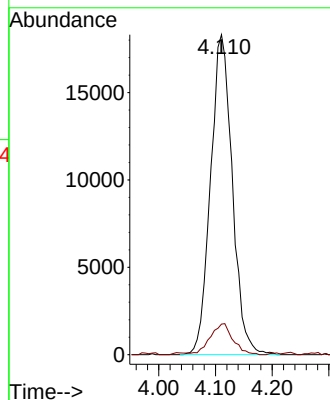
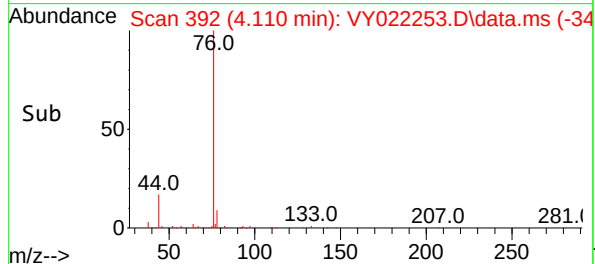
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 4881
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

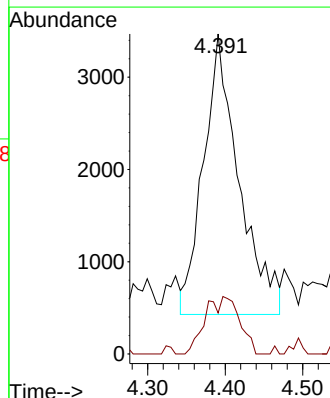
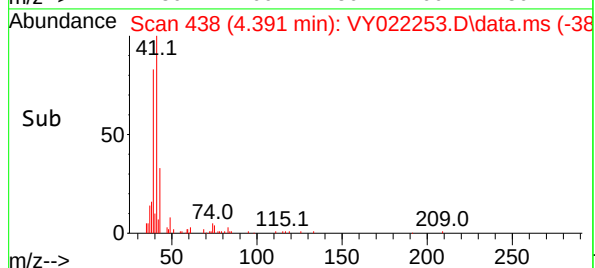
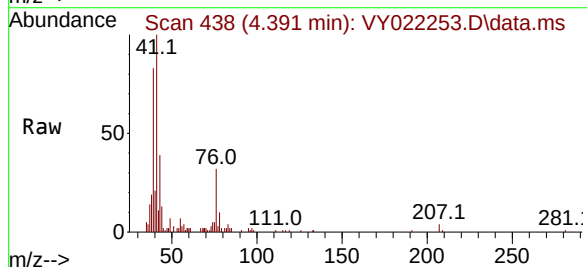
Manual Integrations
APPROVED

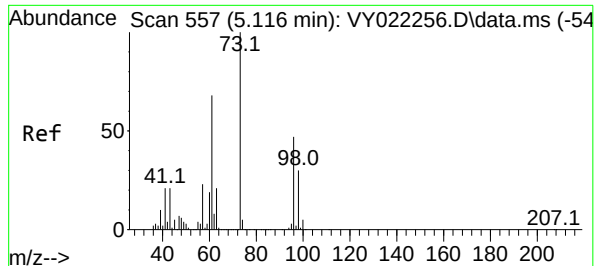
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 5.597 ug/l m
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 43 Resp: 9639
Ion Ratio Lower Upper
43 100
74 8.9 18.2 27.4#





#19

Methyl tert-butyl Ether

Concen: 4.959 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 40392

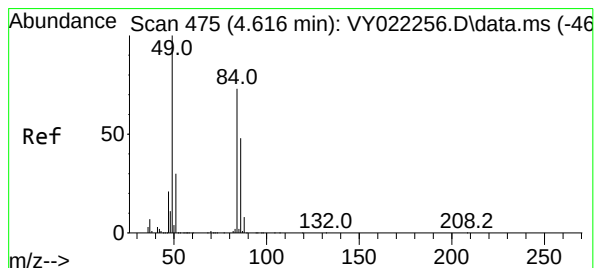
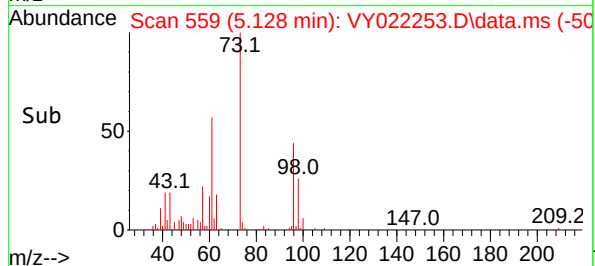
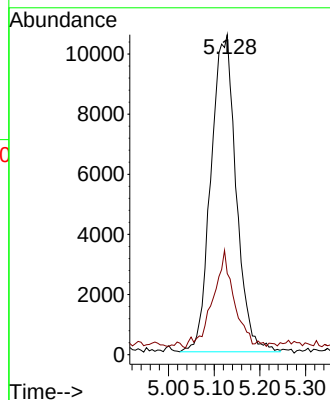
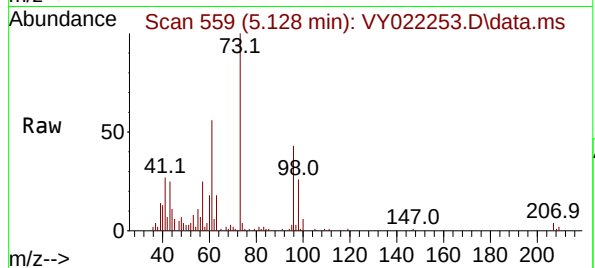
Ion Ratio Lower Upper

73 100

57 22.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#20

Methylene Chloride

Concen: 6.016 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion: 84 Resp: 22002

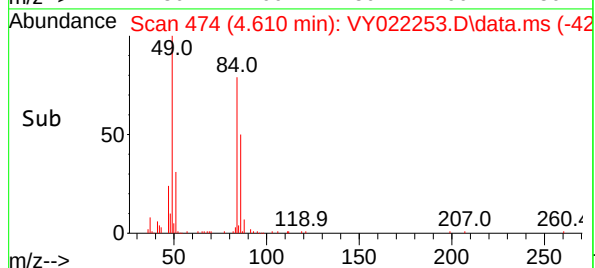
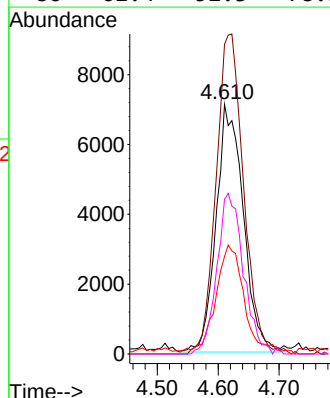
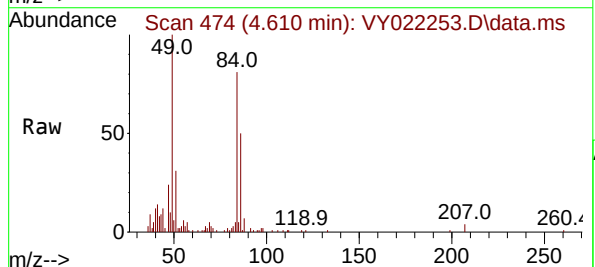
Ion Ratio Lower Upper

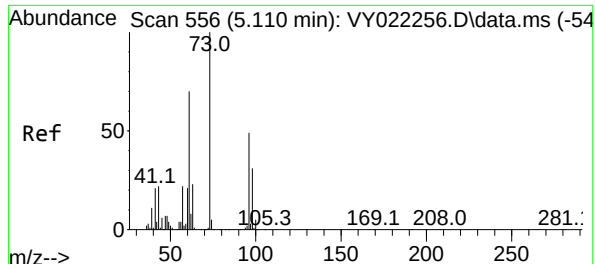
84 100

49 125.0 109.6 164.4

51 38.1 32.4 48.6

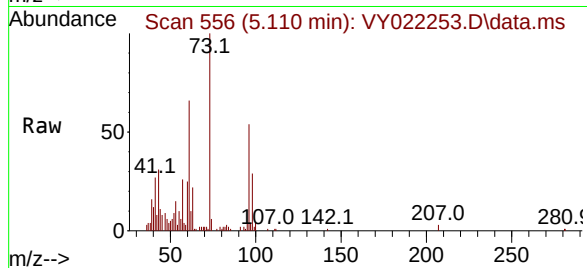
86 62.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 4.889 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

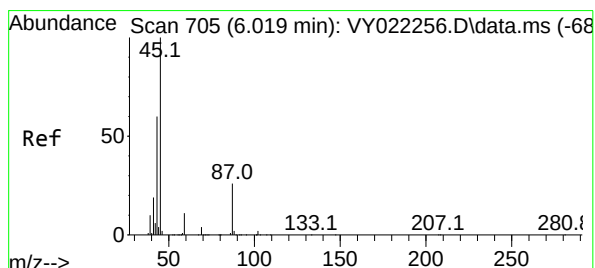
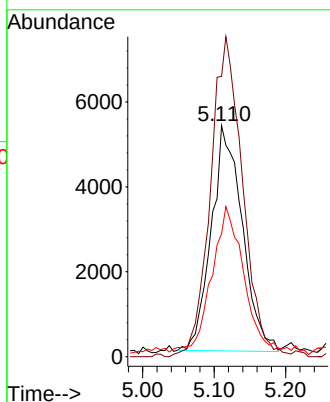
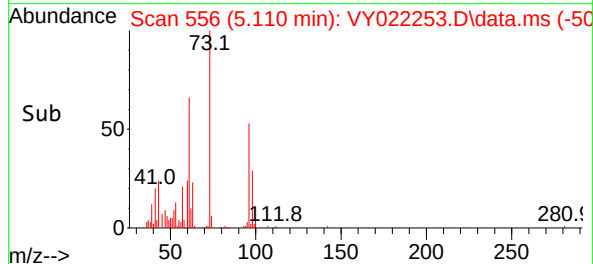
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1594
Ion Ratio Lower Upper
96 100
61 123.1 113.4 170.0
98 51.2 50.9 76.3

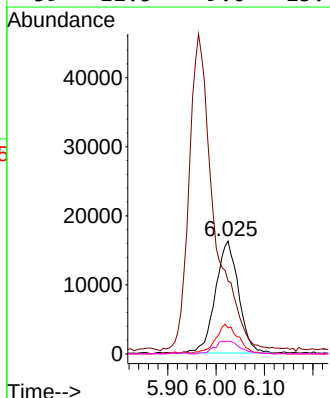
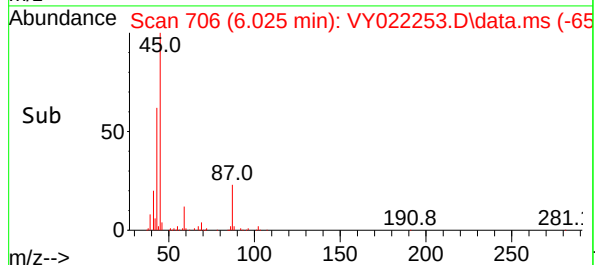
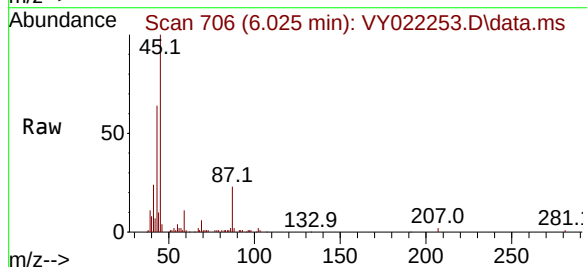
Manual Integrations
APPROVED

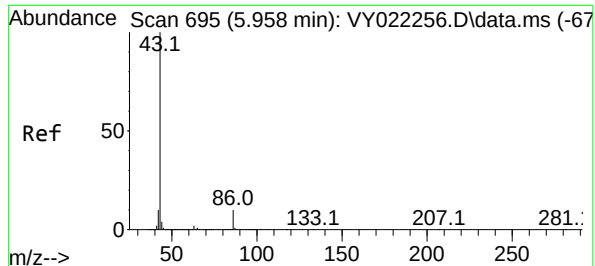
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 4.915 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 45 Resp: 53760
Ion Ratio Lower Upper
45 100
43 59.6 48.2 72.2
87 22.4 21.4 32.0
59 11.5 9.0 13.4





#23

Vinyl Acetate

Concen: 25.361 ug/l

RT: 5.964 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 167594

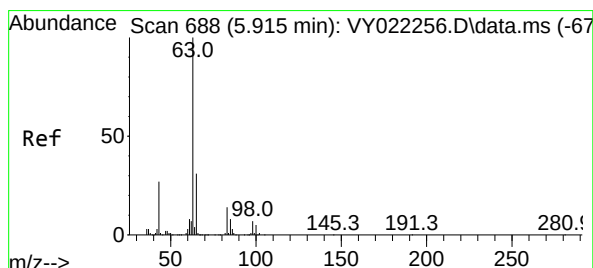
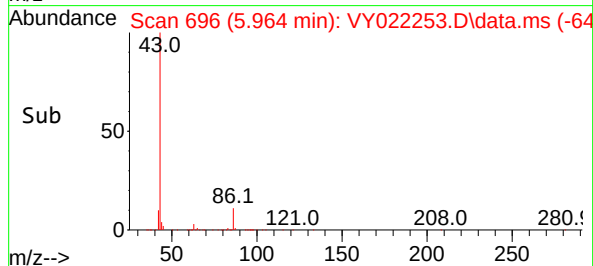
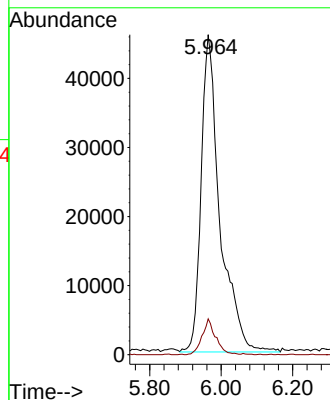
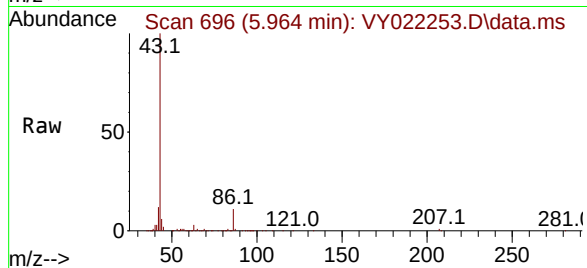
Ion Ratio Lower Upper

43 100

86 11.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#24

1,1-Dichloroethane

Concen: 5.026 ug/l

RT: 5.921 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

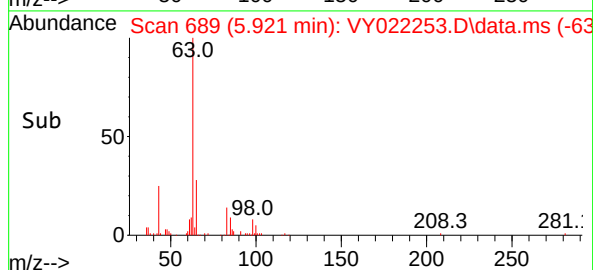
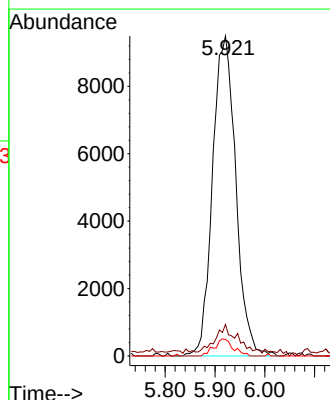
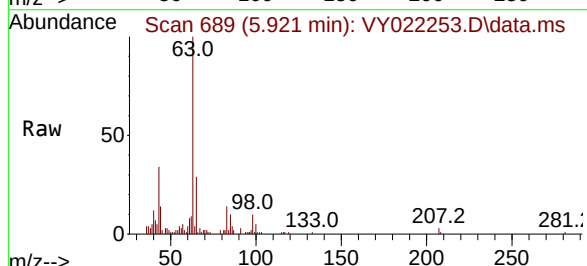
Tgt Ion: 63 Resp: 30712

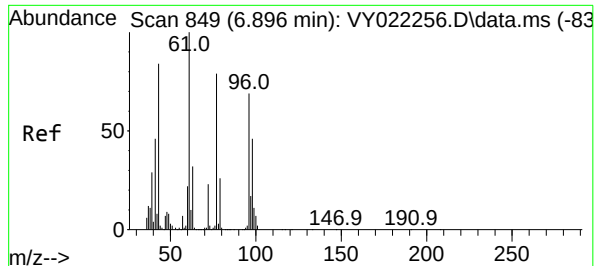
Ion Ratio Lower Upper

63 100

98 8.3 3.5 10.5

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 26.203 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2480

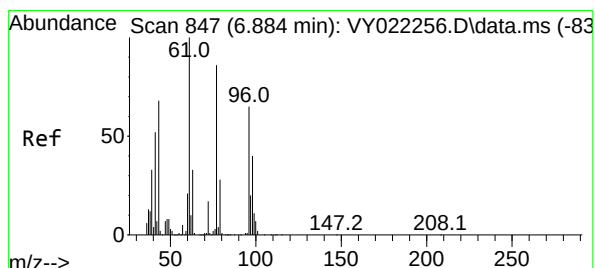
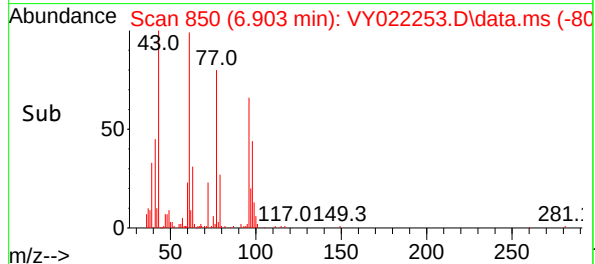
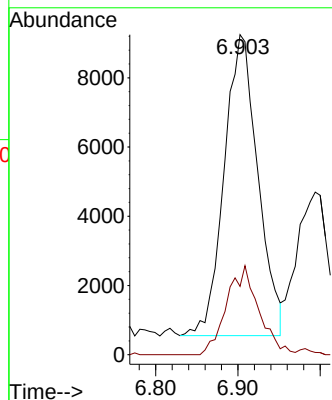
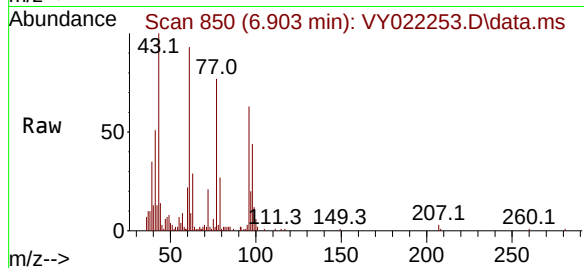
Ion Ratio Lower Upper

43 100

72 22.7 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#26

2,2-Dichloropropane

Concen: 5.048 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022253.D

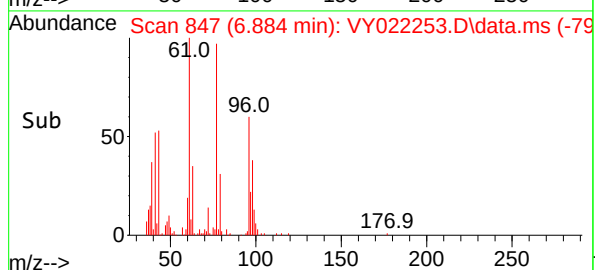
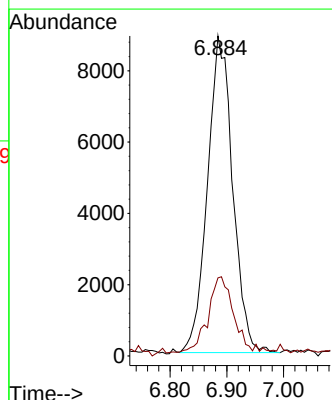
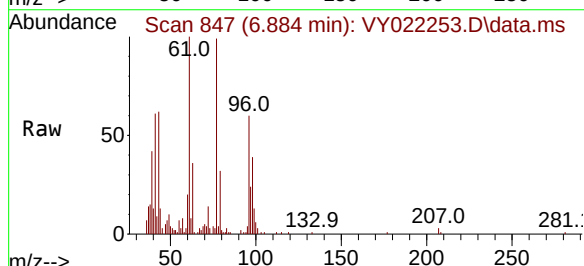
Acq: 15 May 2025 09:46

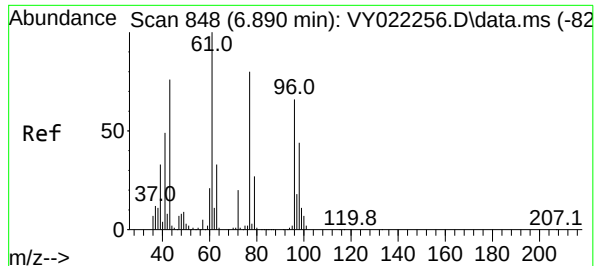
Tgt Ion: 77 Resp: 27440

Ion Ratio Lower Upper

77 100

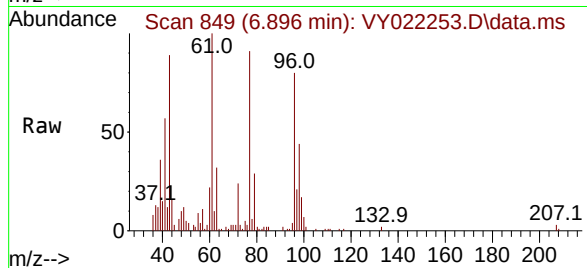
97 23.9 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 4.857 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

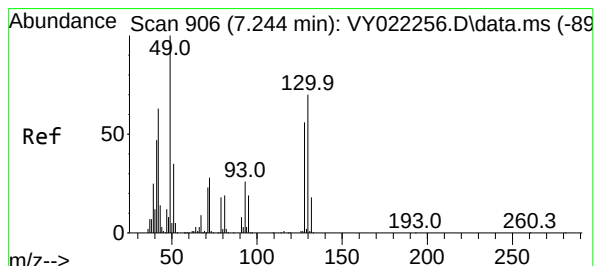
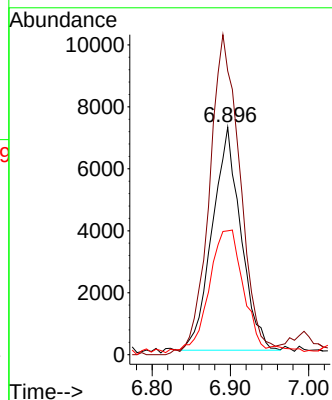
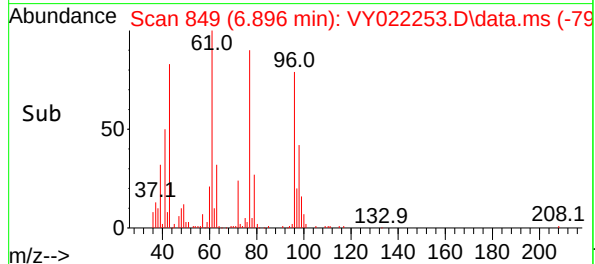
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



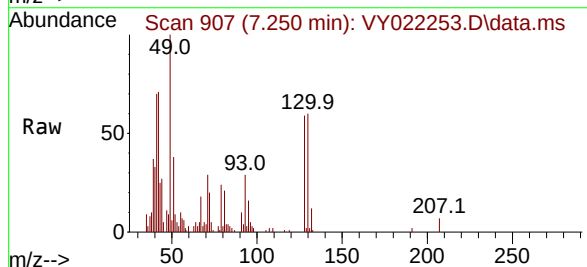
Tgt Ion: 96 Resp: 18270
Ion Ratio Lower Upper
96 100
61 154.3 0.0 302.6
98 66.0 0.0 128.8

Manual Integrations
APPROVED

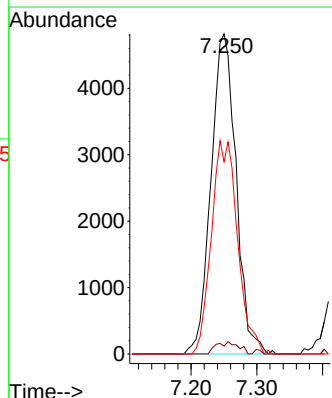
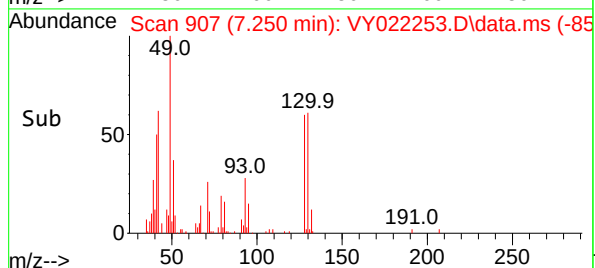
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

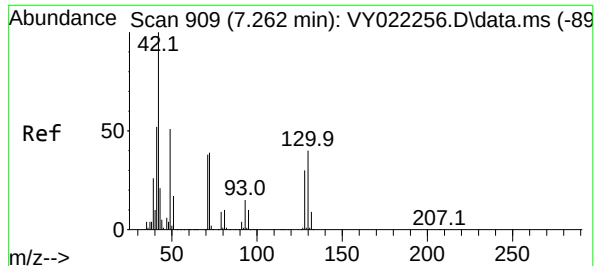


#28
Bromochloromethane
Concen: 4.901 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



Tgt Ion: 49 Resp: 12774
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.6
130 69.7 54.7 82.1





#29

Tetrahydrofuran

Concen: 23.811 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 14502

Ion Ratio Lower Upper

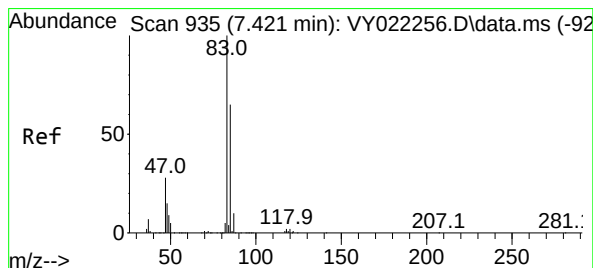
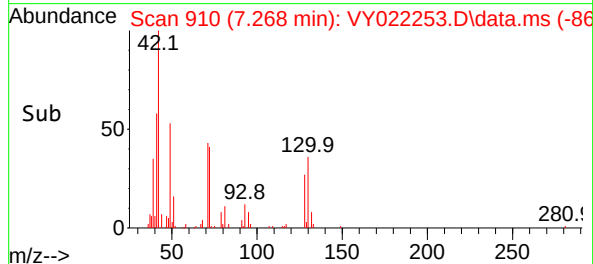
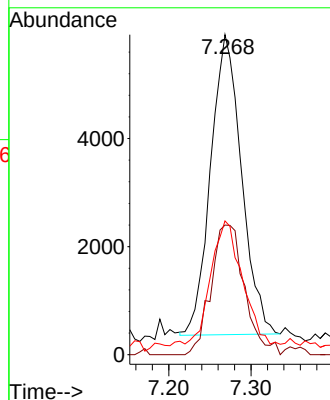
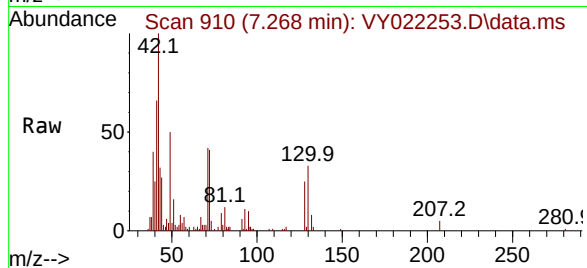
42 100

72 46.7 33.8 50.6

71 43.0 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#30

Chloroform

Concen: 4.863 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022253.D

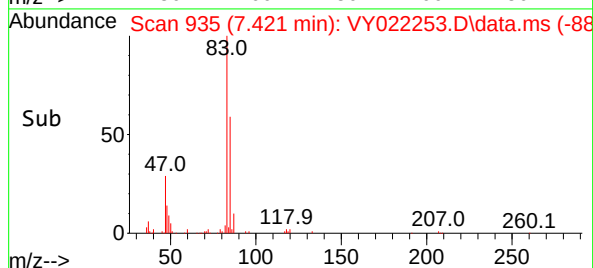
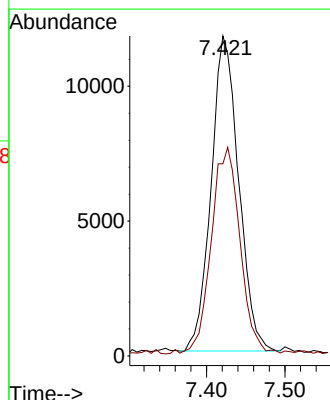
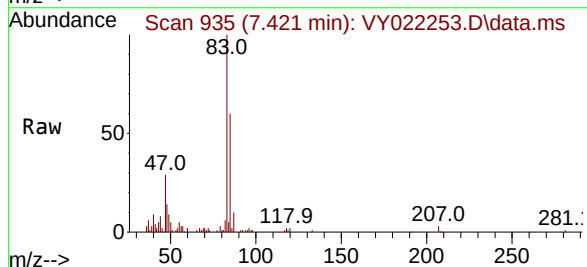
Acq: 15 May 2025 09:46

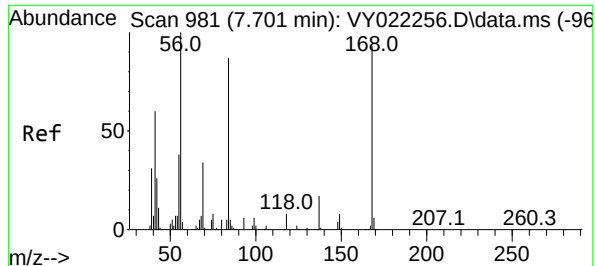
Tgt Ion: 83 Resp: 28505

Ion Ratio Lower Upper

83 100

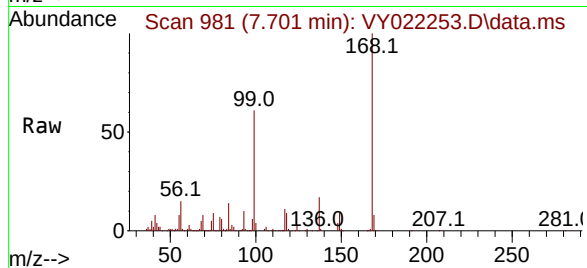
85 60.1 51.8 77.8





#31
Cyclohexane
Concen: 5.880 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

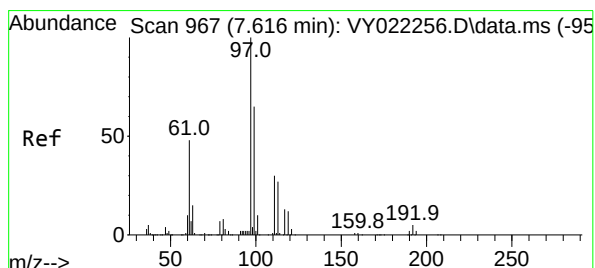
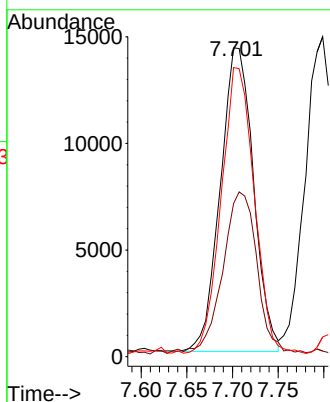
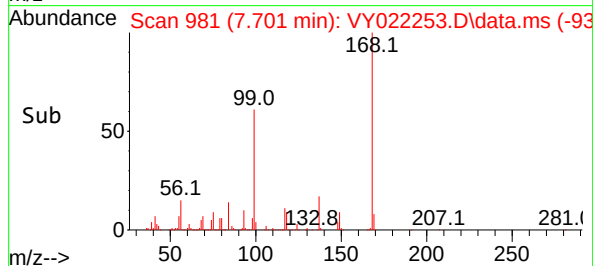
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 35904
Ion Ratio Lower Upper
56 100
69 48.0 27.4 41.2
84 93.4 70.0 105.0

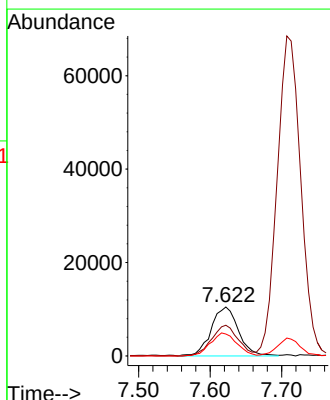
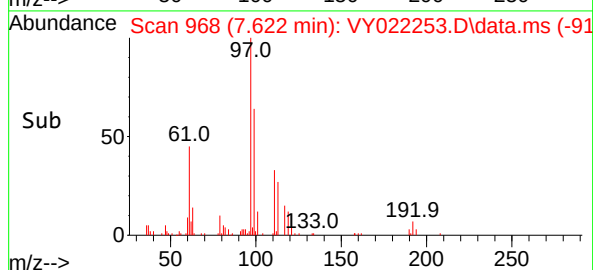
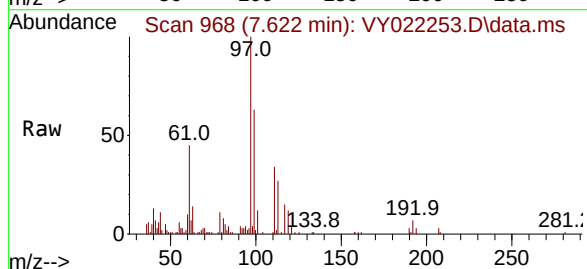
Manual Integrations
APPROVED

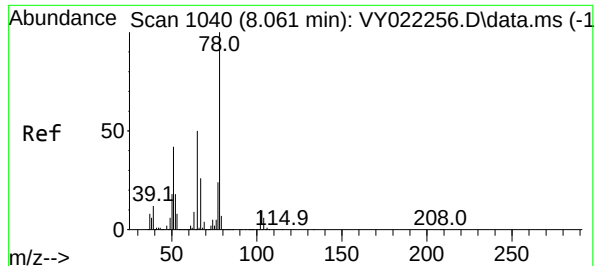
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#32
1,1,1-Trichloroethane
Concen: 5.170 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 97 Resp: 27801
Ion Ratio Lower Upper
97 100
99 60.7 51.4 77.0
61 45.4 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 5.009 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 15118

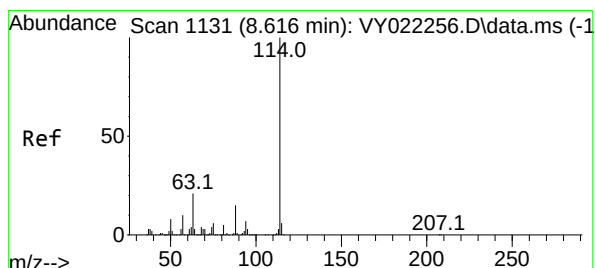
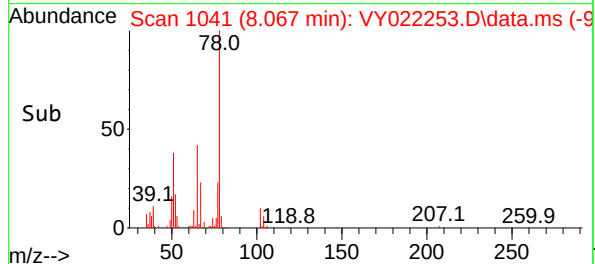
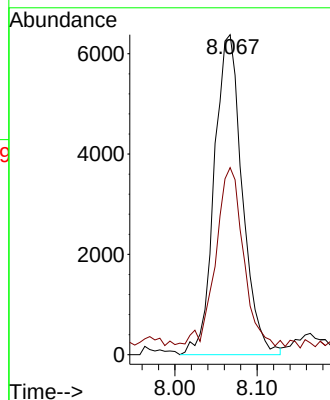
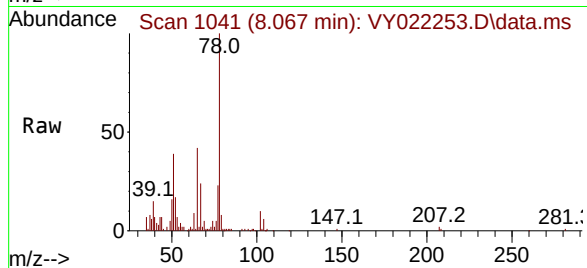
Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

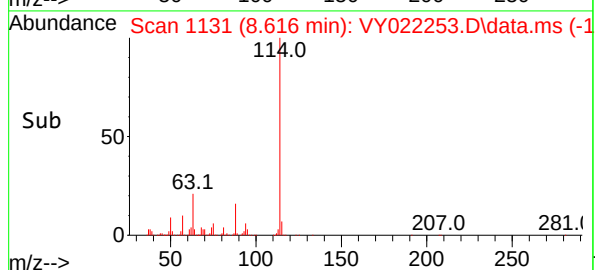
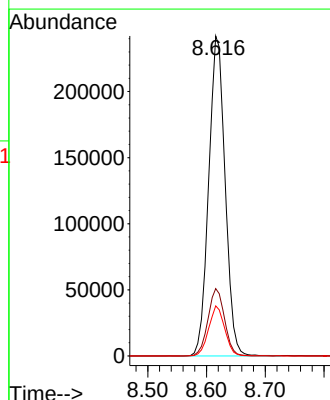
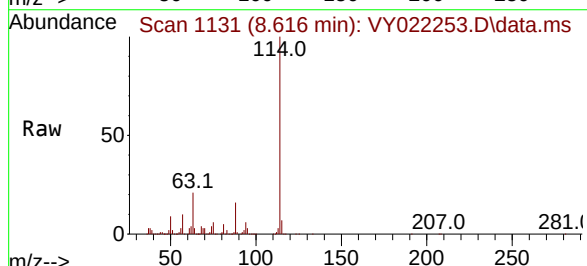
Tgt Ion:114 Resp: 470488

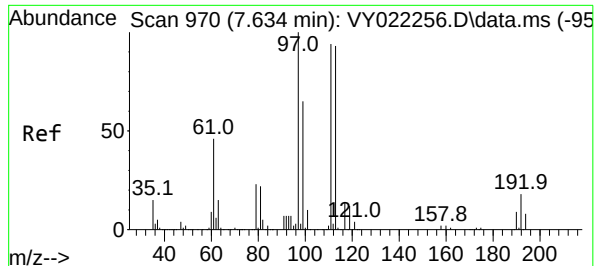
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

88 15.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 4.933 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

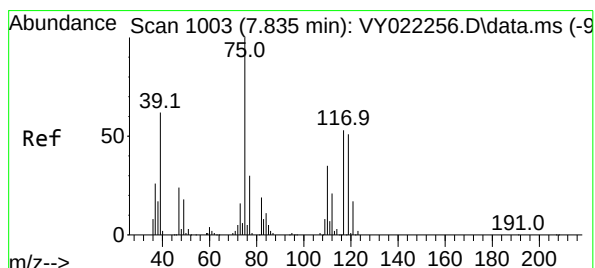
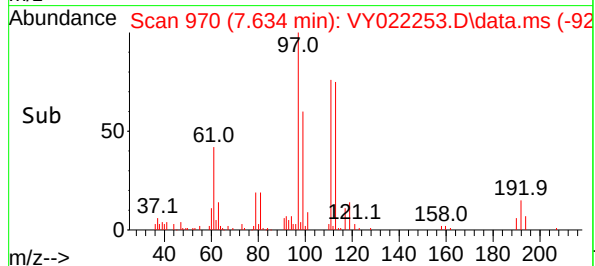
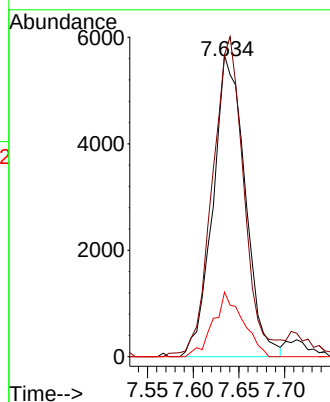
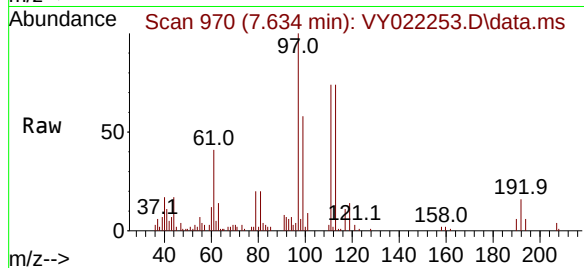
VSTDIC005

Tgt Ion:	113	Resp:	13854
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	19.7	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 4.824 ug/l

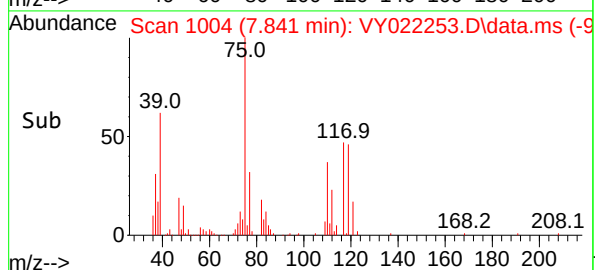
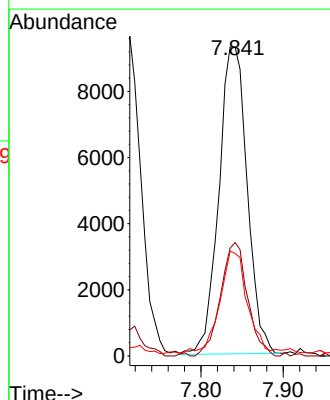
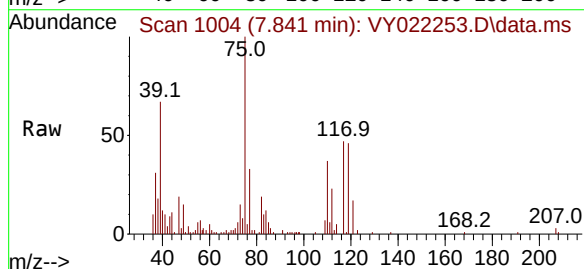
RT: 7.841 min Scan# 1004

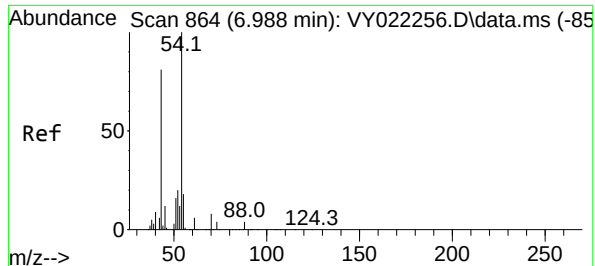
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:	75	Resp:	22314
Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.6	49.8
77	32.4	24.6	37.0





#37

Ethyl Acetate

Concen: 5.352 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 11910

Ion Ratio Lower Upper

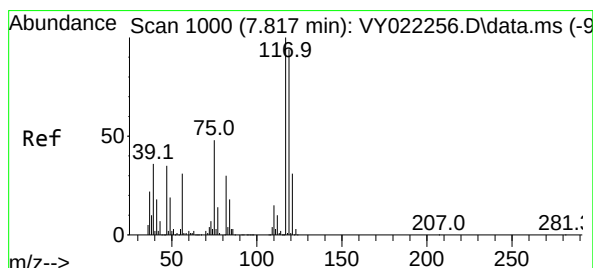
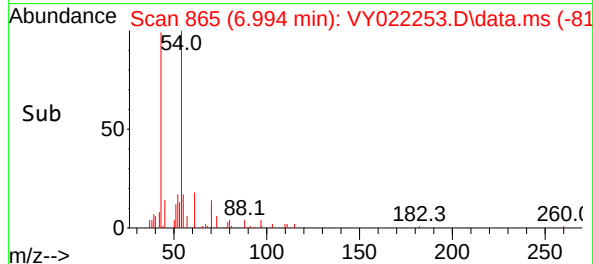
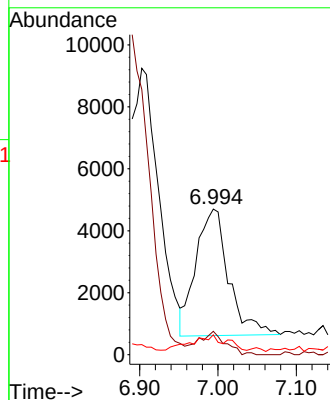
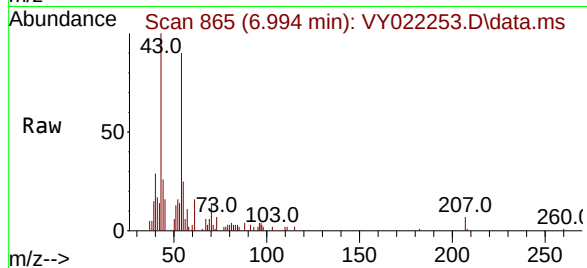
43 100

61 15.1 10.2 15.2

70 9.6 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#38

Carbon Tetrachloride

Concen: 4.768 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

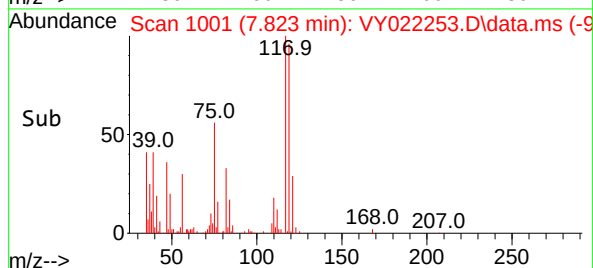
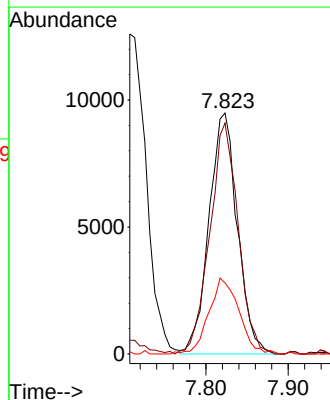
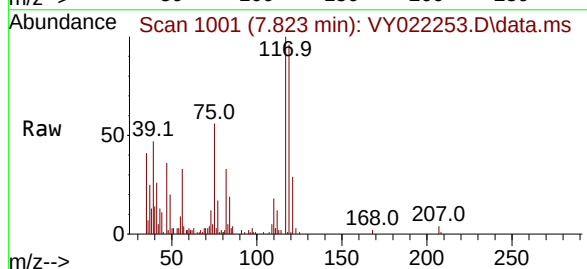
Tgt Ion:117 Resp: 22826

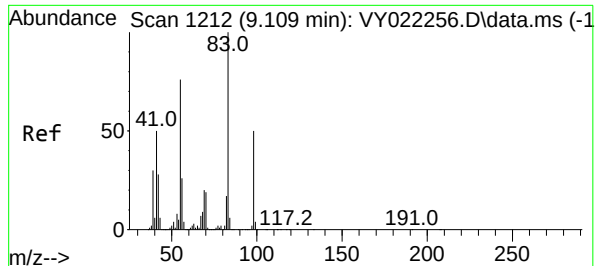
Ion Ratio Lower Upper

117 100

119 95.8 75.3 112.9

121 29.5 24.7 37.1





#39

Methylcyclohexane

Concen: 5.024 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 31218

Ion Ratio Lower Upper

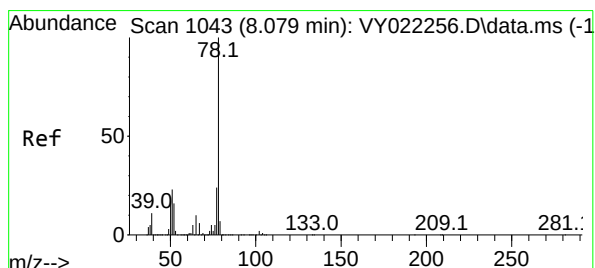
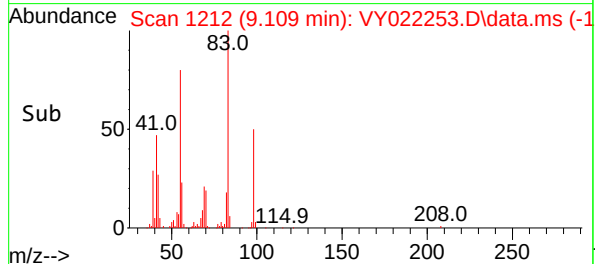
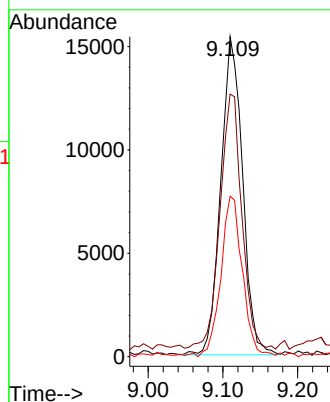
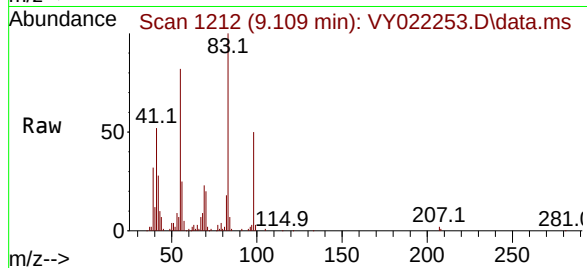
83 100

55 78.9 60.6 90.8

98 49.6 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#40

Benzene

Concen: 4.699 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022253.D

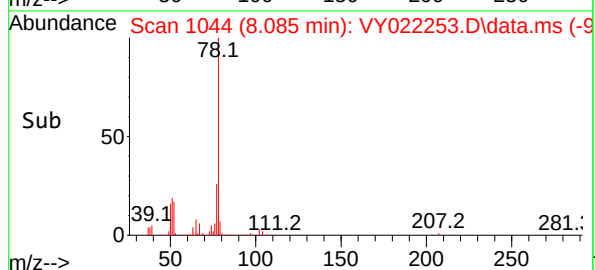
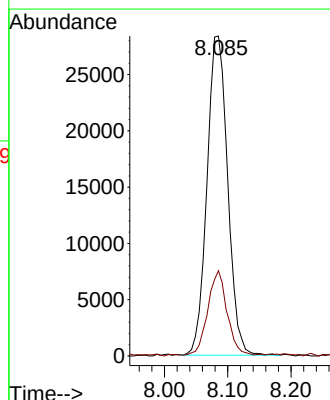
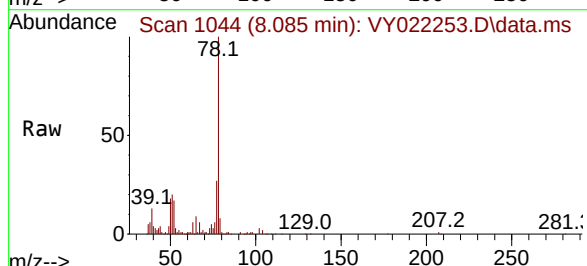
Acq: 15 May 2025 09:46

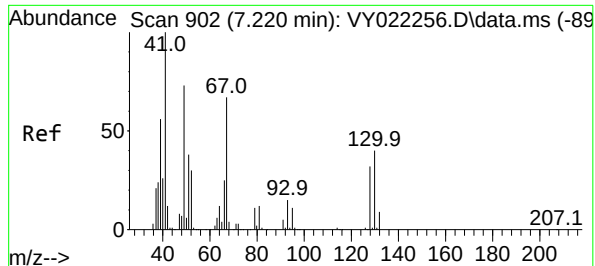
Tgt Ion: 78 Resp: 64430

Ion Ratio Lower Upper

78 100

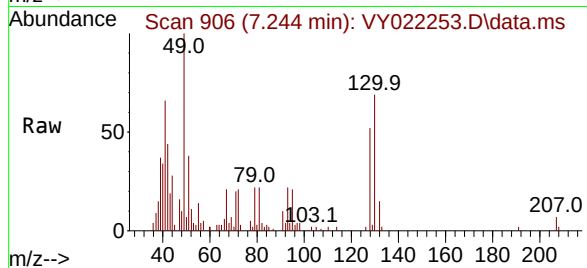
77 26.4 18.9 28.3





#41
Methacrylonitrile
Concen: 4.422 ug/l m
RT: 7.244 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

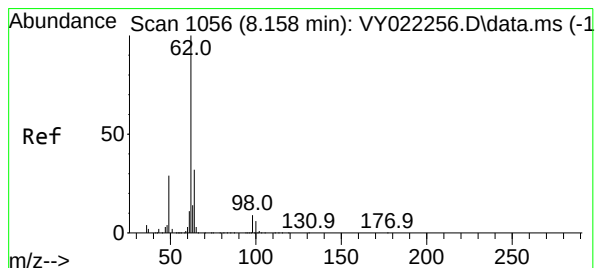
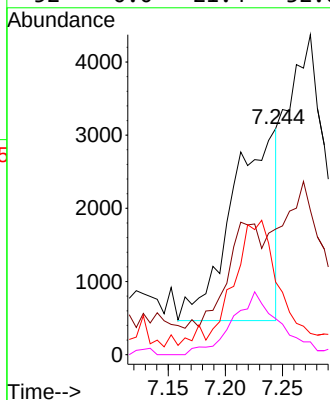
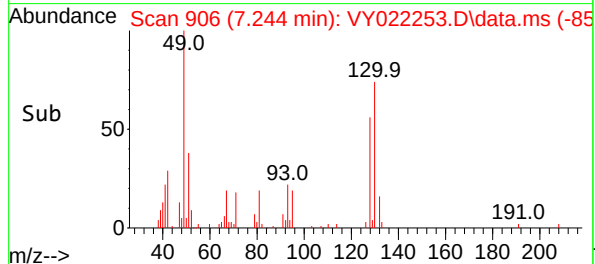
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 720
Ion Ratio Lower Upper
41 100
39 63.3 39.1 58.7
67 0.0 47.1 70.7
52 0.0 21.4 32.0

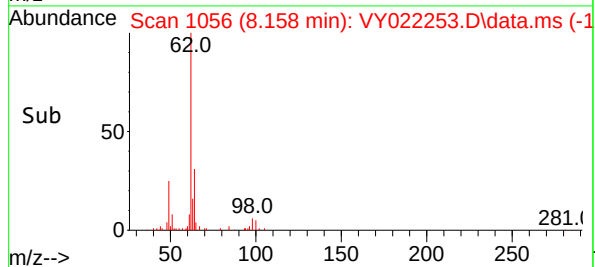
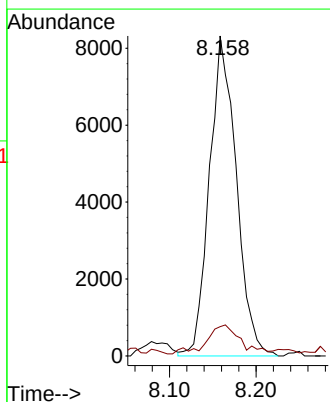
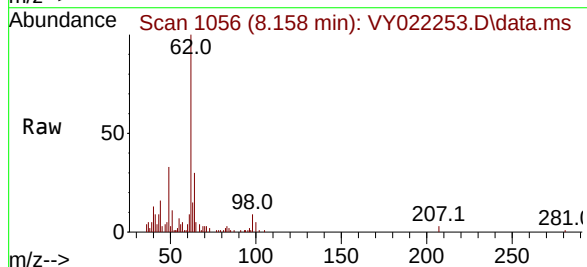
Manual Integrations
APPROVED

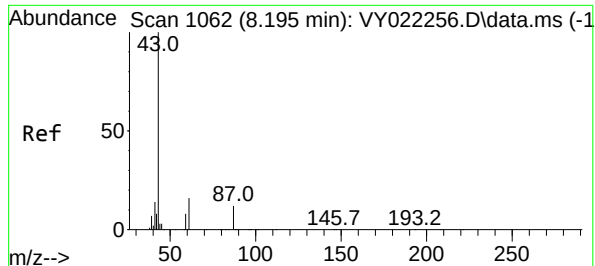
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 4.837 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 62 Resp: 17934
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 4.941 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

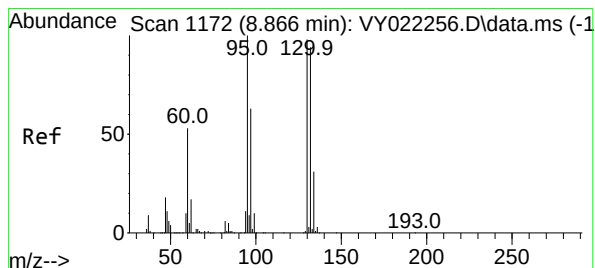
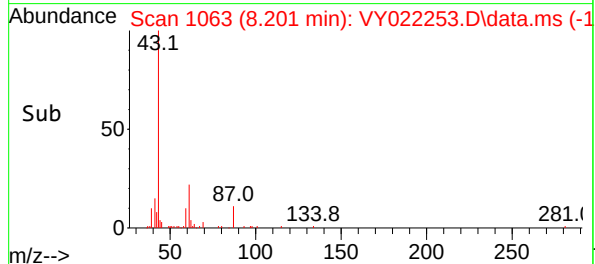
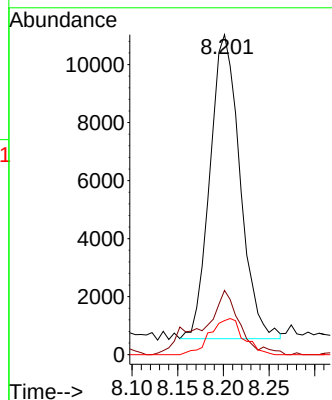
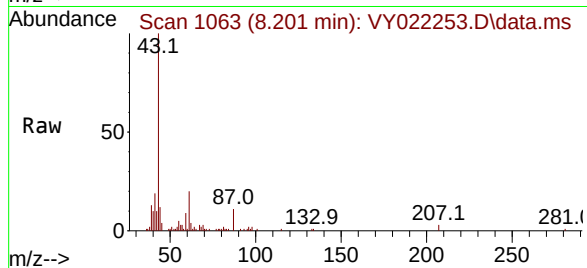
VSTDIC005

Tgt Ion: 43	Resp: 23979
Ion Ratio	Lower Upper
43 100	
61 18.7	15.1 22.7
87 13.2	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44

Trichloroethene

Concen: 4.943 ug/l

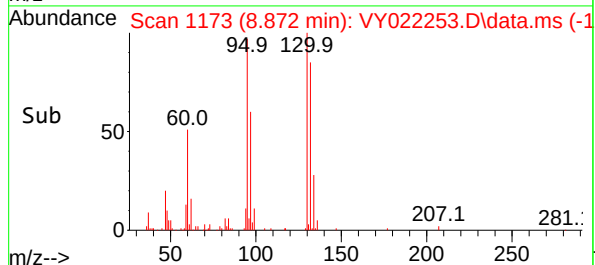
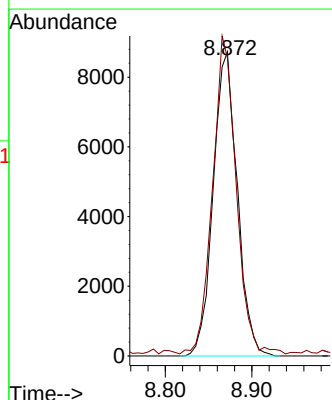
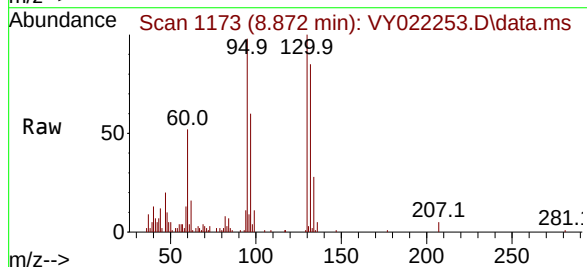
RT: 8.872 min Scan# 1173

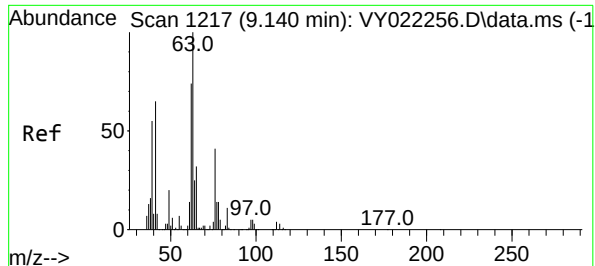
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:130	Resp: 16852
Ion Ratio	Lower Upper
130 100	
95 97.3	0.0 204.8





#45

1,2-Dichloropropane

Concen: 4.796 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1585

Ion Ratio Lower Upper

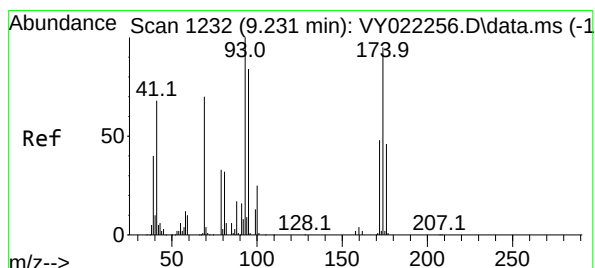
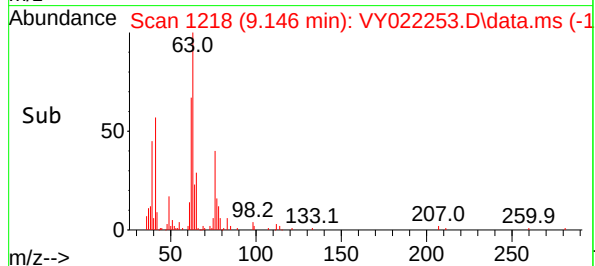
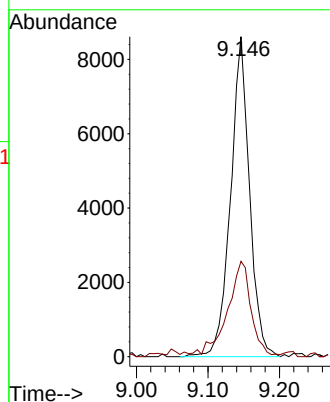
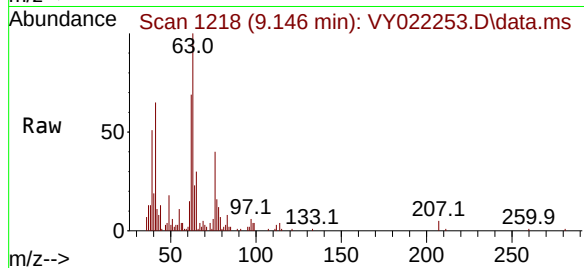
63 100

65 29.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 4.980 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

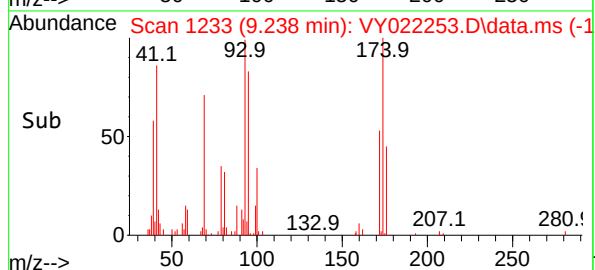
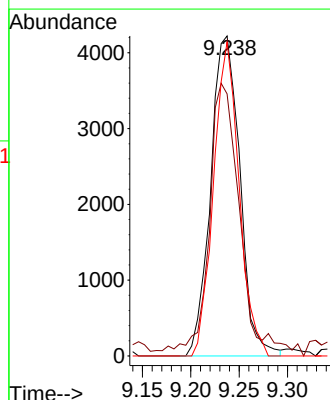
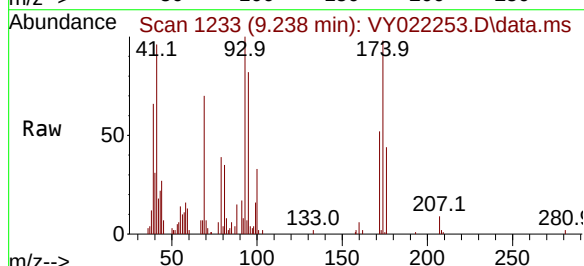
Tgt Ion: 93 Resp: 8879

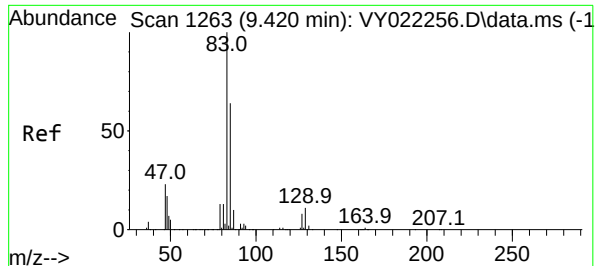
Ion Ratio Lower Upper

93 100

95 89.8 65.2 97.8

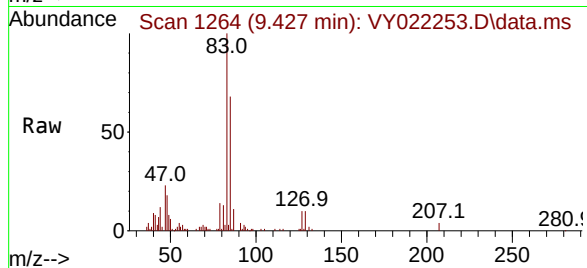
174 85.7 74.3 111.5





#47
Bromodichloromethane
Concen: 4.736 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

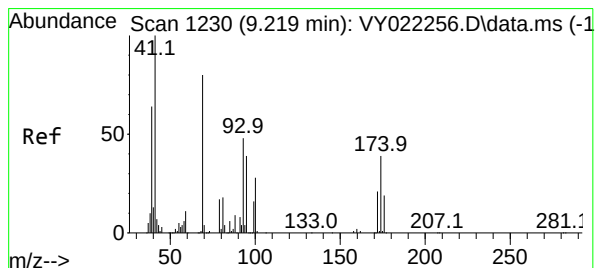
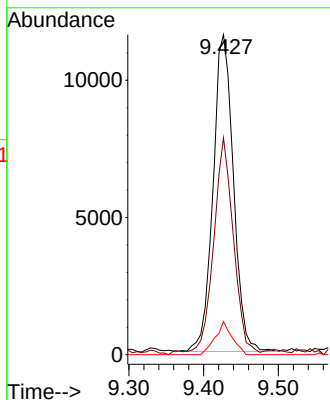
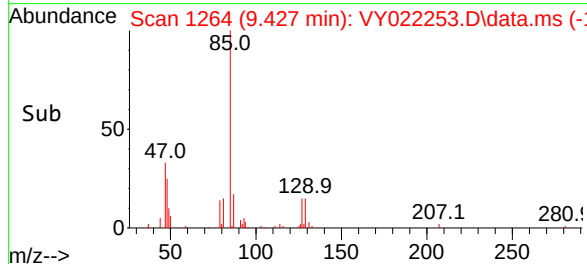
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 21900
Ion Ratio Lower Upper
83 100
85 67.3 51.1 76.7
127 10.4 6.6 10.0

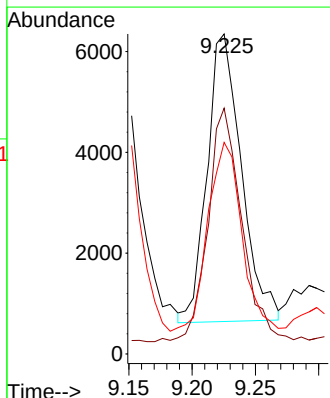
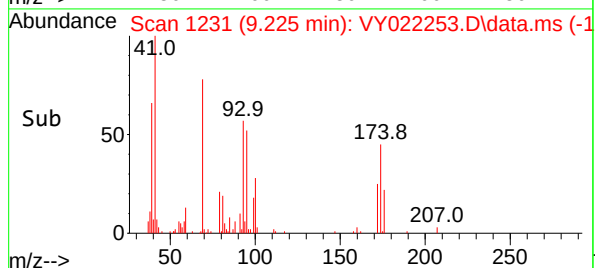
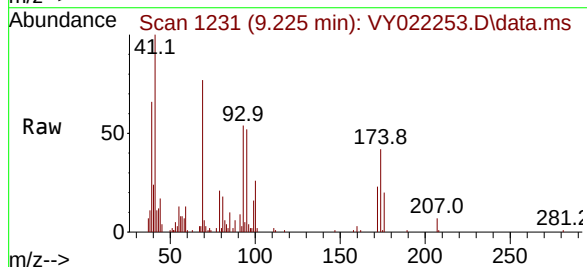
Manual Integrations
APPROVED

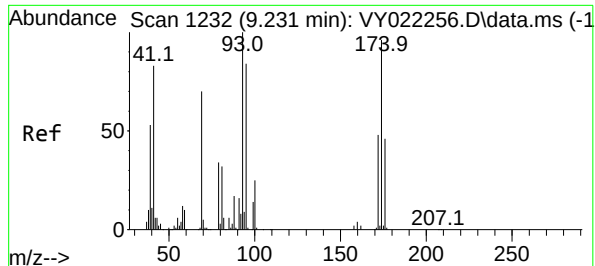
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 4.727 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 41 Resp: 10729
Ion Ratio Lower Upper
41 100
69 80.7 63.5 95.3
39 66.0 50.8 76.2





#49

1,4-Dioxane

Concen: 97.404 ug/l

RT: 9.244 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 1962

Ion Ratio Lower Upper

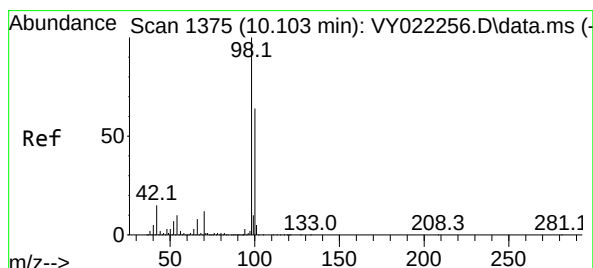
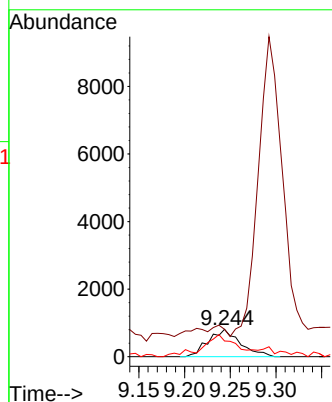
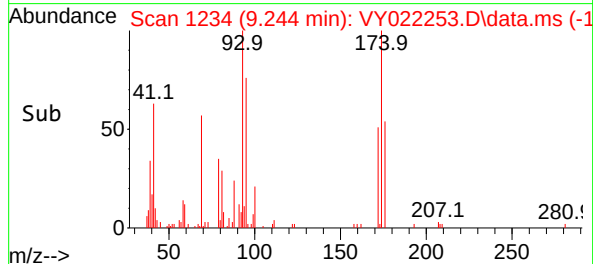
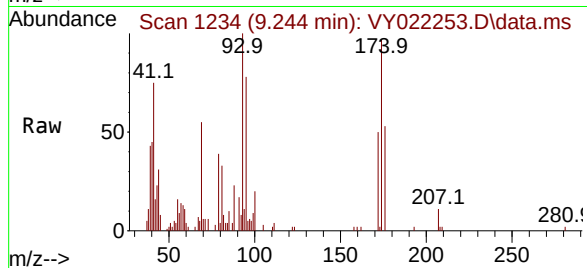
88 100

43 0.0 28.5 42.7

58 79.8 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#50

Toluene-d8

Concen: 5.006 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022253.D

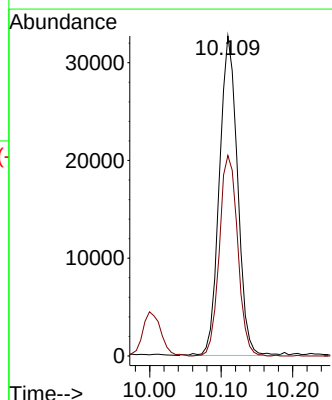
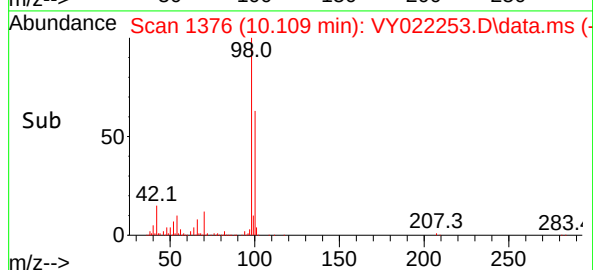
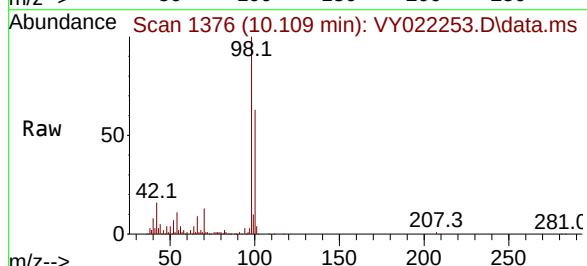
Acq: 15 May 2025 09:46

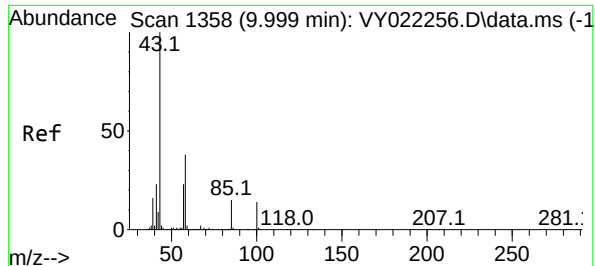
Tgt Ion: 98 Resp: 57575

Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.8





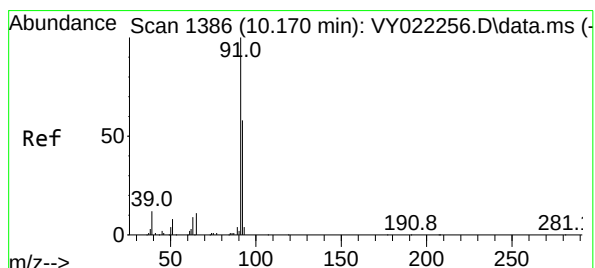
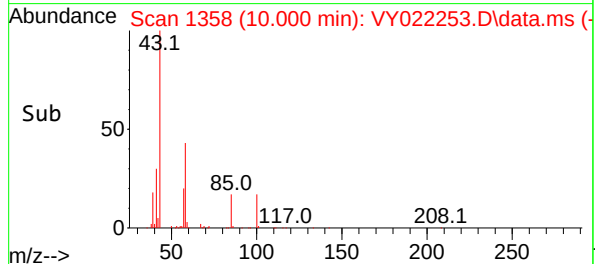
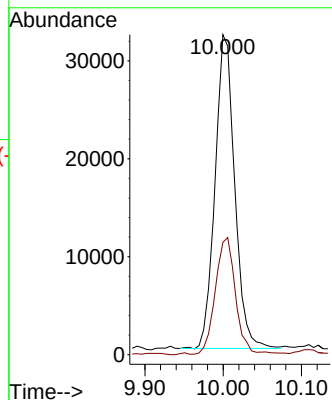
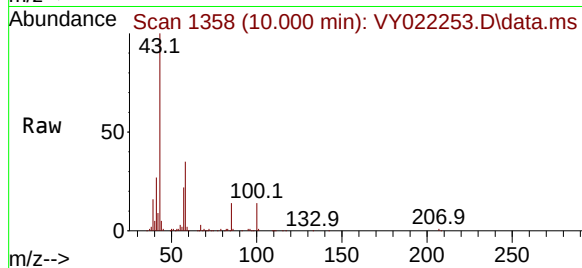
#51
4-Methyl-2-Pentanone
Concen: 23.464 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 55880
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.2

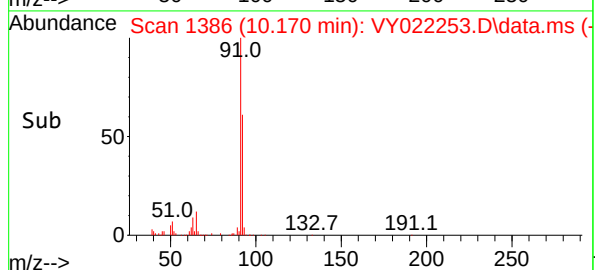
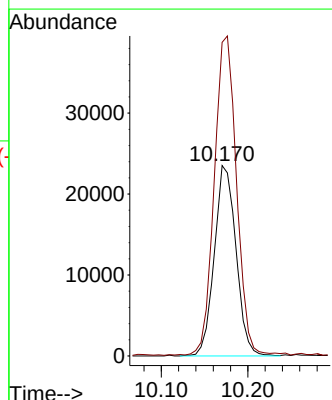
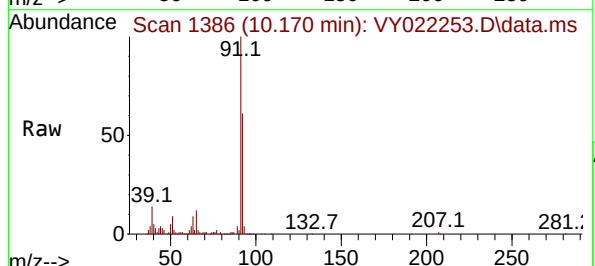
Manual Integrations
APPROVED

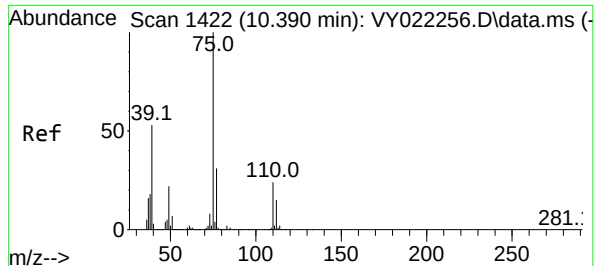
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 4.722 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

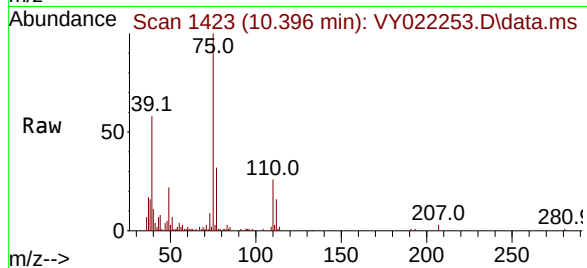
Tgt Ion: 92 Resp: 41001
Ion Ratio Lower Upper
92 100
91 171.8 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 4.839 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

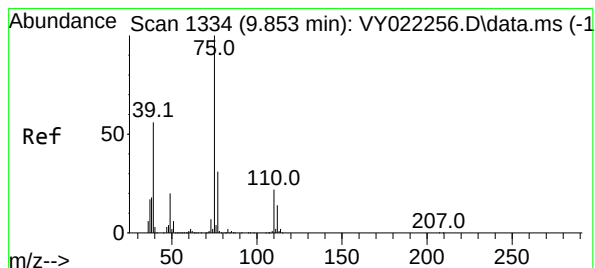
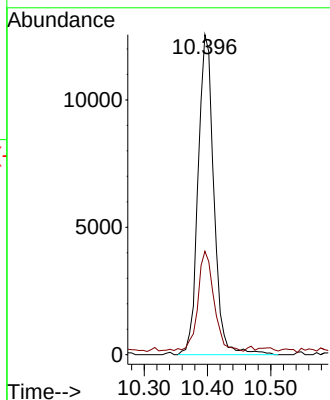
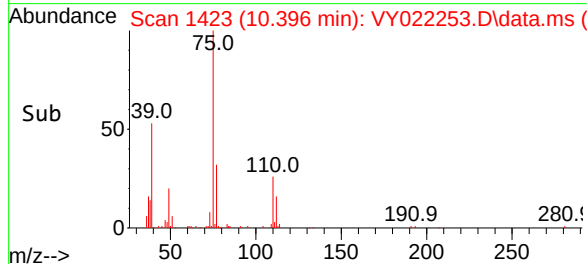
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



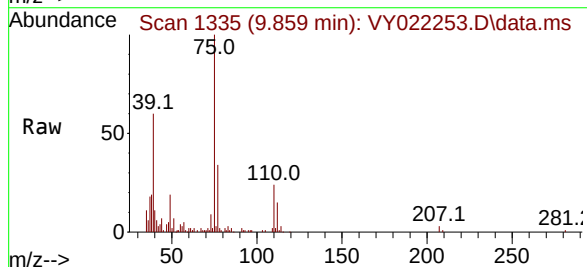
Tgt Ion: 75 Resp: 2184
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6

Manual Integrations
APPROVED

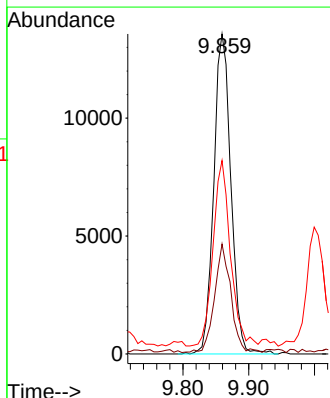
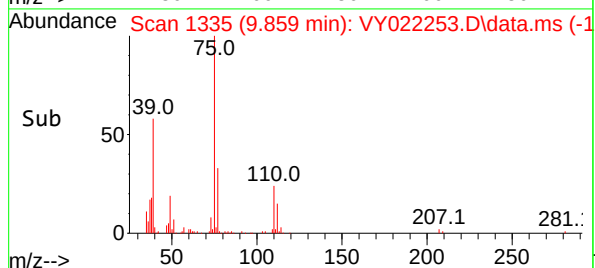
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

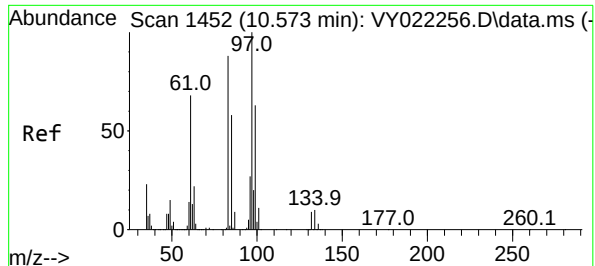


#54
cis-1,3-Dichloropropene
Concen: 4.758 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



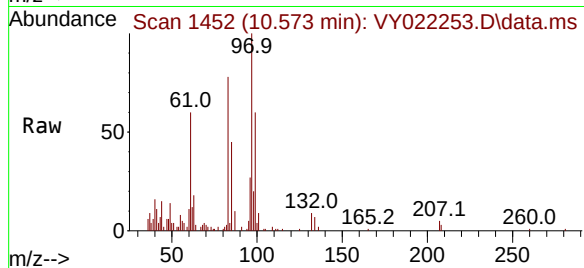
Tgt Ion: 75 Resp: 24609
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7
39 58.0 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 4.964 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

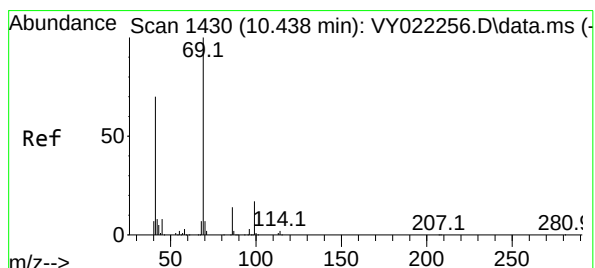
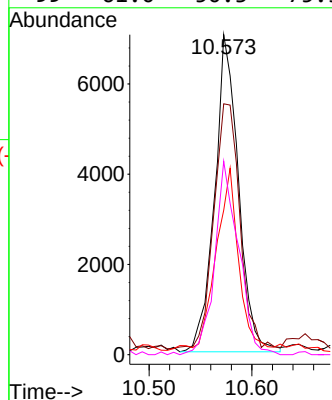
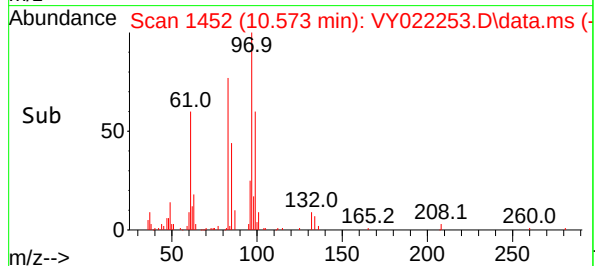
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 97 Resp: 1133
Ion Ratio Lower Upper
97 100
83 77.0 70.3 105.5
85 42.7 46.2 69.4
99 61.0 50.3 75.5

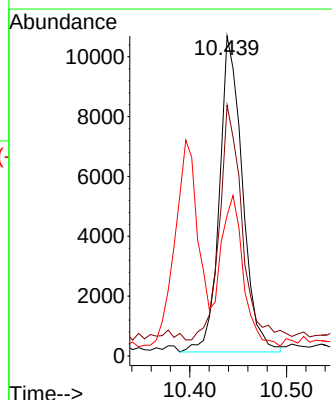
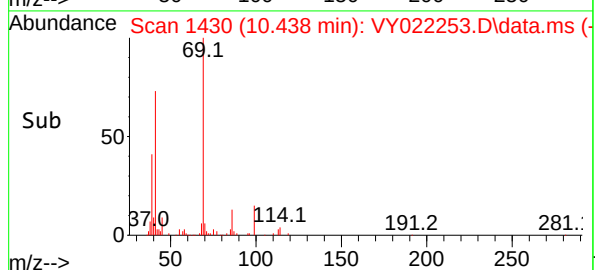
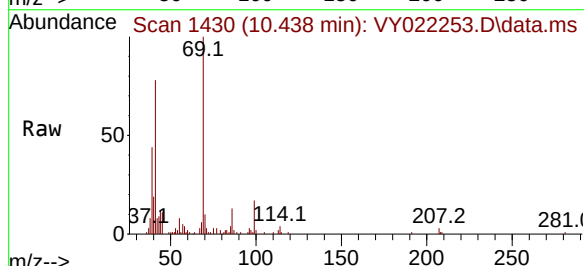
Manual Integrations
APPROVED

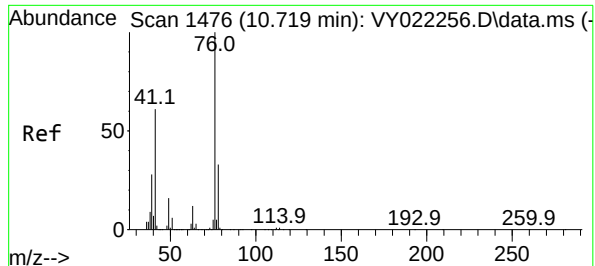
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#56
Ethyl methacrylate
Concen: 4.898 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

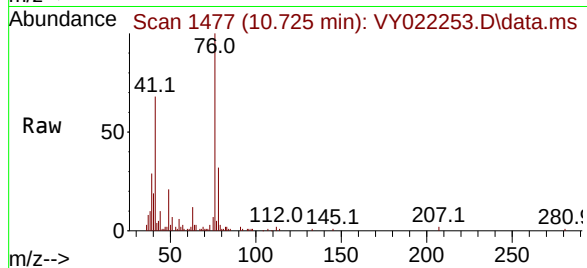
Tgt Ion: 69 Resp: 17420
Ion Ratio Lower Upper
69 100
41 73.2 56.5 84.7
39 46.8 37.1 55.7





#57
1,3-Dichloropropane
Concen: 4.852 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

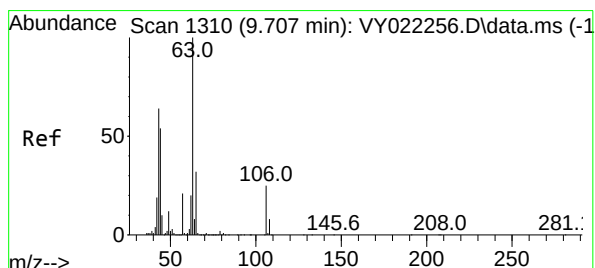
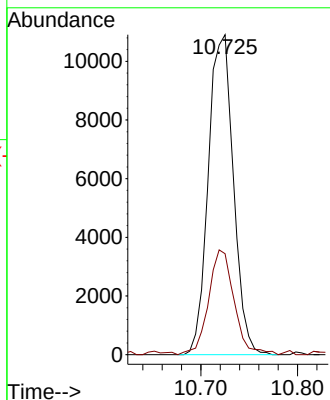
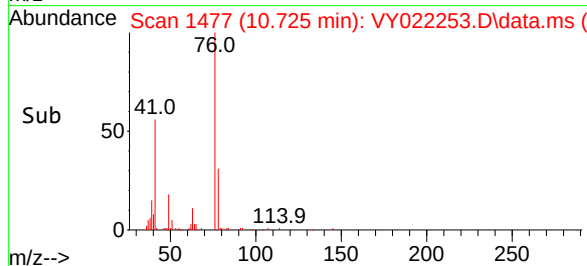
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



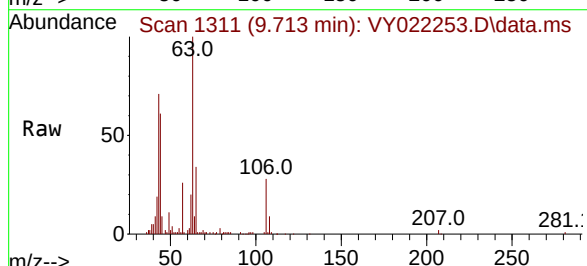
Tgt Ion: 76 Resp: 19684
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.8

Manual Integrations
APPROVED

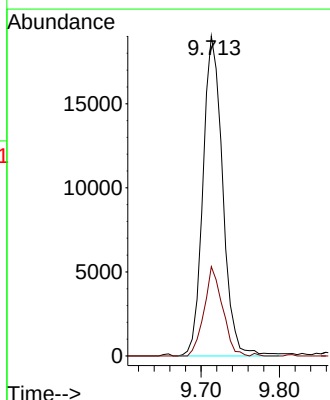
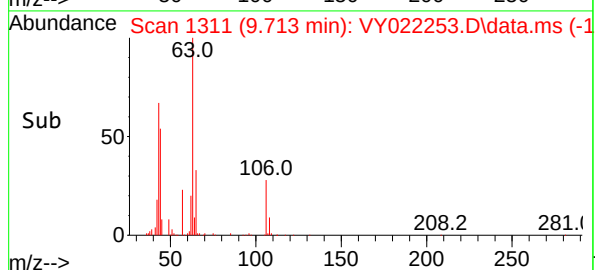
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

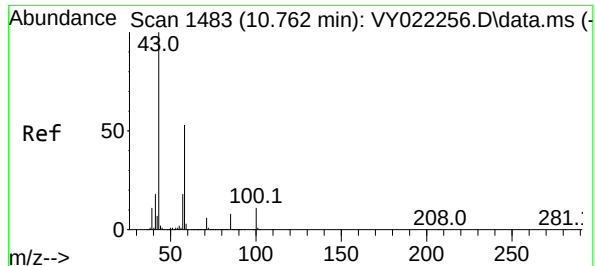


#58
2-Chloroethyl Vinyl ether
Concen: 20.807 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



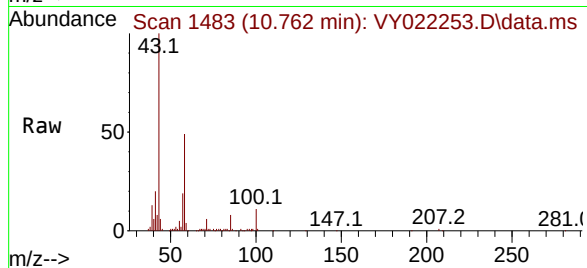
Tgt Ion: 63 Resp: 33215
Ion Ratio Lower Upper
63 100
106 26.0 21.0 31.4





#59
2-Hexanone
Concen: 24.617 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

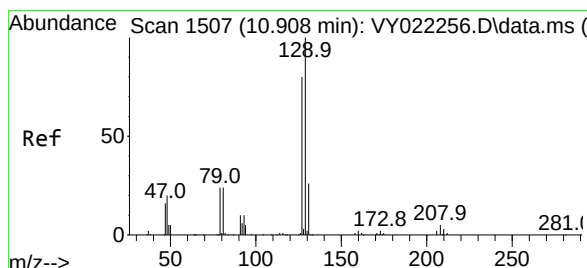
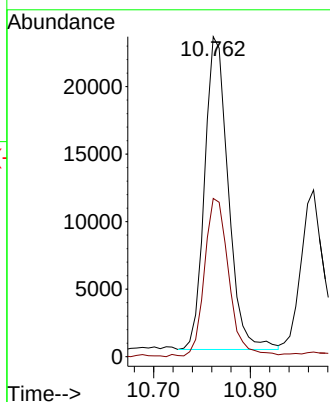
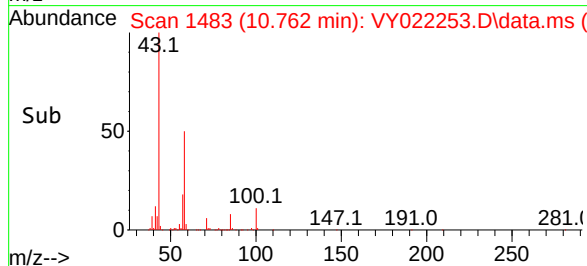
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
58 52.4 26.1 78.3

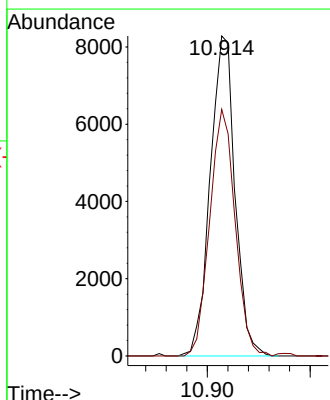
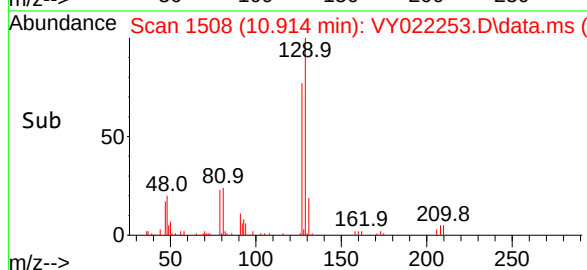
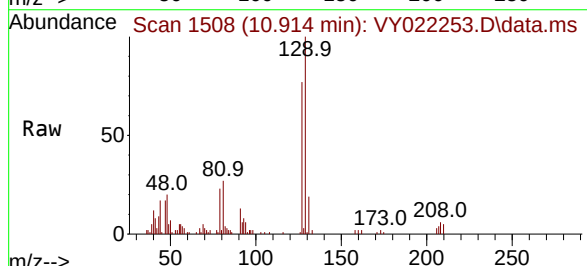
Manual Integrations
APPROVED

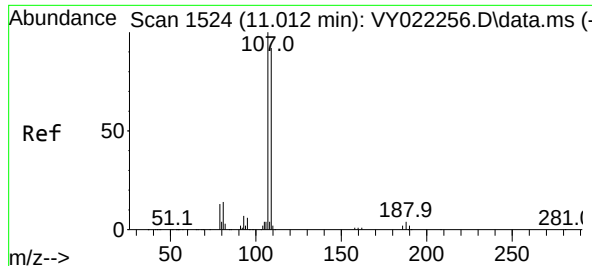
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 4.693 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

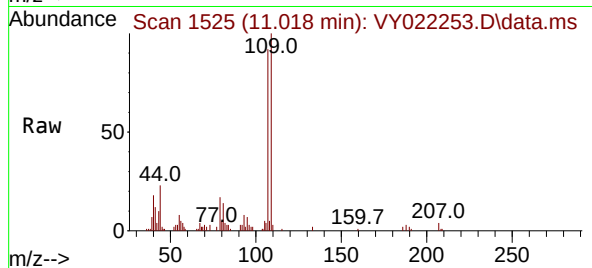
Tgt Ion:129 Resp: 13908
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.7





#61
1,2-Dibromoethane
Concen: 4.883 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

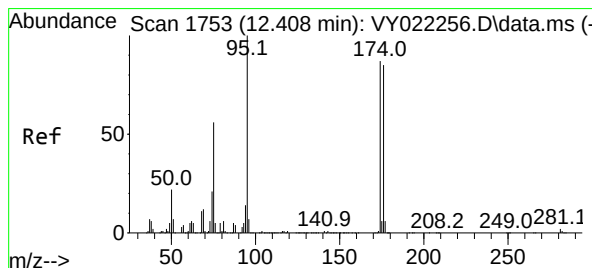
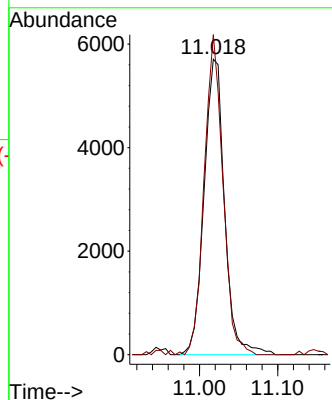
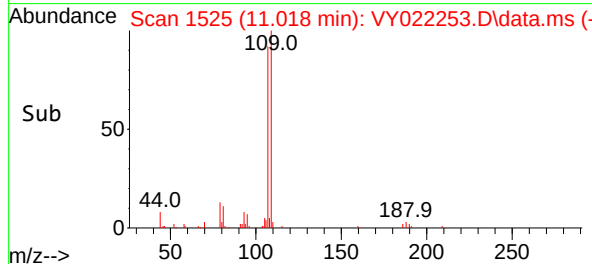
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 1039
Ion Ratio Lower Upper
107 100
109 98.9 74.6 111.8

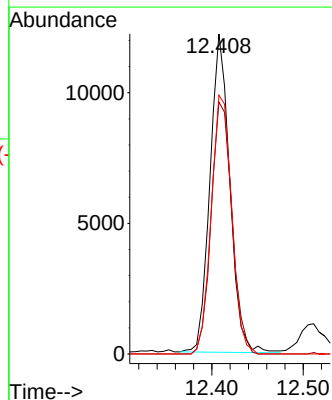
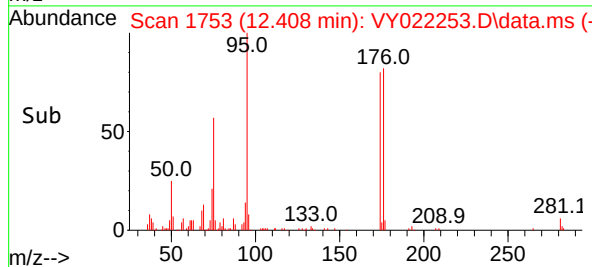
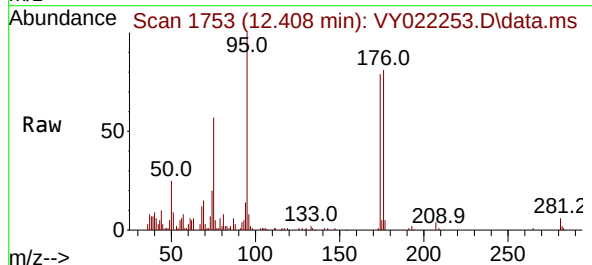
Manual Integrations
APPROVED

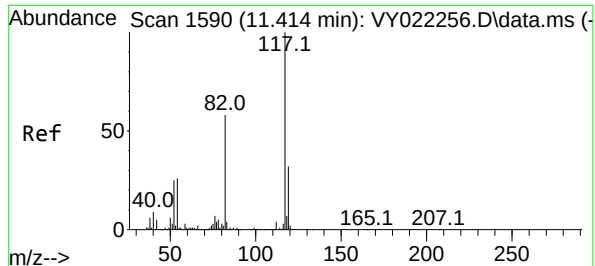
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 5.028 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

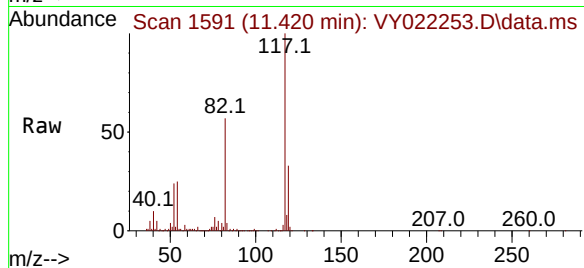
Tgt Ion: 95 Resp: 18328
Ion Ratio Lower Upper
95 100
174 83.0 0.0 166.8
176 84.3 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

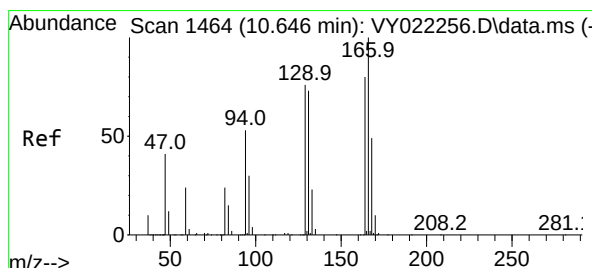
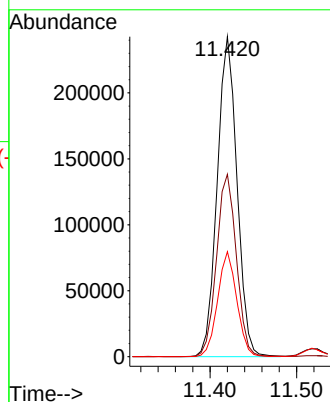
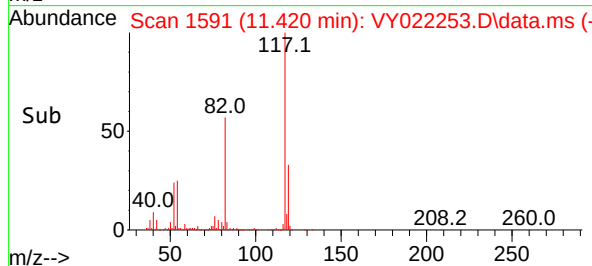
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



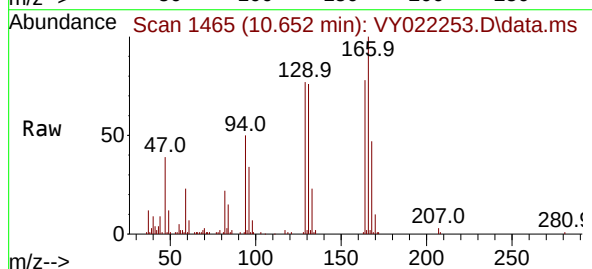
Tgt Ion:117 Resp: 385399
Ion Ratio Lower Upper
117 100
82 56.9 46.6 70.0
119 32.8 25.8 38.6

Manual Integrations
APPROVED

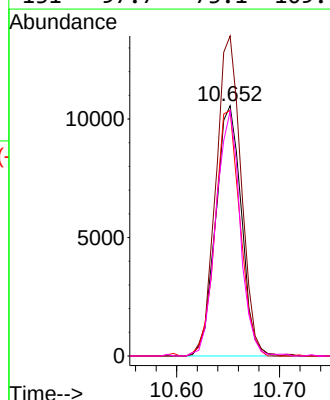
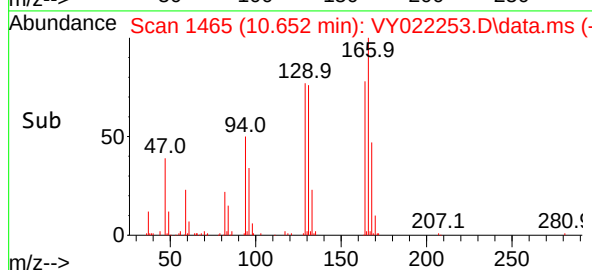
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

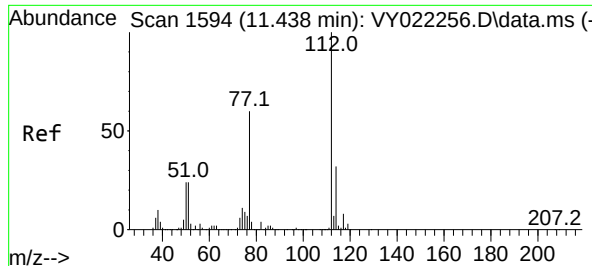


#64
Tetrachloroethene
Concen: 5.125 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



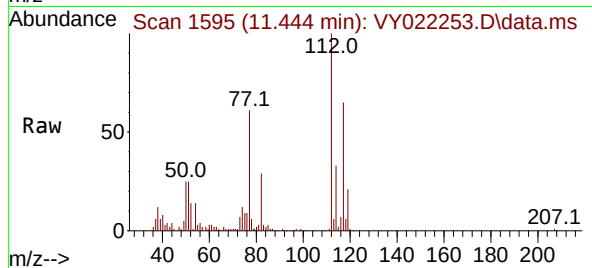
Tgt Ion:164 Resp: 18255
Ion Ratio Lower Upper
164 100
166 127.8 100.4 150.6
129 98.1 76.4 114.6
131 97.7 73.1 109.7





#65
Chlorobenzene
Concen: 4.927 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

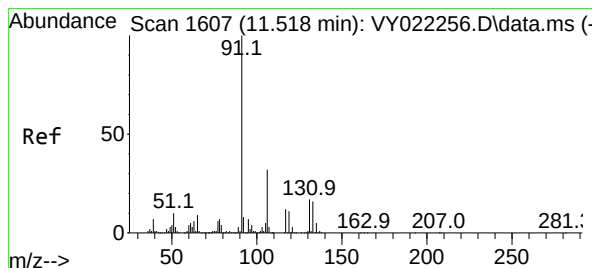
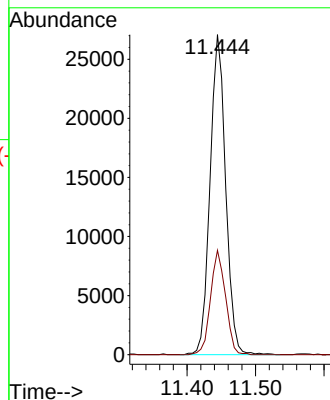
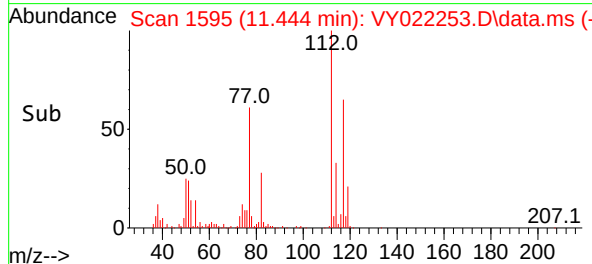
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 42844
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

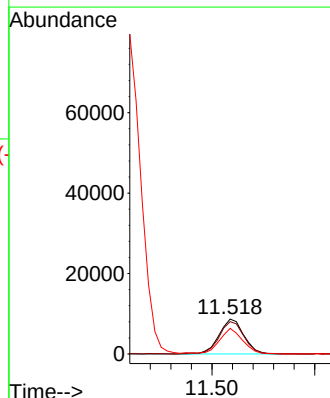
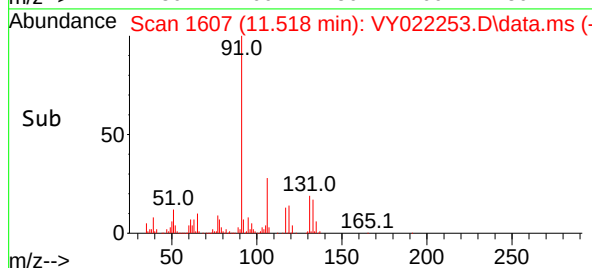
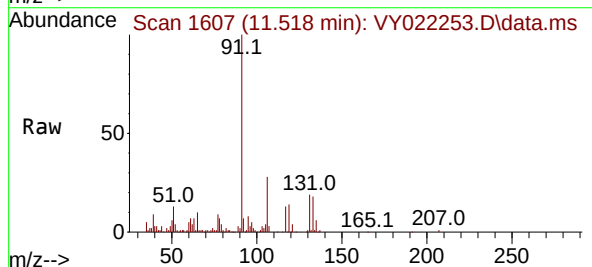
Manual Integrations
APPROVED

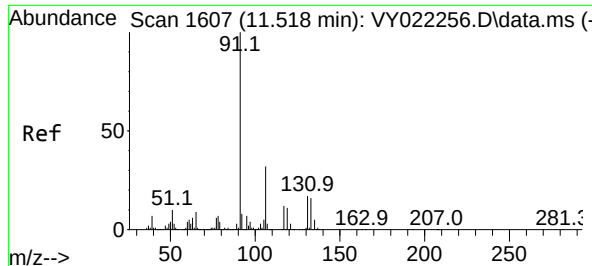
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.812 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

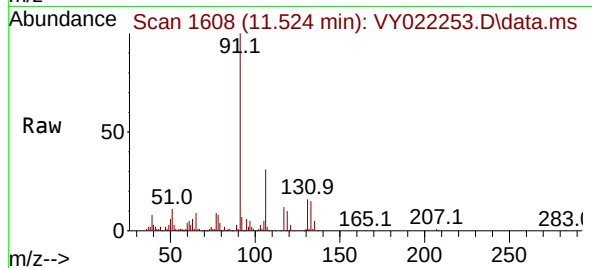
Tgt Ion:131 Resp: 14385
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 68.6 33.1 99.2





#67
Ethyl Benzene
Concen: 4.766 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

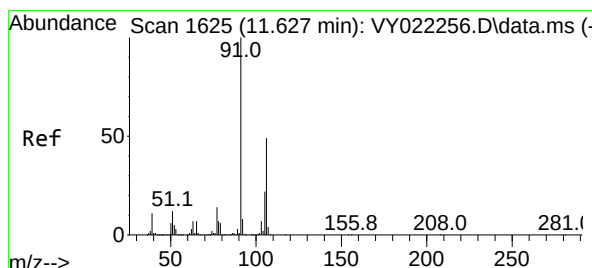
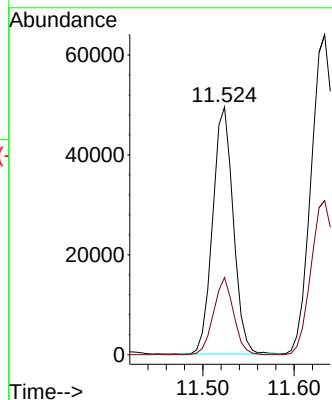
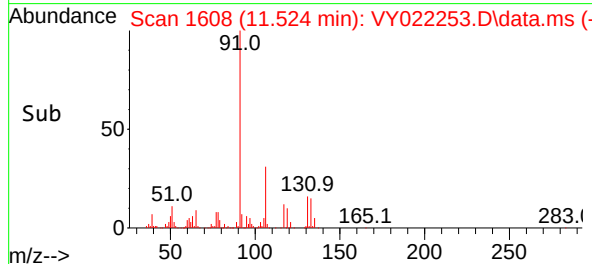
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



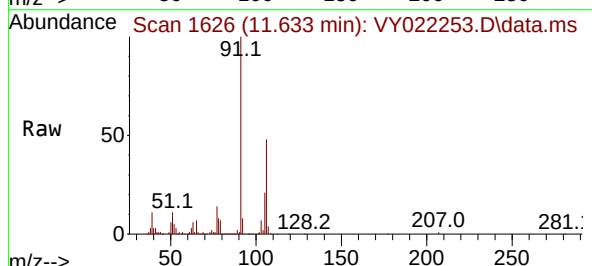
Tgt Ion: 91 Resp: 77600
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

Manual Integrations
APPROVED

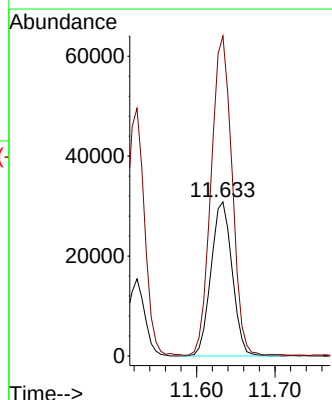
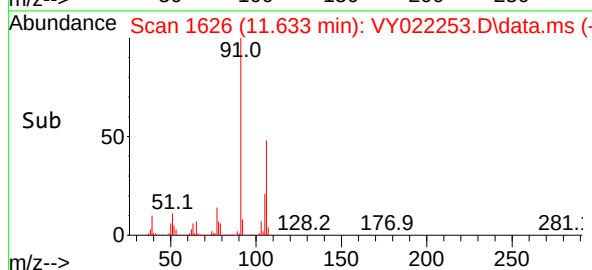
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

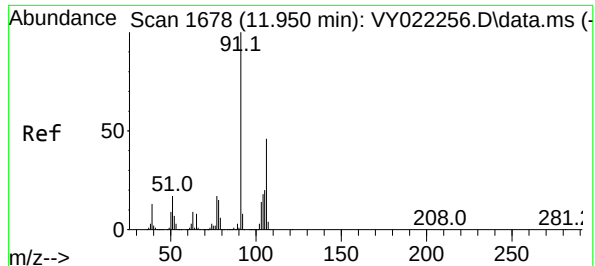


#68
m/p-Xylenes
Concen: 9.407 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



Tgt Ion:106 Resp: 57721
Ion Ratio Lower Upper
106 100
91 205.0 163.0 244.4





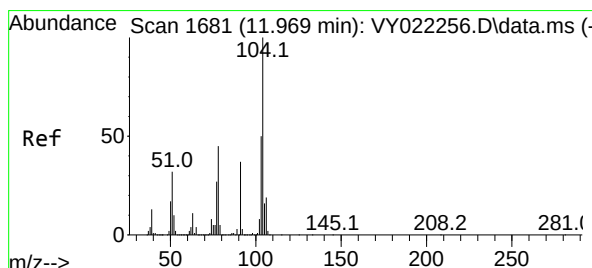
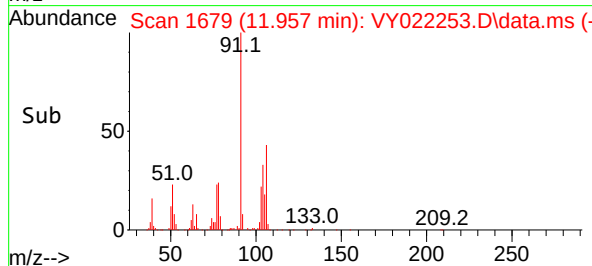
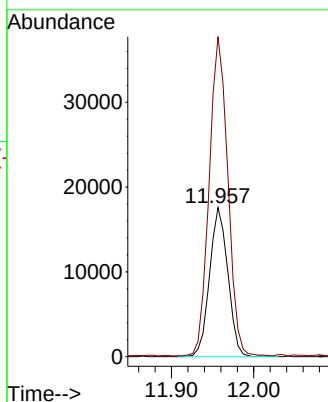
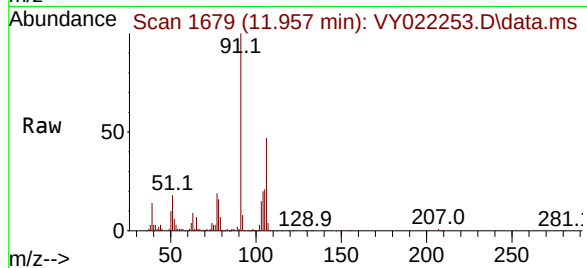
#69
o-Xylene
Concen: 4.673 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 27130
Ion Ratio Lower Upper
106 100
91 218.6 108.3 324.8

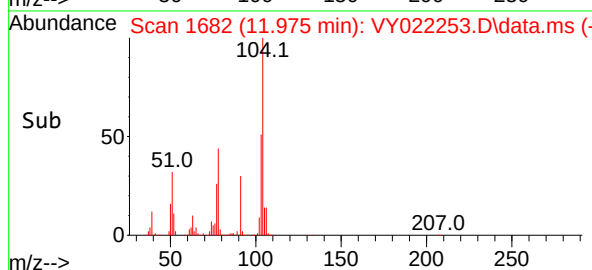
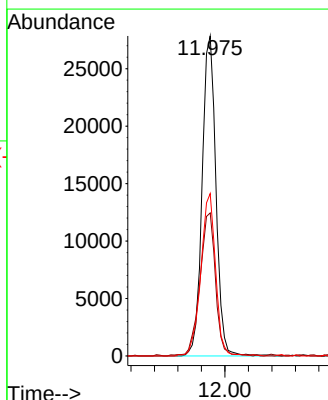
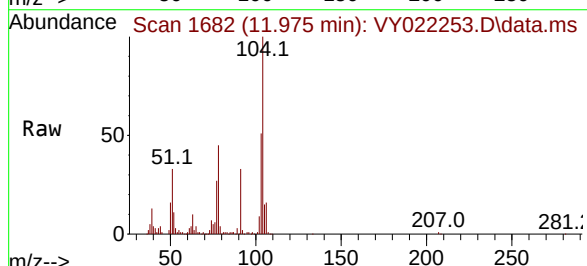
Manual Integrations
APPROVED

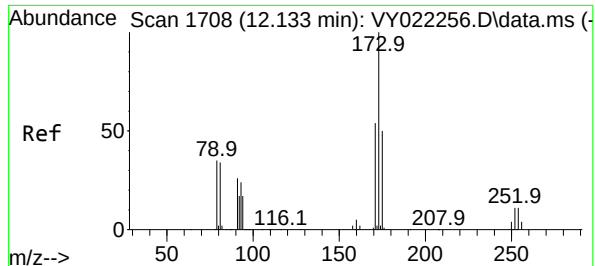
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 4.652 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

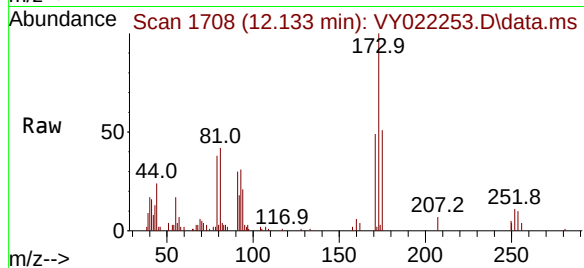
Tgt Ion:104 Resp: 45556
Ion Ratio Lower Upper
104 100
78 50.6 40.9 61.3
103 54.2 43.7 65.5





#71
Bromoform
Concen: 4.834 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

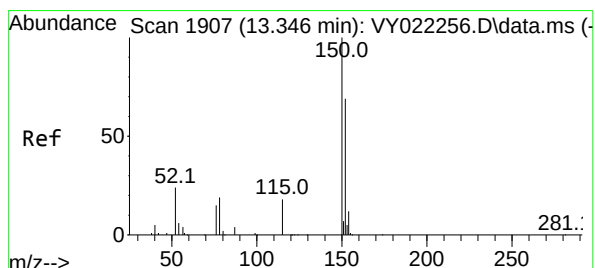
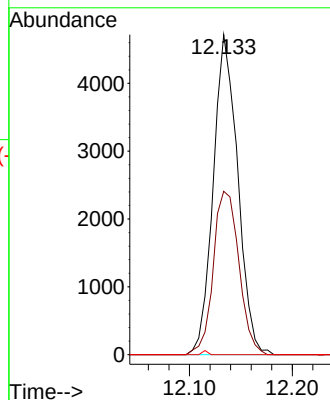
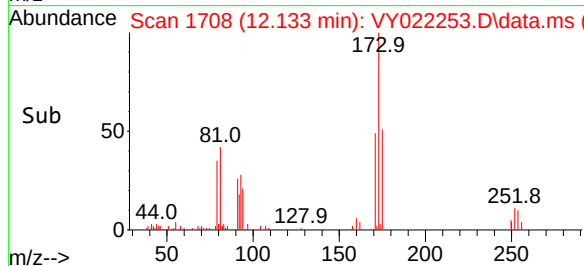
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



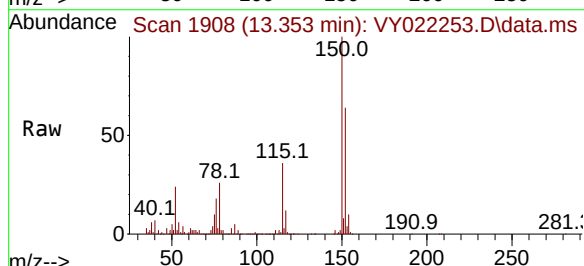
Tgt Ion:173 Resp: 7799
Ion Ratio Lower Upper
173 100
175 53.5 24.7 74.1
254 0.3 0.0 0.0

Manual Integrations
APPROVED

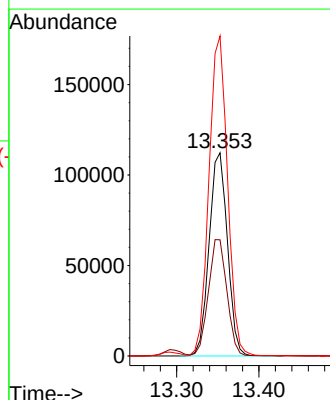
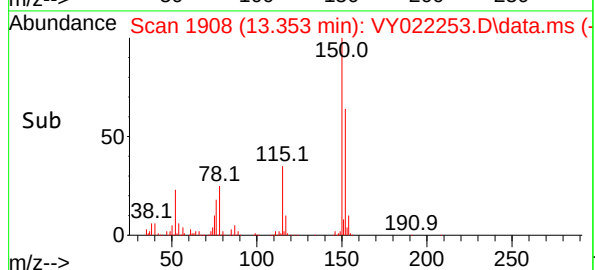
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

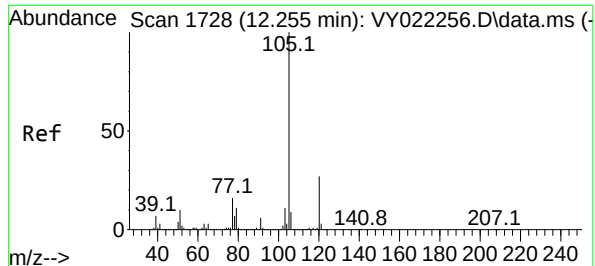


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



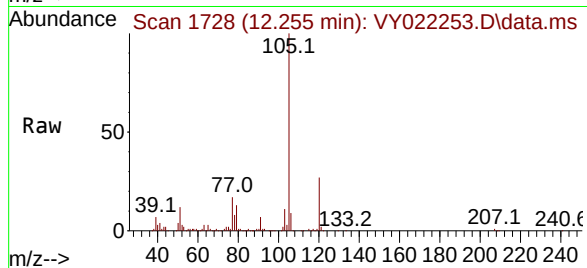
Tgt Ion:152 Resp: 174003
Ion Ratio Lower Upper
152 100
115 58.0 29.4 88.2
150 158.8 0.0 353.8





#73
Isopropylbenzene
Concen: 5.017 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

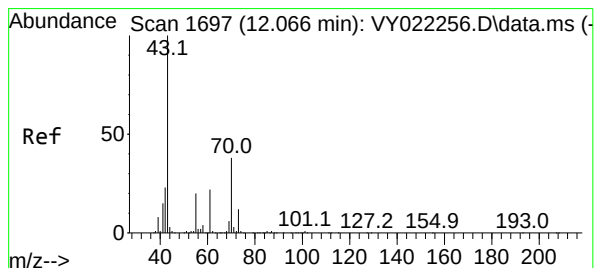
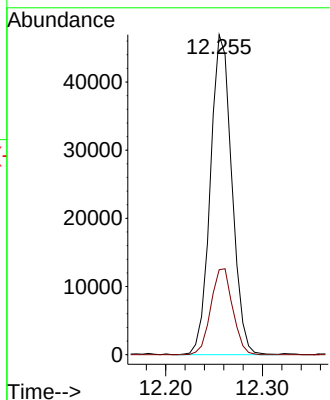
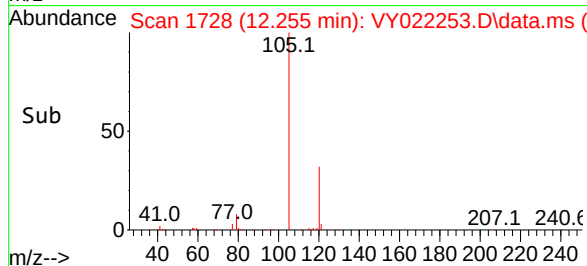
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



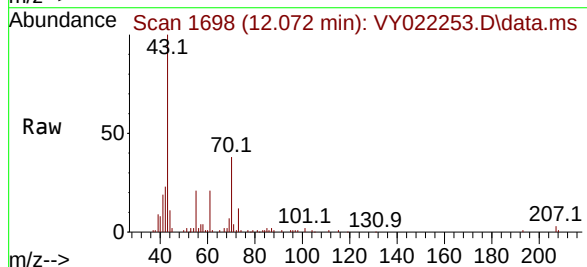
Tgt Ion:105 Resp: 72325
Ion Ratio Lower Upper
105 100
120 27.3 13.2 39.6

Manual Integrations
APPROVED

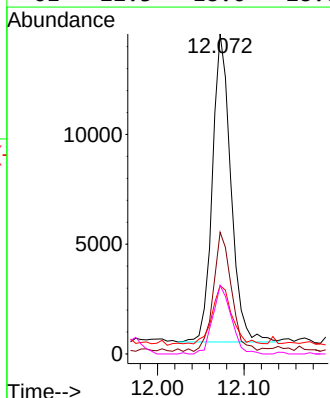
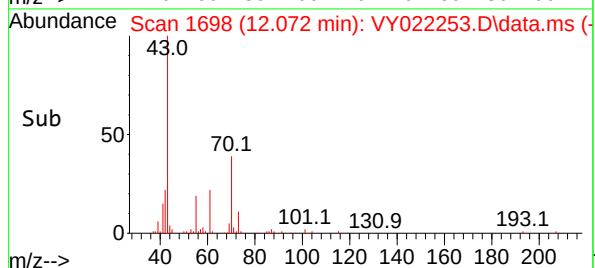
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

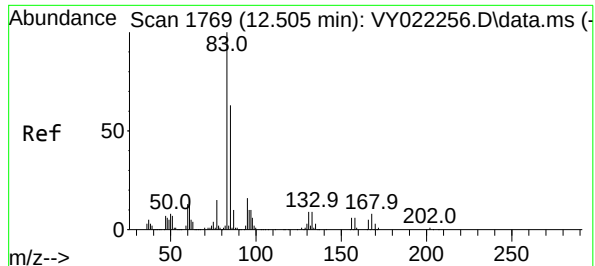


#74
N-ethyl acetate
Concen: 5.043 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



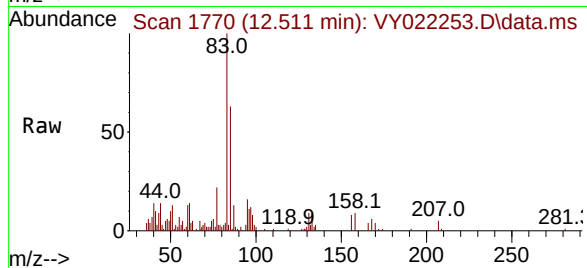
Tgt Ion: 43 Resp: 20793
Ion Ratio Lower Upper
43 100
70 37.9 31.4 47.0
55 19.9 17.0 25.6
61 22.3 18.6 28.0





#75
1,1,2-Tetrachloroethane
Concen: 5.152 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

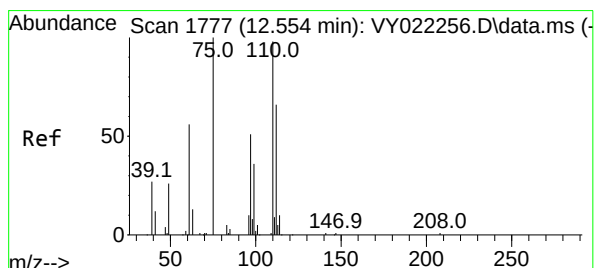
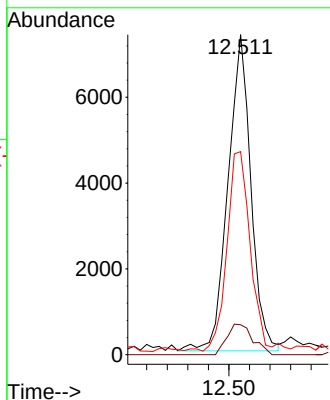
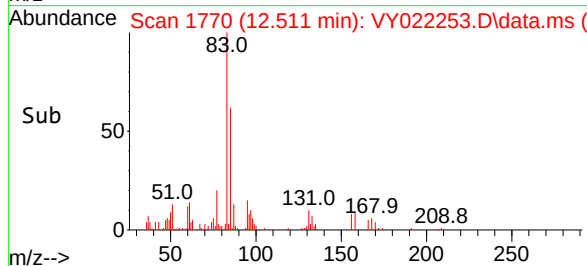
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 1142
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.7
85 63.6 32.0 96.0

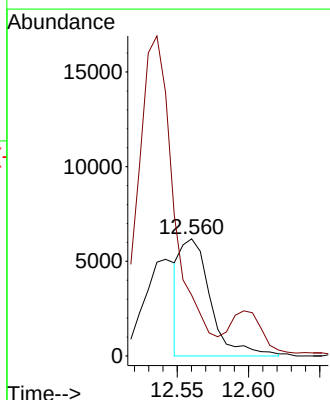
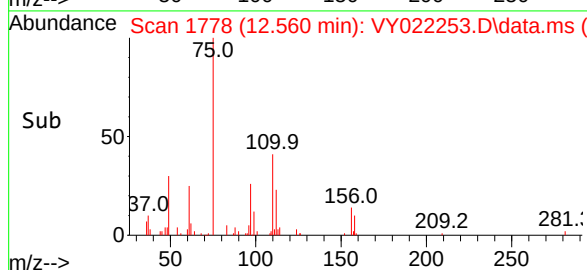
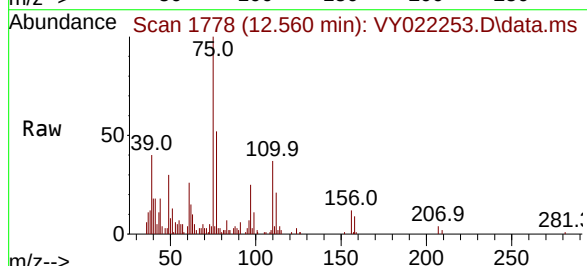
Manual Integrations
APPROVED

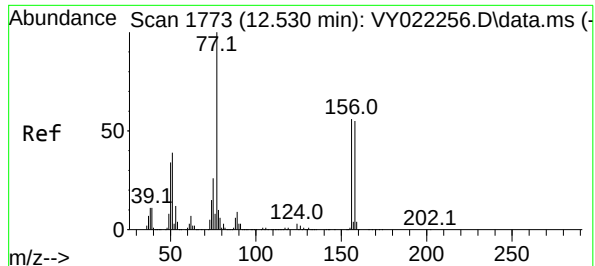
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76
1,2,3-Trichloropropane
Concen: 2.960 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

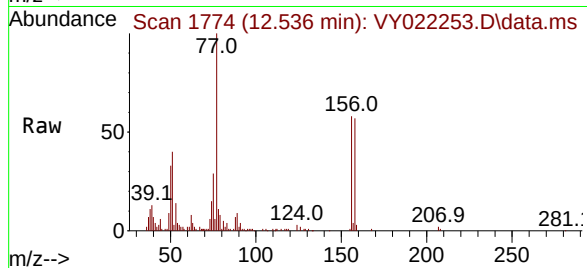
Tgt Ion: 75 Resp: 9076
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.015 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

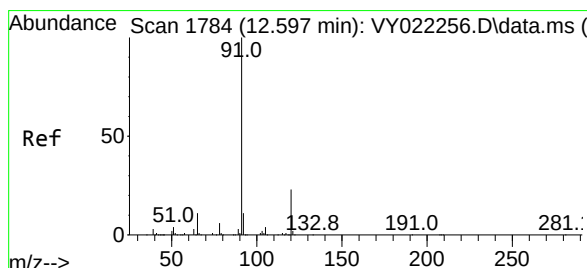
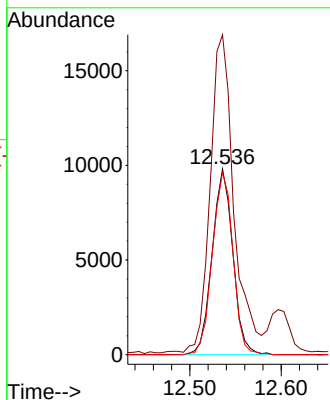
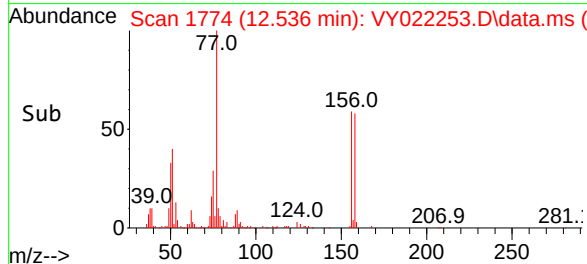
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 1544
Ion Ratio Lower Upper
156 100
77 195.0 94.5 283.6
158 97.7 48.4 145.3

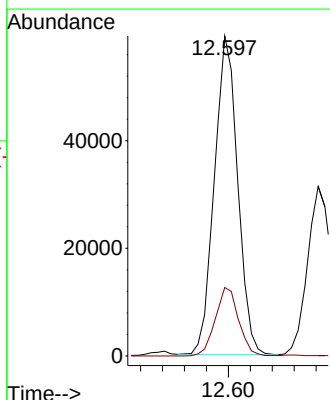
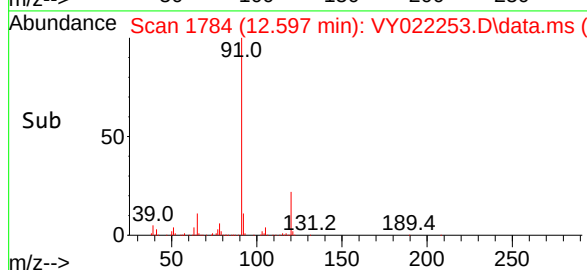
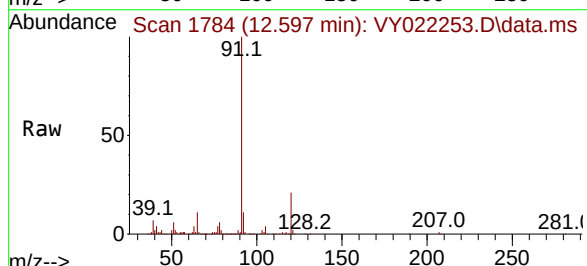
Manual Integrations
APPROVED

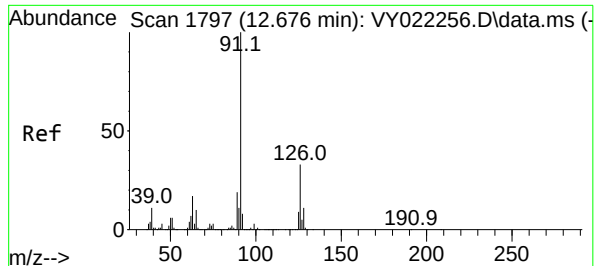
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 5.034 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 91 Resp: 87533
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.3





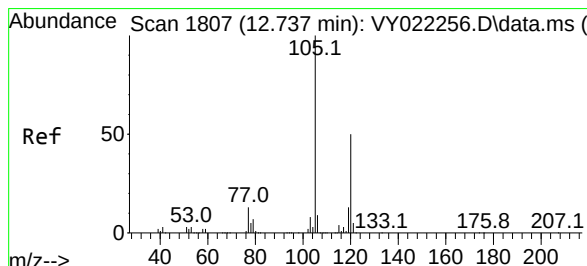
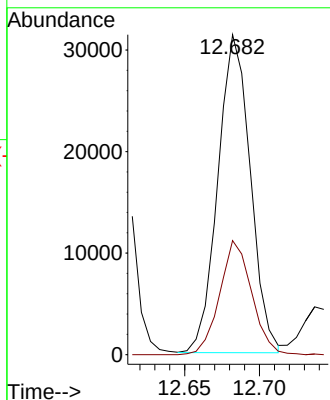
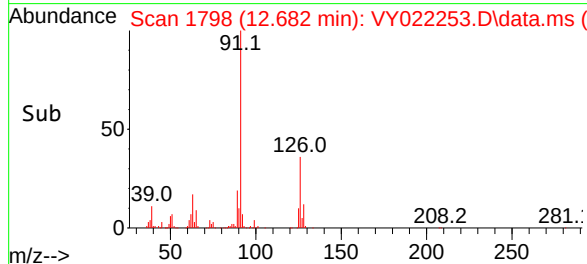
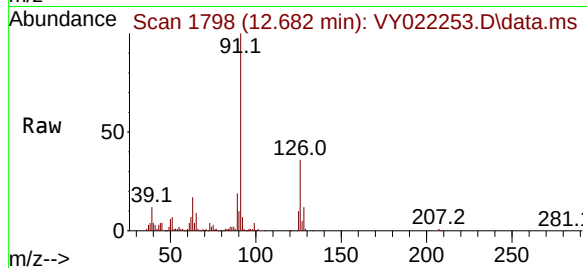
#79
2-Chlorotoluene
Concen: 4.944 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 47249
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.4

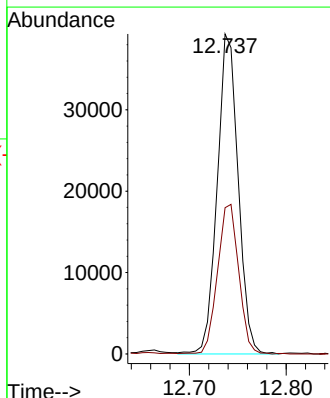
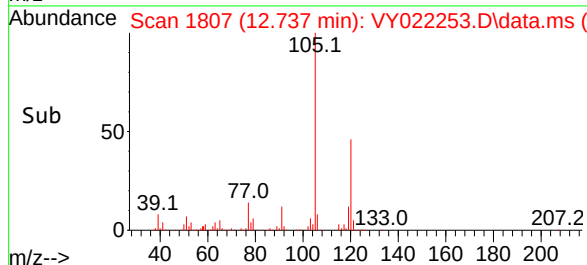
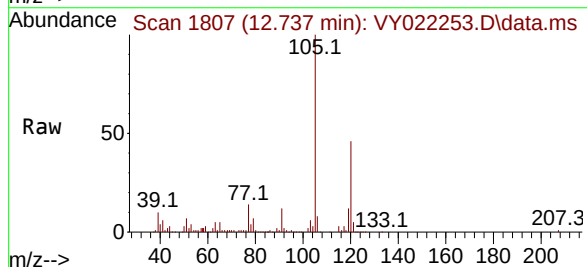
Manual Integrations
APPROVED

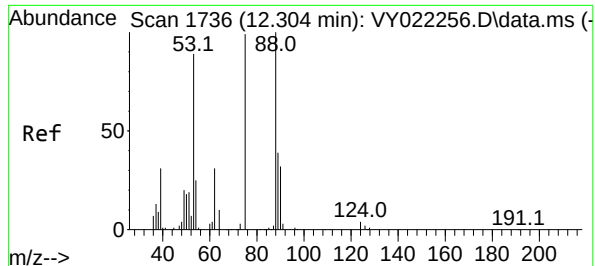
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.073 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

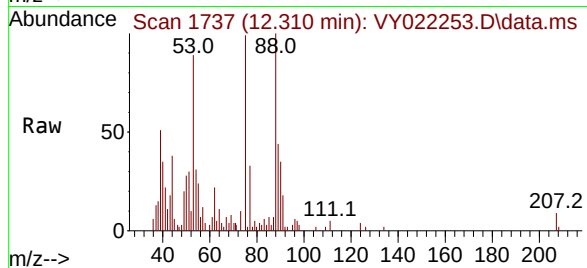
Tgt Ion:105 Resp: 59031
Ion Ratio Lower Upper
105 100
120 47.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 5.373 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

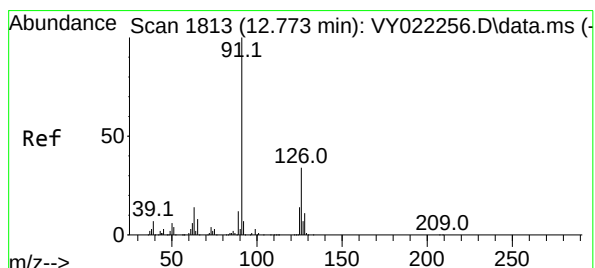
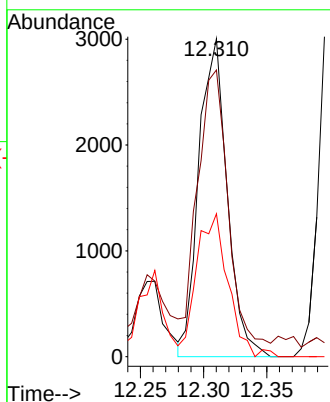
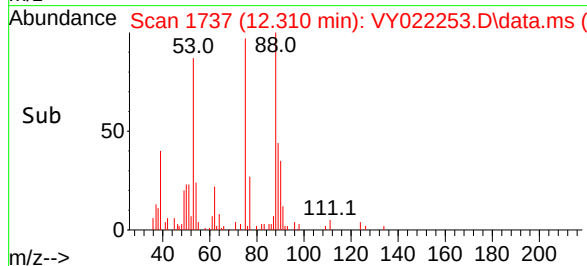
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 4670
Ion Ratio Lower Upper
75 100
53 93.6 75.8 113.8
89 50.0 36.2 54.2

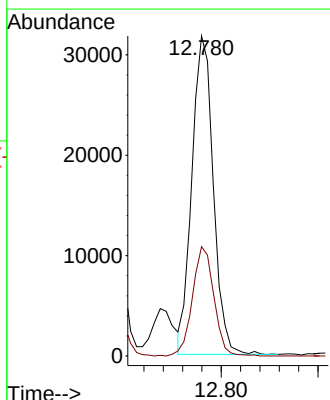
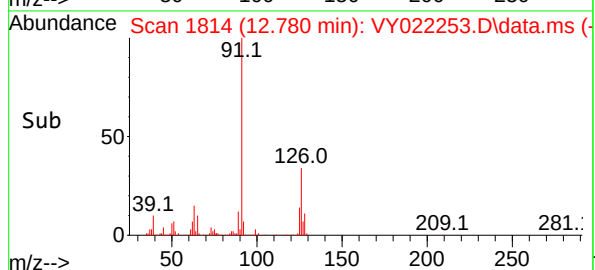
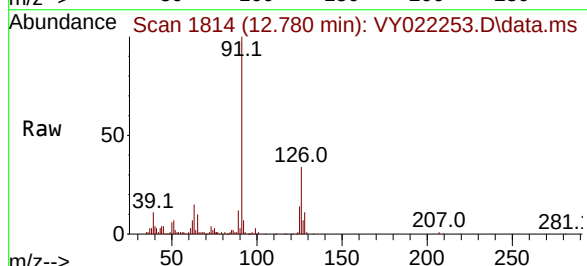
Manual Integrations
APPROVED

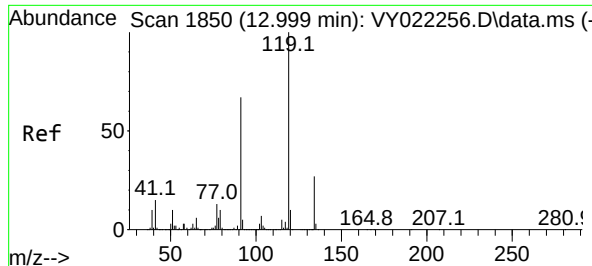
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 4.959 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

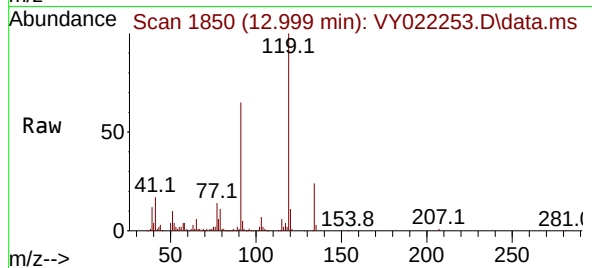
Tgt Ion: 91 Resp: 48737
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.4





#83
tert-Butylbenzene
Concen: 5.109 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

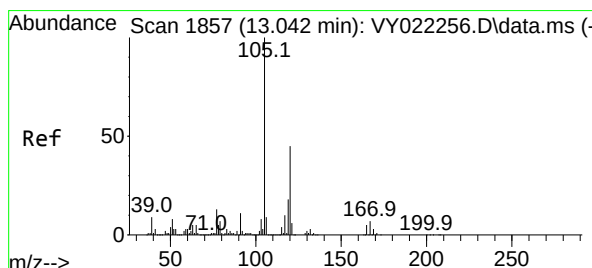
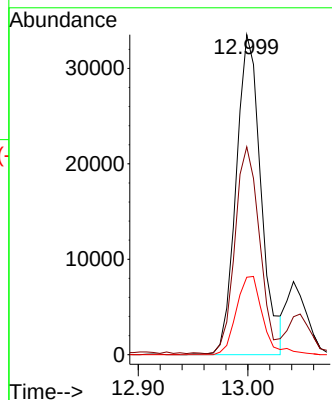
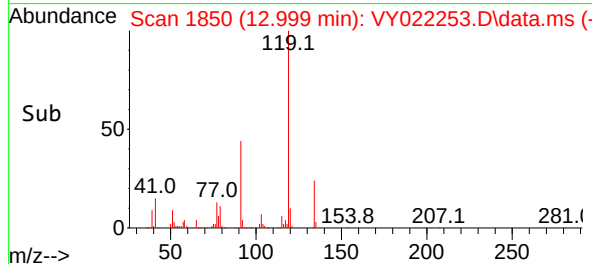
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:119 Resp: 5284
Ion Ratio Lower Upper
119 100
91 64.1 32.8 98.3
134 26.0 12.9 38.6

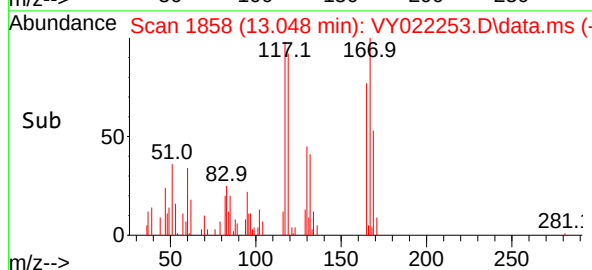
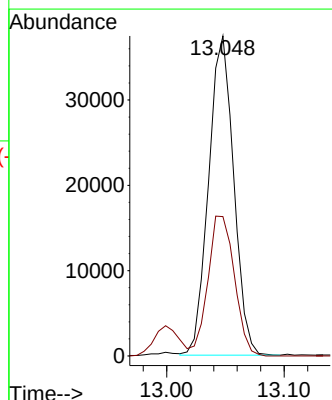
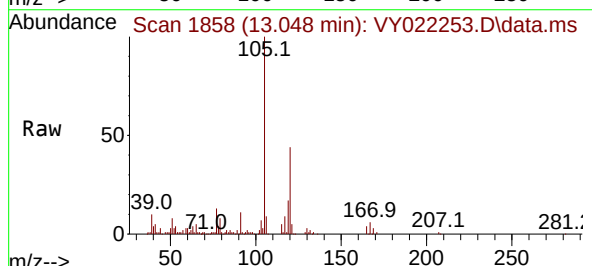
Manual Integrations
APPROVED

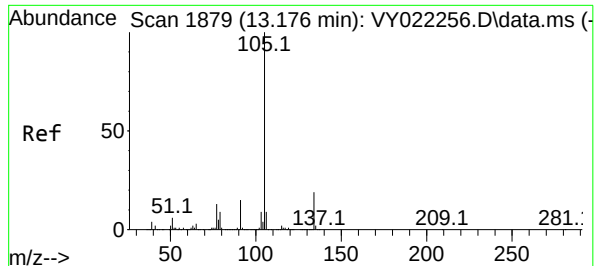
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.804 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

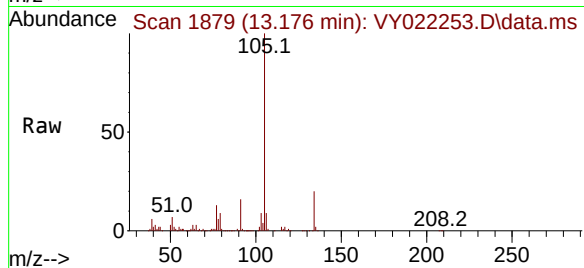
Tgt Ion:105 Resp: 55488
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 4.975 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

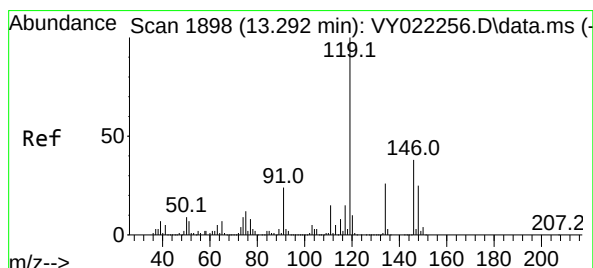
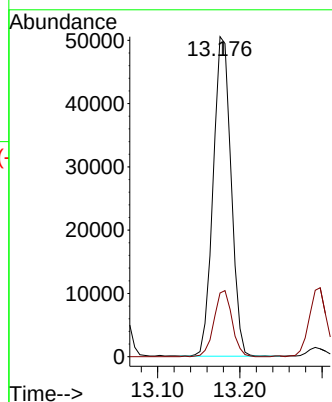
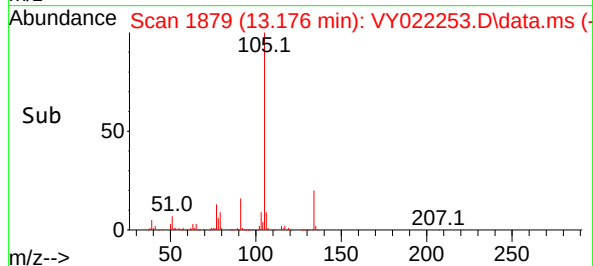
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



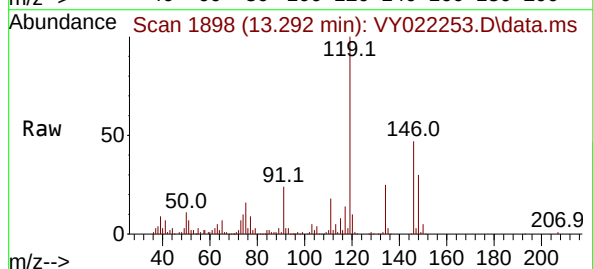
Tgt Ion:105 Resp: 76384
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.8 29.5

Manual Integrations
 APPROVED

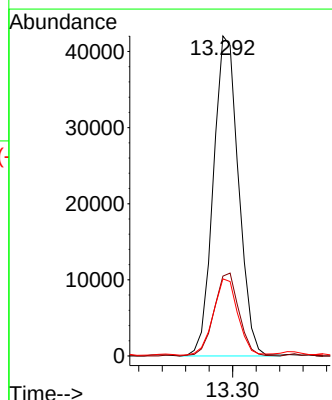
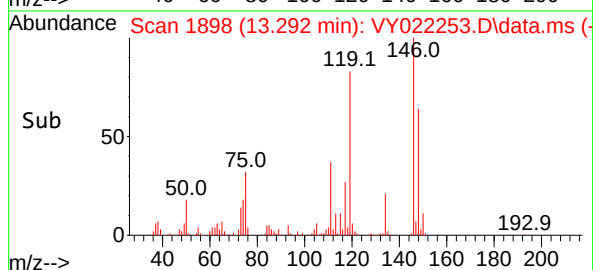
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

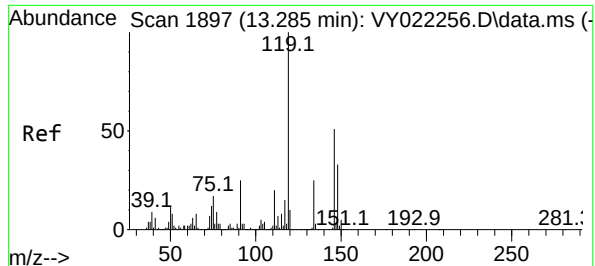


#86
 p-Isopropyltoluene
 Concen: 4.849 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46



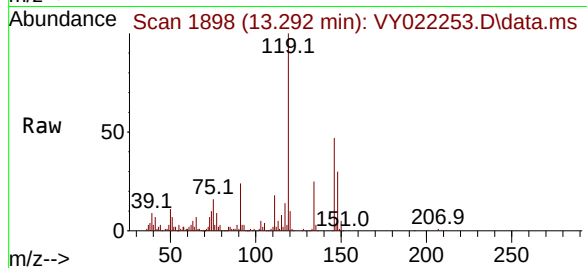
Tgt Ion:119 Resp: 62608
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.2 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 4.863 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

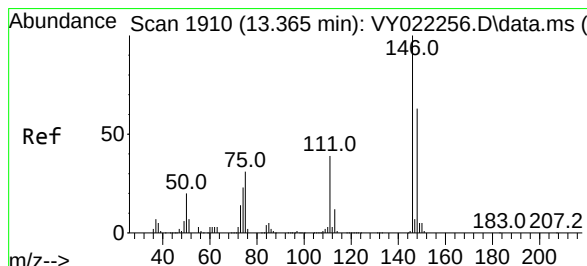
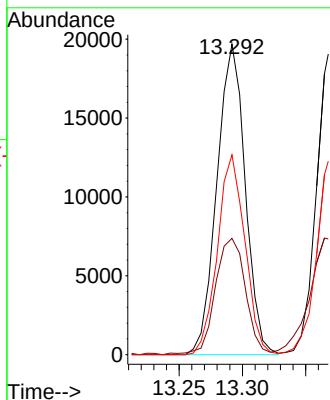
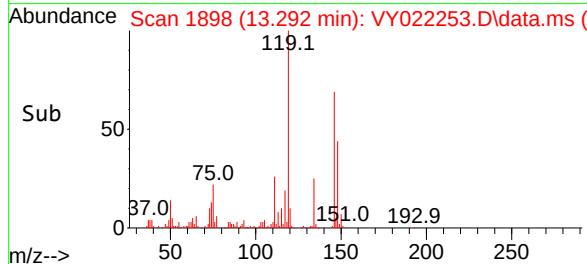
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



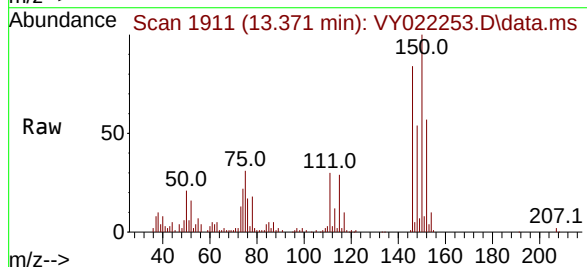
Tgt Ion:146 Resp: 3056
Ion Ratio Lower Upper
146 100
111 39.9 19.9 59.7
148 62.5 31.9 95.7

Manual Integrations
APPROVED

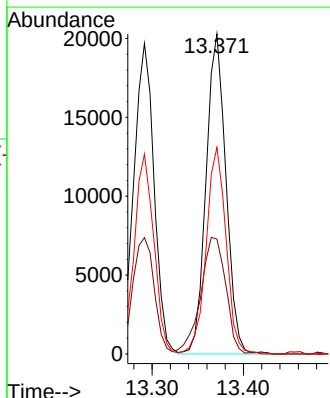
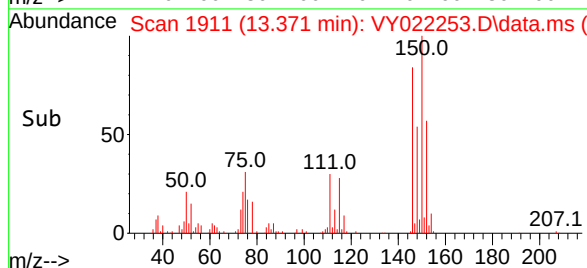
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

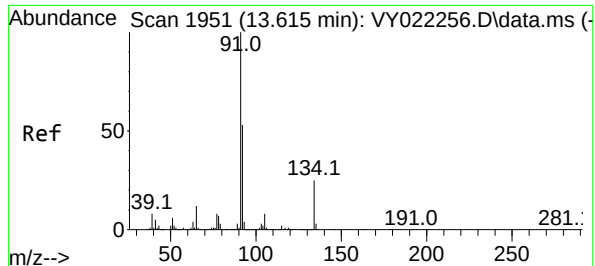


#88
1,4-Dichlorobenzene
Concen: 5.063 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



Tgt Ion:146 Resp: 30610
Ion Ratio Lower Upper
146 100
111 45.2 20.0 59.9
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 4.869 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

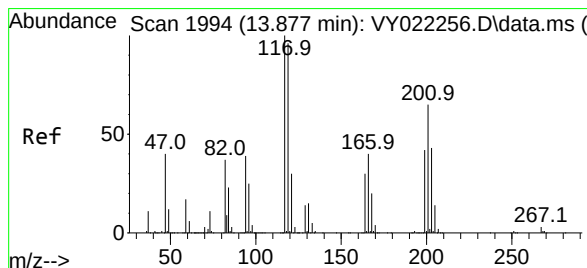
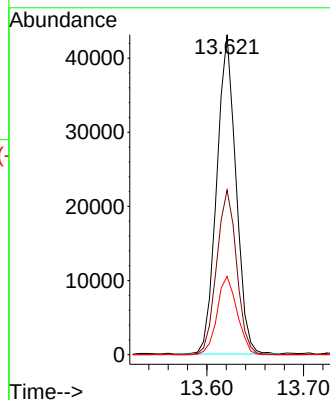
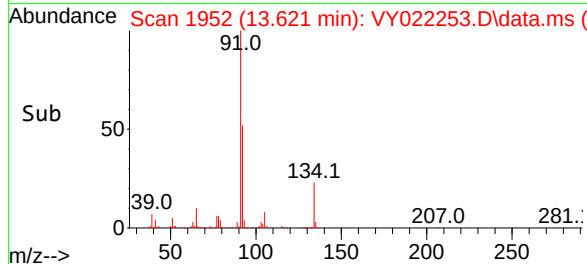
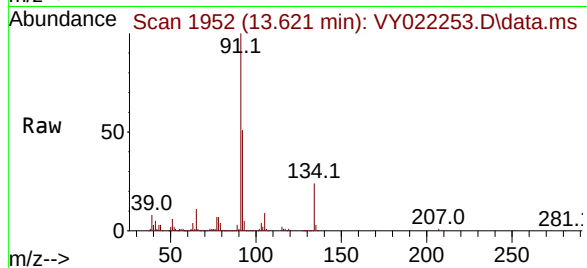
VSTDIC005

Tgt Ion:	91	Resp:	5948
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.3	78.9
134	25.6	12.4	37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90

Hexachloroethane

Concen: 5.158 ug/l

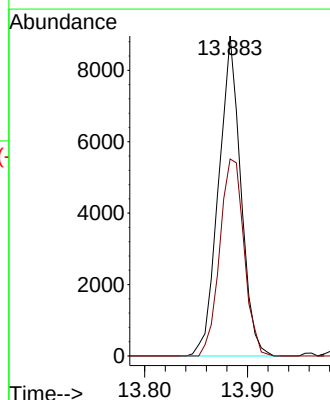
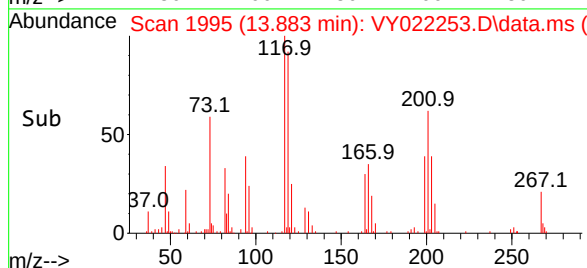
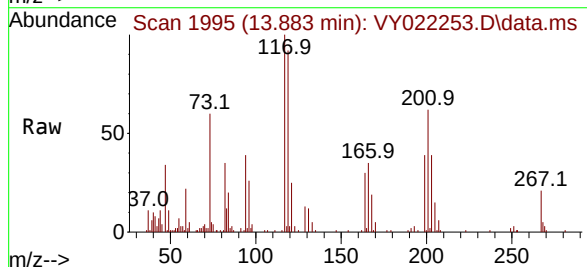
RT: 13.883 min Scan# 1995

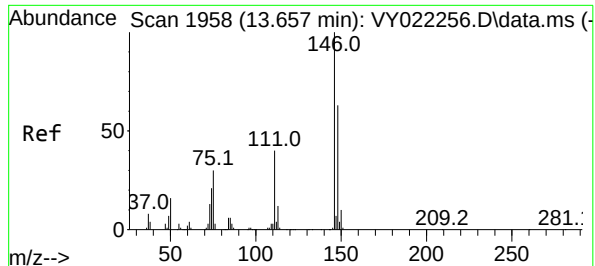
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

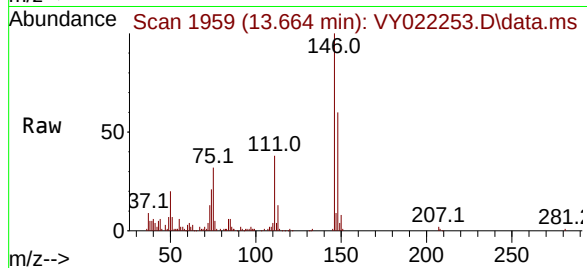
Tgt Ion:	117	Resp:	13445
Ion	Ratio	Lower	Upper
117	100		
201	67.2	35.2	105.6





#91
1,2-Dichlorobenzene
Concen: 5.030 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

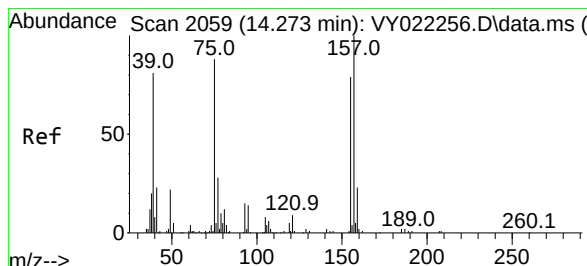
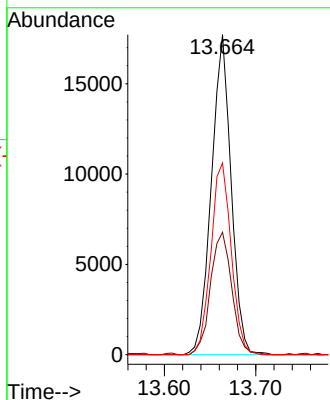
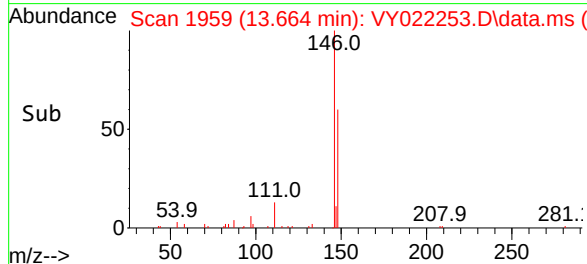
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 26550
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.5
148 61.8 32.0 96.0

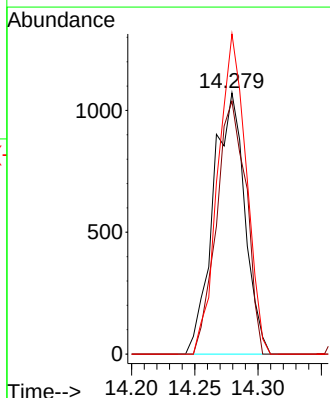
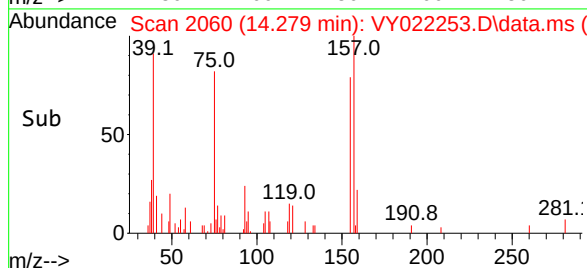
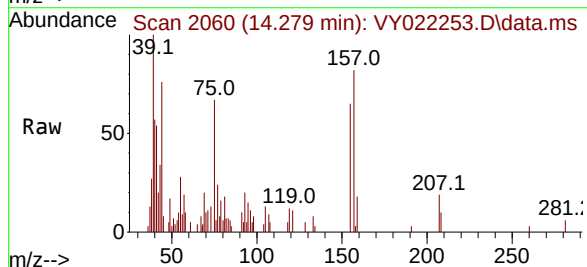
Manual Integrations
APPROVED

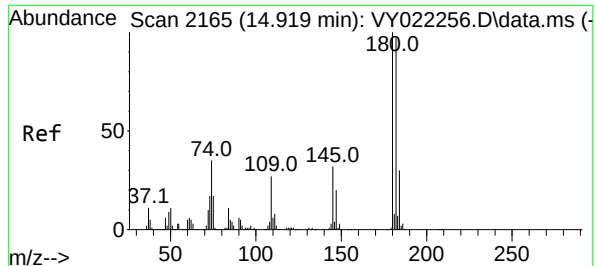
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.217 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 75 Resp: 1865
Ion Ratio Lower Upper
75 100
155 90.8 43.4 130.1
157 109.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 4.906 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 1496

Ion Ratio Lower Upper

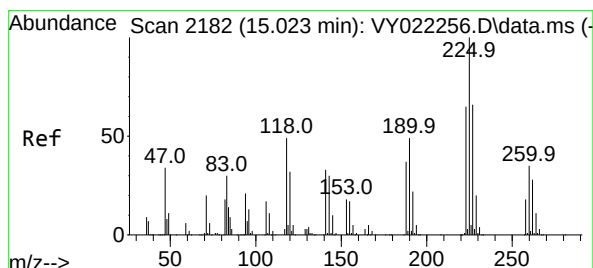
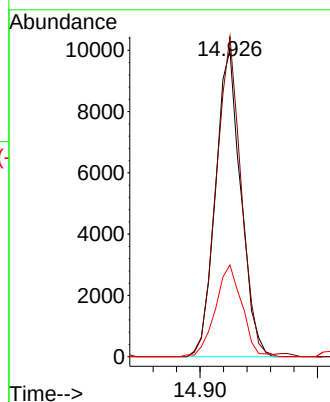
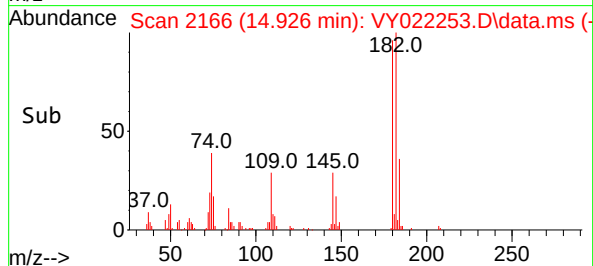
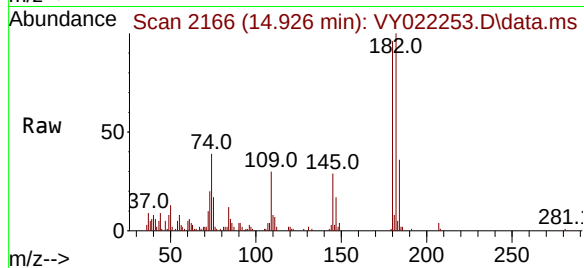
180 100

182 103.3 48.0 144.0

145 31.4 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#94

Hexachlorobutadiene

Concen: 5.226 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

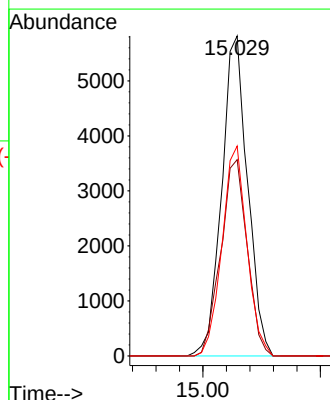
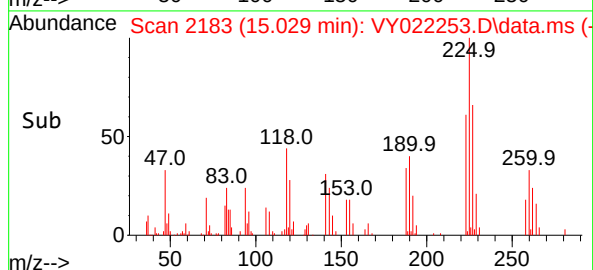
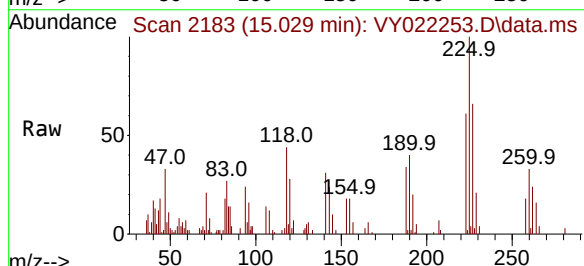
Tgt Ion:225 Resp: 8887

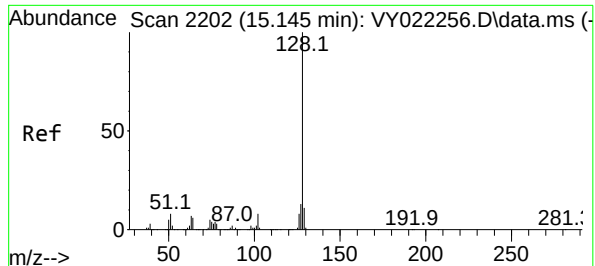
Ion Ratio Lower Upper

225 100

223 62.6 31.5 94.5

227 63.3 32.1 96.3





#95

Naphthalene

Concen: 5.124 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

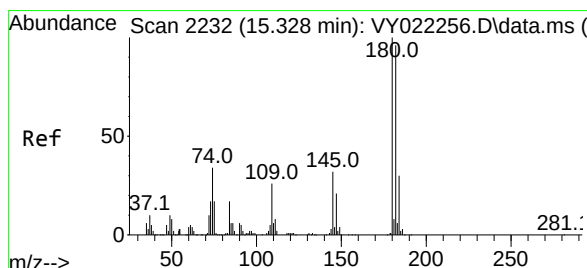
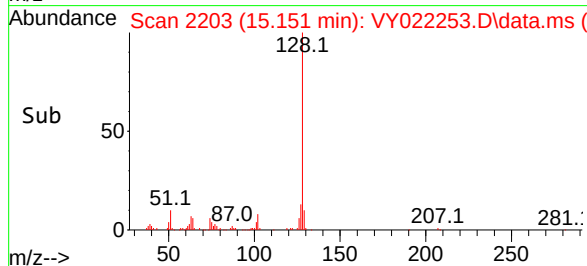
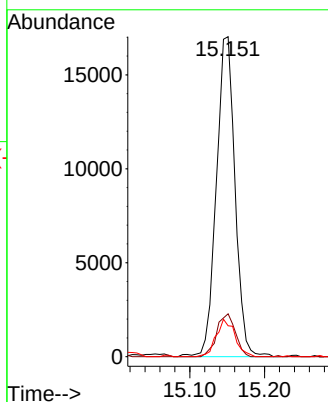
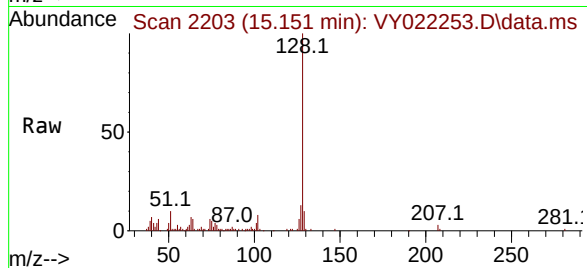
VSTDIC005

Tgt Ion:	128	Resp:	29654
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.2
129	11.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 5.063 ug/l

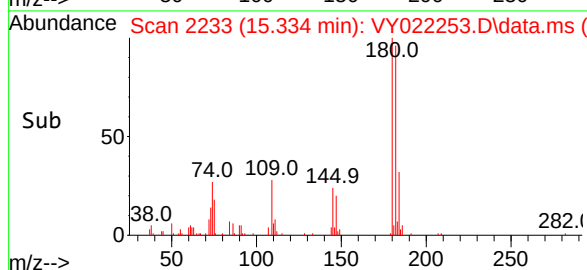
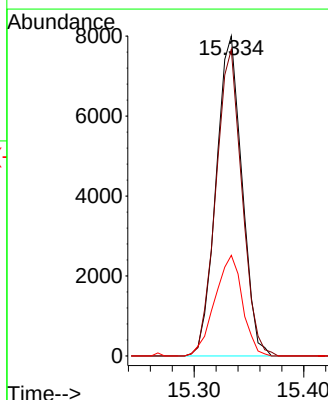
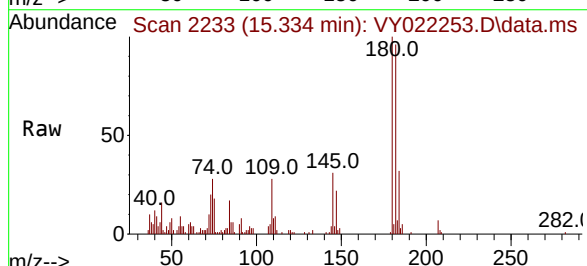
RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:	180	Resp:	13097
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.1	141.3
145	33.7	15.9	47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022254.D
 Acq On : 15 May 2025 10:16
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:21:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	265034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	446109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	29608	10.222	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.440%#		
35) Dibromofluoromethane	7.634	113	26242	9.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.720%#		
50) Toluene-d8	10.109	98	107048	9.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.640%#		
62) 4-Bromofluorobenzene	12.408	95	34423	9.959	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.920%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31097	11.245	ug/l	99
3) Chloromethane	2.068	50	65589	11.275	ug/l	98
4) Vinyl Chloride	2.202	62	69800	10.739	ug/l	95
5) Bromomethane	2.592	94	54773	10.352	ug/l	99
6) Chloroethane	2.732	64	43122	10.665	ug/l	99
7) Trichlorofluoromethane	3.056	101	68501	10.410	ug/l	99
8) Diethyl Ether	3.458	74	16945	10.730	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	30591	10.708	ug/l	99
10) Methyl Iodide	4.007	142	31088	9.402	ug/l	97
11) Tert butyl alcohol	4.878	59	12043	54.446	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	28831	10.170	ug/l	95
13) Acrolein	3.659	56	17927	55.439	ug/l	96
14) Allyl chloride	4.378	41	51275	10.315	ug/l	99
15) Acrylonitrile	5.061	53	33277	51.139	ug/l	100
16) Acetone	3.879	43	30229	55.657	ug/l	100
17) Carbon Disulfide	4.104	76	96591	10.448	ug/l	97
18) Methyl Acetate	4.385	43	16338	9.886	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	80714	10.326	ug/l	96
20) Methylene Chloride	4.622	84	42991	12.250	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	32258	10.309	ug/l	98
22) Diisopropyl ether	6.018	45	106493	10.145	ug/l	94
23) Vinyl Acetate	5.964	43	324651	51.192	ug/l	100
24) 1,1-Dichloroethane	5.915	63	60198	10.265	ug/l	97
25) 2-Butanone	6.896	43	48022	52.859	ug/l	98
26) 2,2-Dichloropropane	6.890	77	54264	10.403	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	36403	10.081	ug/l	98
28) Bromochloromethane	7.244	49	25664	10.259	ug/l	98
29) Tetrahydrofuran	7.274	42	30684	52.498	ug/l	98
30) Chloroform	7.421	83	57172	10.163	ug/l	100
31) Cyclohexane	7.701	56	63155	10.778	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	52856	10.242	ug/l	99
36) 1,1-Dichloropropene	7.835	75	44817	10.219	ug/l	97
37) Ethyl Acetate	6.994	43	20624	9.774	ug/l	97
38) Carbon Tetrachloride	7.817	117	46772	10.303	ug/l	97
39) Methylcyclohexane	9.109	83	60489	10.266	ug/l	98
40) Benzene	8.079	78	130423	10.032	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022254.D
 Acq On : 15 May 2025 10:16
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:21:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	16228m	10.510	ug/l	
42) 1,2-Dichloroethane	8.158	62	35565	10.115	ug/l	100
43) Isopropyl Acetate	8.201	43	47020	10.217	ug/l	98
44) Trichloroethene	8.865	130	32655	10.101	ug/l	99
45) 1,2-Dichloropropane	9.140	63	32172	10.264	ug/l	93
46) Dibromomethane	9.231	93	17134	10.135	ug/l	99
47) Bromodichloromethane	9.426	83	44045	10.042	ug/l	96
48) Methyl methacrylate	9.225	41	21202	9.851	ug/l	98
49) 1,4-Dioxane	9.231	88	3930	205.769	ug/l #	75
51) 4-Methyl-2-Pentanone	9.999	43	110396	48.889	ug/l	100
52) Toluene	10.170	92	82453	10.015	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	42158	9.849	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	48923	9.976	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	21720	10.033	ug/l	97
56) Ethyl methacrylate	10.438	69	32286	9.574	ug/l	98
57) 1,3-Dichloropropane	10.719	76	38908	10.115	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	66700	44.066	ug/l	100
59) 2-Hexanone	10.761	43	74432	49.162	ug/l	99
60) Dibromochloromethane	10.914	129	28002	9.965	ug/l	99
61) 1,2-Dibromoethane	11.018	107	20378	10.099	ug/l	99
64) Tetrachloroethene	10.646	164	36274	10.404	ug/l	99
65) Chlorobenzene	11.444	112	83730	9.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	28441	9.721	ug/l	97
67) Ethyl Benzene	11.517	91	154155	9.672	ug/l	97
68) m/p-Xylenes	11.627	106	116113	19.334	ug/l	99
69) o-Xylene	11.956	106	55896	9.837	ug/l	96
70) Styrene	11.969	104	91569	9.553	ug/l	99
71) Bromoform	12.133	173	16151	10.228	ug/l #	95
73) Isopropylbenzene	12.255	105	144186	10.120	ug/l	99
74) N-amyl acetate	12.072	43	40345	9.901	ug/l	99
75) 1,1,1,2,2-Tetrachloroethane	12.505	83	22243	10.152	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	16056m	5.297	ug/l	
77) Bromobenzene	12.536	156	30445	10.005	ug/l	99
78) n-propylbenzene	12.597	91	173575	10.101	ug/l	100
79) 2-Chlorotoluene	12.682	91	95815	10.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	116461	10.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	8934	10.388	ug/l	94
82) 4-Chlorotoluene	12.779	91	97309	10.018	ug/l	99
83) tert-Butylbenzene	12.999	119	102274	10.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	115175	10.088	ug/l	99
85) sec-Butylbenzene	13.176	105	153443	10.112	ug/l	100
86) p-Isopropyltoluene	13.291	119	124147	9.728	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	61011	9.822	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	60723	10.163	ug/l	97
89) n-Butylbenzene	13.621	91	120371	9.970	ug/l	99
90) Hexachloroethane	13.883	117	26089	10.127	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	52282	10.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3588	10.155	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	29073	9.646	ug/l	99
94) Hexachlorobutadiene	15.023	225	16686	9.927	ug/l	98
95) Naphthalene	15.145	128	54307	9.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	24790	9.696	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022254.D
Acq On : 15 May 2025 10:16
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:21:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

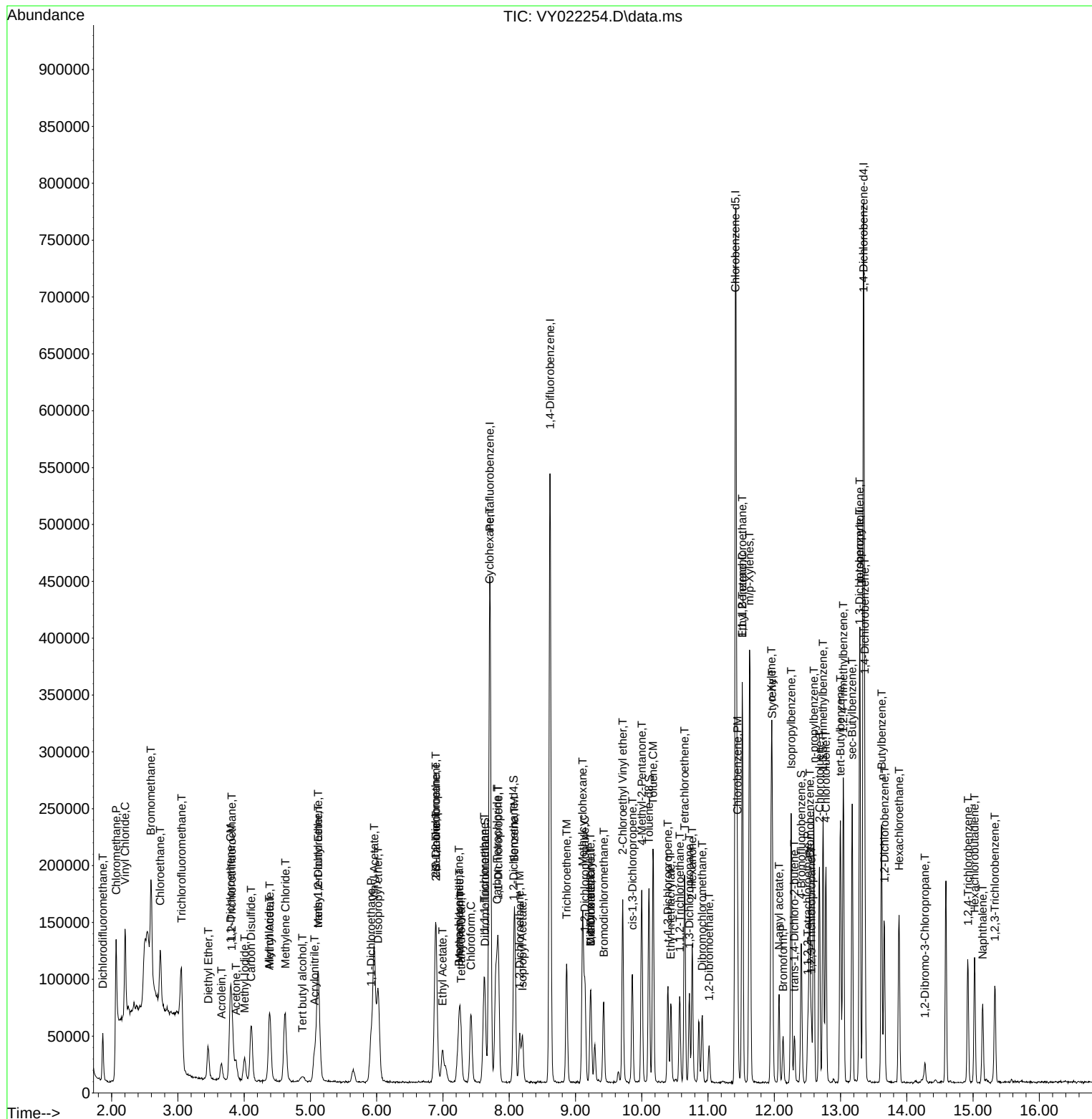
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

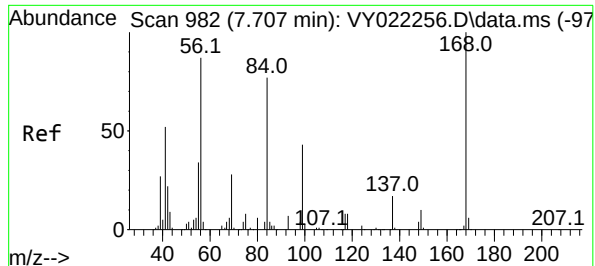
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

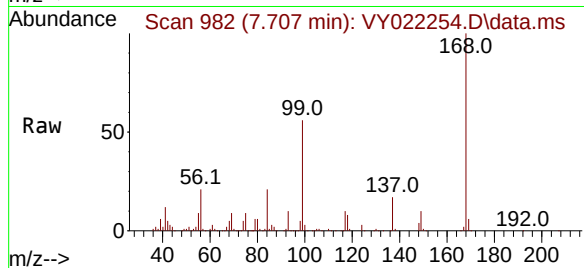
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

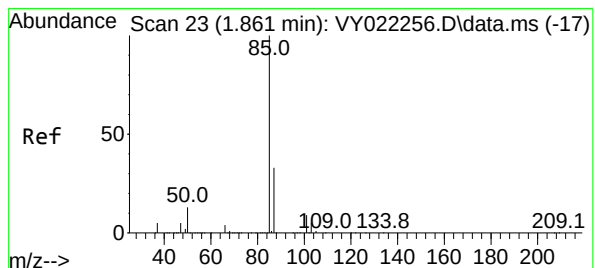
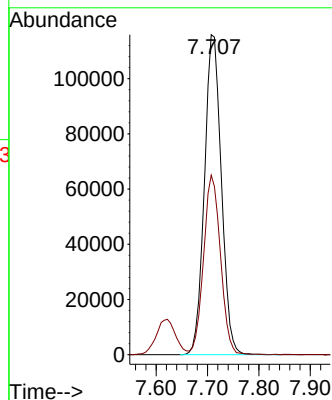
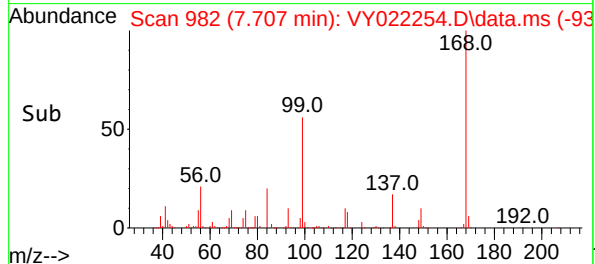
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 265034
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4

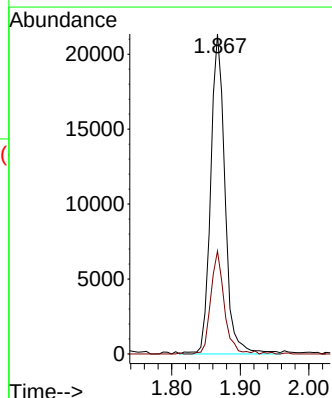
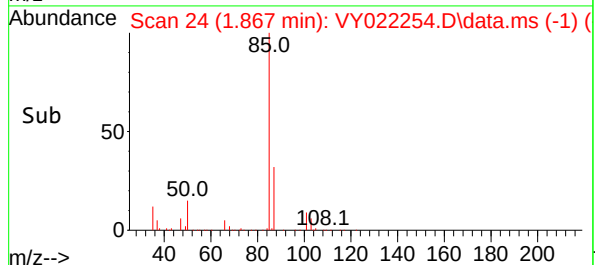
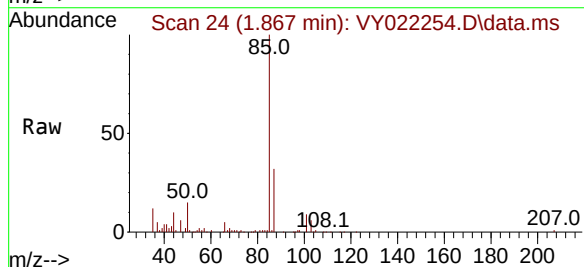
Manual Integrations
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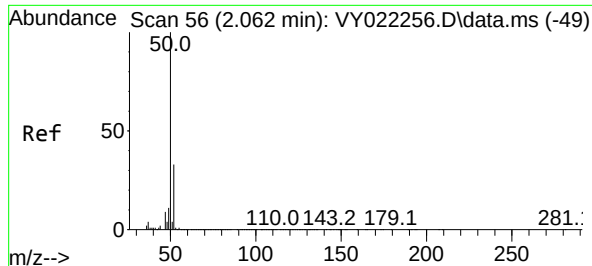
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 11.245 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

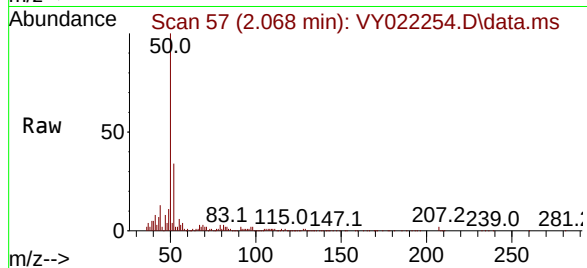
Tgt Ion: 85 Resp: 31097
Ion Ratio Lower Upper
85 100
87 32.2 16.5 49.5





#3
Chloromethane
Concen: 11.275 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

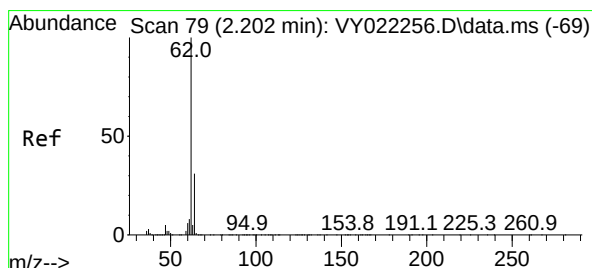
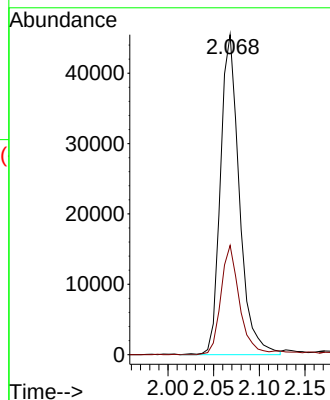
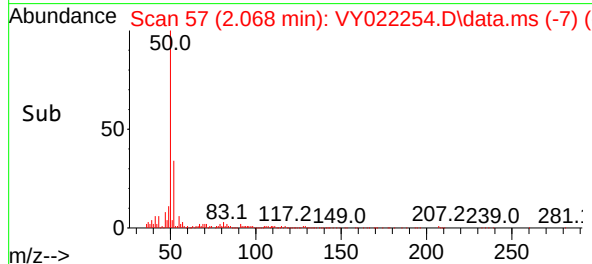
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 65589
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

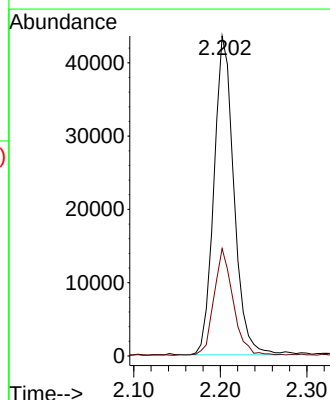
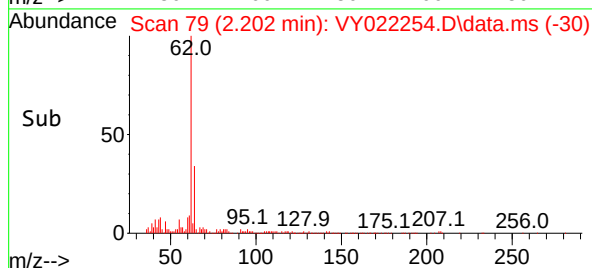
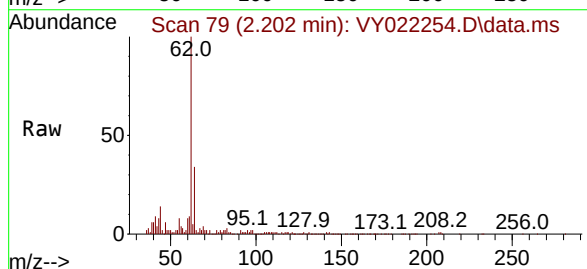
Manual Integrations
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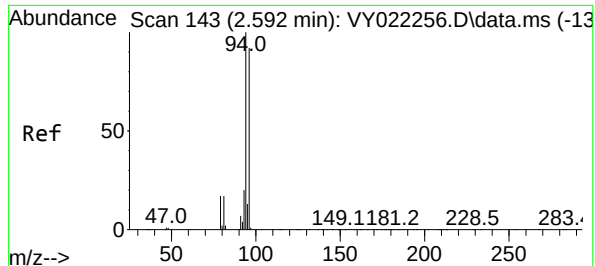
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 10.739 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

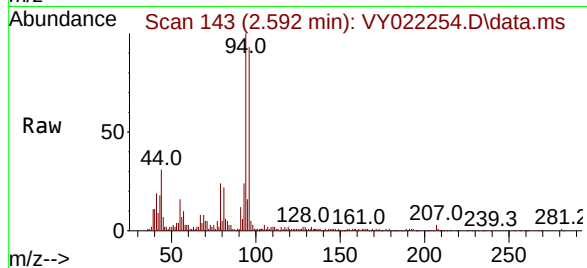
Tgt Ion: 62 Resp: 69800
Ion Ratio Lower Upper
62 100
64 33.2 24.5 36.7





#5
Bromomethane
Concen: 10.352 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

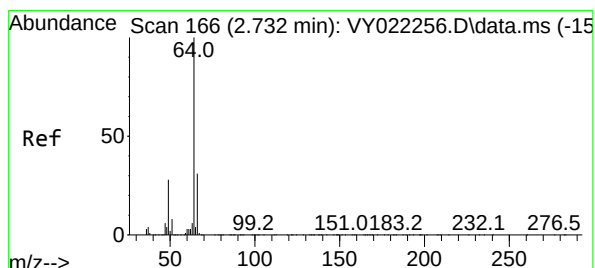
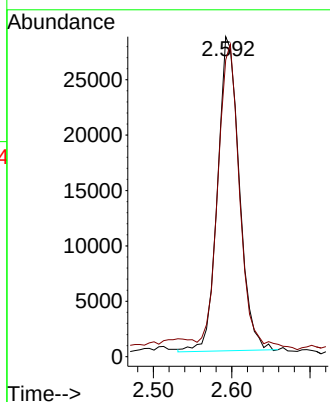
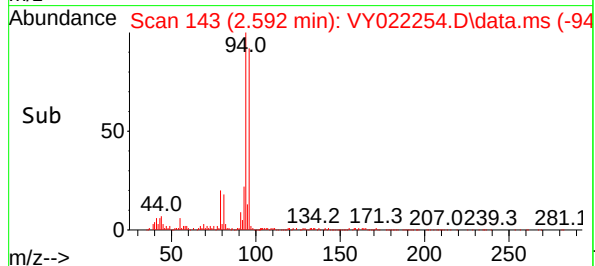
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 94 Resp: 5477
Ion Ratio Lower Upper
94 100
96 90.9 73.4 110.0

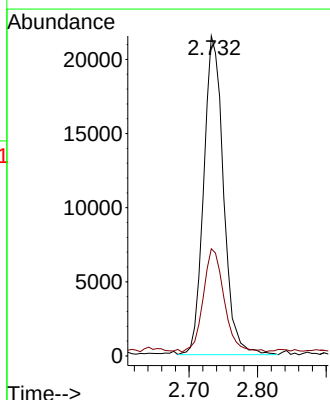
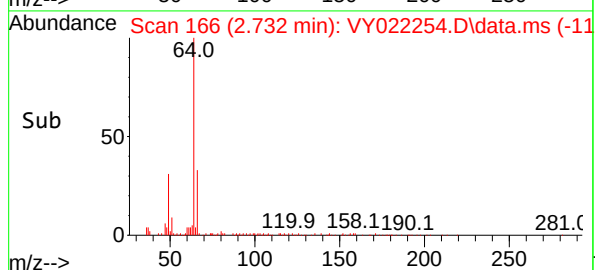
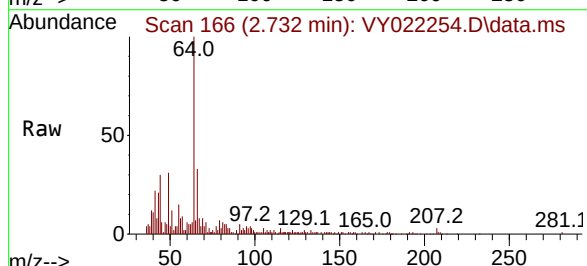
Manual Integrations
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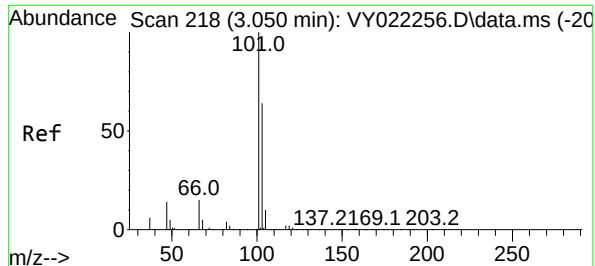
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 10.665 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 64 Resp: 43122
Ion Ratio Lower Upper
64 100
66 31.6 24.8 37.2





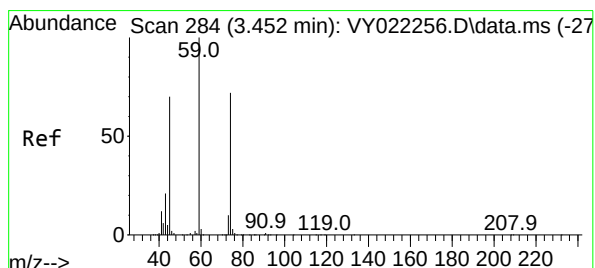
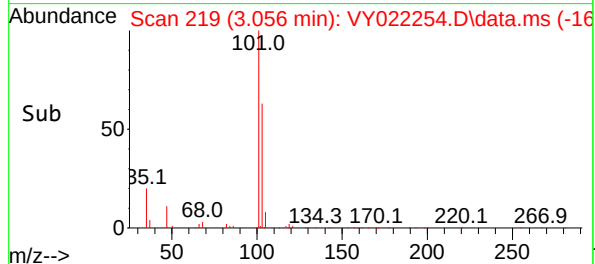
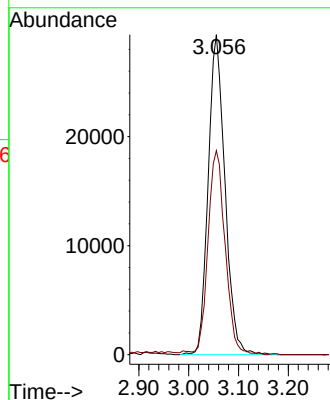
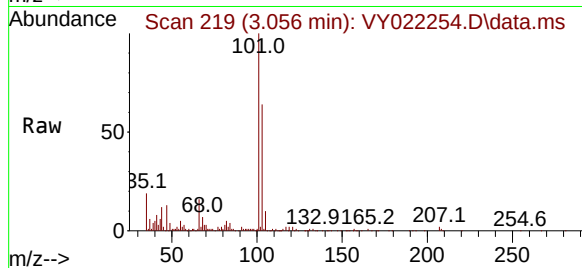
#7
Trichlorofluoromethane
Concen: 10.410 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 6850
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

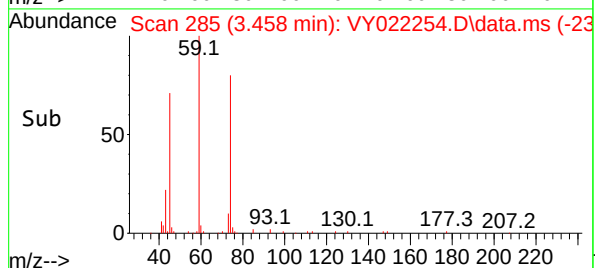
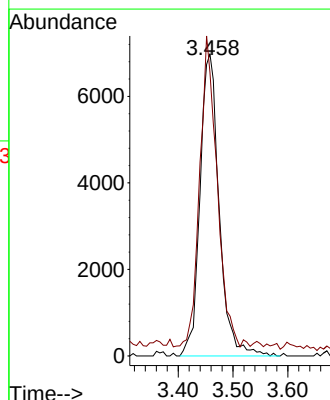
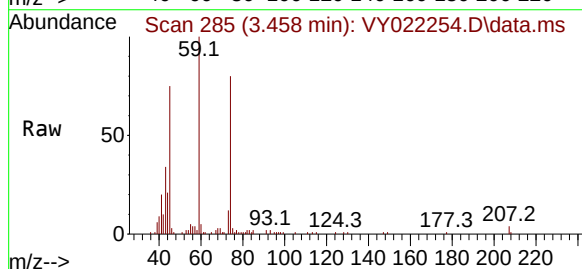
Manual Integrations
APPROVED

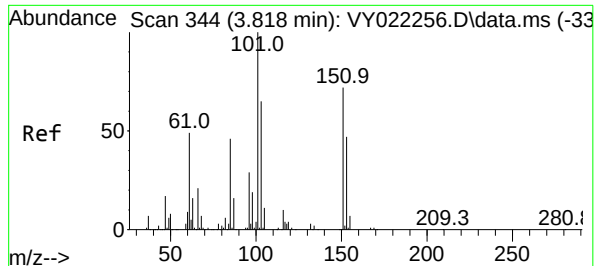
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 10.730 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 74 Resp: 16945
Ion Ratio Lower Upper
74 100
45 93.2 48.6 145.8





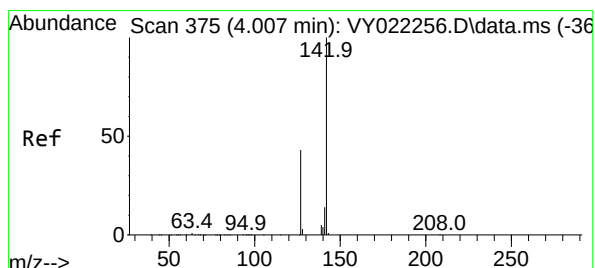
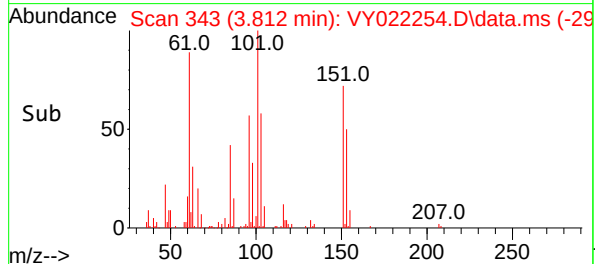
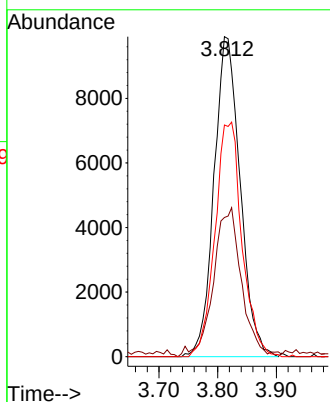
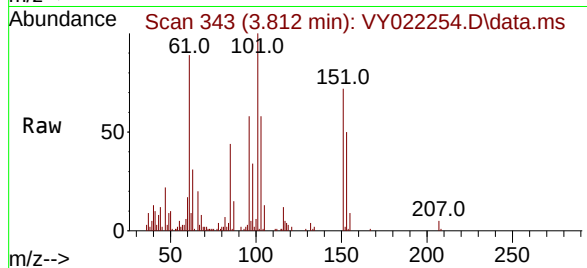
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.708 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 3059
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 75.6 59.7 89.5

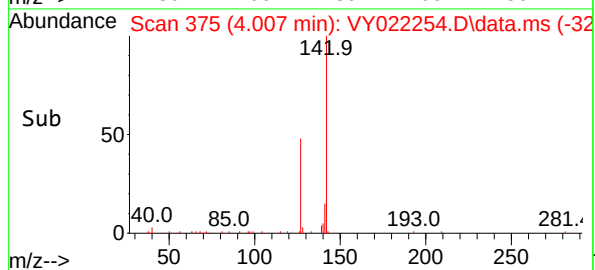
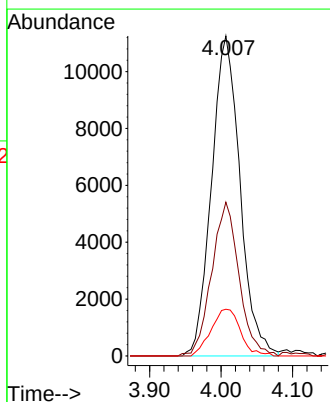
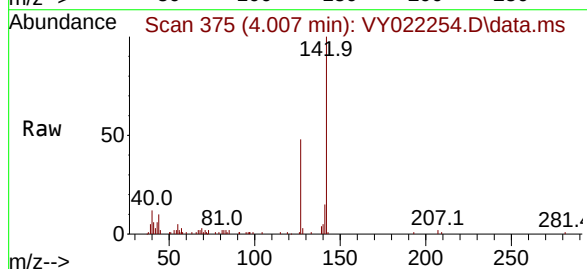
Manual Integrations
APPROVED

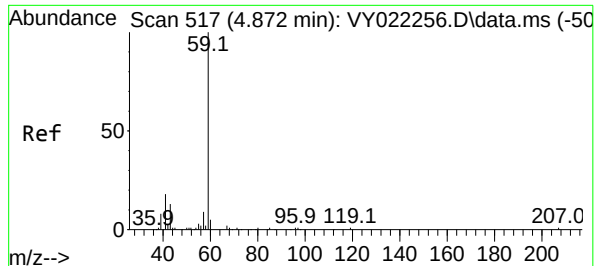
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 9.402 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:142 Resp: 31088
Ion Ratio Lower Upper
142 100
127 46.2 35.7 53.5
141 15.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 54.446 ug/l

RT: 4.878 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 59 Resp: 1204

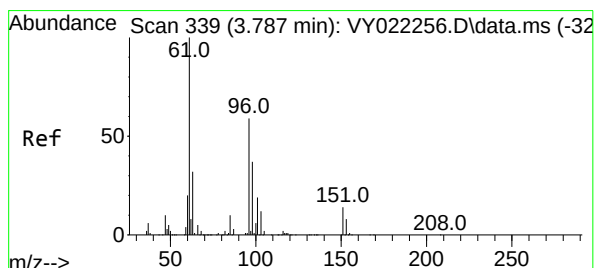
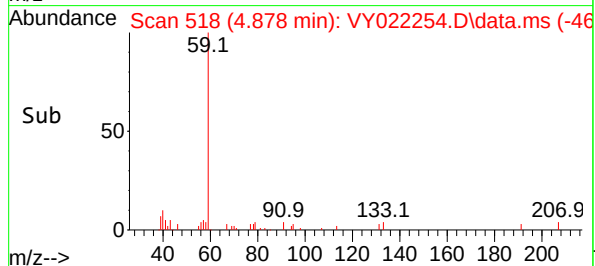
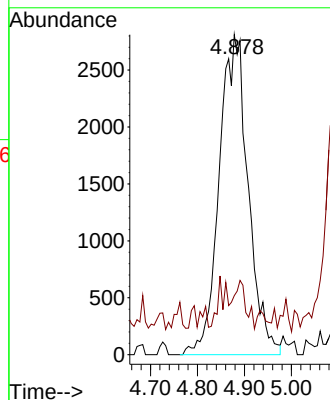
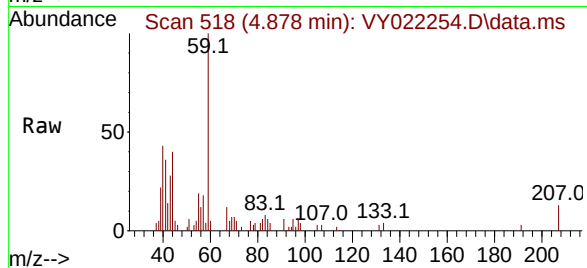
Ion Ratio Lower Upper

59 100

57 5.7 0.0 0.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#12

1,1-Dichloroethene

Concen: 10.170 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

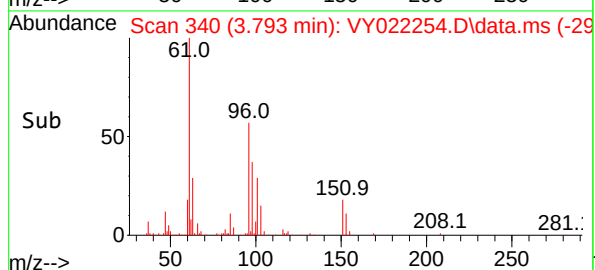
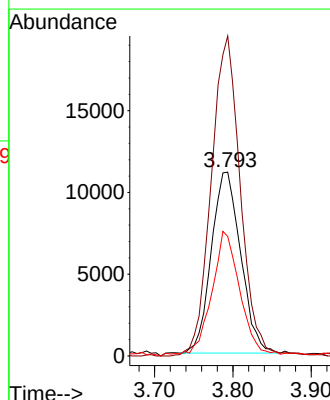
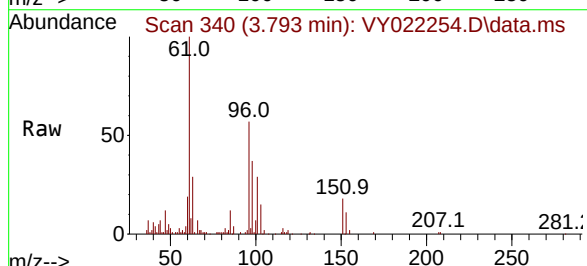
Tgt Ion: 96 Resp: 28831

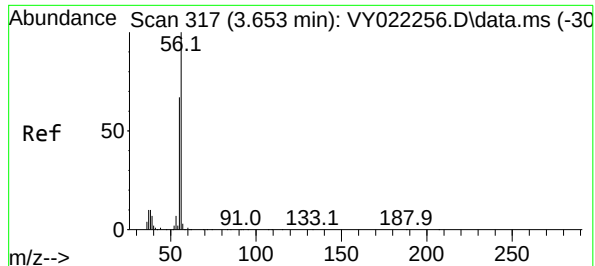
Ion Ratio Lower Upper

96 100

61 176.2 134.9 202.3

98 65.1 49.9 74.9





#13

Acrolein

Concen: 55.439 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 56 Resp: 1792

Ion Ratio Lower Upper

56 100

55 73.0 55.6 83.4

Instrument :

MSVOA_Y

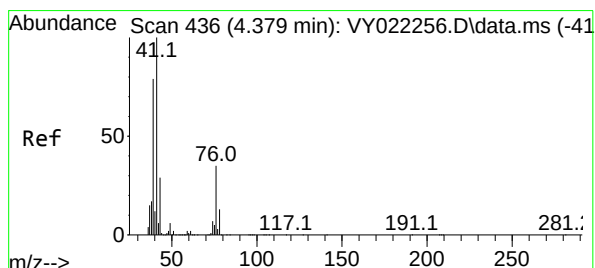
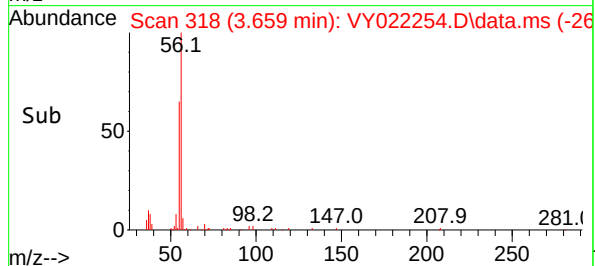
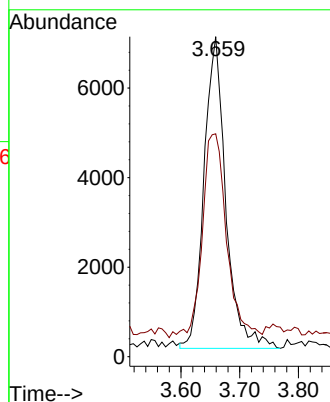
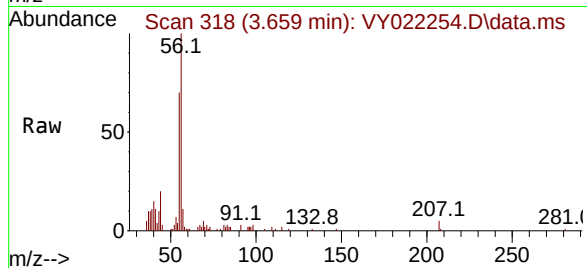
ClientSampleId :

VSTDICC010

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#14

Allyl chloride

Concen: 10.315 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

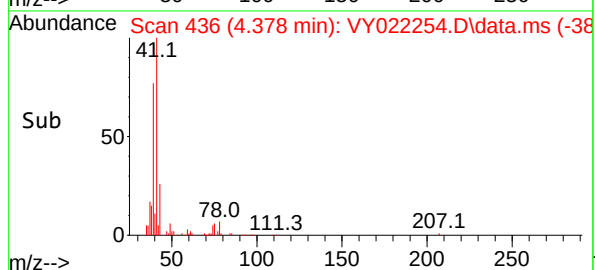
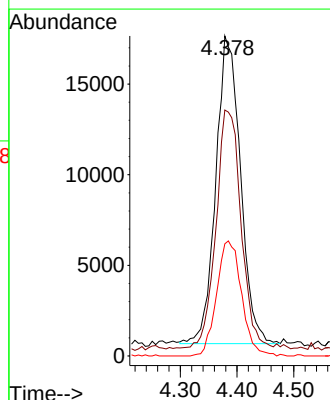
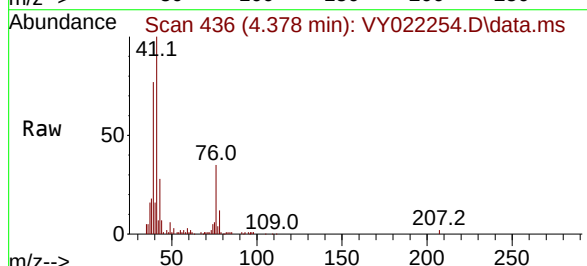
Tgt Ion: 41 Resp: 51275

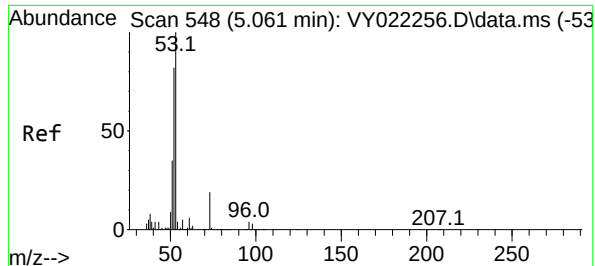
Ion Ratio Lower Upper

41 100

39 79.2 63.4 95.0

76 37.8 29.5 44.3





#15

Acrylonitrile

Concen: 51.139 ug/l

RT: 5.061 min Scan# 548

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

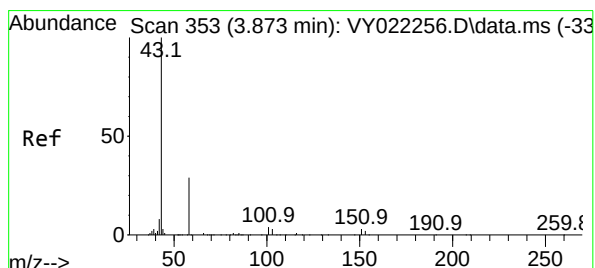
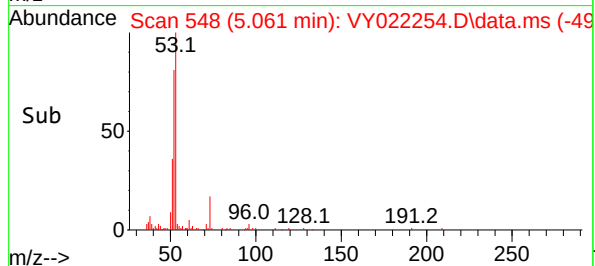
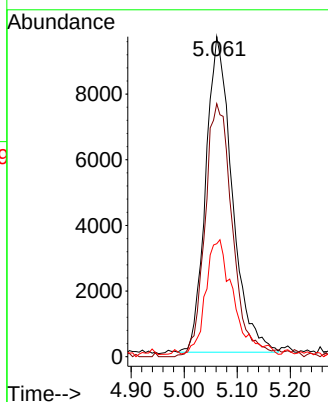
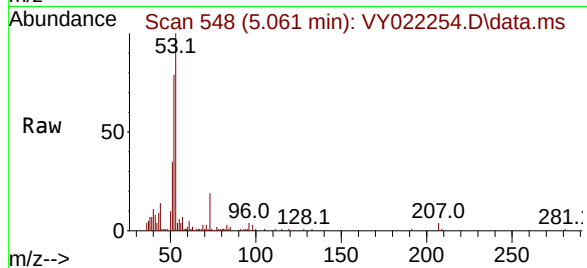
VSTDIC010

Tgt Ion: 53	Resp: 3327
Ion Ratio	Lower Upper
53 100	
52 82.7	66.1 99.1
51 38.2	30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#16

Acetone

Concen: 55.657 ug/l

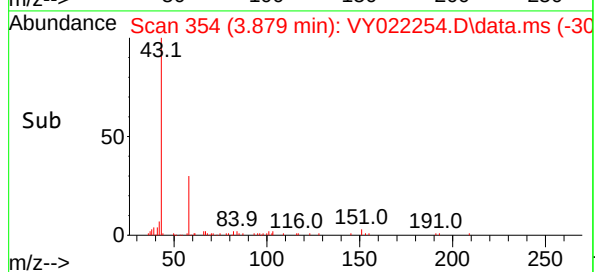
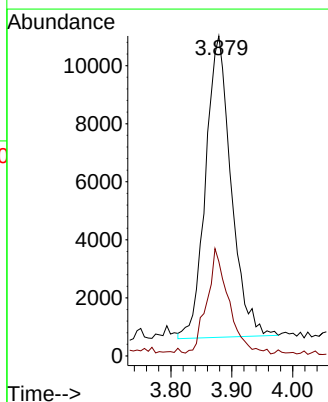
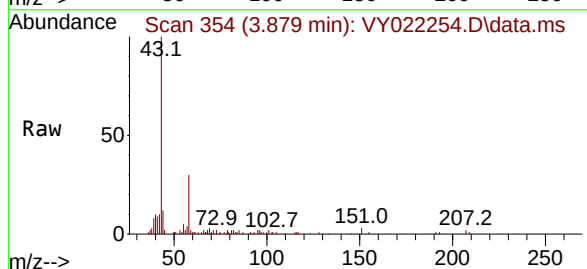
RT: 3.879 min Scan# 354

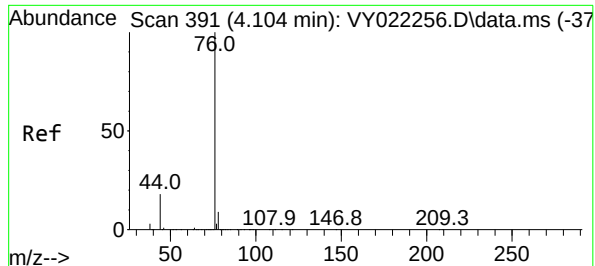
Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

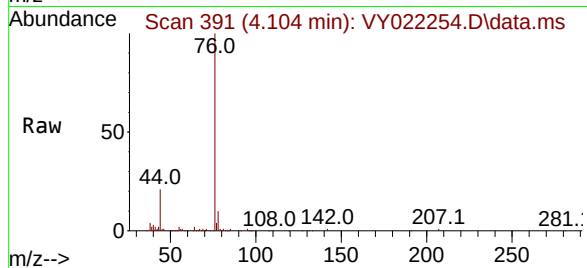
Tgt Ion: 43	Resp: 30229
Ion Ratio	Lower Upper
43 100	
58 29.5	23.6 35.4





#17
Carbon Disulfide
Concen: 10.448 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

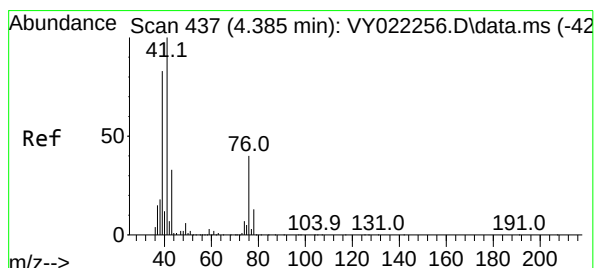
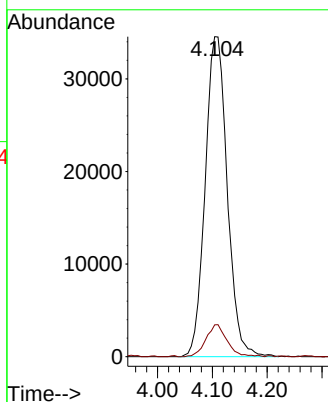
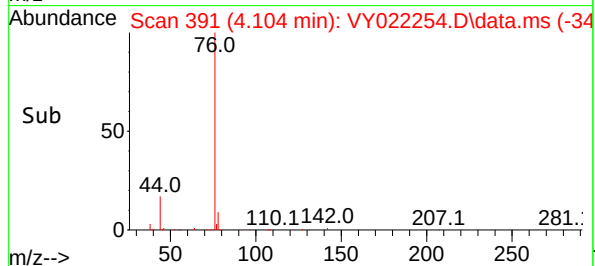
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 9659
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

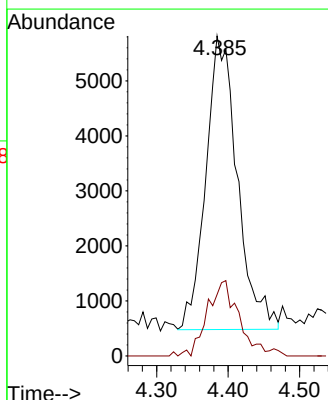
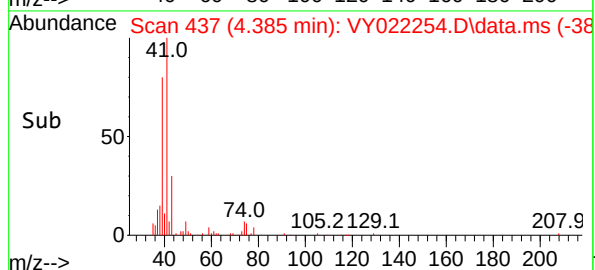
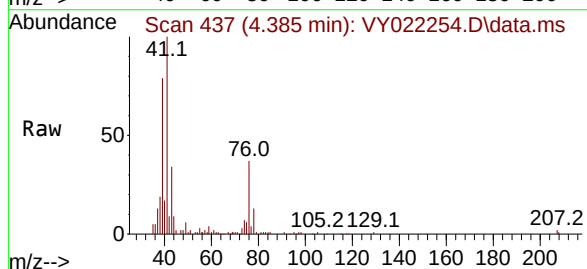
Manual Integrations
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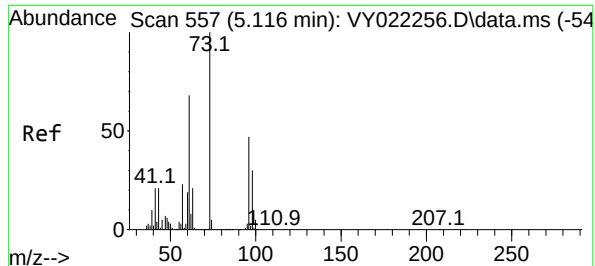
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 9.886 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 43 Resp: 16338
Ion Ratio Lower Upper
43 100
74 25.6 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 10.326 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 80714

Ion Ratio Lower Upper

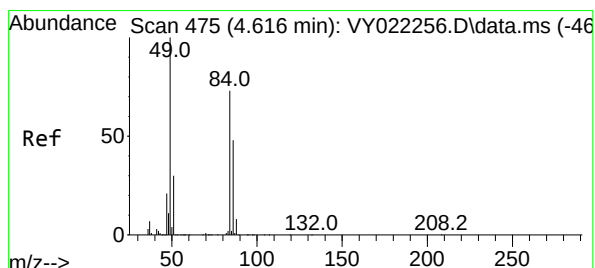
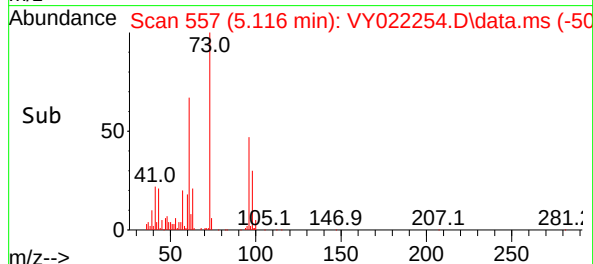
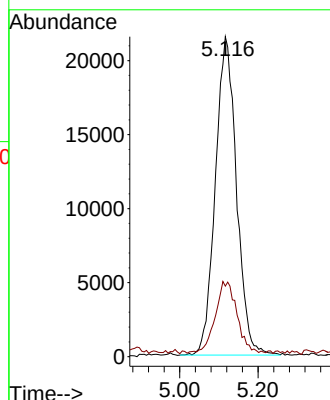
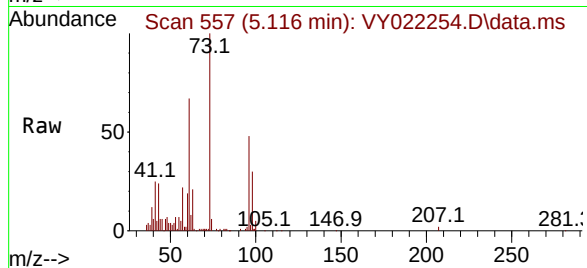
73 100

57 21.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#20

Methylene Chloride

Concen: 12.250 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 84 Resp: 42991

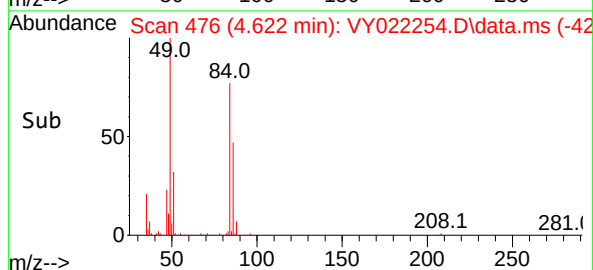
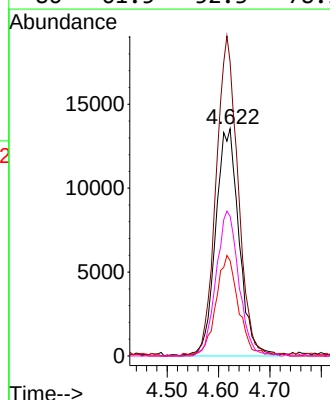
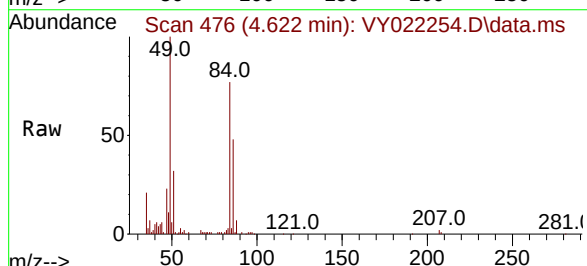
Ion Ratio Lower Upper

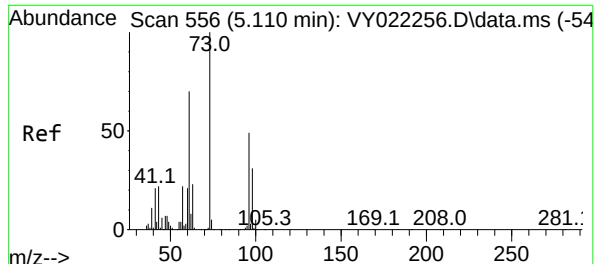
84 100

49 129.4 109.6 164.4

51 42.0 32.4 48.6

86 61.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 10.309 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 32258

Ion Ratio Lower Upper

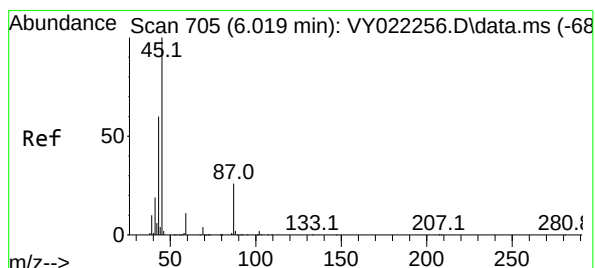
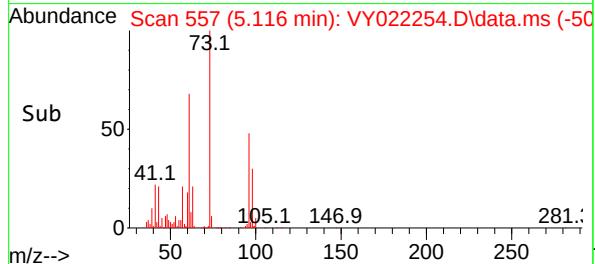
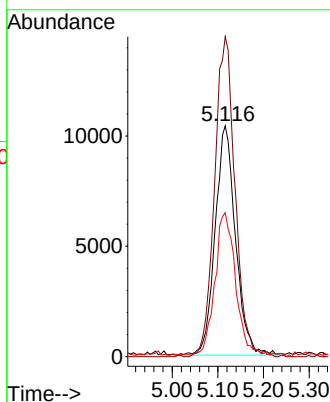
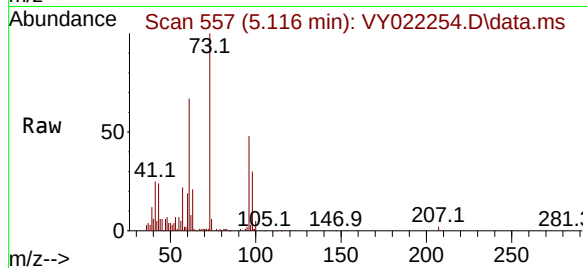
96 100

61 139.6 113.4 170.0

98 62.0 50.9 76.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#22

Diisopropyl ether

Concen: 10.145 ug/l

RT: 6.018 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 45 Resp: 106493

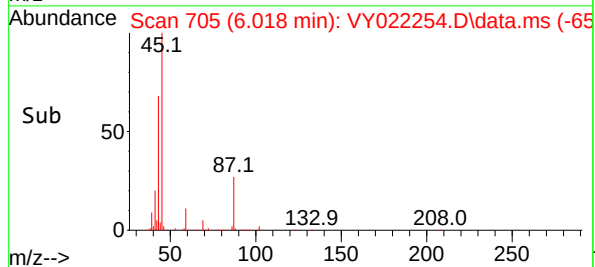
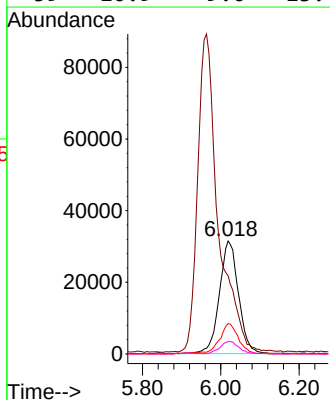
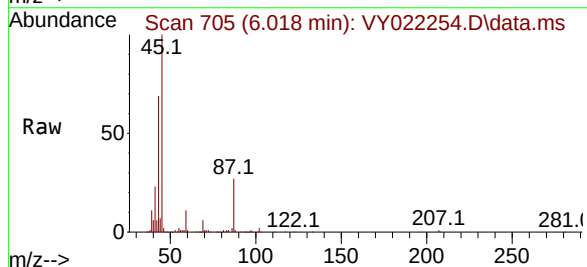
Ion Ratio Lower Upper

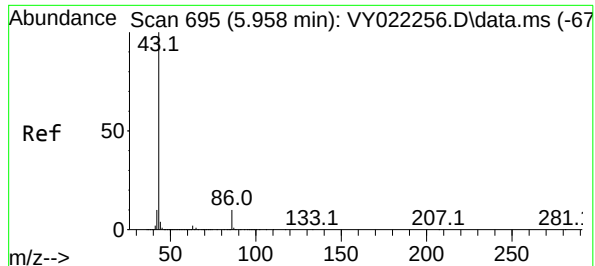
45 100

43 67.7 48.2 72.2

87 26.8 21.4 32.0

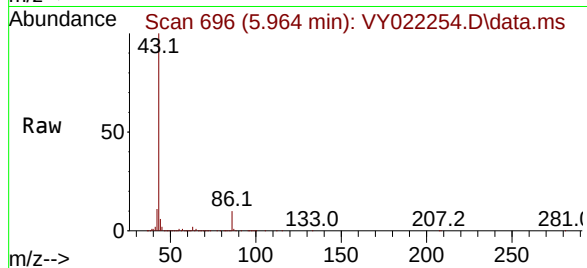
59 10.9 9.0 13.4





#23
Vinyl Acetate
Concen: 51.192 ug/l
RT: 5.964 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

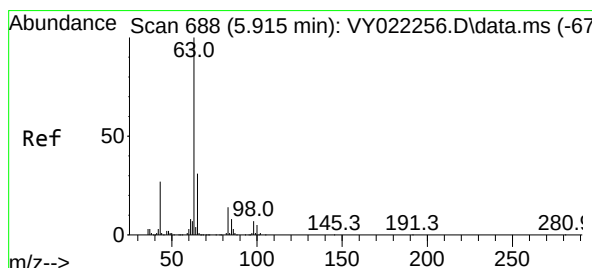
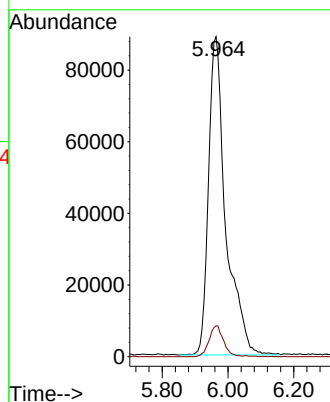
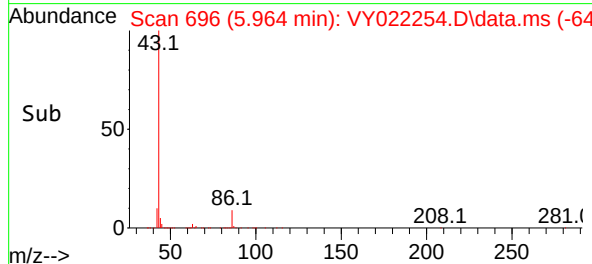
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



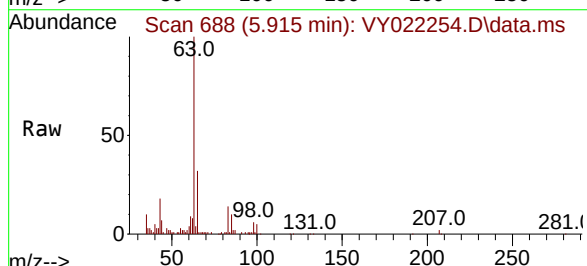
Tgt Ion: 43 Resp: 32465
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.8

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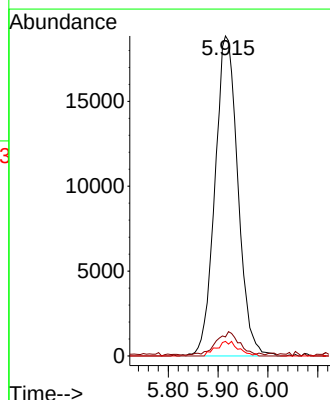
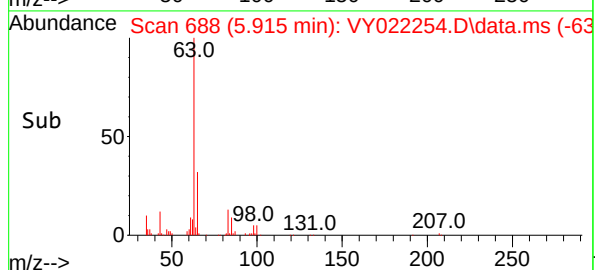
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

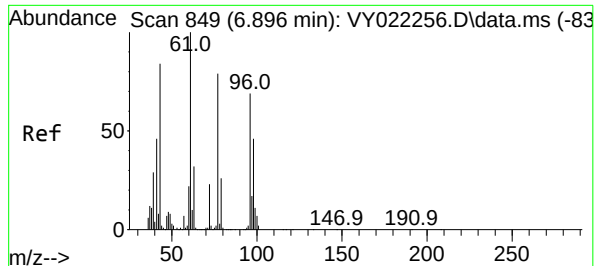


#24
1,1-Dichloroethane
Concen: 10.265 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 63 Resp: 60198
Ion Ratio Lower Upper
63 100
98 5.6 3.5 10.5
100 4.6 2.4 7.2





#25

2-Butanone

Concen: 52.859 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 4802

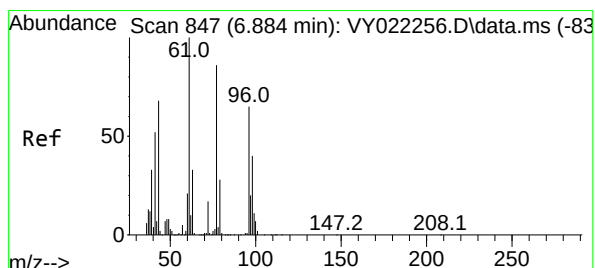
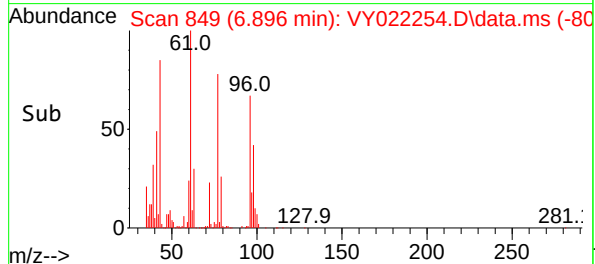
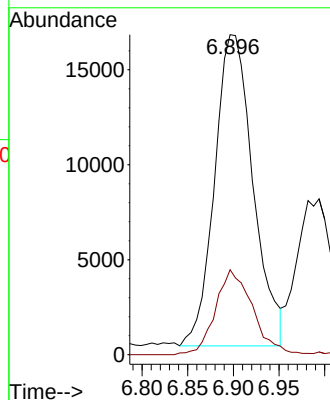
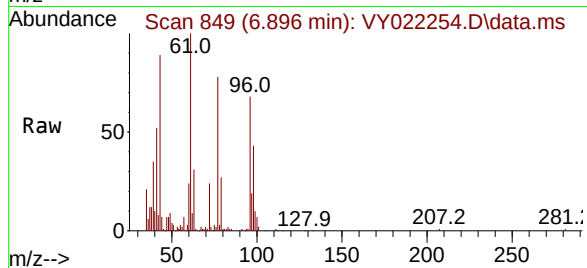
Ion Ratio Lower Upper

43 100

72 26.7 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#26

2,2-Dichloropropane

Concen: 10.403 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022254.D

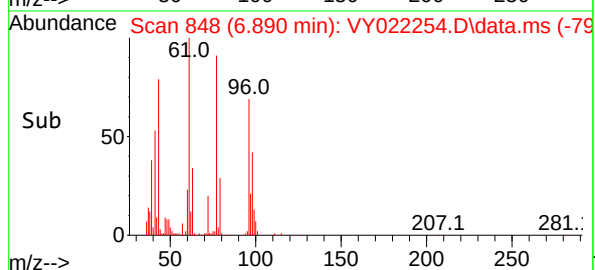
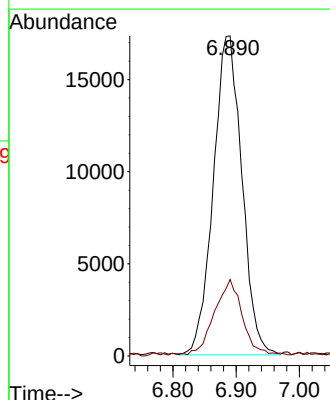
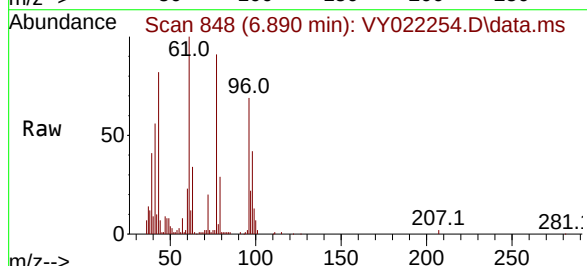
Acq: 15 May 2025 10:16

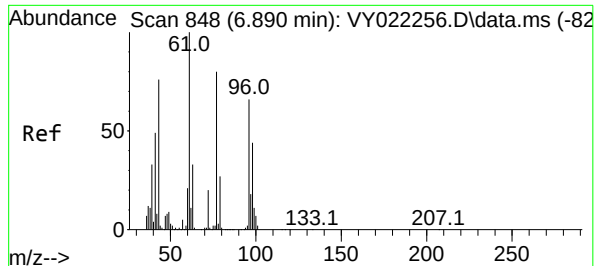
Tgt Ion: 77 Resp: 54264

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 10.081 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 96 Resp: 3640

Ion Ratio Lower Upper

96 100

61 152.8 0.0 302.6

98 67.2 0.0 128.8

Instrument :

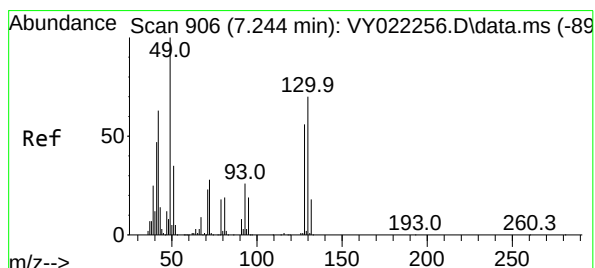
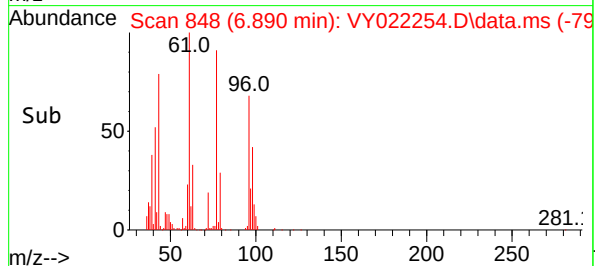
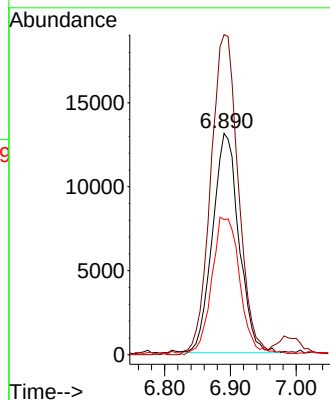
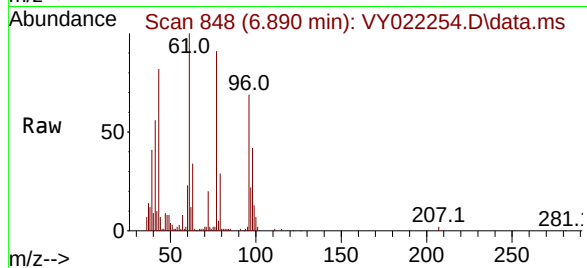
MSVOA_Y

ClientSampleId :

VSTDIC010

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#28

Bromochloromethane

Concen: 10.259 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

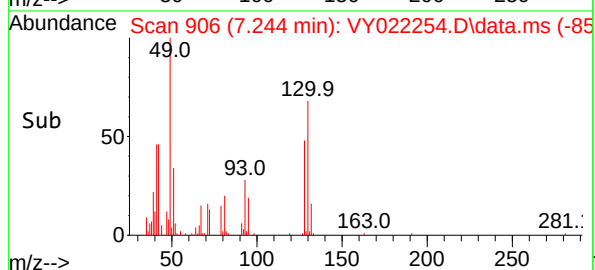
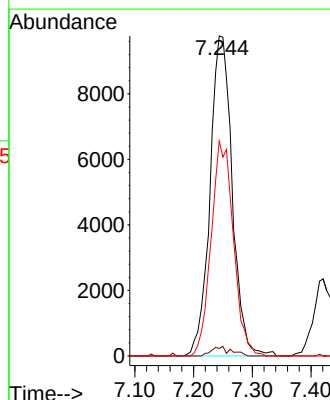
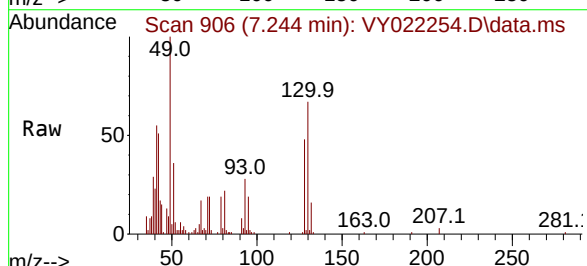
Tgt Ion: 49 Resp: 25664

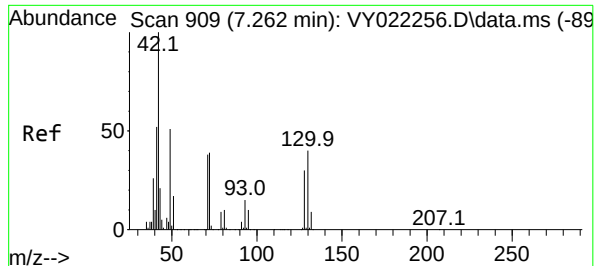
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.6

130 67.2 54.7 82.1





#29

Tetrahydrofuran

Concen: 52.498 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

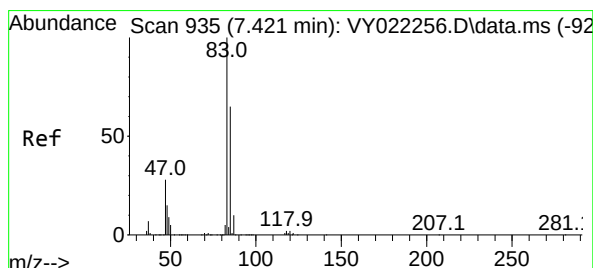
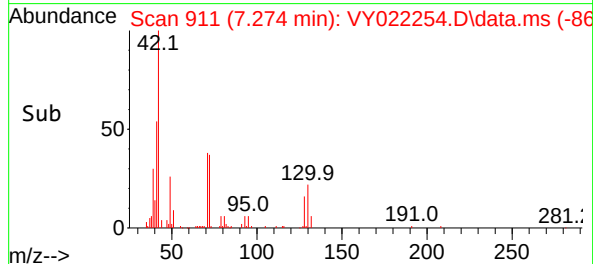
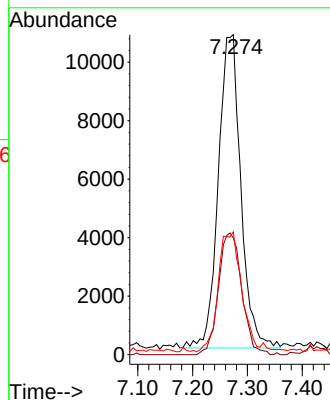
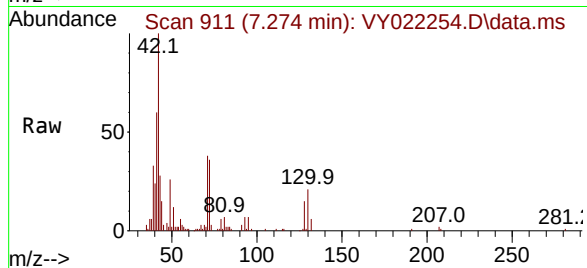
VSTDIC010

Tgt Ion:	42	Resp:	30684
Ion	Ratio	Lower	Upper
42	100		
72	39.9	33.8	50.6
71	39.0	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 10.163 ug/l

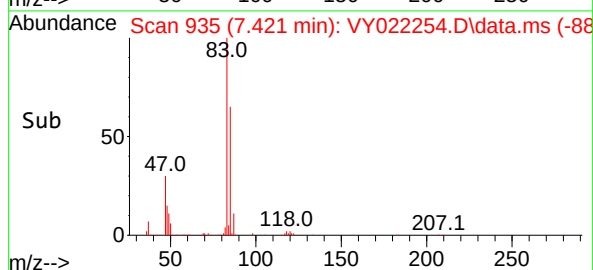
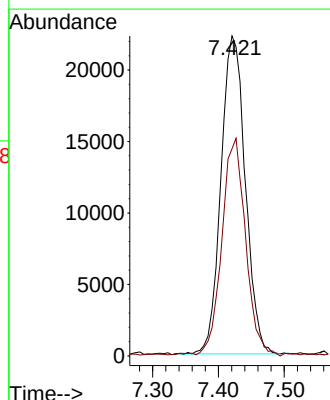
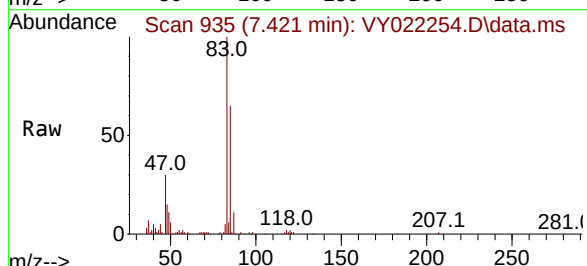
RT: 7.421 min Scan# 935

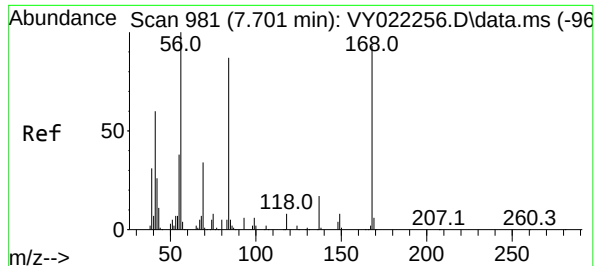
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:	83	Resp:	57172
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8





#31

Cyclohexane

Concen: 10.778 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 6315

Ion Ratio Lower Upper

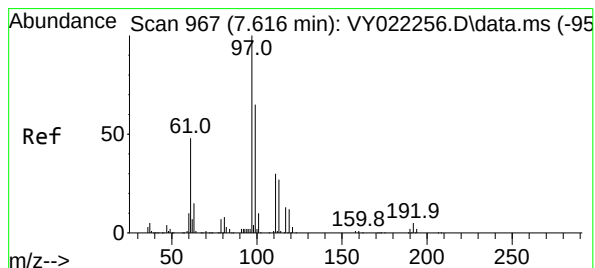
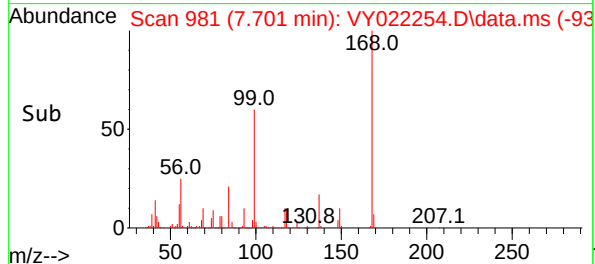
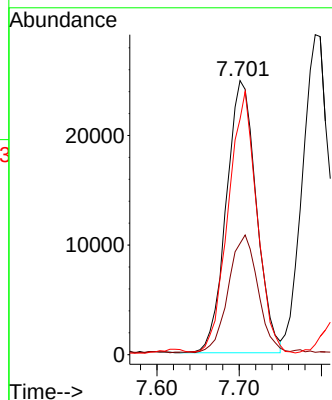
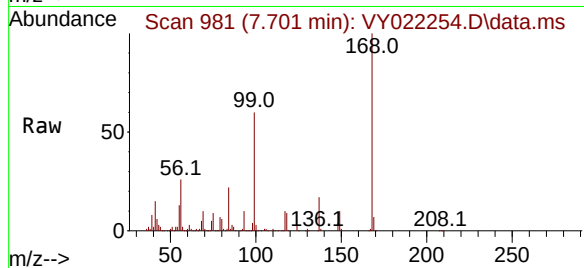
56 100

69 39.9 27.4 41.2

84 84.7 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#32

1,1,1-Trichloroethane

Concen: 10.242 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

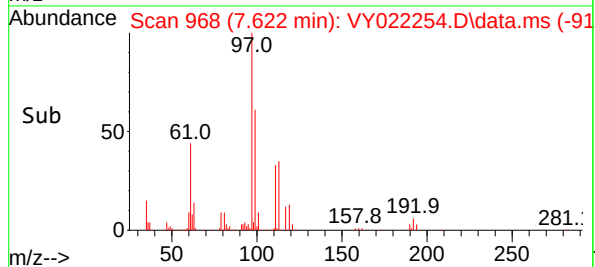
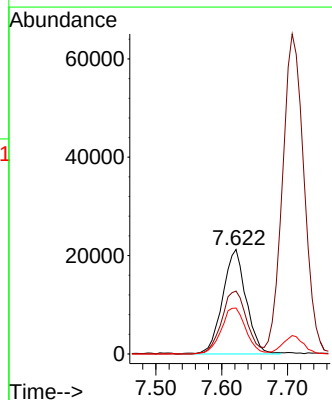
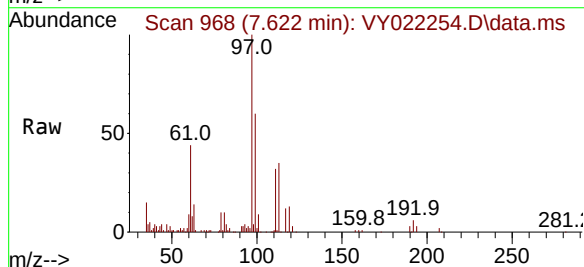
Tgt Ion: 97 Resp: 52856

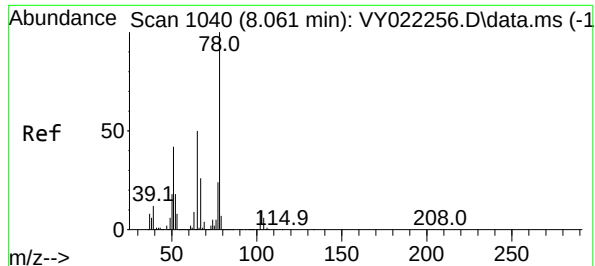
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 46.0 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 10.222 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 29608

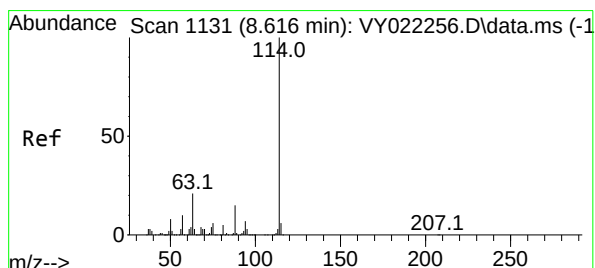
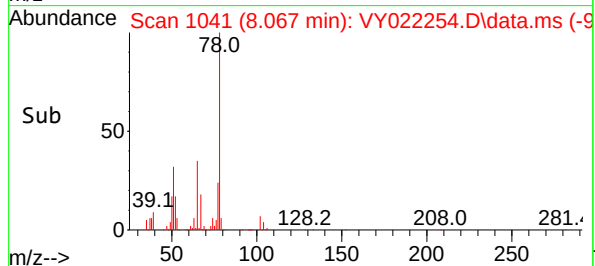
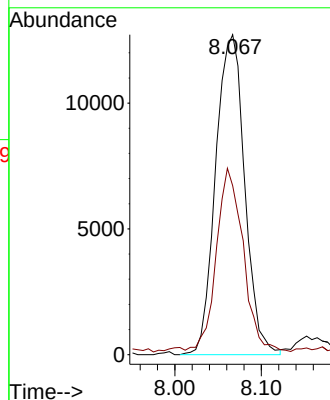
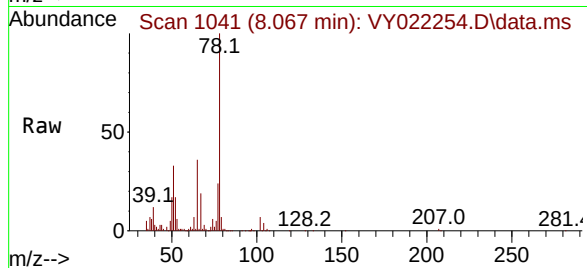
Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

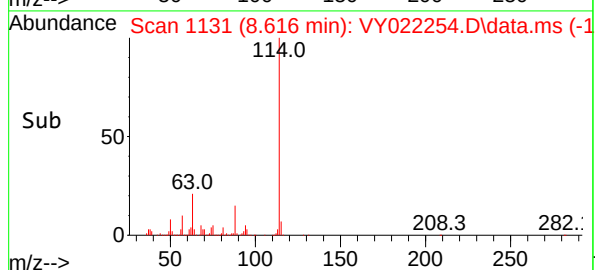
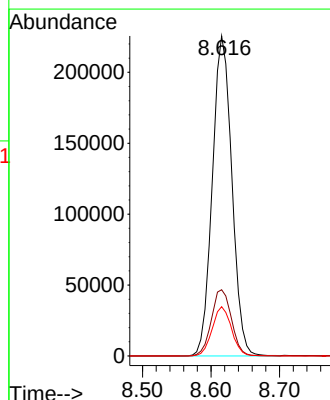
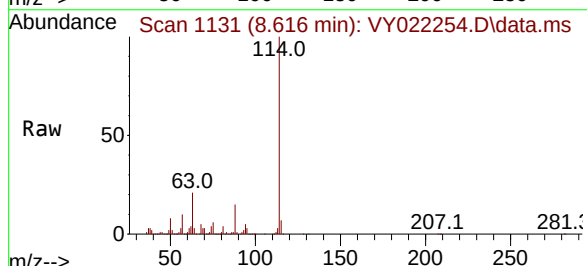
Tgt Ion:114 Resp: 446109

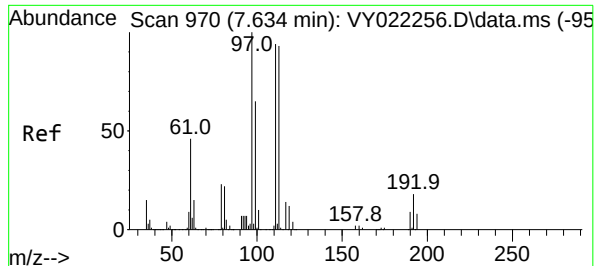
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

88 15.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 9.856 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

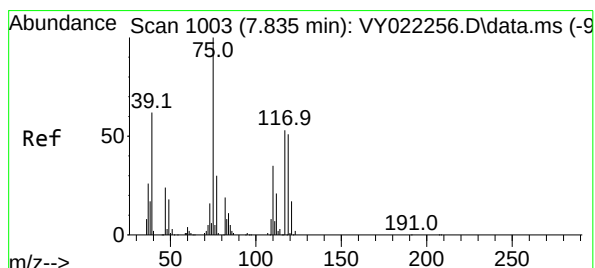
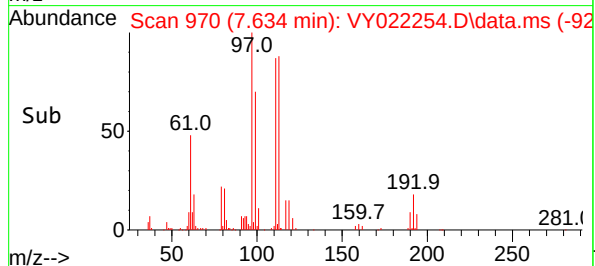
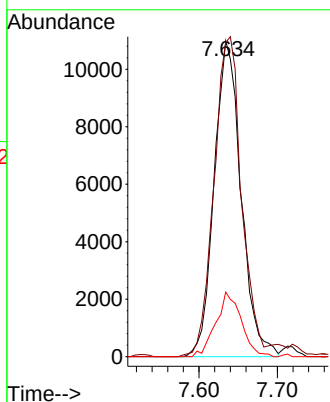
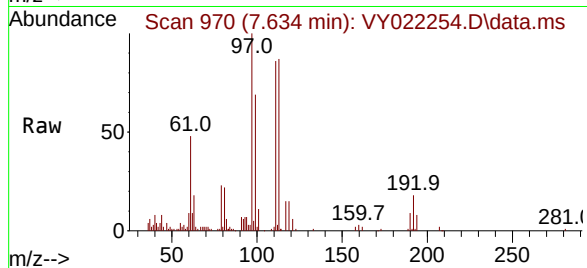
VSTDICC010

Tgt Ion:	113	Resp:	2624
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	19.3	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 10.219 ug/l

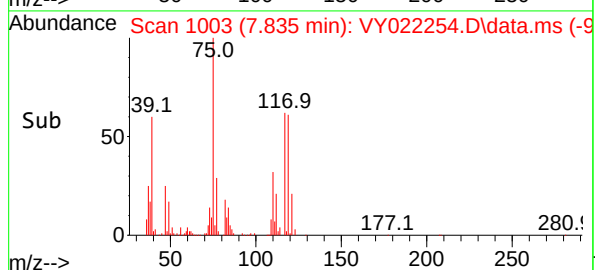
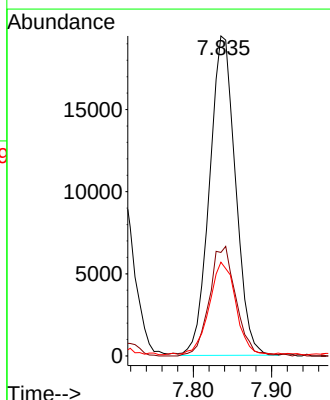
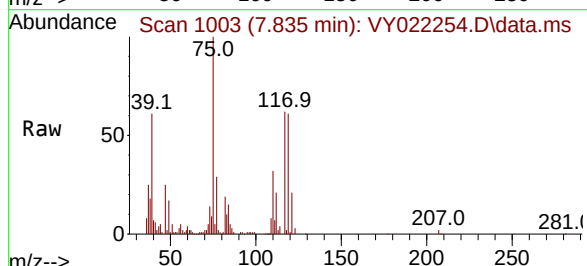
RT: 7.835 min Scan# 1003

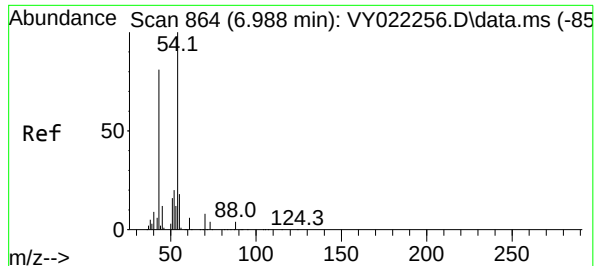
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:	75	Resp:	44817
Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.6	49.8
77	29.8	24.6	37.0





#37

Ethyl Acetate

Concen: 9.774 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

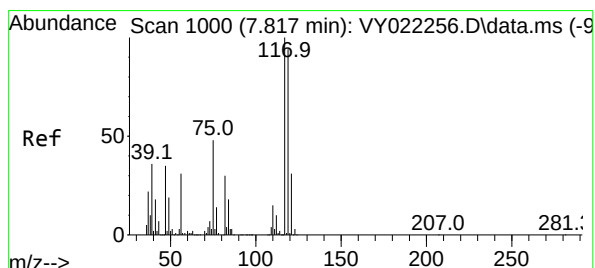
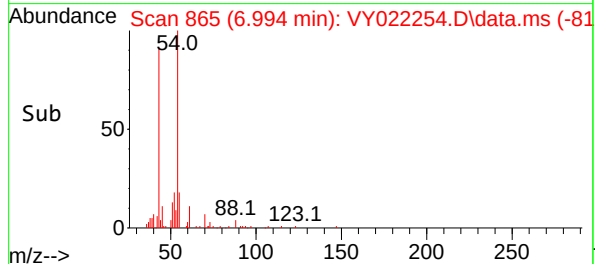
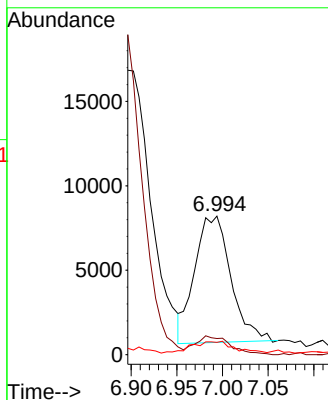
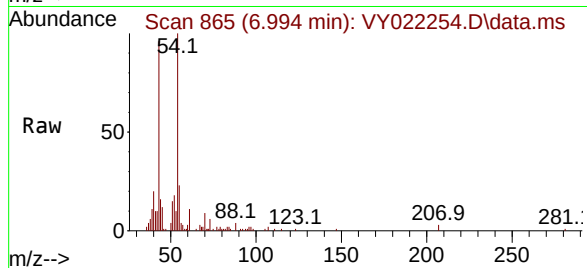
VSTDIC010

Tgt Ion:	43	Resp:	20624
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.2
70	10.6	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 10.303 ug/l

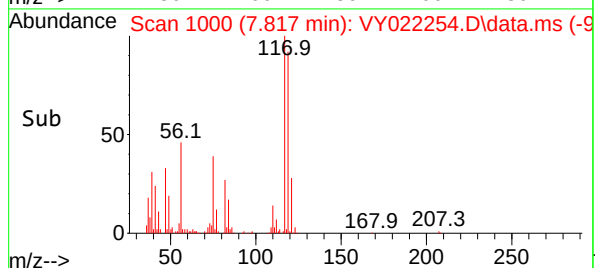
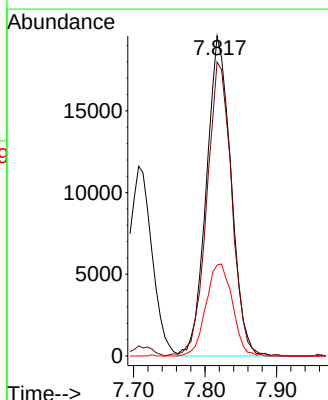
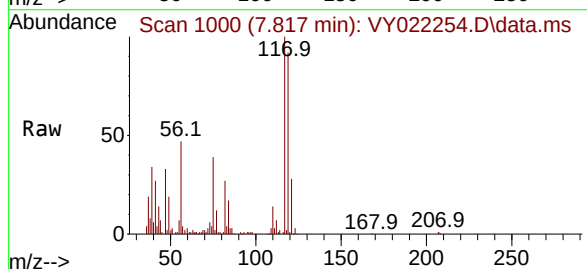
RT: 7.817 min Scan# 1000

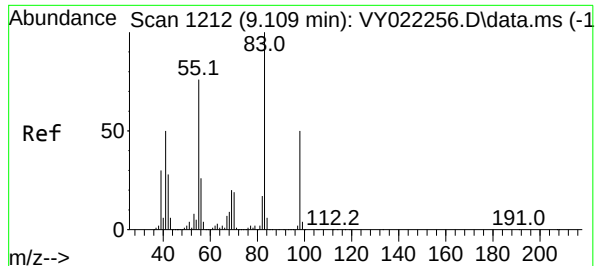
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:	117	Resp:	46772
Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.3	112.9
121	28.4	24.7	37.1





#39

Methylcyclohexane

Concen: 10.266 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 60489

Ion Ratio Lower Upper

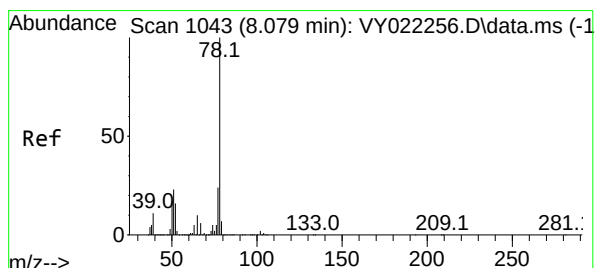
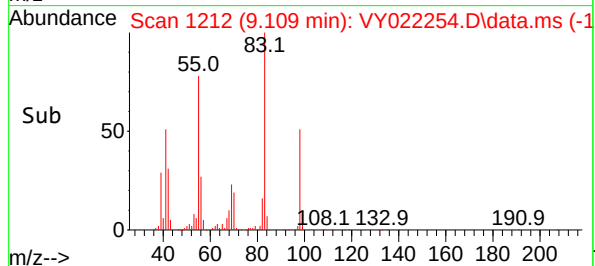
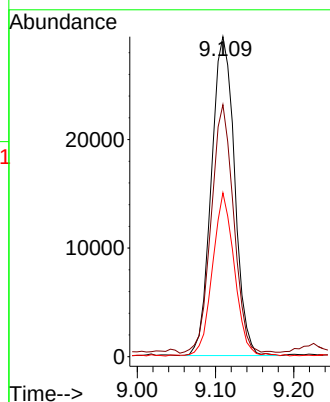
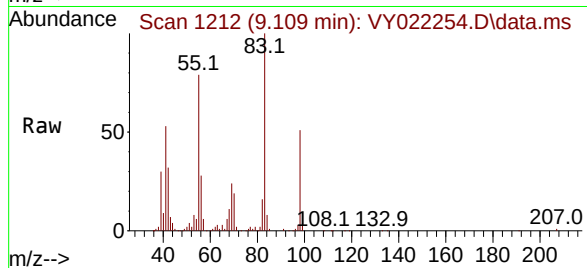
83 100

55 77.9 60.6 90.8

98 51.1 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#40

Benzene

Concen: 10.032 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022254.D

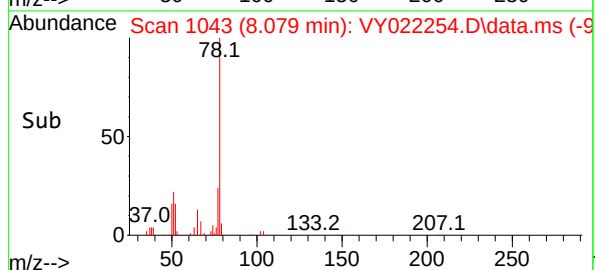
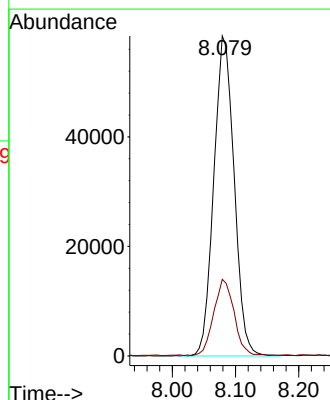
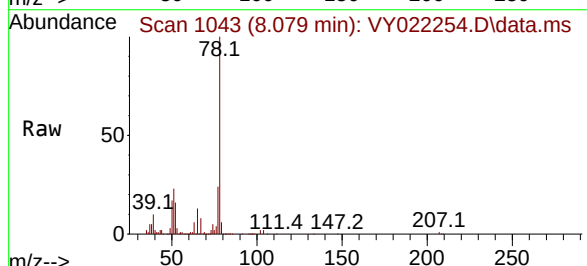
Acq: 15 May 2025 10:16

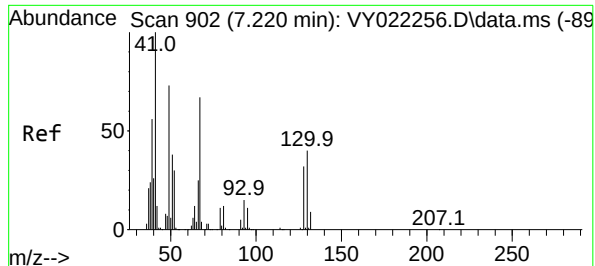
Tgt Ion: 78 Resp: 130423

Ion Ratio Lower Upper

78 100

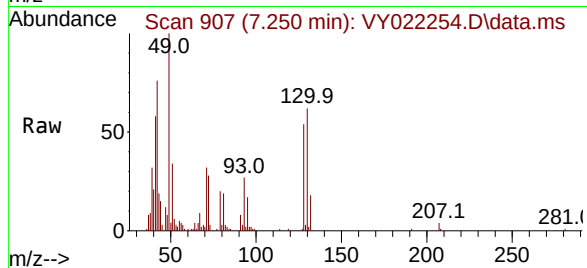
77 23.7 18.9 28.3





#41
Methacrylonitrile
Concen: 10.510 ug/l m
RT: 7.250 min Scan# 902
Delta R.T. 0.030 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

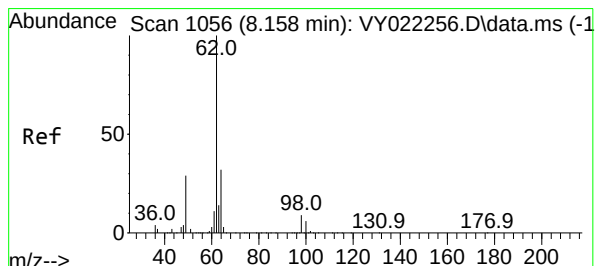
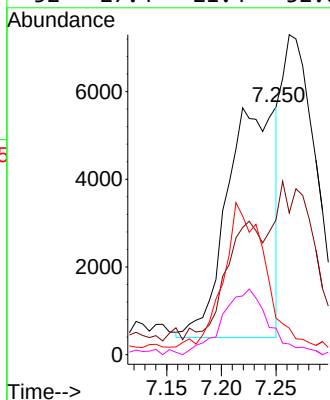
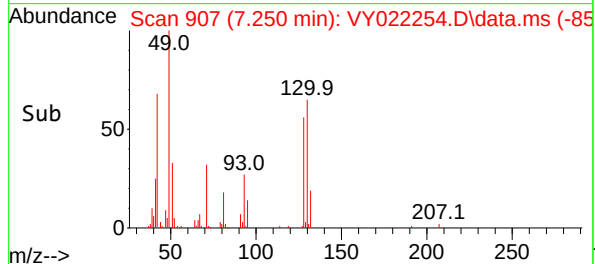
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 16228
Ion Ratio Lower Upper
41 100
39 38.5 39.1 58.7
67 54.4 47.1 70.7
52 27.4 21.4 32.0

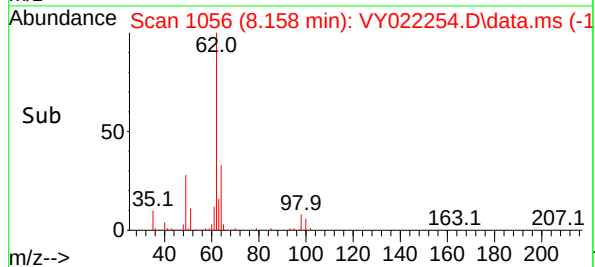
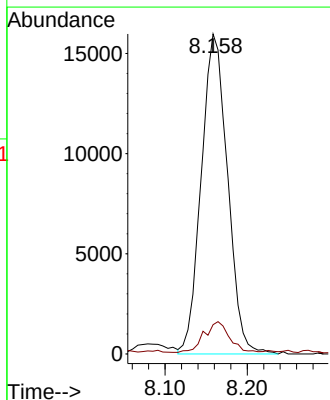
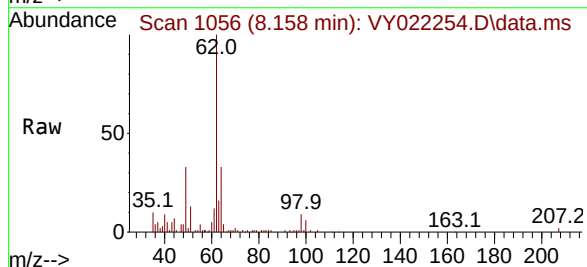
Manual Integrations
APPROVED

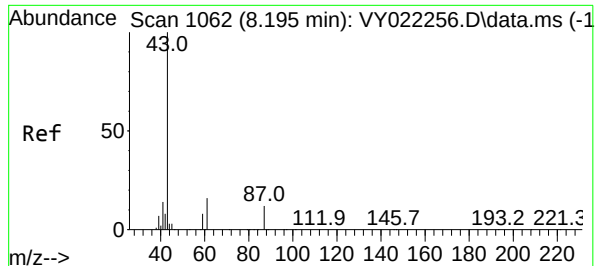
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 10.115 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 62 Resp: 35565
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 10.217 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 47020

Ion Ratio Lower Upper

43 100

61 19.6 15.1 22.7

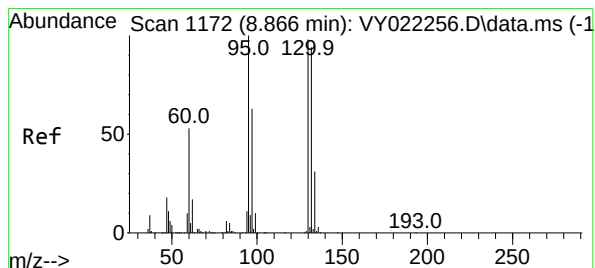
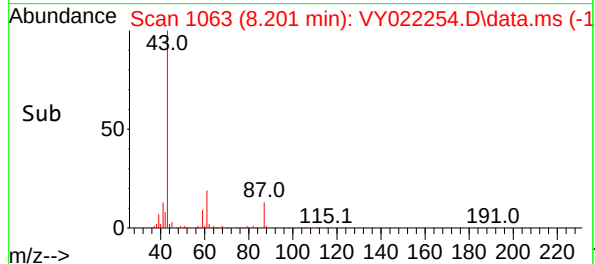
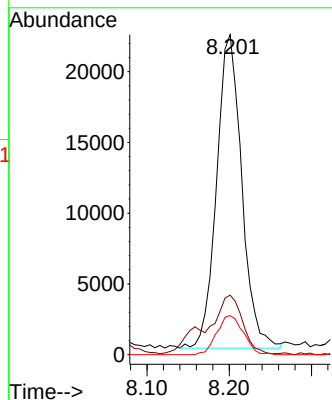
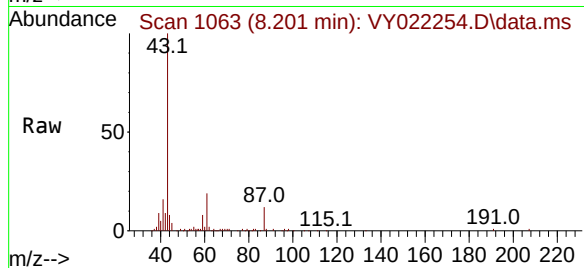
87 13.1 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#44

Trichloroethene

Concen: 10.101 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022254.D

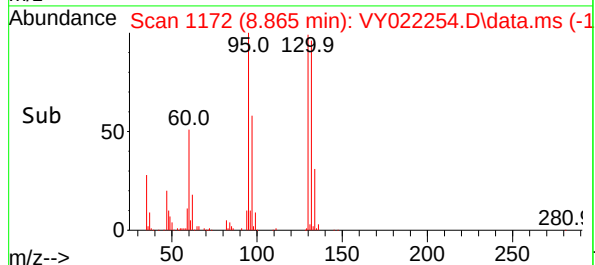
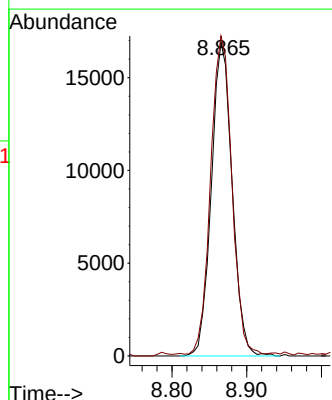
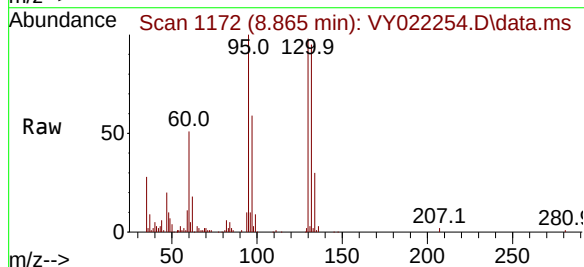
Acq: 15 May 2025 10:16

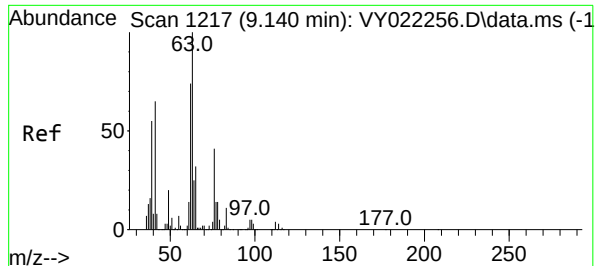
Tgt Ion:130 Resp: 32655

Ion Ratio Lower Upper

130 100

95 101.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 10.264 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 3217

Ion Ratio Lower Upper

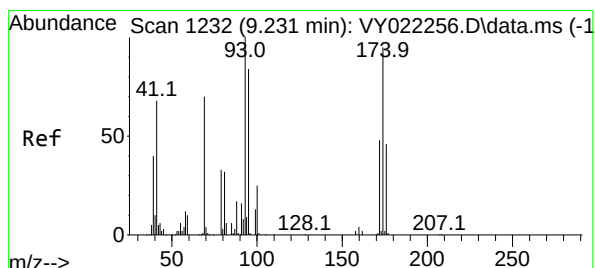
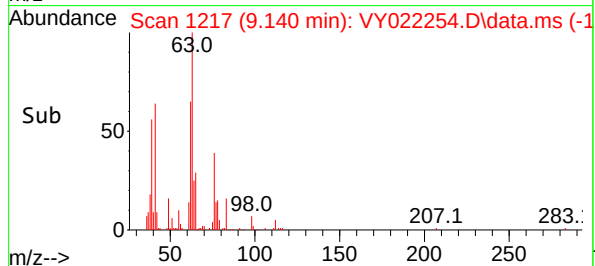
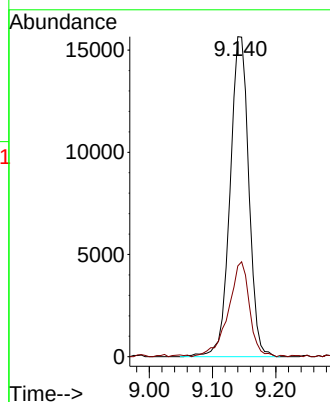
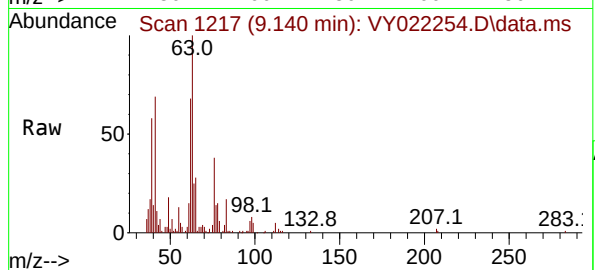
63 100

65 28.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 10.135 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

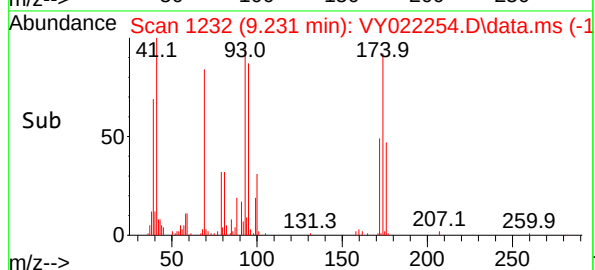
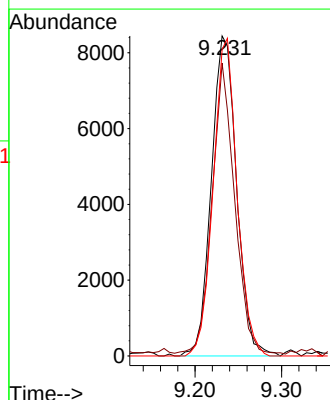
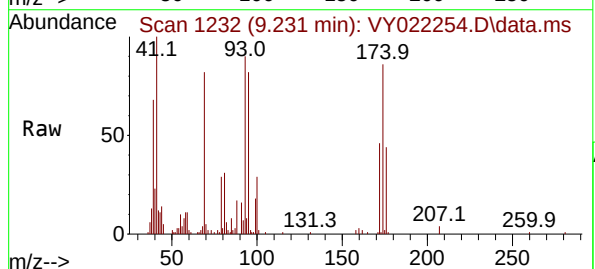
Tgt Ion: 93 Resp: 17134

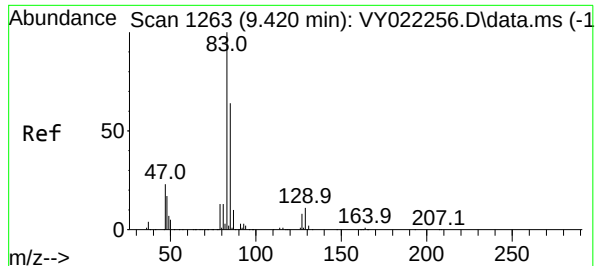
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

174 93.7 74.3 111.5





#47

Bromodichloromethane

Concen: 10.042 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

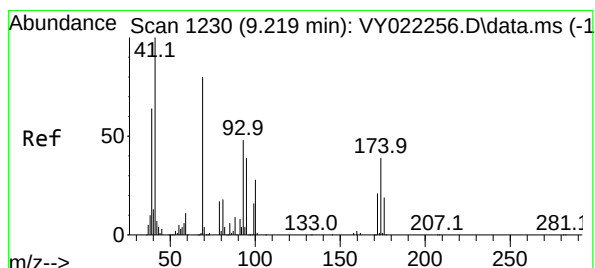
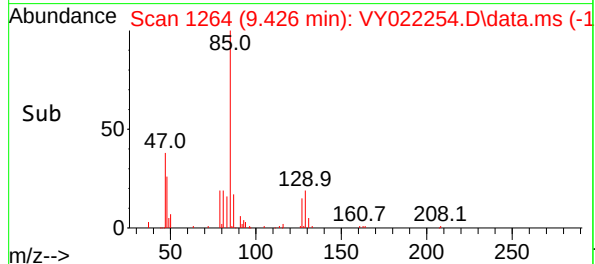
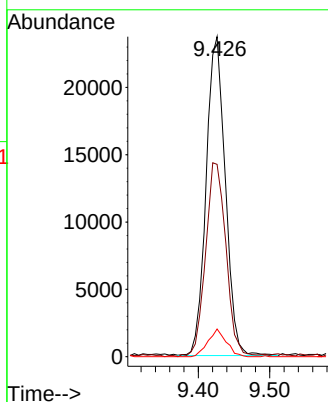
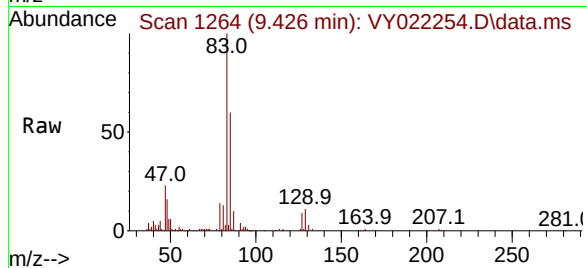
VSTDIC010

Tgt Ion:	83	Resp:	4404
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.1	76.7
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48

Methyl methacrylate

Concen: 9.851 ug/l

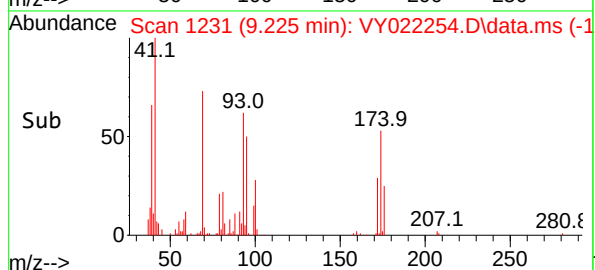
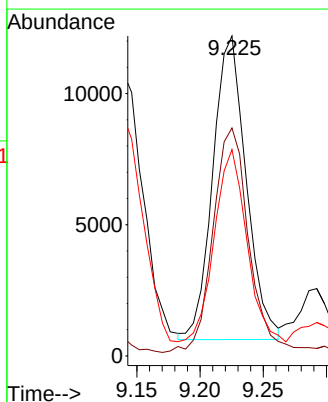
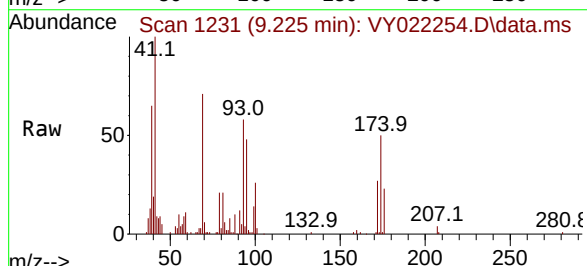
RT: 9.225 min Scan# 1231

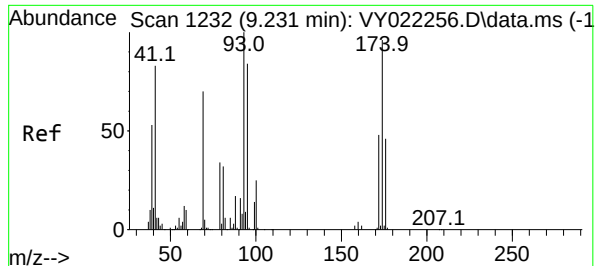
Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:	41	Resp:	21202
Ion	Ratio	Lower	Upper
41	100		
69	80.5	63.5	95.3
39	62.0	50.8	76.2





#49

1,4-Dioxane

Concen: 205.769 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 3930

Ion Ratio Lower Upper

88 100

43 0.0 28.5 42.7

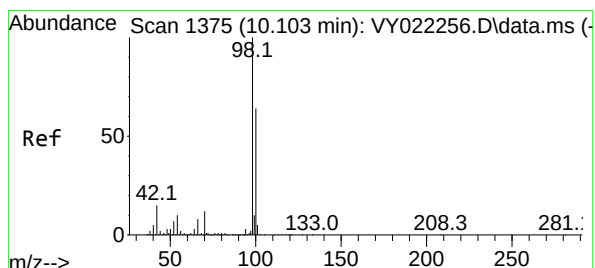
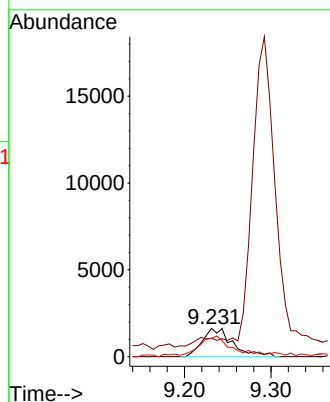
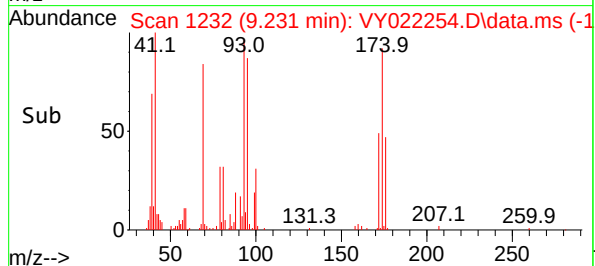
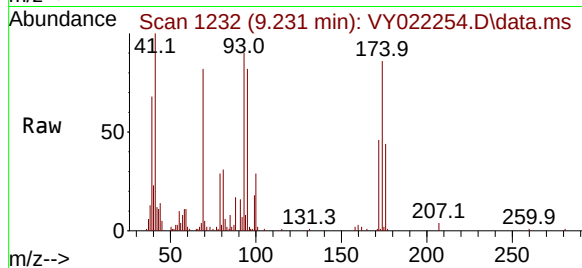
58 84.5 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 9.816 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022254.D

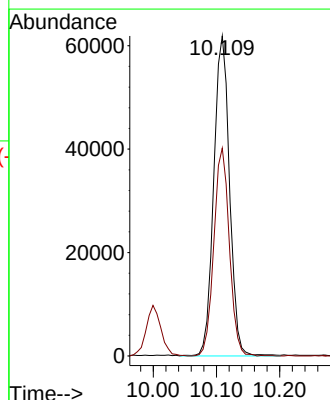
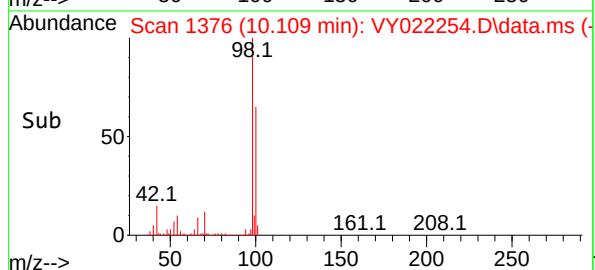
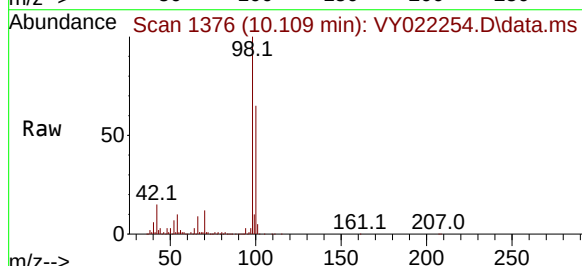
Acq: 15 May 2025 10:16

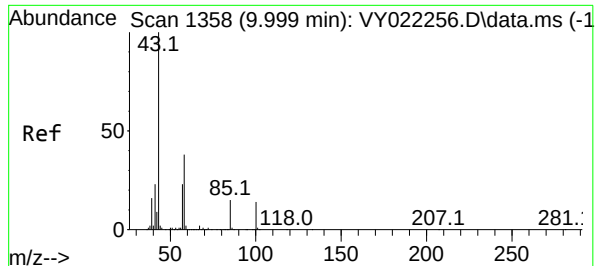
Tgt Ion: 98 Resp: 107048

Ion Ratio Lower Upper

98 100

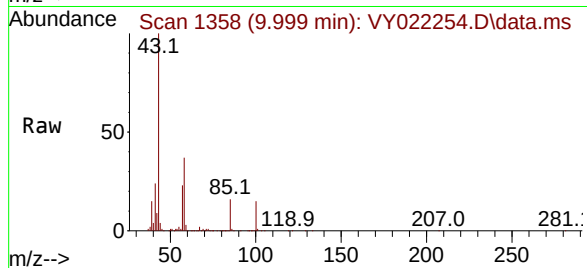
100 63.7 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 48.889 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

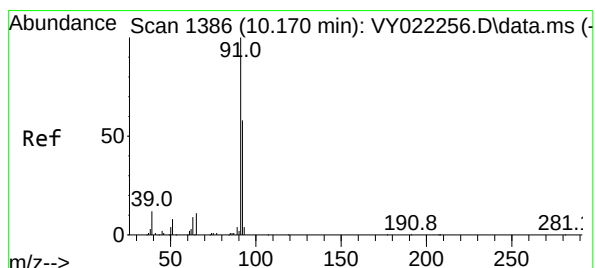
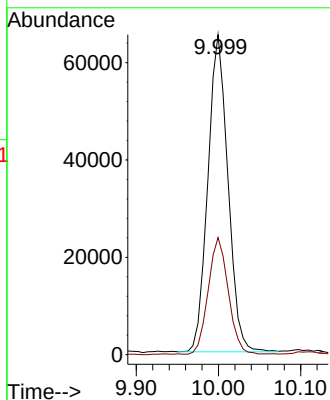
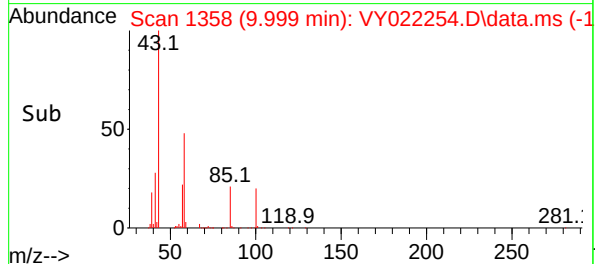
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 110390
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2

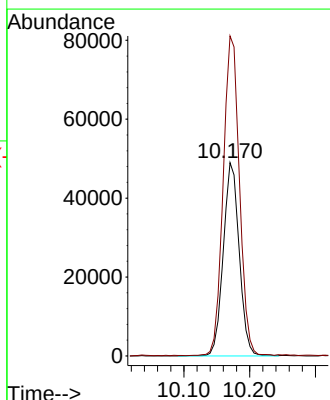
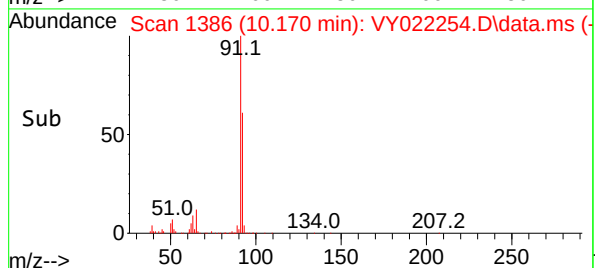
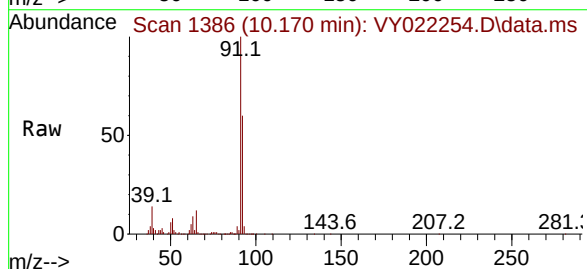
Manual Integrations
APPROVED

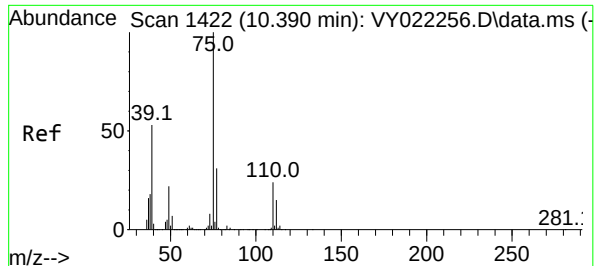
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 10.015 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

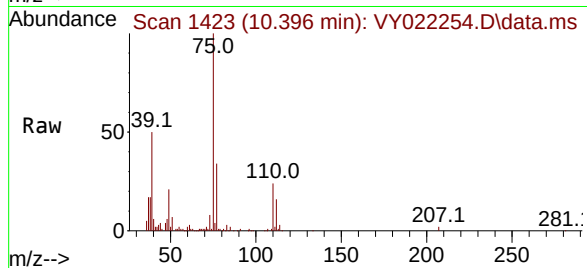
Tgt Ion: 92 Resp: 82453
Ion Ratio Lower Upper
92 100
91 168.8 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 9.849 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

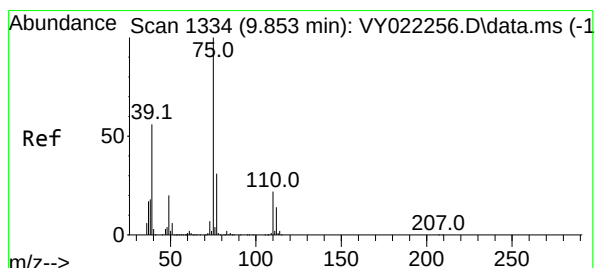
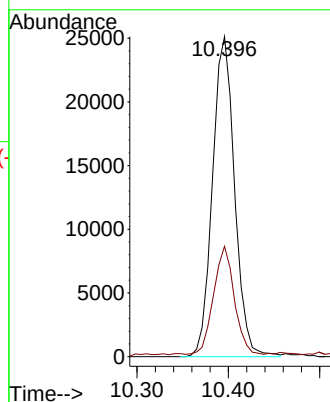
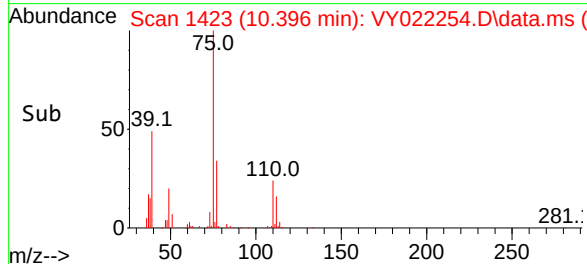
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 42158
Ion Ratio Lower Upper
75 100
77 33.5 25.0 37.6

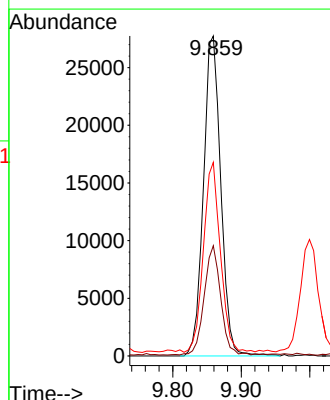
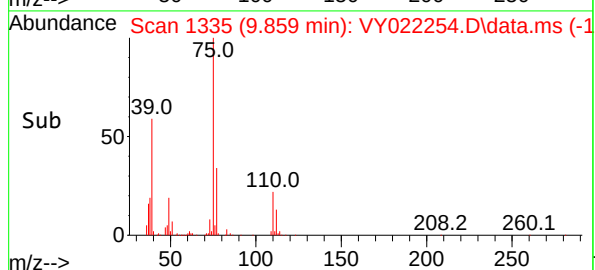
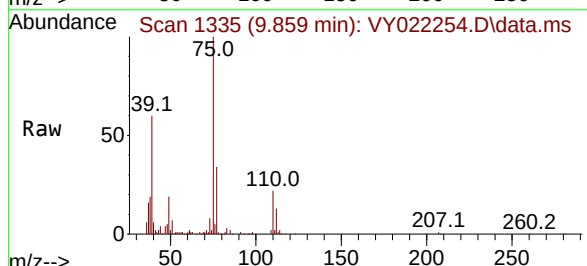
Manual Integrations
APPROVED

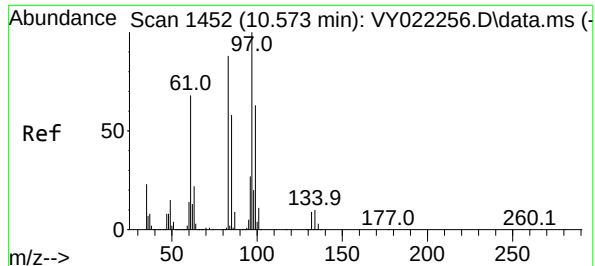
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 9.976 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

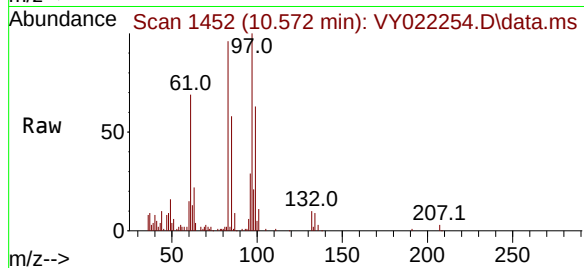
Tgt Ion: 75 Resp: 48923
Ion Ratio Lower Upper
75 100
77 34.1 25.1 37.7
39 58.7 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 10.033 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

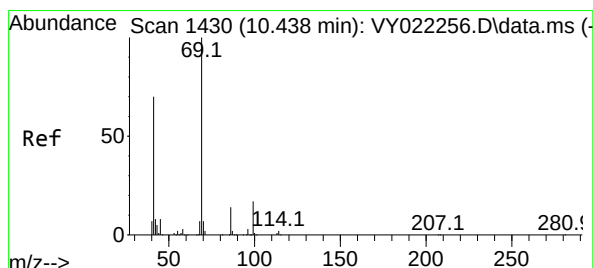
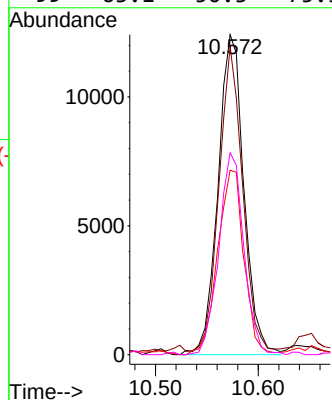
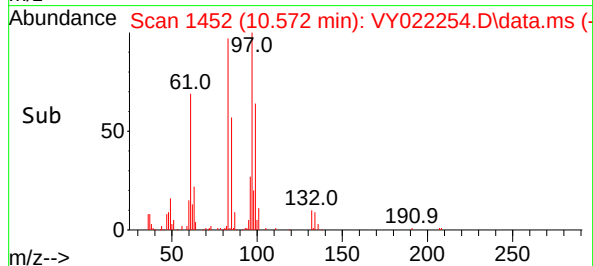
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 97 Resp: 21720
Ion Ratio Lower Upper
97 100
83 94.5 70.3 105.5
85 57.6 46.2 69.4
99 63.1 50.3 75.5

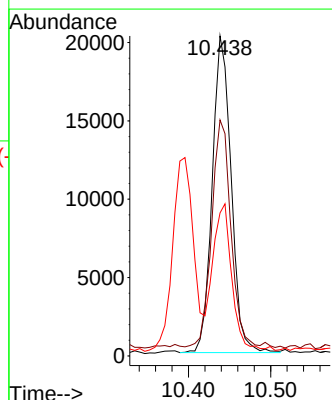
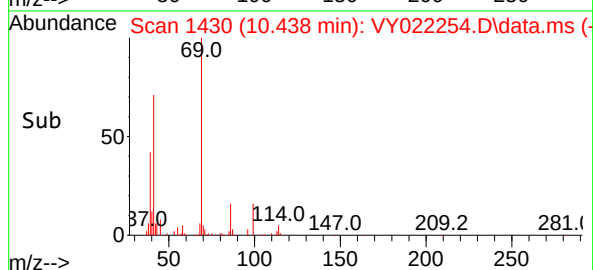
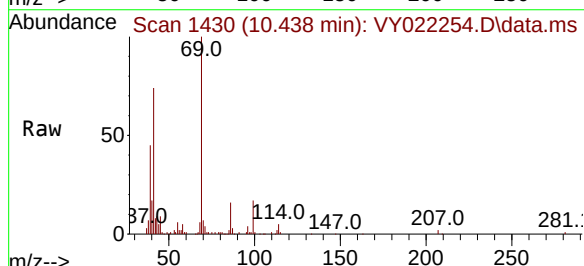
Manual Integrations
APPROVED

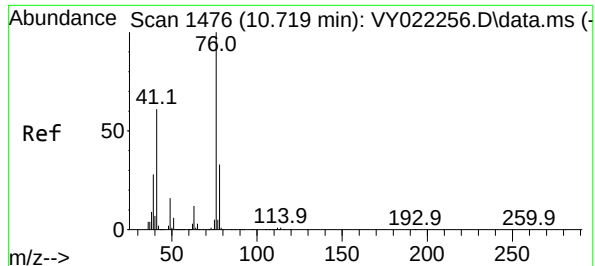
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#56
Ethyl methacrylate
Concen: 9.574 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 69 Resp: 32286
Ion Ratio Lower Upper
69 100
41 72.5 56.5 84.7
39 45.6 37.1 55.7





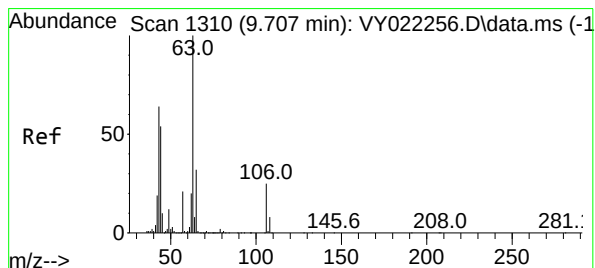
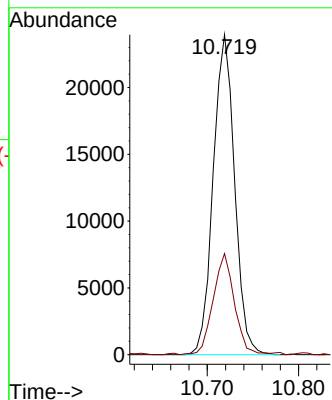
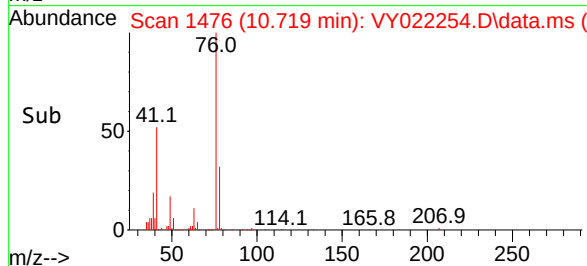
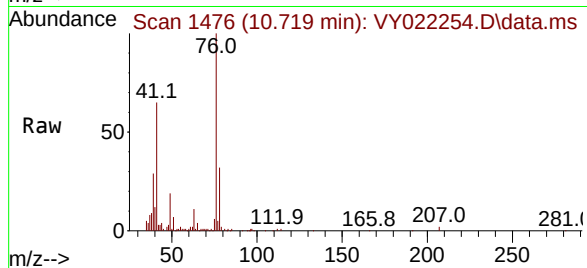
#57
1,3-Dichloropropane
Concen: 10.115 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 38908
Ion Ratio Lower Upper
76 100
78 31.3 25.8 38.8

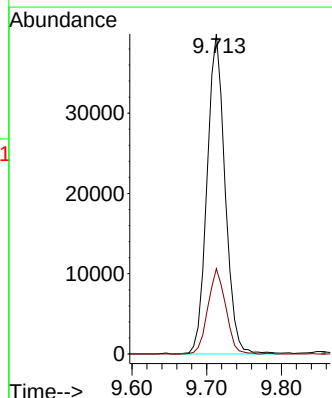
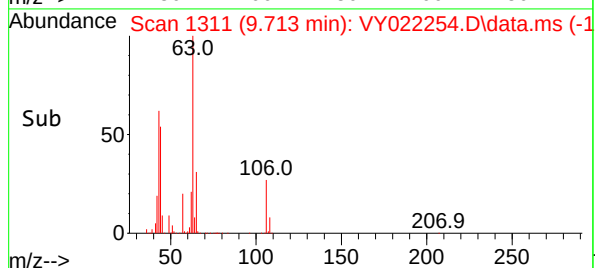
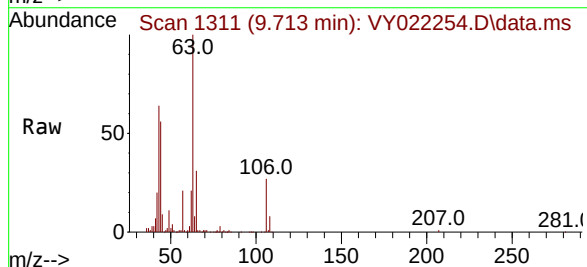
Manual Integrations
APPROVED

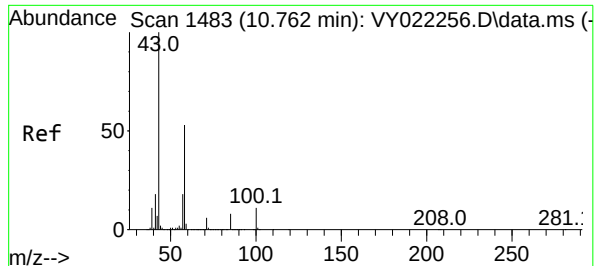
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 44.066 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

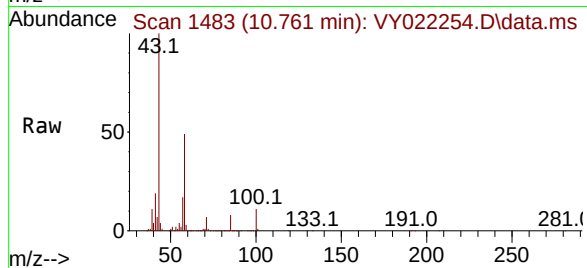
Tgt Ion: 63 Resp: 66700
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.4





#59
2-Hexanone
Concen: 49.162 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

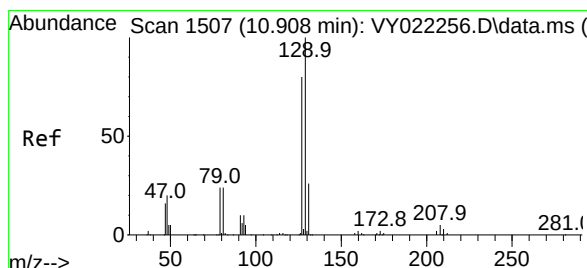
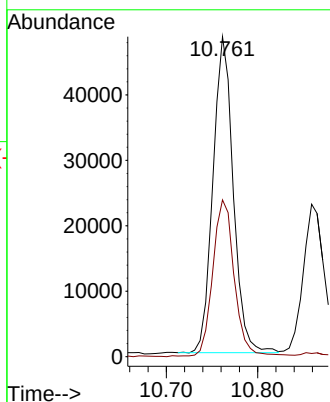
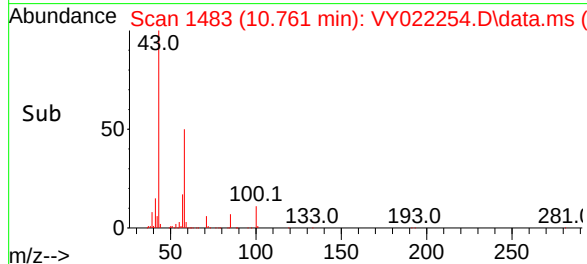
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 74432
Ion Ratio Lower Upper
43 100
58 53.2 26.1 78.3

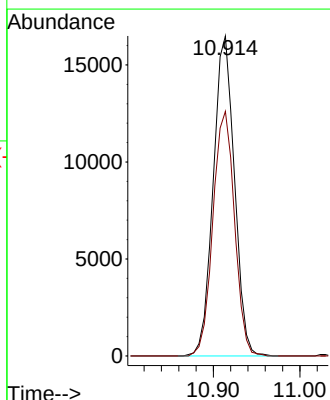
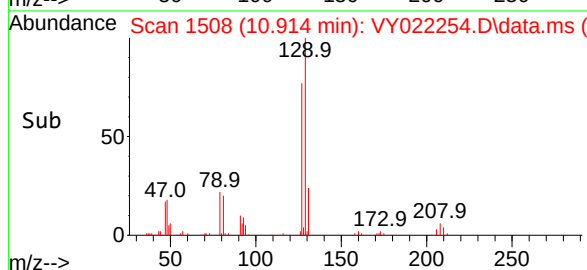
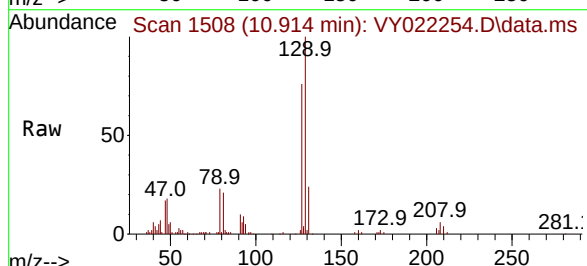
Manual Integrations
APPROVED

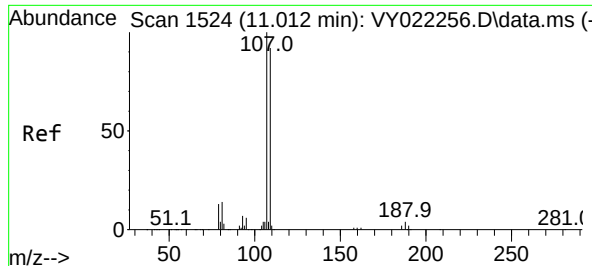
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 9.965 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

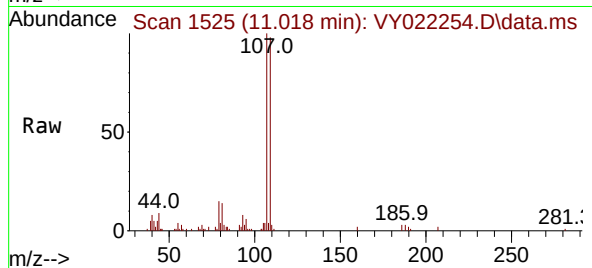
Tgt Ion:129 Resp: 28002
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 10.099 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

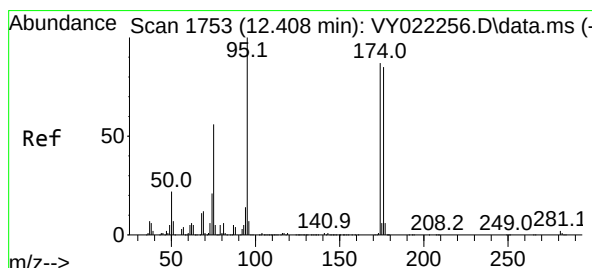
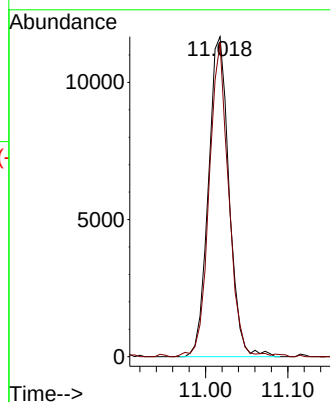
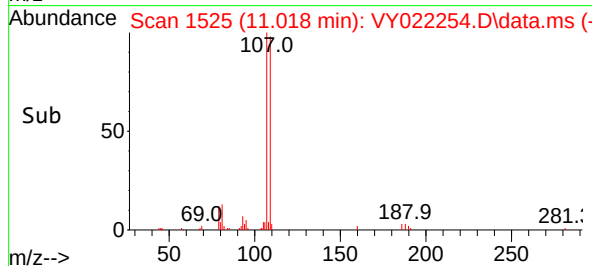
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 20378
Ion Ratio Lower Upper
107 100
109 92.6 74.6 111.8

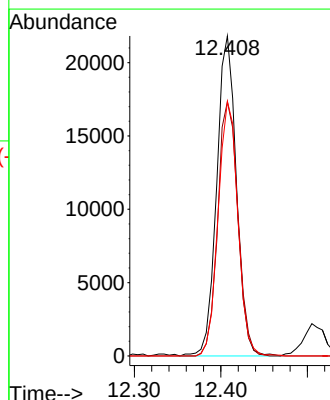
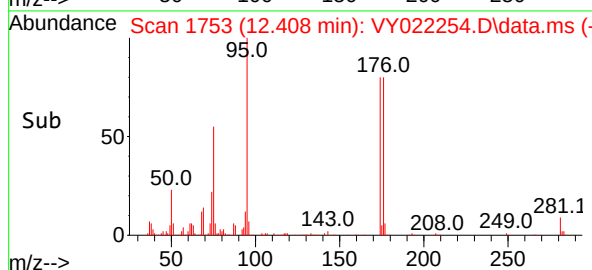
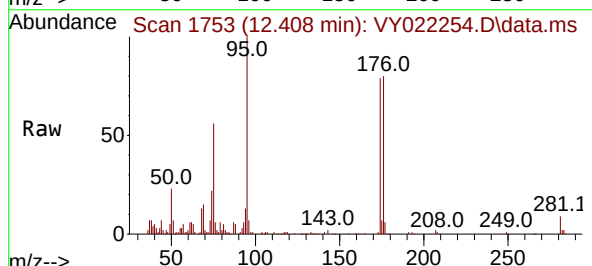
Manual Integrations
APPROVED

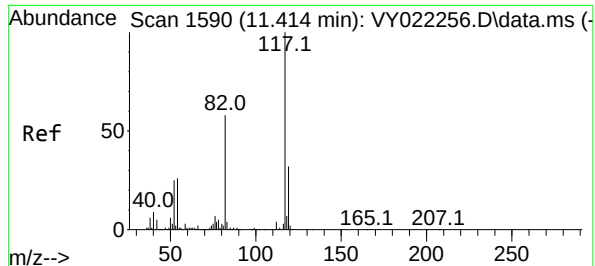
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 9.959 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

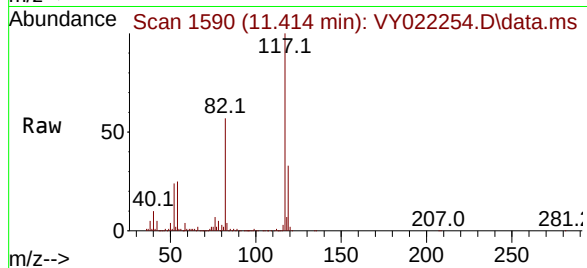
Tgt Ion: 95 Resp: 34423
Ion Ratio Lower Upper
95 100
174 81.3 0.0 166.8
176 79.7 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

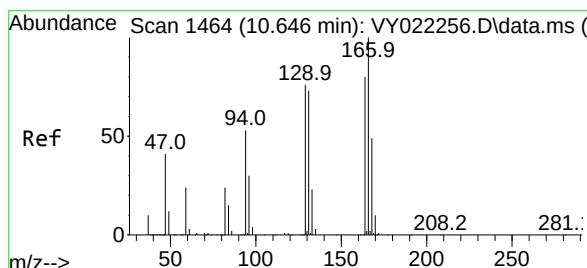
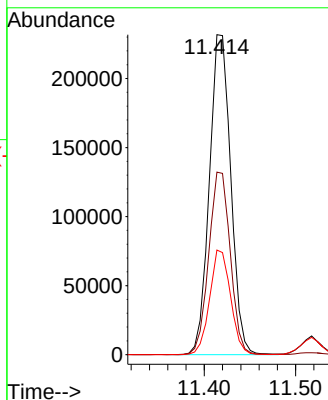
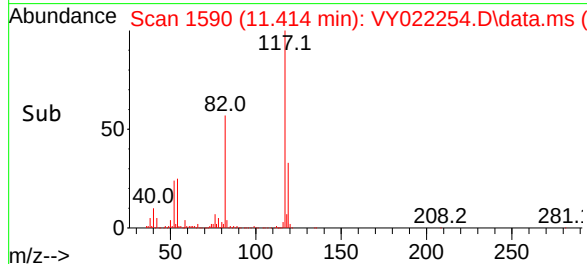
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



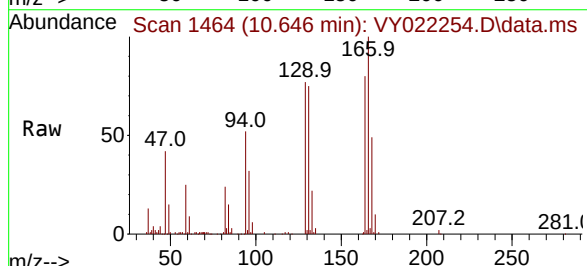
Tgt Ion:117 Resp: 37721
Ion Ratio Lower Upper
117 100
82 57.0 46.6 70.0
119 32.7 25.8 38.6

Manual Integrations
APPROVED

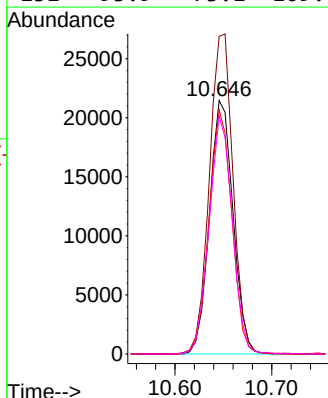
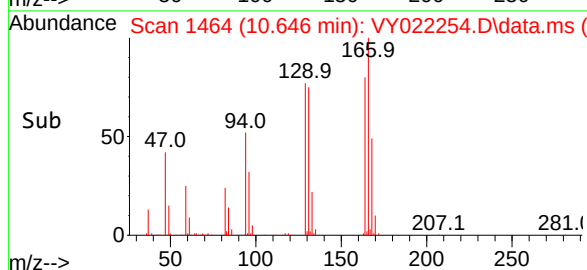
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

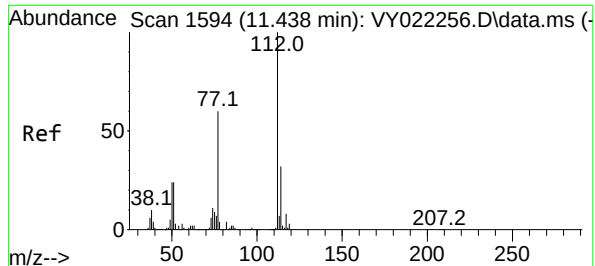


#64
Tetrachloroethene
Concen: 10.404 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion:164 Resp: 36274
Ion Ratio Lower Upper
164 100
166 125.3 100.4 150.6
129 96.3 76.4 114.6
131 93.9 73.1 109.7





#65

Chlorobenzene

Concen: 9.839 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:112 Resp: 83730

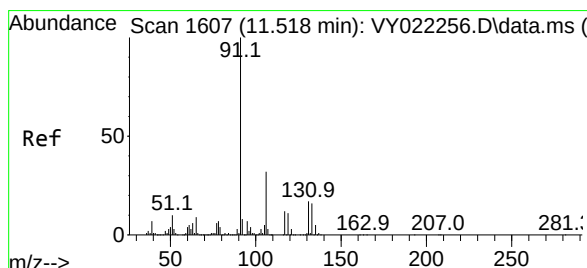
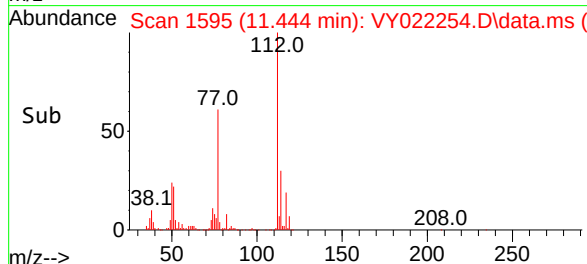
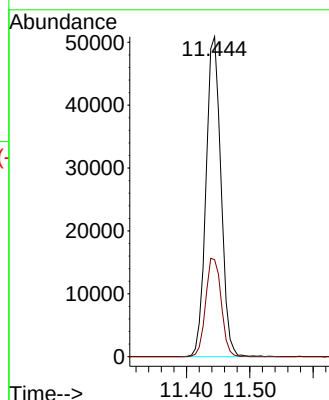
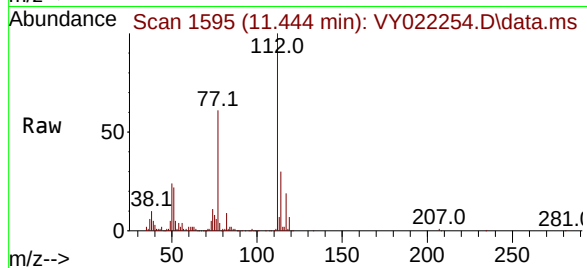
Ion Ratio Lower Upper

112 100

114 30.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#66

1,1,1,2-Tetrachloroethane

Concen: 9.721 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

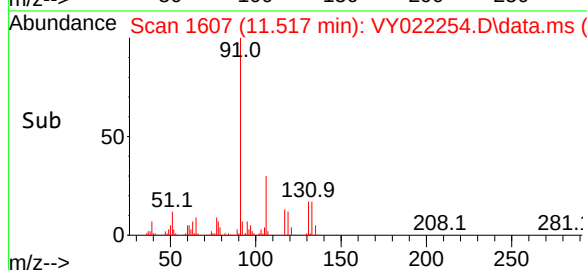
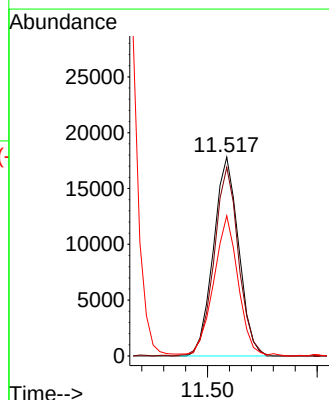
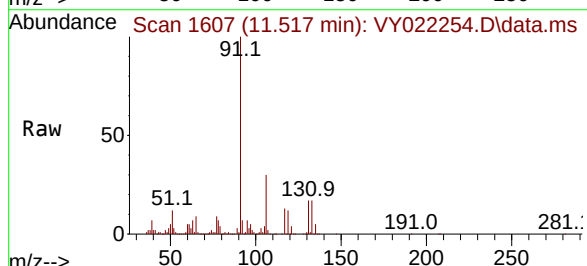
Tgt Ion:131 Resp: 28441

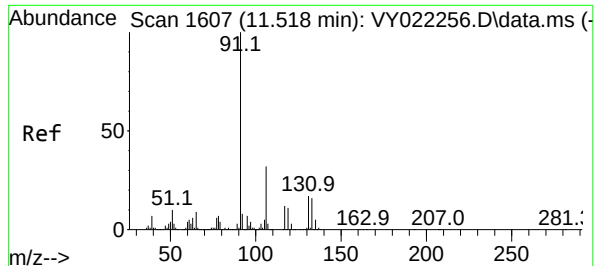
Ion Ratio Lower Upper

131 100

133 92.3 47.3 141.9

119 69.0 33.1 99.2





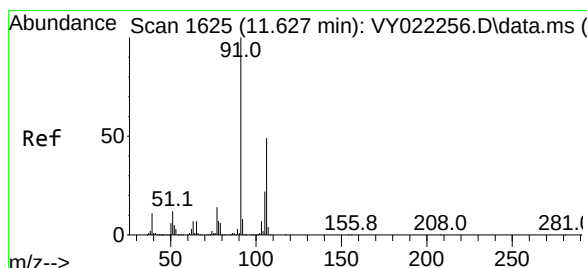
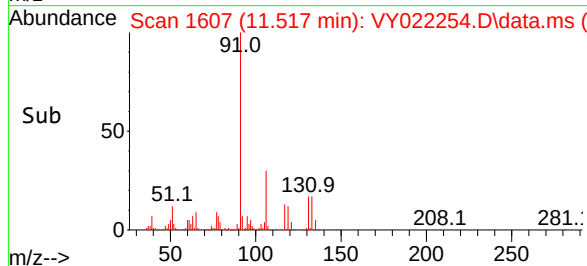
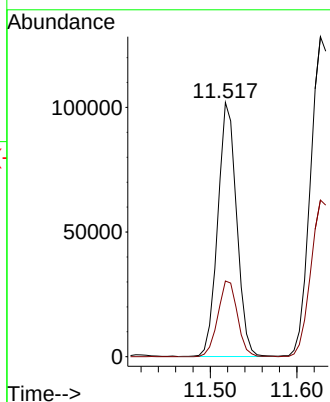
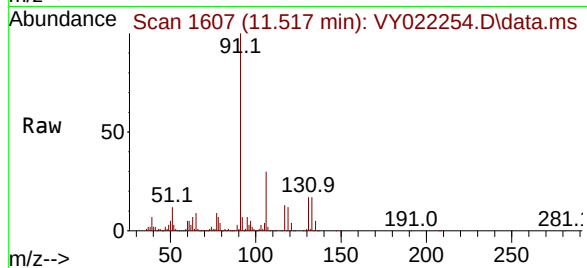
#67
Ethyl Benzene
Concen: 9.672 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 15415
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.0

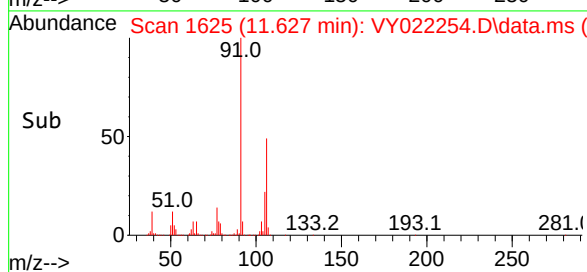
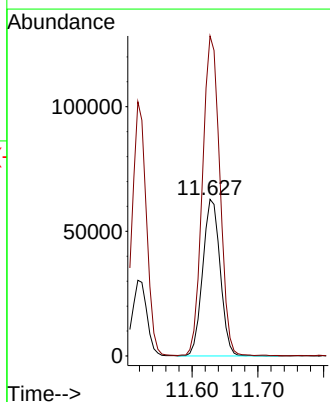
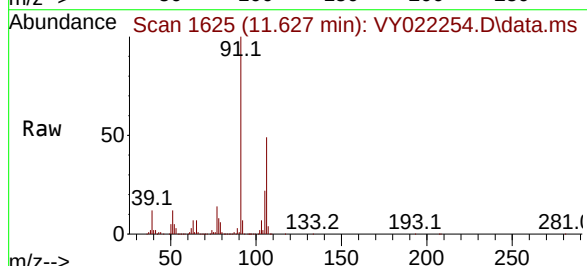
Manual Integrations
APPROVED

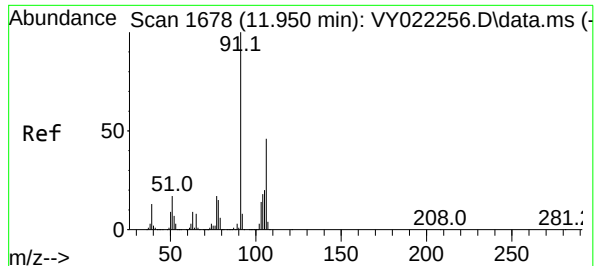
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#68
m/p-Xylenes
Concen: 19.334 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:106 Resp: 116113
Ion Ratio Lower Upper
106 100
91 202.4 163.0 244.4





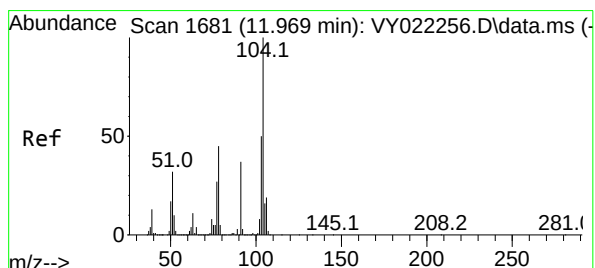
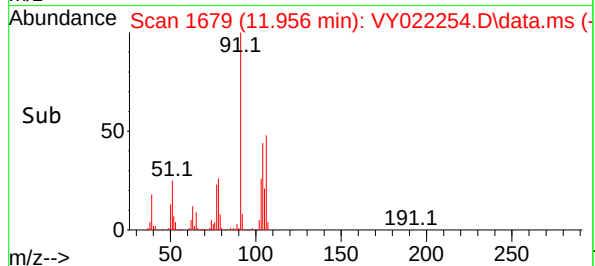
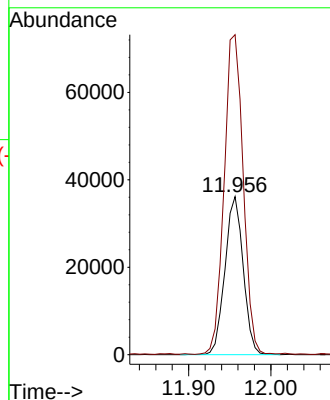
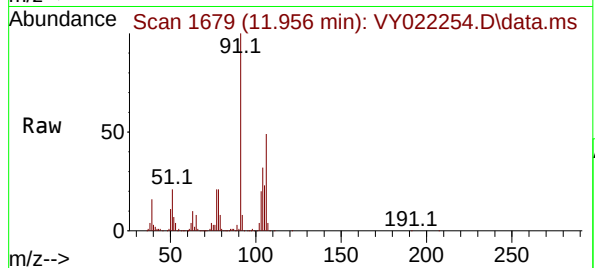
#69
o-Xylene
Concen: 9.837 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 55890
Ion Ratio Lower Upper
106 100
91 210.6 108.3 324.8

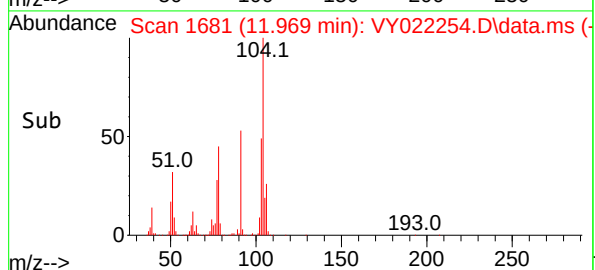
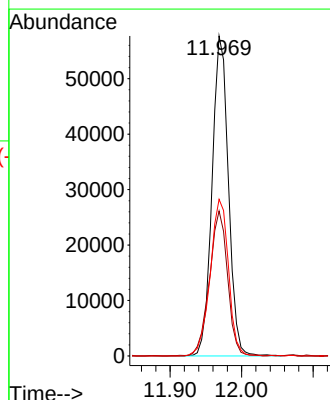
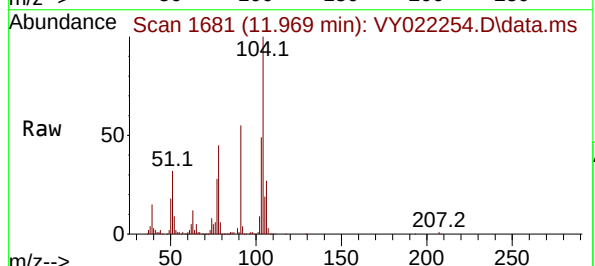
Manual Integrations
APPROVED

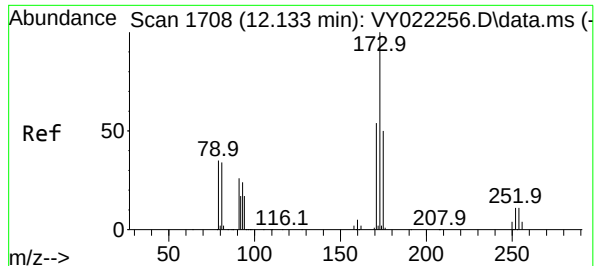
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 9.553 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

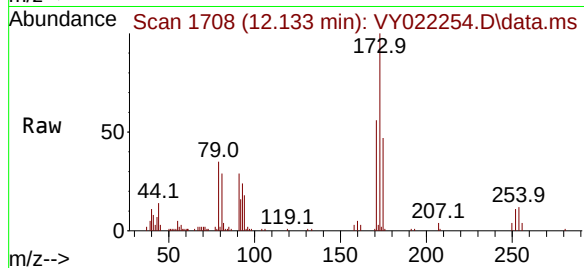
Tgt Ion:104 Resp: 91569
Ion Ratio Lower Upper
104 100
78 50.4 40.9 61.3
103 54.7 43.7 65.5





#71
Bromoform
Concen: 10.228 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

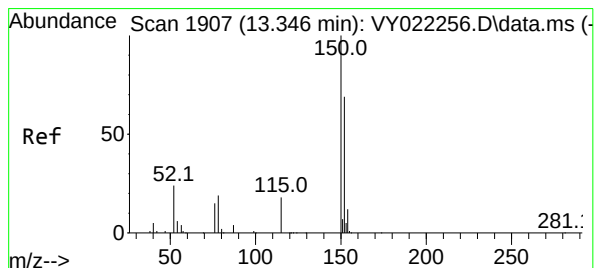
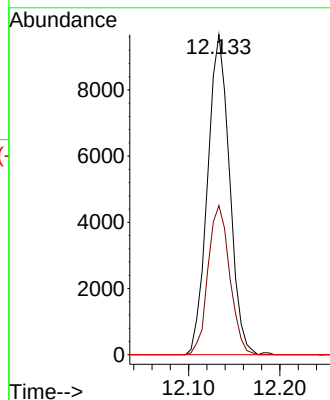
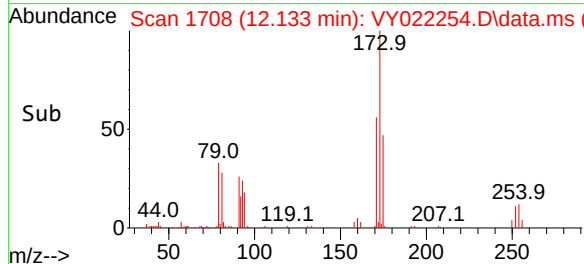
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:173 Resp: 1615
Ion Ratio Lower Upper
173 100
175 45.9 24.7 74.1
254 0.0 0.0 0.0

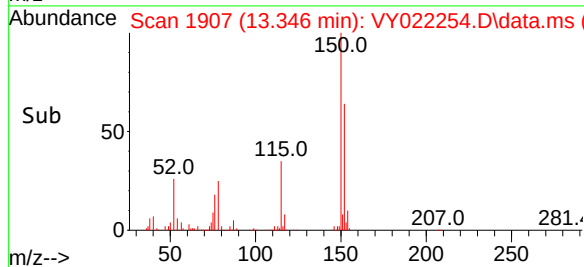
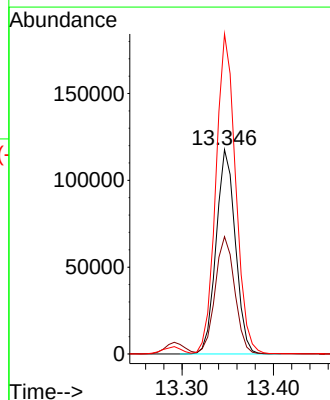
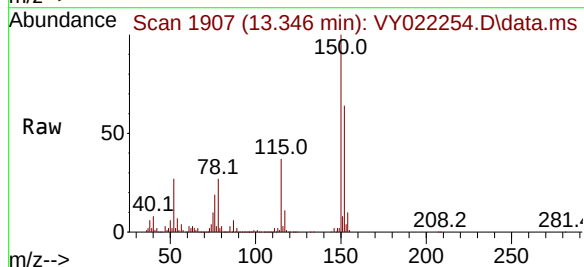
Manual Integrations
APPROVED

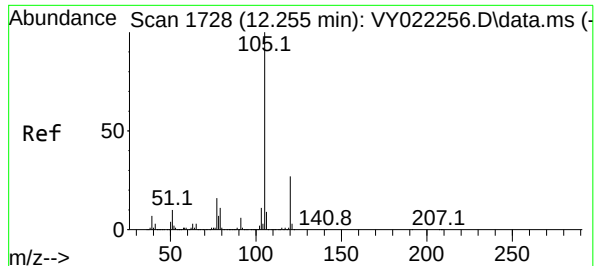
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

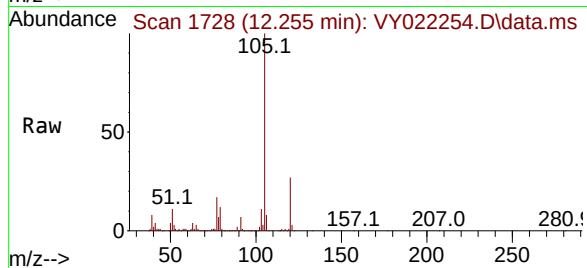
Tgt Ion:152 Resp: 171972
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.2
150 161.2 0.0 353.8





#73
Isopropylbenzene
Concen: 10.120 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

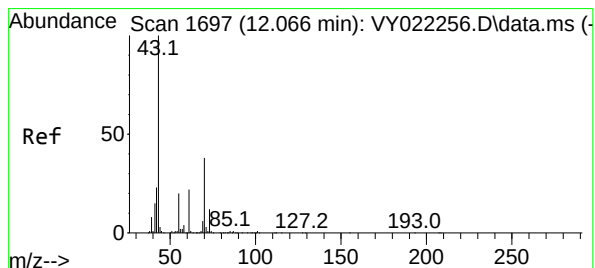
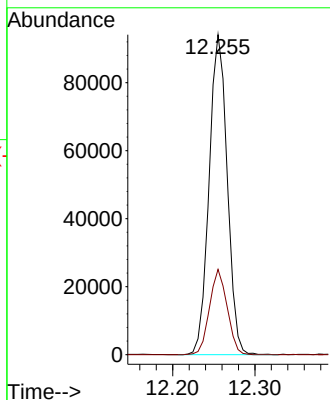
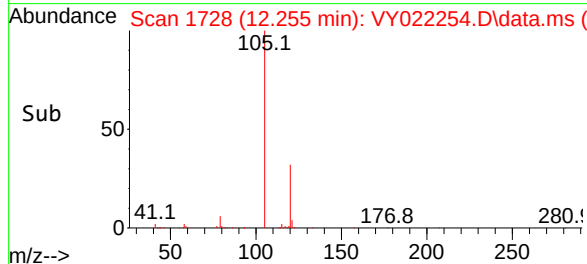
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 144180
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6

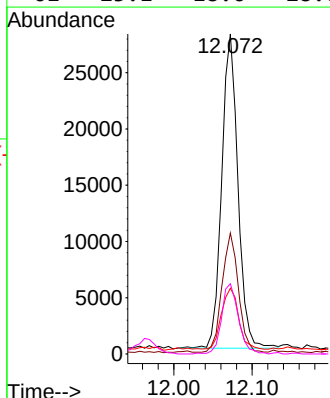
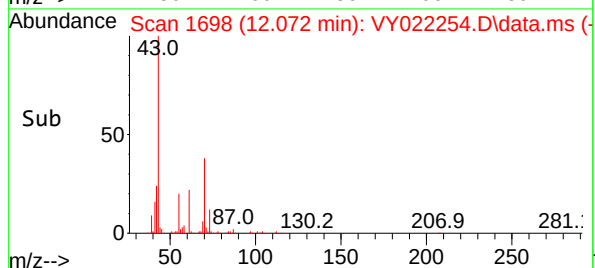
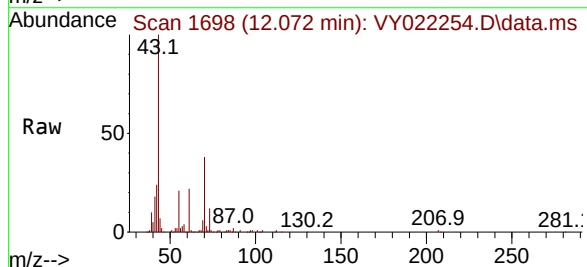
Manual Integrations
APPROVED

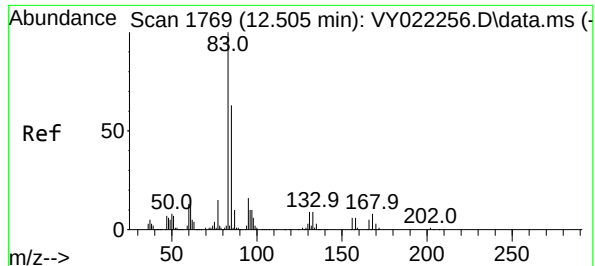
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#74
N-ethyl acetate
Concen: 9.901 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

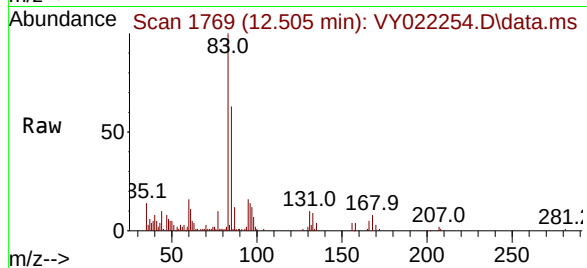
Tgt Ion: 43 Resp: 40345
Ion Ratio Lower Upper
43 100
70 38.2 31.4 47.0
55 20.5 17.0 25.6
61 23.1 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 10.152 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

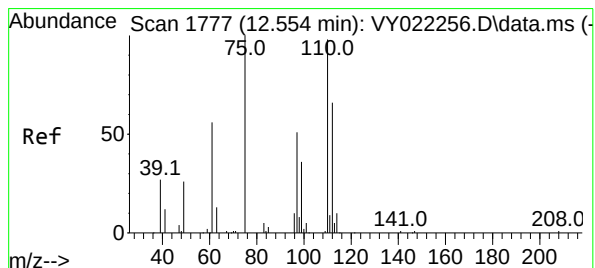
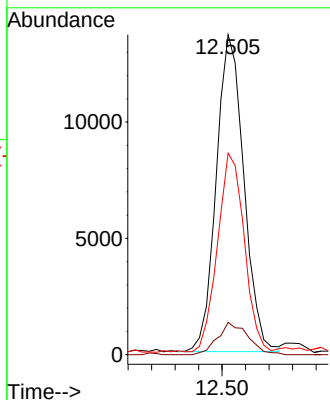
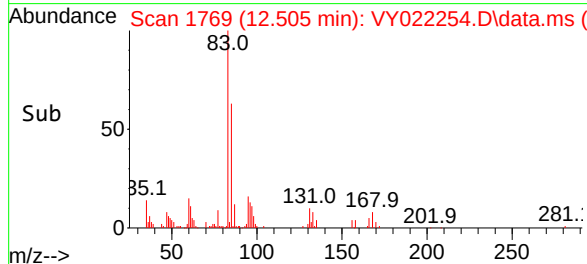
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 2224
Ion Ratio Lower Upper
83 100
131 11.1 4.9 14.7
85 60.8 32.0 96.0

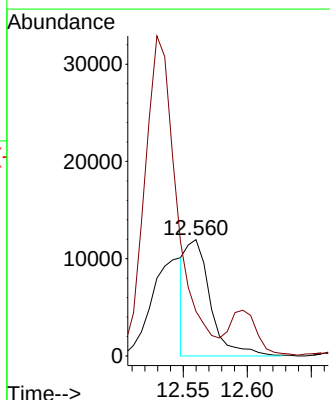
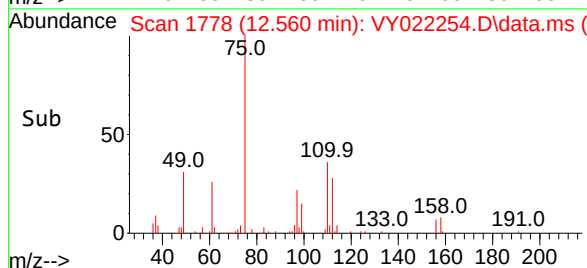
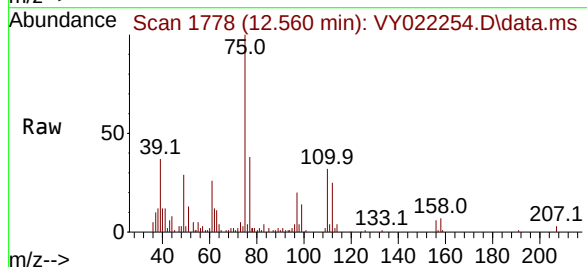
Manual Integrations
APPROVED

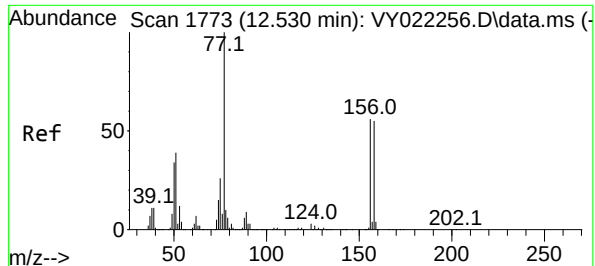
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76
1,2,3-Trichloropropane
Concen: 5.297 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

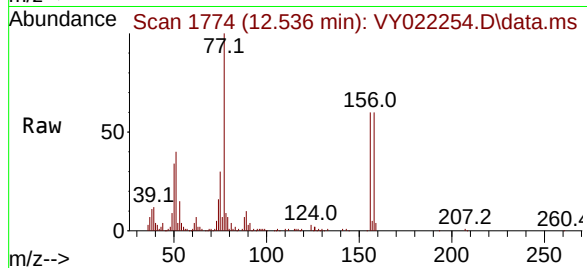
Tgt Ion: 75 Resp: 16056
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 10.005 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

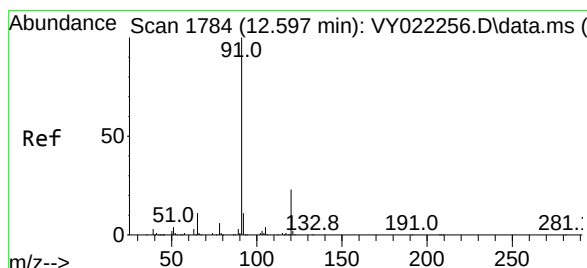
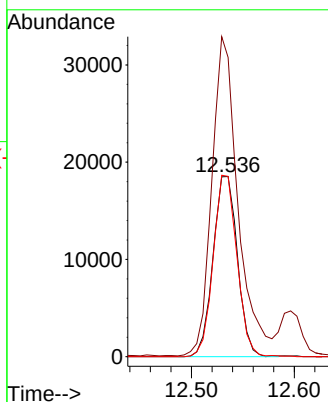
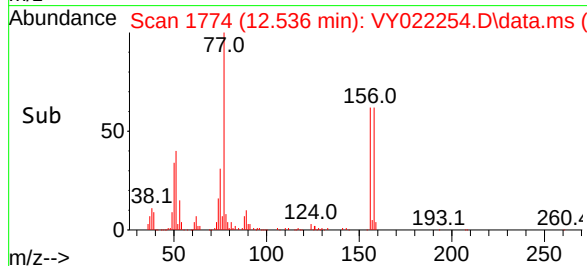
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 3044
Ion Ratio Lower Upper
156 100
77 189.7 94.5 283.6
158 98.1 48.4 145.3

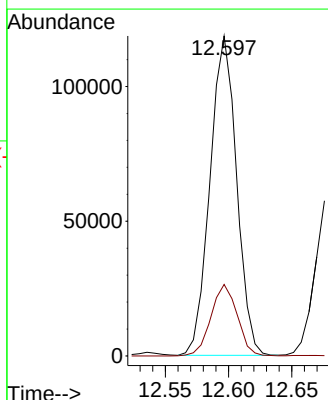
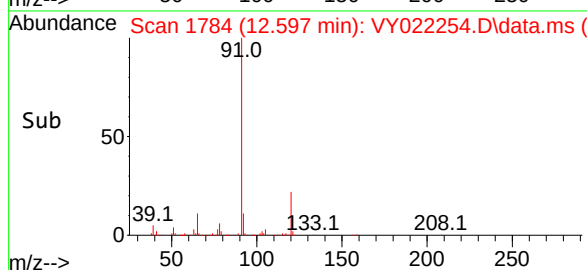
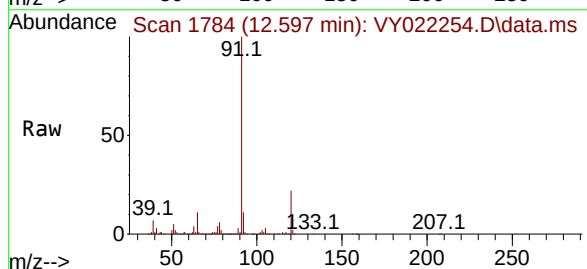
Manual Integrations
APPROVED

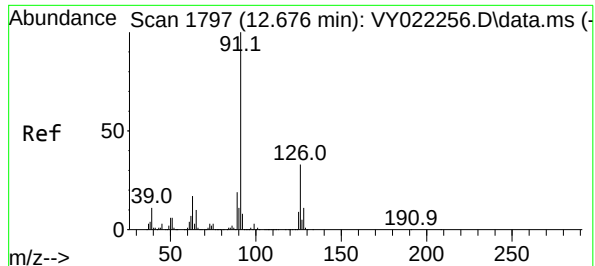
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 10.101 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 91 Resp: 173575
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





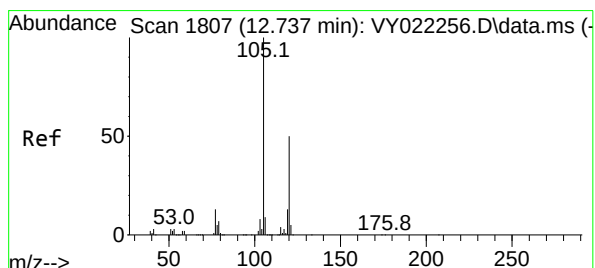
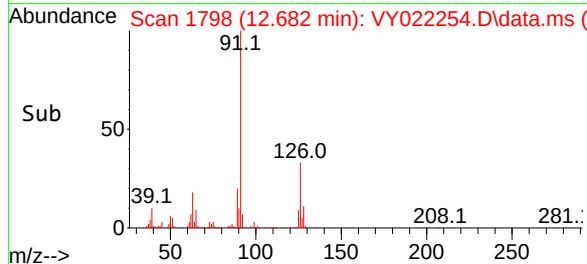
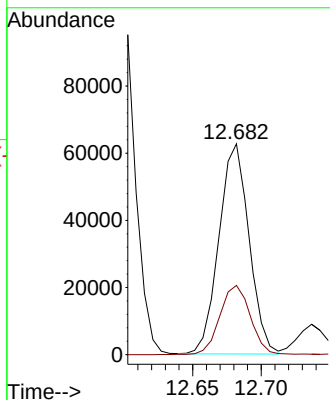
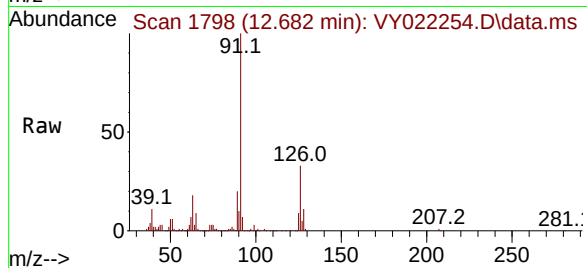
#79
2-Chlorotoluene
Concen: 10.146 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 95815
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

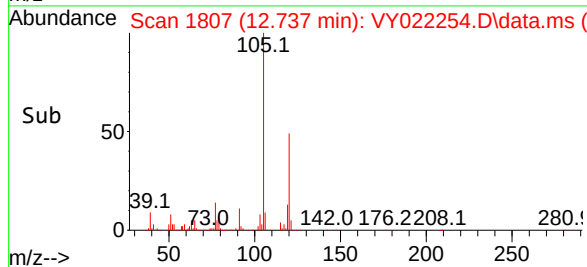
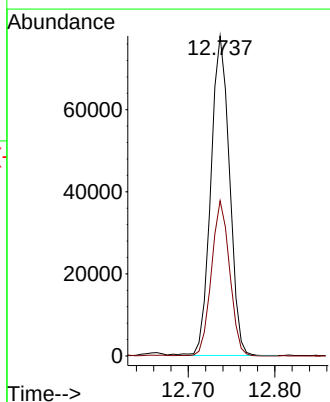
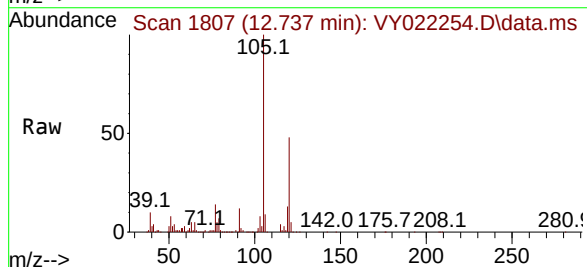
Manual Integrations
APPROVED

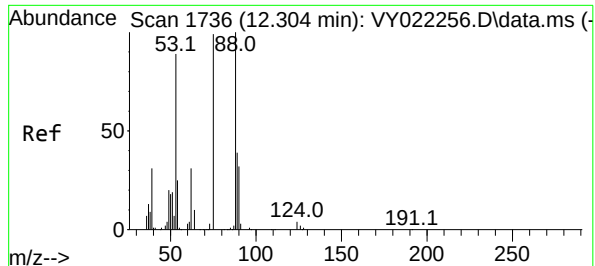
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 10.126 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

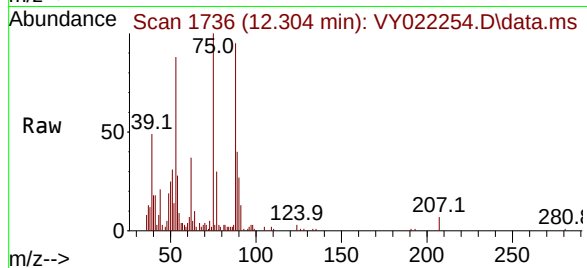
Tgt Ion:105 Resp: 116461
Ion Ratio Lower Upper
105 100
120 47.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 10.388 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

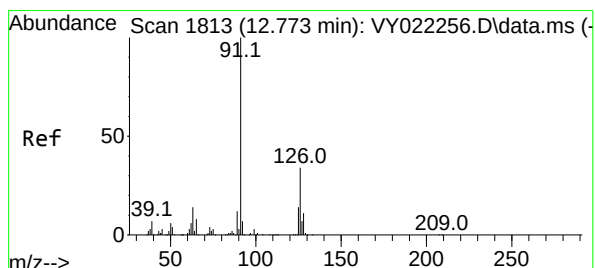
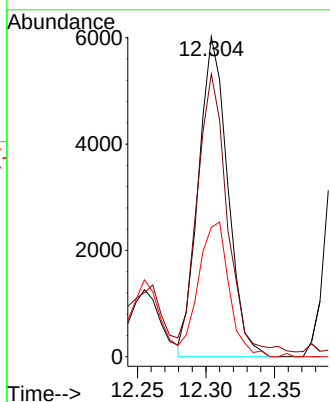
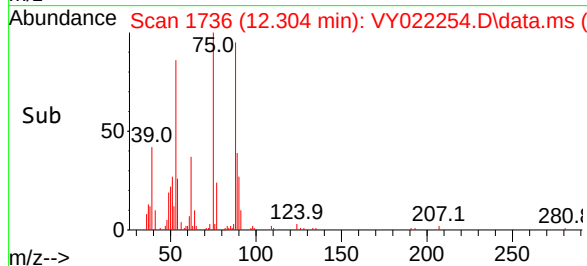
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 8934
Ion Ratio Lower Upper
75 100
53 87.6 75.8 113.8
89 44.0 36.2 54.2

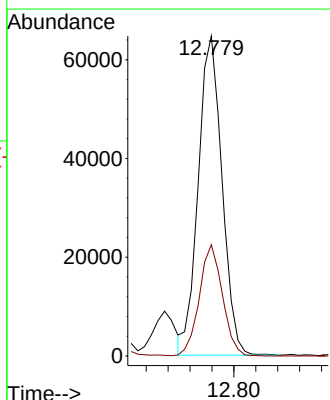
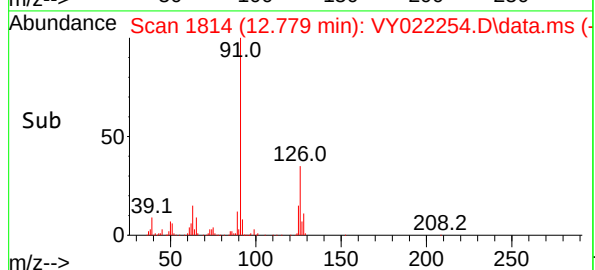
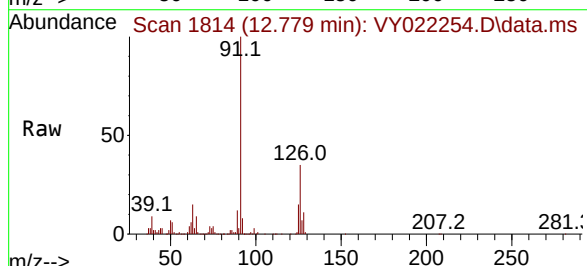
Manual Integrations
APPROVED

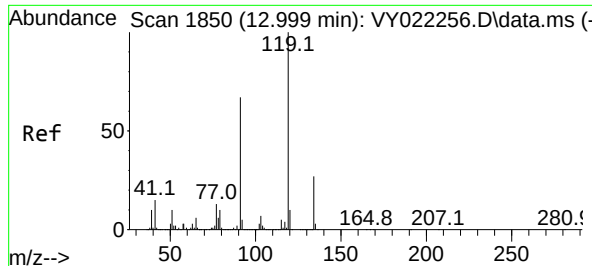
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 10.018 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

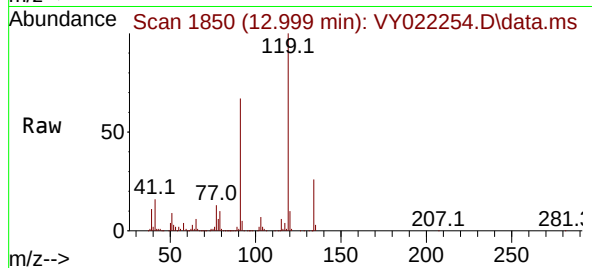
Tgt Ion: 91 Resp: 97309
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4





#83
tert-Butylbenzene
Concen: 10.005 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

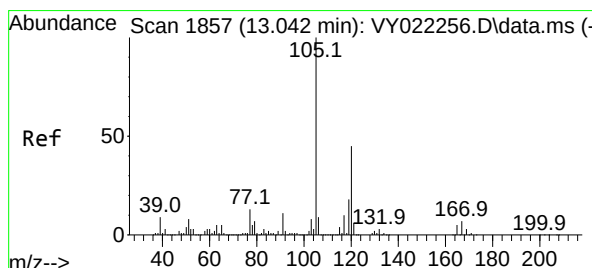
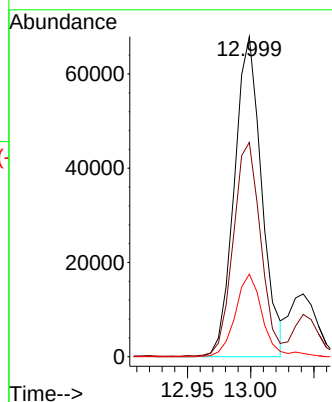
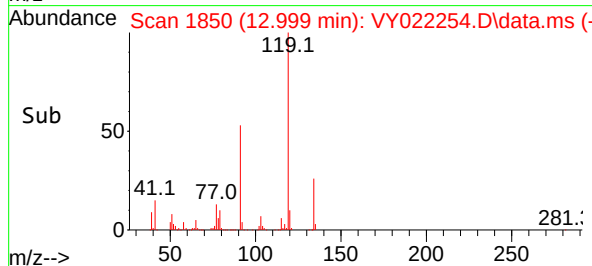
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



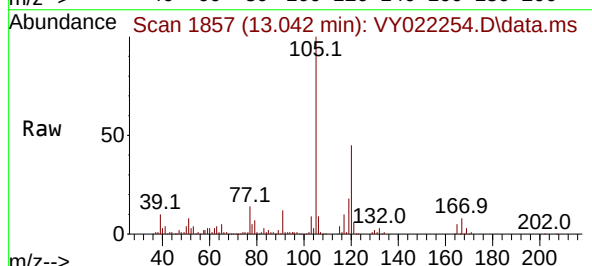
Tgt Ion:119 Resp: 102274
Ion Ratio Lower Upper
119 100
91 66.9 32.8 98.3
134 25.7 12.9 38.6

Manual Integrations
APPROVED

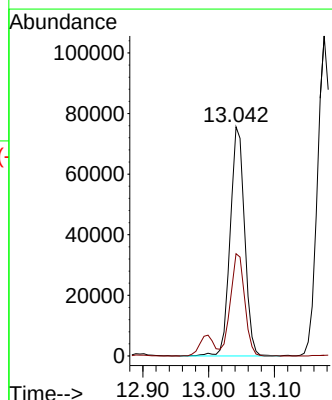
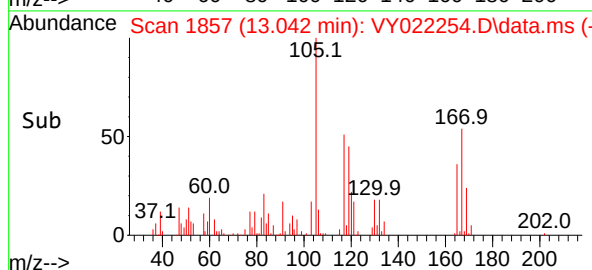
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

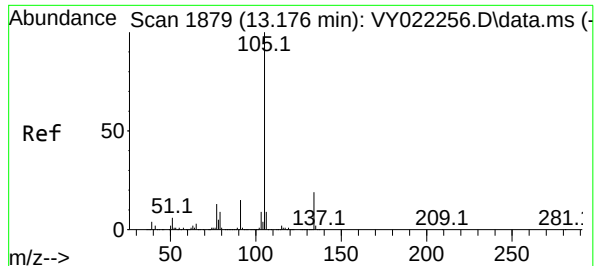


#84
1,2,4-Trimethylbenzene
Concen: 10.088 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



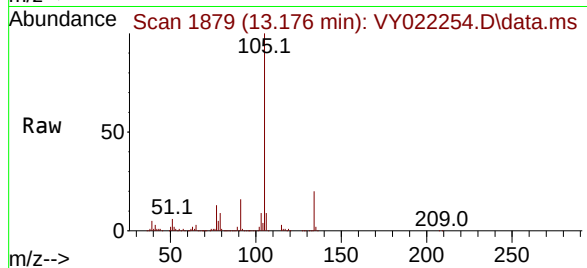
Tgt Ion:105 Resp: 115175
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.9





#85
sec-Butylbenzene
Concen: 10.112 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

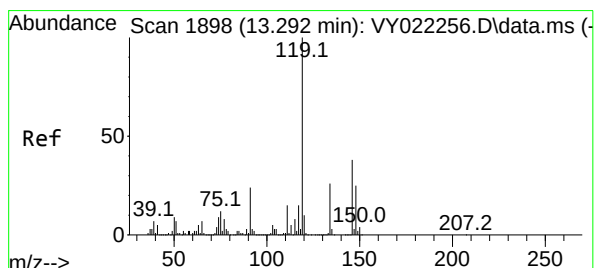
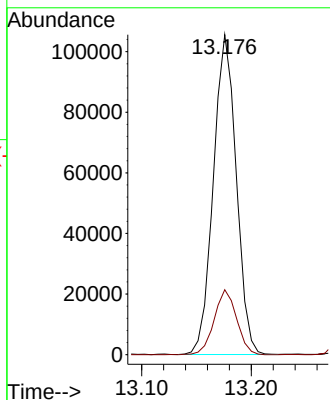
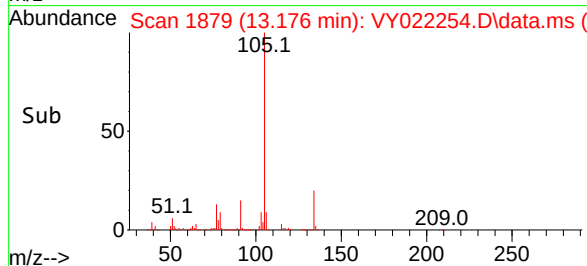
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 15344
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.5

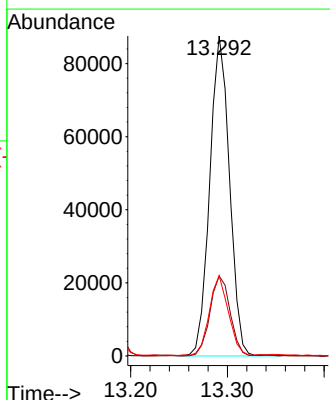
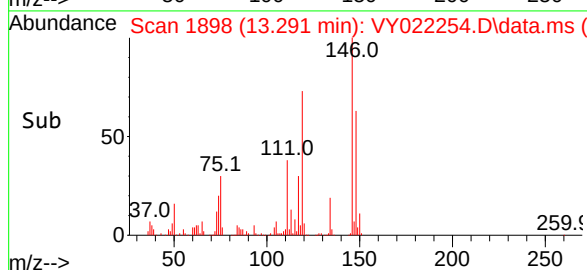
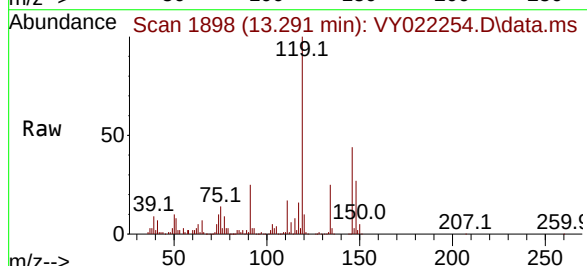
Manual Integrations
APPROVED

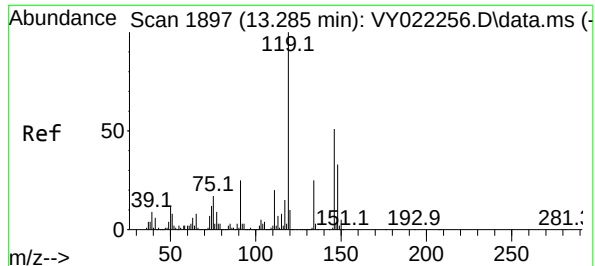
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#86
p-Isopropyltoluene
Concen: 9.728 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:119 Resp: 124147
Ion Ratio Lower Upper
119 100
134 25.4 12.9 38.6
91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.822 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

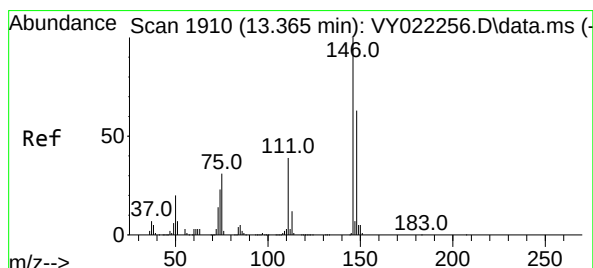
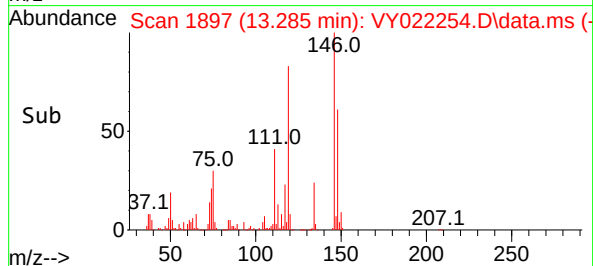
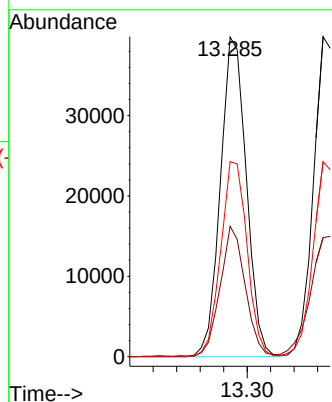
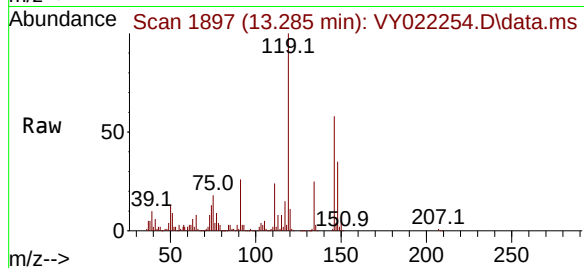
VSTDIC010

Tgt Ion:	146	Resp:	6101
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	62.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 10.163 ug/l

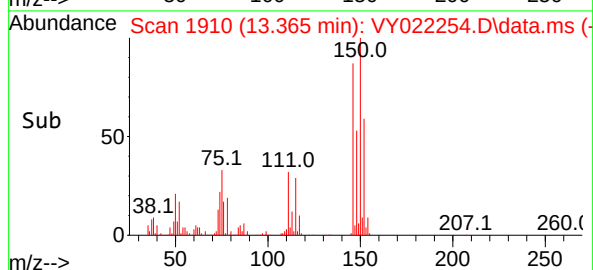
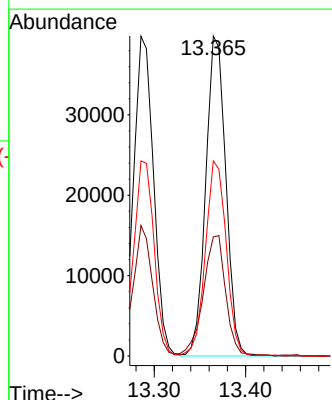
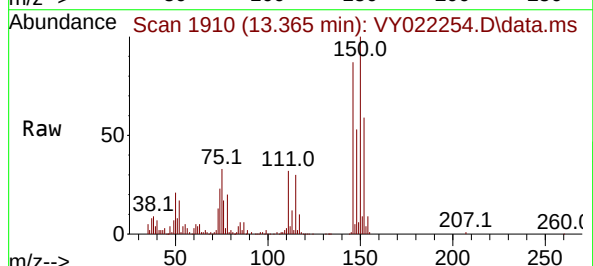
RT: 13.365 min Scan# 1910

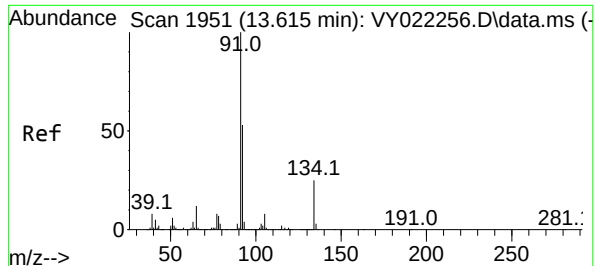
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:	146	Resp:	60723
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.0	59.9
148	62.5	32.1	96.5





#89

n-Butylbenzene

Concen: 9.970 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

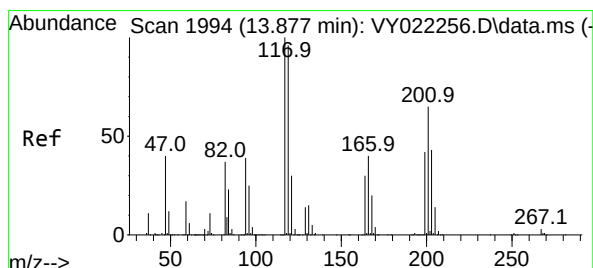
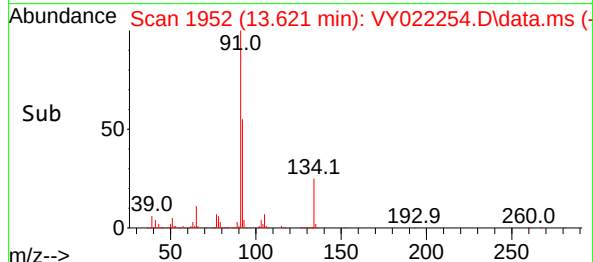
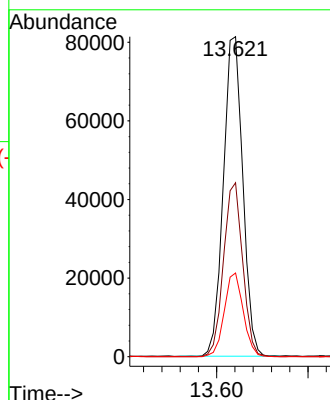
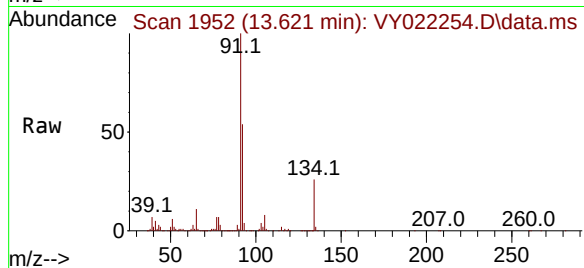
VSTDIC010

Tgt Ion: 91	Resp: 12037
Ion Ratio	Lower Upper
91	100
92	53.6 26.3 78.9
134	25.5 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90

Hexachloroethane

Concen: 10.127 ug/l

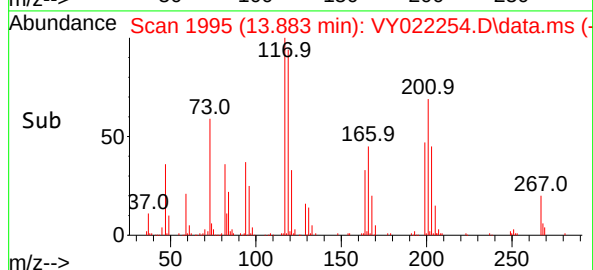
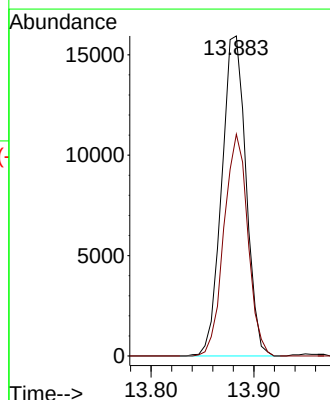
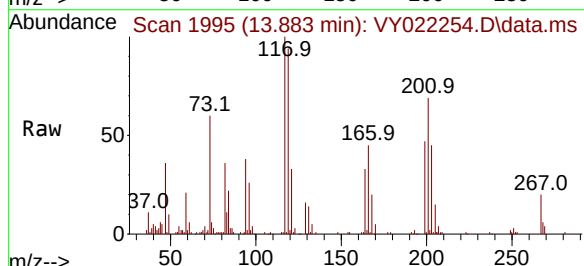
RT: 13.883 min Scan# 1995

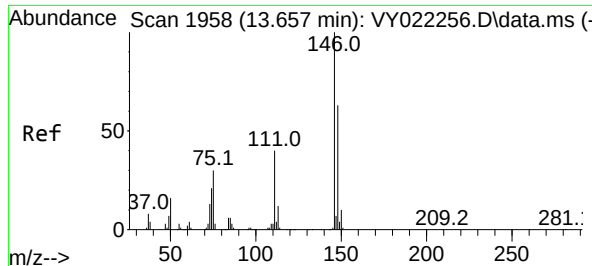
Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

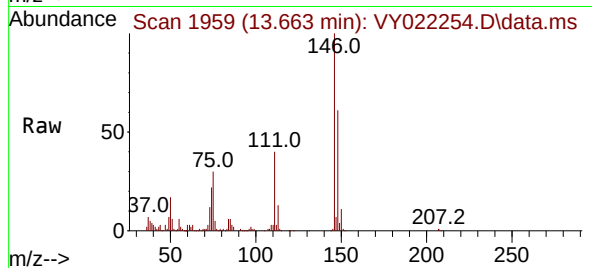
Tgt Ion:117	Resp: 26089
Ion Ratio	Lower Upper
117	100
201	68.2 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 10.020 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

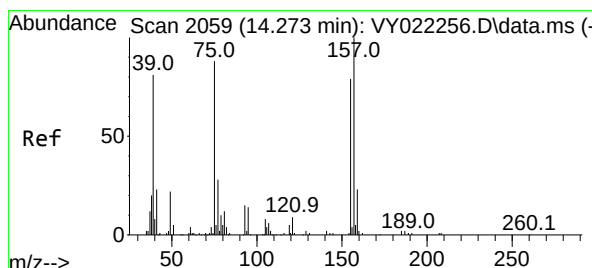
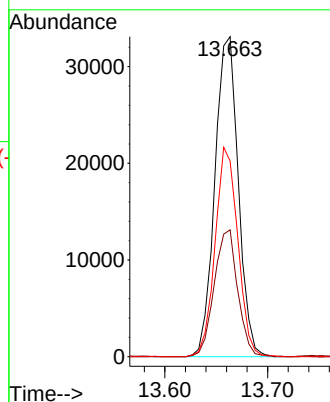
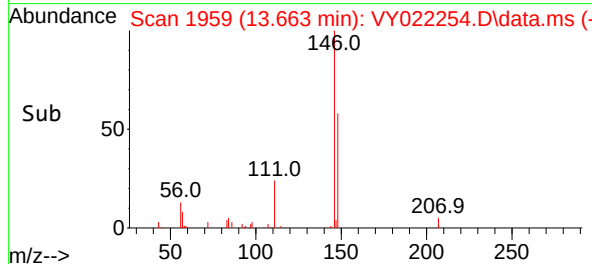
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 5228
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 63.5 32.0 96.0

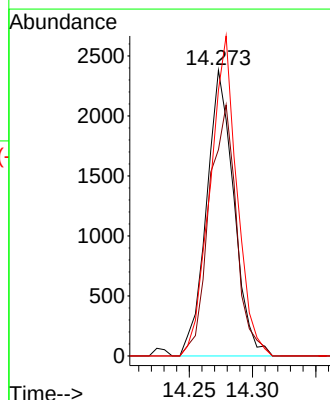
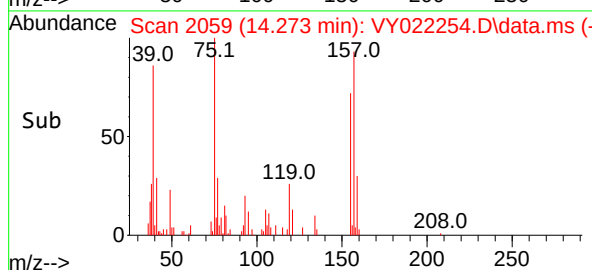
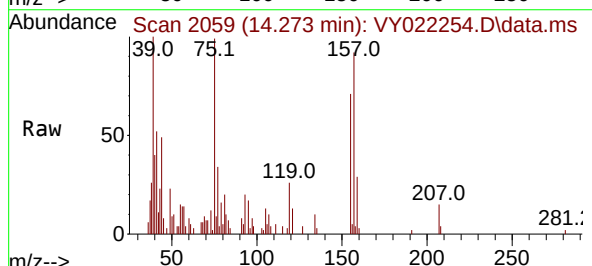
Manual Integrations
APPROVED

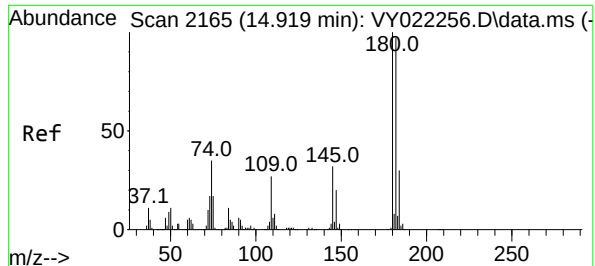
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.155 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 75 Resp: 3588
Ion Ratio Lower Upper
75 100
155 88.0 43.4 130.1
157 109.8 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 9.646 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

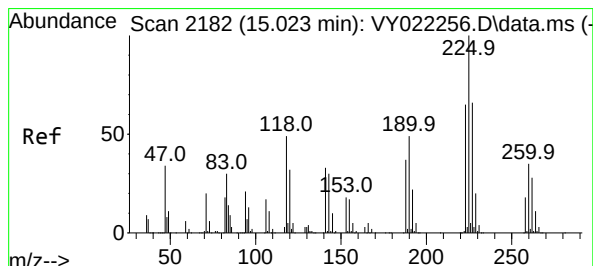
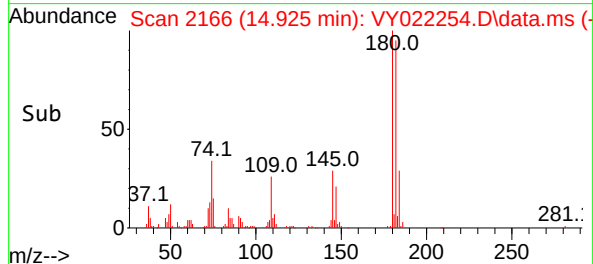
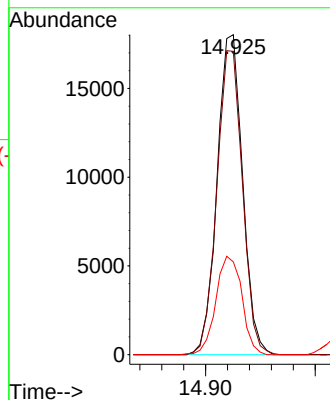
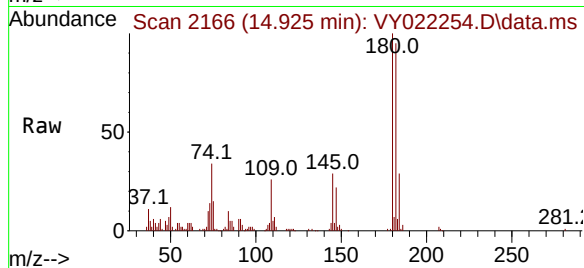
VSTDIC010

Tgt Ion:	180	Resp:	2907
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.0
145	31.4	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 9.927 ug/l

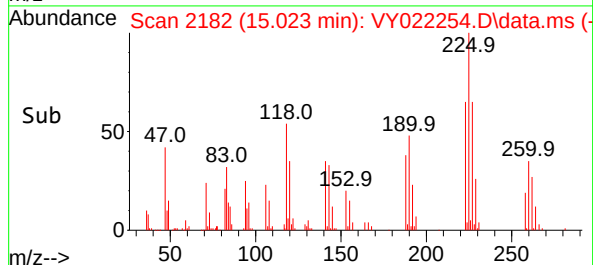
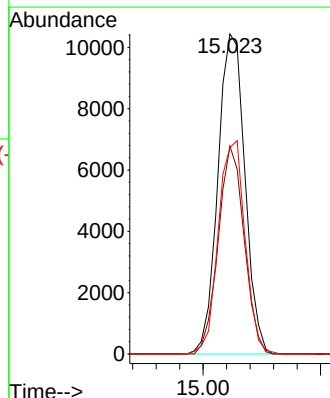
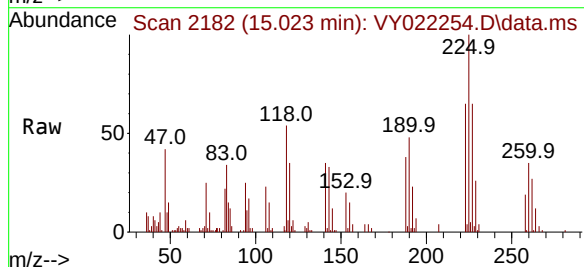
RT: 15.023 min Scan# 2182

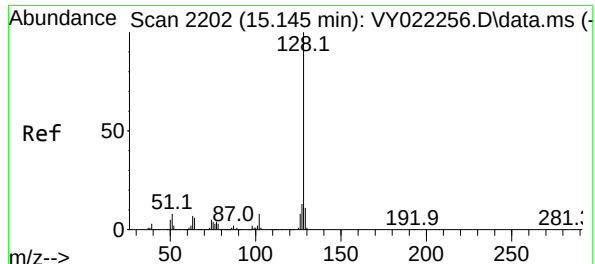
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

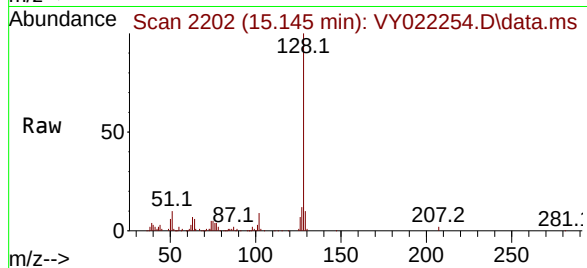
Tgt Ion:	225	Resp:	16686
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.5	94.5
227	65.8	32.1	96.3





#95
Naphthalene
Concen: 9.495 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

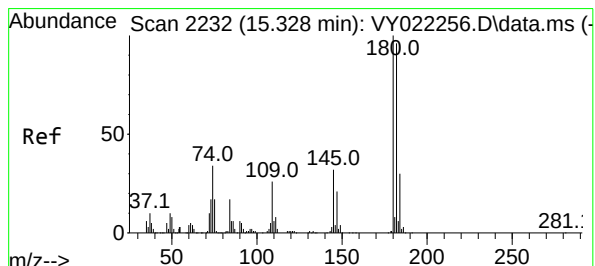
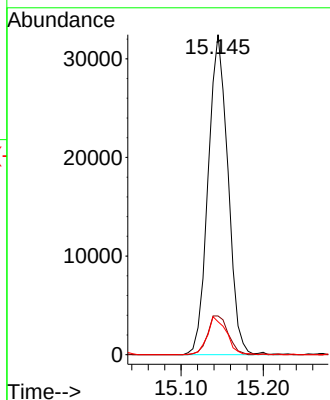
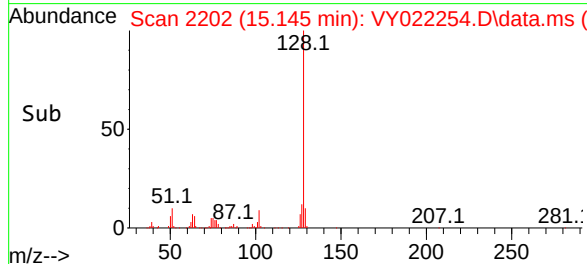
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



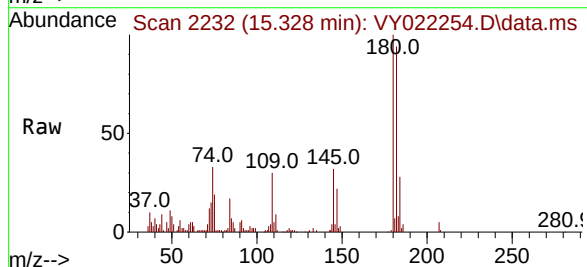
Tgt Ion:128 Resp: 5430
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.5 8.8 13.2

Manual Integrations
APPROVED

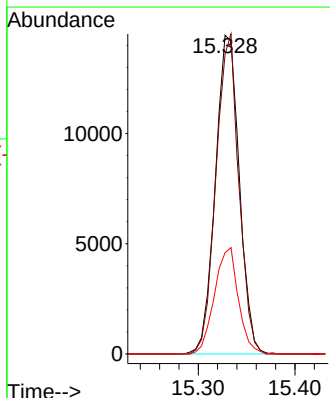
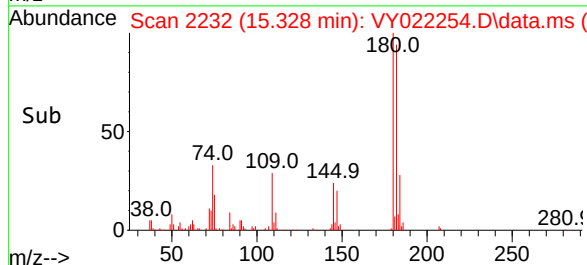
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 9.696 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion:180 Resp: 24790
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.3
145 33.4 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022255.D
 Acq On : 15 May 2025 10:39
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:22:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	262008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	439816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	370072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55221	19.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.560%#		
35) Dibromofluoromethane	7.634	113	51670	19.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.360%#		
50) Toluene-d8	10.109	98	210206	19.552	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.100%#		
62) 4-Bromofluorobenzene	12.408	95	64706	18.988	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	56737	20.753	ug/l	99
3) Chloromethane	2.068	50	120819	21.008	ug/l	97
4) Vinyl Chloride	2.202	62	132511	20.623	ug/l	96
5) Bromomethane	2.592	94	110855	21.194	ug/l	99
6) Chloroethane	2.732	64	83451	20.877	ug/l	99
7) Trichlorofluoromethane	3.050	101	132029	20.295	ug/l	97
8) Diethyl Ether	3.458	74	29651	18.993	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	57012	20.187	ug/l	98
10) Methyl Iodide	4.001	142	65018	19.891	ug/l	98
11) Tert butyl alcohol	4.872	59	19585	89.565	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	56630	20.206	ug/l	98
13) Acrolein	3.653	56	30106	94.178	ug/l	91
14) Allyl chloride	4.385	41	99483	20.244	ug/l	100
15) Acrylonitrile	5.061	53	60119	93.456	ug/l	100
16) Acetone	3.873	43	50198	93.491	ug/l	96
17) Carbon Disulfide	4.104	76	184860	20.228	ug/l	99
18) Methyl Acetate	4.391	43	29969	18.344	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	145976	18.890	ug/l	100
20) Methylene Chloride	4.616	84	67687	19.510	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	63174	20.422	ug/l	97
22) Diisopropyl ether	6.019	45	202960	19.558	ug/l	99
23) Vinyl Acetate	5.958	43	594019	94.748	ug/l	99
24) 1,1-Dichloroethane	5.915	63	115217	19.873	ug/l	99
25) 2-Butanone	6.896	43	82768	92.157	ug/l	93
26) 2,2-Dichloropropane	6.890	77	101725	19.727	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	70008	19.611	ug/l	98
28) Bromochloromethane	7.244	49	48933	19.787	ug/l	100
29) Tetrahydrofuran	7.262	42	53229	92.122	ug/l	98
30) Chloroform	7.421	83	111815	20.107	ug/l	98
31) Cyclohexane	7.695	56	112876	19.486	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	100618	19.721	ug/l	100
36) 1,1-Dichloropropene	7.835	75	85789	19.841	ug/l	99
37) Ethyl Acetate	6.988	43	38482	18.497	ug/l	99
38) Carbon Tetrachloride	7.817	117	86871	19.410	ug/l	98
39) Methylcyclohexane	9.109	83	113511	19.540	ug/l	98
40) Benzene	8.079	78	252507	19.700	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022255.D
 Acq On : 15 May 2025 10:39
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:22:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	26008m	17.085	ug/l	
42) 1,2-Dichloroethane	8.158	62	66525	19.192	ug/l	99
43) Isopropyl Acetate	8.201	43	84532	18.631	ug/l	97
44) Trichloroethene	8.866	130	63438	19.904	ug/l	96
45) 1,2-Dichloropropane	9.140	63	60438	19.557	ug/l	100
46) Dibromomethane	9.231	93	31752	19.050	ug/l	99
47) Bromodichloromethane	9.426	83	83823	19.385	ug/l	96
48) Methyl methacrylate	9.219	41	39387	18.563	ug/l	99
49) 1,4-Dioxane	9.237	88	7312	388.323	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	202454	90.940	ug/l	99
52) Toluene	10.170	92	156498	19.281	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	80413	19.056	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	94074	19.458	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	40872	19.149	ug/l	99
56) Ethyl methacrylate	10.438	69	62193	18.706	ug/l	97
57) 1,3-Dichloropropane	10.713	76	72715	19.175	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	126240	84.595	ug/l	99
59) 2-Hexanone	10.762	43	132496	88.766	ug/l	100
60) Dibromochloromethane	10.914	129	52353	18.898	ug/l	98
61) 1,2-Dibromoethane	11.012	107	37735	18.969	ug/l	99
64) Tetrachloroethene	10.646	164	69548	20.332	ug/l	98
65) Chlorobenzene	11.438	112	163725	19.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	55078	19.189	ug/l	98
67) Ethyl Benzene	11.518	91	303375	19.402	ug/l	99
68) m/p-Xylenes	11.627	106	225990	38.355	ug/l	100
69) o-Xylene	11.956	106	106998	19.194	ug/l	100
70) Styrene	11.969	104	179114	19.048	ug/l	99
71) Bromoform	12.133	173	28788	18.582	ug/l #	98
73) Isopropylbenzene	12.255	105	282895	19.795	ug/l	100
74) N-amyl acetate	12.072	43	76841	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40064	18.228	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	35574m	11.701	ug/l	
77) Bromobenzene	12.530	156	58515	19.170	ug/l	99
78) n-propylbenzene	12.597	91	338383	19.630	ug/l	99
79) 2-Chlorotoluene	12.682	91	185872	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	225966	19.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16653	19.302	ug/l	97
82) 4-Chlorotoluene	12.779	91	189350	19.433	ug/l	100
83) tert-Butylbenzene	12.999	119	200101	19.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	221194	19.315	ug/l	98
85) sec-Butylbenzene	13.176	105	297975	19.576	ug/l	100
86) p-Isopropyltoluene	13.292	119	246569	19.261	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	118336	18.991	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	117705	19.638	ug/l	99
89) n-Butylbenzene	13.615	91	240857	19.887	ug/l	99
90) Hexachloroethane	13.877	117	50762	19.643	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	102077	19.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6387	18.021	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	58490	19.346	ug/l	99
94) Hexachlorobutadiene	15.023	225	34228	20.301	ug/l	100
95) Naphthalene	15.145	128	105350	18.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48444	18.888	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022255.D
Acq On : 15 May 2025 10:39
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:22:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

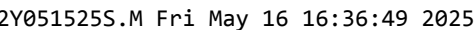
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

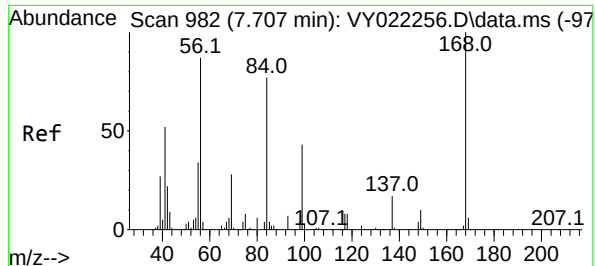
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations

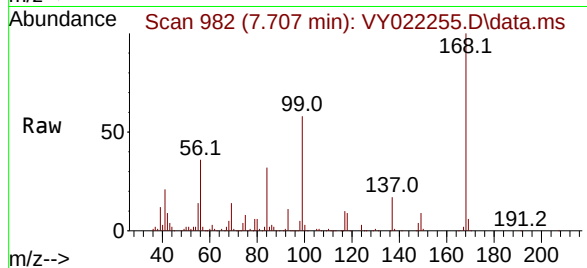
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

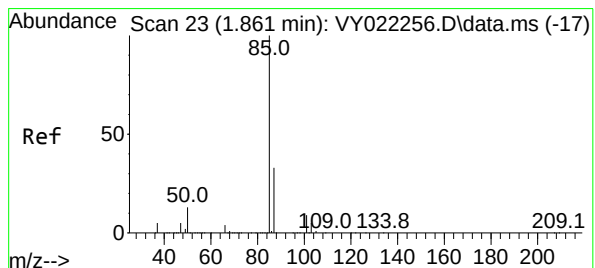
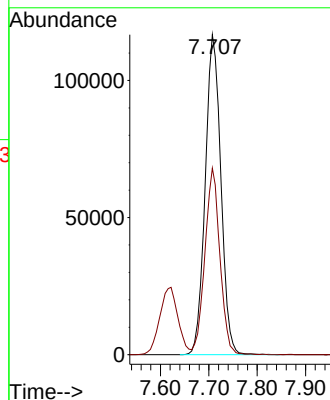
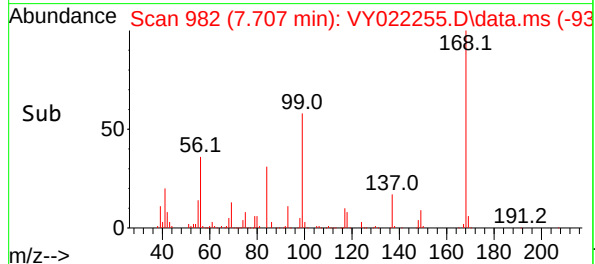
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 262008
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4

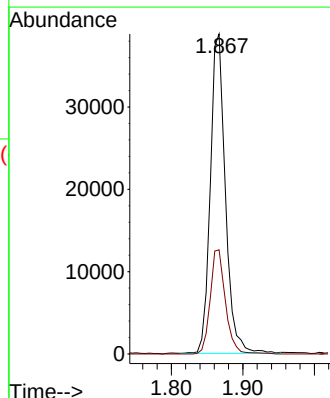
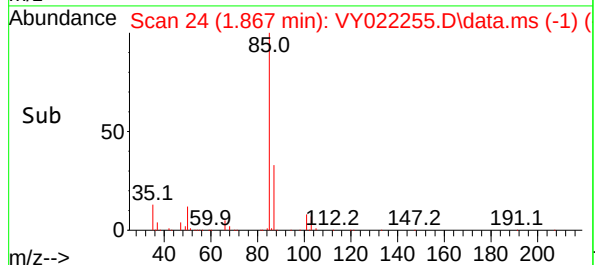
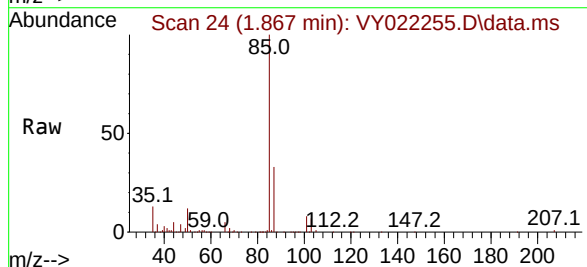
Manual Integrations
APPROVED

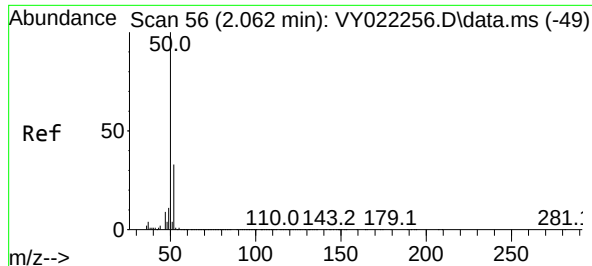
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 20.753 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

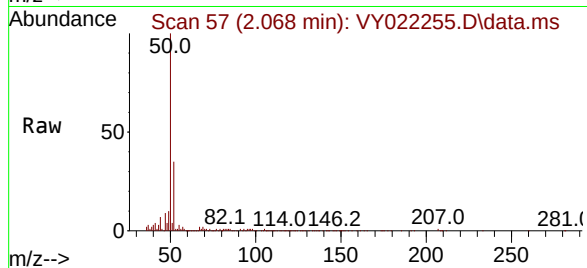
Tgt Ion: 85 Resp: 56737
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 21.008 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

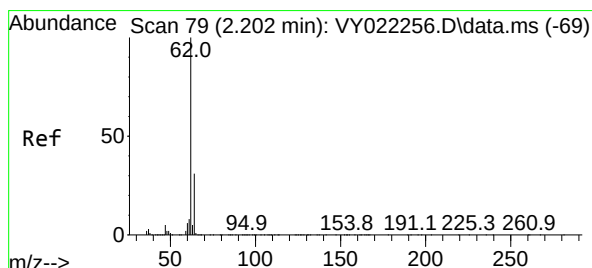
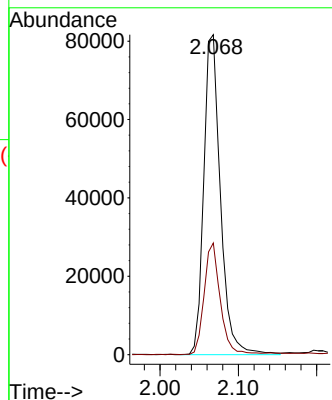
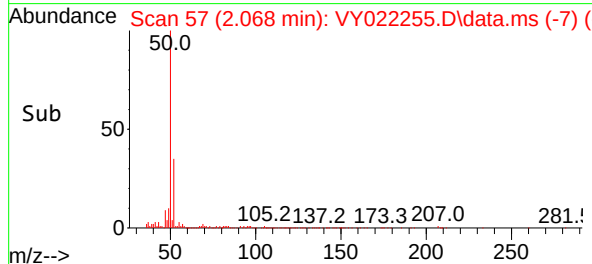
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 120819
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7

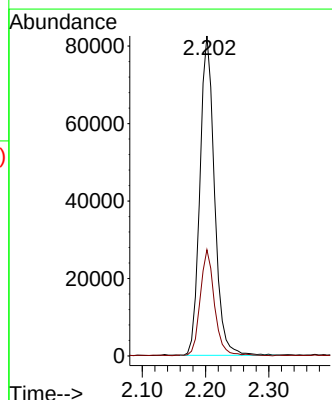
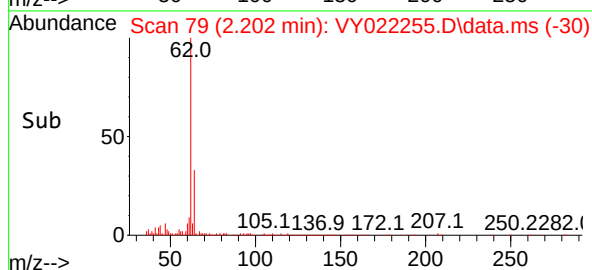
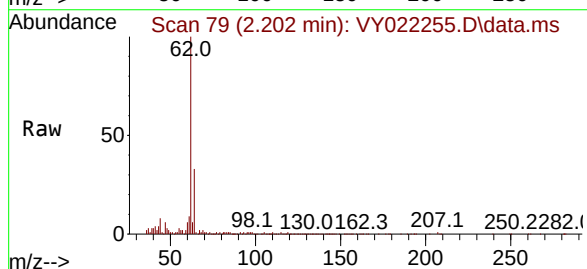
Manual Integrations
APPROVED

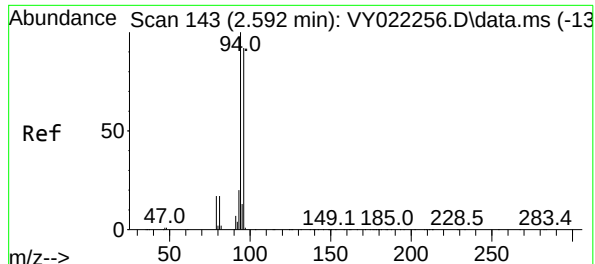
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 20.623 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

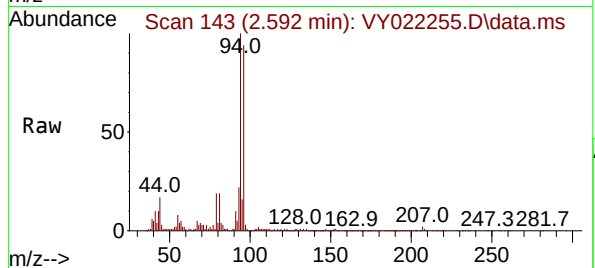
Tgt Ion: 62 Resp: 132511
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7





#5
Bromomethane
Concen: 21.194 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

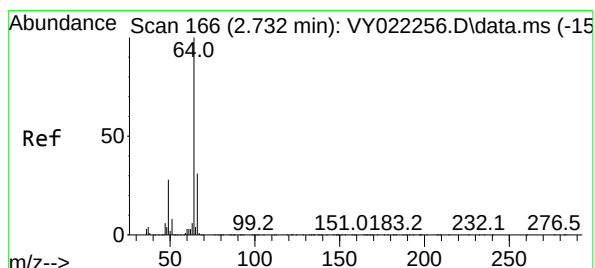
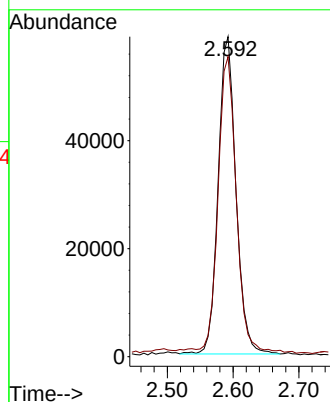
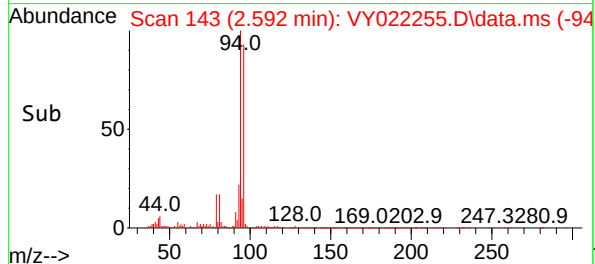
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



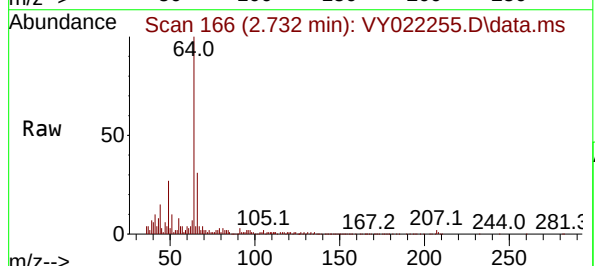
Tgt Ion: 94 Resp: 11085
Ion Ratio Lower Upper
94 100
96 92.6 73.4 110.0

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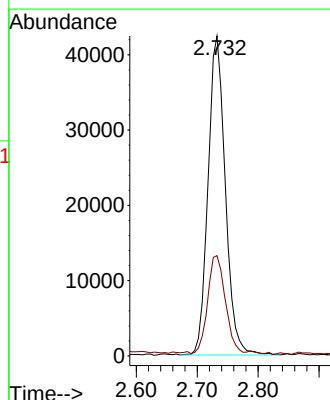
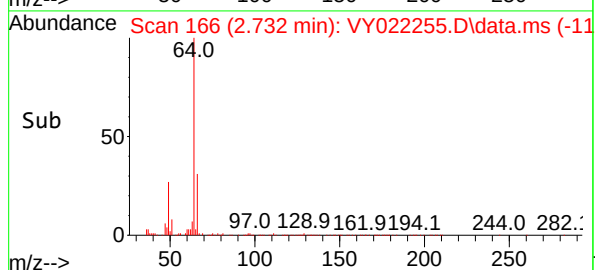
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

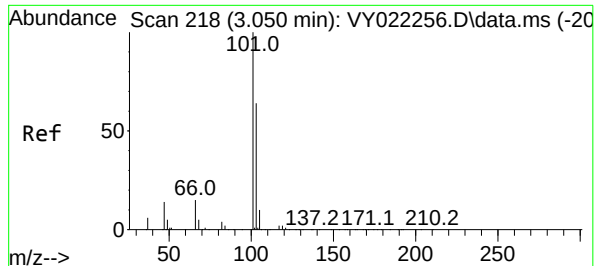


#6
Chloroethane
Concen: 20.877 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



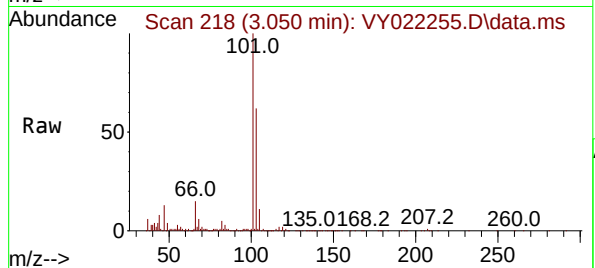
Tgt Ion: 64 Resp: 83451
Ion Ratio Lower Upper
64 100
66 30.4 24.8 37.2





#7
Trichlorofluoromethane
Concen: 20.295 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

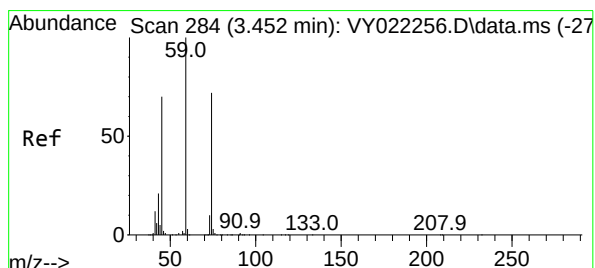
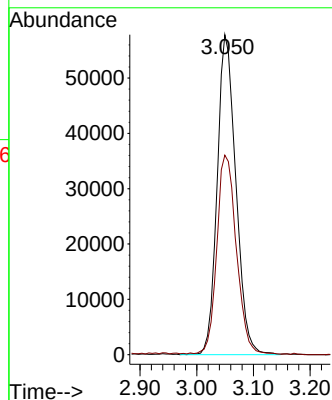
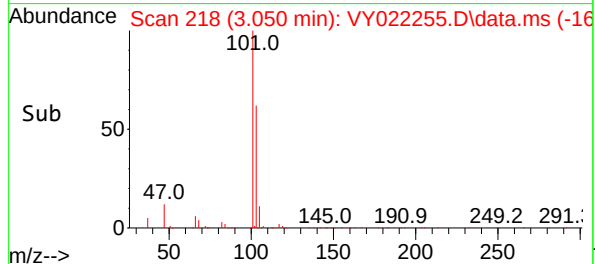
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 132029
Ion Ratio Lower Upper
101 100
103 62.2 51.7 77.5

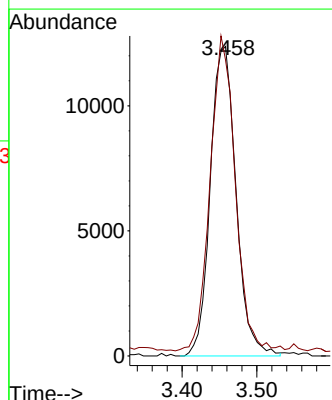
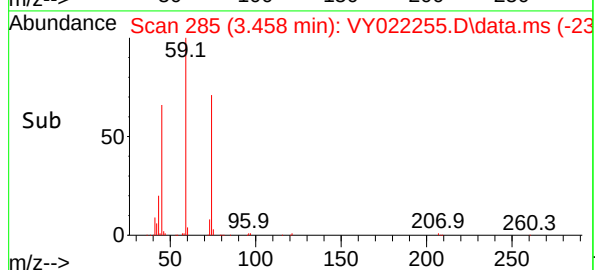
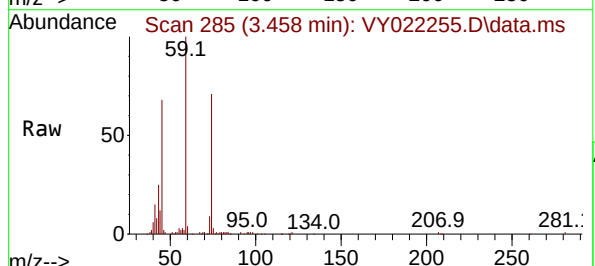
Manual Integrations
APPROVED

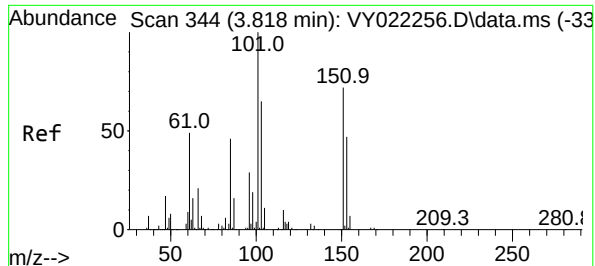
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 18.993 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

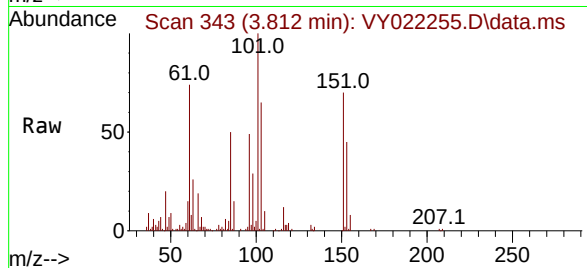
Tgt Ion: 74 Resp: 29651
Ion Ratio Lower Upper
74 100
45 99.0 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.187 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

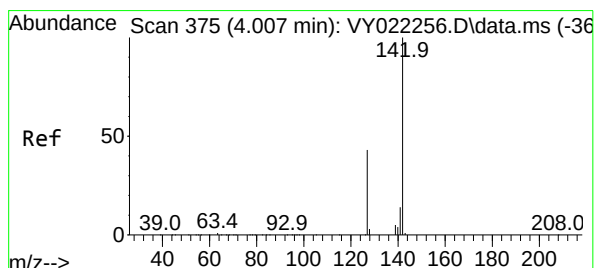
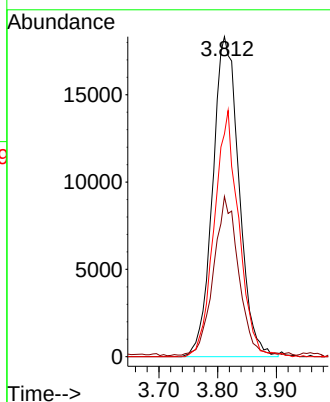
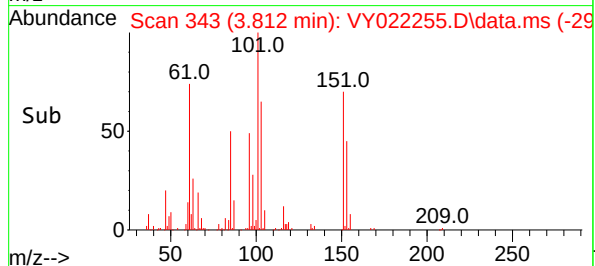
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 57012
Ion Ratio Lower Upper
101 100
85 47.7 38.6 58.0
151 71.9 59.7 89.5

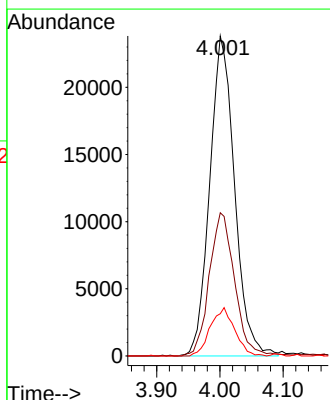
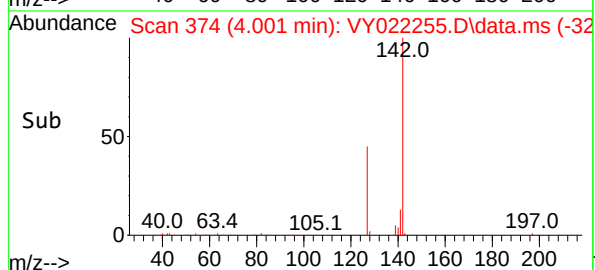
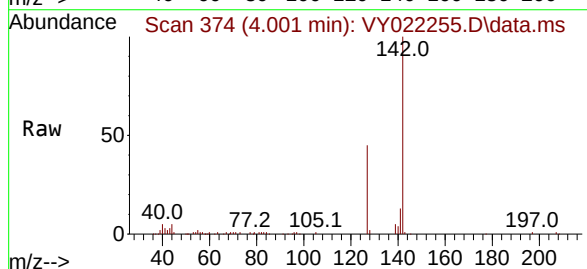
Manual Integrations
APPROVED

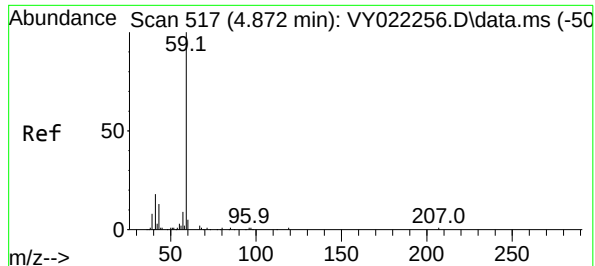
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 19.891 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:142 Resp: 65018
Ion Ratio Lower Upper
142 100
127 45.5 35.7 53.5
141 14.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 89.565 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 1958

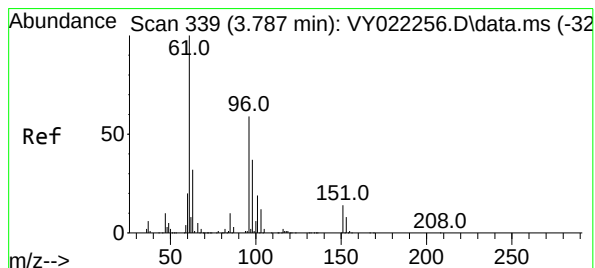
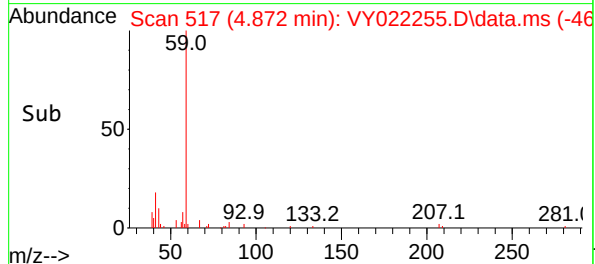
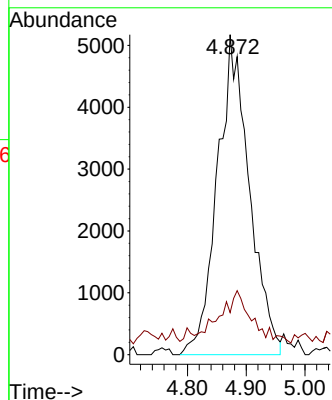
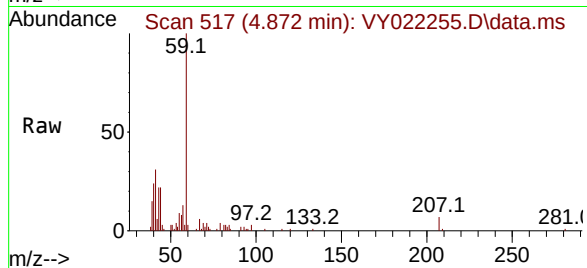
Ion Ratio Lower Upper

59 100

57 16.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#12

1,1-Dichloroethene

Concen: 20.206 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

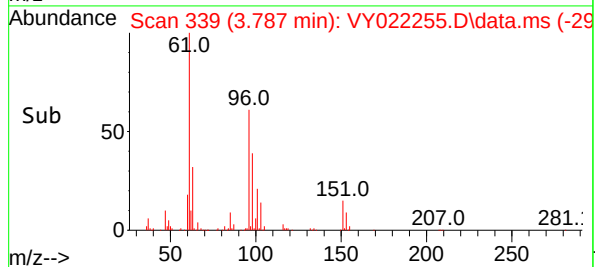
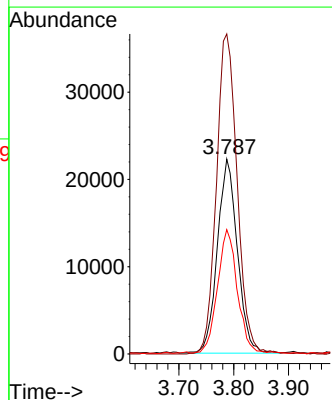
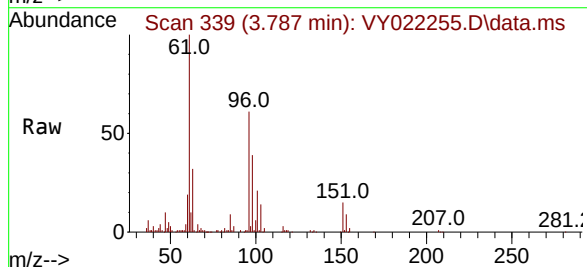
Tgt Ion: 96 Resp: 56630

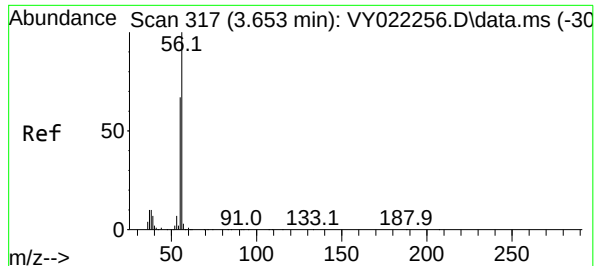
Ion Ratio Lower Upper

96 100

61 164.8 134.9 202.3

98 63.5 49.9 74.9





#13

Acrolein

Concen: 94.178 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 30100

Ion Ratio Lower Upper

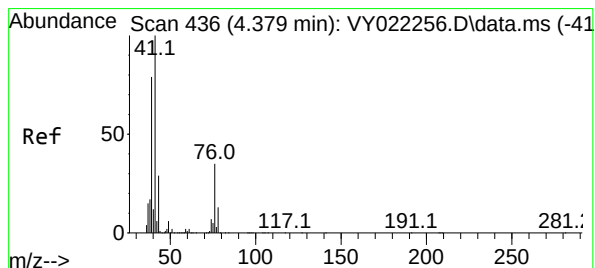
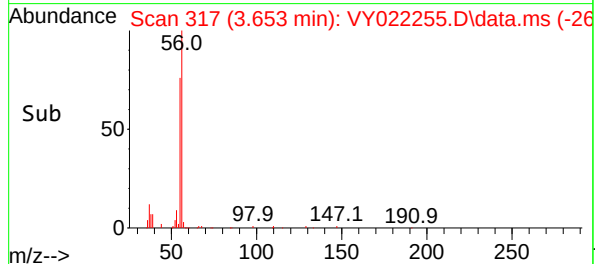
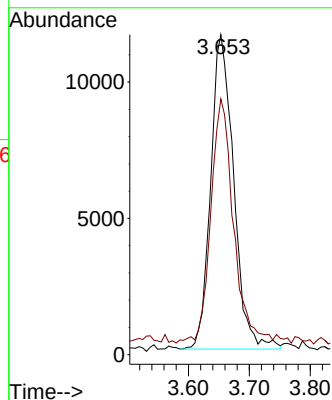
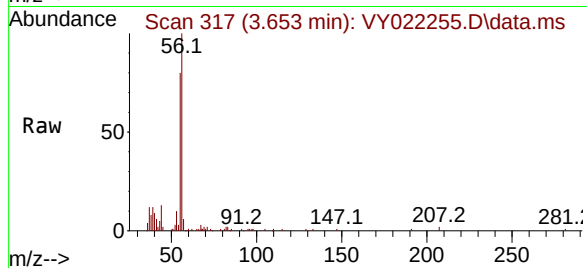
56 100

55 76.6 55.6 83.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#14

Allyl chloride

Concen: 20.244 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

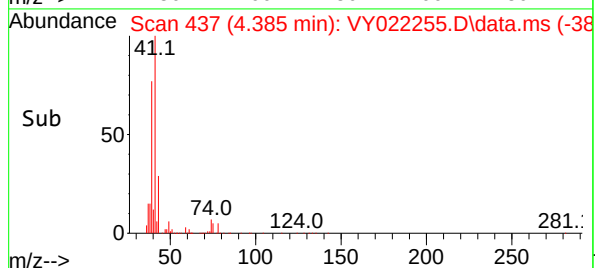
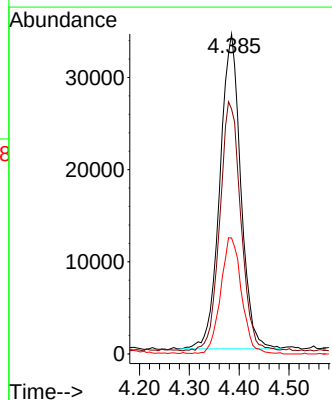
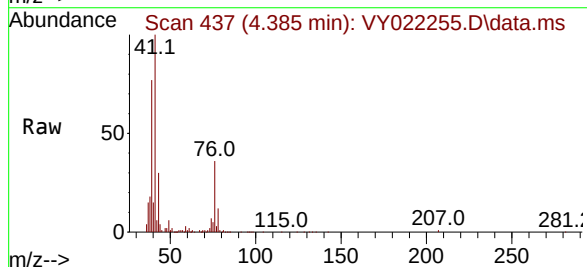
Tgt Ion: 41 Resp: 99483

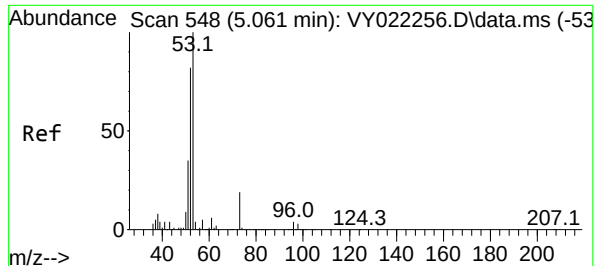
Ion Ratio Lower Upper

41 100

39 79.7 63.4 95.0

76 37.1 29.5 44.3





#15

Acrylonitrile

Concen: 93.456 ug/l

RT: 5.061 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

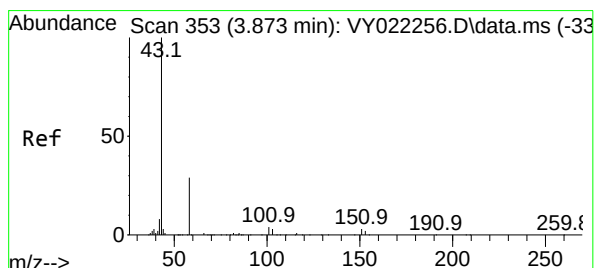
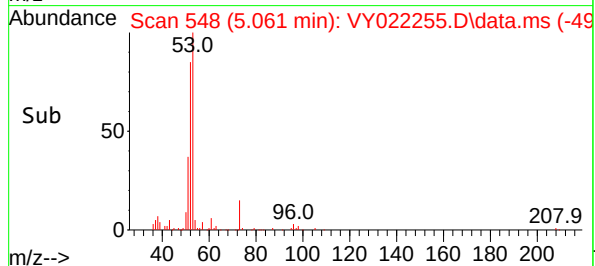
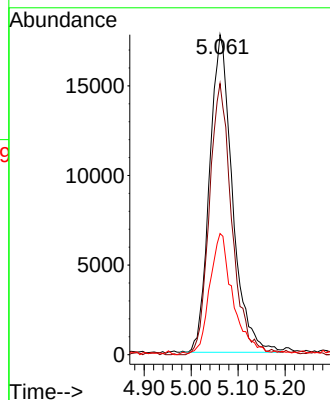
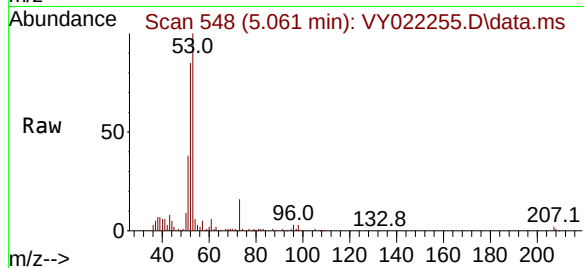
VSTDIC020

Tgt Ion: 53	Resp: 60119
Ion Ratio	Lower Upper
53	100
52	83.1 66.1 99.1
51	37.6 30.0 45.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#16

Acetone

Concen: 93.491 ug/l

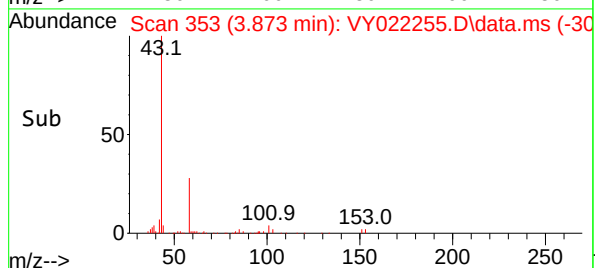
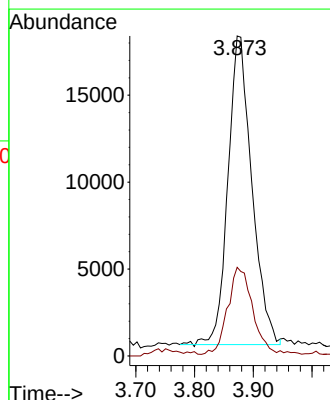
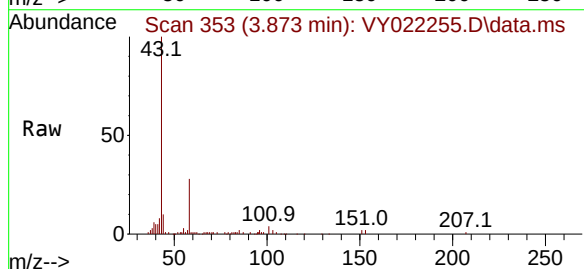
RT: 3.873 min Scan# 353

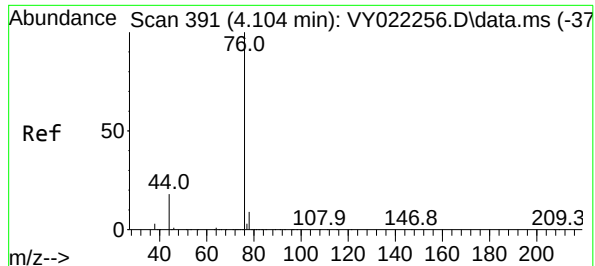
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion: 43	Resp: 50198
Ion Ratio	Lower Upper
43	100
58	27.5 23.6 35.4





#17

Carbon Disulfide

Concen: 20.228 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 184860

Ion Ratio Lower Upper

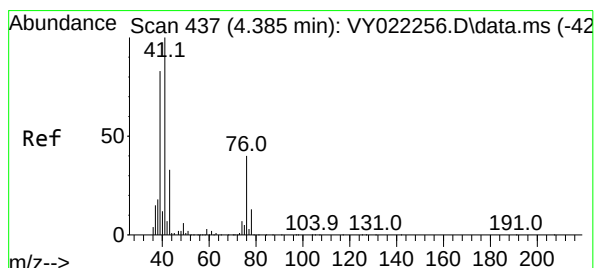
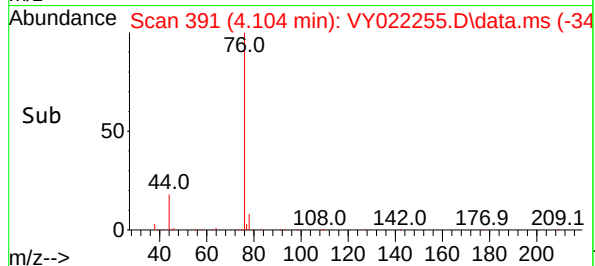
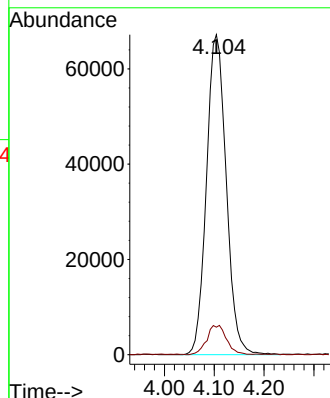
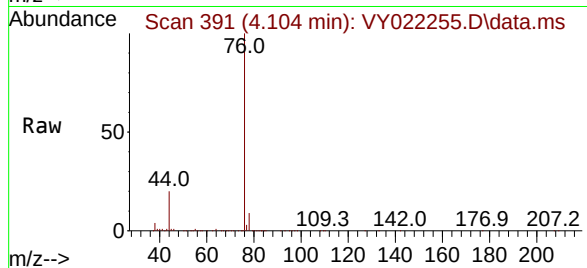
76 100

78 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18

Methyl Acetate

Concen: 18.344 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY022255.D

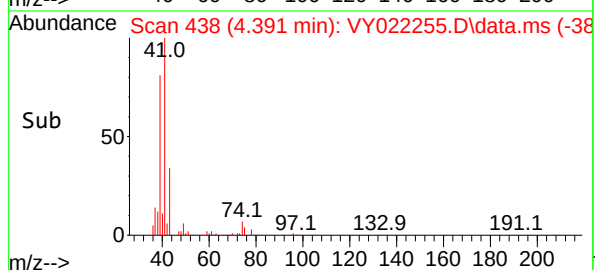
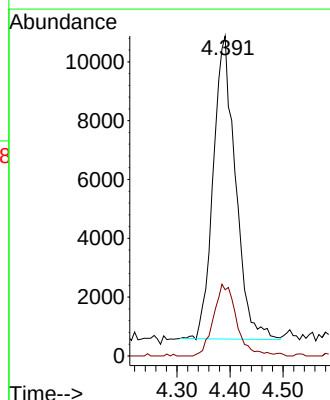
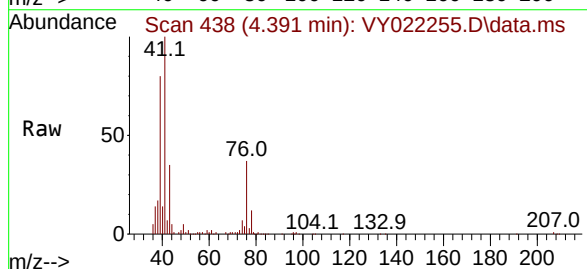
Acq: 15 May 2025 10:39

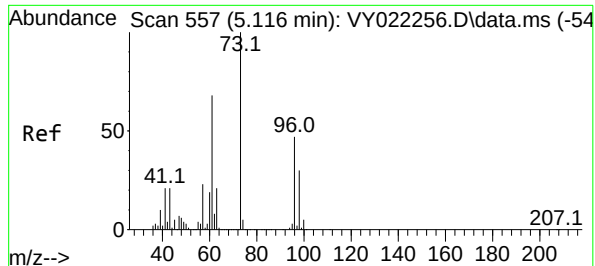
Tgt Ion: 43 Resp: 29969

Ion Ratio Lower Upper

43 100

74 24.6 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 18.890 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 145970

Ion Ratio Lower Upper

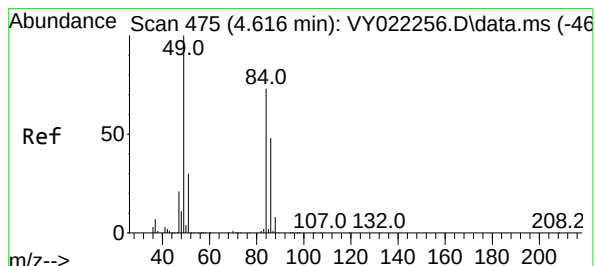
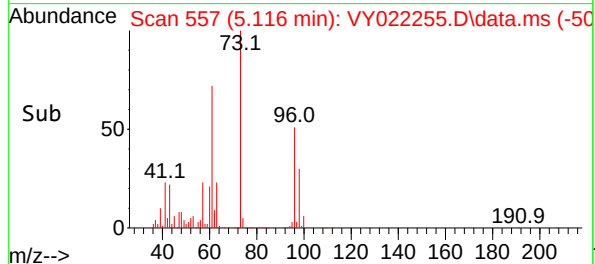
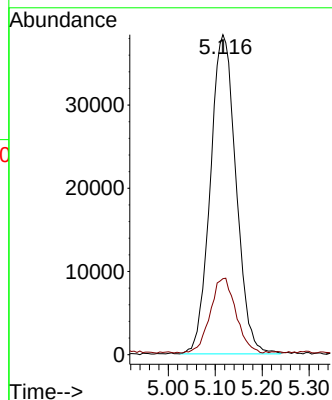
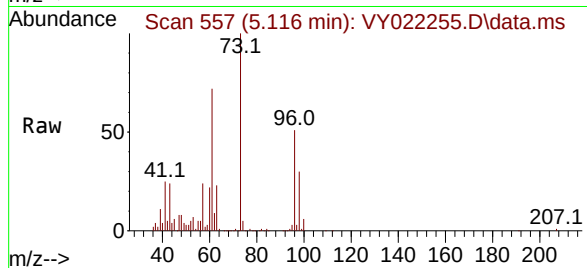
73 100

57 23.2 18.6 28.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20

Methylene Chloride

Concen: 19.510 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion: 84 Resp: 67687

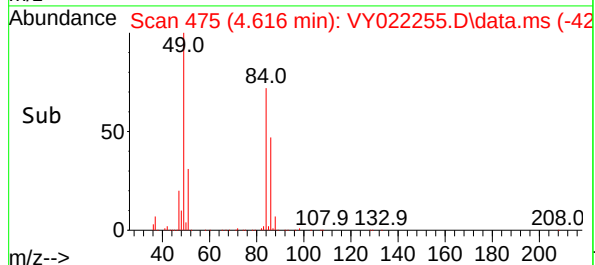
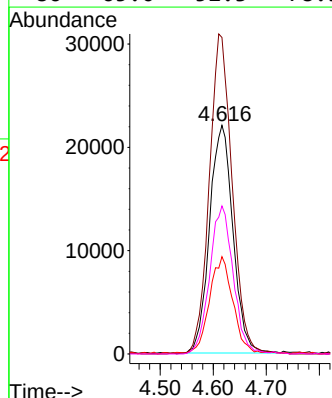
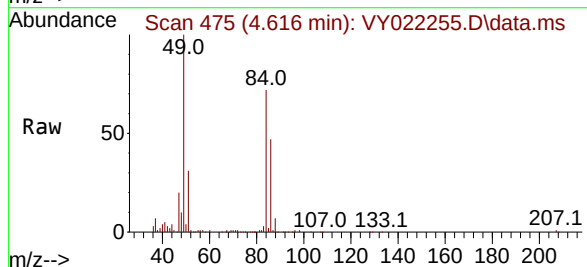
Ion Ratio Lower Upper

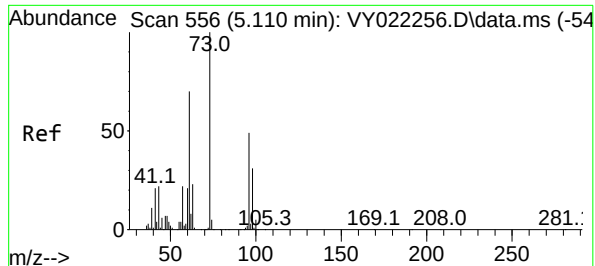
84 100

49 138.7 109.6 164.4

51 42.3 32.4 48.6

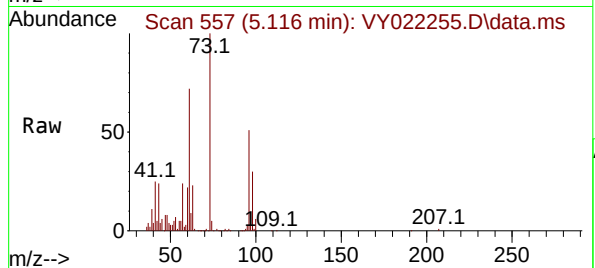
86 65.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.422 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

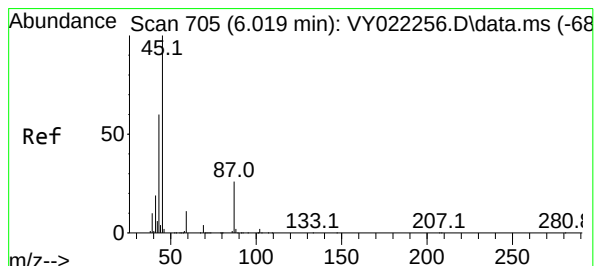
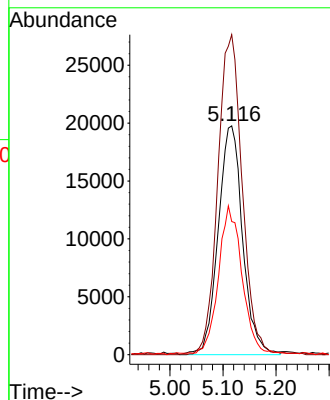
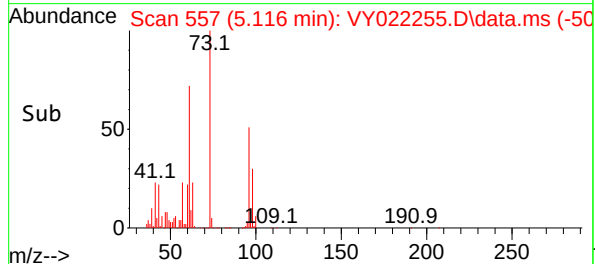
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 63174
Ion Ratio Lower Upper
96 100
61 139.8 113.4 170.0
98 57.5 50.9 76.3

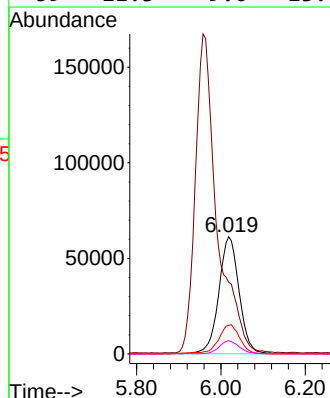
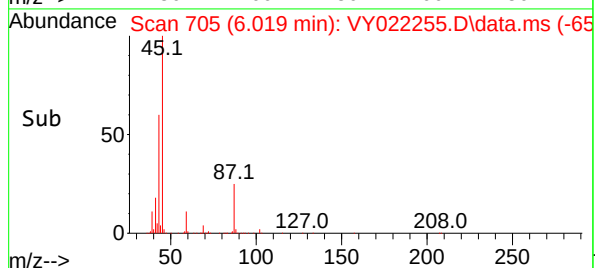
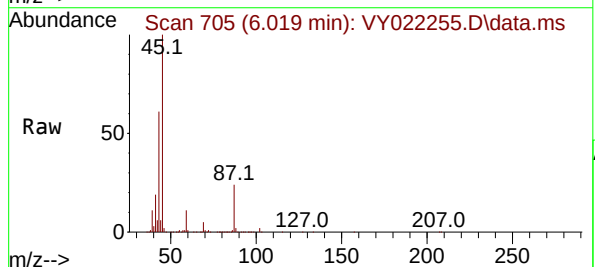
Manual Integrations
APPROVED

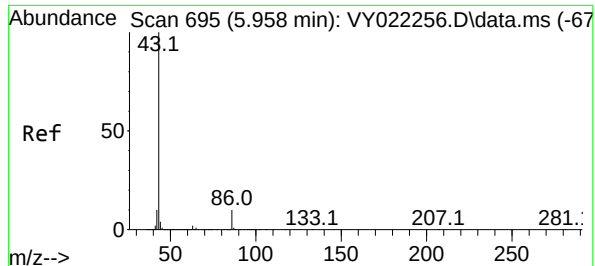
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 19.558 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 45 Resp: 202960
Ion Ratio Lower Upper
45 100
43 59.9 48.2 72.2
87 24.5 21.4 32.0
59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 94.748 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 594019

Ion Ratio Lower Upper

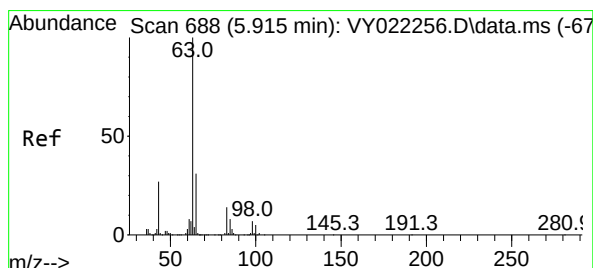
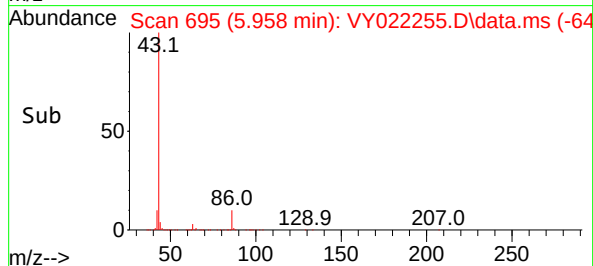
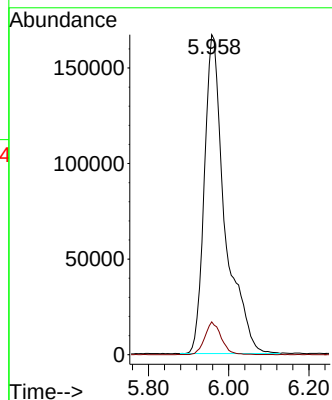
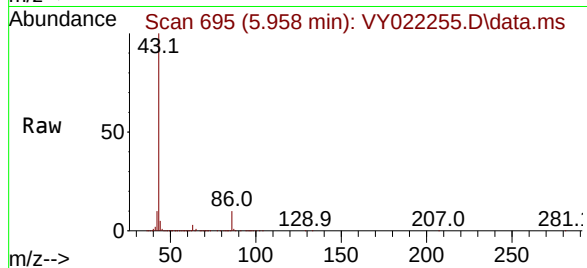
43 100

86 10.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#24

1,1-Dichloroethane

Concen: 19.873 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

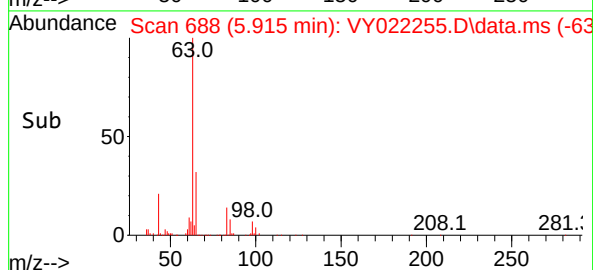
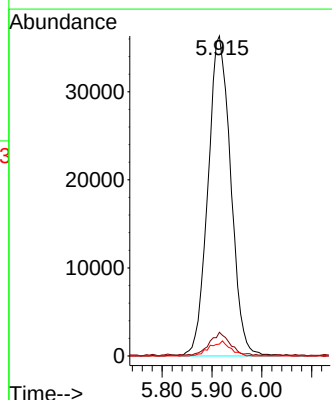
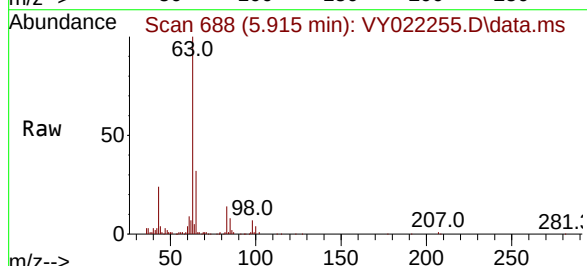
Tgt Ion: 63 Resp: 115217

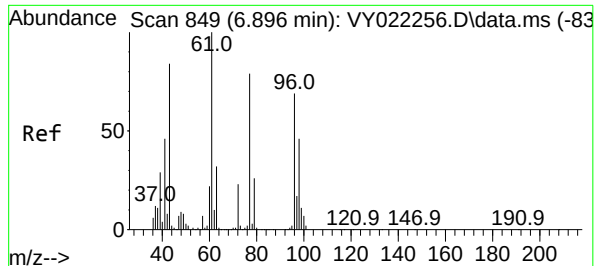
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 3.7 2.4 7.2





#25

2-Butanone

Concen: 92.157 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 82768

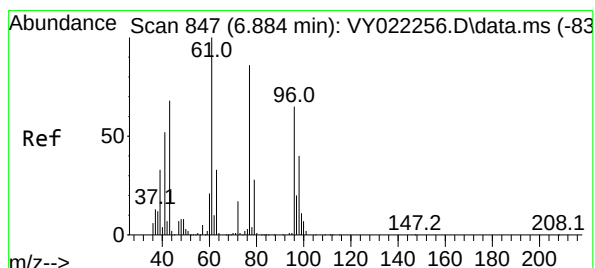
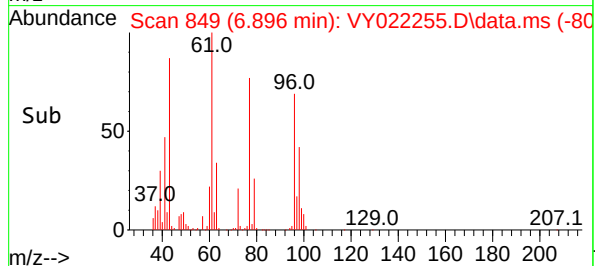
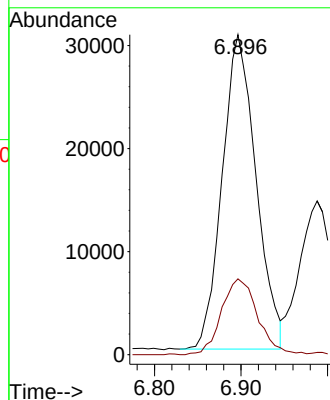
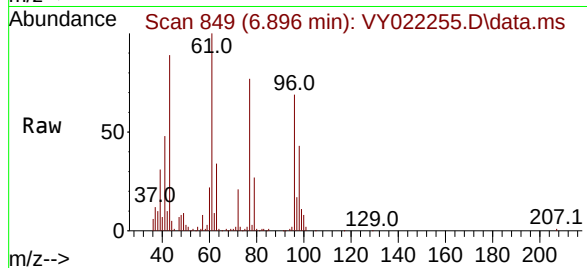
Ion Ratio Lower Upper

43 100

72 24.1 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#26

2,2-Dichloropropane

Concen: 19.727 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022255.D

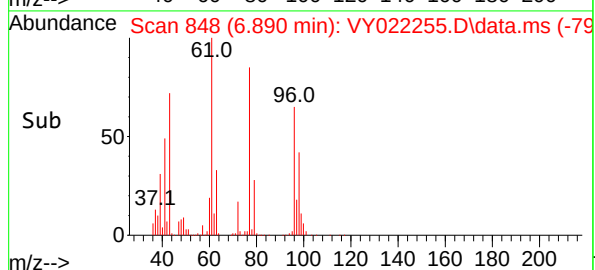
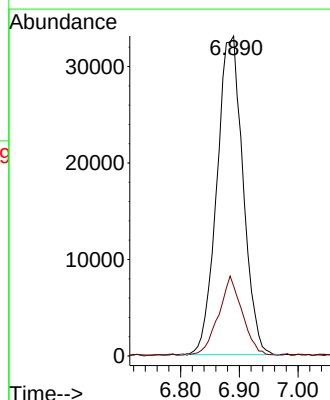
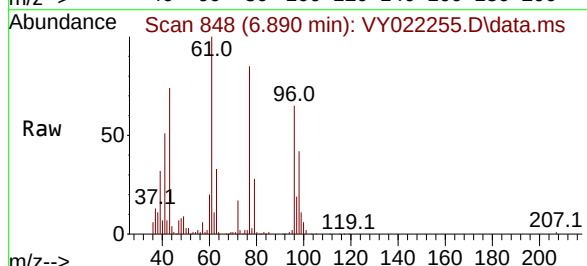
Acq: 15 May 2025 10:39

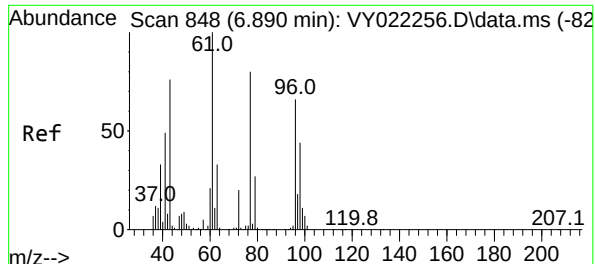
Tgt Ion: 77 Resp: 101725

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.611 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 7000

Ion Ratio Lower Upper

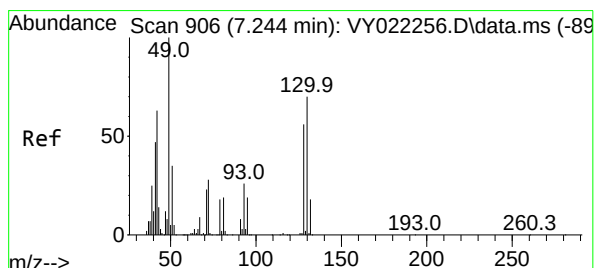
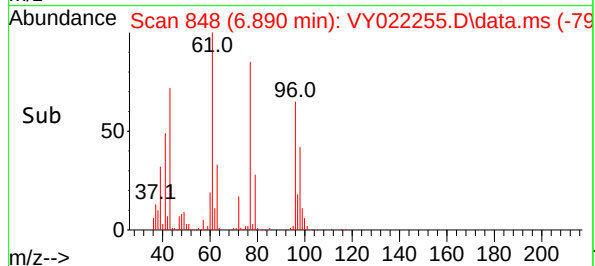
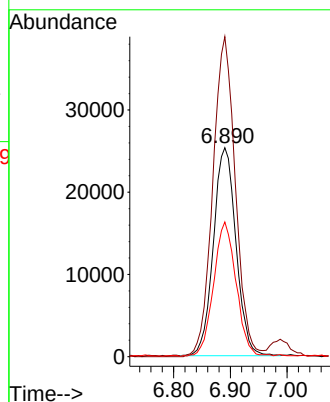
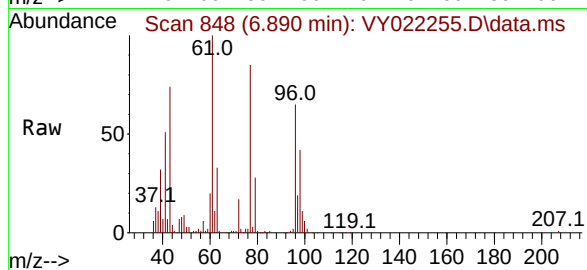
96 100

61 153.9 0.0 302.6

98 64.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#28

Bromochloromethane

Concen: 19.787 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

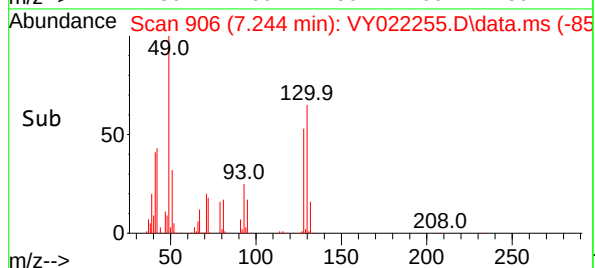
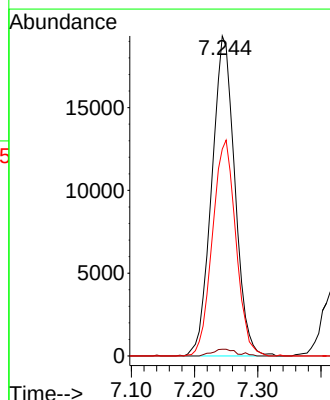
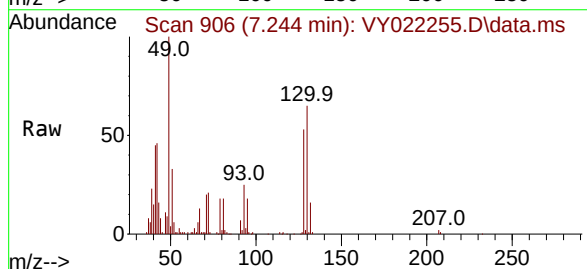
Tgt Ion: 49 Resp: 48933

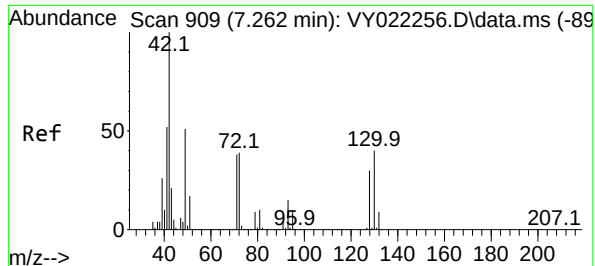
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 92.122 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

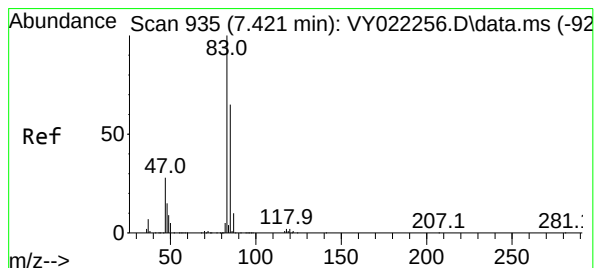
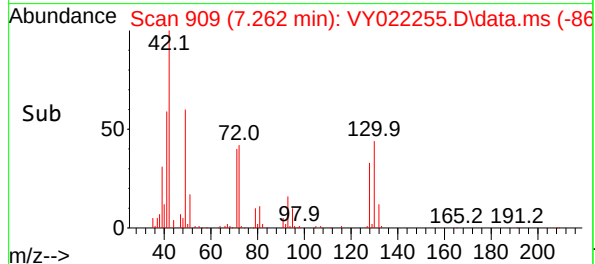
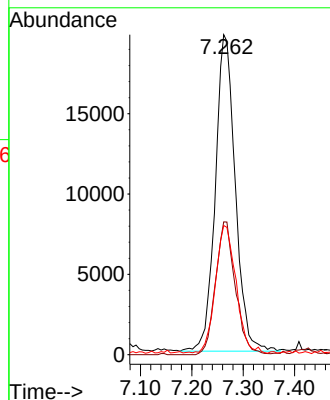
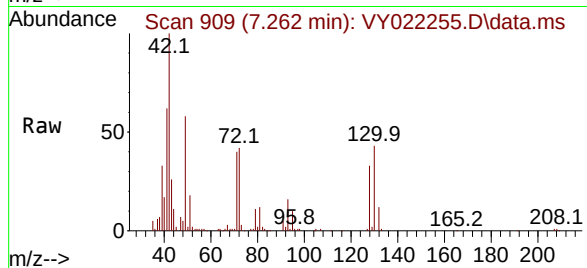
VSTDIC020

Tgt Ion:	42	Resp:	53229
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.8	50.6
71	41.5	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 20.107 ug/l

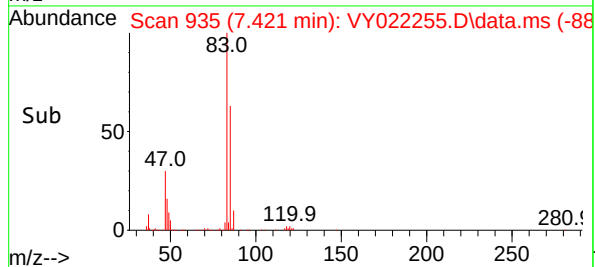
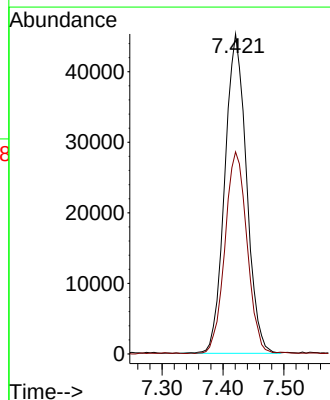
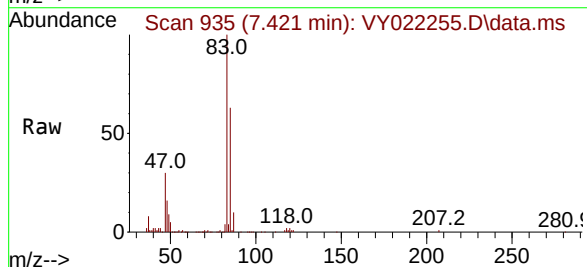
RT: 7.421 min Scan# 935

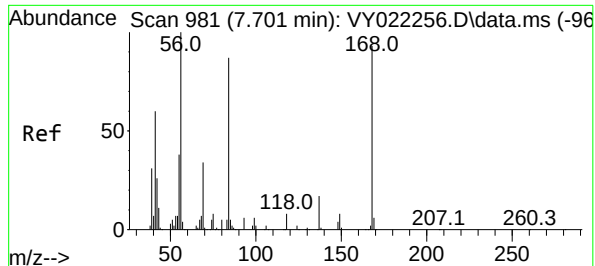
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:	83	Resp:	111815
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8





#31

Cyclohexane

Concen: 19.486 ug/l

RT: 7.695 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 112870

Ion Ratio Lower Upper

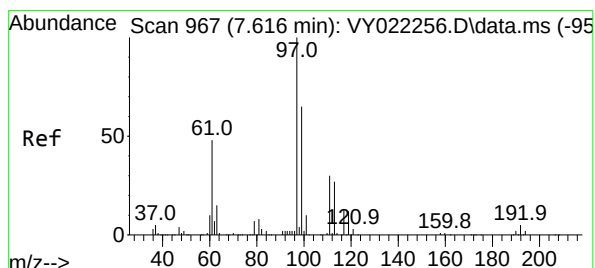
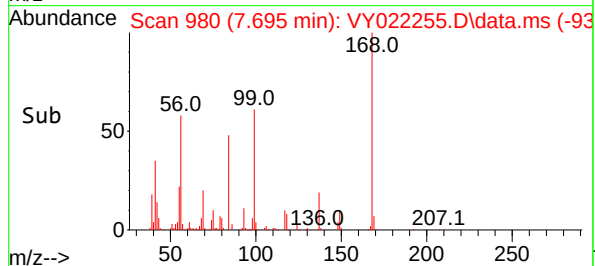
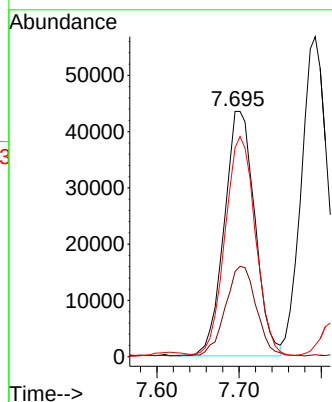
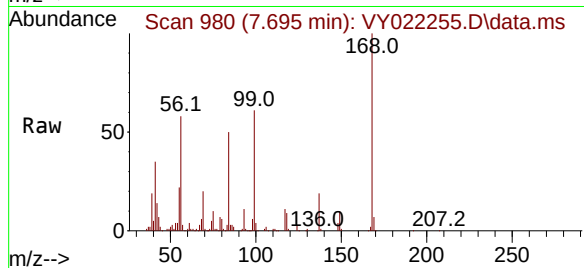
56 100

69 34.2 27.4 41.2

84 84.0 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#32

1,1,1-Trichloroethane

Concen: 19.721 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

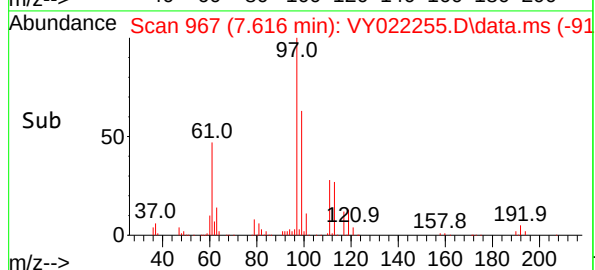
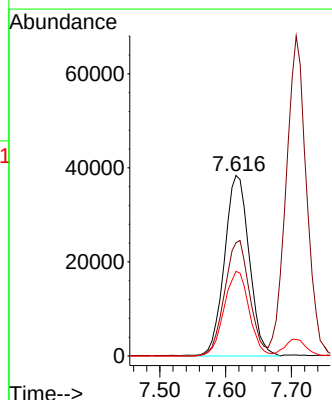
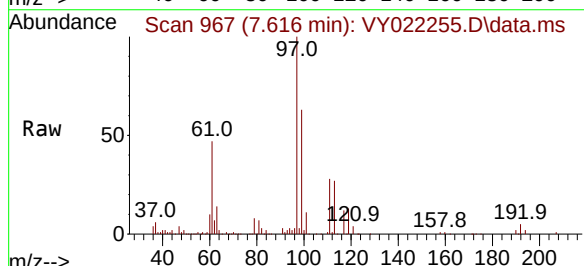
Tgt Ion: 97 Resp: 100618

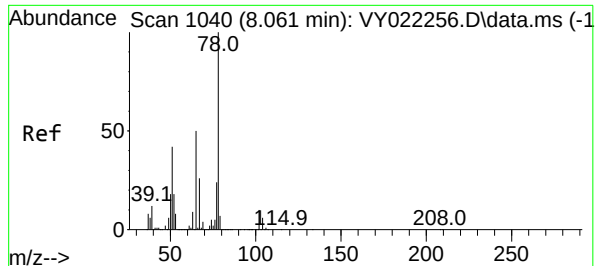
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 47.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 19.284 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 5522

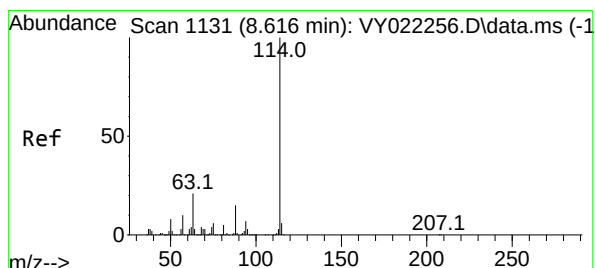
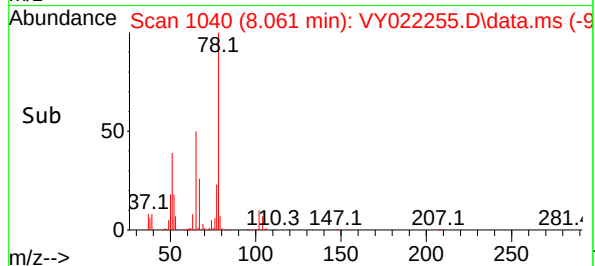
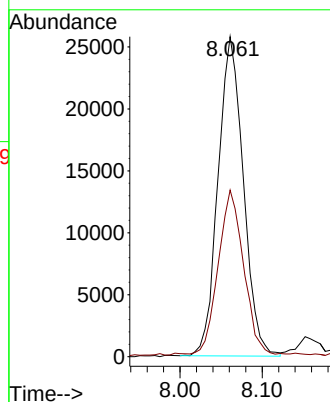
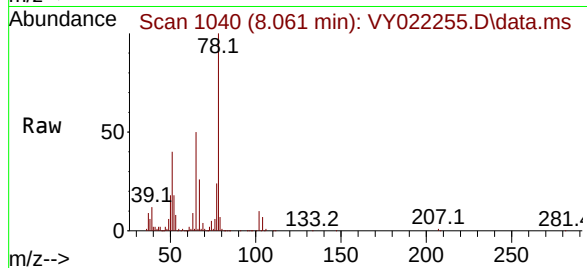
Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

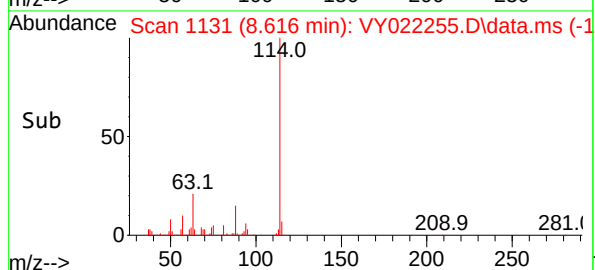
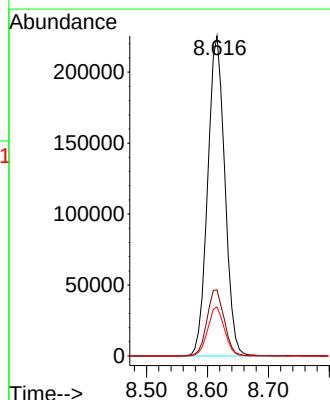
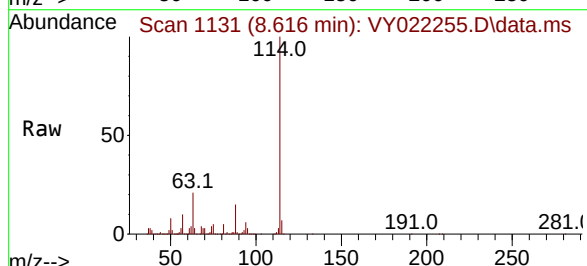
Tgt Ion:114 Resp: 439816

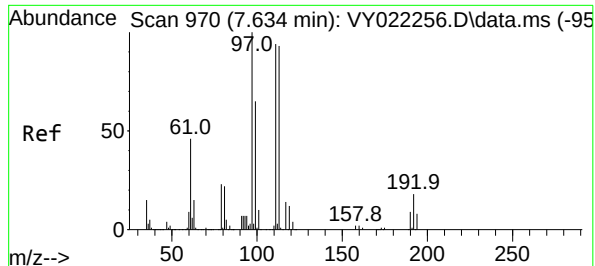
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 19.683 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 51670

Ion Ratio Lower Upper

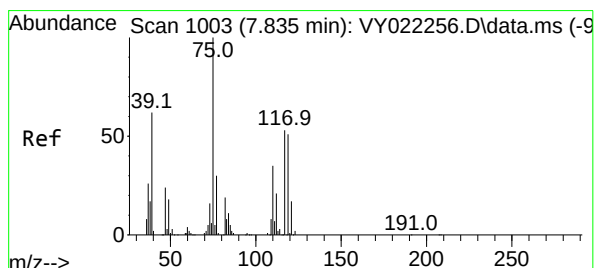
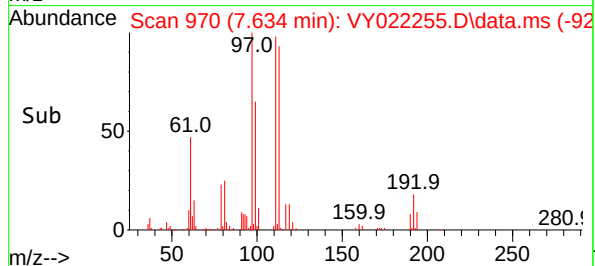
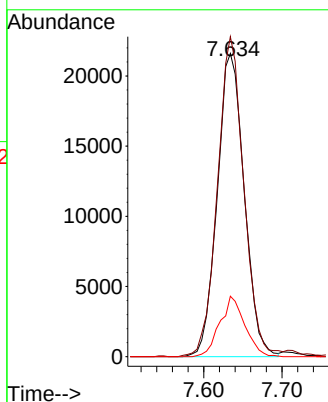
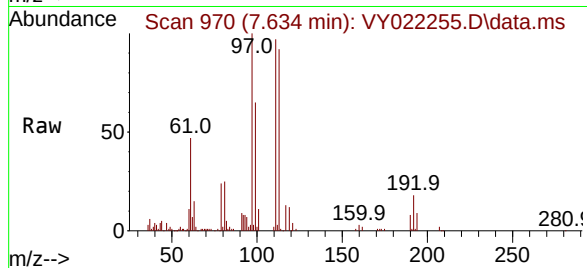
113 100

111 103.2 82.6 123.8

192 18.5 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#36

1,1-Dichloropropene

Concen: 19.841 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

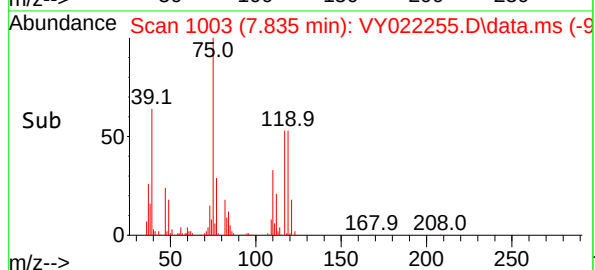
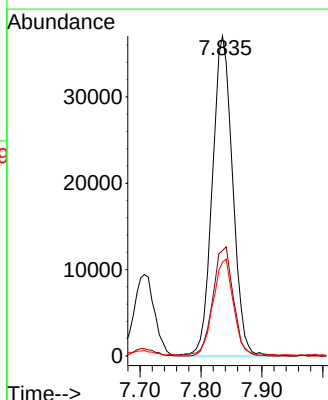
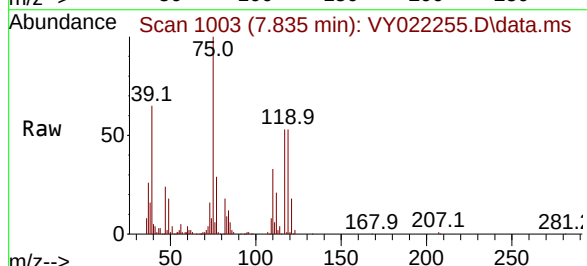
Tgt Ion: 75 Resp: 85789

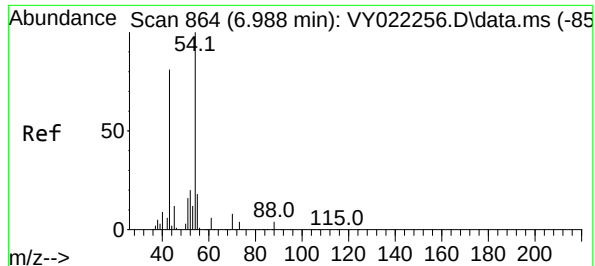
Ion Ratio Lower Upper

75 100

110 34.2 16.6 49.8

77 30.2 24.6 37.0





#37

Ethyl Acetate

Concen: 18.497 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 3848

Ion Ratio Lower Upper

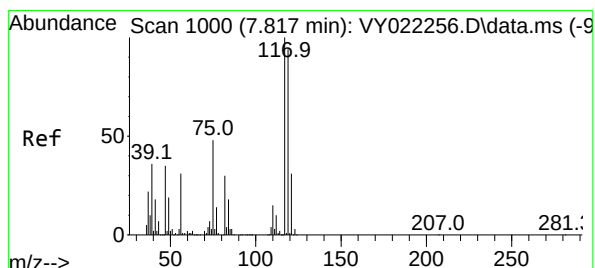
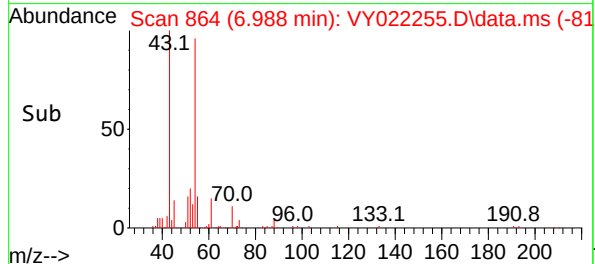
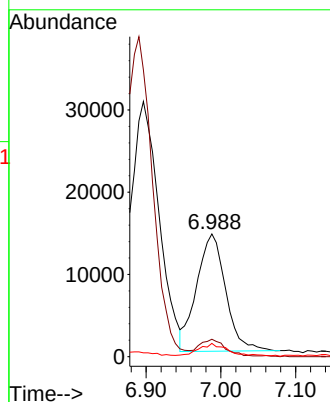
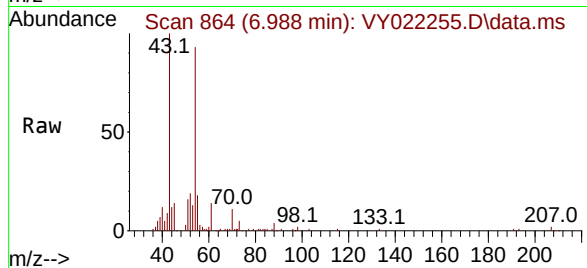
43 100

61 12.6 10.2 15.2

70 9.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#38

Carbon Tetrachloride

Concen: 19.410 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

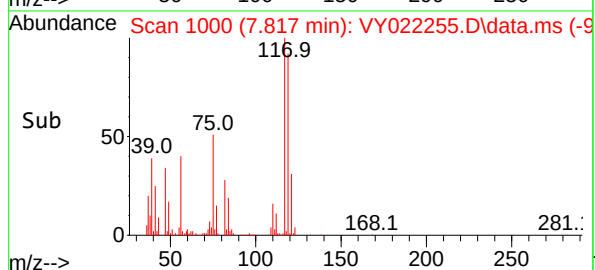
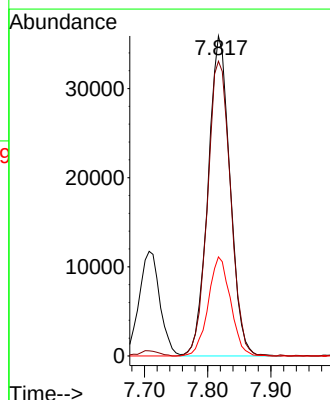
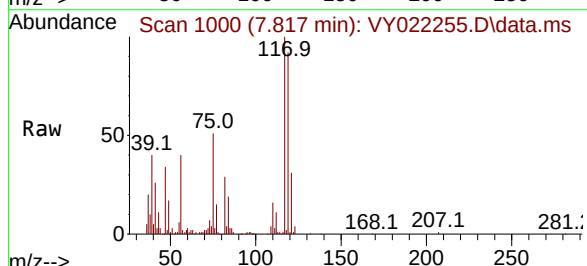
Tgt Ion:117 Resp: 86871

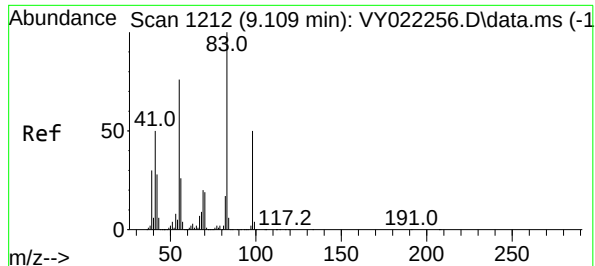
Ion Ratio Lower Upper

117 100

119 91.9 75.3 112.9

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 19.540 ug/l

RT: 9.109 min Scan# 11351

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 11351

Ion Ratio Lower Upper

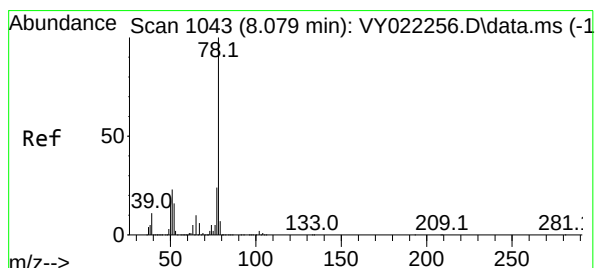
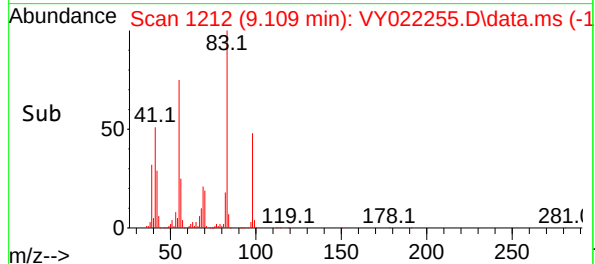
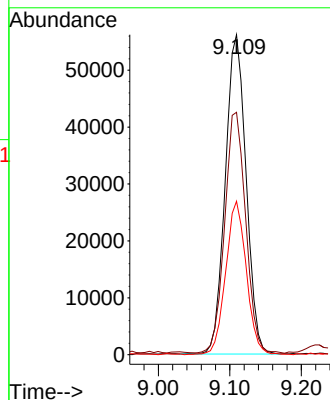
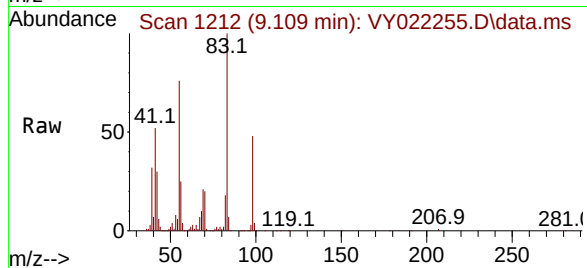
83 100

55 75.2 60.6 90.8

98 47.9 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#40

Benzene

Concen: 19.700 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022255.D

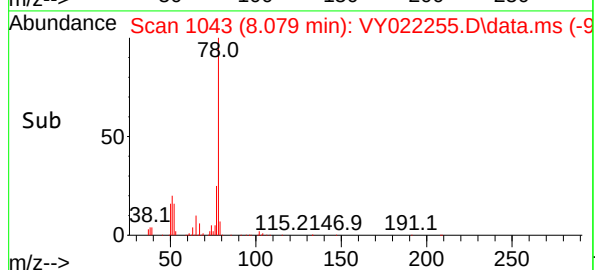
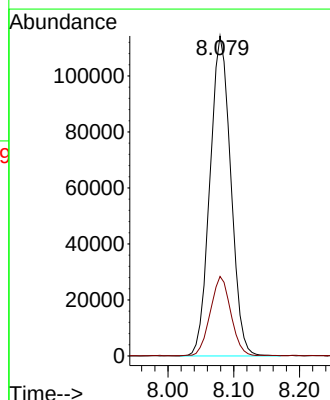
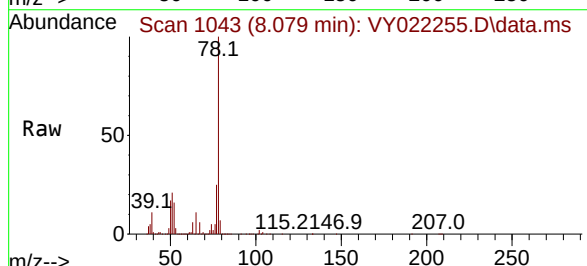
Acq: 15 May 2025 10:39

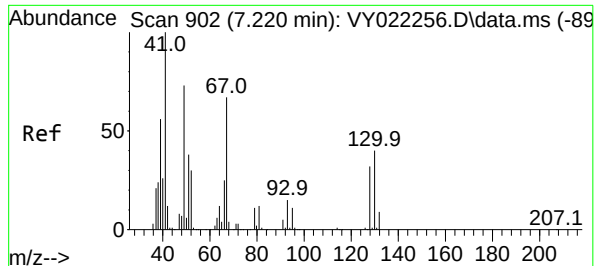
Tgt Ion: 78 Resp: 252507

Ion Ratio Lower Upper

78 100

77 24.8 18.9 28.3





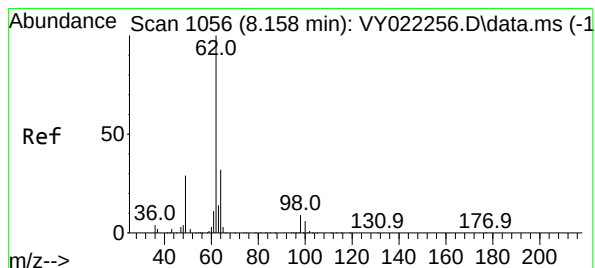
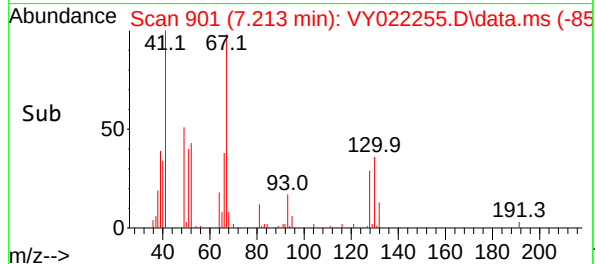
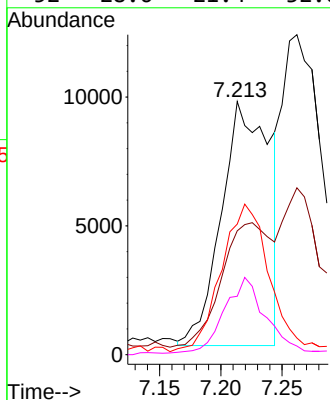
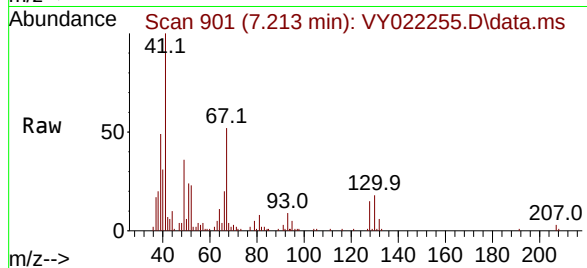
#41
Methacrylonitrile
Concen: 17.085 ug/l m
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 26008
Ion Ratio Lower Upper
41 100
39 53.1 39.1 58.7
67 60.9 47.1 70.7
52 28.6 21.4 32.0

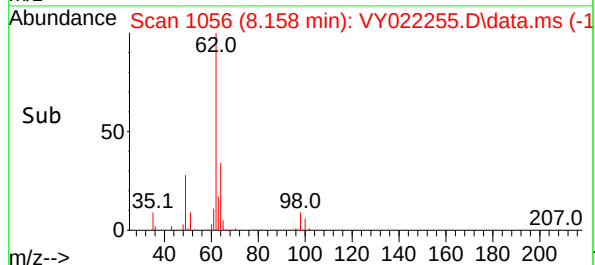
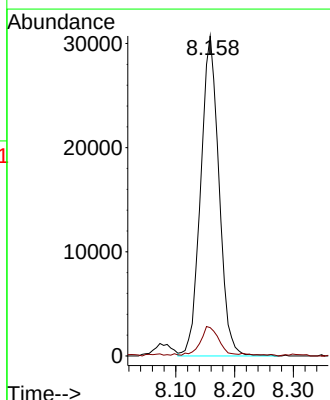
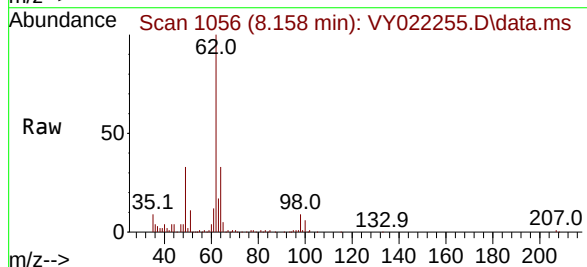
Manual Integrations
APPROVED

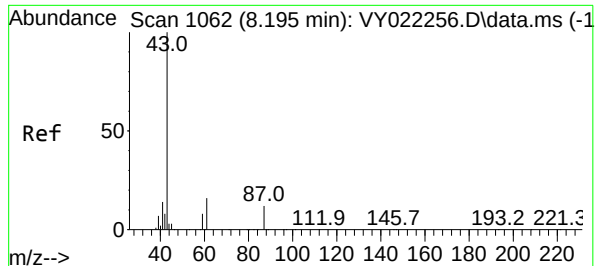
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 19.192 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 62 Resp: 66525
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.4





#43

Isopropyl Acetate

Concen: 18.631 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 8453

Ion Ratio Lower Upper

43 100

61 17.1 15.1 22.7

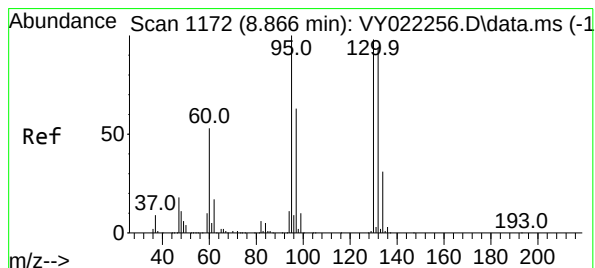
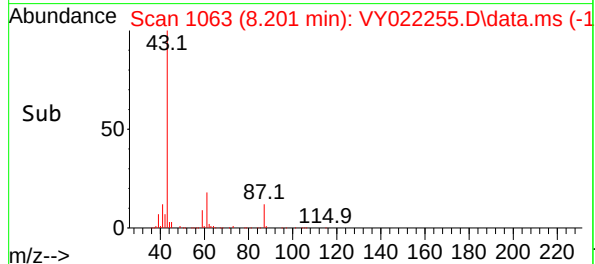
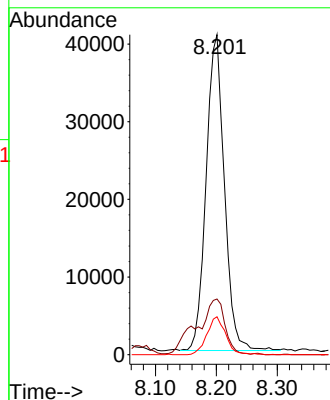
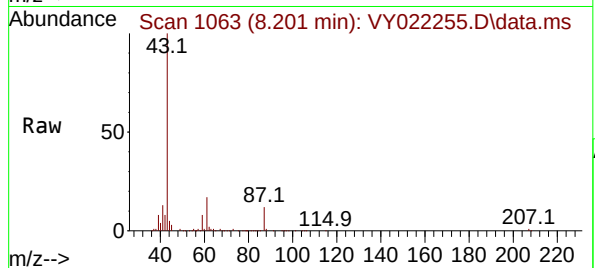
87 12.3 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#44

Trichloroethene

Concen: 19.904 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022255.D

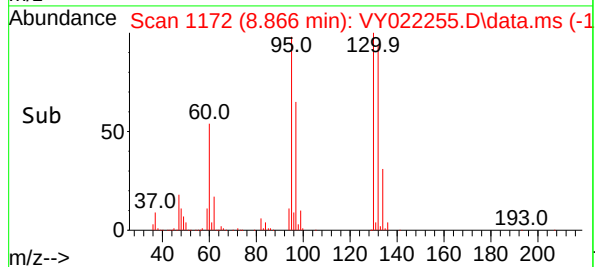
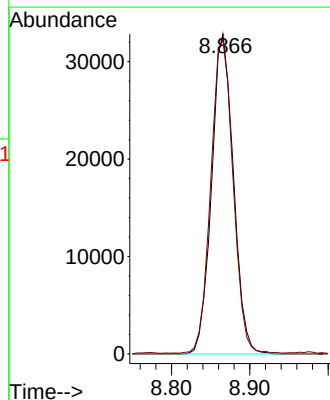
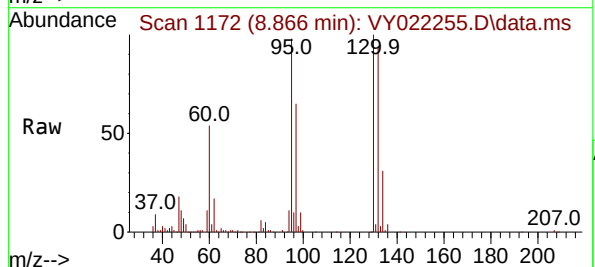
Acq: 15 May 2025 10:39

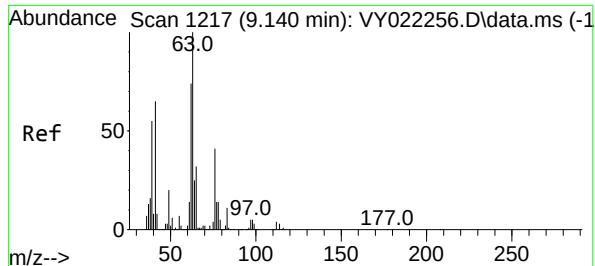
Tgt Ion:130 Resp: 63438

Ion Ratio Lower Upper

130 100

95 98.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.557 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 60438

Ion Ratio Lower Upper

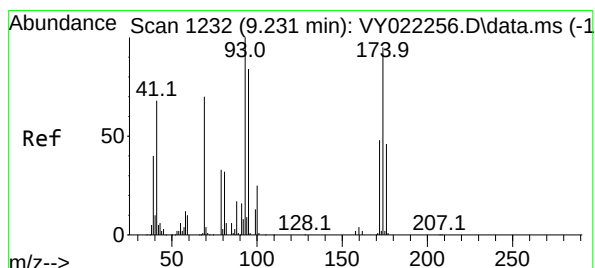
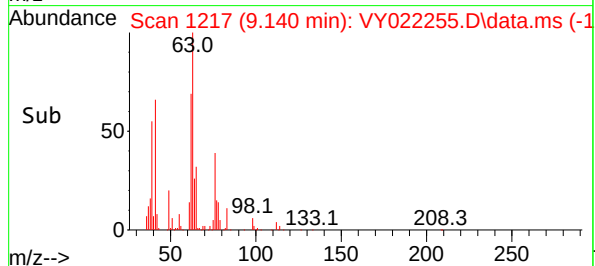
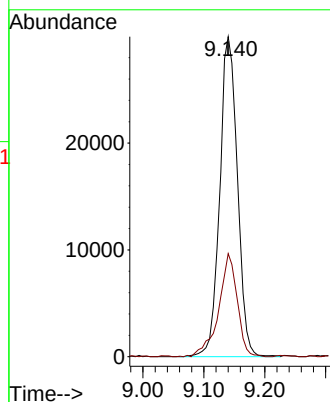
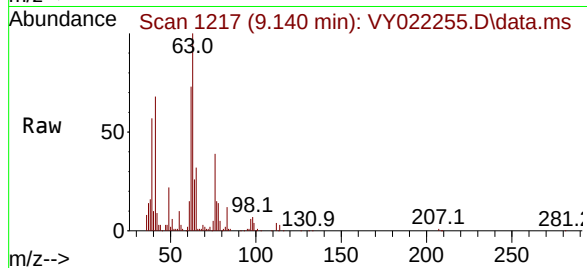
63 100

65 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 19.050 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

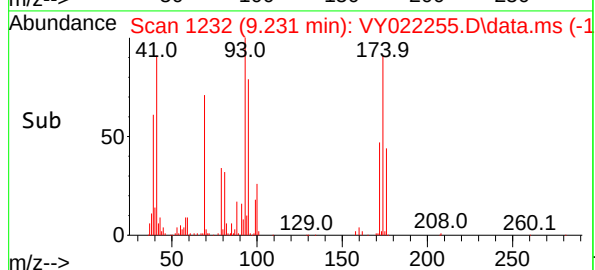
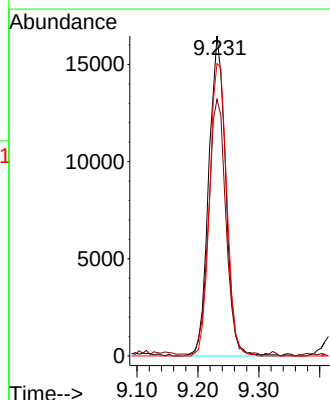
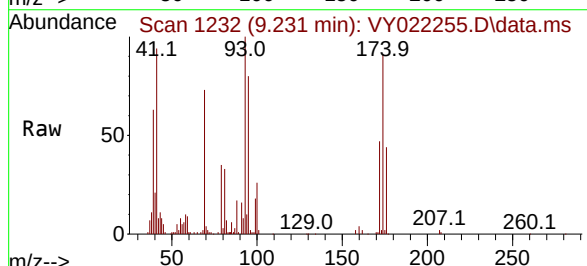
Tgt Ion: 93 Resp: 31752

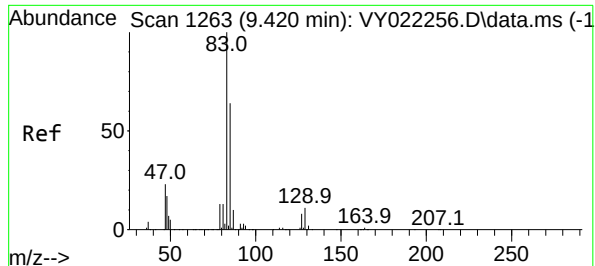
Ion Ratio Lower Upper

93 100

95 82.8 65.2 97.8

174 92.4 74.3 111.5





#47

Bromodichloromethane

Concen: 19.385 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

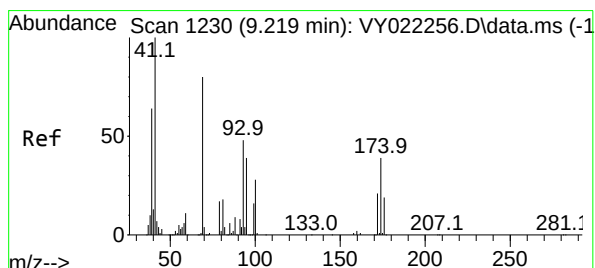
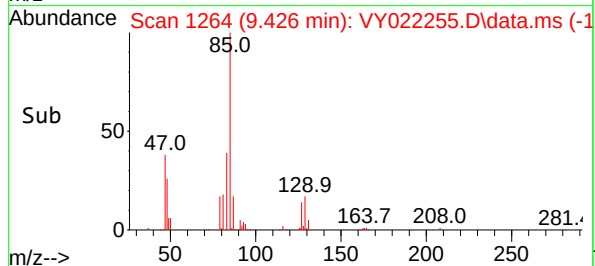
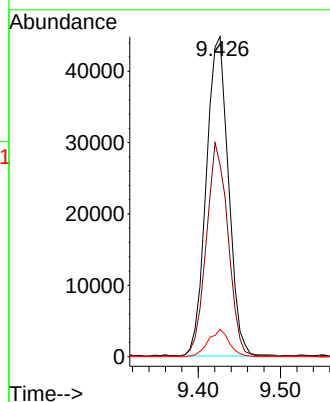
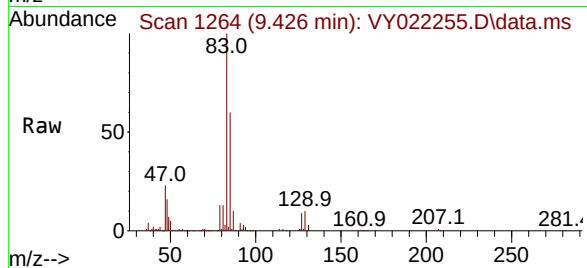
VSTDIC020

Tgt Ion:	83	Resp:	8382
Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.1	76.7
127	8.5	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48

Methyl methacrylate

Concen: 18.563 ug/l

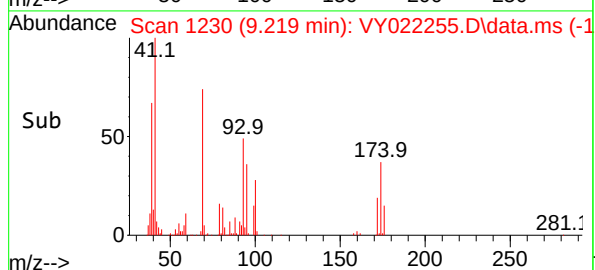
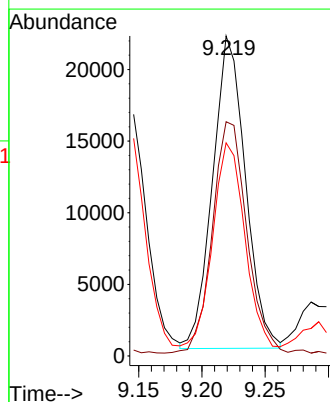
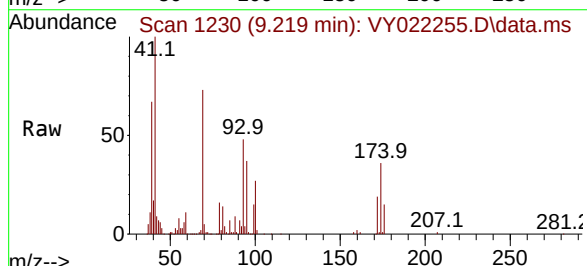
RT: 9.219 min Scan# 1230

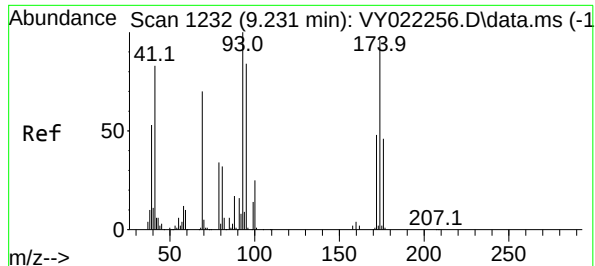
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:	41	Resp:	39387
Ion	Ratio	Lower	Upper
41	100		
69	77.5	63.5	95.3
39	63.4	50.8	76.2





#49

1,4-Dioxane

Concen: 388.323 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 731

Ion Ratio Lower Upper

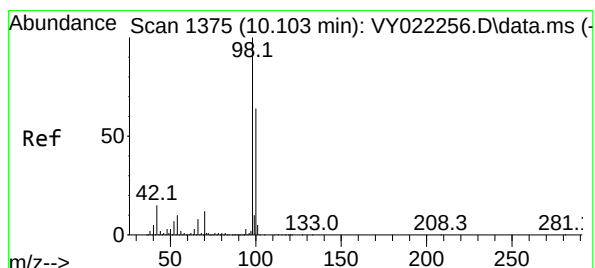
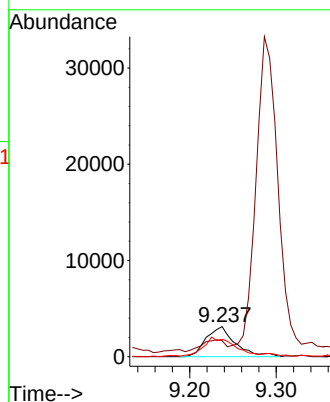
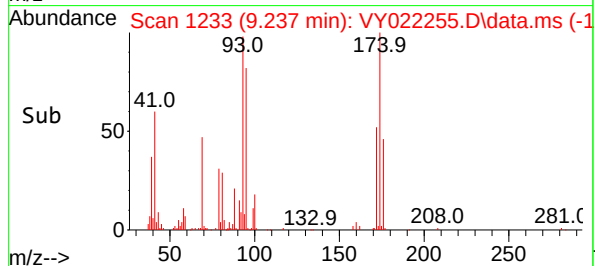
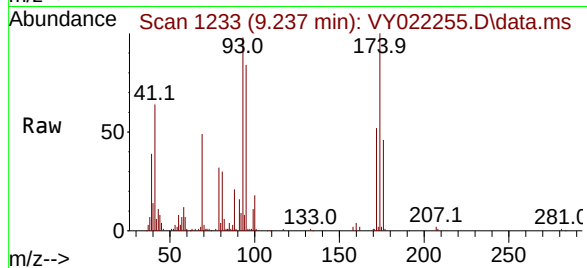
88 100

43 31.6 28.5 42.7

58 71.1 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#50

Toluene-d8

Concen: 19.552 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022255.D

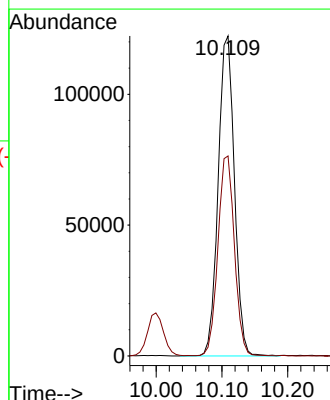
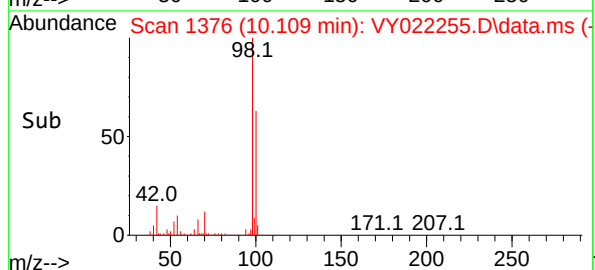
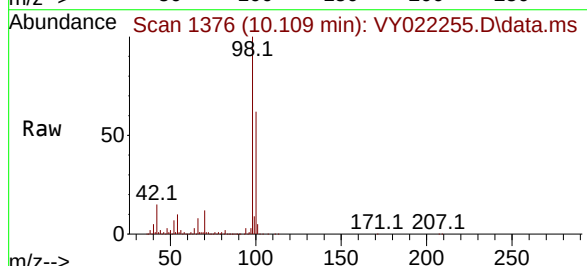
Acq: 15 May 2025 10:39

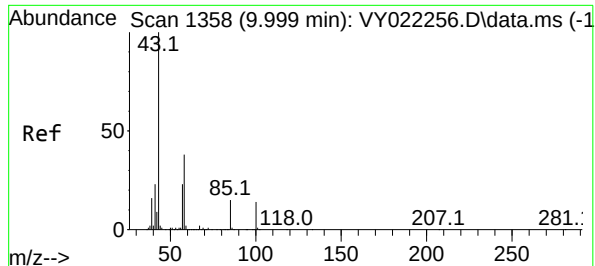
Tgt Ion: 98 Resp: 210206

Ion Ratio Lower Upper

98 100

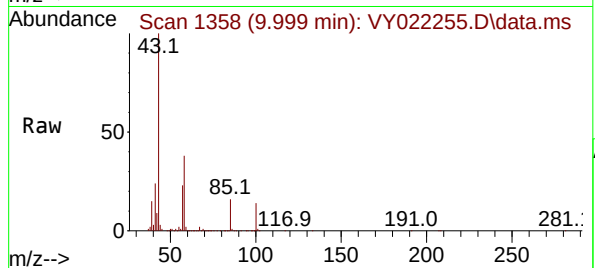
100 63.4 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 90.940 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

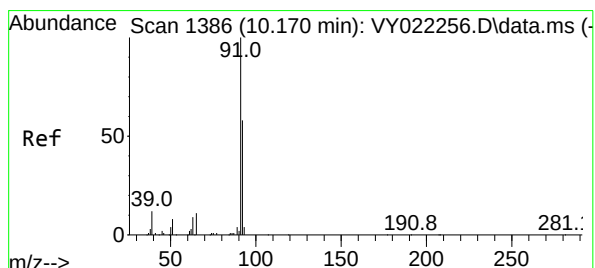
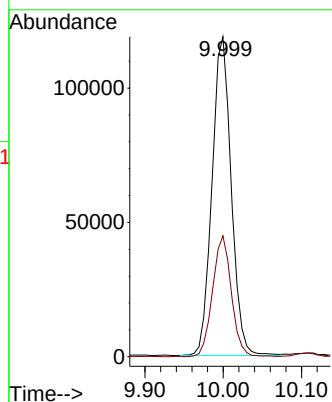
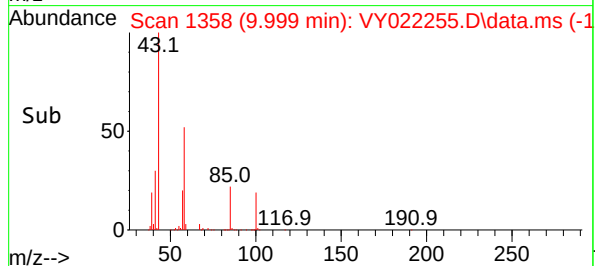
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 202454
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.2

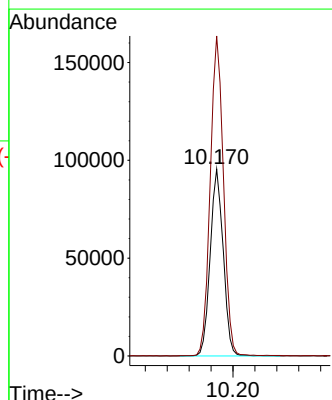
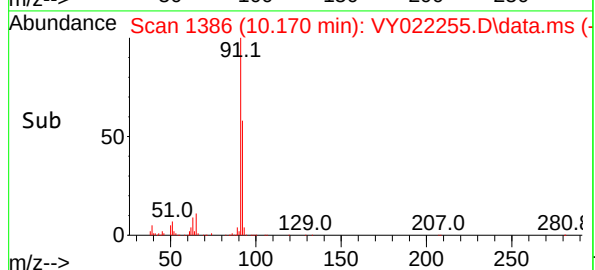
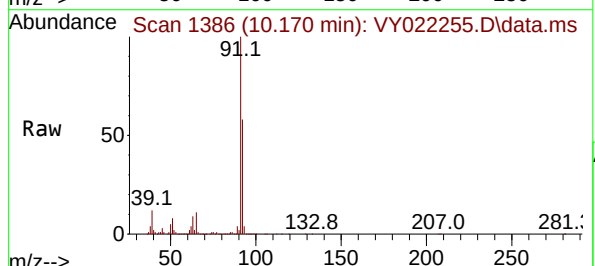
Manual Integrations
APPROVED

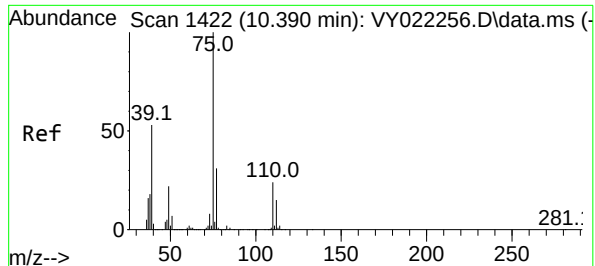
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 19.281 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 92 Resp: 156498
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7





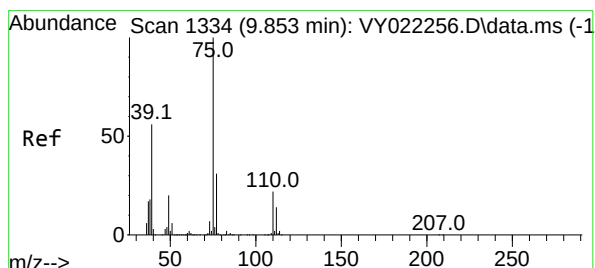
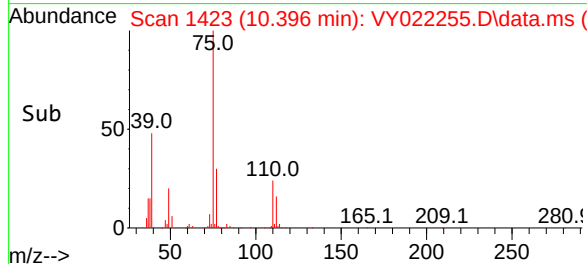
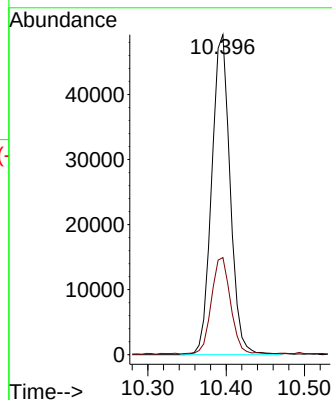
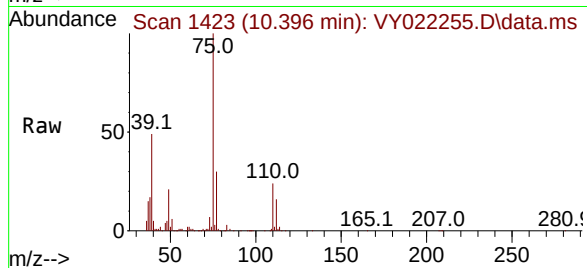
#53
t-1,3-Dichloropropene
Concen: 19.056 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 8041
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6

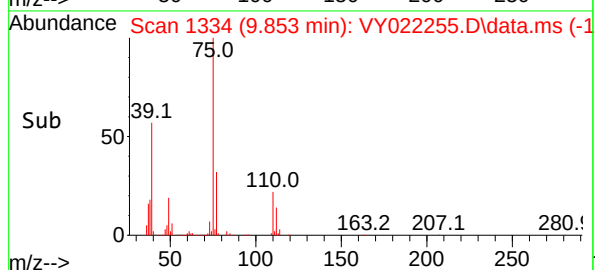
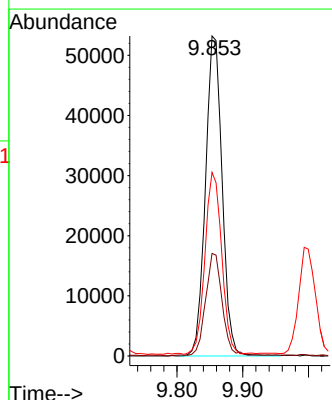
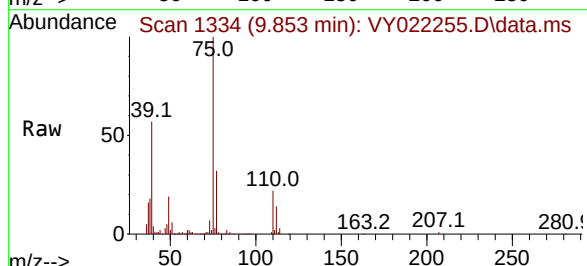
Manual Integrations
APPROVED

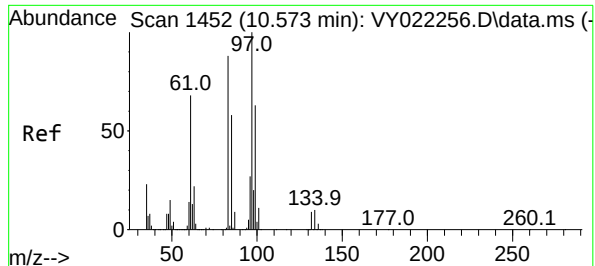
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 19.458 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

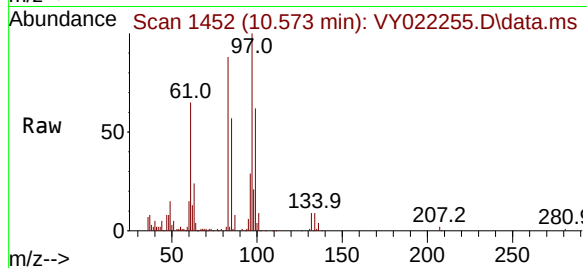
Tgt Ion: 75 Resp: 94074
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 56.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 19.149 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

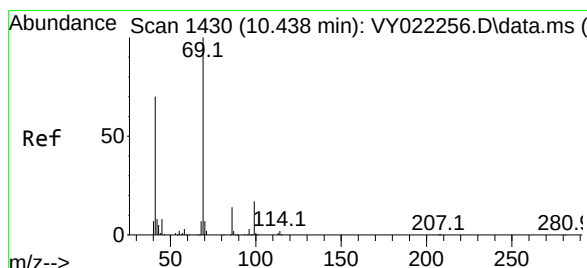
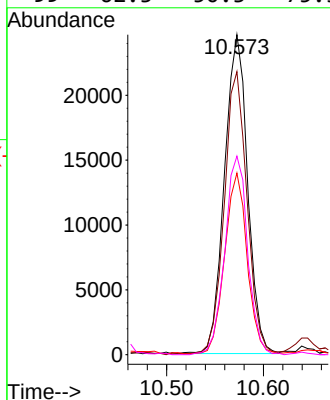
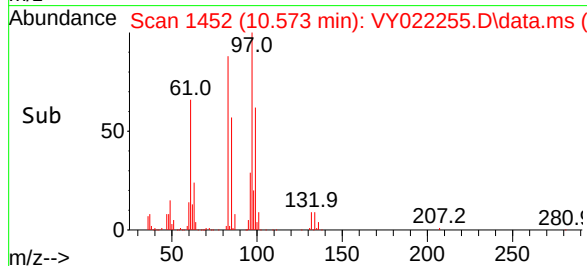
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 40872
Ion Ratio Lower Upper
97 100
83 88.4 70.3 105.5
85 56.5 46.2 69.4
99 62.3 50.3 75.5

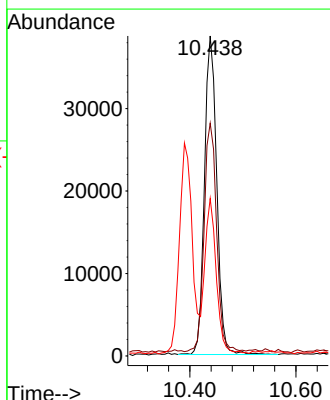
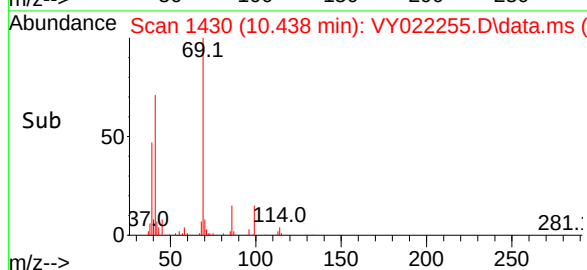
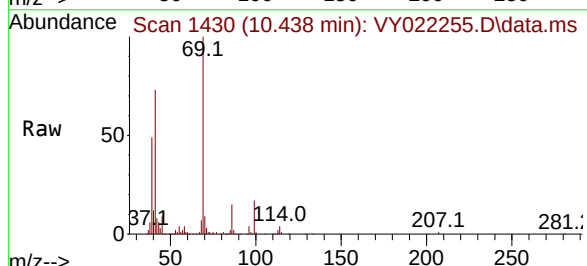
Manual Integrations
APPROVED

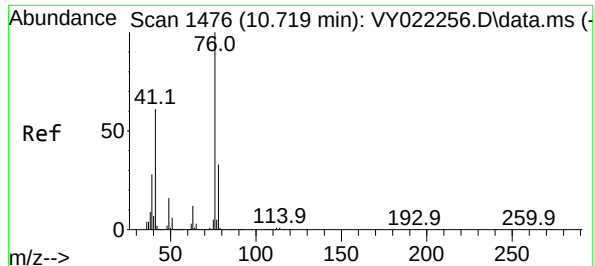
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#56
Ethyl methacrylate
Concen: 18.706 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

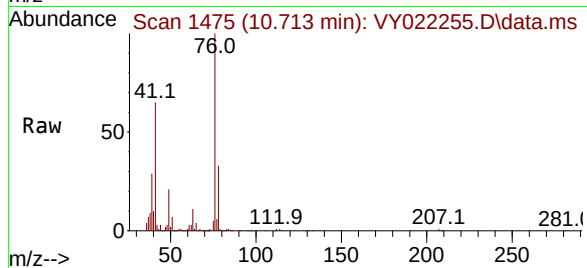
Tgt Ion: 69 Resp: 62193
Ion Ratio Lower Upper
69 100
41 73.0 56.5 84.7
39 44.2 37.1 55.7





#57
1,3-Dichloropropane
Concen: 19.175 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

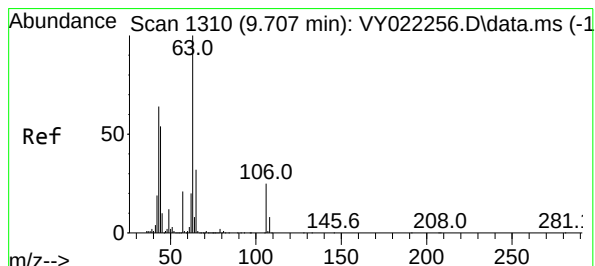
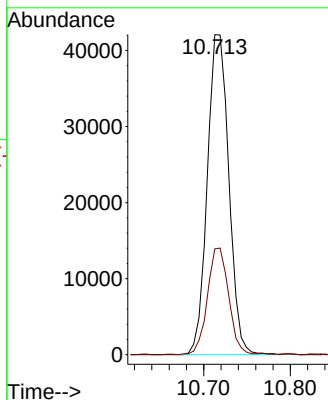
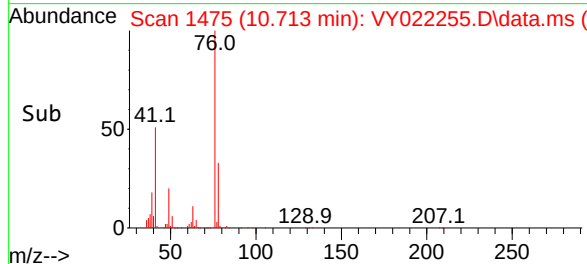
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 72715
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.8

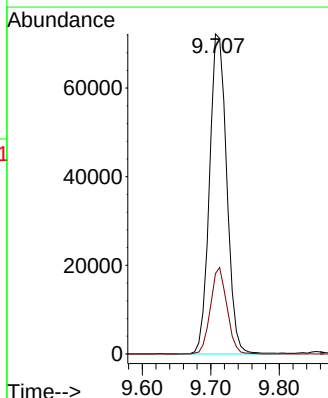
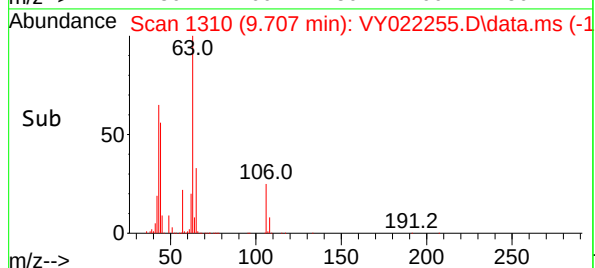
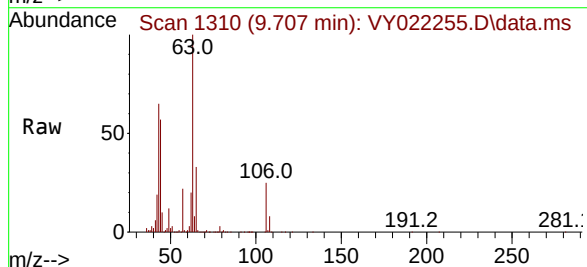
Manual Integrations
APPROVED

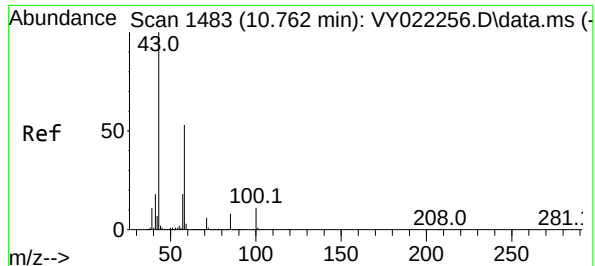
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 84.595 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 63 Resp: 126240
Ion Ratio Lower Upper
63 100
106 25.7 21.0 31.4





#59

2-Hexanone

Concen: 88.766 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 132490

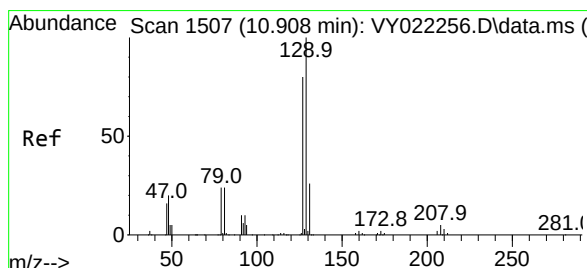
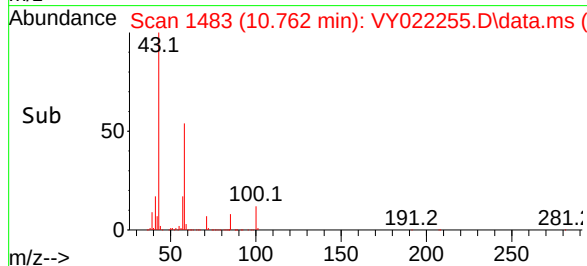
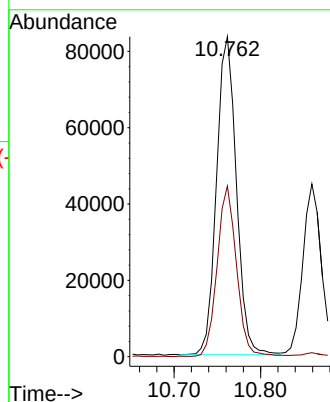
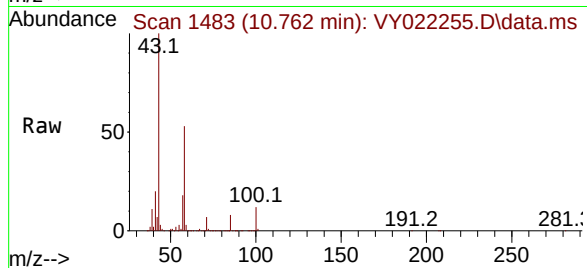
Ion Ratio Lower Upper

43 100

58 52.4 26.1 78.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#60

Dibromochloromethane

Concen: 18.898 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY022255.D

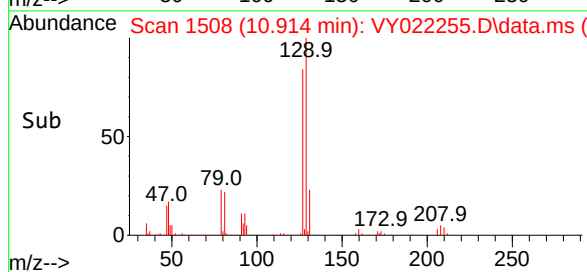
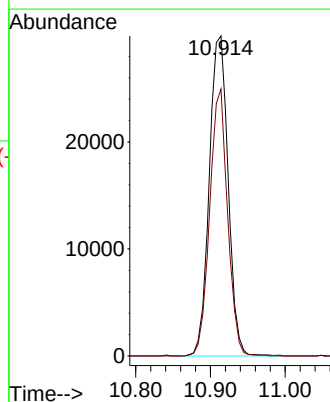
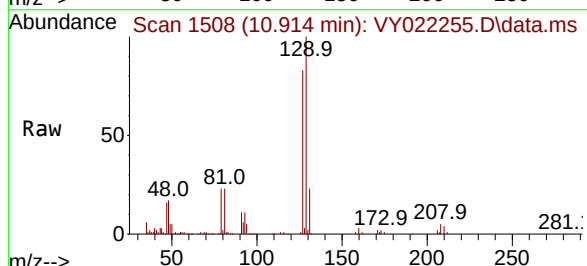
Acq: 15 May 2025 10:39

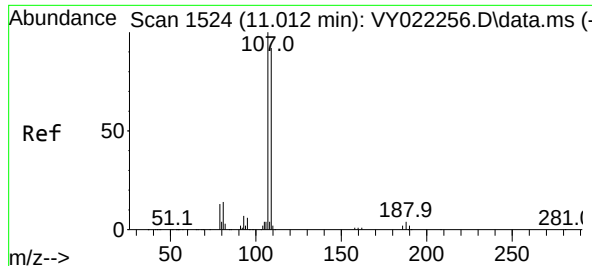
Tgt Ion:129 Resp: 52353

Ion Ratio Lower Upper

129 100

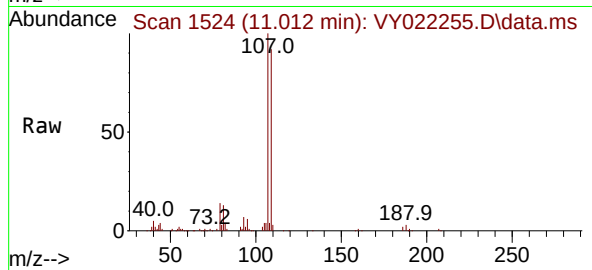
127 79.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.969 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

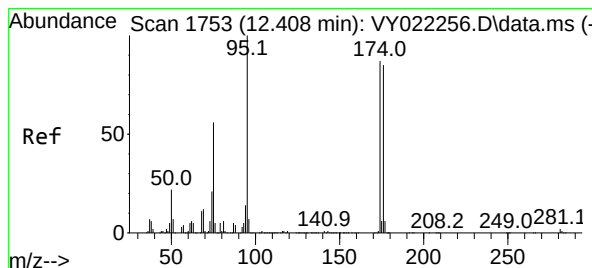
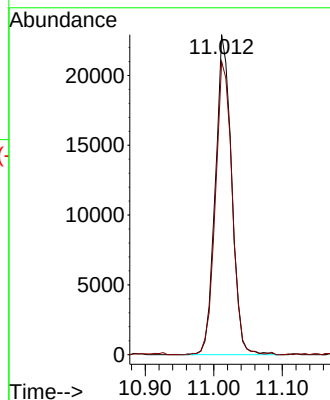
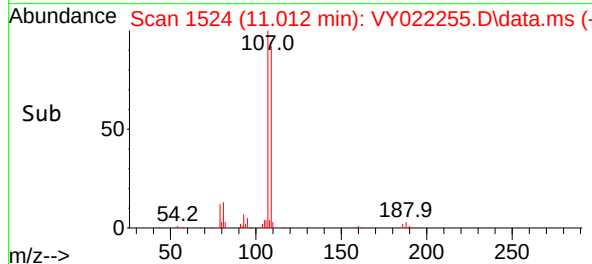
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 107 Resp: 37735
Ion Ratio Lower Upper
107 100
109 94.1 74.6 111.8

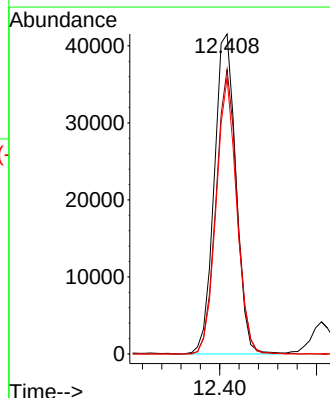
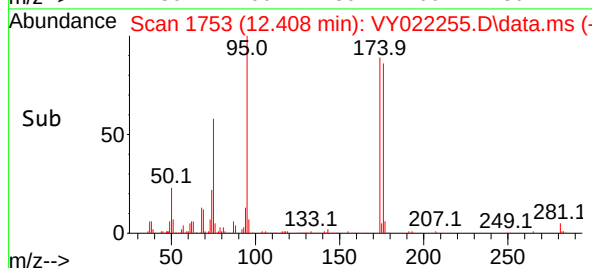
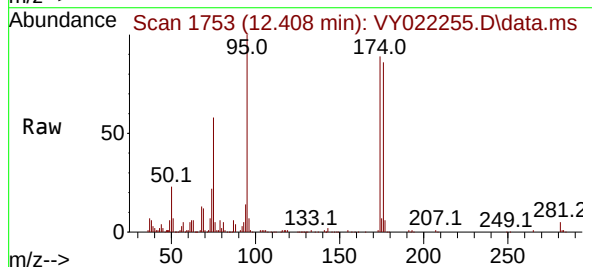
Manual Integrations
APPROVED

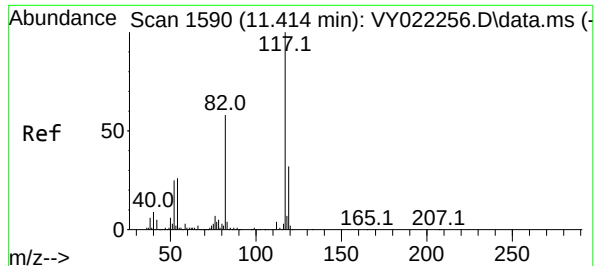
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 18.988 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

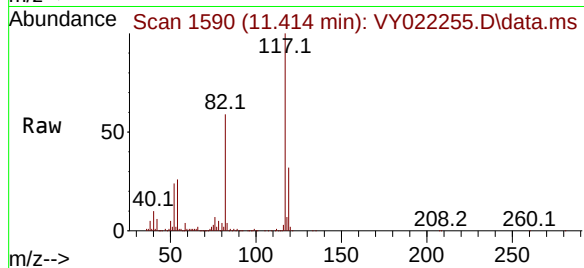
Tgt Ion: 95 Resp: 64706
Ion Ratio Lower Upper
95 100
174 85.7 0.0 166.8
176 81.3 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

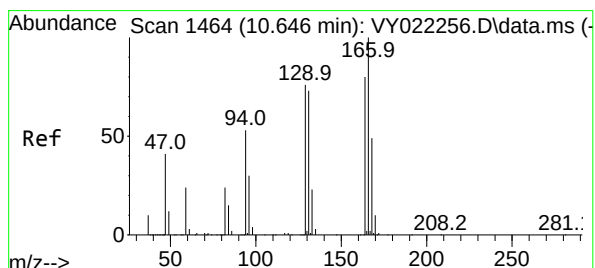
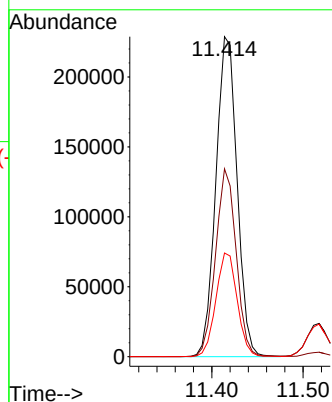
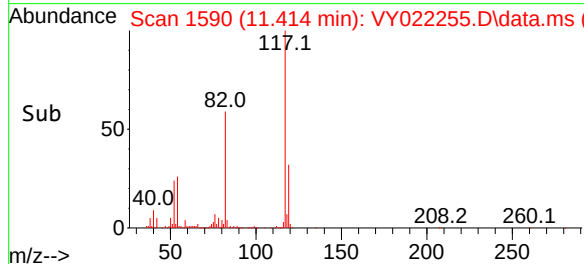
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



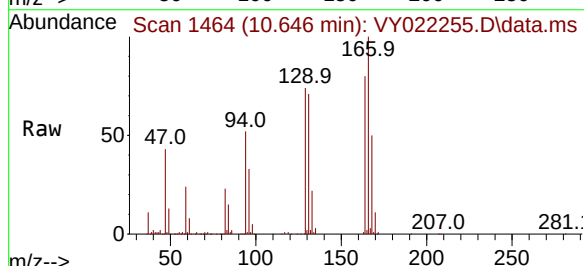
Tgt Ion:117 Resp: 370072
Ion Ratio Lower Upper
117 100
82 58.7 46.6 70.0
119 32.4 25.8 38.6

Manual Integrations
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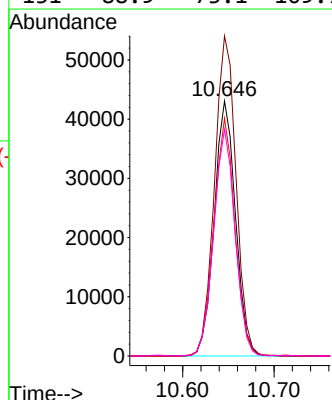
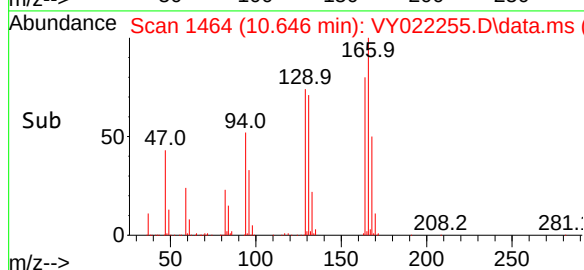
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

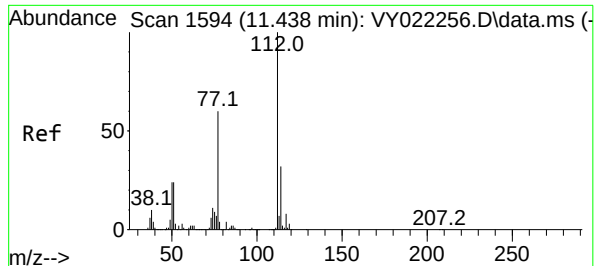


#64
Tetrachloroethene
Concen: 20.332 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



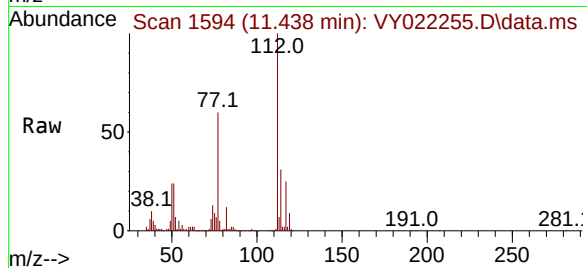
Tgt Ion:164 Resp: 69548
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 93.2 76.4 114.6
131 88.9 73.1 109.7





#65
Chlorobenzene
Concen: 19.610 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

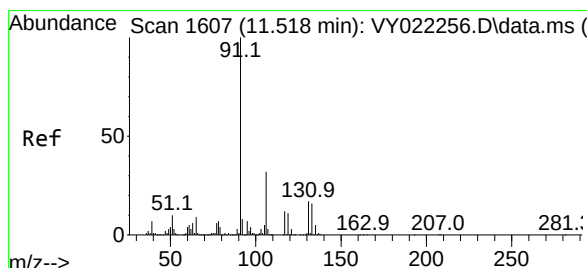
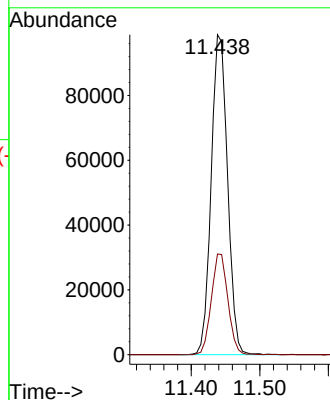
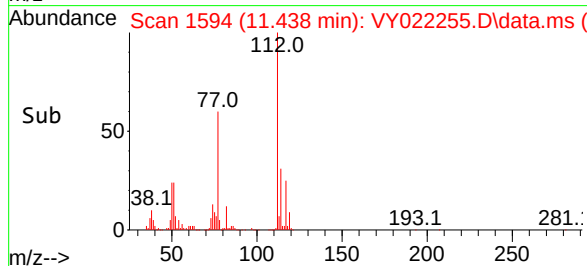
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 163725
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

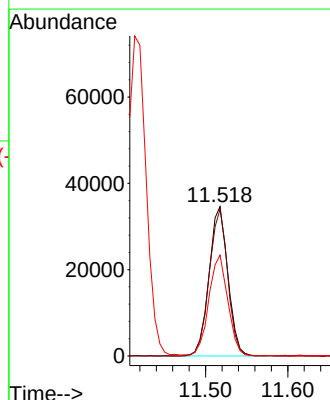
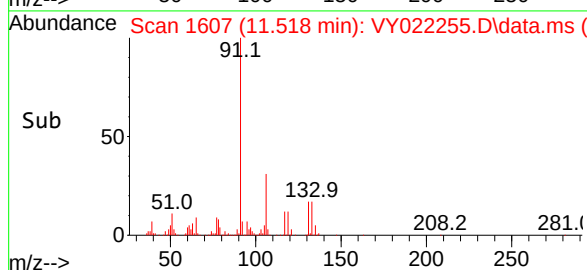
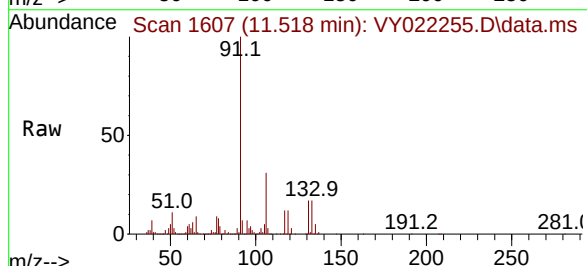
Manual Integrations
APPROVED

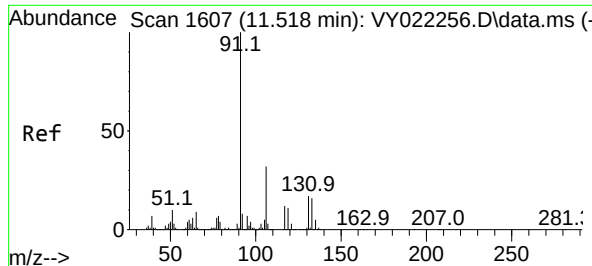
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.189 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:131 Resp: 55078
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 68.4 33.1 99.2





#67

Ethyl Benzene

Concen: 19.402 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 303379

Ion Ratio Lower Upper

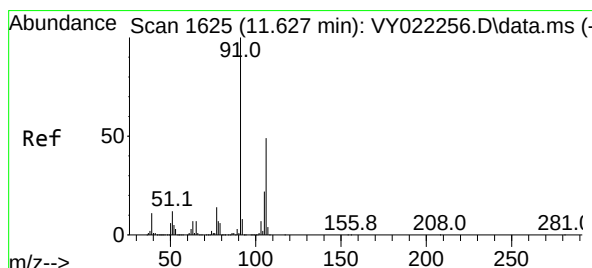
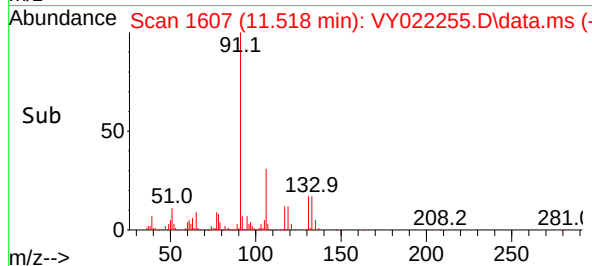
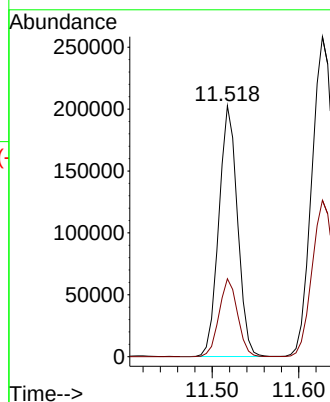
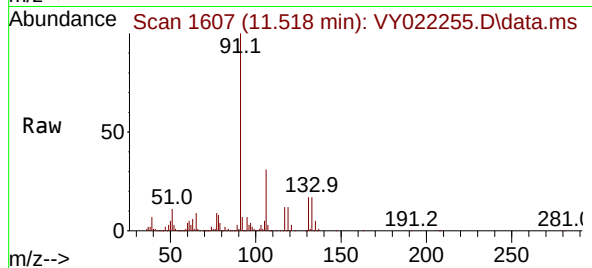
91 100

106 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#68

m/p-Xylenes

Concen: 38.355 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022255.D

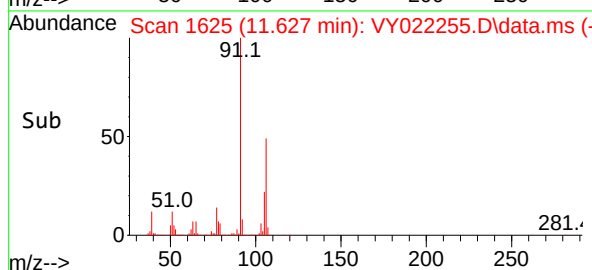
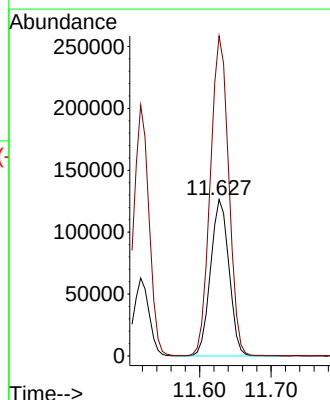
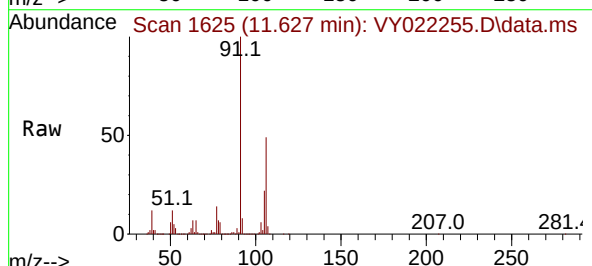
Acq: 15 May 2025 10:39

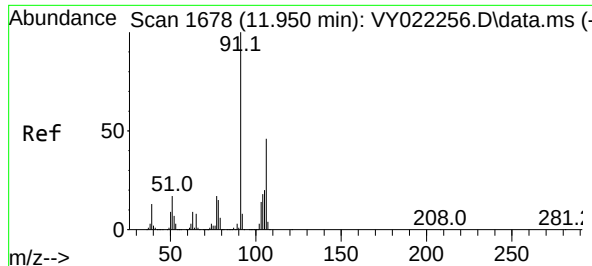
Tgt Ion:106 Resp: 225990

Ion Ratio Lower Upper

106 100

91 204.2 163.0 244.4





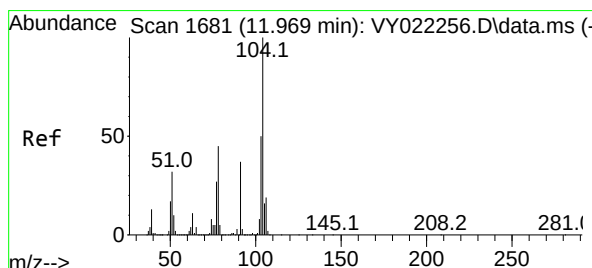
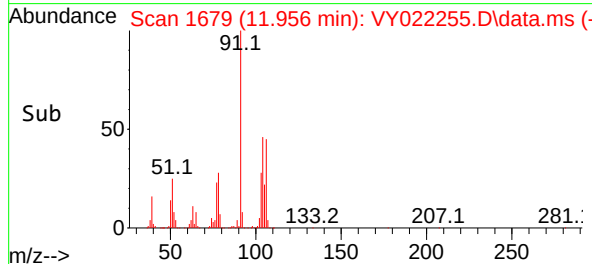
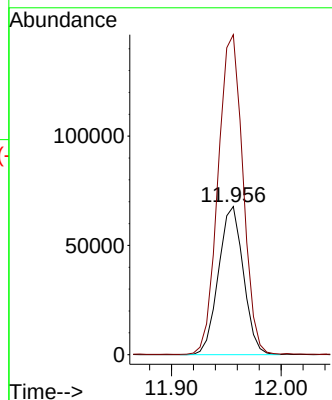
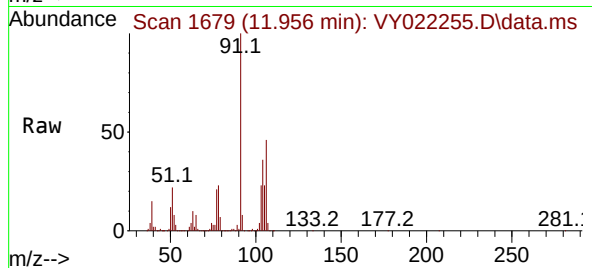
#69
o-Xylene
Concen: 19.194 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 106998
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8

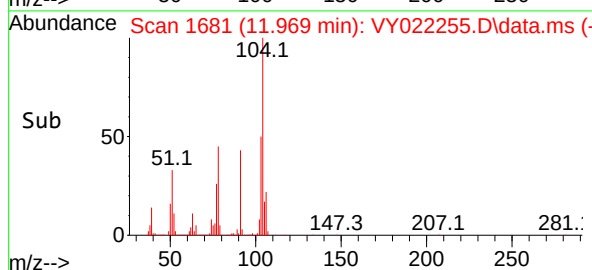
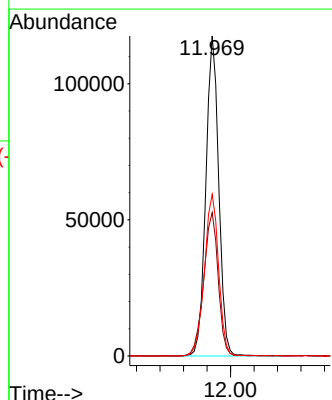
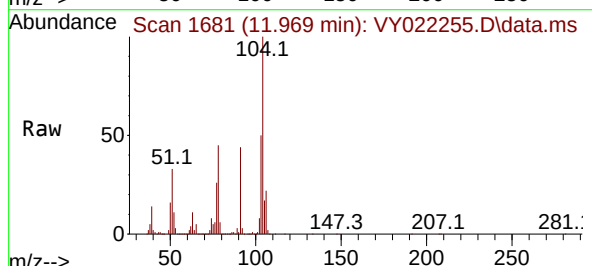
Manual Integrations
APPROVED

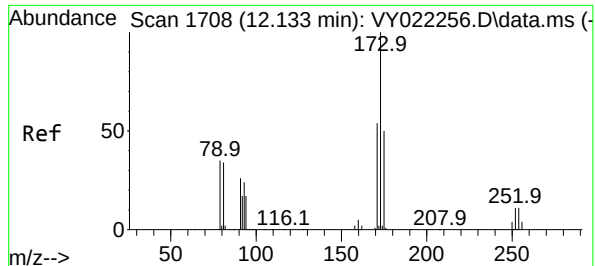
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 19.048 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

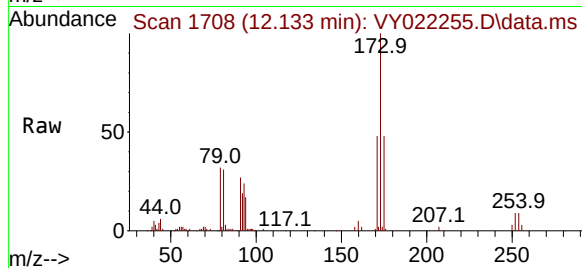
Tgt Ion:104 Resp: 179114
Ion Ratio Lower Upper
104 100
78 50.3 40.9 61.3
103 55.7 43.7 65.5





#71
Bromoform
Concen: 18.582 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

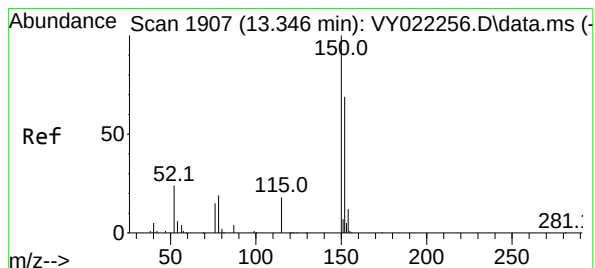
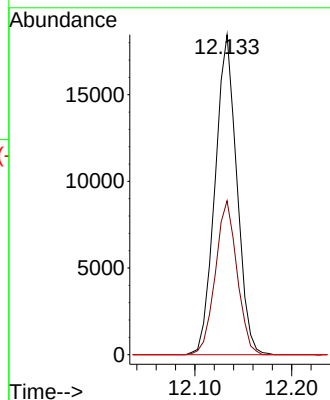
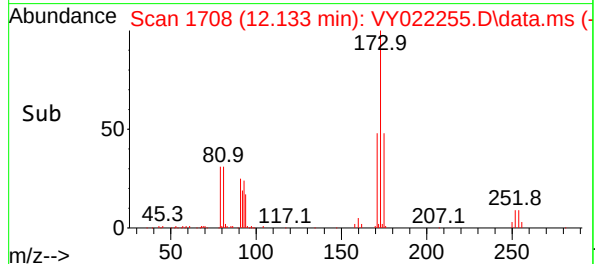
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



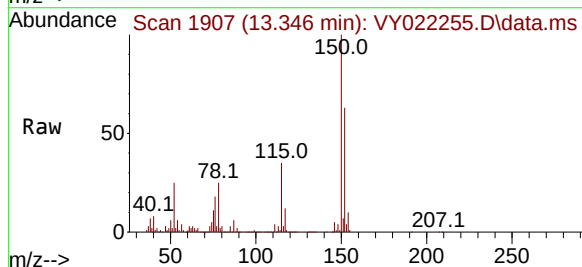
Tgt Ion:173 Resp: 28788
Ion Ratio Lower Upper
173 100
175 48.0 24.7 74.1
254 0.0 0.0 0.0

Manual Integrations
APPROVED

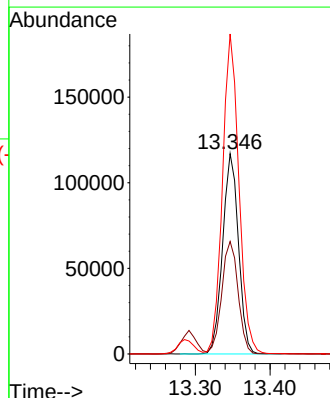
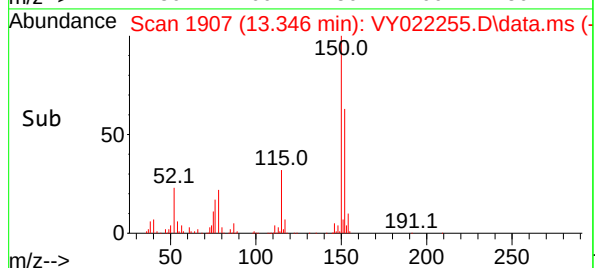
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

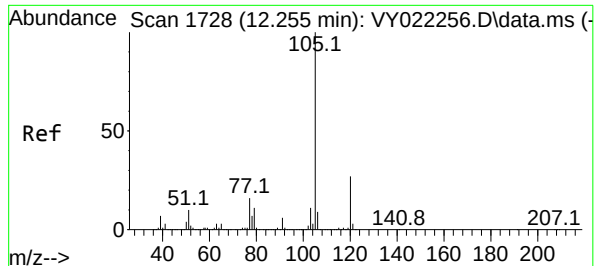


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



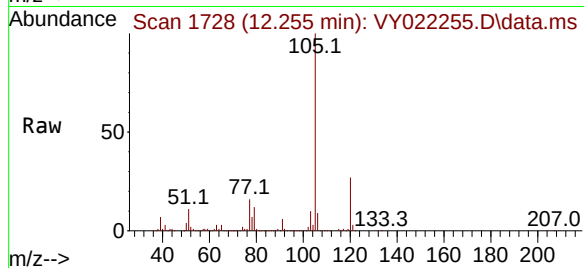
Tgt Ion:152 Resp: 172509
Ion Ratio Lower Upper
152 100
115 57.6 29.4 88.2
150 165.2 0.0 353.8





#73
Isopropylbenzene
Concen: 19.795 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

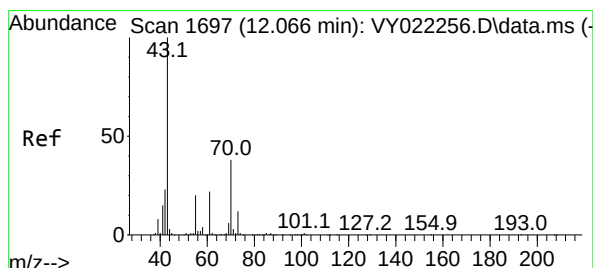
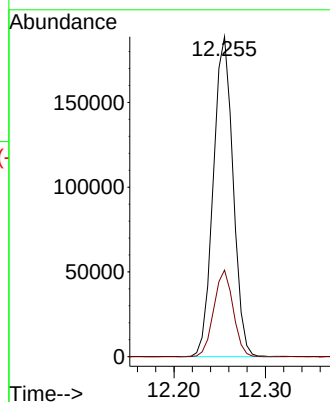
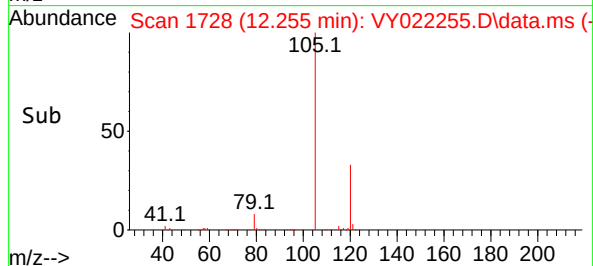
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 105 Resp: 28289
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

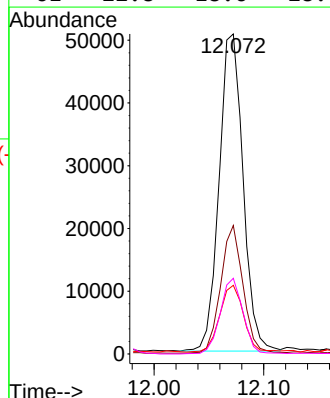
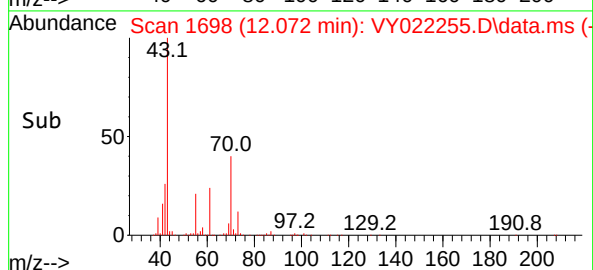
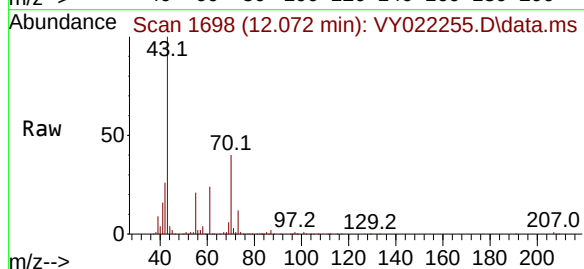
Manual Integrations
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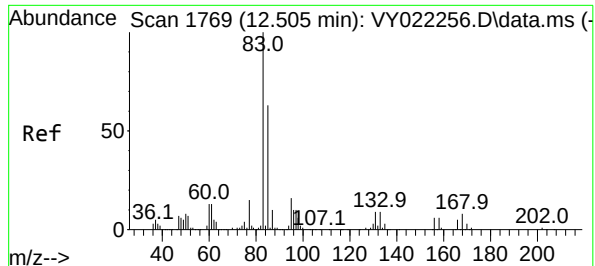
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#74
N-ethyl acetate
Concen: 18.799 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

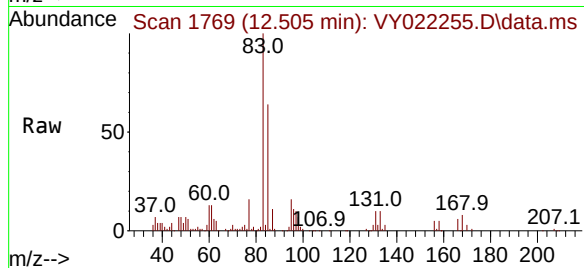
Tgt Ion: 43 Resp: 76841
Ion Ratio Lower Upper
43 100
70 37.3 31.4 47.0
55 21.3 17.0 25.6
61 22.8 18.6 28.0





#75
1,1,2-Tetrachloroethane
Concen: 18.228 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

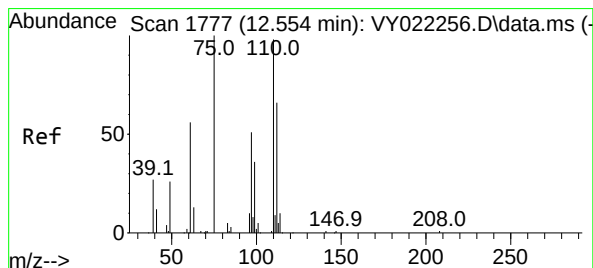
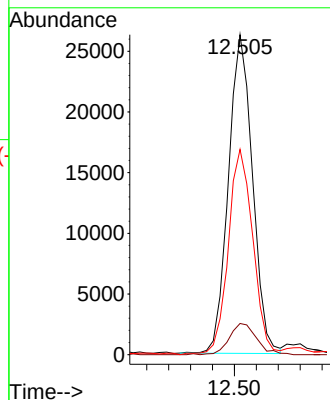
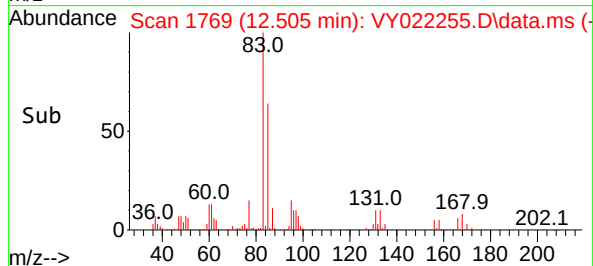
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.9	14.7
85	65.9	32.0	96.0

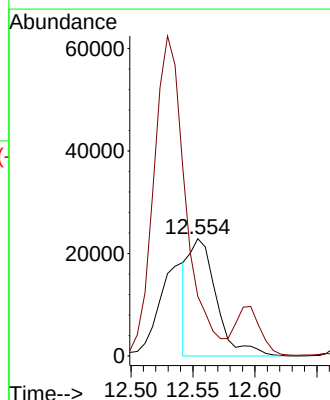
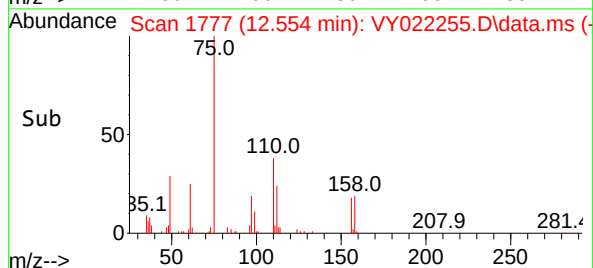
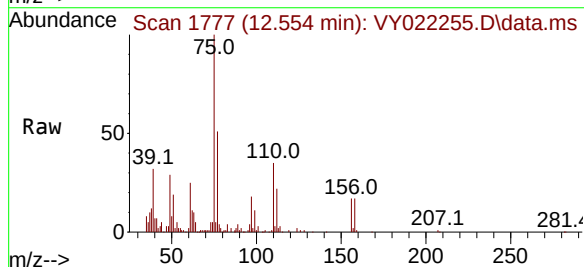
Manual Integrations
APPROVED

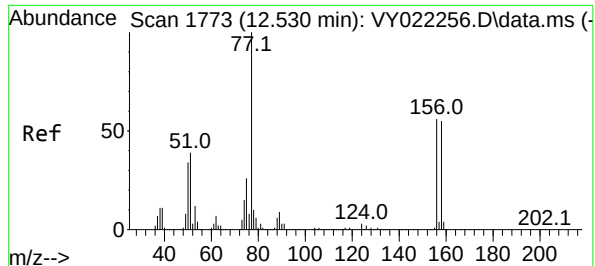
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76
1,2,3-Trichloropropane
Concen: 11.701 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

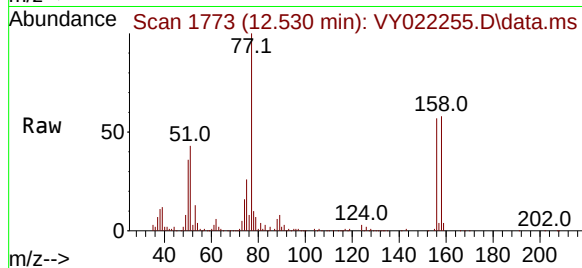
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 19.170 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

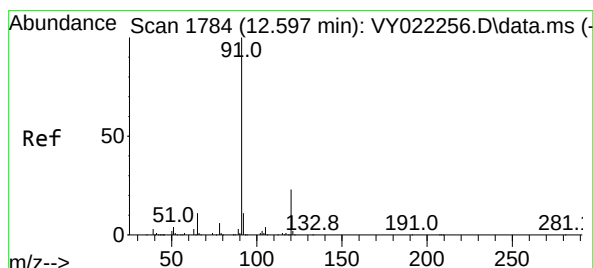
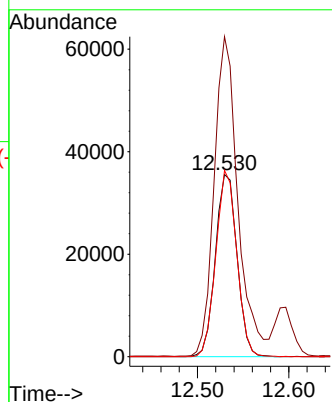
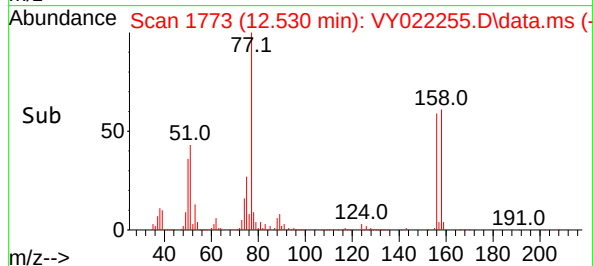
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 156 Resp: 5851
Ion Ratio Lower Upper
156 100
77 190.6 94.5 283.6
158 99.0 48.4 145.3

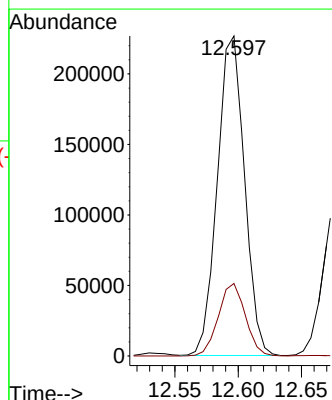
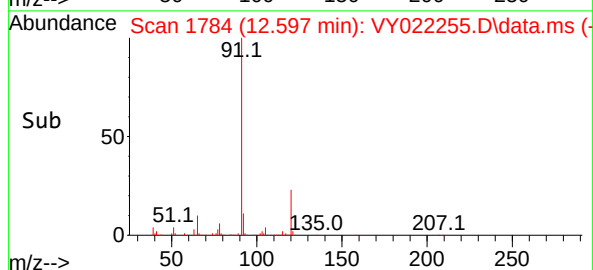
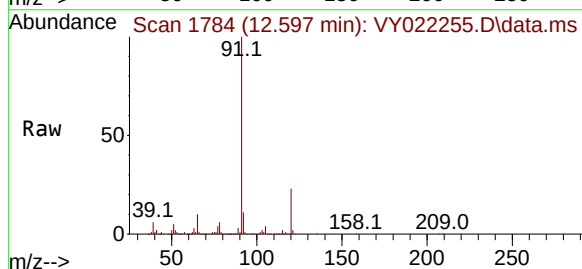
Manual Integrations
APPROVED

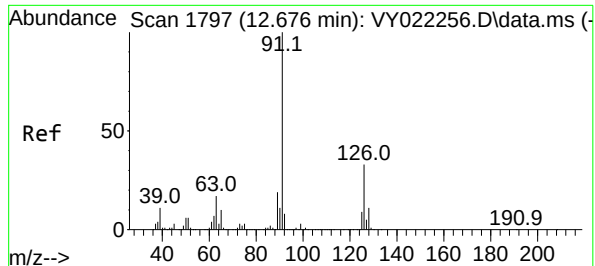
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 19.630 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 91 Resp: 338383
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.621 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 185872

Ion Ratio Lower Upper

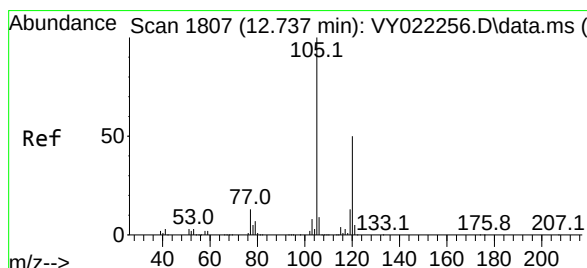
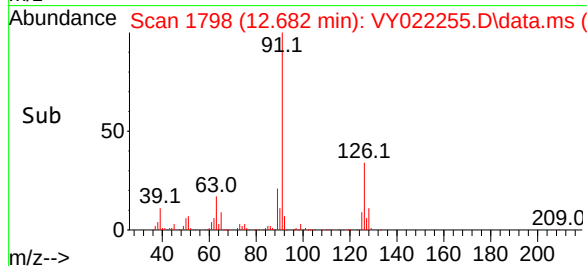
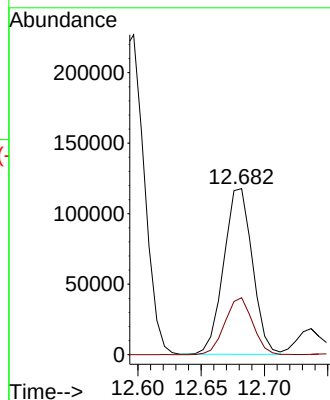
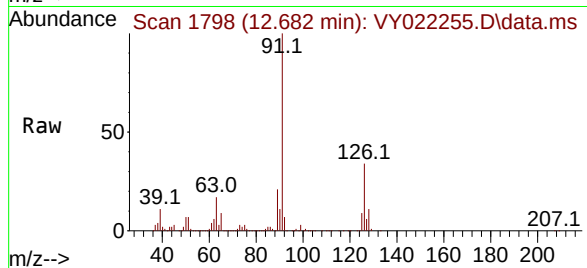
91 100

126 33.3 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.587 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022255.D

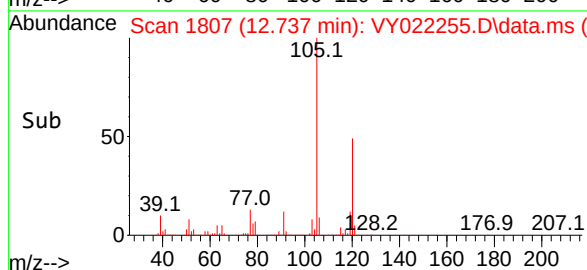
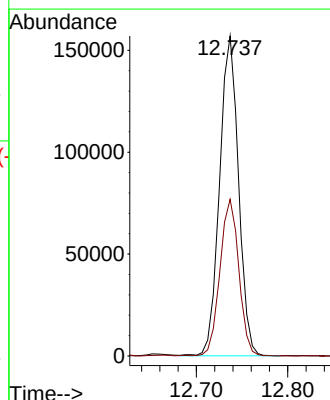
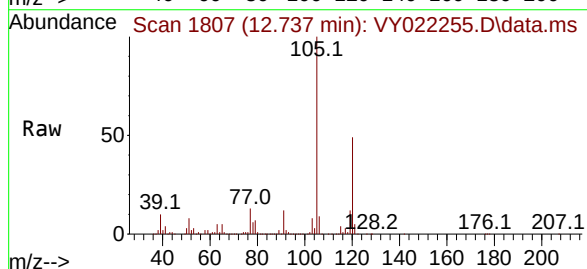
Acq: 15 May 2025 10:39

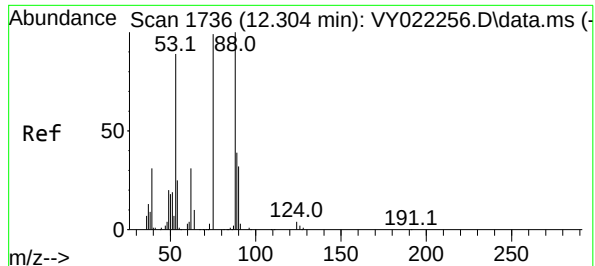
Tgt Ion:105 Resp: 225966

Ion Ratio Lower Upper

105 100

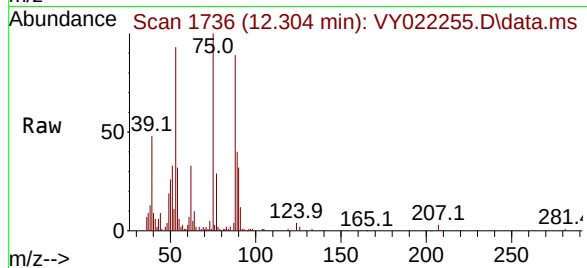
120 48.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.302 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

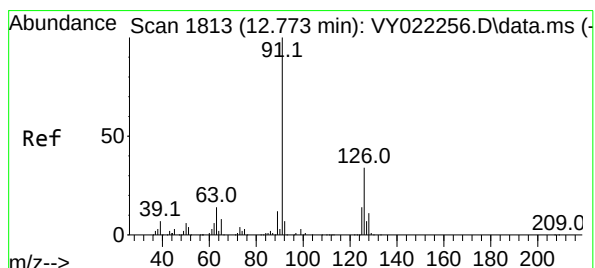
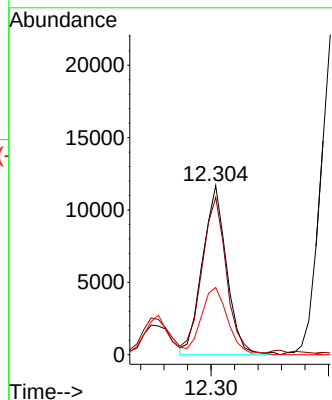
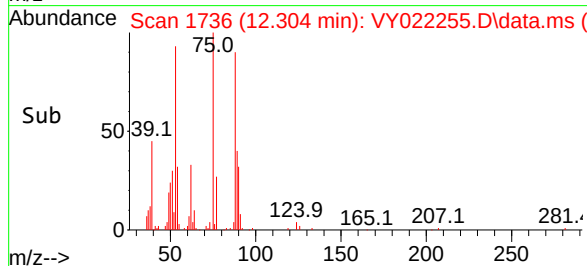
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 1665
Ion Ratio Lower Upper
75 100
53 92.5 75.8 113.8
89 43.2 36.2 54.2

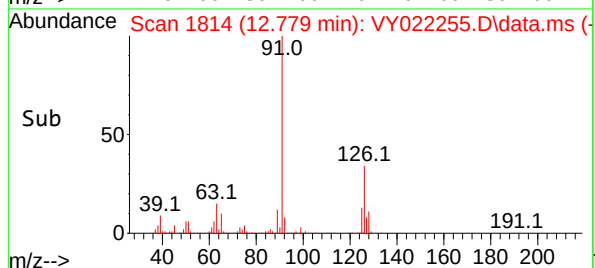
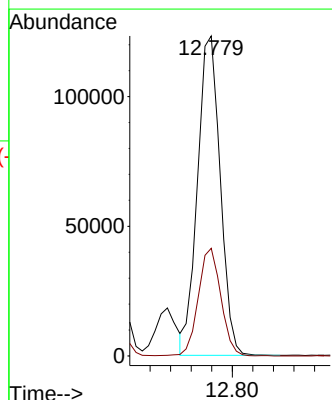
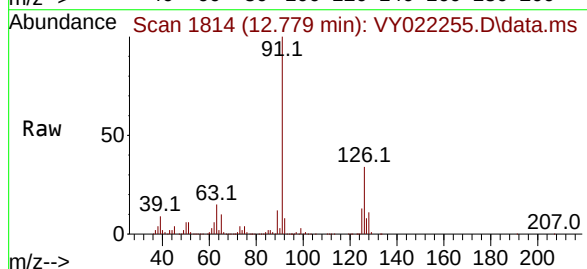
Manual Integrations
APPROVED

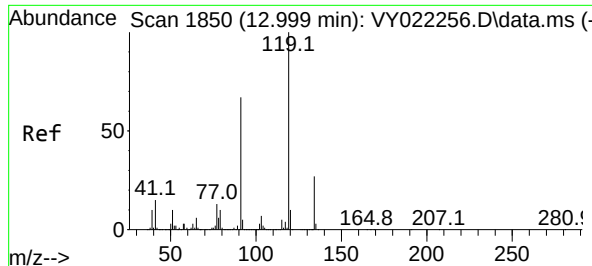
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 19.433 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 91 Resp: 189350
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.515 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022255.D

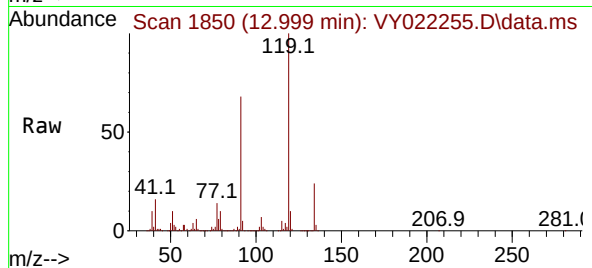
Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



Tgt Ion:119 Resp: 20010

Ion Ratio Lower Upper

119 100

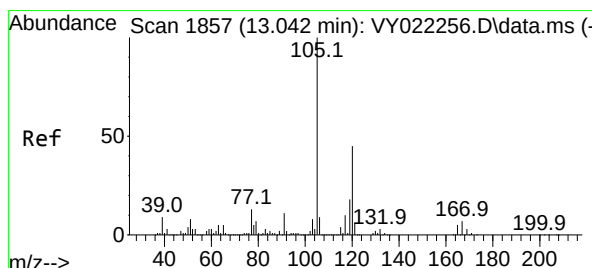
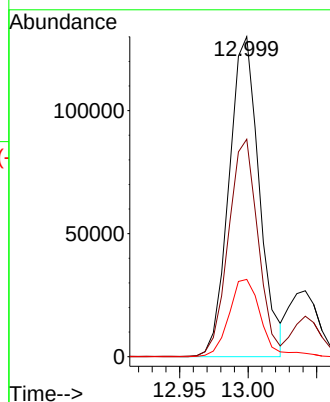
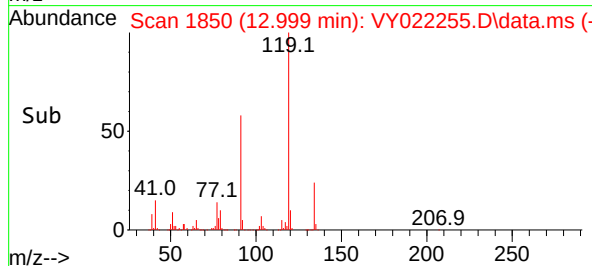
91 66.3 32.8 98.3

134 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#84

1,2,4-Trimethylbenzene

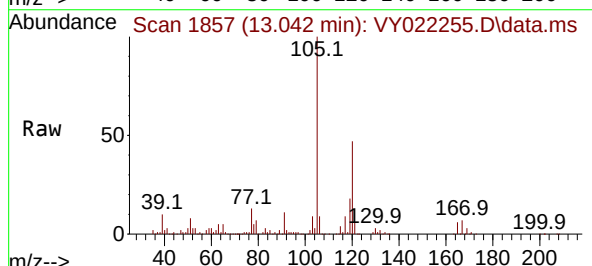
Concen: 19.315 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

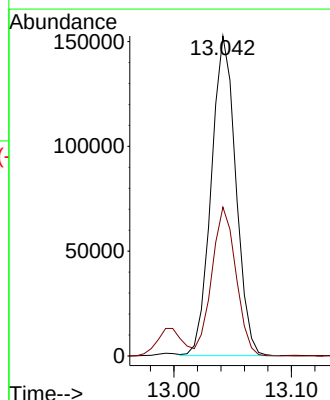
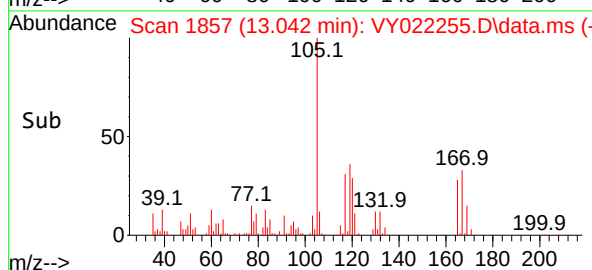


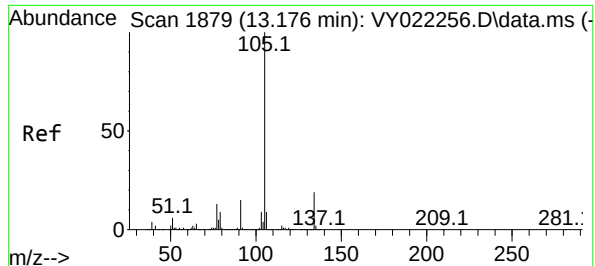
Tgt Ion:105 Resp: 221194

Ion Ratio Lower Upper

105 100

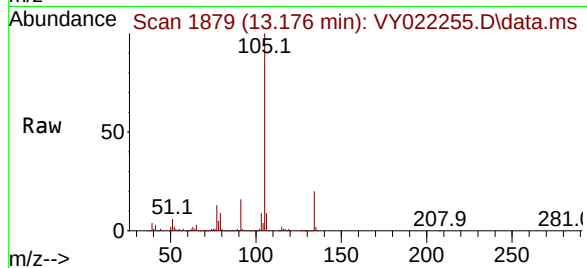
120 45.9 22.3 66.9





#85
sec-Butylbenzene
Concen: 19.576 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

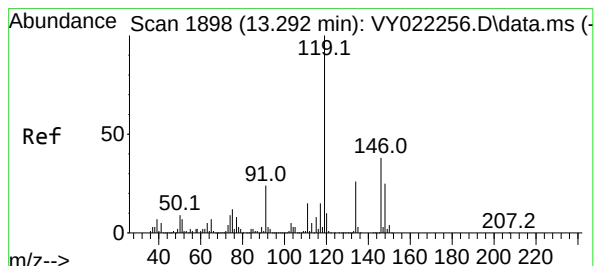
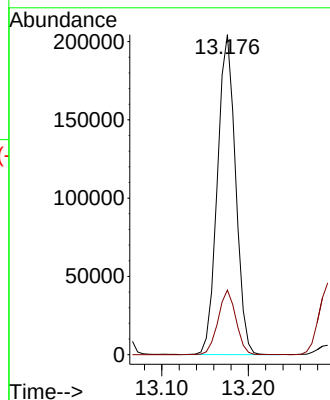
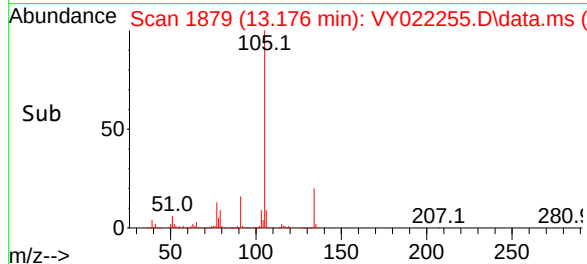
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 297979
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.5

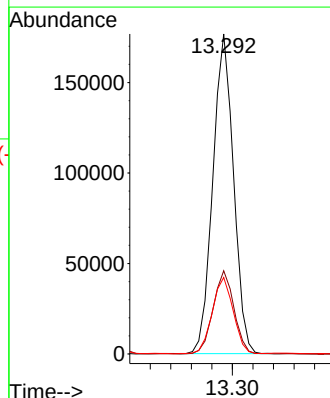
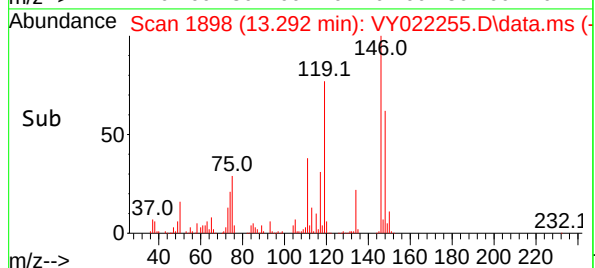
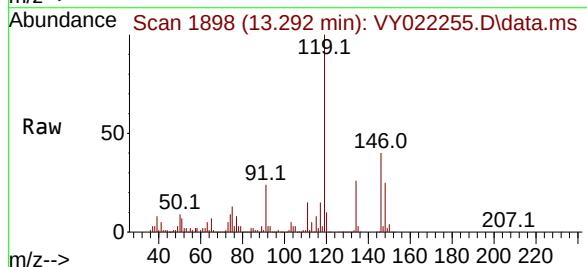
Manual Integrations
APPROVED

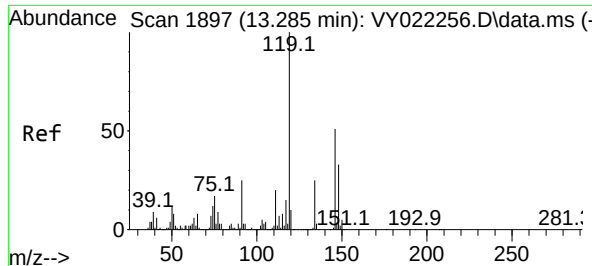
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#86
p-Isopropyltoluene
Concen: 19.261 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:119 Resp: 246569
Ion Ratio Lower Upper
119 100
134 26.3 12.9 38.6
91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.991 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 118330

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

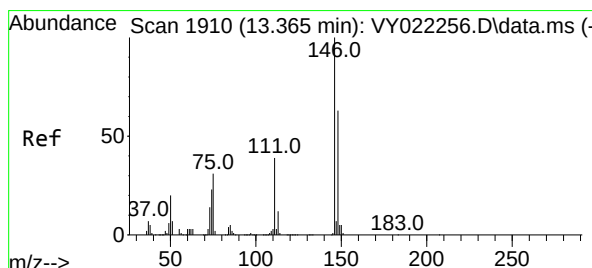
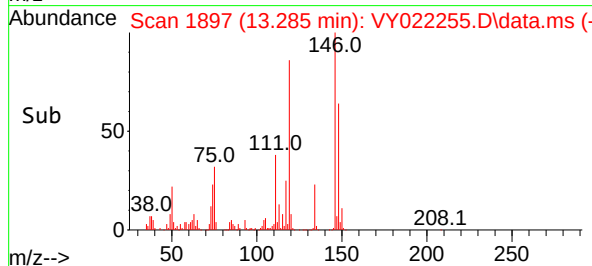
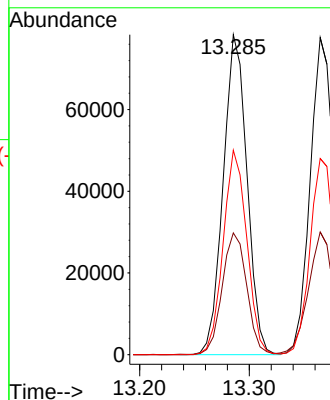
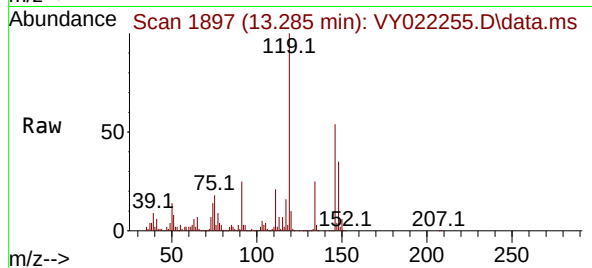
148 63.4 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 19.638 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

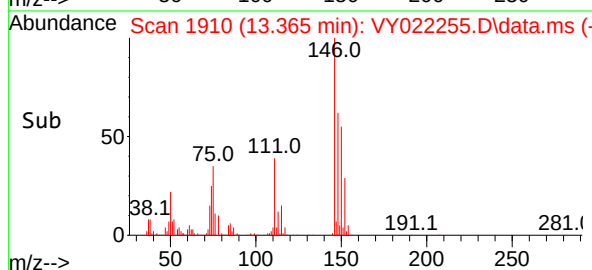
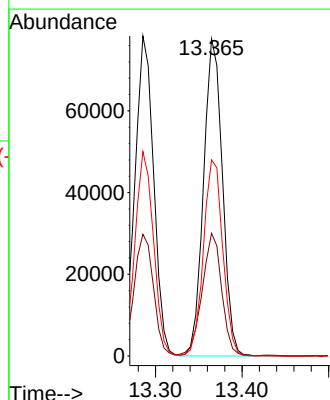
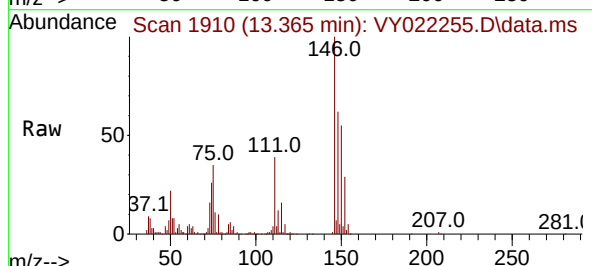
Tgt Ion:146 Resp: 117705

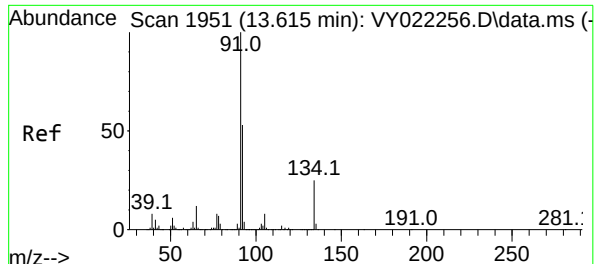
Ion Ratio Lower Upper

146 100

111 39.8 20.0 59.9

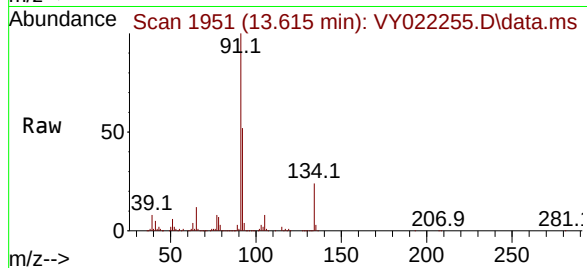
148 63.3 32.1 96.5





#89
n-Butylbenzene
Concen: 19.887 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

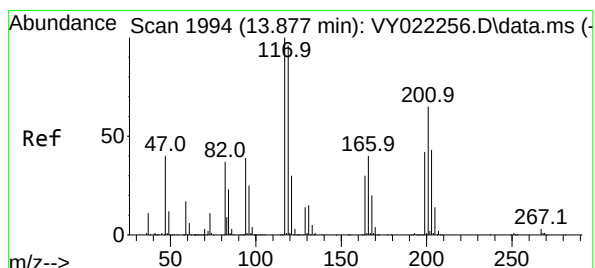
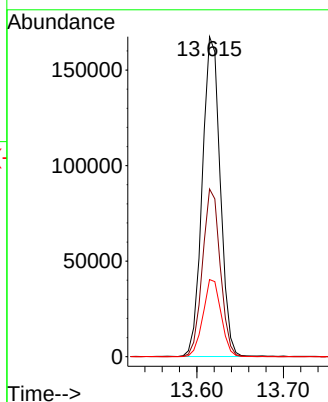
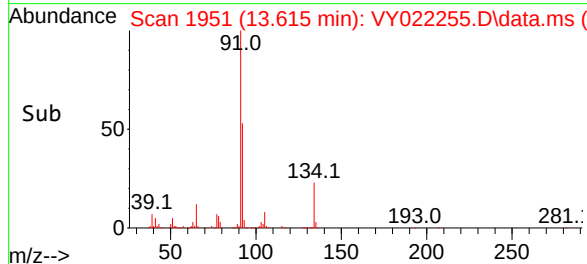
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 24085
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 24.3 12.4 37.4

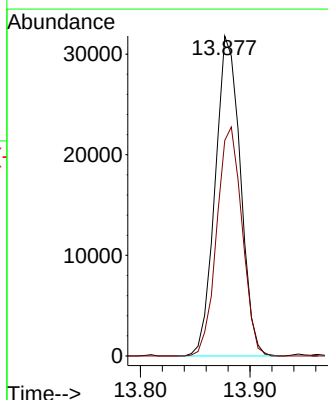
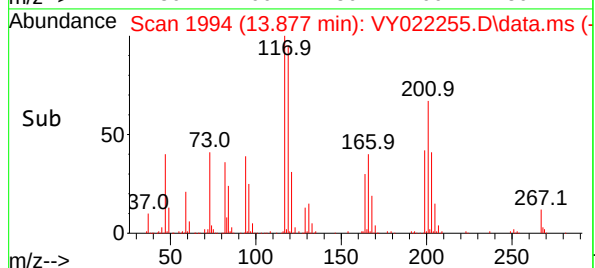
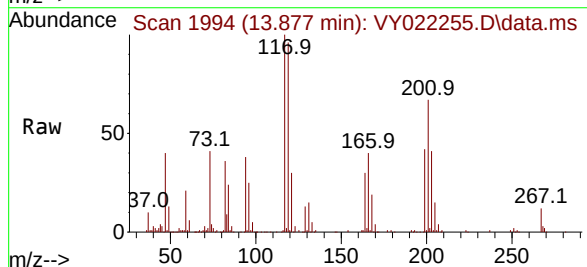
Manual Integrations
APPROVED

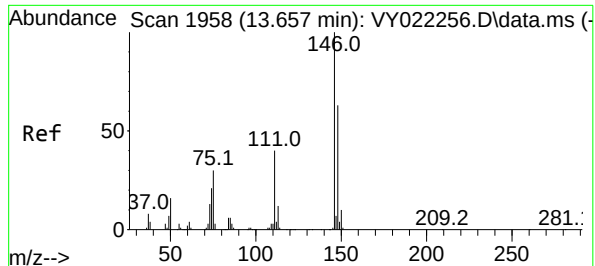
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 19.643 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

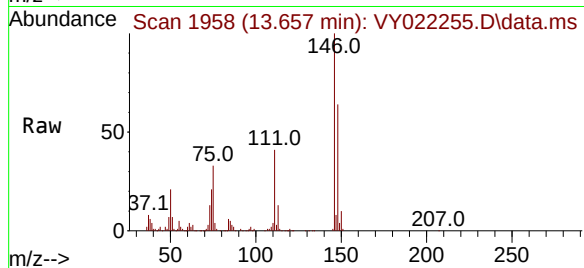
Tgt Ion:117 Resp: 50762
Ion Ratio Lower Upper
117 100
201 72.0 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 19.502 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

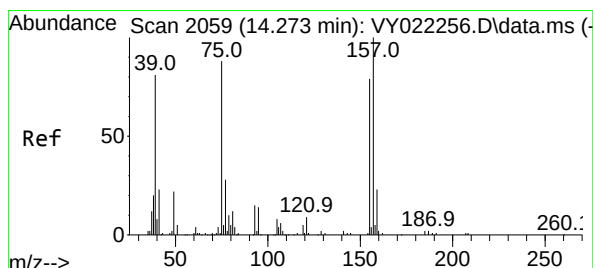
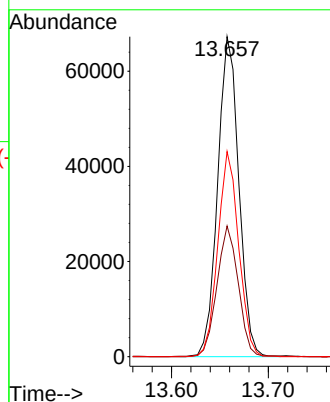
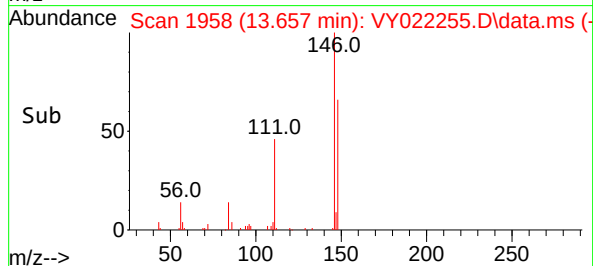
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 10207
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 63.2 32.0 96.0

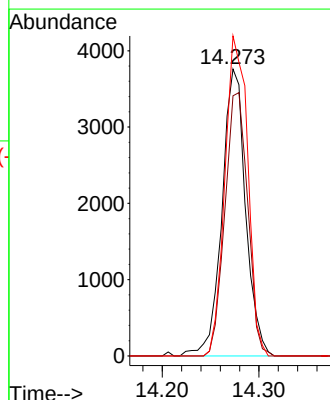
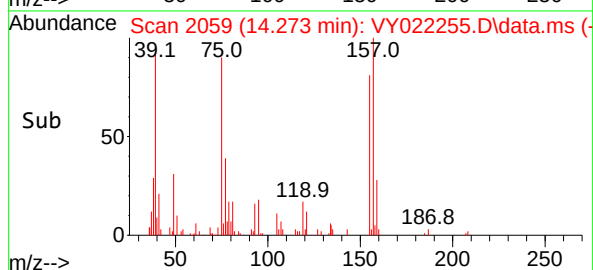
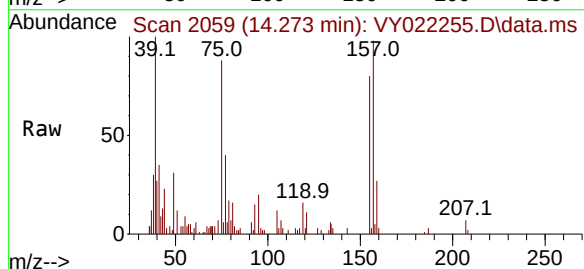
Manual Integrations
APPROVED

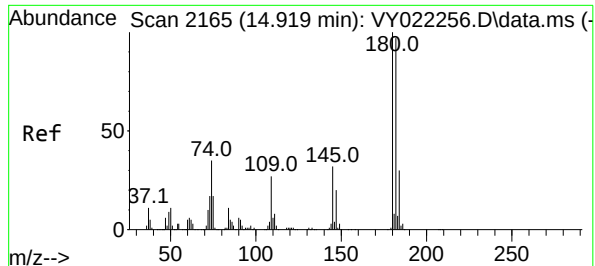
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.021 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 75 Resp: 6387
Ion Ratio Lower Upper
75 100
155 88.5 43.4 130.1
157 107.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.346 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 58490

Ion Ratio Lower Upper

180 100

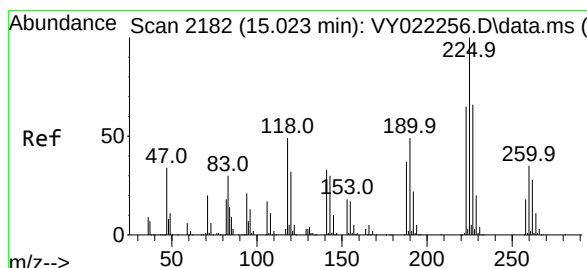
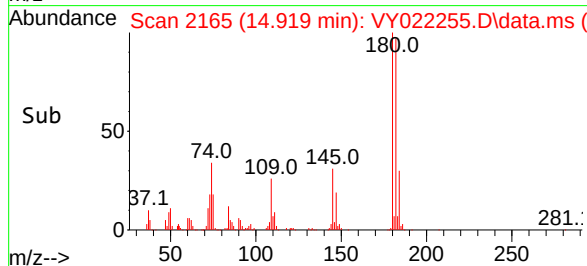
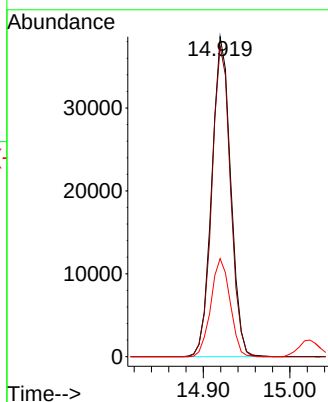
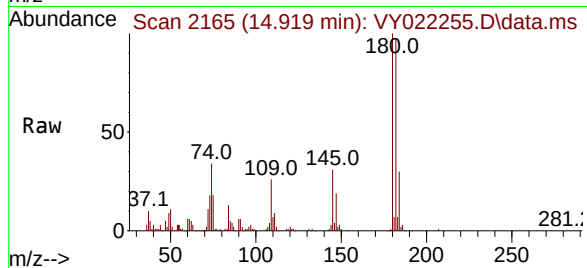
182 95.9 48.0 144.0

145 31.1 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 20.301 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

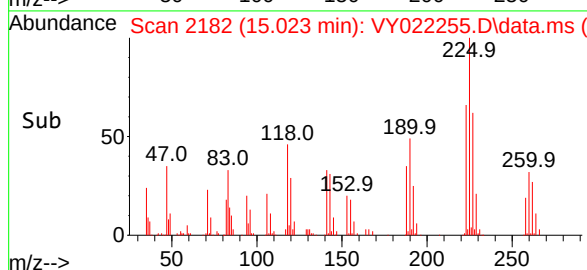
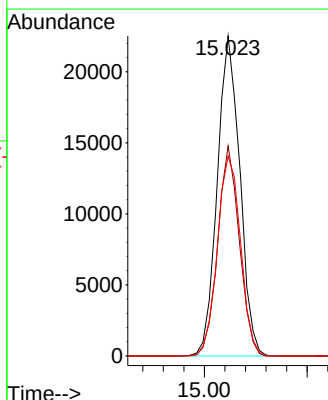
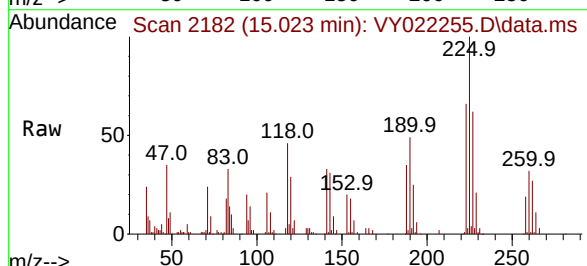
Tgt Ion:225 Resp: 34228

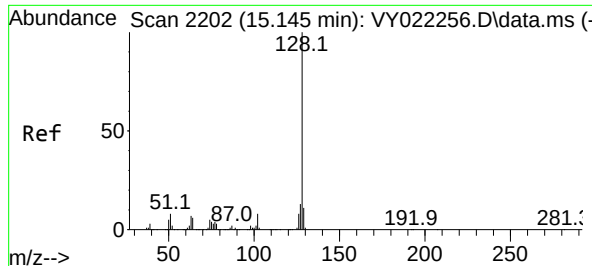
Ion Ratio Lower Upper

225 100

223 62.7 31.5 94.5

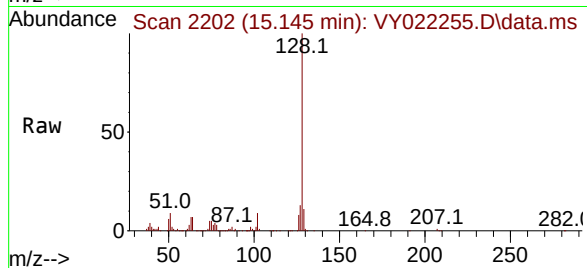
227 64.3 32.1 96.3





#95
Naphthalene
Concen: 18.362 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

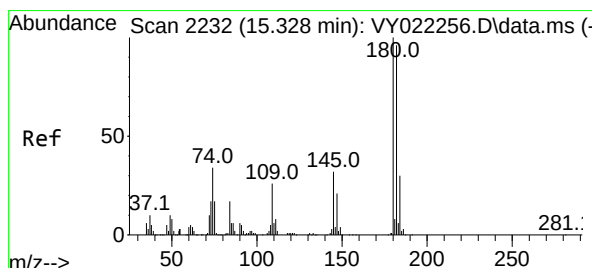
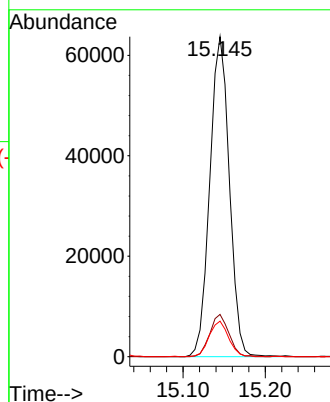
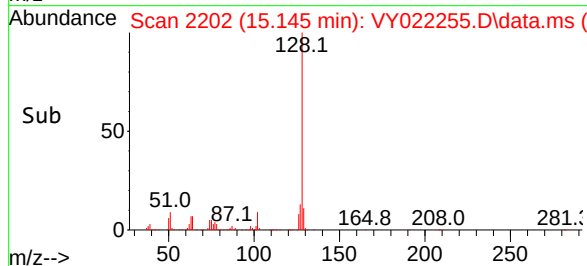
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 105350
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.8 13.2

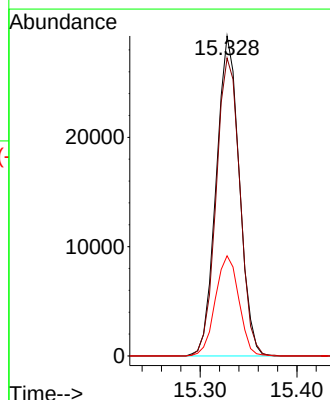
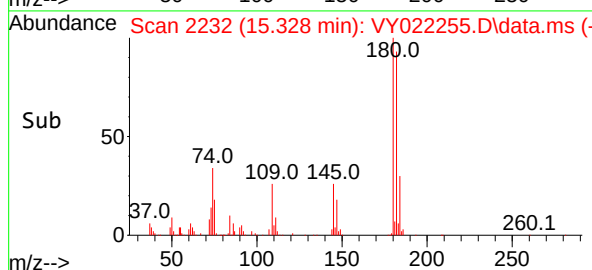
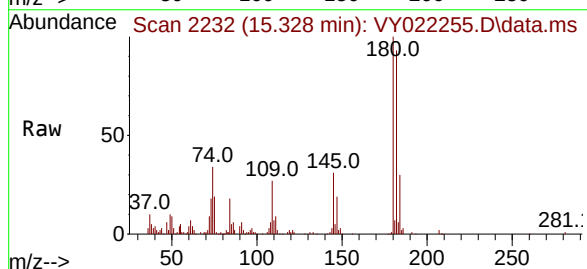
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.888 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:180 Resp: 48444
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.3
145 31.9 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022256.D
 Acq On : 15 May 2025 11:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:23:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	267598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	439323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180358	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	144713	49.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.634	113	132404	50.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.103	98	540296	50.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.408	95	169827	49.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	135726	48.608	ug/l	100
3) Chloromethane	2.062	50	278892	47.481	ug/l	100
4) Vinyl Chloride	2.202	62	323792	49.341	ug/l	100
5) Bromomethane	2.592	94	234736	43.941	ug/l	100
6) Chloroethane	2.732	64	202370	49.569	ug/l	100
7) Trichlorofluoromethane	3.050	101	324887	48.898	ug/l	100
8) Diethyl Ether	3.452	74	78670	49.338	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	144018	49.930	ug/l	100
10) Methyl Iodide	4.007	142	183918	55.091	ug/l	100
11) Tert butyl alcohol	4.872	59	51598	231.036	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	144103	50.344	ug/l	100
13) Acrolein	3.653	56	75423	231.010	ug/l	100
14) Allyl chloride	4.379	41	256499	51.106	ug/l	100
15) Acrylonitrile	5.061	53	160496	244.283	ug/l	100
16) Acetone	3.873	43	124421	226.888	ug/l	100
17) Carbon Disulfide	4.104	76	468979	50.244	ug/l	100
18) Methyl Acetate	4.385	43	80820	48.436	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	390412	49.466	ug/l	100
20) Methylene Chloride	4.616	84	159764	45.087	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	158544	50.181	ug/l	100
22) Diisopropyl ether	6.019	45	531560	50.152	ug/l	100
23) Vinyl Acetate	5.958	43	1570214	245.223	ug/l	100
24) 1,1-Dichloroethane	5.915	63	298823	50.465	ug/l	100
25) 2-Butanone	6.896	43	215828	235.291	ug/l	100
26) 2,2-Dichloropropane	6.884	77	264141	50.153	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	184842	50.698	ug/l	100
28) Bromochloromethane	7.244	49	126541	50.100	ug/l	100
29) Tetrahydrofuran	7.262	42	142772	241.931	ug/l	100
30) Chloroform	7.421	83	288708	50.831	ug/l	100
31) Cyclohexane	7.701	56	282375	47.728	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	259382	49.777	ug/l	100
36) 1,1-Dichloropropene	7.835	75	221943	51.388	ug/l	100
37) Ethyl Acetate	6.988	43	102924	49.529	ug/l	100
38) Carbon Tetrachloride	7.817	117	226903	50.754	ug/l	100
39) Methylcyclohexane	9.109	83	294336	50.726	ug/l	100
40) Benzene	8.079	78	658644	51.442	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022256.D
 Acq On : 15 May 2025 11:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:23:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	69476m	45.691	ug/l	
42) 1,2-Dichloroethane	8.158	62	176425	50.954	ug/l	100
43) Isopropyl Acetate	8.195	43	225628	49.785	ug/l	100
44) Trichloroethene	8.866	130	162802	51.138	ug/l	100
45) 1,2-Dichloropropane	9.140	63	156870	50.819	ug/l	100
46) Dibromomethane	9.231	93	82994	49.849	ug/l	100
47) Bromodichloromethane	9.420	83	222159	51.435	ug/l	100
48) Methyl methacrylate	9.219	41	105390	49.726	ug/l	100
49) 1,4-Dioxane	9.231	88	18027	958.446	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	556123	250.085	ug/l	100
52) Toluene	10.170	92	414584	51.134	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	213993	50.768	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	246990	51.143	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	106676	50.036	ug/l	100
56) Ethyl methacrylate	10.438	69	167259	50.364	ug/l	100
57) 1,3-Dichloropropane	10.719	76	192275	50.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	403074	270.408	ug/l	100
59) 2-Hexanone	10.762	43	365111	244.881	ug/l	100
60) Dibromochloromethane	10.908	129	141896	51.278	ug/l	100
61) 1,2-Dibromoethane	11.012	107	99822	50.236	ug/l	100
64) Tetrachloroethene	10.646	164	178854	51.249	ug/l	100
65) Chlorobenzene	11.438	112	435874	51.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	148798	50.811	ug/l	100
67) Ethyl Benzene	11.518	91	821168	51.473	ug/l	100
68) m/p-Xylenes	11.627	106	617646	102.746	ug/l	100
69) o-Xylene	11.950	106	289897	50.971	ug/l	100
70) Styrene	11.969	104	491792	51.260	ug/l	100
71) Bromoform	12.133	173	78794	49.849	ug/l #	100
73) Isopropylbenzene	12.255	105	756905	50.657	ug/l	100
74) N-amyl acetate	12.066	43	209097	48.930	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	113234	49.277	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	90281m	28.402	ug/l	
77) Bromobenzene	12.530	156	161475	50.599	ug/l	100
78) n-propylbenzene	12.597	91	924664	51.306	ug/l	100
79) 2-Chlorotoluene	12.676	91	505684	51.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	615033	50.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	42692	47.331	ug/l	100
82) 4-Chlorotoluene	12.773	91	524270	51.464	ug/l	100
83) tert-Butylbenzene	12.999	119	546231	50.952	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	615550	51.410	ug/l	100
85) sec-Butylbenzene	13.176	105	824725	51.825	ug/l	100
86) p-Isopropyltoluene	13.292	119	688561	51.446	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	331536	50.890	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	315598	50.363	ug/l	100
89) n-Butylbenzene	13.615	91	661532	52.245	ug/l	100
90) Hexachloroethane	13.877	117	137225	50.791	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	276666	50.558	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18039	48.682	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	162275	51.338	ug/l	100
94) Hexachlorobutadiene	15.023	225	90452	51.313	ug/l	100
95) Naphthalene	15.145	128	298075	49.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	135673	50.596	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022256.D
Acq On : 15 May 2025 11:02
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:23:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

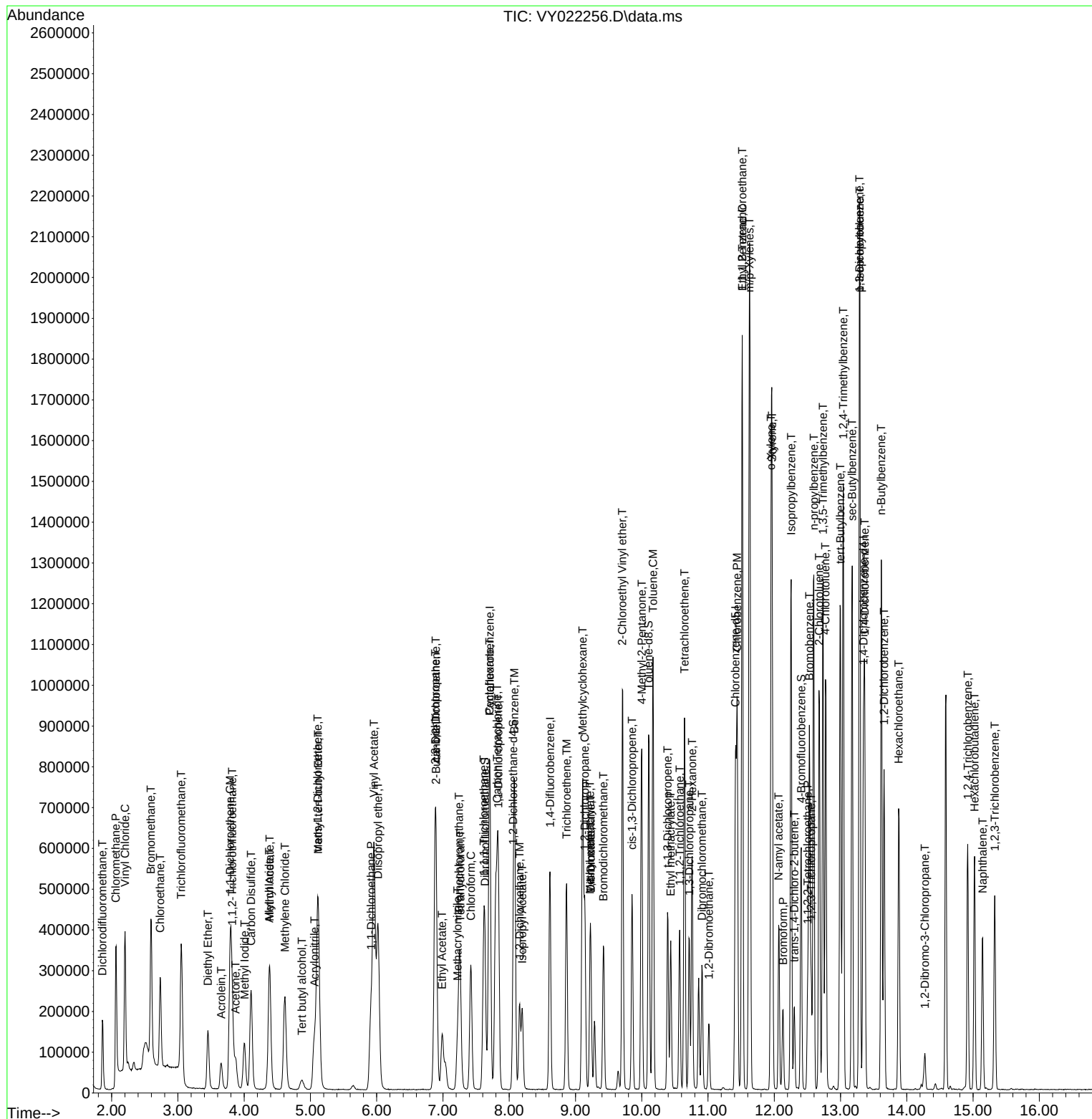
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022256.D
 Acq On : 15 May 2025 11:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

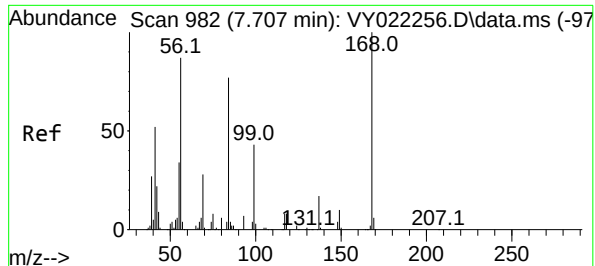
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 16 01:23:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

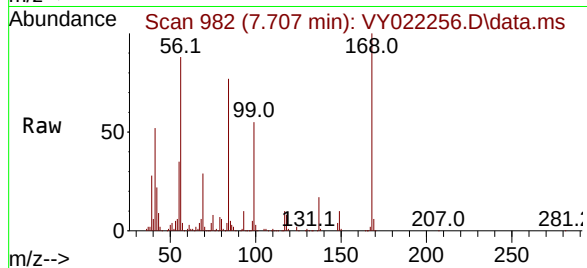
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

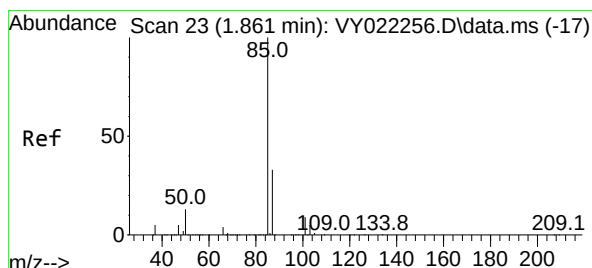
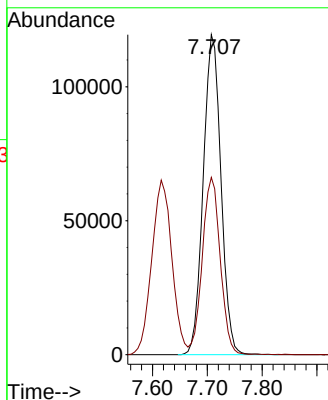
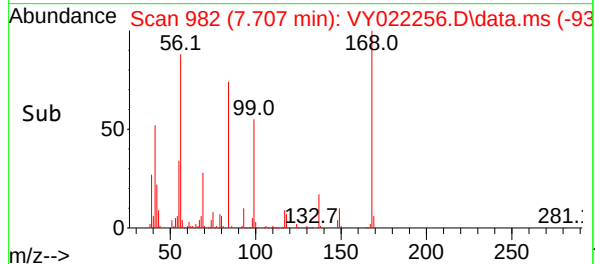
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 267598
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4

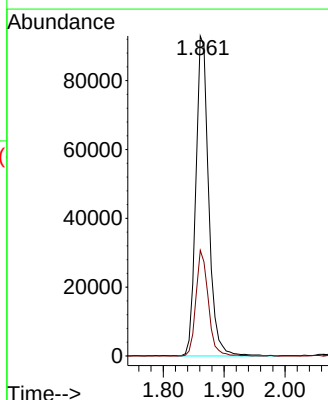
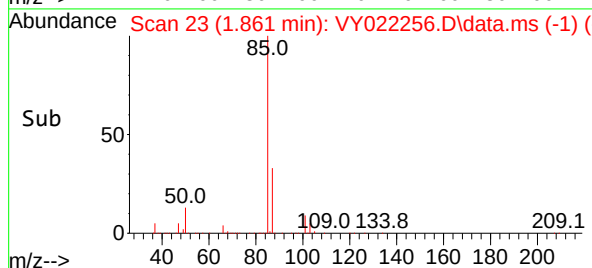
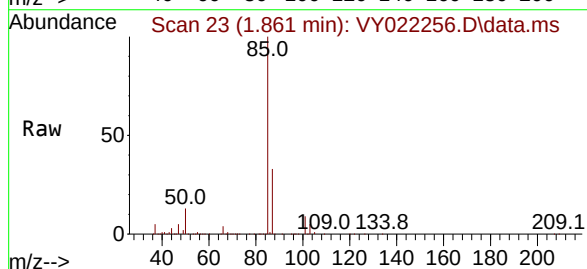
Manual Integrations
APPROVED

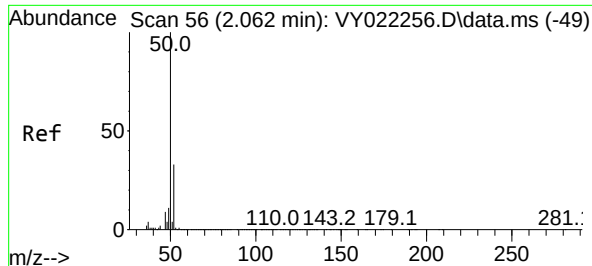
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 48.608 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

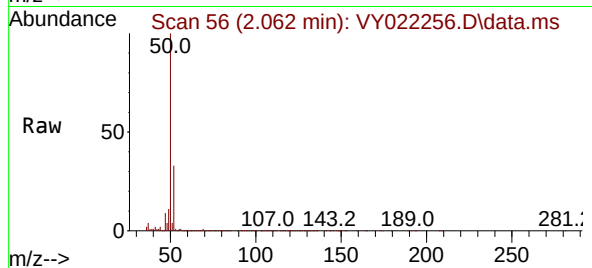
Tgt Ion: 85 Resp: 135726
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5





#3
Chloromethane
Concen: 47.481 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

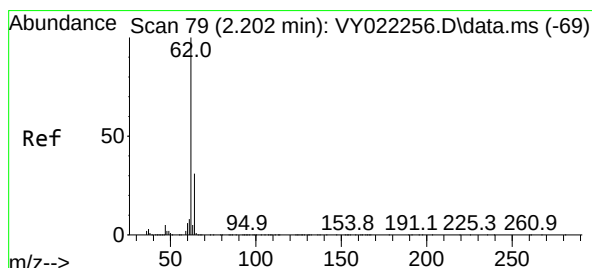
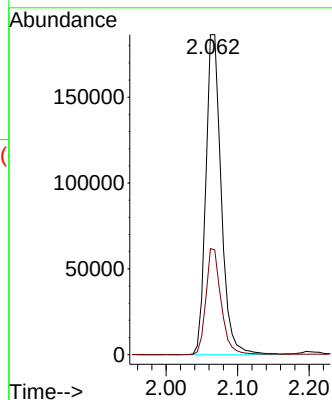
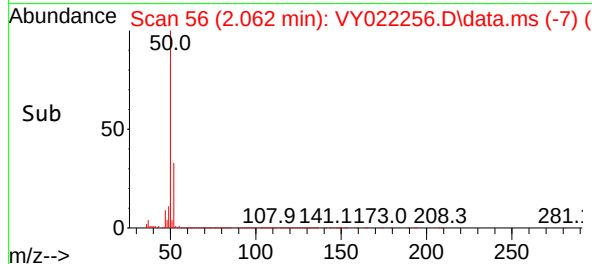
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 278892
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

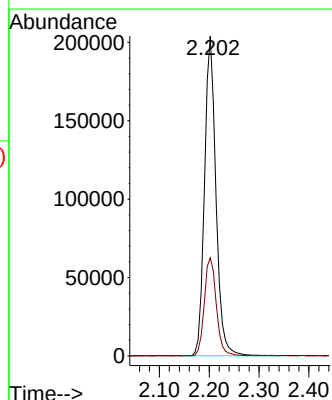
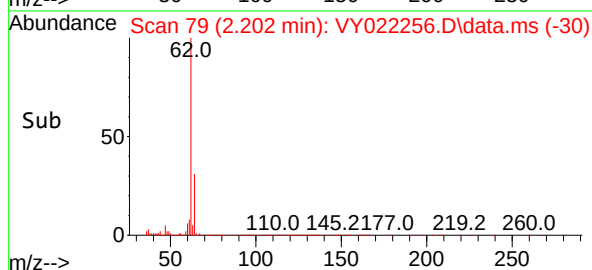
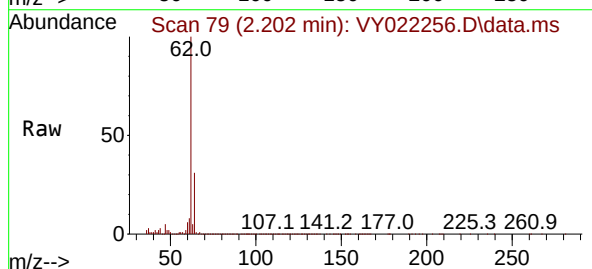
Manual Integrations
APPROVED

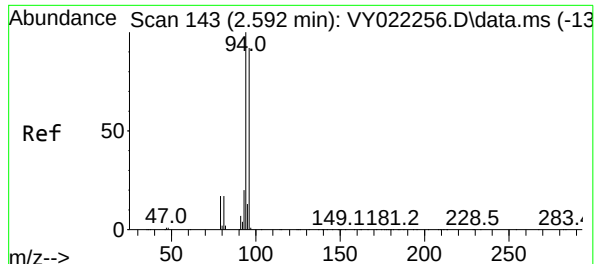
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 49.341 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

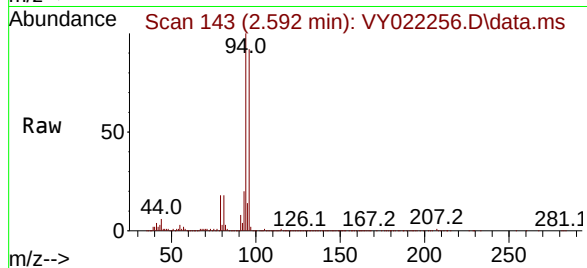
Tgt Ion: 62 Resp: 323792
Ion Ratio Lower Upper
62 100
64 30.6 24.5 36.7





#5
Bromomethane
Concen: 43.941 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

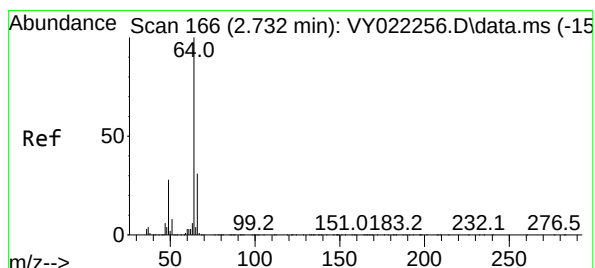
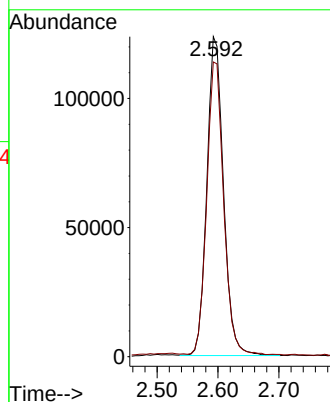
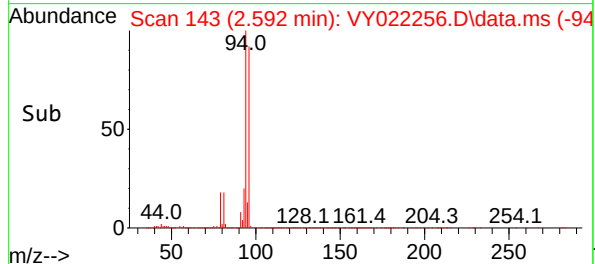
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 234730
Ion Ratio Lower Upper
94 100
96 91.7 73.4 110.0

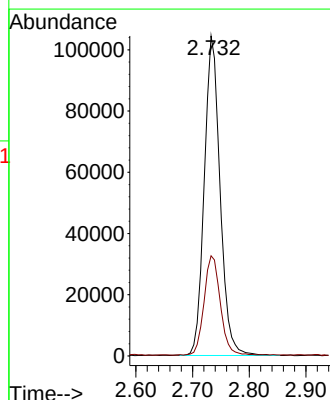
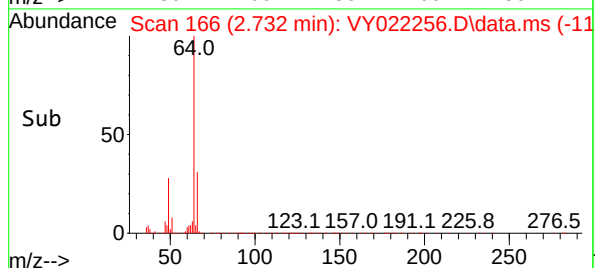
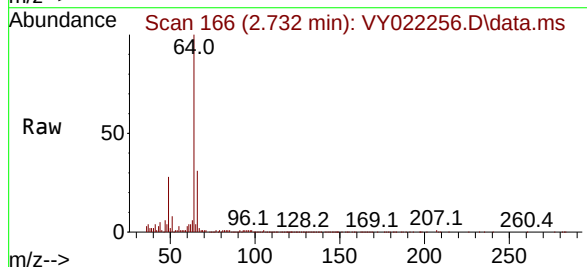
Manual Integrations
APPROVED

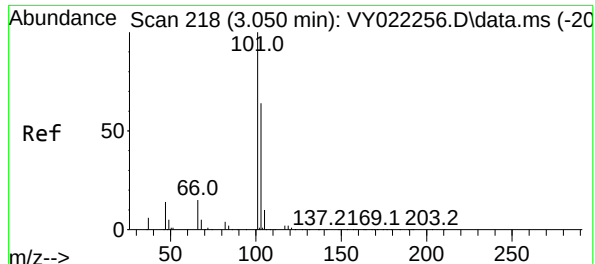
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 49.569 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

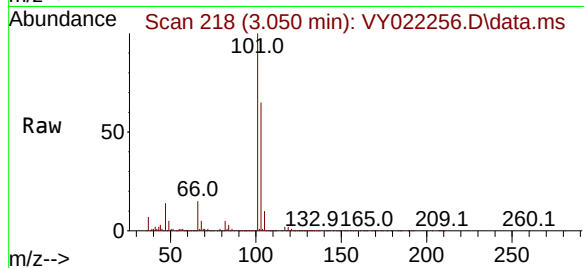
Tgt Ion: 64 Resp: 202370
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2





#7
Trichlorofluoromethane
Concen: 48.898 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

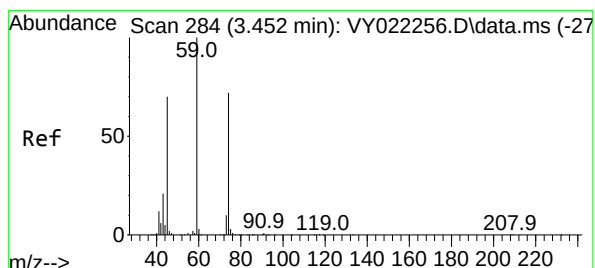
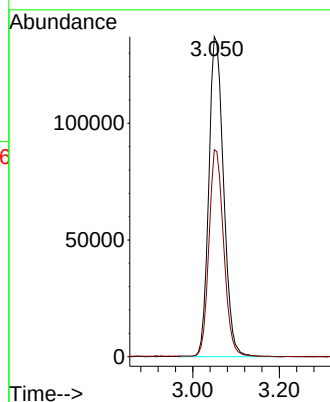
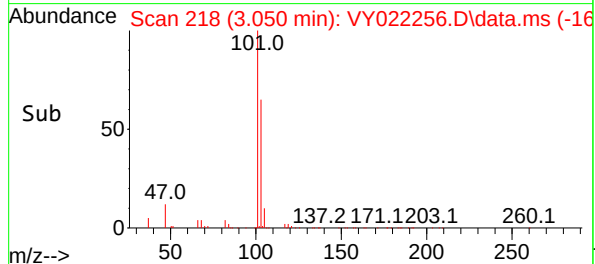
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 32488
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

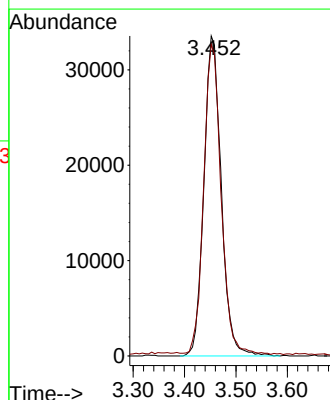
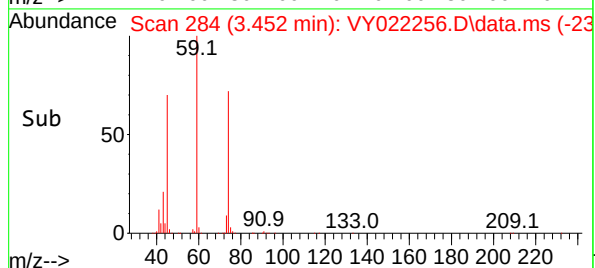
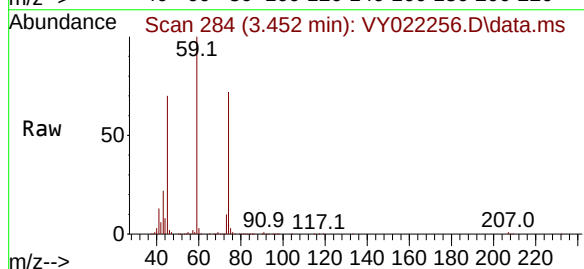
Manual Integrations
APPROVED

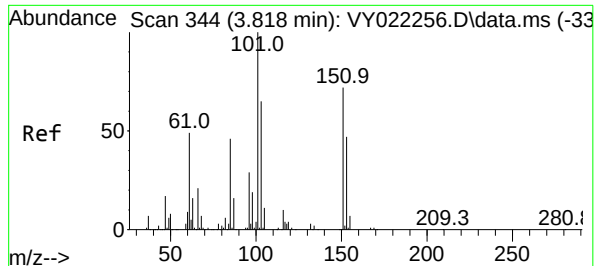
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 49.338 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 74 Resp: 78670
Ion Ratio Lower Upper
74 100
45 97.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.930 ug/l

RT: 3.818 min Scan# 344

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:101 Resp: 144018

Ion Ratio Lower Upper

101 100

85 48.3 38.6 58.0

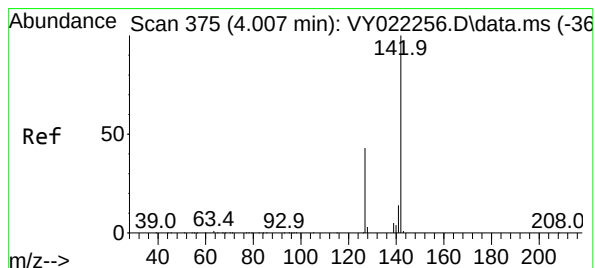
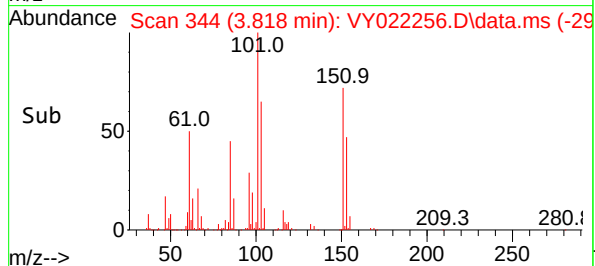
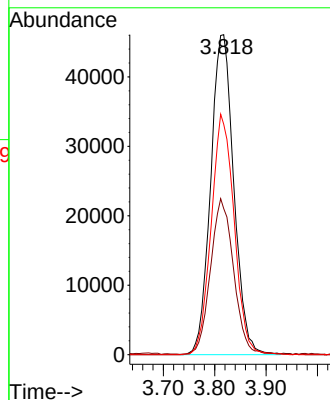
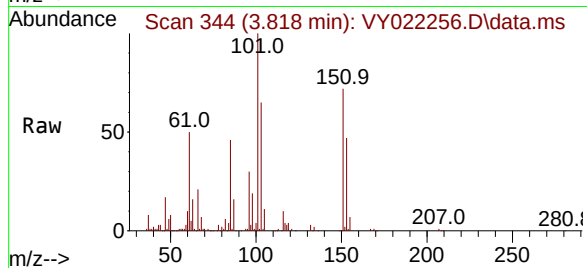
151 74.6 59.7 89.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#10

Methyl Iodide

Concen: 55.091 ug/l

RT: 4.007 min Scan# 375

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

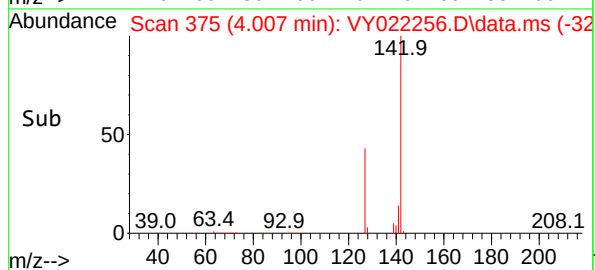
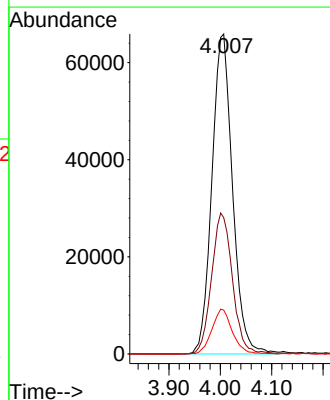
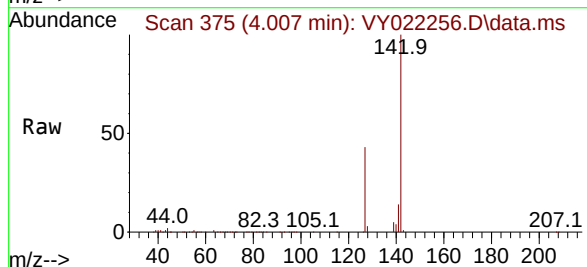
Tgt Ion:142 Resp: 183918

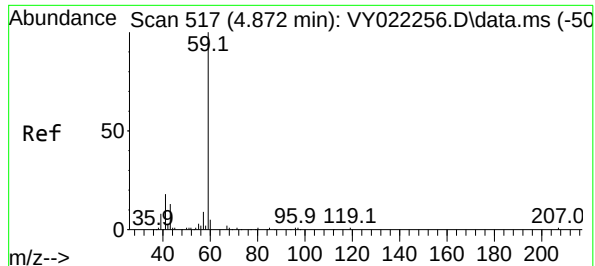
Ion Ratio Lower Upper

142 100

127 44.6 35.7 53.5

141 13.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 231.036 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 51598

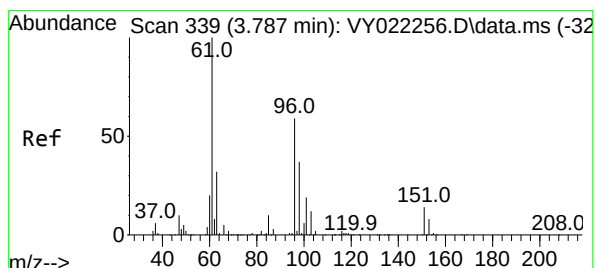
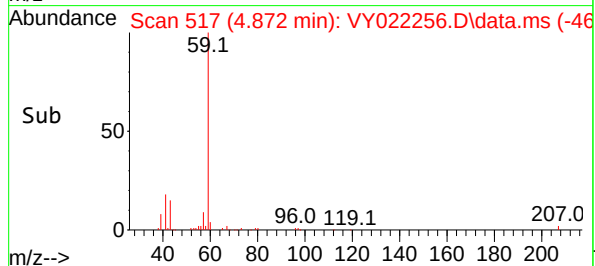
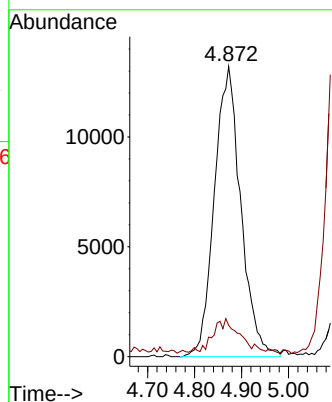
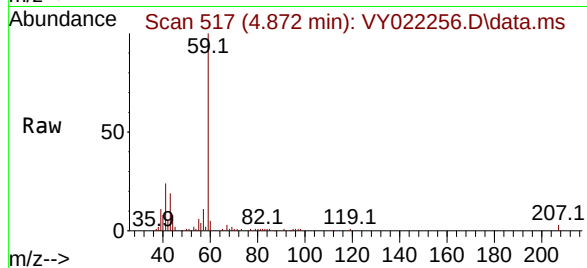
Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#12

1,1-Dichloroethene

Concen: 50.344 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

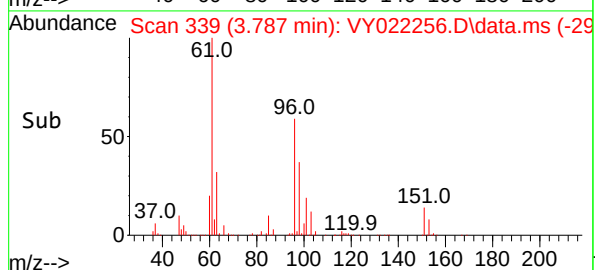
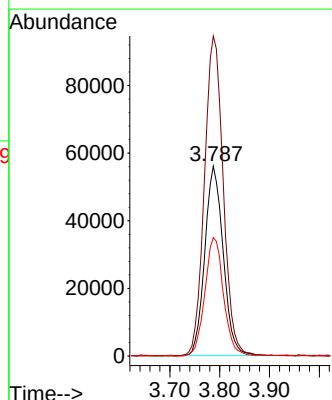
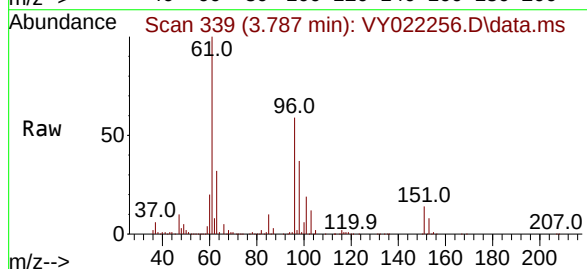
Tgt Ion: 96 Resp: 144103

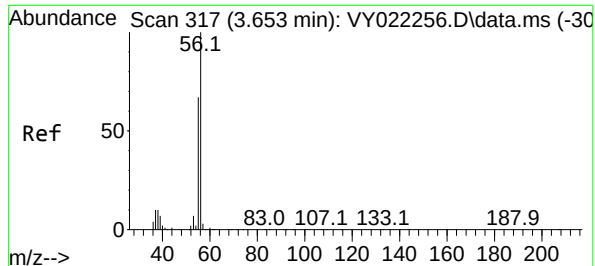
Ion Ratio Lower Upper

96 100

61 168.6 134.9 202.3

98 62.4 49.9 74.9





#13

Acrolein

Concen: 231.010 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 75423

Ion Ratio Lower Upper

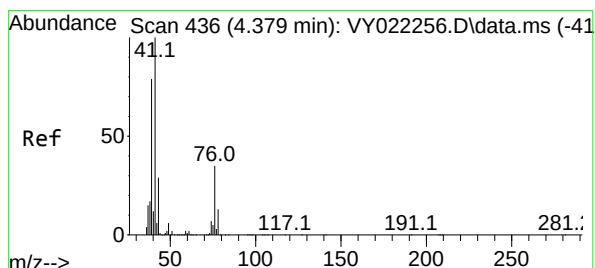
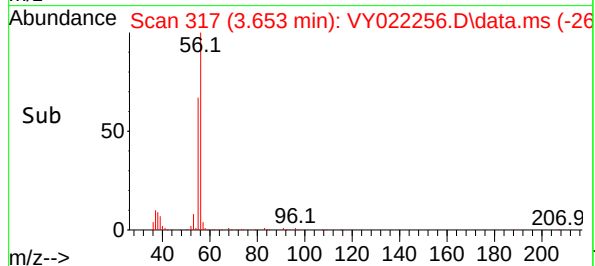
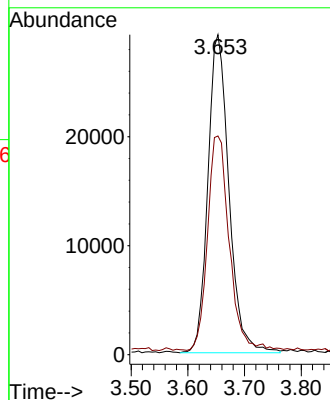
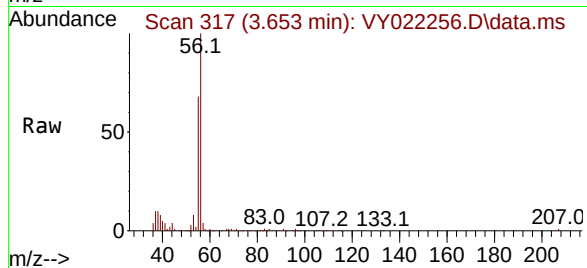
56 100

55 69.5 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#14

Allyl chloride

Concen: 51.106 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

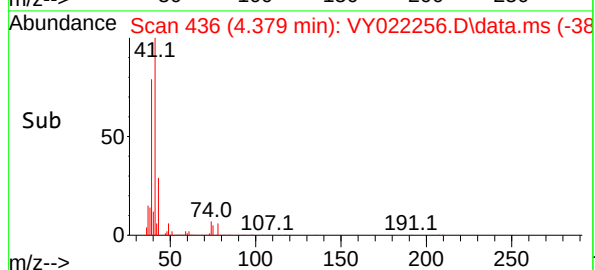
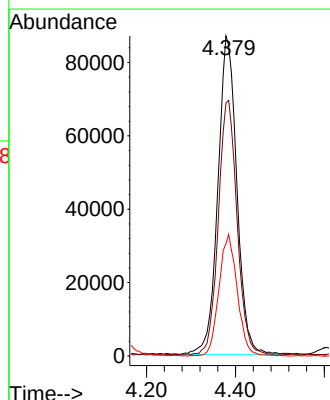
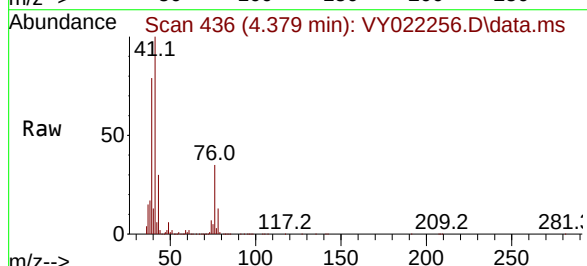
Tgt Ion: 41 Resp: 256499

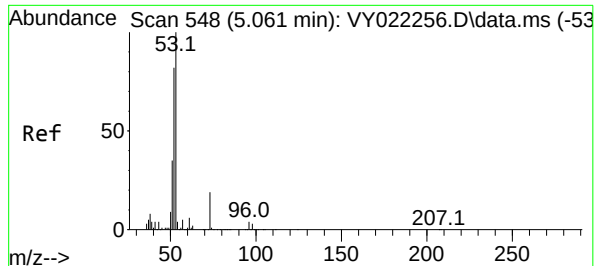
Ion Ratio Lower Upper

41 100

39 79.2 63.4 95.0

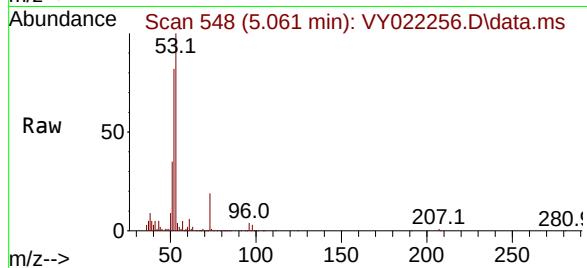
76 36.9 29.5 44.3





#15
Acrylonitrile
Concen: 244.283 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

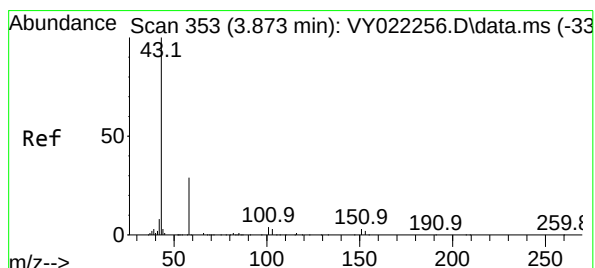
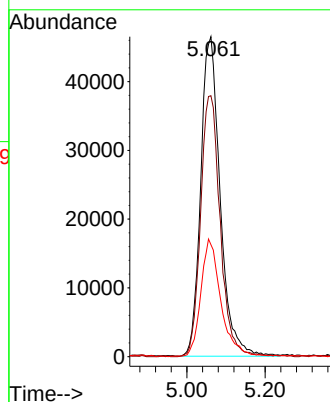
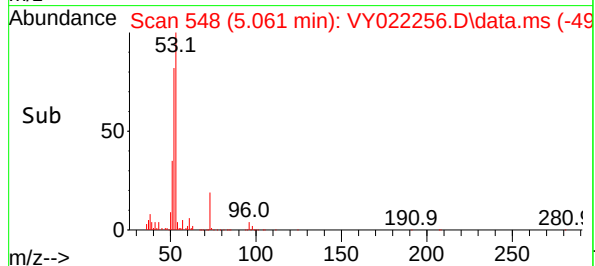
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



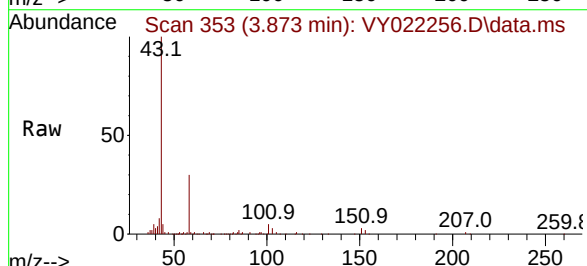
Tgt Ion: 53 Resp: 160490
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.5 30.0 45.0

Manual Integrations
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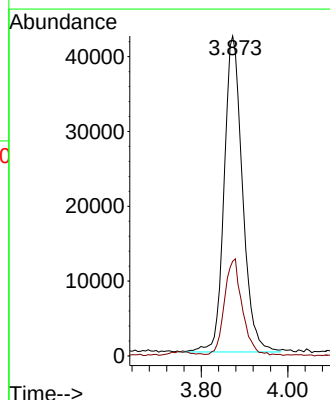
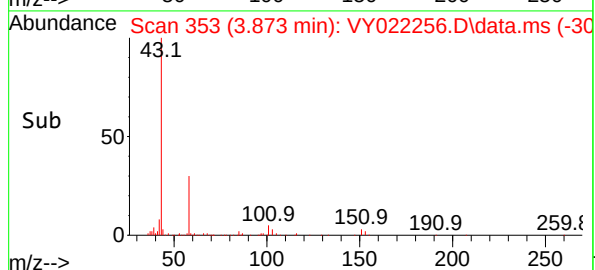
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

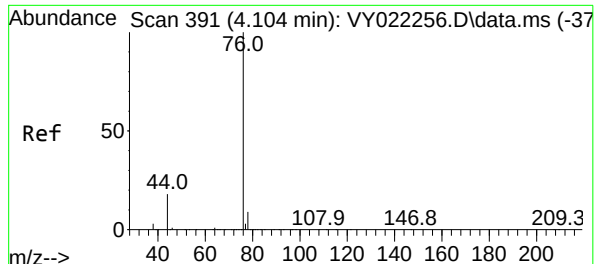


#16
Acetone
Concen: 226.888 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 43 Resp: 124421
Ion Ratio Lower Upper
43 100
58 29.5 23.6 35.4





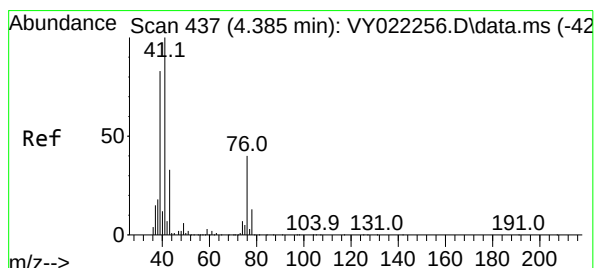
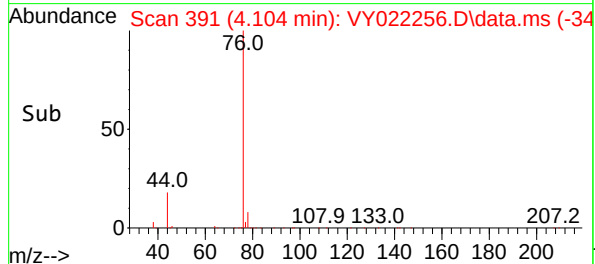
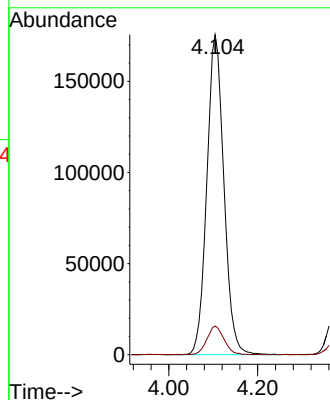
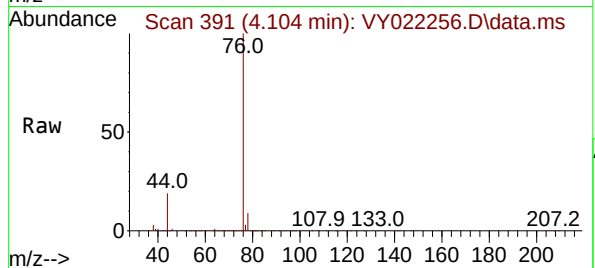
#17
Carbon Disulfide
Concen: 50.244 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 468979
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

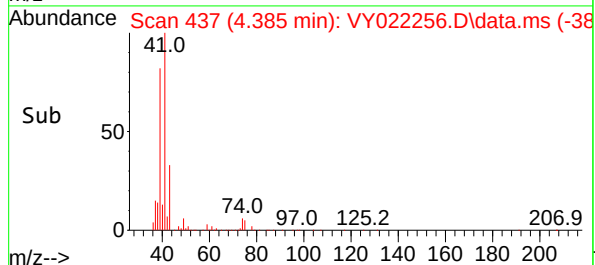
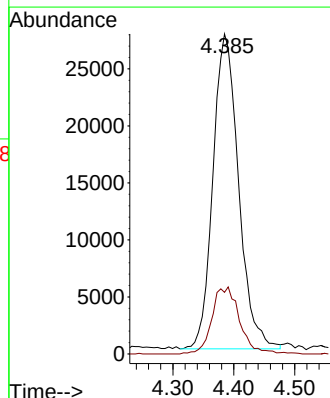
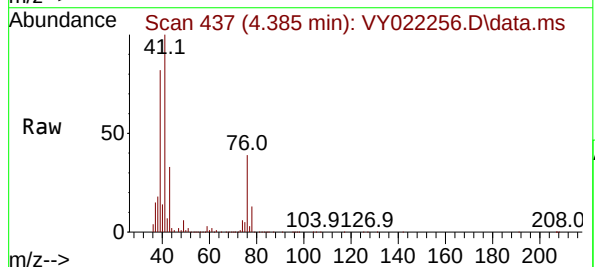
Manual Integrations
APPROVED

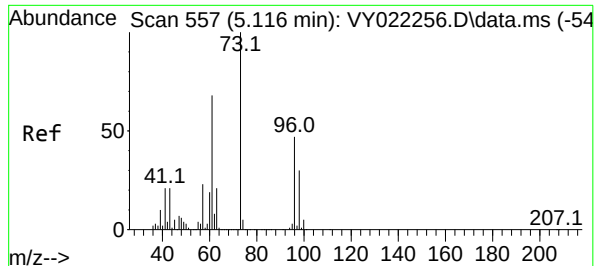
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 48.436 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 43 Resp: 80820
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 49.466 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 39041

Ion Ratio Lower Upper

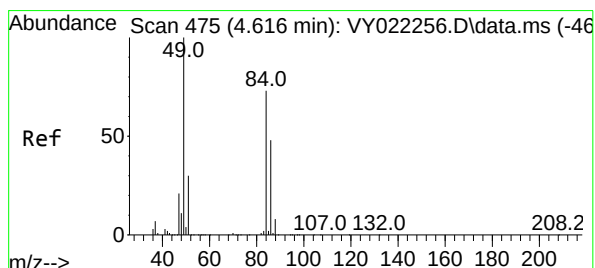
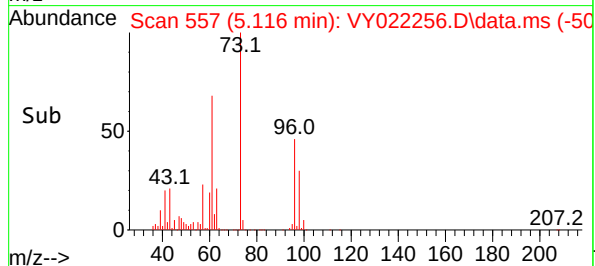
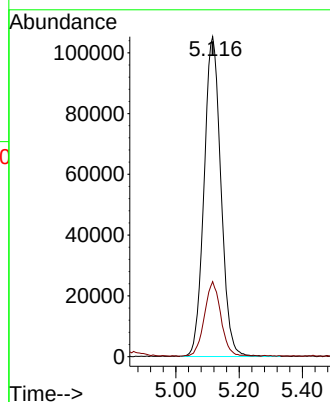
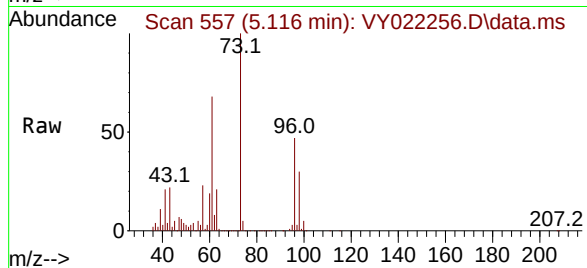
73 100

57 23.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#20

Methylene Chloride

Concen: 45.087 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion: 84 Resp: 159764

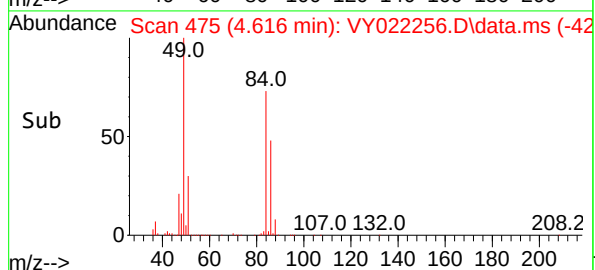
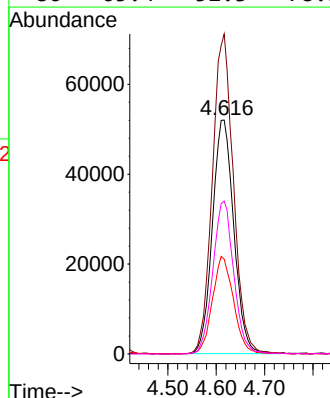
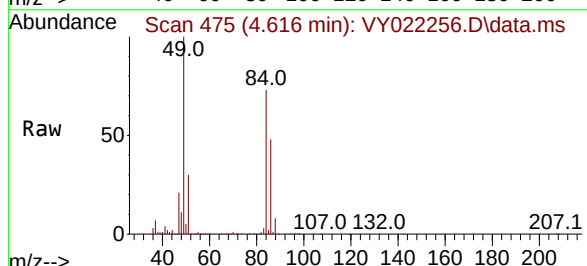
Ion Ratio Lower Upper

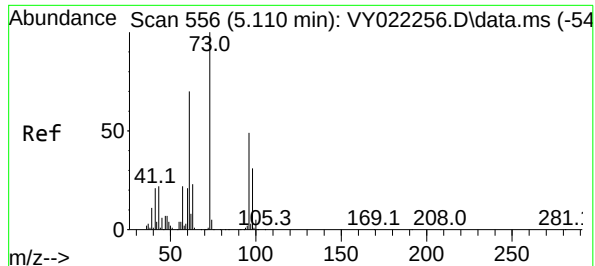
84 100

49 137.0 109.6 164.4

51 40.5 32.4 48.6

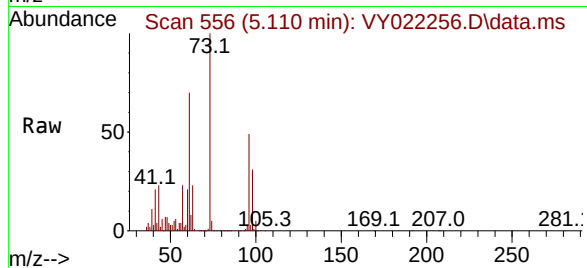
86 65.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.181 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

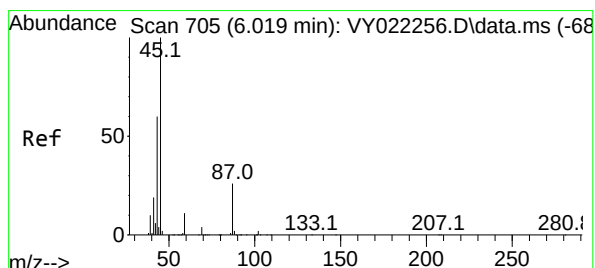
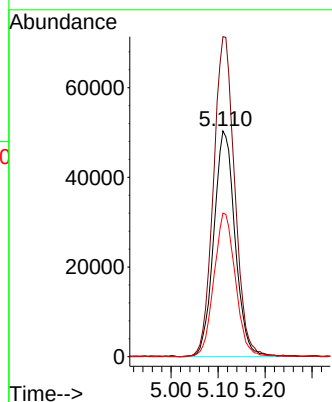
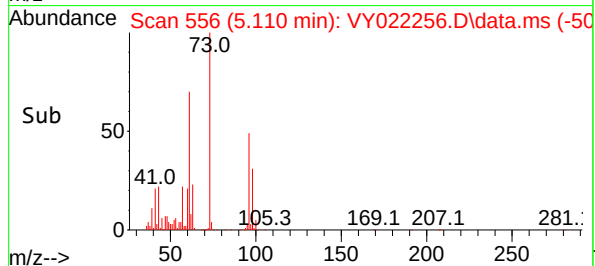
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 158544
Ion Ratio Lower Upper
96 100
61 141.7 113.4 170.0
98 63.6 50.9 76.3

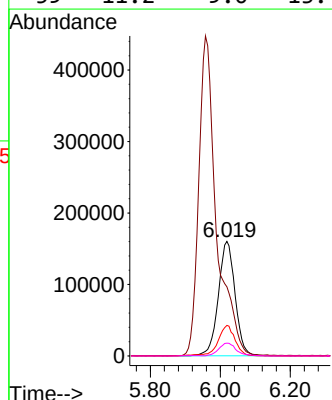
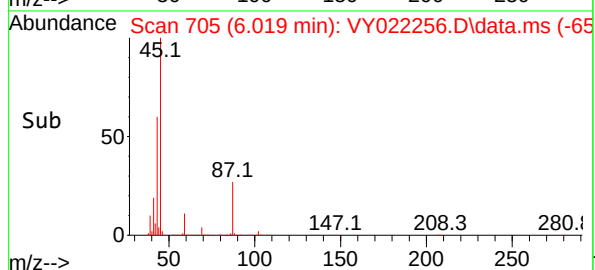
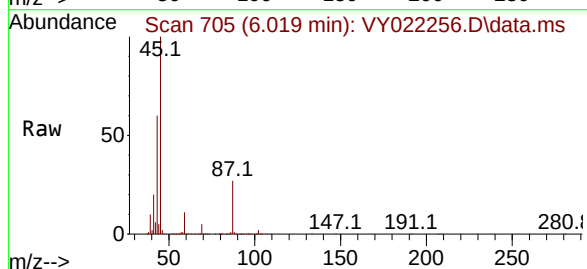
Manual Integrations
APPROVED

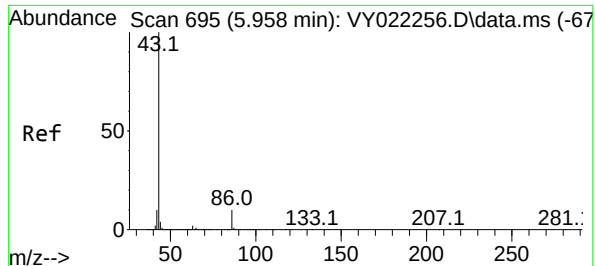
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 50.152 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

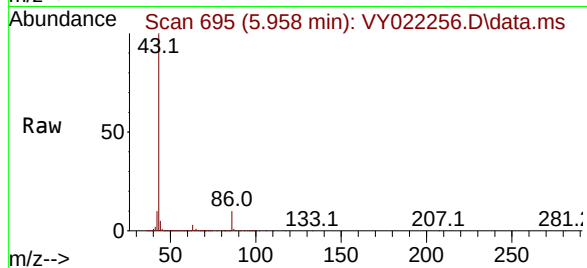
Tgt Ion: 45 Resp: 531560
Ion Ratio Lower Upper
45 100
43 60.2 48.2 72.2
87 26.7 21.4 32.0
59 11.2 9.0 13.4





#23
Vinyl Acetate
Concen: 245.223 ug/l
RT: 5.958 min Scan# 695
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

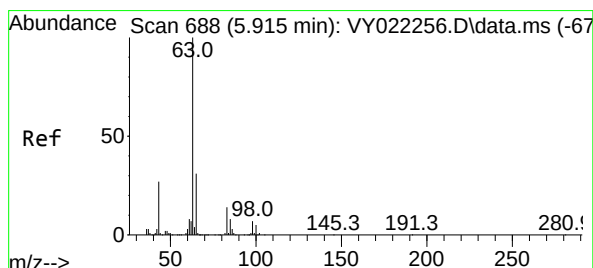
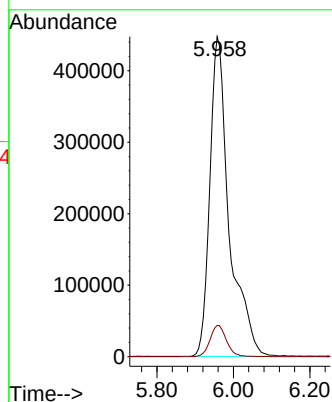
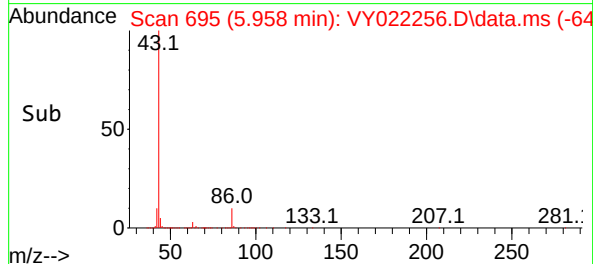
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



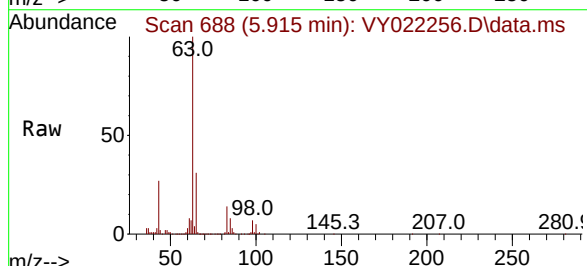
Tgt Ion: 43 Resp: 1570214
Ion Ratio Lower Upper
43 100
86 9.8 7.8 11.8

Manual Integrations
APPROVED

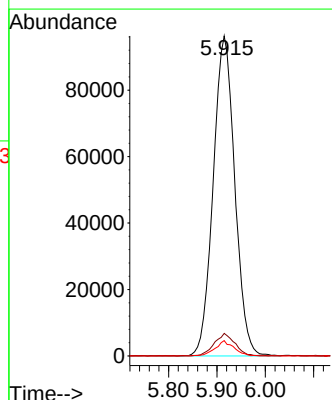
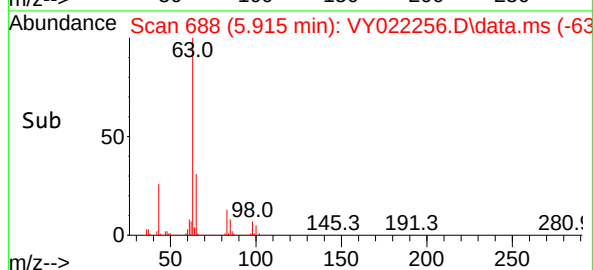
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

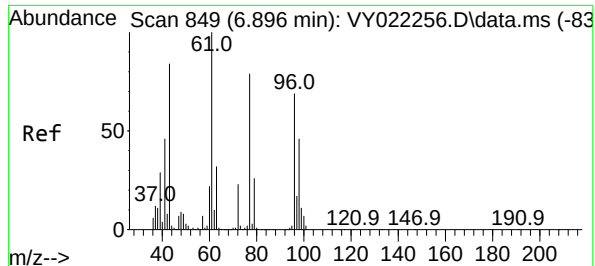


#24
1,1-Dichloroethane
Concen: 50.465 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 63 Resp: 298823
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.5
100 4.8 2.4 7.2





#25

2-Butanone

Concen: 235.291 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 215828

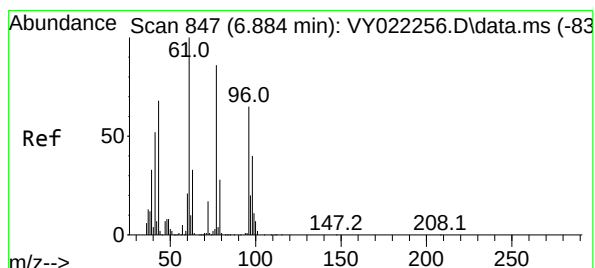
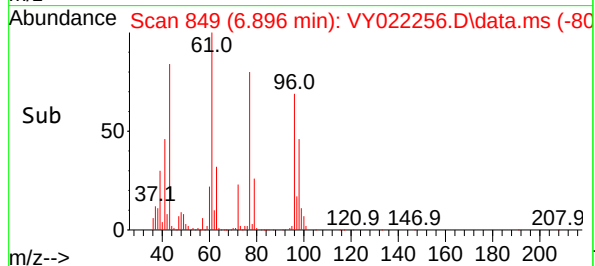
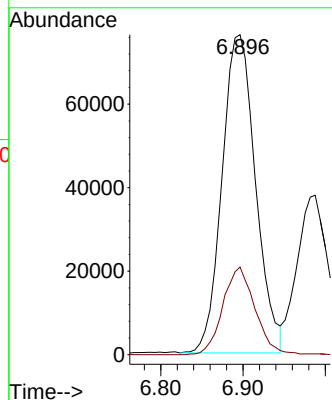
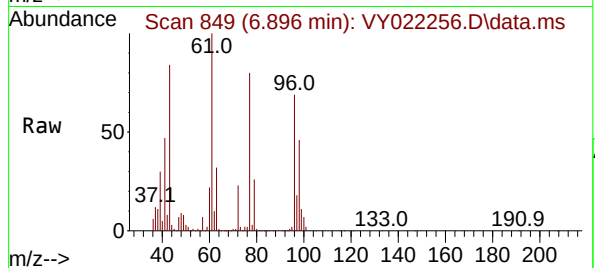
Ion Ratio Lower Upper

43 100

72 27.6 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#26

2,2-Dichloropropane

Concen: 50.153 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022256.D

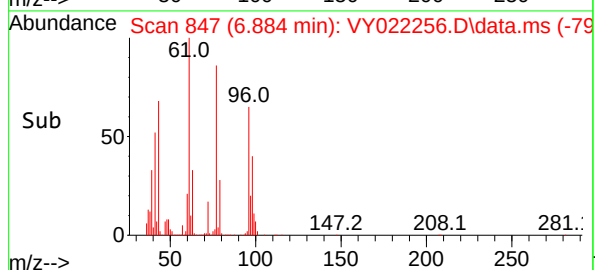
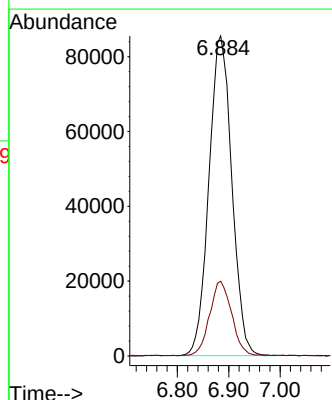
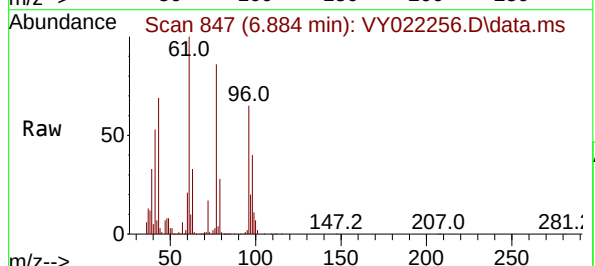
Acq: 15 May 2025 11:02

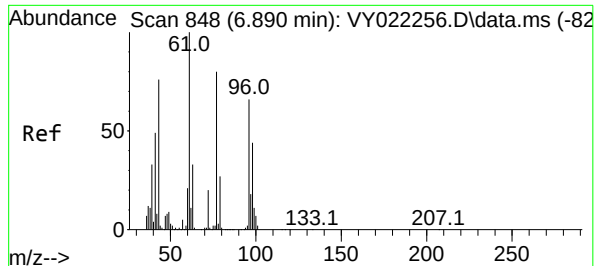
Tgt Ion: 77 Resp: 264141

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 50.698 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion: 96 Resp: 18484

Ion Ratio Lower Upper

96 100

61 151.3 0.0 302.6

98 64.4 0.0 128.8

Instrument :

MSVOA_Y

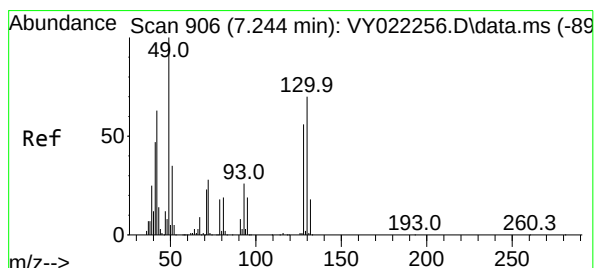
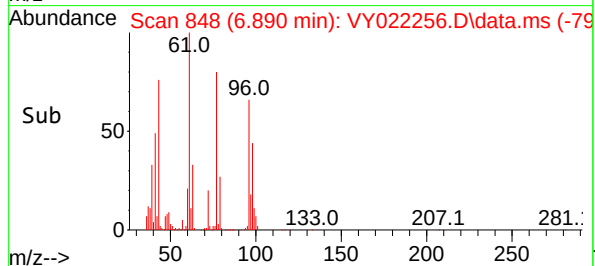
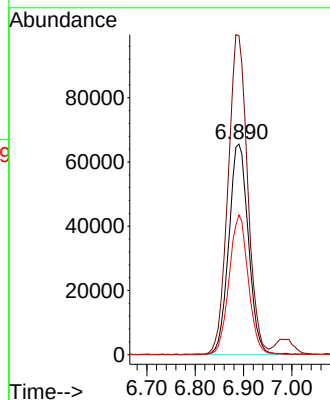
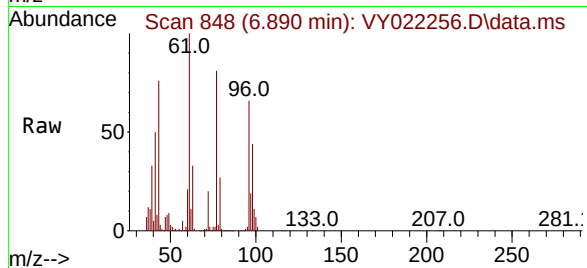
ClientSampleId :

VSTDICCC050

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#28

Bromochloromethane

Concen: 50.100 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

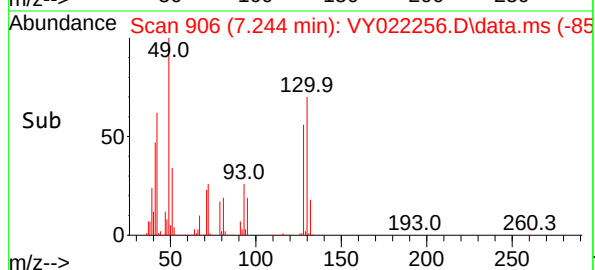
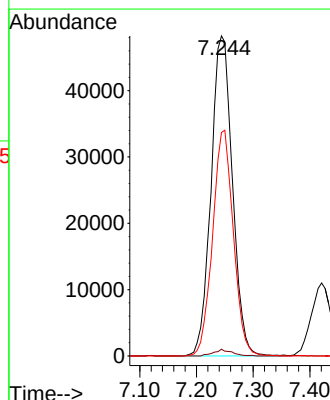
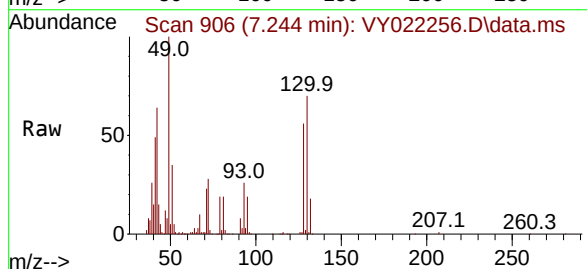
Tgt Ion: 49 Resp: 126541

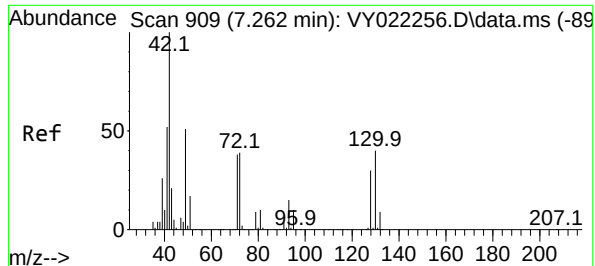
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 241.931 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 142772

Ion Ratio Lower Upper

42 100

72 42.2 33.8 50.6

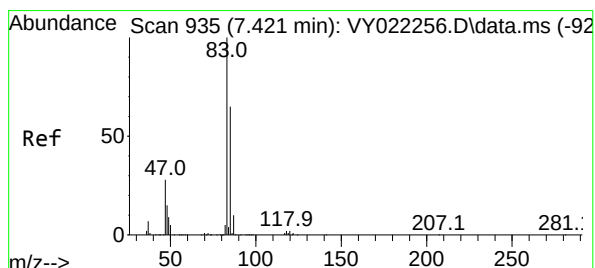
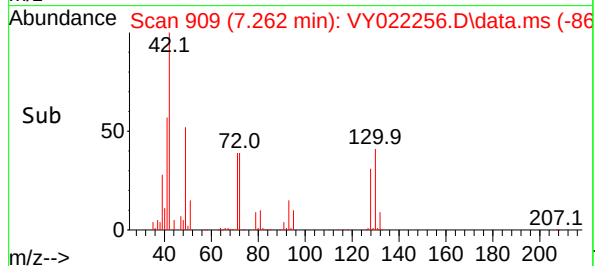
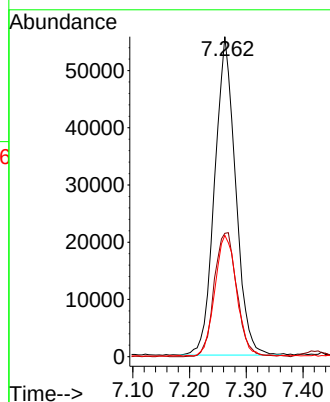
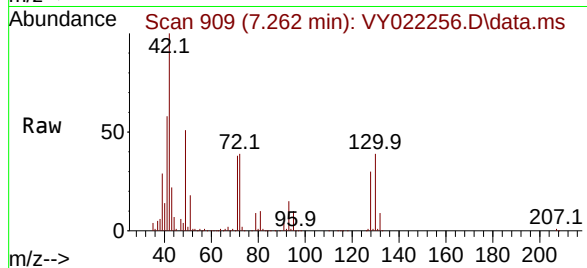
71 39.4 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 50.831 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022256.D

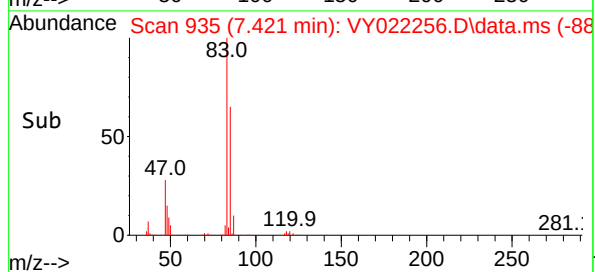
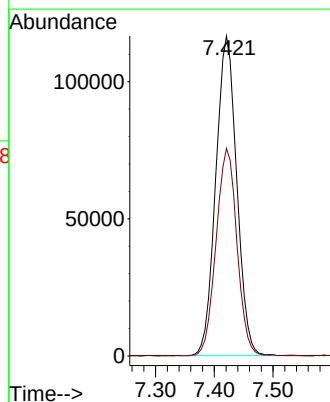
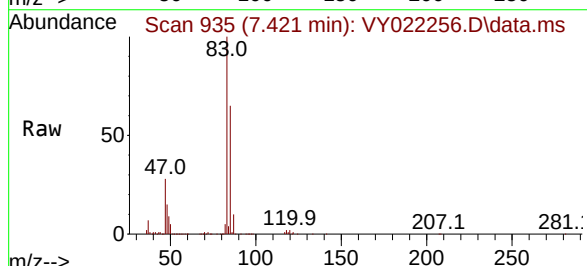
Acq: 15 May 2025 11:02

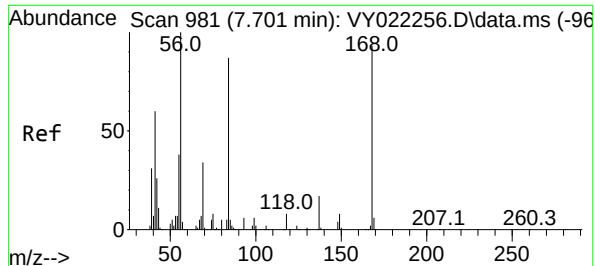
Tgt Ion: 83 Resp: 288708

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 47.728 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 282379

Ion Ratio Lower Upper

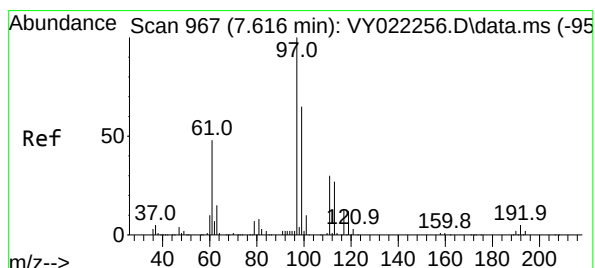
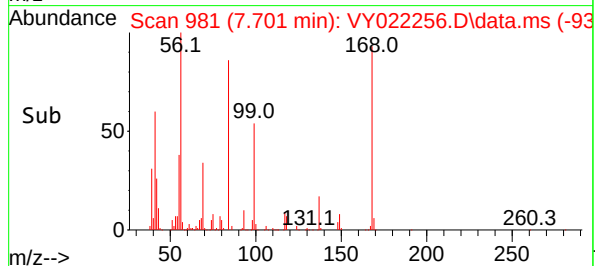
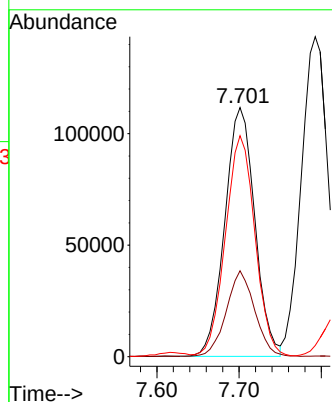
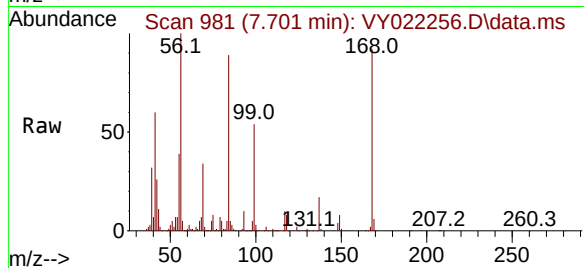
56 100

69 34.3 27.4 41.2

84 87.5 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#32

1,1,1-Trichloroethane

Concen: 49.777 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

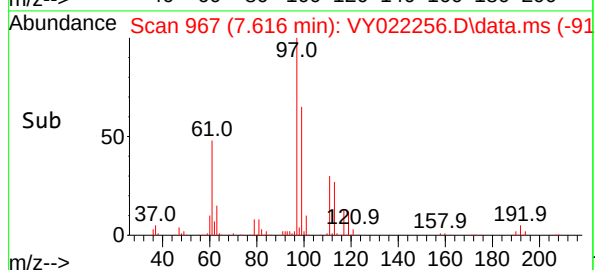
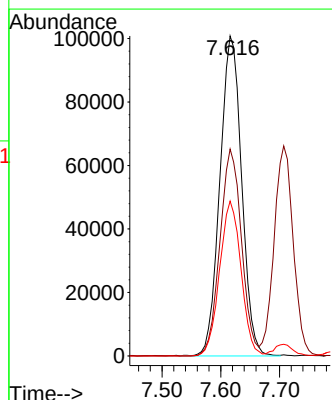
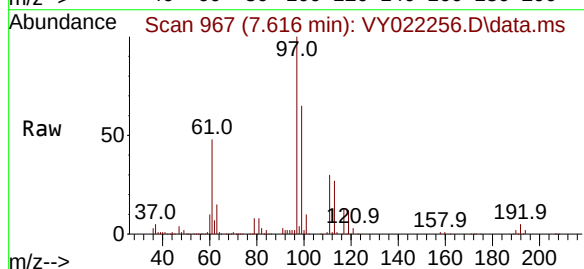
Tgt Ion: 97 Resp: 259382

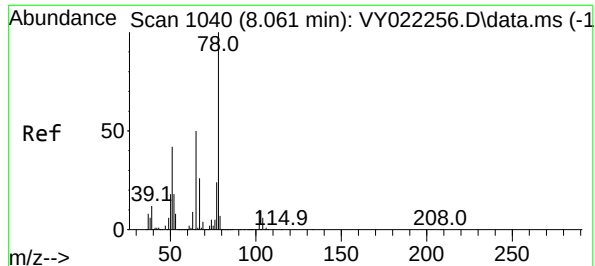
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 47.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 49.481 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 14471

Ion Ratio Lower Upper

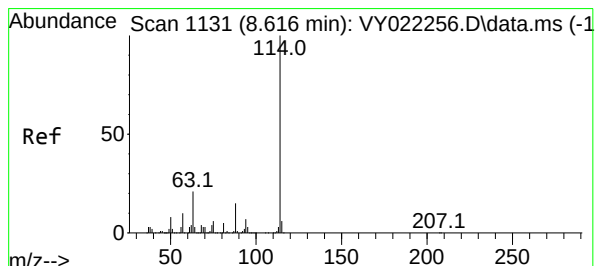
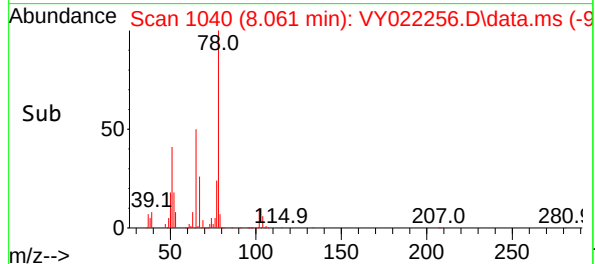
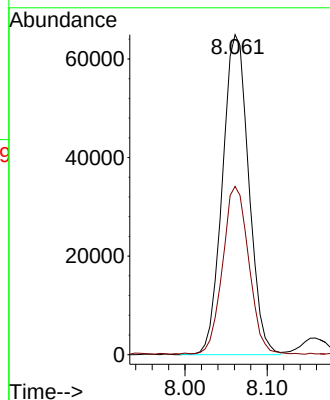
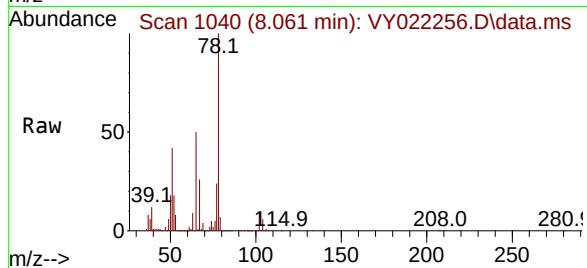
65 100

67 52.3 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

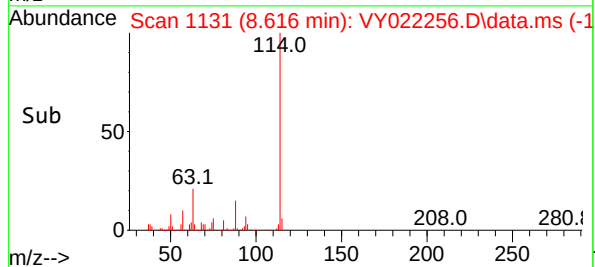
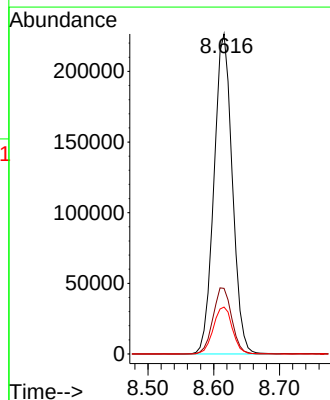
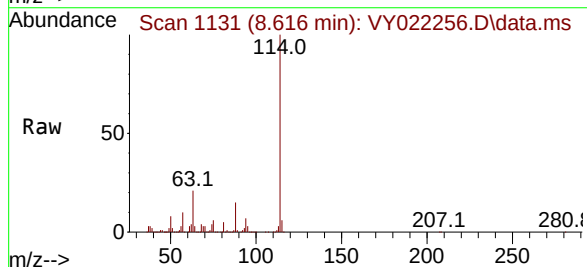
Tgt Ion:114 Resp: 439323

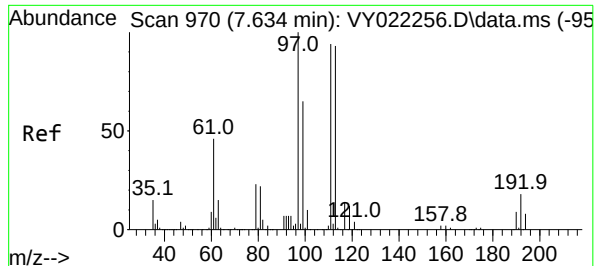
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.495 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 132404

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

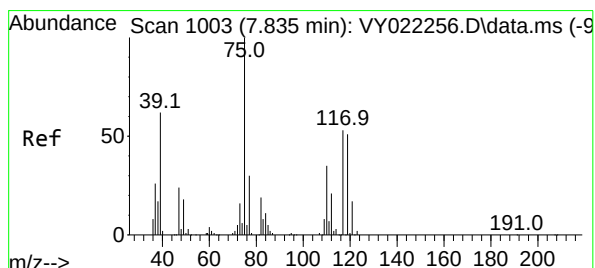
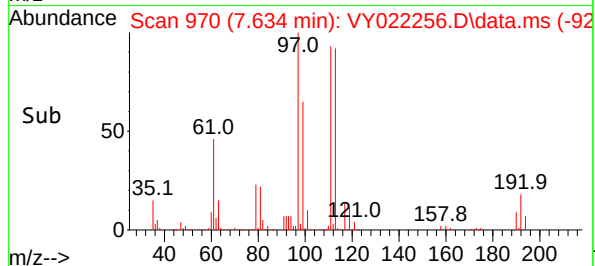
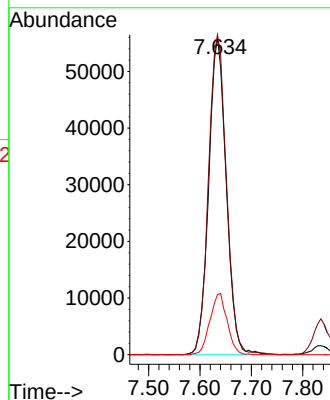
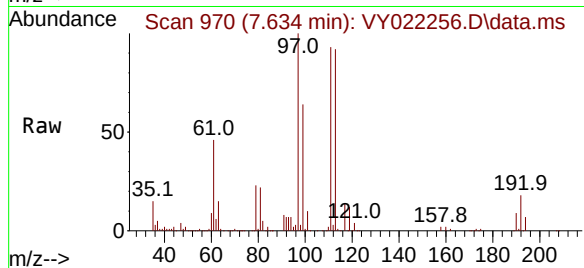
192 19.0 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 51.388 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

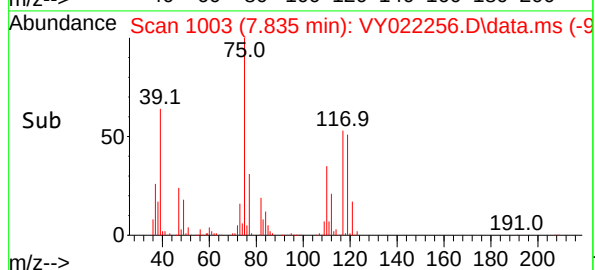
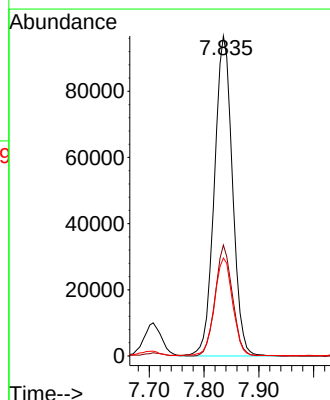
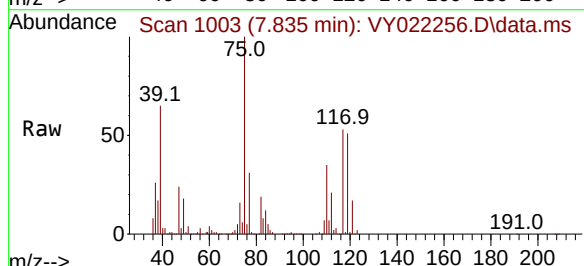
Tgt Ion: 75 Resp: 221943

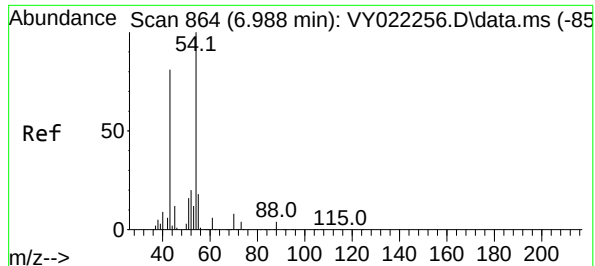
Ion Ratio Lower Upper

75 100

110 33.2 16.6 49.8

77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 49.529 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 102924

Ion Ratio Lower Upper

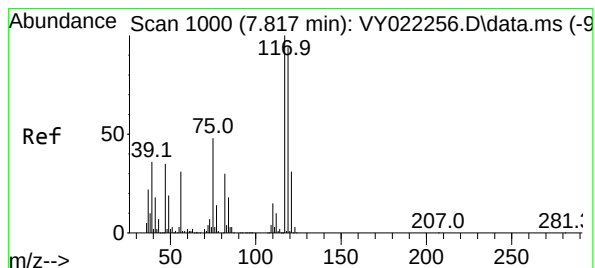
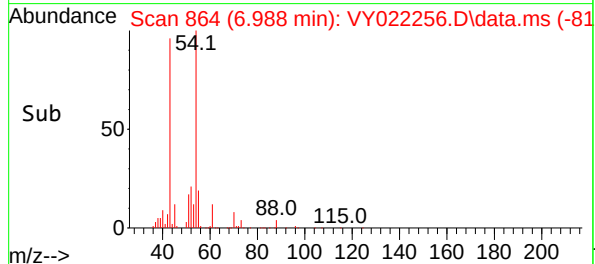
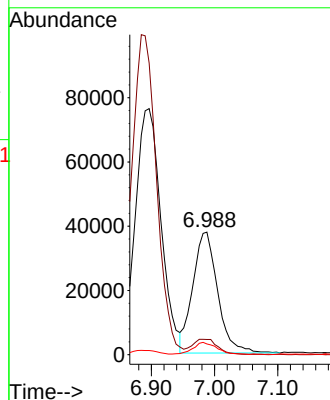
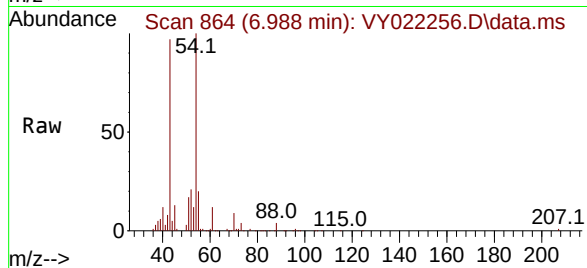
43 100

61 12.7 10.2 15.2

70 9.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#38

Carbon Tetrachloride

Concen: 50.754 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

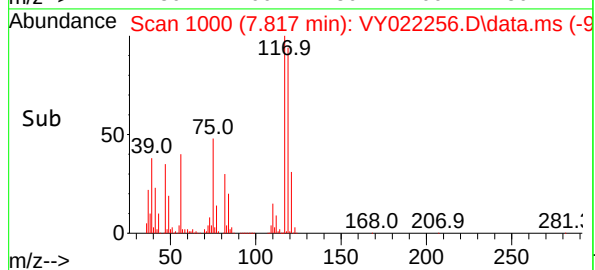
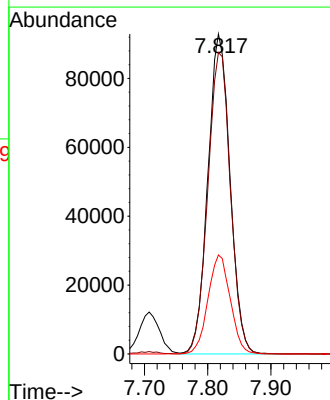
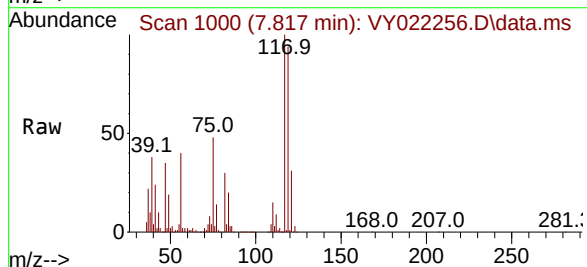
Tgt Ion:117 Resp: 226903

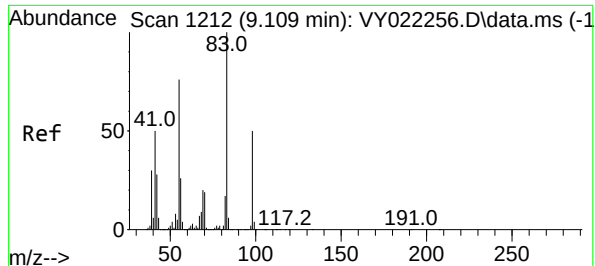
Ion Ratio Lower Upper

117 100

119 94.1 75.3 112.9

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 50.726 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 294330

Ion Ratio Lower Upper

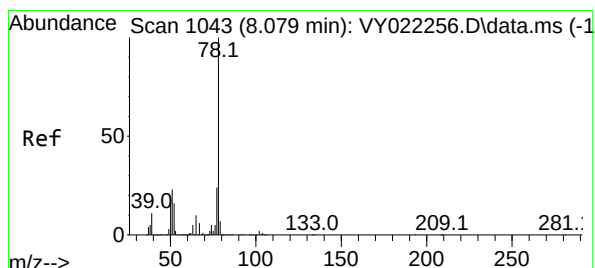
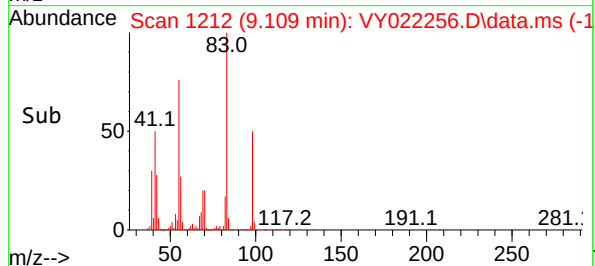
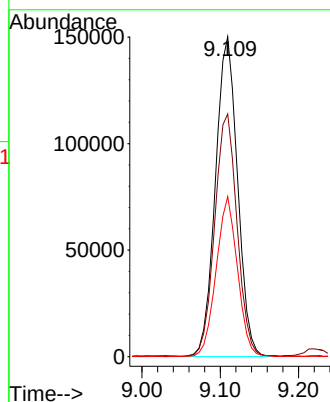
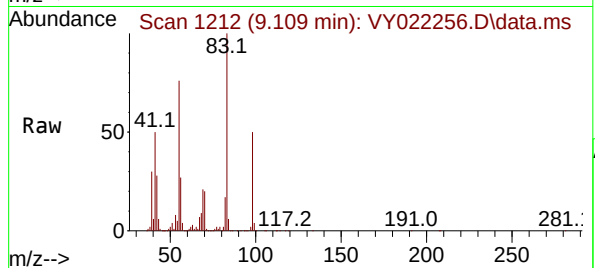
83 100

55 75.7 60.6 90.8

98 50.0 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#40

Benzene

Concen: 51.442 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022256.D

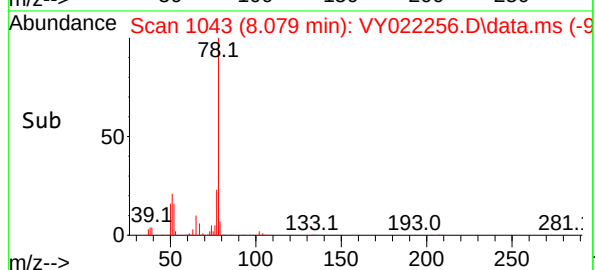
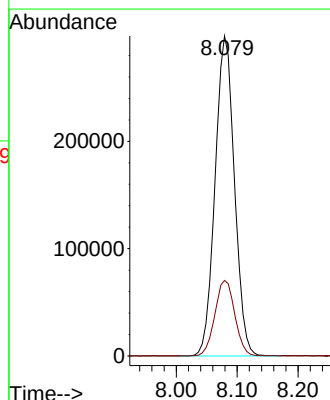
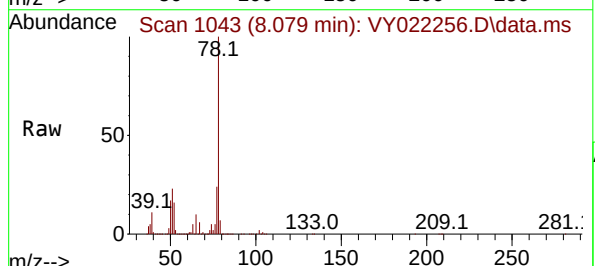
Acq: 15 May 2025 11:02

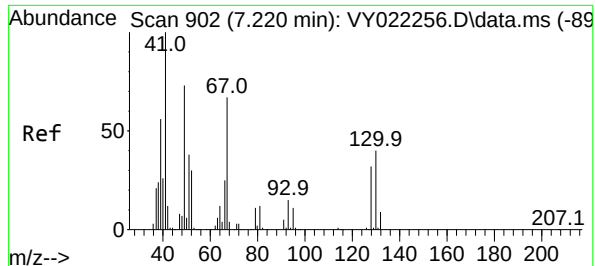
Tgt Ion: 78 Resp: 658644

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3





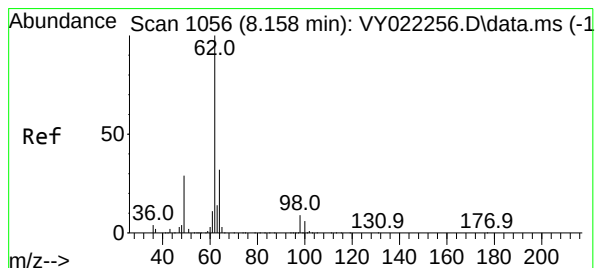
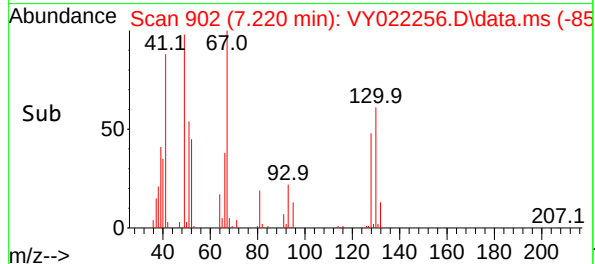
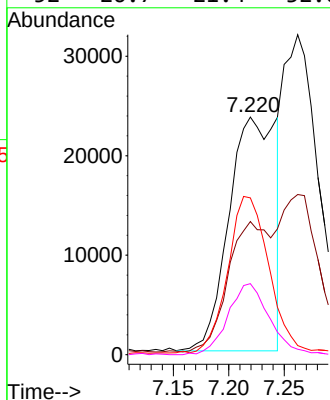
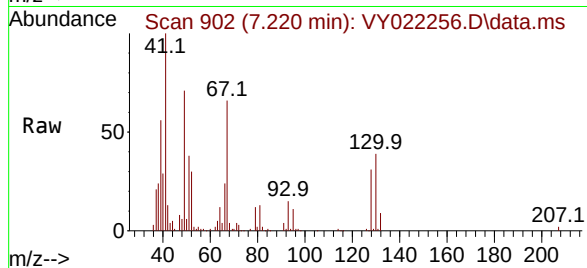
#41
Methacrylonitrile
Concen: 45.691 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	69470
Ion Ratio	Lower	Upper	
41	100		
39	48.8	39.1	58.7
67	58.7	47.1	70.7
52	26.7	21.4	32.0

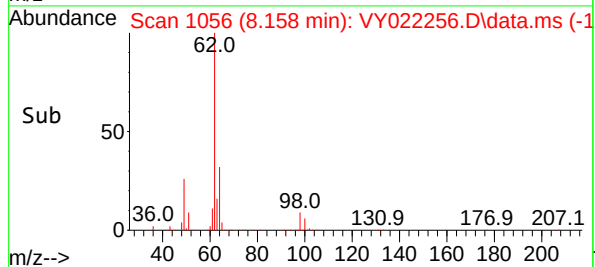
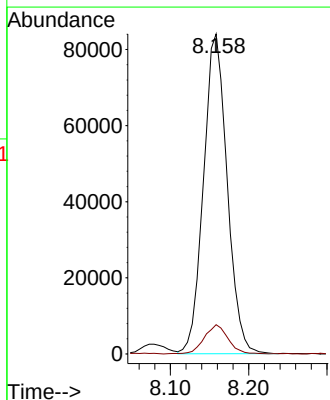
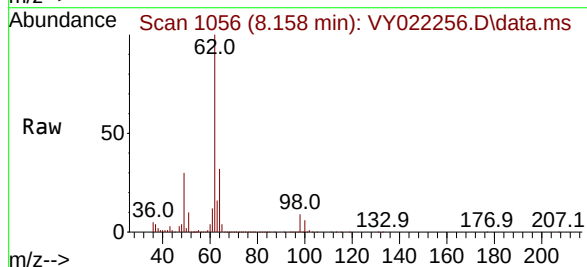
Manual Integrations
APPROVED

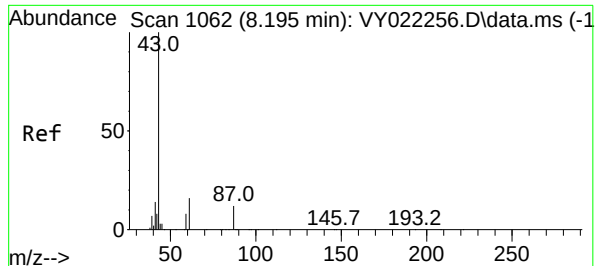
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 50.954 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:	62	Resp:	176425
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 49.785 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 225628

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

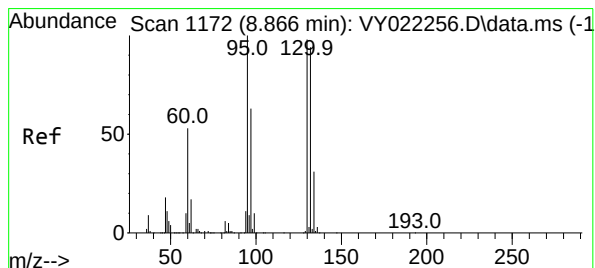
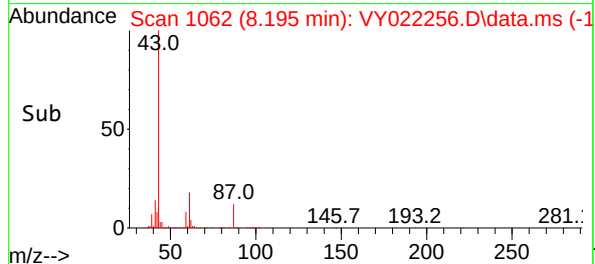
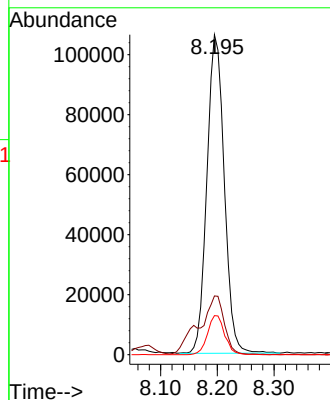
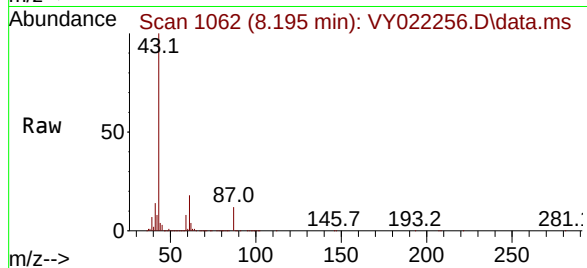
87 12.1 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#44

Trichloroethene

Concen: 51.138 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022256.D

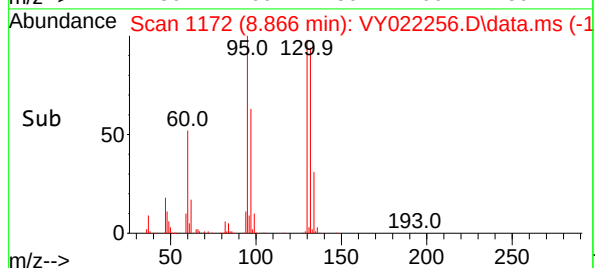
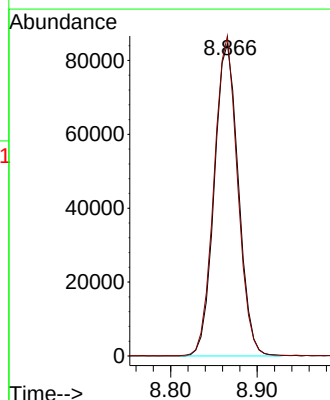
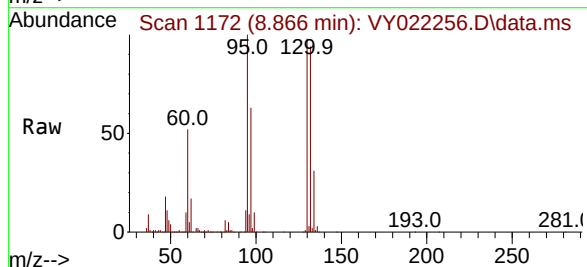
Acq: 15 May 2025 11:02

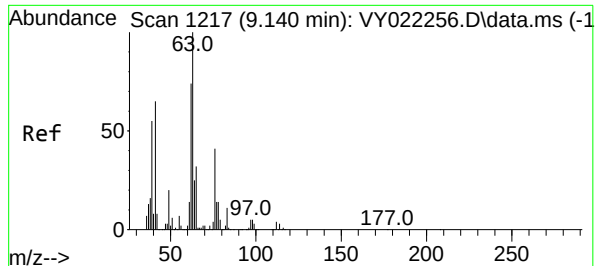
Tgt Ion:130 Resp: 162802

Ion Ratio Lower Upper

130 100

95 102.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 50.819 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 156870

Ion Ratio Lower Upper

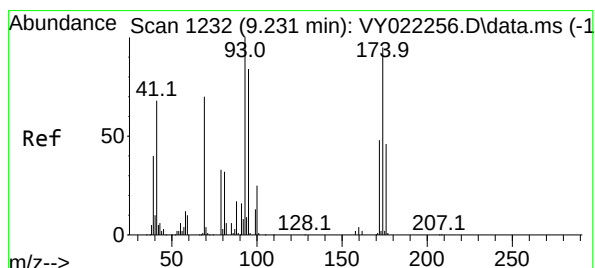
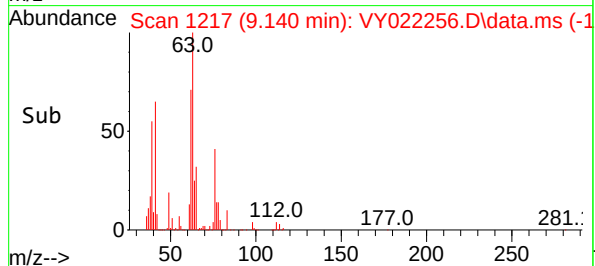
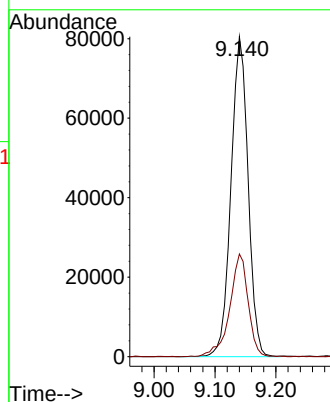
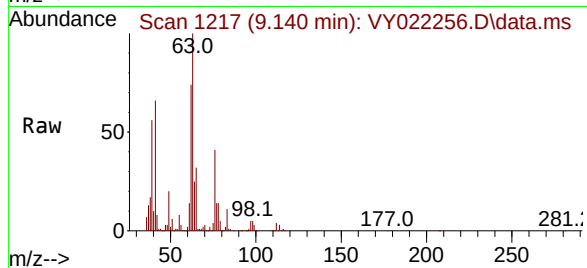
63 100

65 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 49.849 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

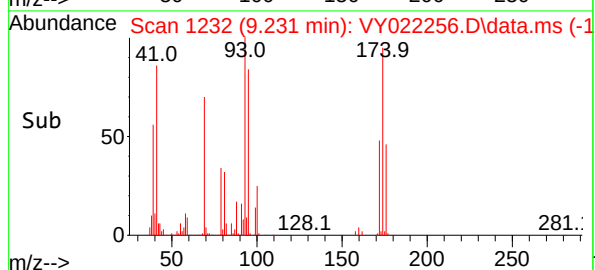
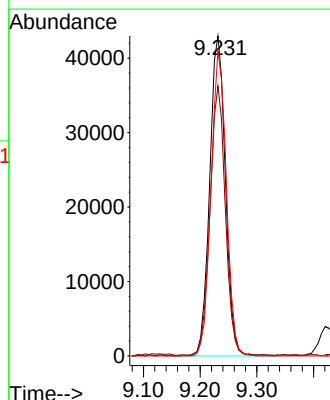
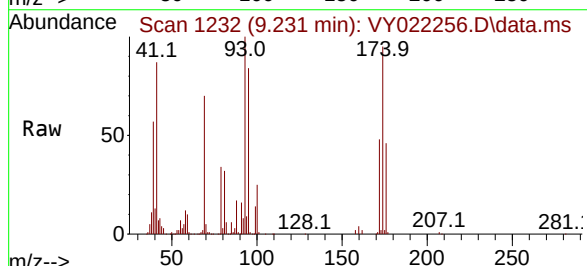
Tgt Ion: 93 Resp: 82994

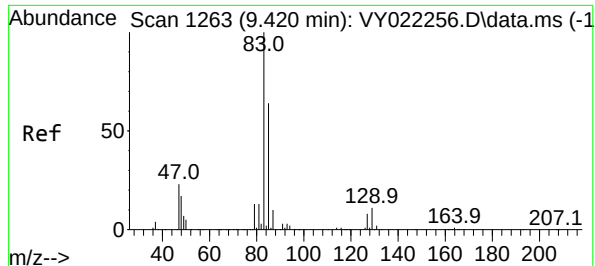
Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 92.9 74.3 111.5





#47

Bromodichloromethane

Concen: 51.435 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

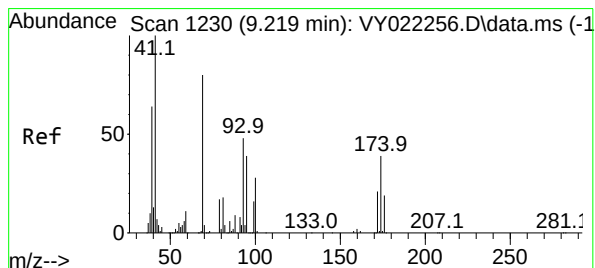
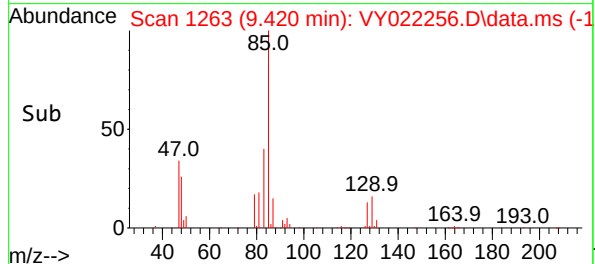
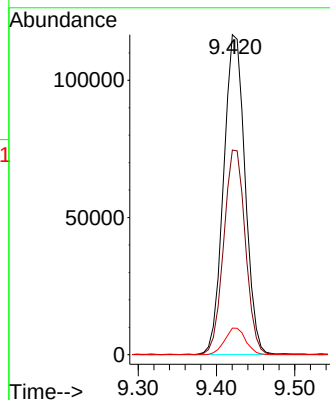
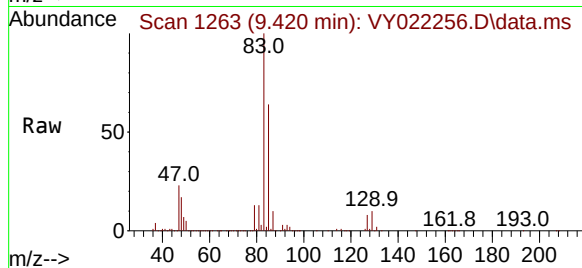
VSTDICCC050

Tgt Ion:	83	Resp:	22215
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.3	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48

Methyl methacrylate

Concen: 49.726 ug/l

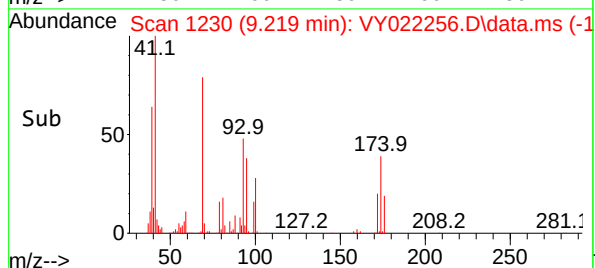
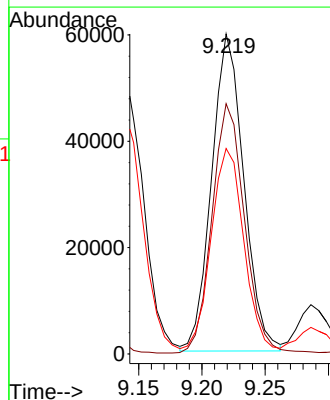
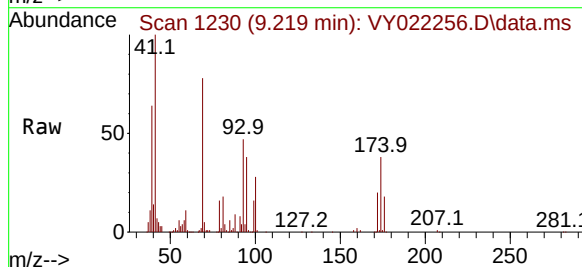
RT: 9.219 min Scan# 1230

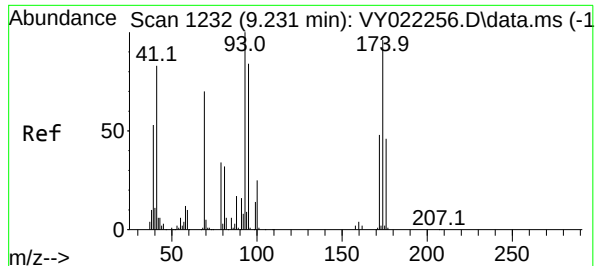
Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion:	41	Resp:	105390
Ion	Ratio	Lower	Upper
41	100		
69	79.4	63.5	95.3
39	63.5	50.8	76.2





#49

1,4-Dioxane

Concen: 958.446 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 1802

Ion Ratio Lower Upper

88 100

43 35.6 28.5 42.7

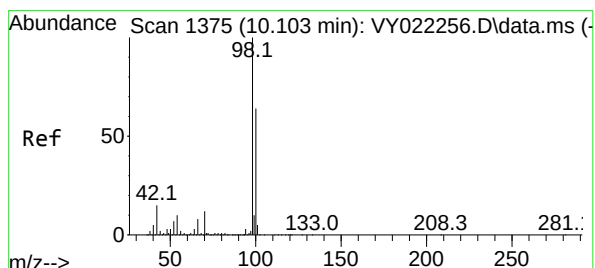
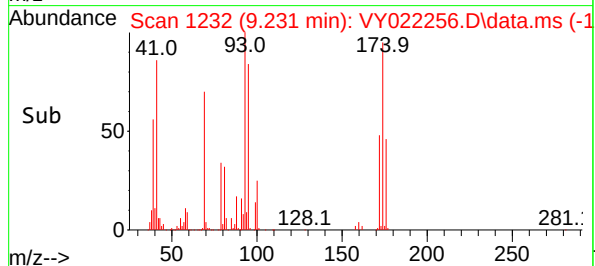
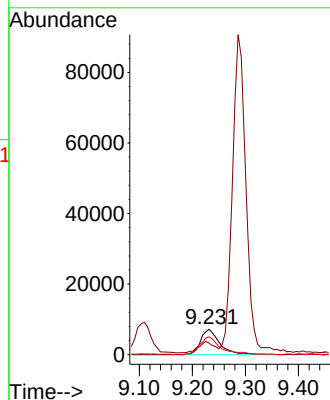
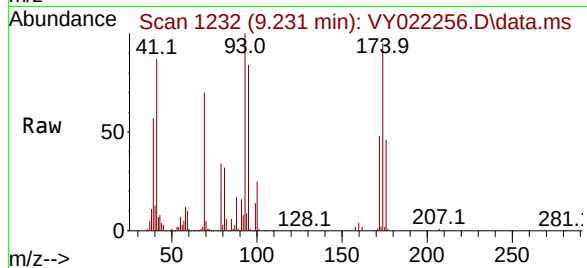
58 76.8 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 50.311 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022256.D

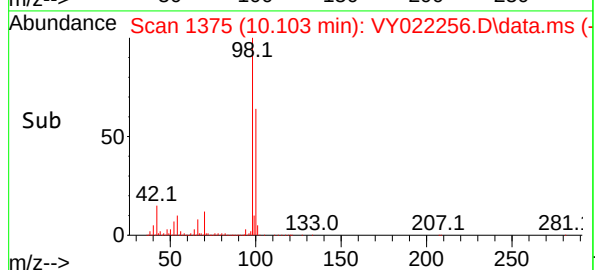
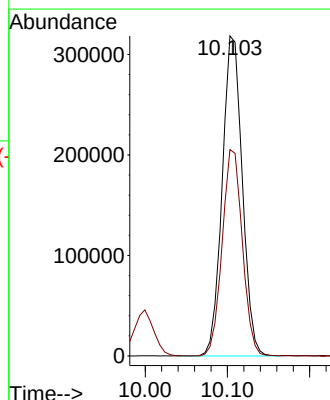
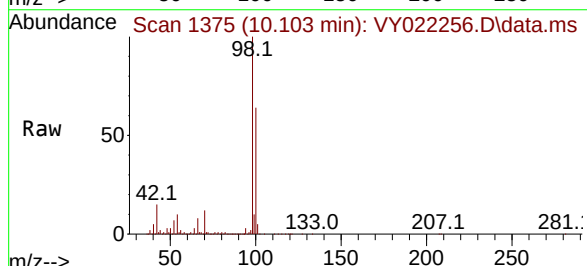
Acq: 15 May 2025 11:02

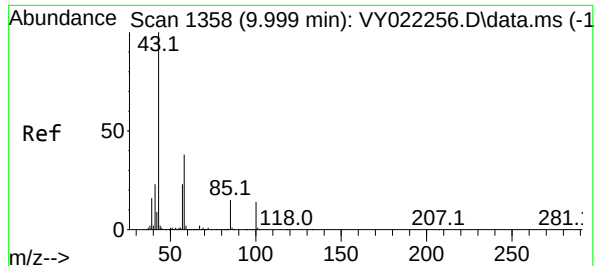
Tgt Ion: 98 Resp: 540296

Ion Ratio Lower Upper

98 100

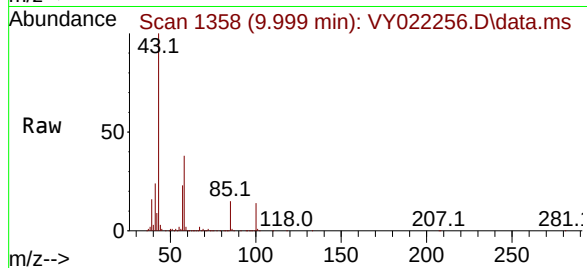
100 64.8 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 250.085 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

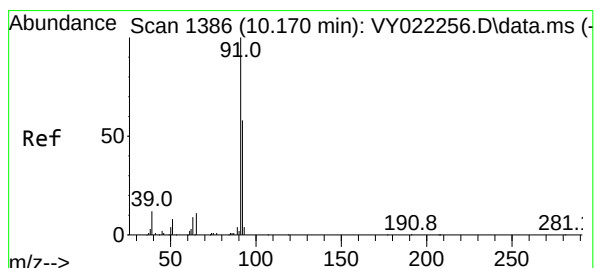
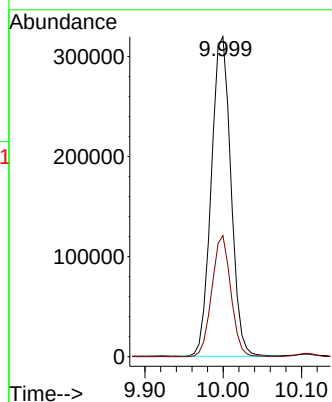
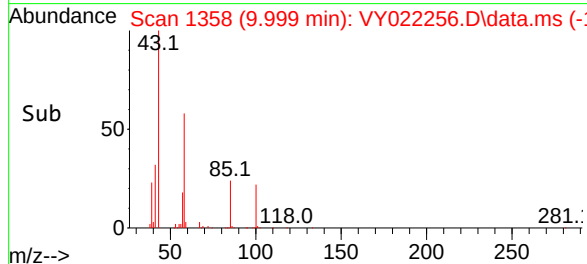
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 556123
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2

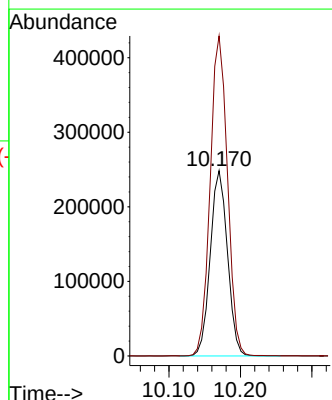
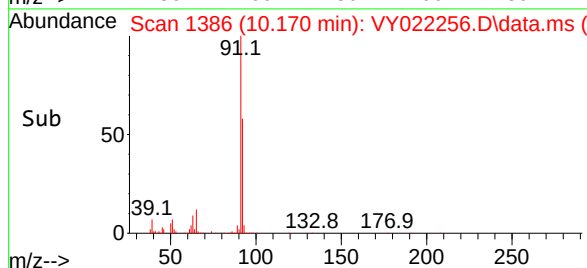
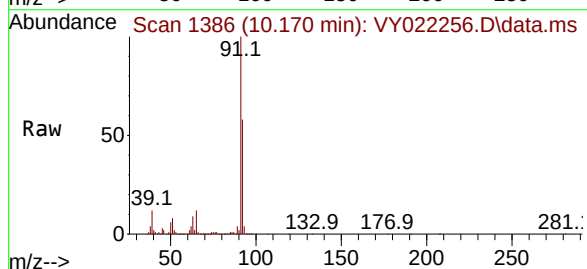
Manual Integrations
APPROVED

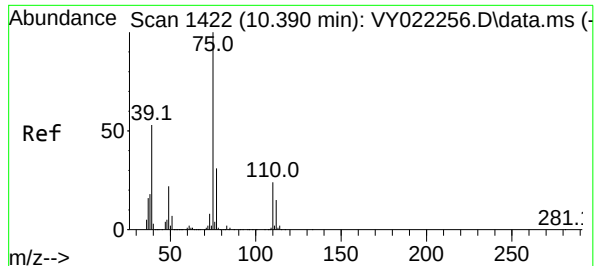
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 51.134 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 92 Resp: 414584
Ion Ratio Lower Upper
92 100
91 173.9 139.1 208.7





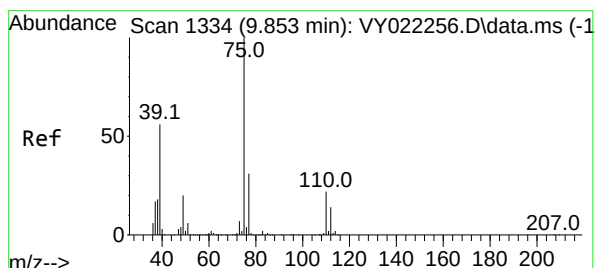
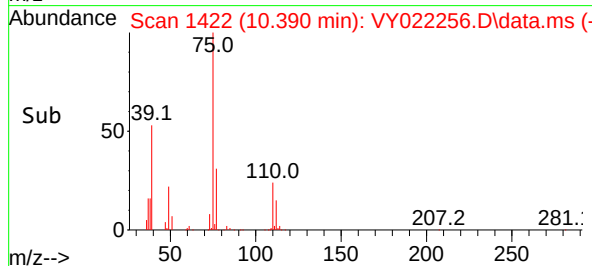
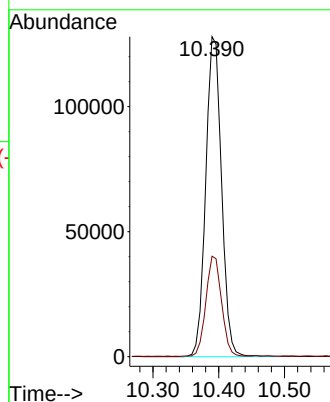
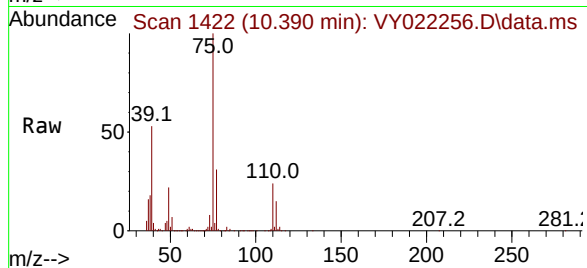
#53
t-1,3-Dichloropropene
Concen: 50.768 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 213990
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

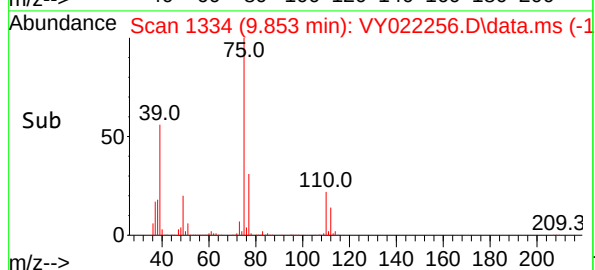
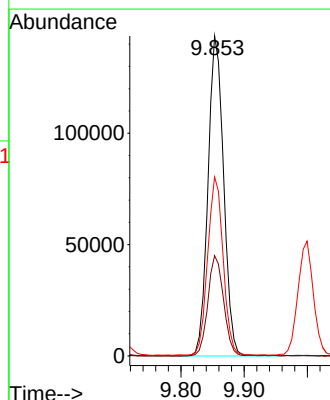
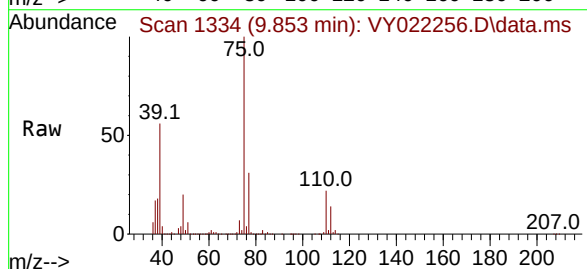
Manual Integrations
APPROVED

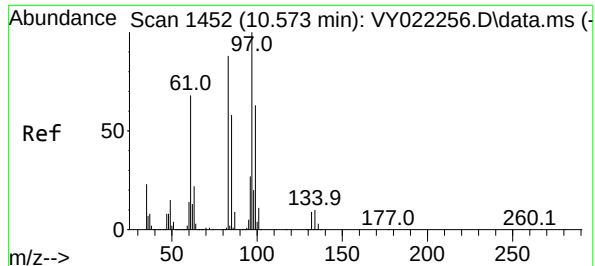
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 51.143 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

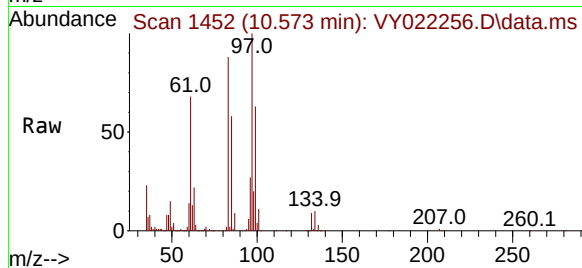
Tgt Ion: 75 Resp: 246990
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 55.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 50.036 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

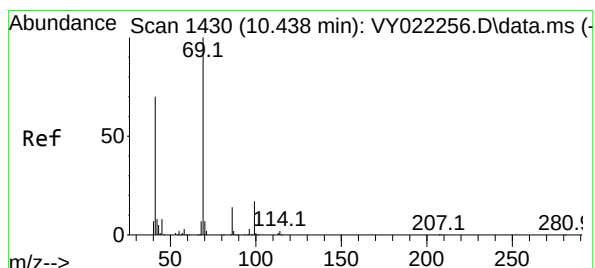
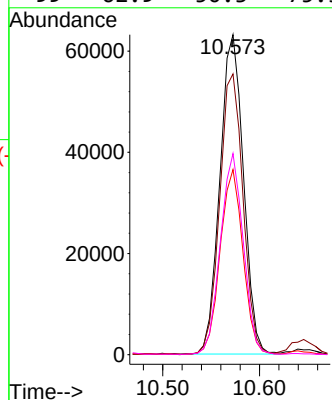
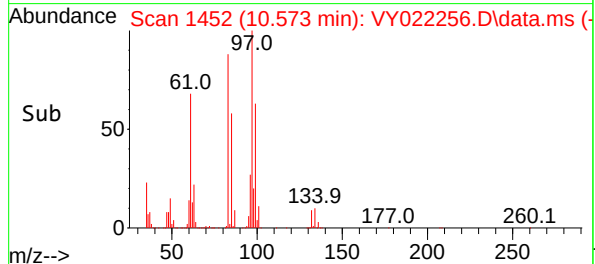
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 106670
Ion Ratio Lower Upper
97 100
83 87.9 70.3 105.5
85 57.8 46.2 69.4
99 62.9 50.3 75.5

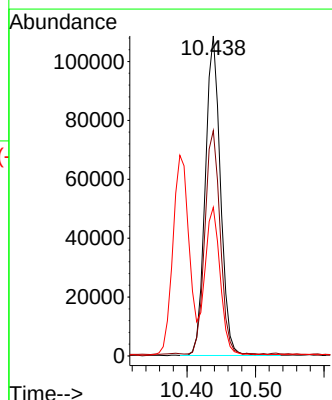
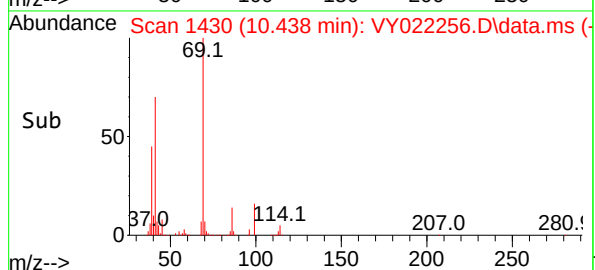
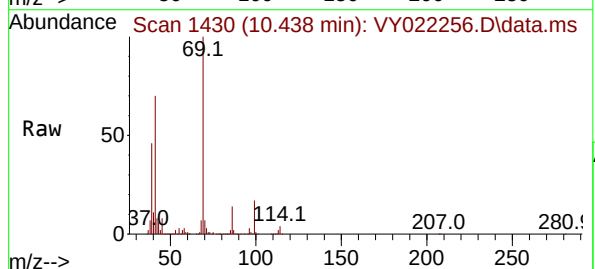
Manual Integrations
APPROVED

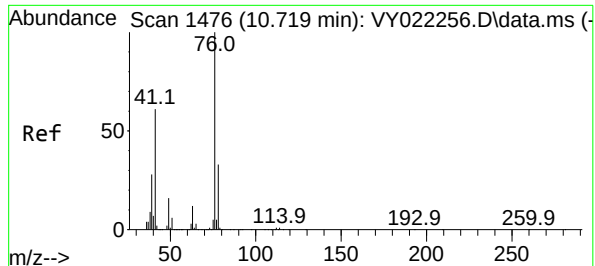
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#56
Ethyl methacrylate
Concen: 50.364 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

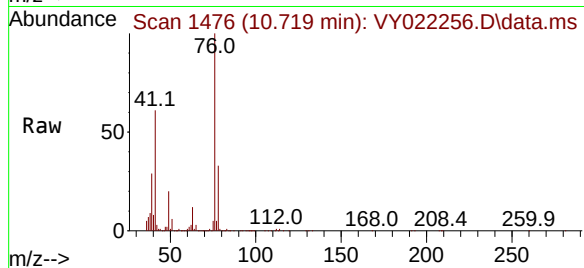
Tgt Ion: 69 Resp: 167259
Ion Ratio Lower Upper
69 100
41 70.6 56.5 84.7
39 46.4 37.1 55.7





#57
1,3-Dichloropropane
Concen: 50.759 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

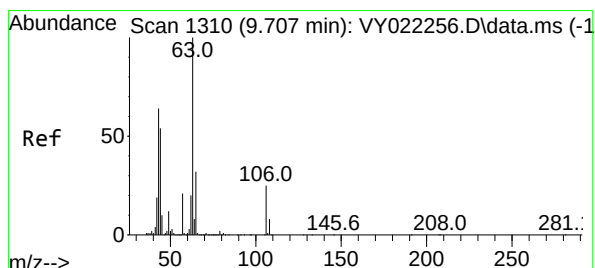
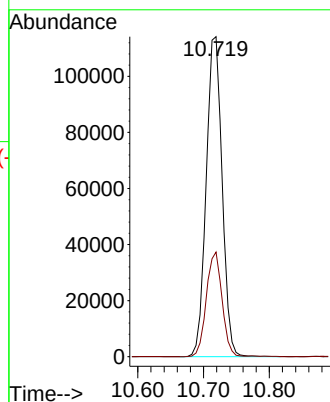
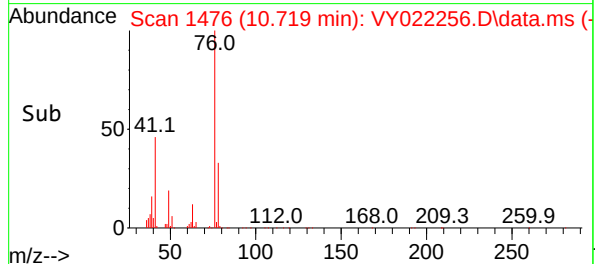
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 192279
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

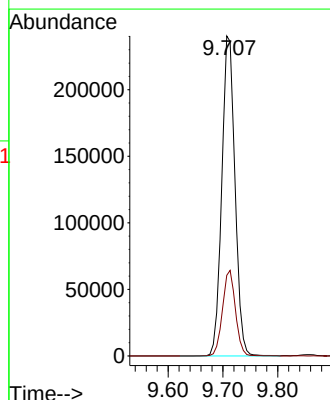
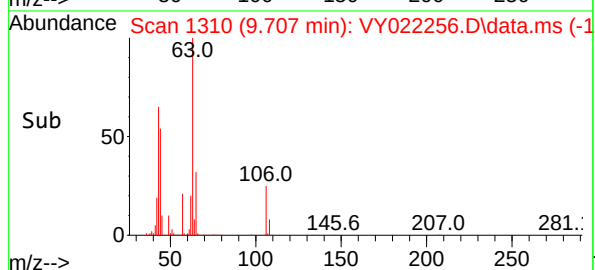
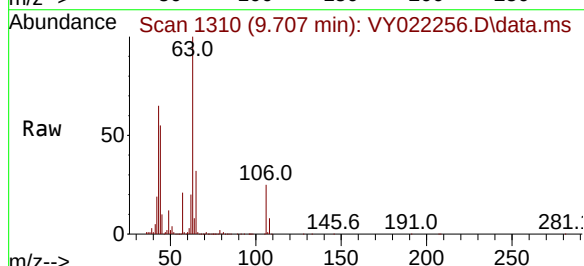
Manual Integrations
APPROVED

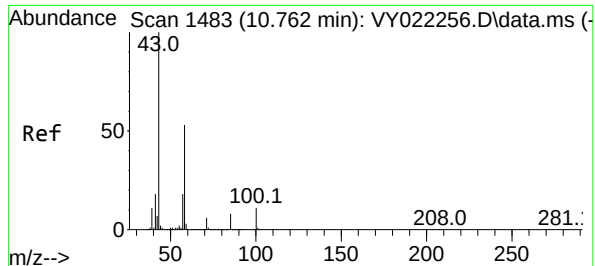
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 270.408 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

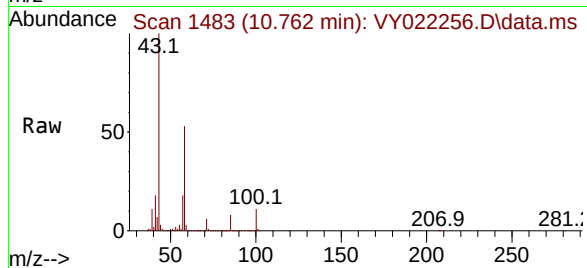
Tgt Ion: 63 Resp: 403074
Ion Ratio Lower Upper
63 100
106 26.2 21.0 31.4





#59
2-Hexanone
Concen: 244.881 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

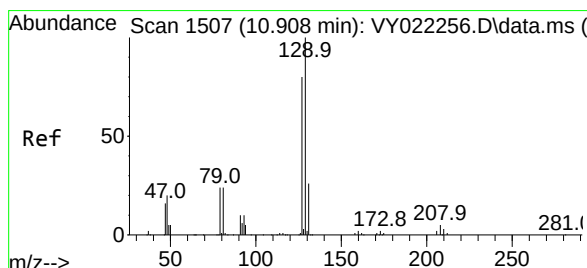
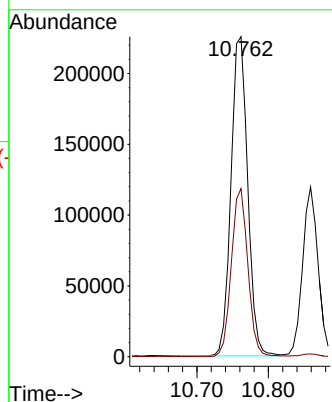
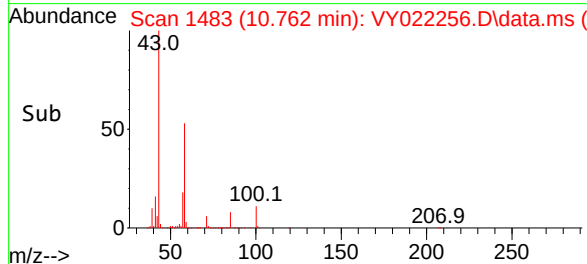
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 36511
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3

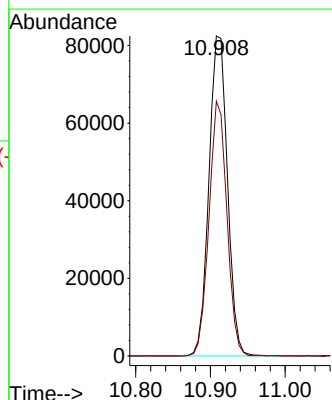
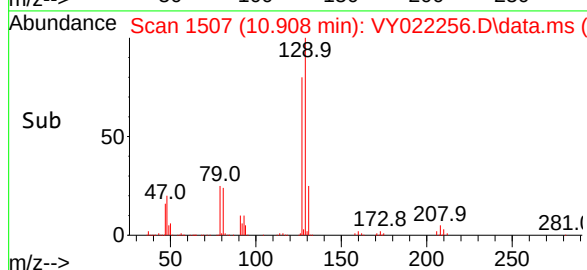
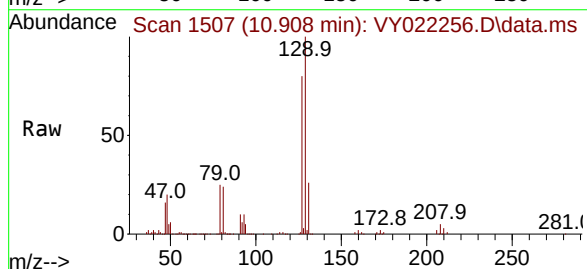
Manual Integrations
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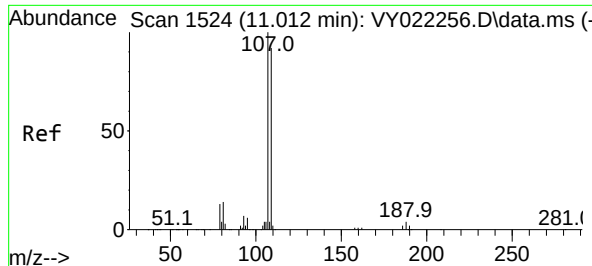
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 51.278 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

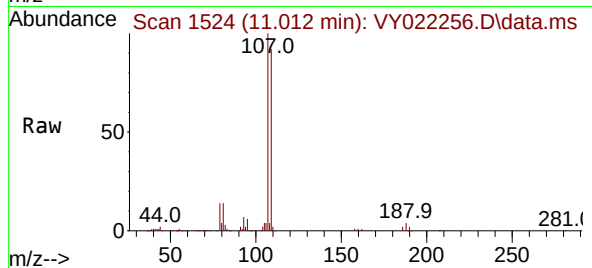
Tgt Ion:129 Resp: 141896
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.236 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

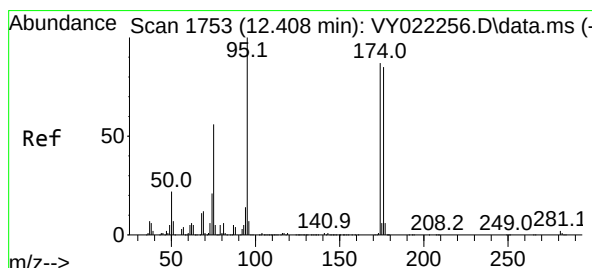
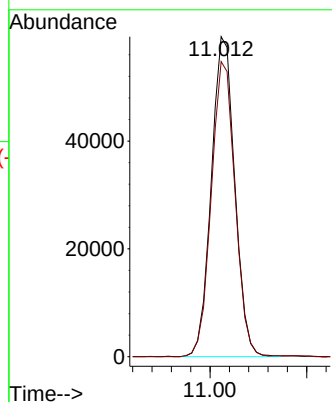
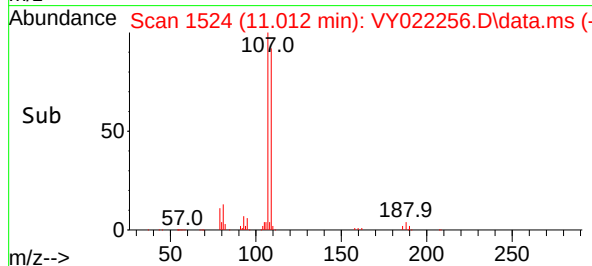
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 9982
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8

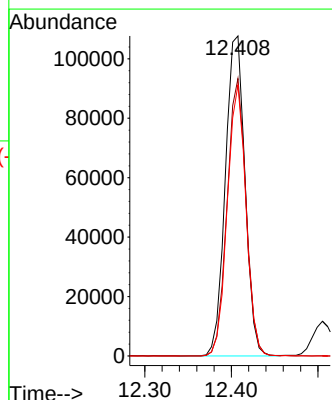
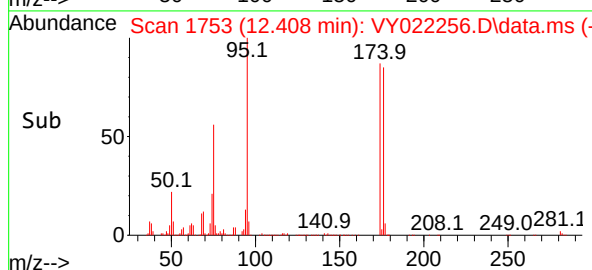
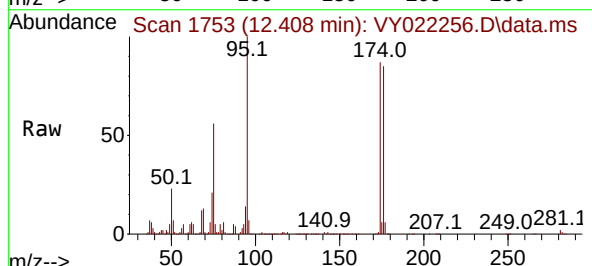
Manual Integrations
APPROVED

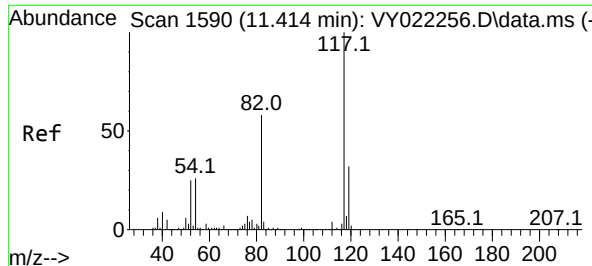
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 49.891 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 95 Resp: 169827
Ion Ratio Lower Upper
95 100
174 83.4 0.0 166.8
176 80.4 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 37757

Ion Ratio Lower Upper

117 100

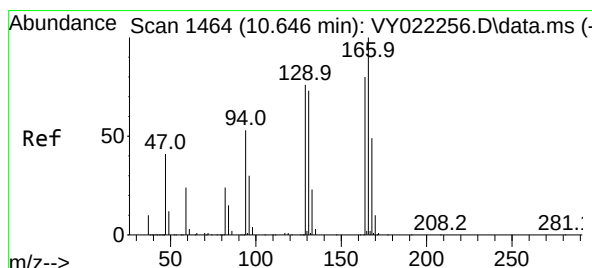
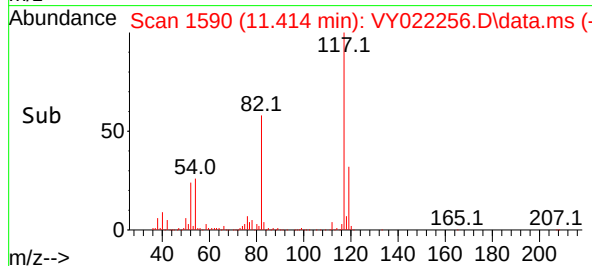
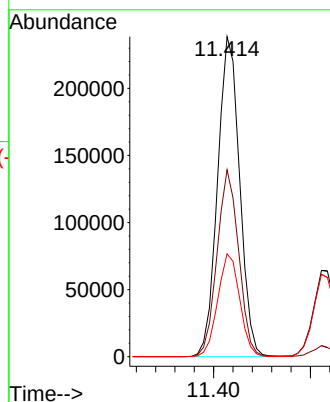
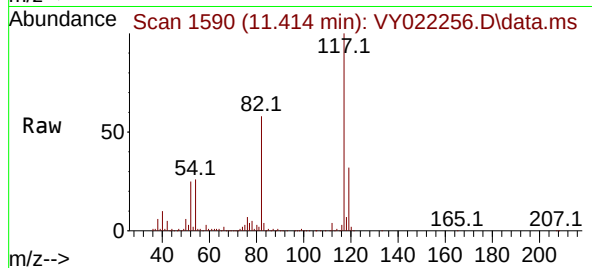
82 58.3 46.6 70.0

119 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#64

Tetrachloroethene

Concen: 51.249 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion:164 Resp: 178854

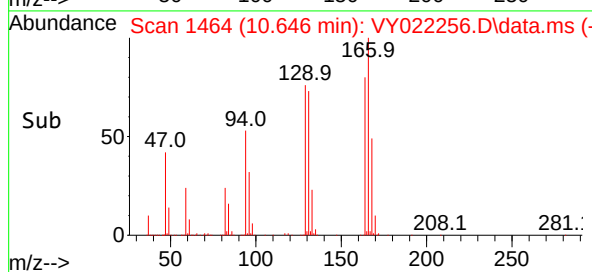
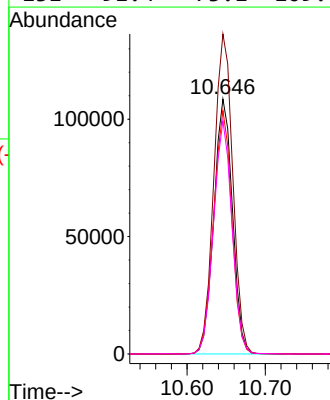
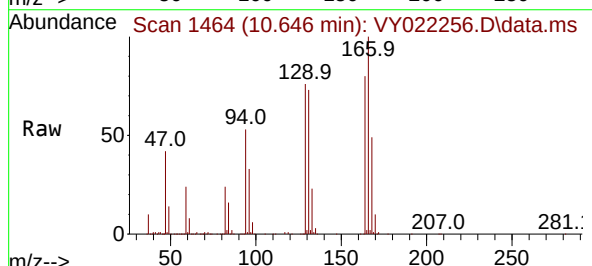
Ion Ratio Lower Upper

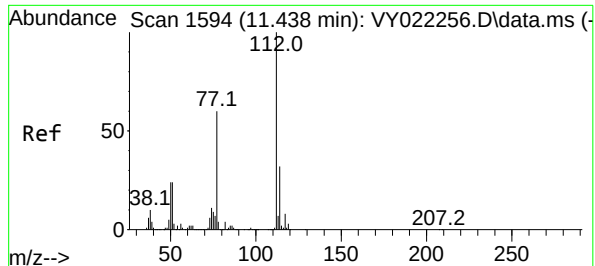
164 100

166 125.5 100.4 150.6

129 95.5 76.4 114.6

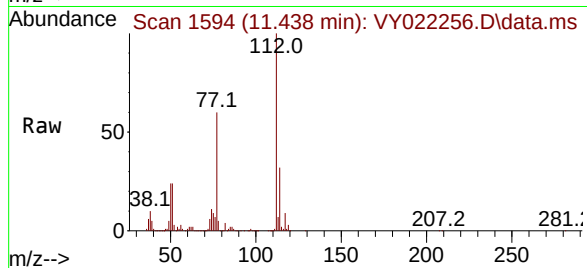
131 91.4 73.1 109.7





#65
Chlorobenzene
Concen: 51.169 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

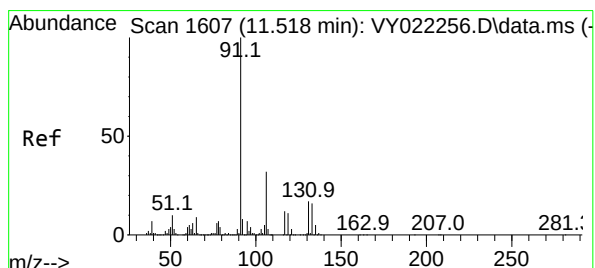
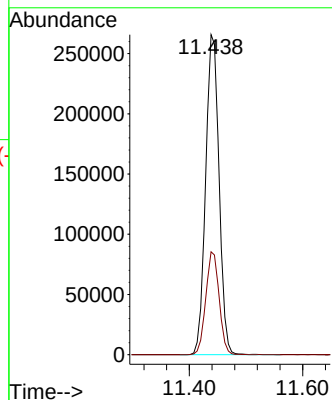
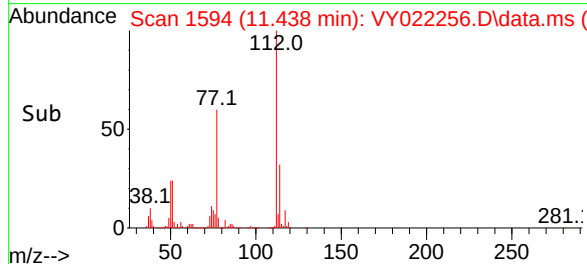
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 435874
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

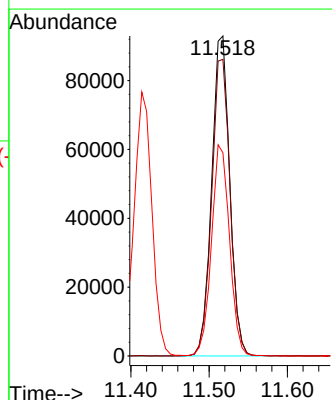
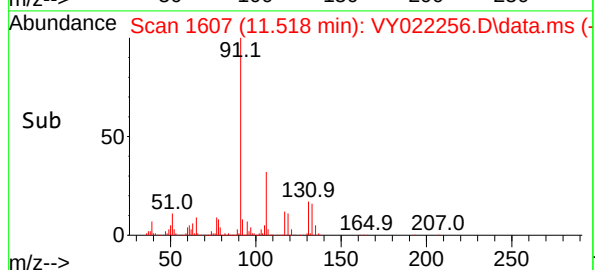
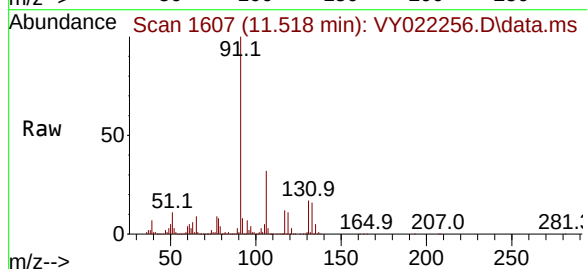
Manual Integrations
APPROVED

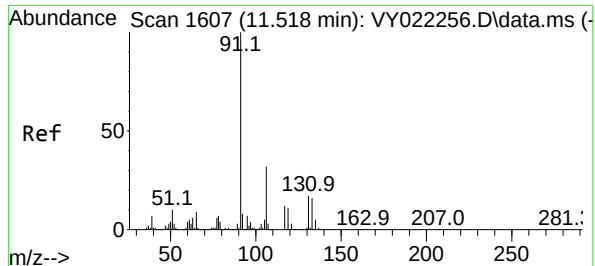
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.811 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:131 Resp: 148798
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 66.1 33.1 99.2





#67

Ethyl Benzene

Concen: 51.473 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 821168

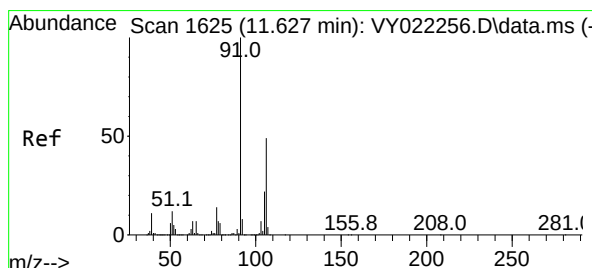
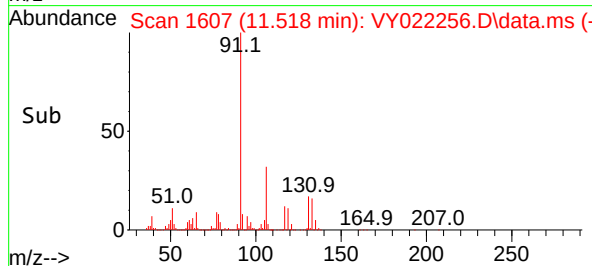
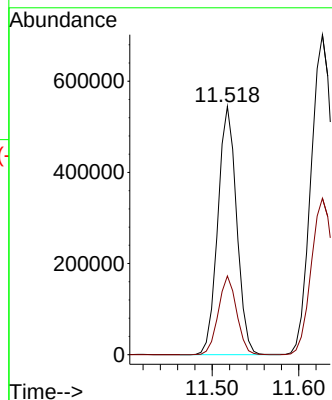
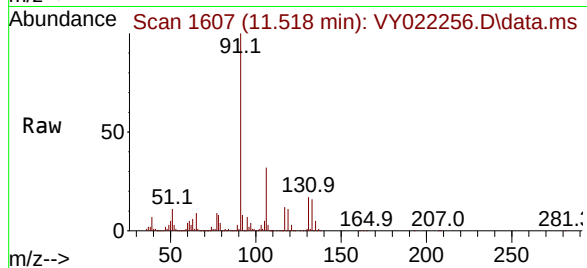
Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#68

m/p-Xylenes

Concen: 102.746 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022256.D

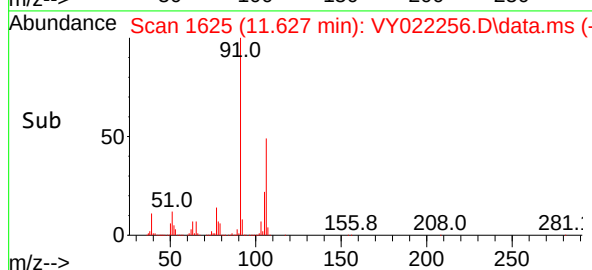
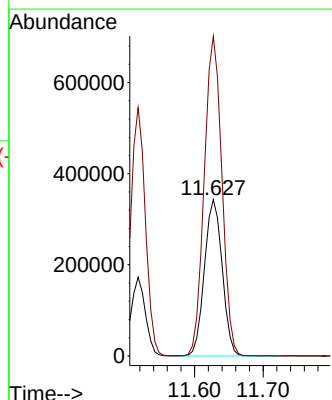
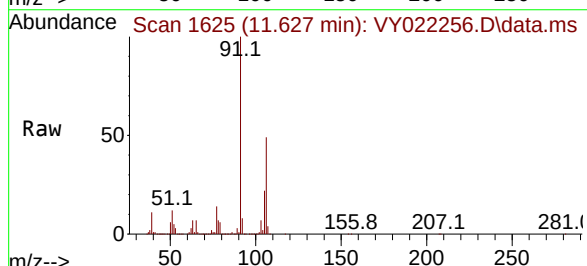
Acq: 15 May 2025 11:02

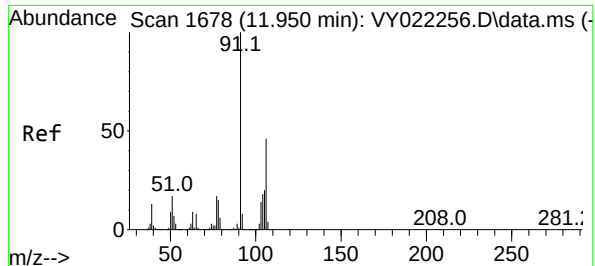
Tgt Ion:106 Resp: 617646

Ion Ratio Lower Upper

106 100

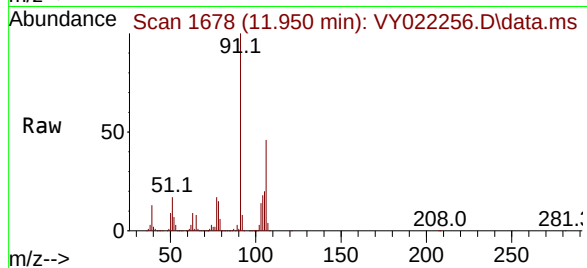
91 203.7 163.0 244.4





#69
o-Xylene
Concen: 50.971 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

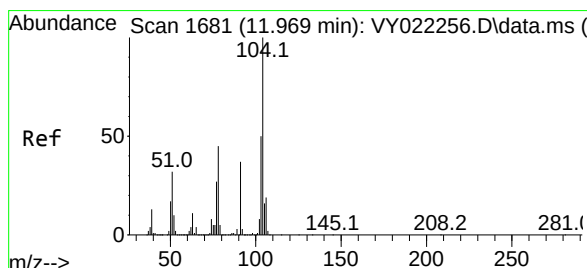
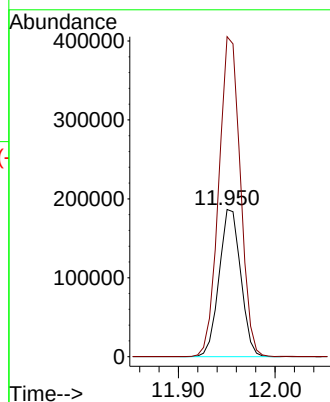
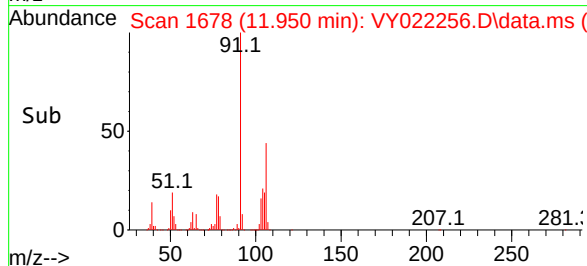
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 289897
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8

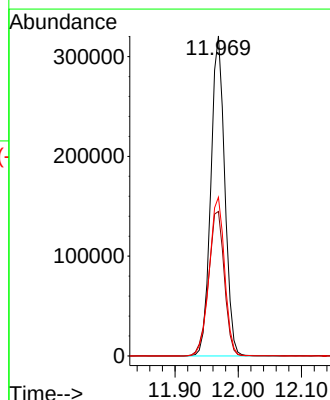
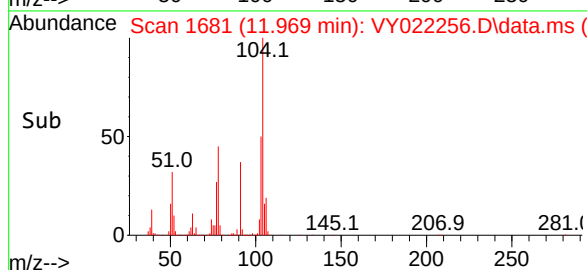
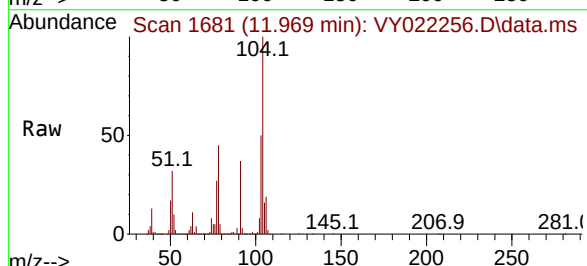
Manual Integrations
APPROVED

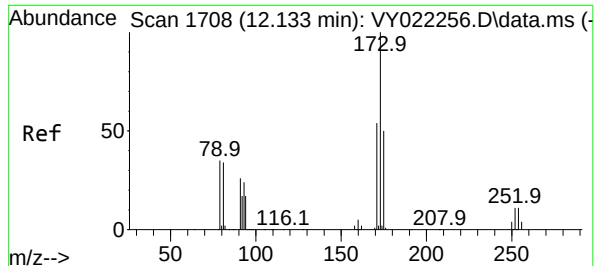
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 51.260 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

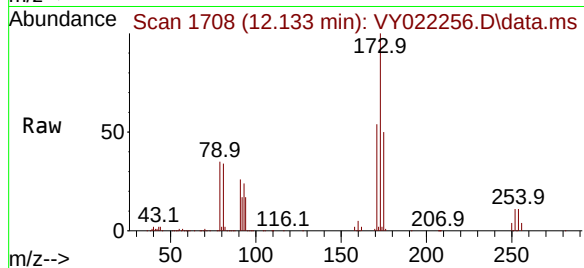
Tgt Ion:104 Resp: 491792
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 54.6 43.7 65.5





#71
Bromoform
Concen: 49.849 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

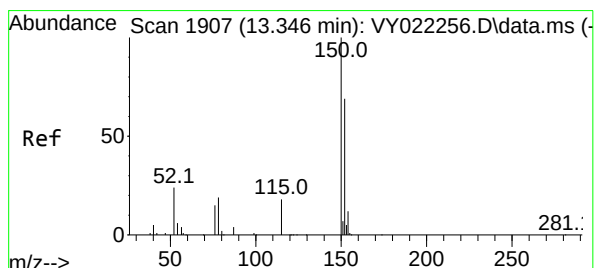
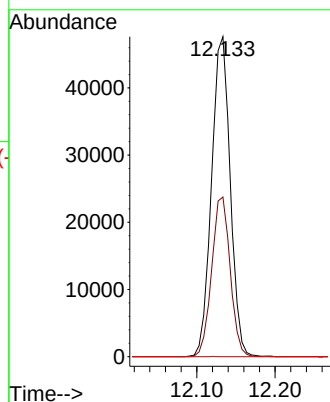
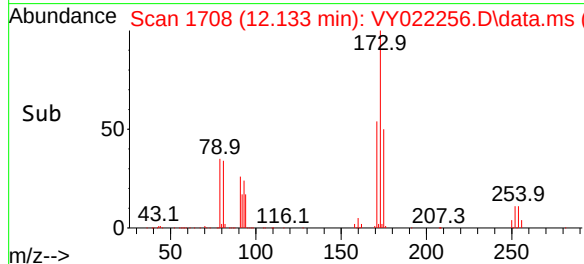
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



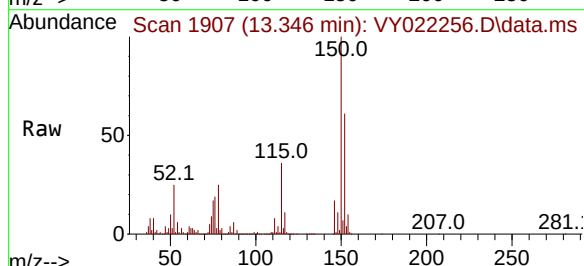
Tgt Ion:173 Resp: 78794
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.0 0.0 0.0

Manual Integrations
APPROVED

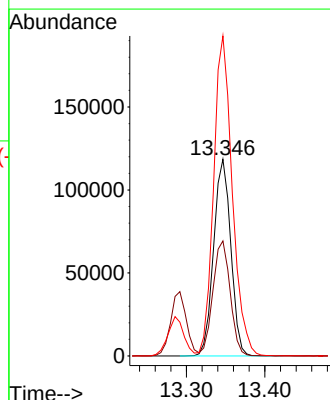
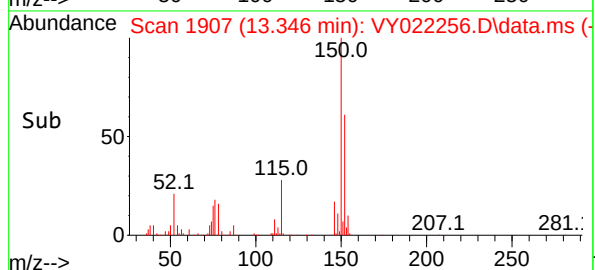
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

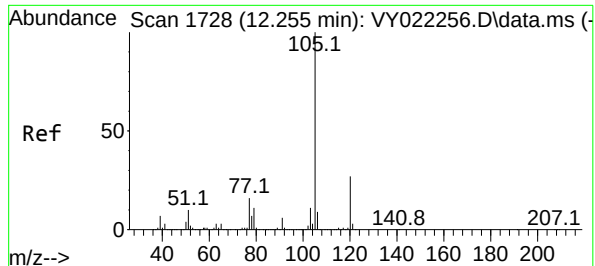


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



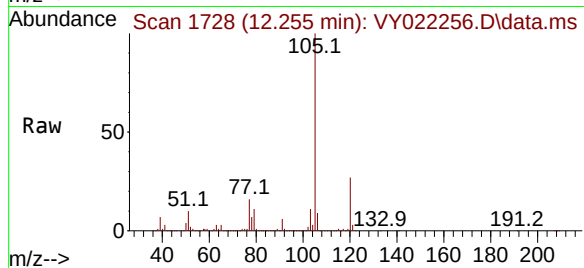
Tgt Ion:152 Resp: 180358
Ion Ratio Lower Upper
152 100
115 58.8 29.4 88.2
150 176.9 0.0 353.8





#73
Isopropylbenzene
Concen: 50.657 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

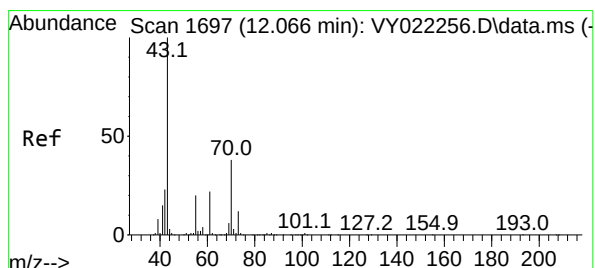
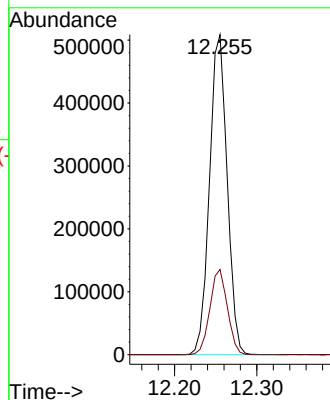
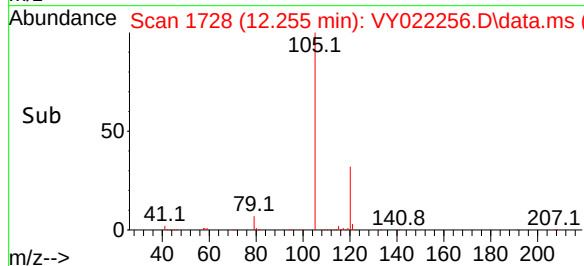
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 756908
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

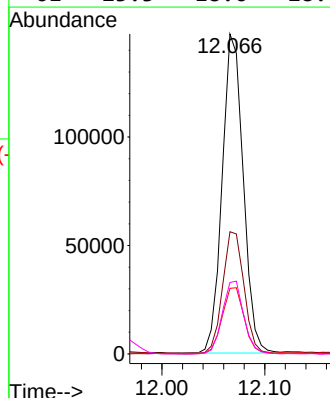
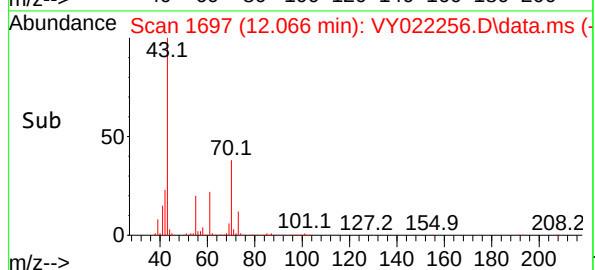
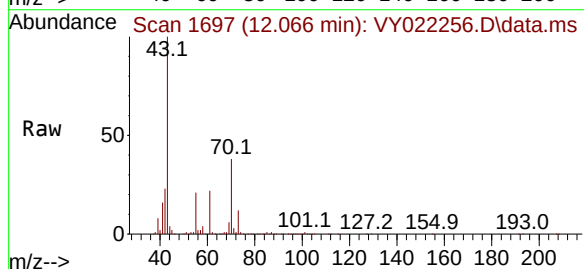
Manual Integrations
APPROVED

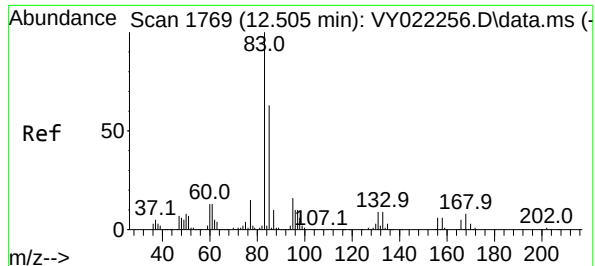
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#74
N-ethyl acetate
Concen: 48.930 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 43 Resp: 209097
Ion Ratio Lower Upper
43 100
70 39.2 31.4 47.0
55 21.3 17.0 25.6
61 23.3 18.6 28.0





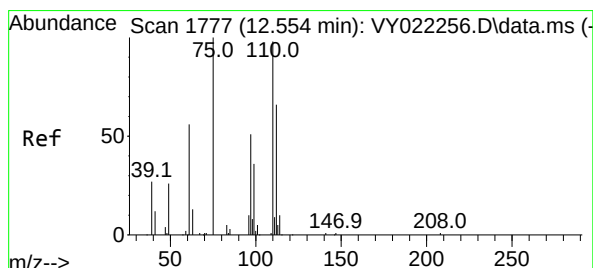
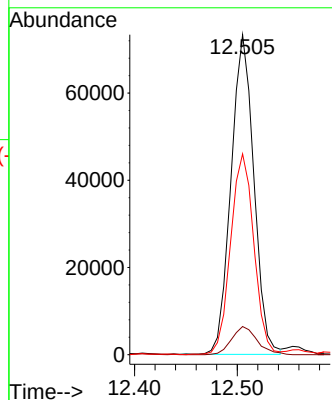
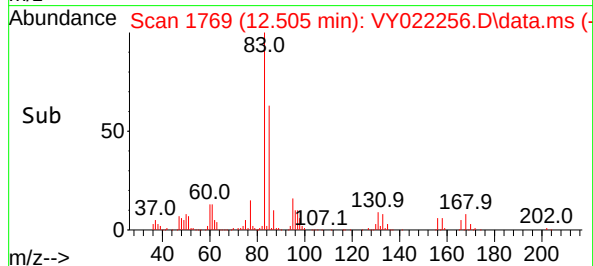
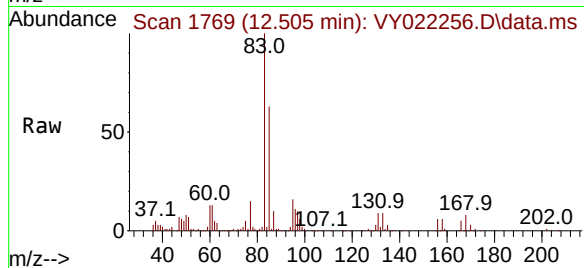
#75
1,1,2,2-Tetrachloroethane
Concen: 49.277 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 113234
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.0 32.0 96.0

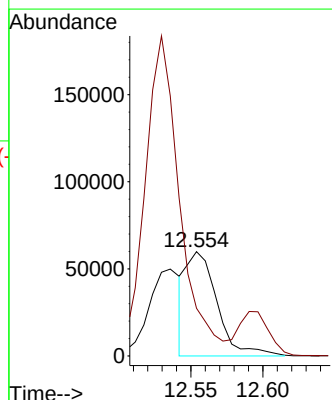
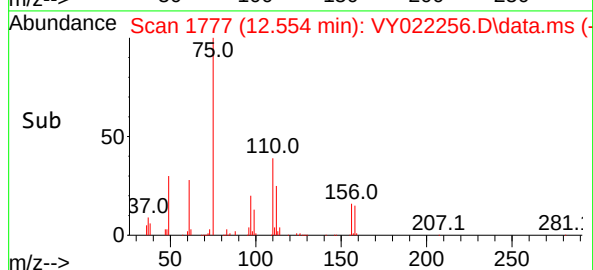
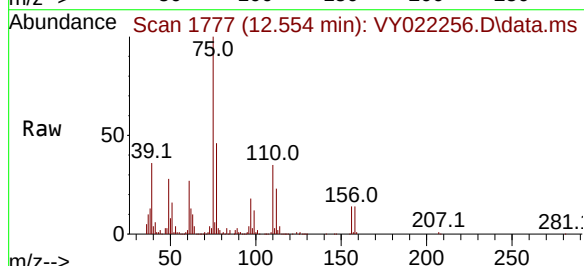
Manual Integrations
APPROVED

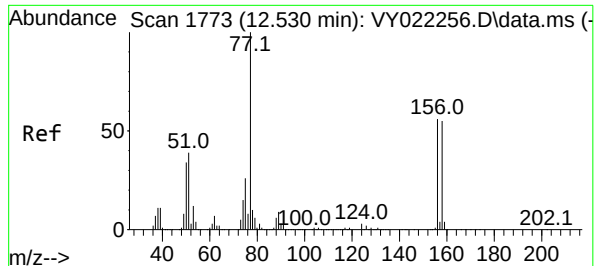
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76
1,2,3-Trichloropropane
Concen: 28.402 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

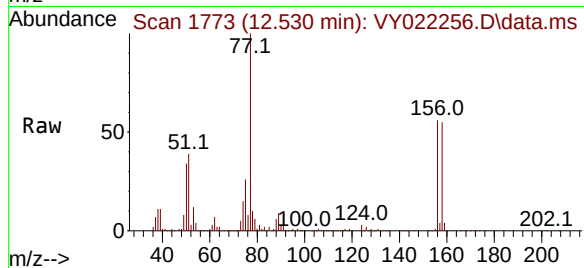
Tgt Ion: 75 Resp: 90281
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.599 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

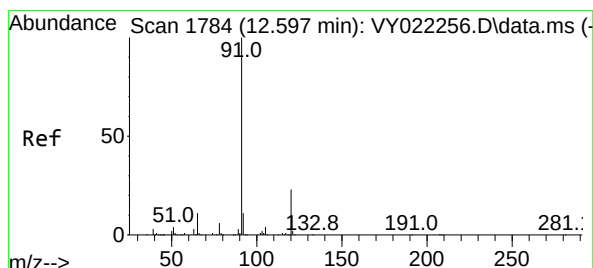
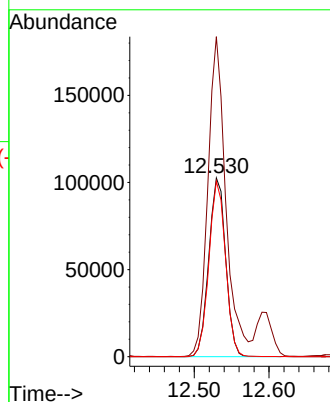
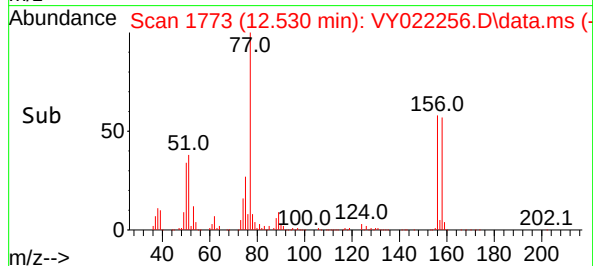
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 156 Resp: 161475
Ion Ratio Lower Upper
156 100
77 189.1 94.5 283.6
158 96.9 48.4 145.3

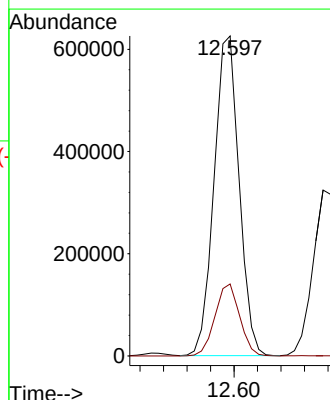
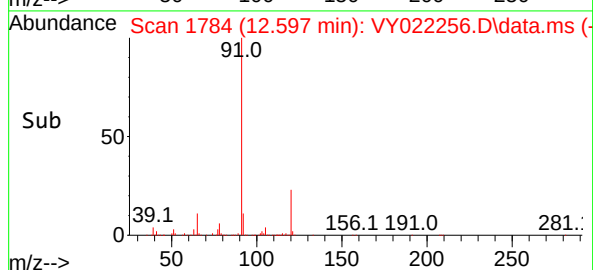
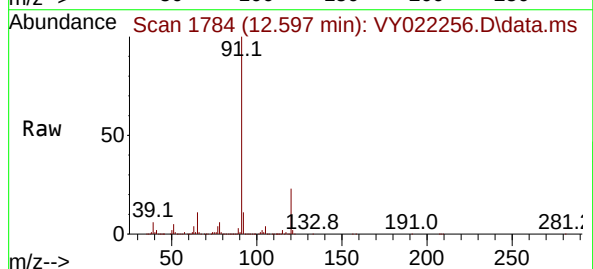
Manual Integrations
APPROVED

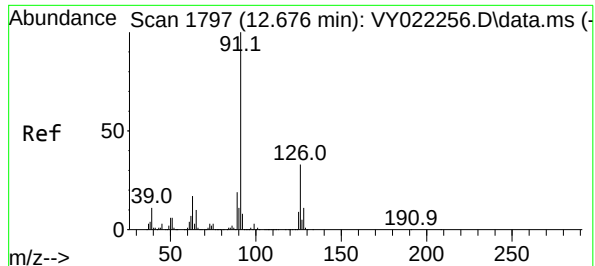
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 51.306 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 91 Resp: 924664
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





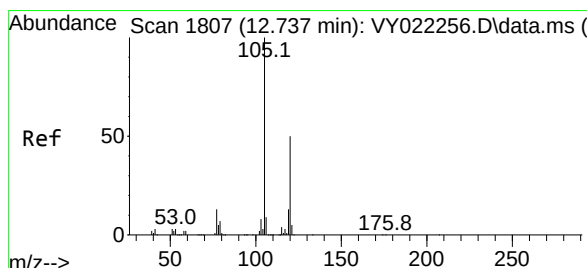
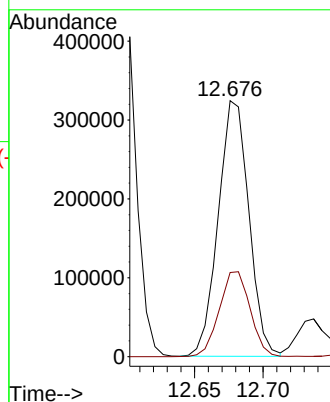
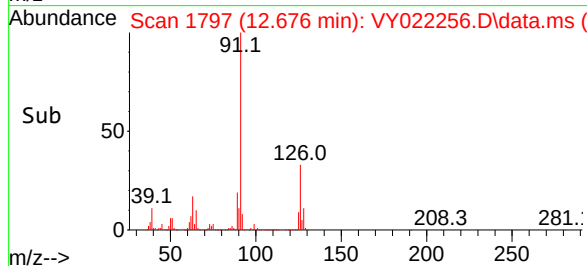
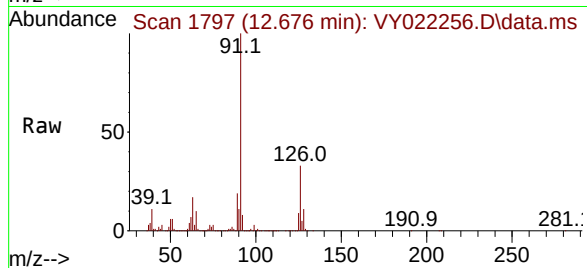
#79
2-Chlorotoluene
Concen: 51.058 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 505684
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

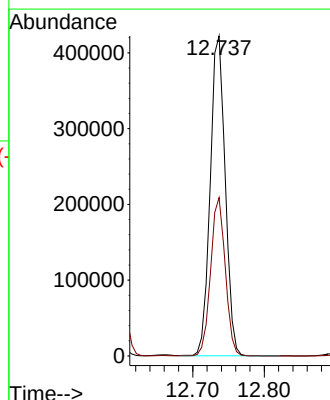
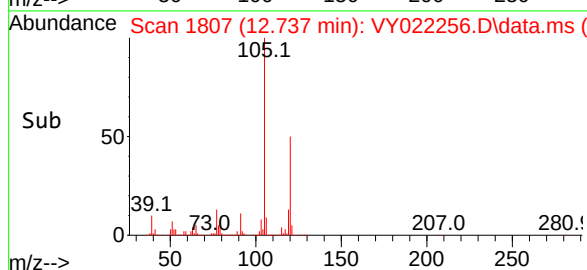
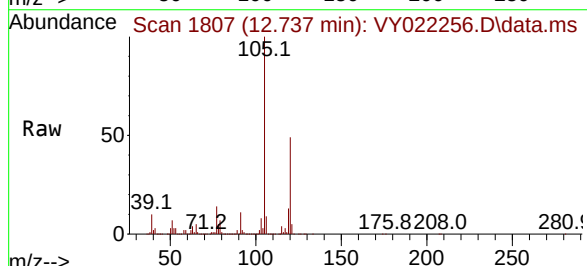
Manual Integrations
APPROVED

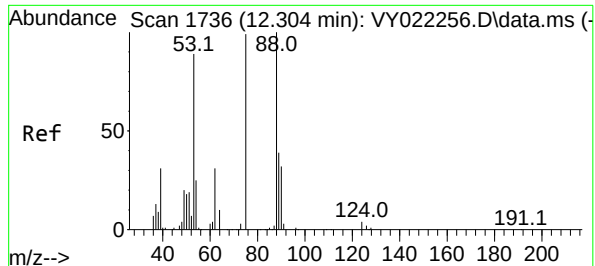
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.991 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

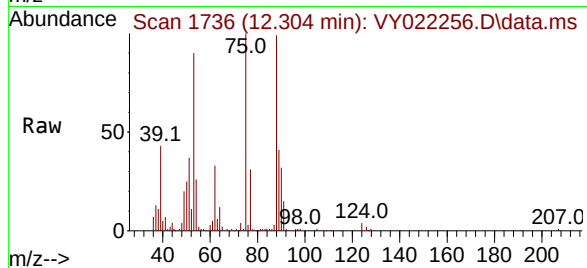
Tgt Ion:105 Resp: 615033
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.331 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

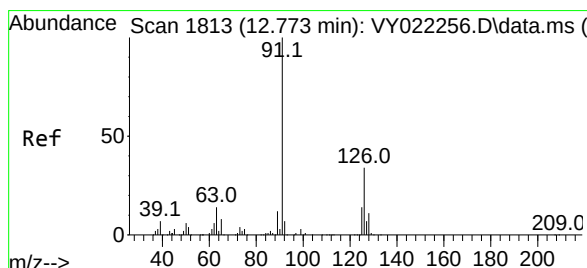
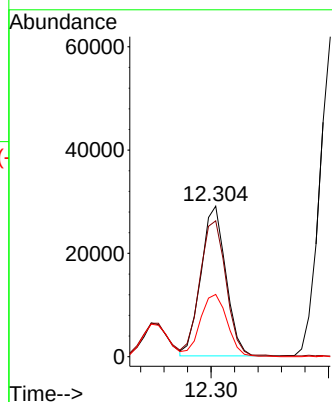
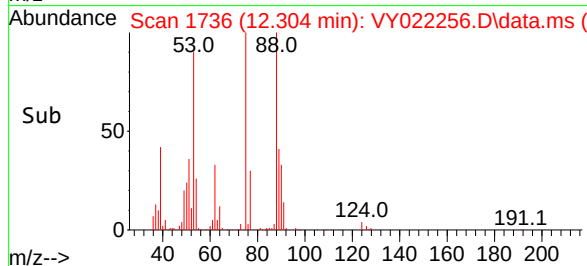
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 42692
Ion Ratio Lower Upper
75 100
53 94.8 75.8 113.8
89 45.2 36.2 54.2

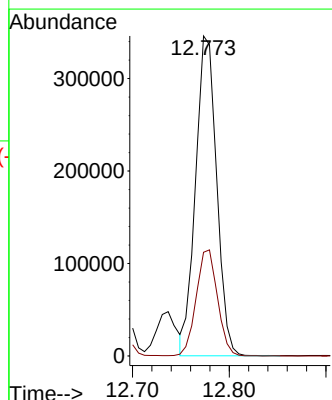
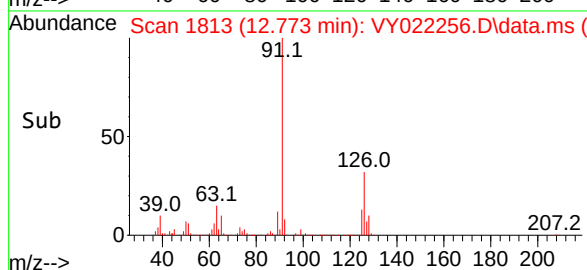
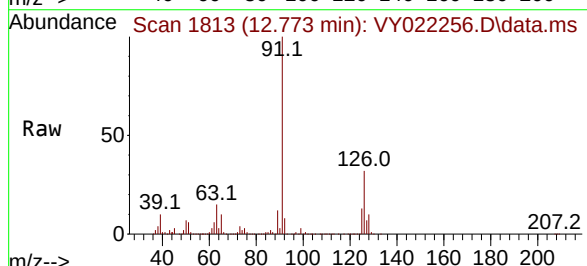
Manual Integrations
APPROVED

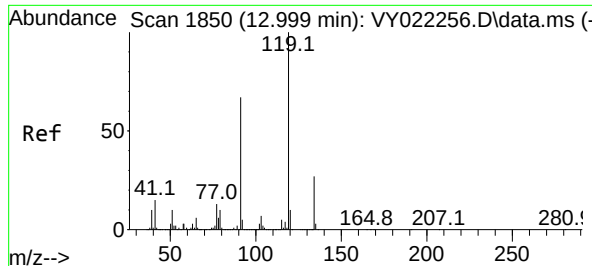
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 51.464 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

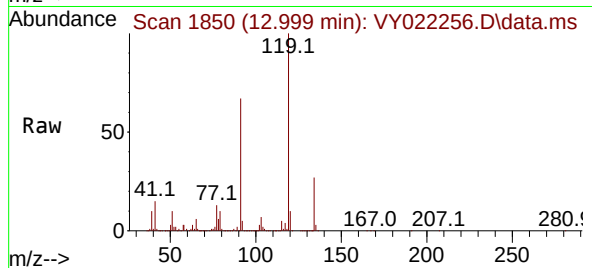
Tgt Ion: 91 Resp: 524270
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83
tert-Butylbenzene
Concen: 50.952 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

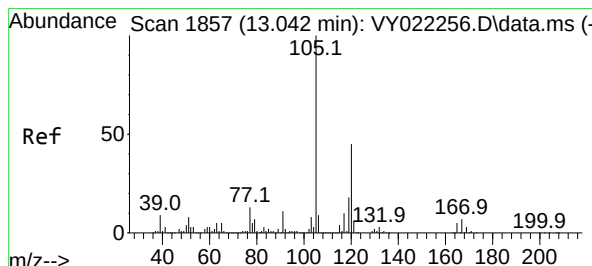
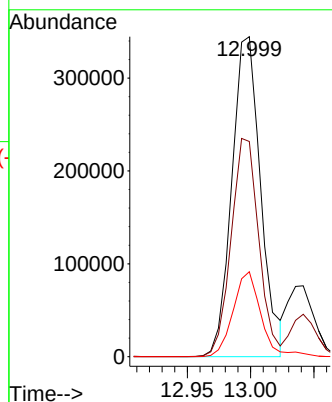
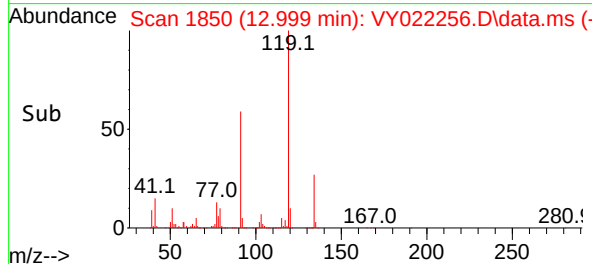
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



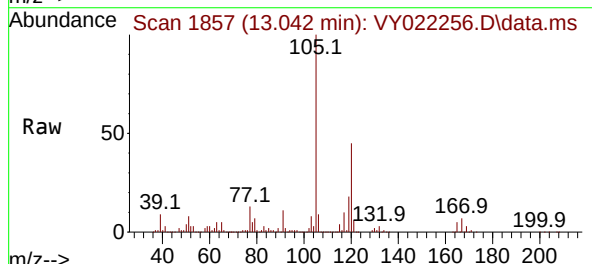
Tgt Ion:119 Resp: 54623
Ion Ratio Lower Upper
119 100
91 65.5 32.8 98.3
134 25.7 12.9 38.6

Manual Integrations
APPROVED

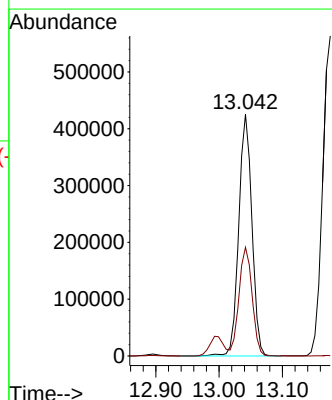
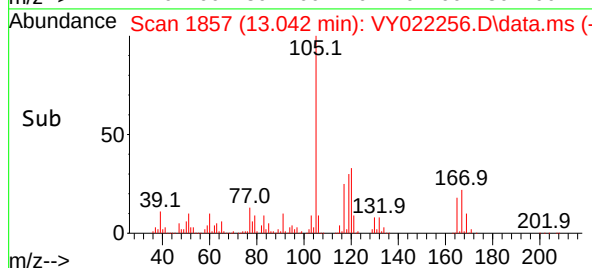
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

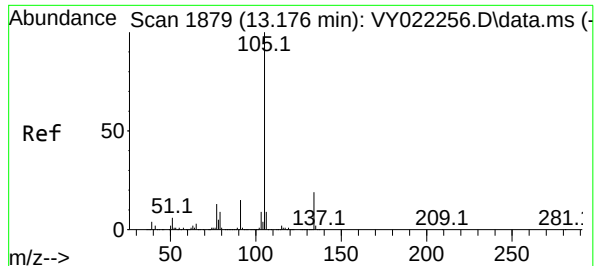


#84
1,2,4-Trimethylbenzene
Concen: 51.410 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



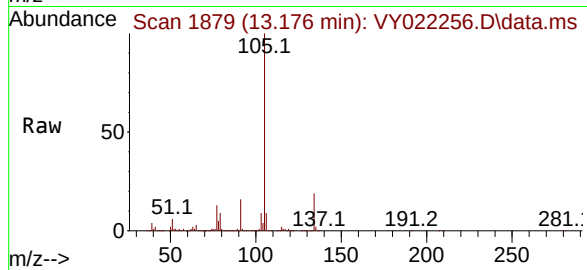
Tgt Ion:105 Resp: 615550
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9





#85
sec-Butylbenzene
Concen: 51.825 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

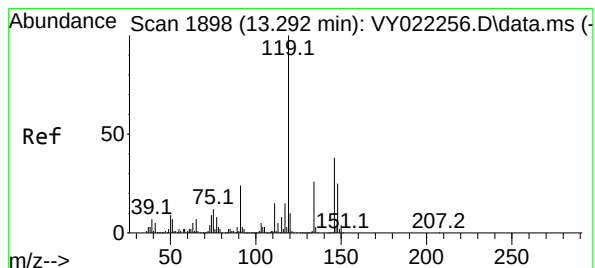
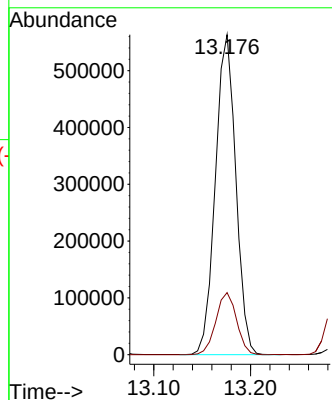
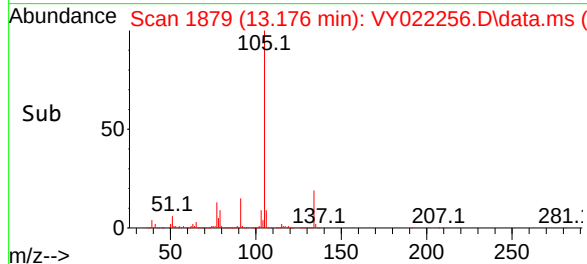
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 824725
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.5

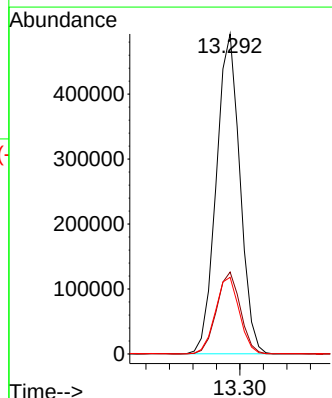
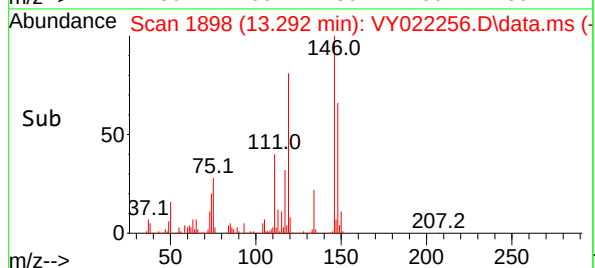
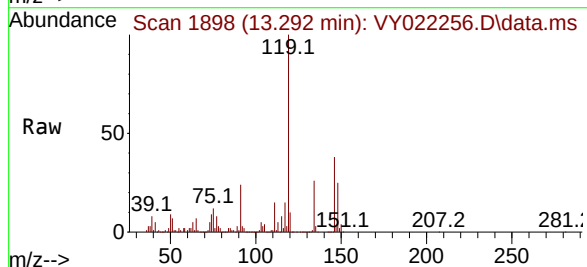
Manual Integrations
APPROVED

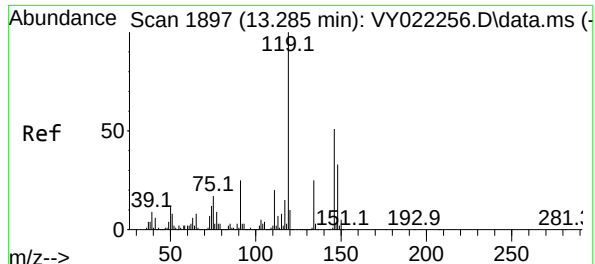
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#86
p-Isopropyltoluene
Concen: 51.446 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:119 Resp: 688561
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.6
91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.890 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 331530

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

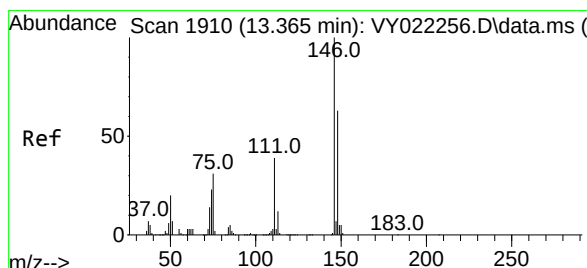
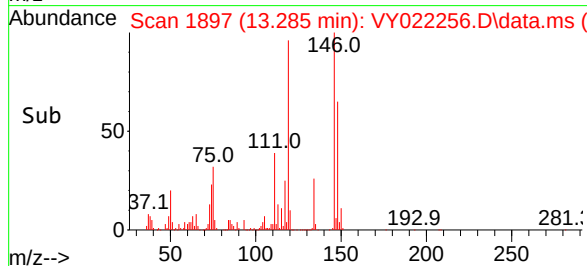
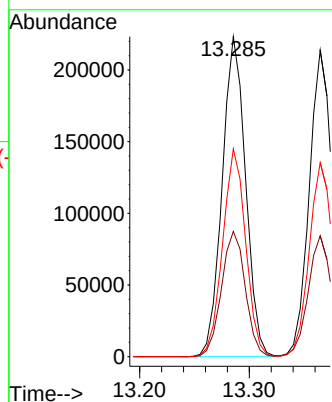
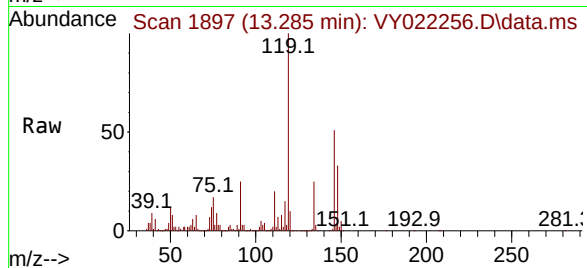
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 50.363 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

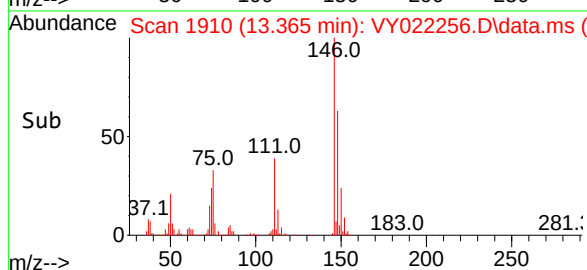
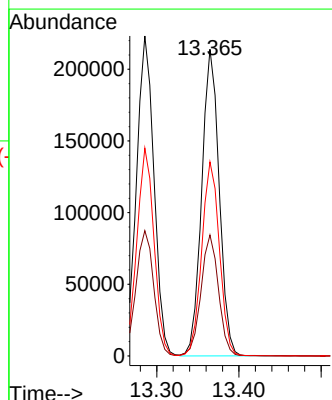
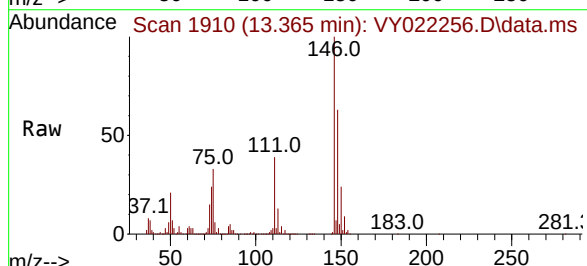
Tgt Ion:146 Resp: 315598

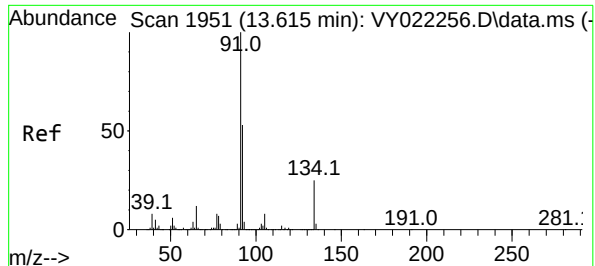
Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 52.245 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 66153

Ion Ratio Lower Upper

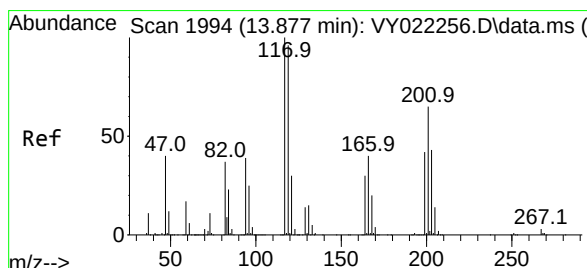
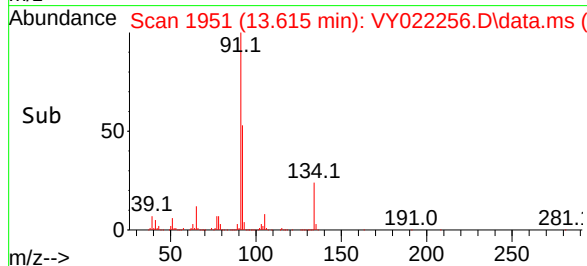
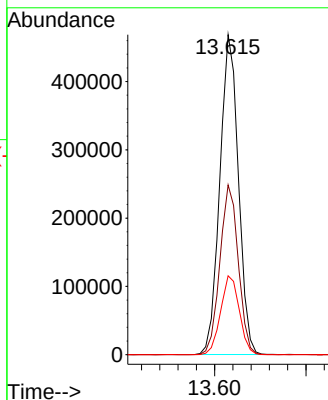
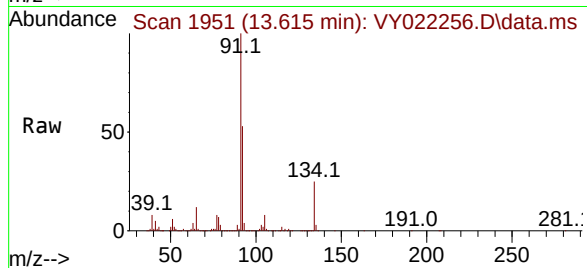
91 100

92 52.6 26.3 78.9

134 24.9 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#90

Hexachloroethane

Concen: 50.791 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022256.D

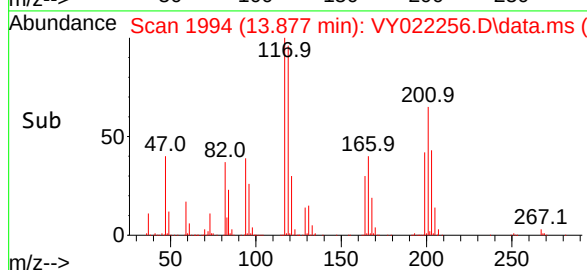
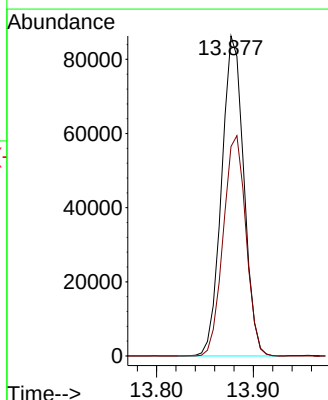
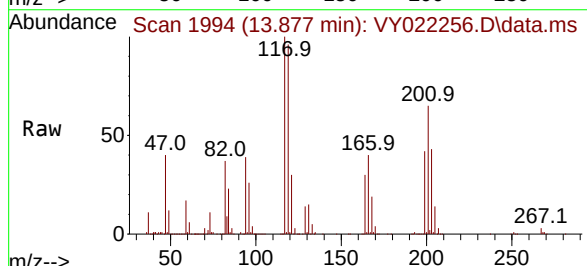
Acq: 15 May 2025 11:02

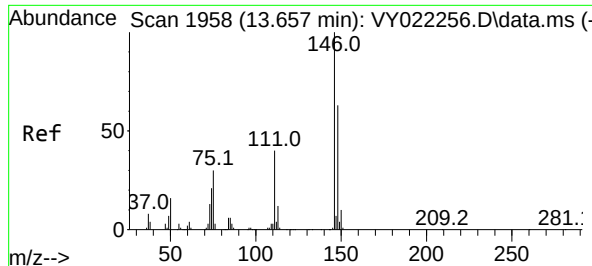
Tgt Ion:117 Resp: 137225

Ion Ratio Lower Upper

117 100

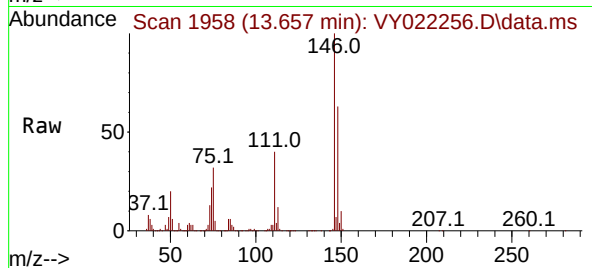
201 70.4 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 50.558 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

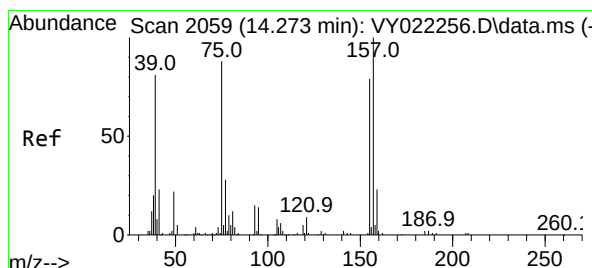
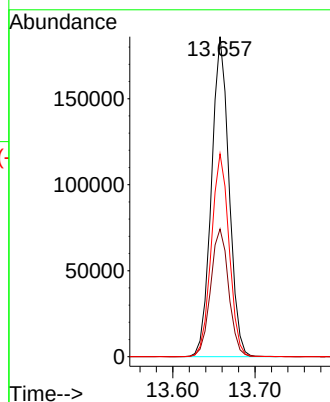
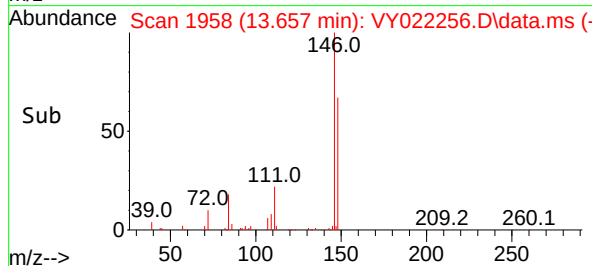
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 276660
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 64.0 32.0 96.0

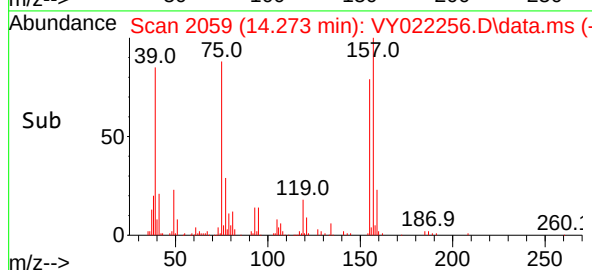
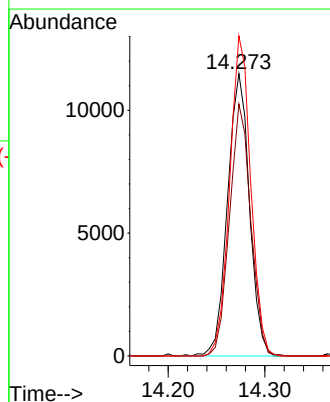
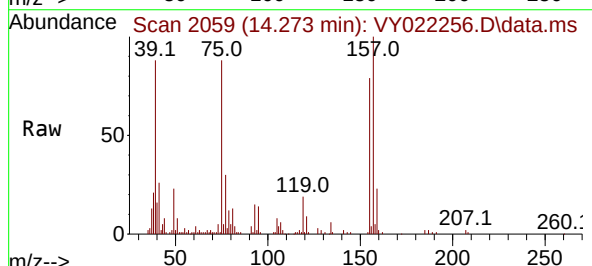
Manual Integrations
APPROVED

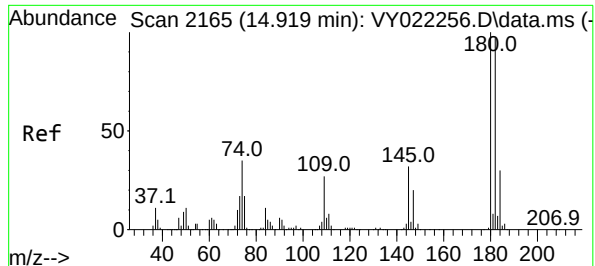
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.682 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 75 Resp: 18039
Ion Ratio Lower Upper
75 100
155 86.7 43.4 130.1
157 109.3 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 51.338 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022256.D

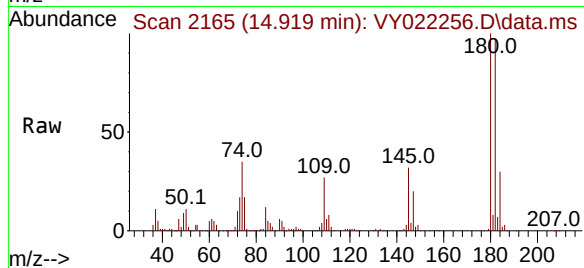
Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050



Tgt Ion:180 Resp: 162275

Ion Ratio Lower Upper

180 100

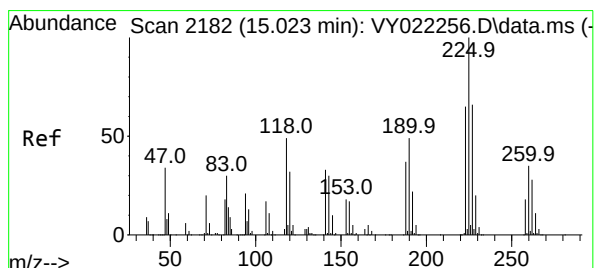
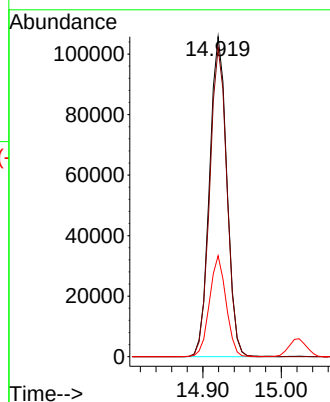
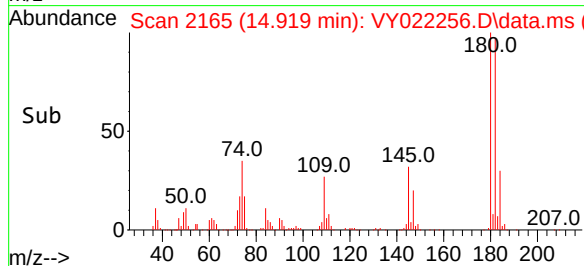
182 96.0 48.0 144.0

145 30.1 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 51.313 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

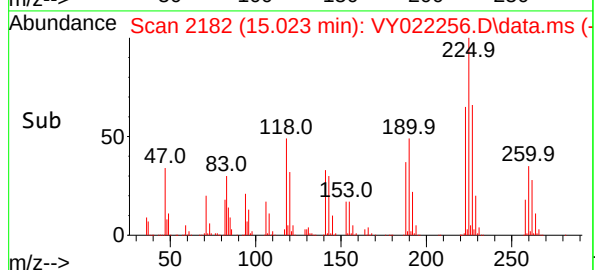
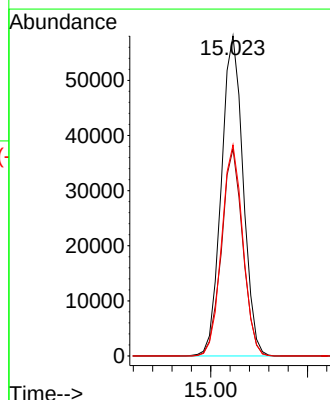
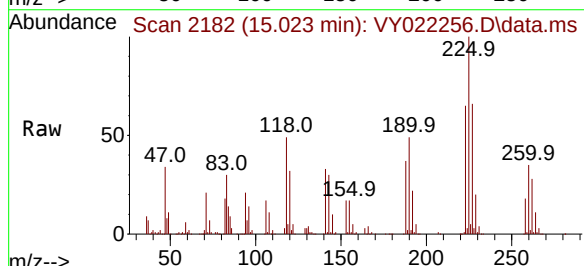
Tgt Ion:225 Resp: 90452

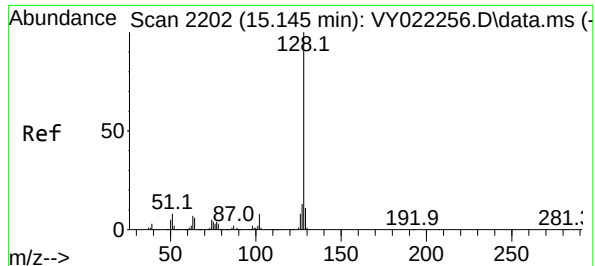
Ion Ratio Lower Upper

225 100

223 63.0 31.5 94.5

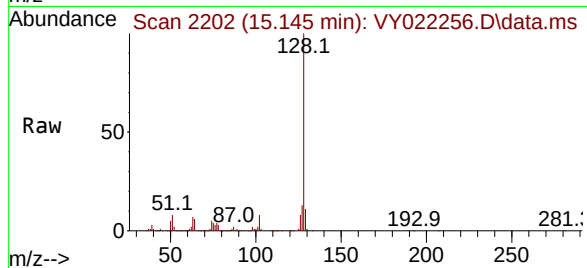
227 64.2 32.1 96.3





#95
Naphthalene
Concen: 49.692 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

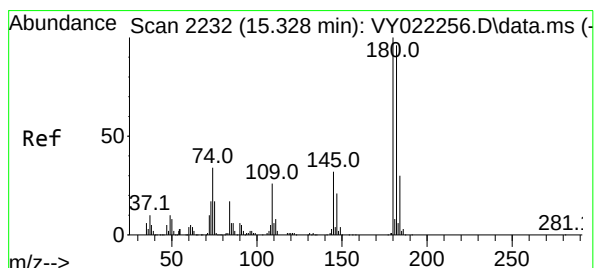
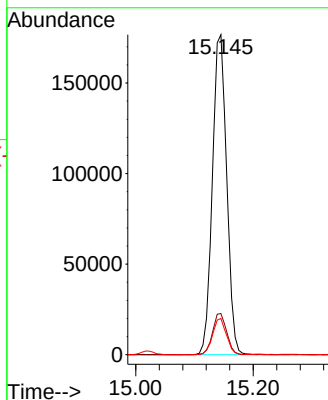
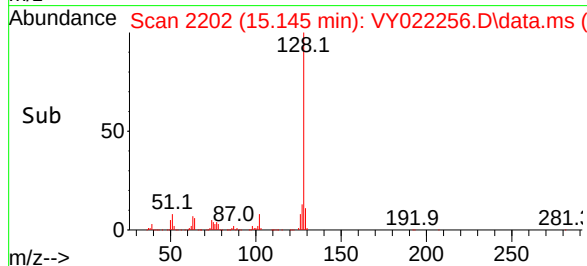
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 298075
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2

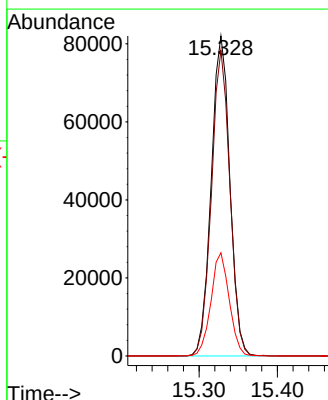
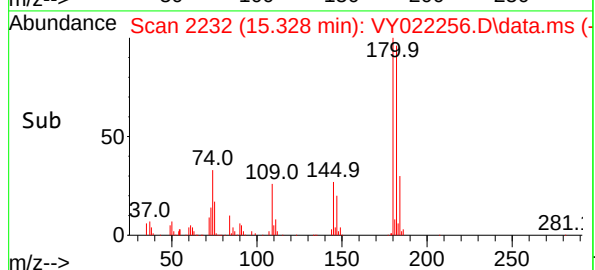
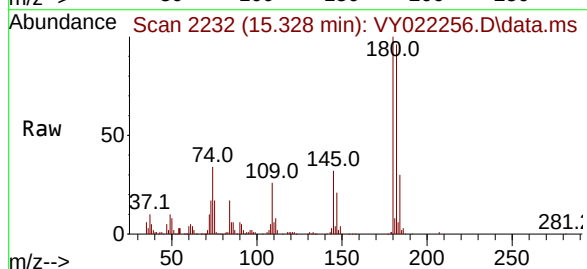
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.596 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:180 Resp: 135673
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 31.7 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022257.D
 Acq On : 15 May 2025 11:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	268393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	443341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	385348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	189780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	292533	99.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 199.460%#			
35) Dibromofluoromethane	7.634	113	262995	99.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 198.780%#			
50) Toluene-d8	10.103	98	1076035	99.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 198.580%#			
62) 4-Bromofluorobenzene	12.408	95	343397	99.968	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 199.940%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	252438	90.138	ug/l	99
3) Chloromethane	2.062	50	561441	95.302	ug/l	100
4) Vinyl Chloride	2.202	62	639001	97.085	ug/l	96
5) Bromomethane	2.586	94	512452	95.642	ug/l	98
6) Chloroethane	2.732	64	393556	96.113	ug/l	99
7) Trichlorofluoromethane	3.049	101	650265	97.581	ug/l	100
8) Diethyl Ether	3.452	74	158375	99.031	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	272288	94.120	ug/l	99
10) Methyl Iodide	4.000	142	349345	104.334	ug/l	100
11) Tert butyl alcohol	4.872	59	112593	502.655	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	277897	96.798	ug/l	97
13) Acrolein	3.653	56	156649	478.373	ug/l	99
14) Allyl chloride	4.378	41	500514	99.429	ug/l	100
15) Acrylonitrile	5.055	53	340325	516.458	ug/l	99
16) Acetone	3.872	43	252327	458.767	ug/l	99
17) Carbon Disulfide	4.104	76	901081	96.251	ug/l	99
18) Methyl Acetate	4.385	43	185837	111.043	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	807404	101.997	ug/l	98
20) Methylene Chloride	4.610	84	305912	86.076	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	311460	98.288	ug/l	97
22) Diisopropyl ether	6.018	45	1075035	101.128	ug/l	99
23) Vinyl Acetate	5.957	43	3259000	507.456	ug/l	100
24) 1,1-Dichloroethane	5.915	63	586479	98.750	ug/l	99
25) 2-Butanone	6.890	43	467301	507.932	ug/l	97
26) 2,2-Dichloropropane	6.884	77	515990	97.682	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	368826	100.861	ug/l	100
28) Bromochloromethane	7.244	49	251676	99.349	ug/l	100
29) Tetrahydrofuran	7.262	42	312286	527.609	ug/l	100
30) Chloroform	7.421	83	565823	99.326	ug/l	98
31) Cyclohexane	7.701	56	535839	90.301	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	506927	96.995	ug/l	100
36) 1,1-Dichloropropene	7.835	75	429153	98.465	ug/l	99
37) Ethyl Acetate	6.982	43	213152	101.642	ug/l	99
38) Carbon Tetrachloride	7.817	117	451589	100.097	ug/l	98
39) Methylcyclohexane	9.109	83	566259	96.704	ug/l	98
40) Benzene	8.079	78	1313733	101.677	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022257.D
 Acq On : 15 May 2025 11:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	131157m	85.474	ug/l	
42) 1,2-Dichloroethane	8.158	62	356974	102.165	ug/l	100
43) Isopropyl Acetate	8.195	43	473430	103.517	ug/l	99
44) Trichloroethene	8.865	130	315543	98.218	ug/l	97
45) 1,2-Dichloropropane	9.140	63	314179	100.858	ug/l	98
46) Dibromomethane	9.231	93	170712	101.606	ug/l	99
47) Bromodichloromethane	9.420	83	446829	102.514	ug/l	99
48) Methyl methacrylate	9.219	41	229512	107.308	ug/l	100
49) 1,4-Dioxane	9.231	88	37780	1990.455	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	1218685	543.068	ug/l	100
52) Toluene	10.170	92	839400	102.593	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	441672	103.832	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	498023	102.190	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	219460	102.005	ug/l	99
56) Ethyl methacrylate	10.438	69	353013	105.335	ug/l	98
57) 1,3-Dichloropropane	10.719	76	391514	102.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	872907	580.295	ug/l	99
59) 2-Hexanone	10.761	43	809288	537.872	ug/l	100
60) Dibromochloromethane	10.908	129	292143	104.616	ug/l	99
61) 1,2-Dibromoethane	11.011	107	207266	103.362	ug/l	99
64) Tetrachloroethene	10.646	164	343677	96.489	ug/l	99
65) Chlorobenzene	11.438	112	881086	101.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	307866	103.007	ug/l	99
67) Ethyl Benzene	11.517	91	1674355	102.836	ug/l	99
68) m/p-Xylenes	11.627	106	1271299	207.213	ug/l	100
69) o-Xylene	11.956	106	602390	103.777	ug/l	99
70) Styrene	11.969	104	1028498	105.038	ug/l	100
71) Bromoform	12.133	173	168679	104.561	ug/l #	99
73) Isopropylbenzene	12.255	105	1528857	97.241	ug/l	99
74) N-amyl acetate	12.066	43	468707	104.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	244830	101.255	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	197600m	59.078	ug/l	
77) Bromobenzene	12.529	156	337329	100.456	ug/l	99
78) n-propylbenzene	12.597	91	1846449	97.365	ug/l	100
79) 2-Chlorotoluene	12.676	91	1026401	98.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1233838	97.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	93252	98.251	ug/l	98
82) 4-Chlorotoluene	12.779	91	1061772	99.052	ug/l	99
83) tert-Butylbenzene	12.999	119	1092617	96.859	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1263612	100.297	ug/l	100
85) sec-Butylbenzene	13.176	105	1634720	97.623	ug/l	100
86) p-Isopropyltoluene	13.291	119	1424684	101.161	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	697868	101.803	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	654104	99.199	ug/l	99
89) n-Butylbenzene	13.615	91	1310061	98.327	ug/l	99
90) Hexachloroethane	13.877	117	275652	96.961	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	576915	100.192	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	41275	105.859	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	342939	103.107	ug/l	100
94) Hexachlorobutadiene	15.023	225	180060	97.075	ug/l	100
95) Naphthalene	15.145	128	674950	106.935	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	294823	104.488	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022257.D
Acq On : 15 May 2025 11:24
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:24:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

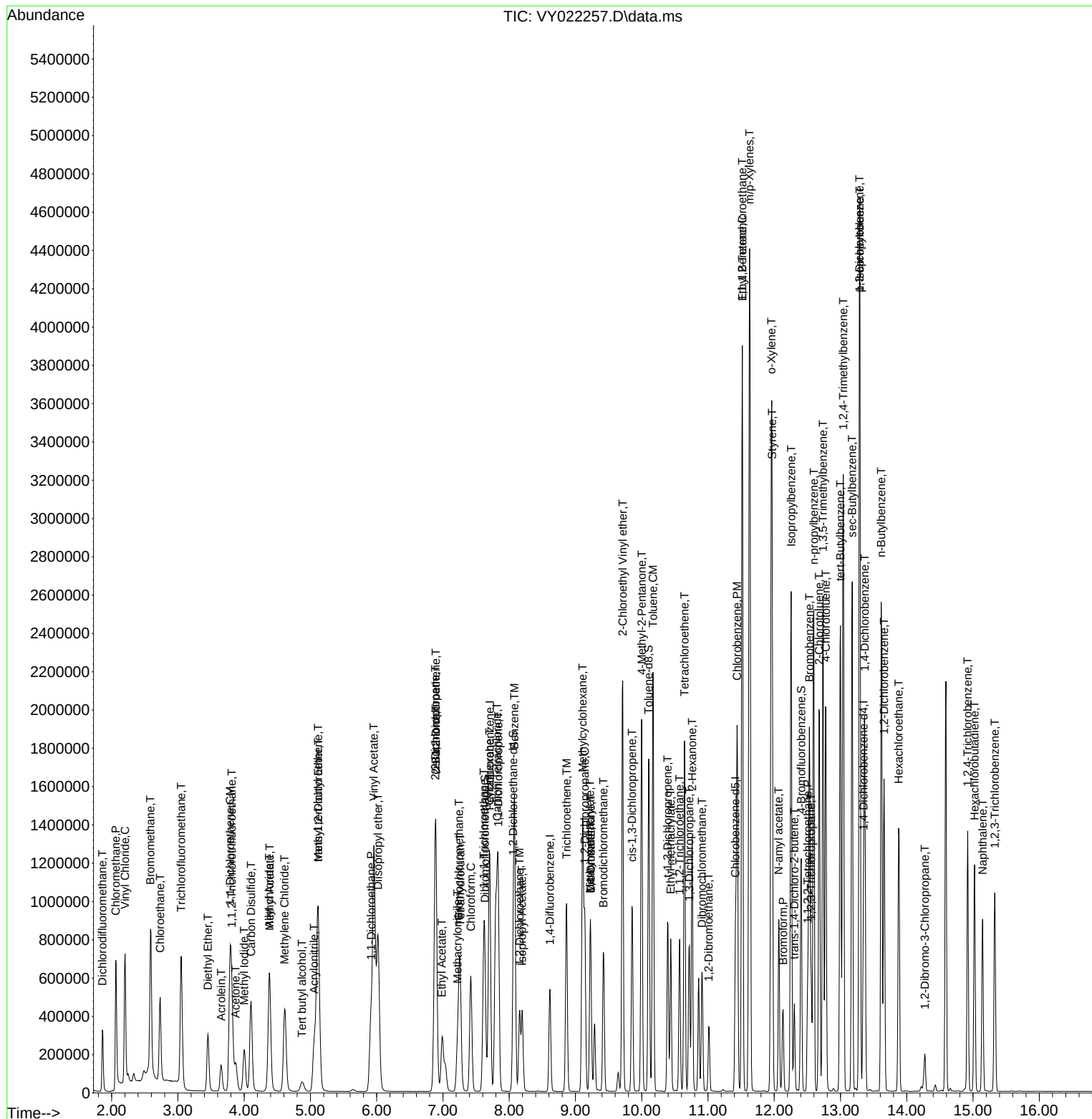
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022257.D
 Acq On : 15 May 2025 11:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

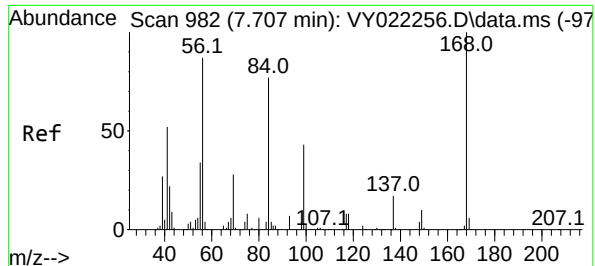
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 16 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

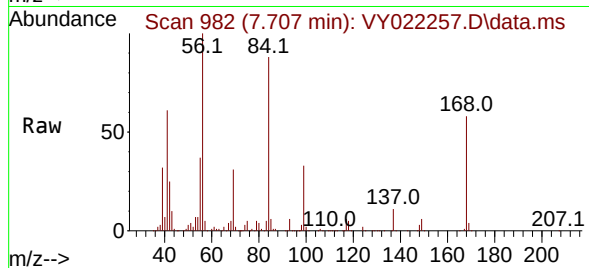
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

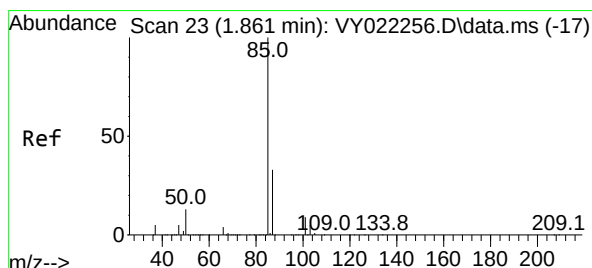
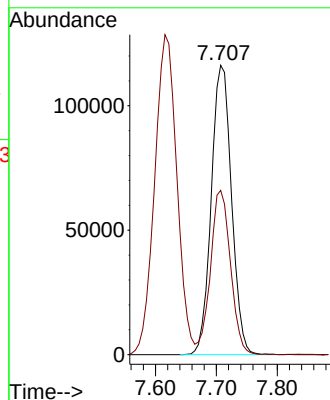
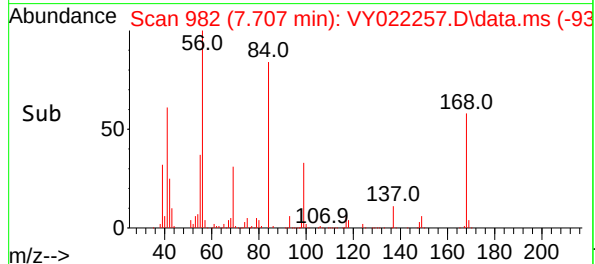
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 168 Resp: 26839
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4

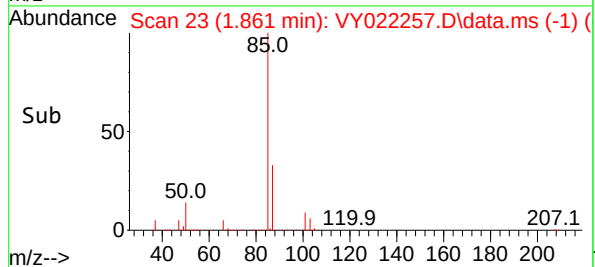
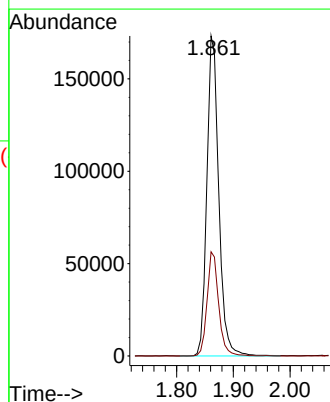
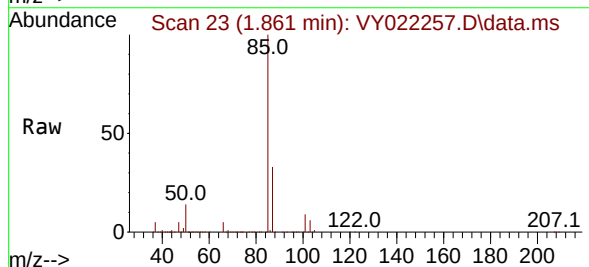
Manual Integrations
APPROVED

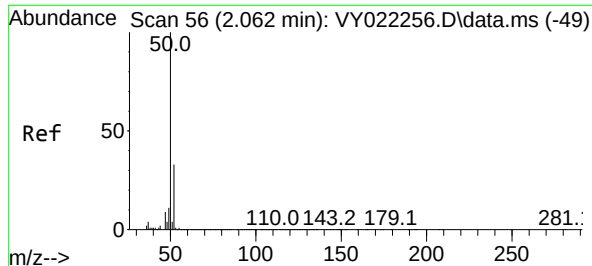
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 90.138 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

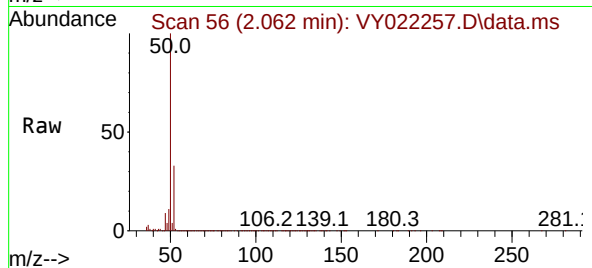
Tgt Ion: 85 Resp: 252438
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 95.302 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

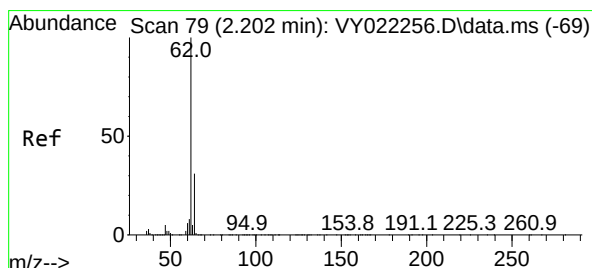
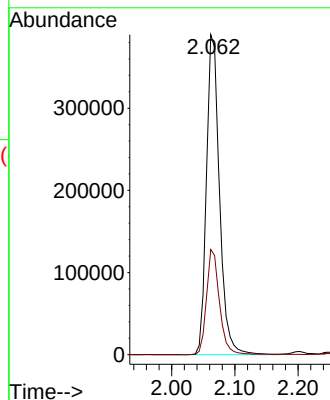
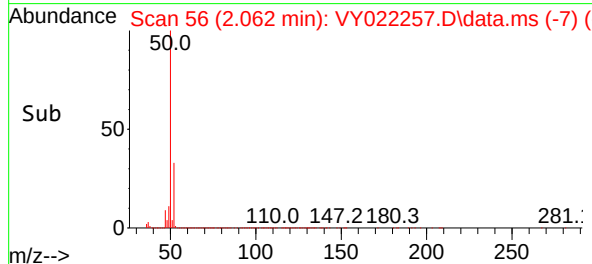
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 56144
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

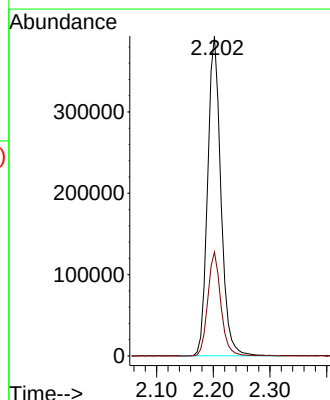
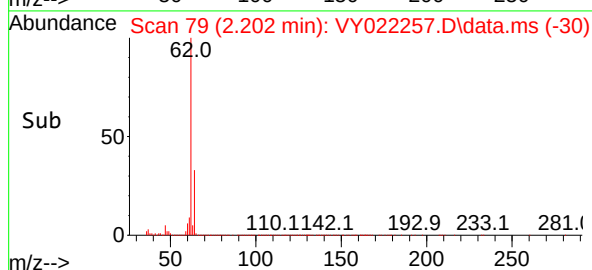
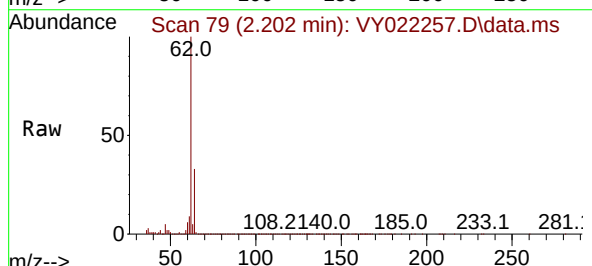
Manual Integrations
APPROVED

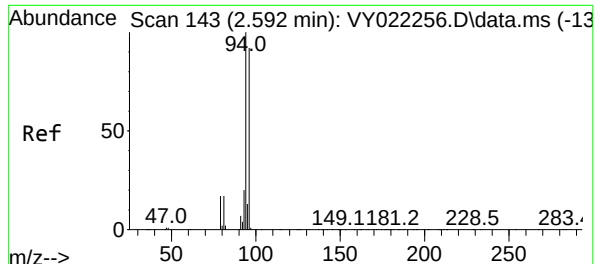
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 97.085 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 62 Resp: 639001
Ion Ratio Lower Upper
62 100
64 32.5 24.5 36.7





#5

Bromomethane

Concen: 95.642 ug/l

RT: 2.586 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 512452

Ion Ratio Lower Upper

94 100

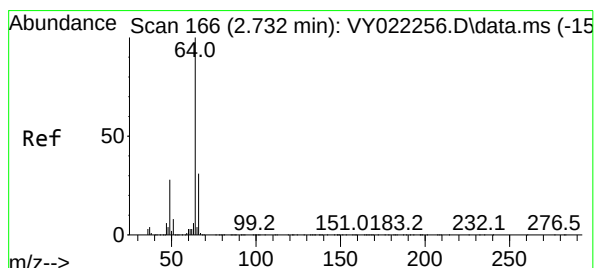
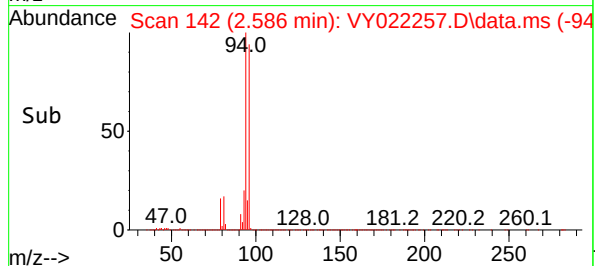
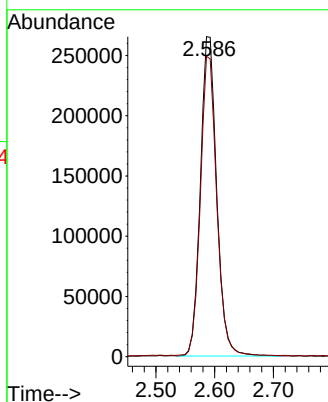
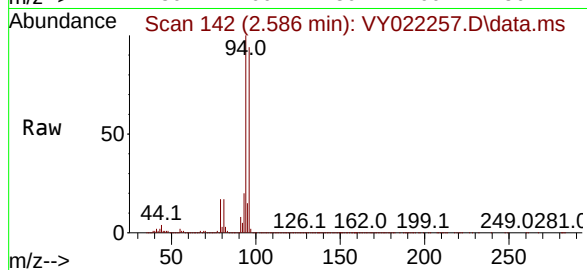
96 93.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#6

Chloroethane

Concen: 96.113 ug/l

RT: 2.732 min Scan# 166

Delta R.T. -0.000 min

Lab File: VY022257.D

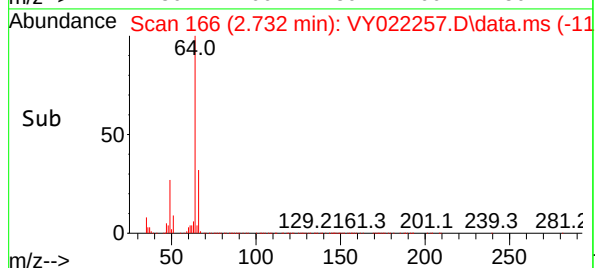
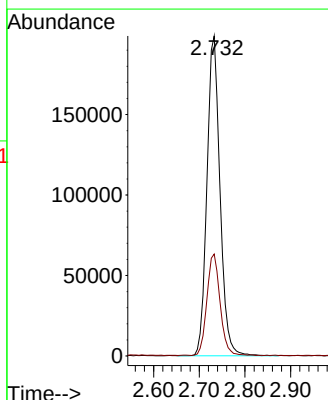
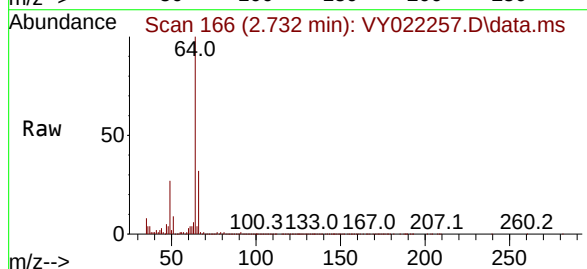
Acq: 15 May 2025 11:24

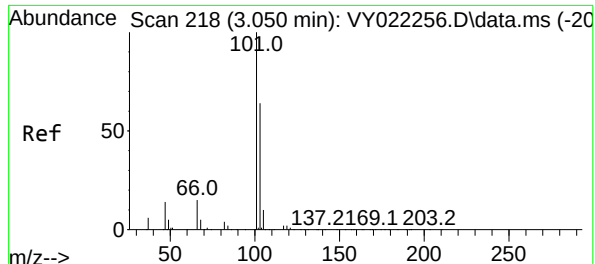
Tgt Ion: 64 Resp: 393556

Ion Ratio Lower Upper

64 100

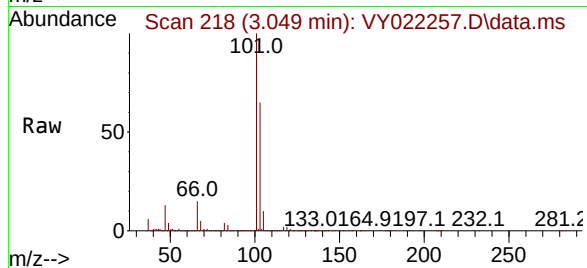
66 31.7 24.8 37.2





#7
Trichlorofluoromethane
Concen: 97.581 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

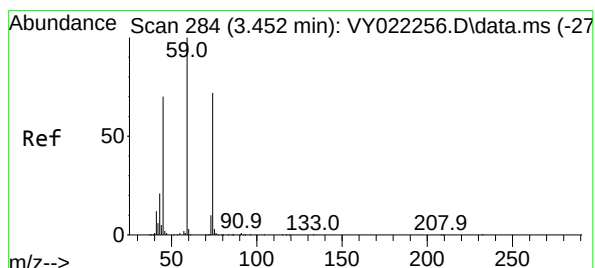
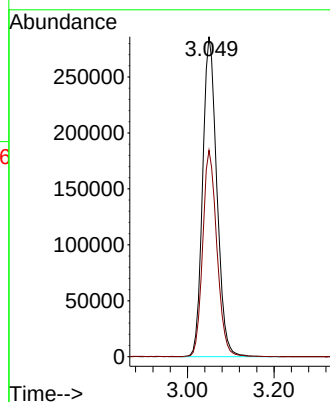
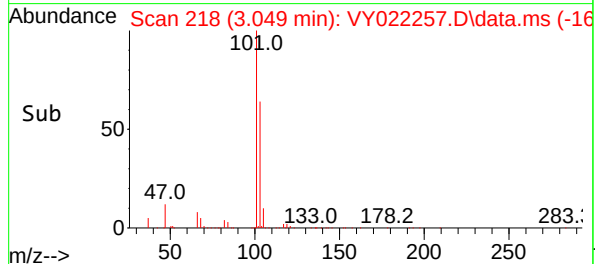
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 65026
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

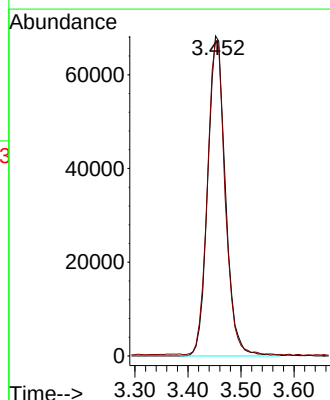
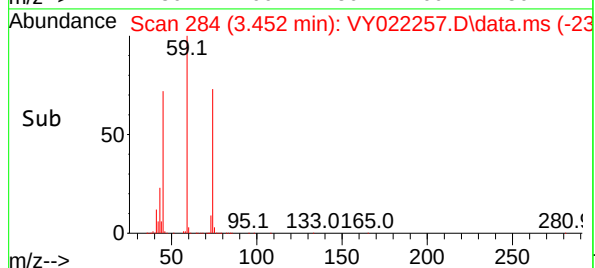
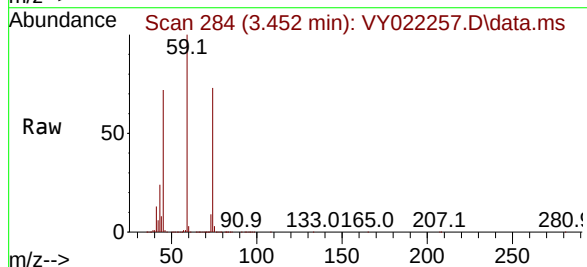
Manual Integrations
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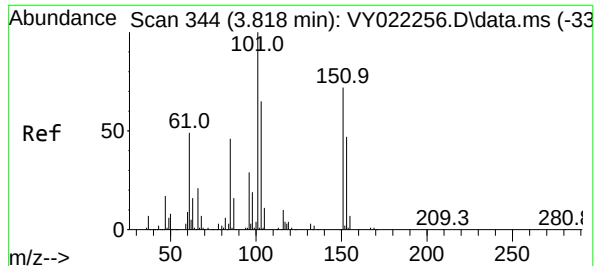
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 99.031 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 74 Resp: 158375
Ion Ratio Lower Upper
74 100
45 97.9 48.6 145.8





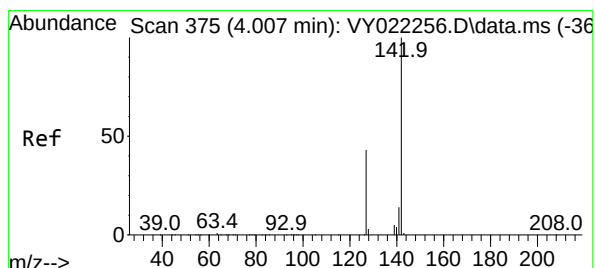
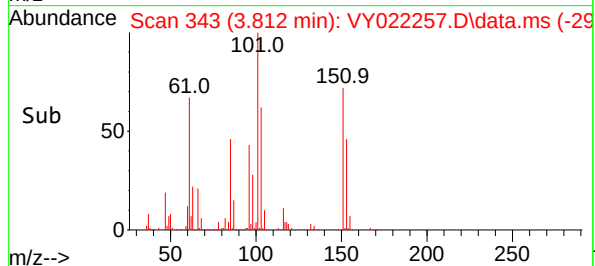
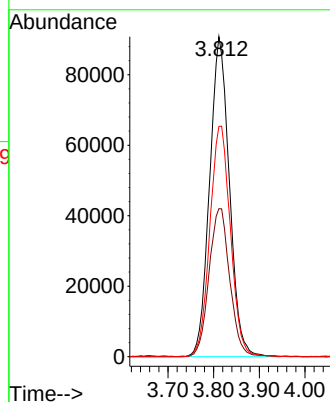
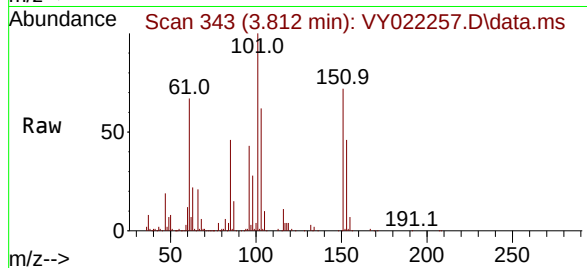
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.120 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 27228
Ion Ratio Lower Upper
101 100
85 48.8 38.6 58.0
151 75.3 59.7 89.5

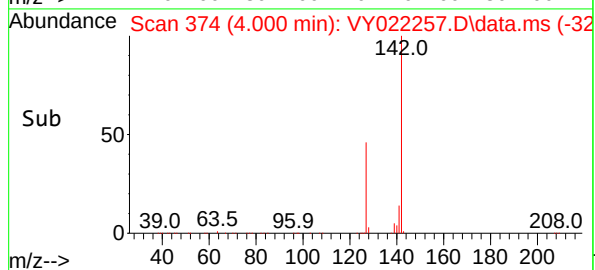
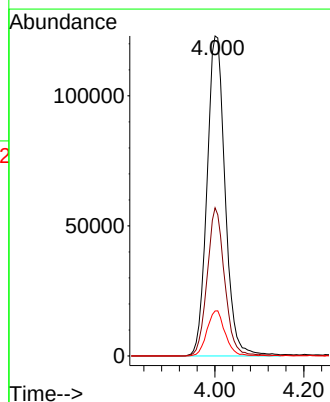
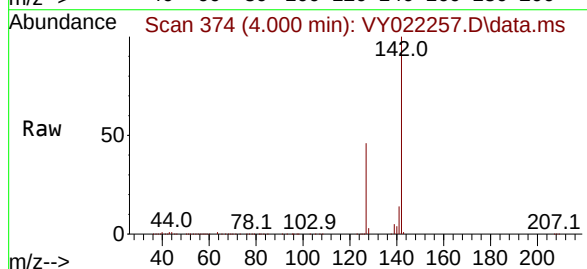
Manual Integrations
APPROVED

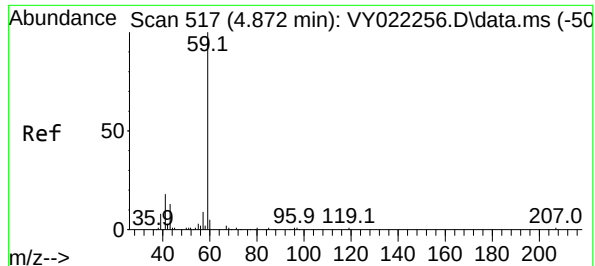
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 104.334 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion:142 Resp: 349345
Ion Ratio Lower Upper
142 100
127 44.8 35.7 53.5
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 502.655 ug/l

RT: 4.872 min Scan# 517

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 11259

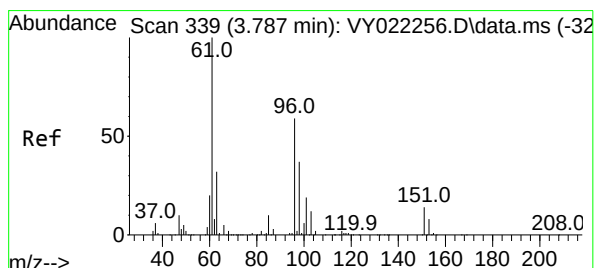
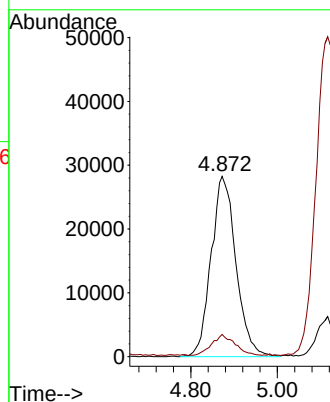
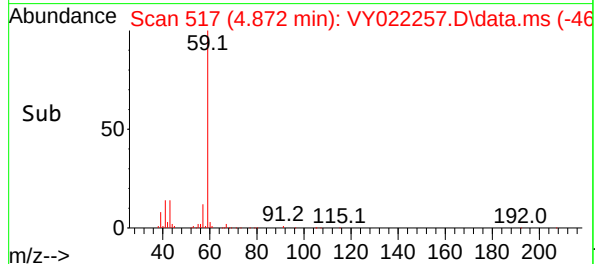
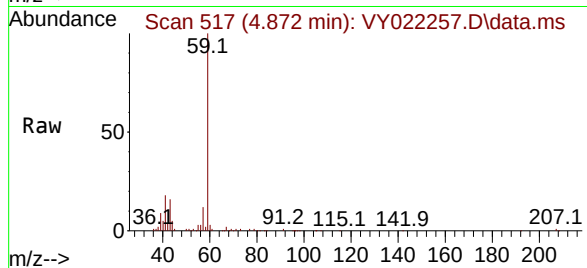
Ion Ratio Lower Upper

59 100

57 10.6 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#12

1,1-Dichloroethene

Concen: 96.798 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

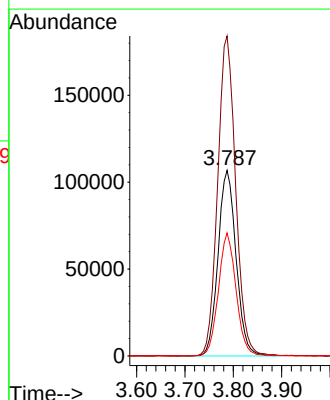
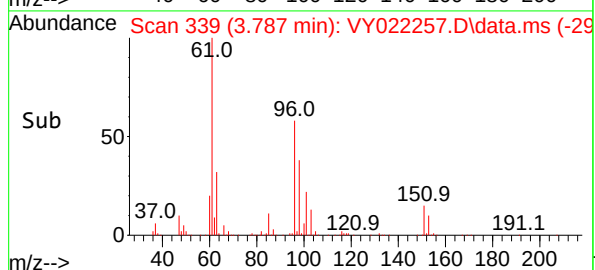
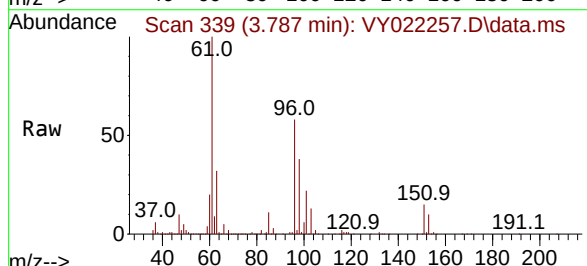
Tgt Ion: 96 Resp: 277897

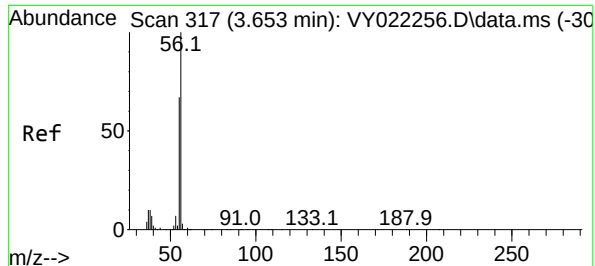
Ion Ratio Lower Upper

96 100

61 172.4 134.9 202.3

98 66.2 49.9 74.9





#13

Acrolein

Concen: 478.373 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 156649

Ion Ratio Lower Upper

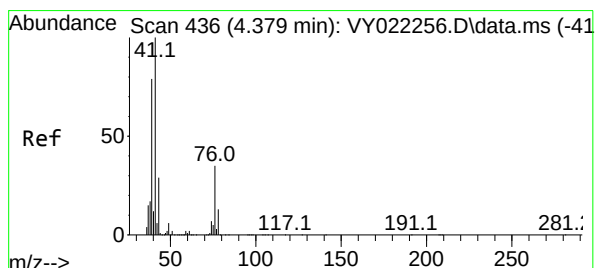
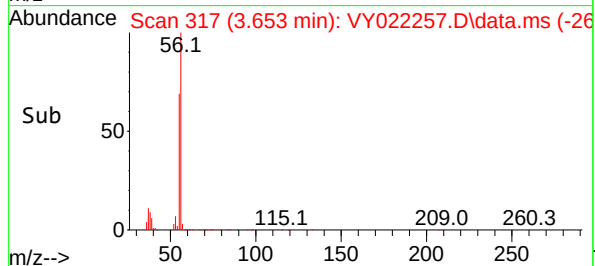
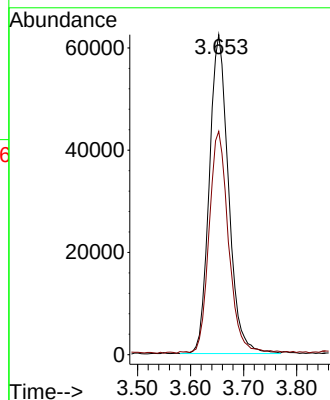
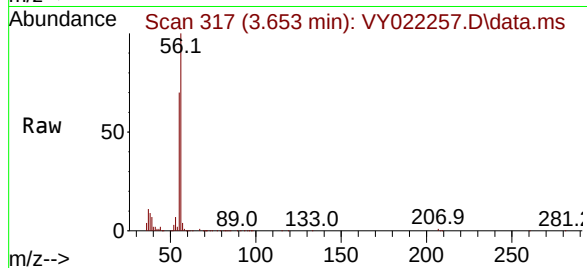
56 100

55 70.4 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#14

Allyl chloride

Concen: 99.429 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

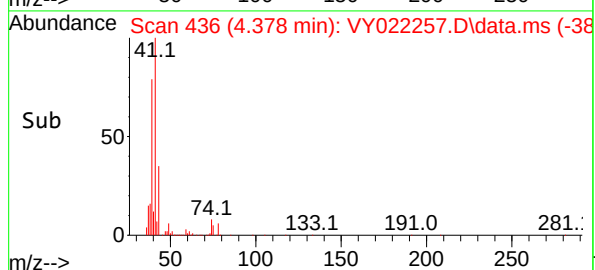
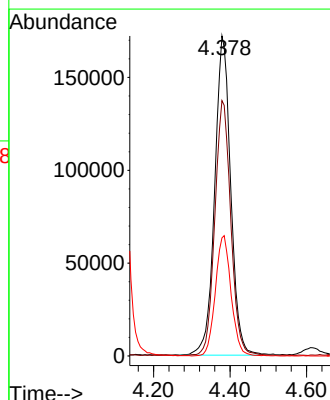
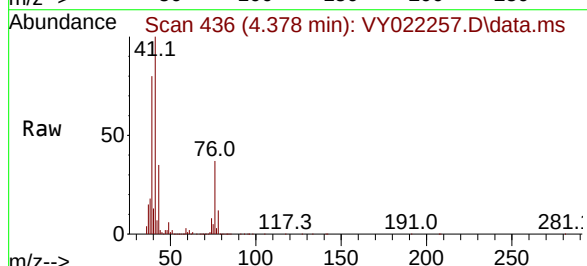
Tgt Ion: 41 Resp: 500514

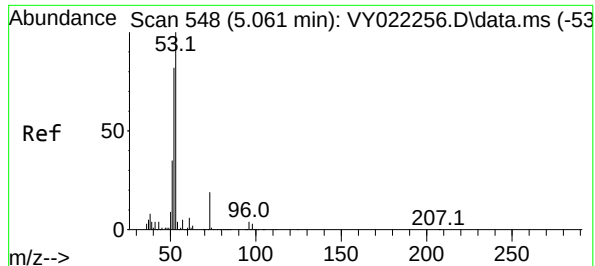
Ion Ratio Lower Upper

41 100

39 79.4 63.4 95.0

76 36.9 29.5 44.3





#15

Acrylonitrile

Concen: 516.458 ug/l

RT: 5.055 min Scan# 548

Delta R.T. -0.006 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 53 Resp: 340329

Ion Ratio Lower Upper

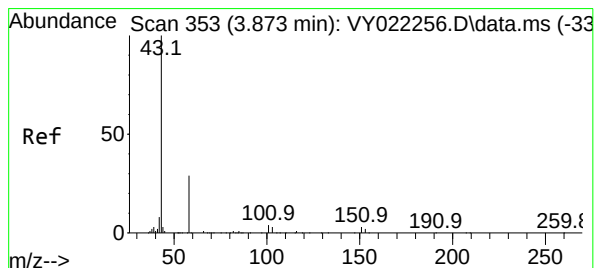
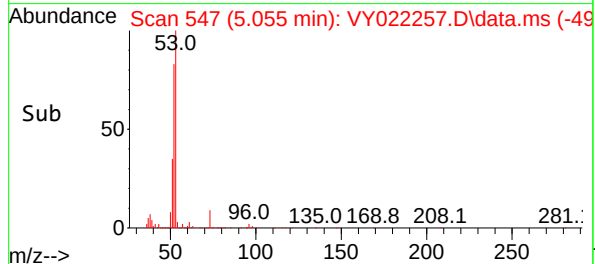
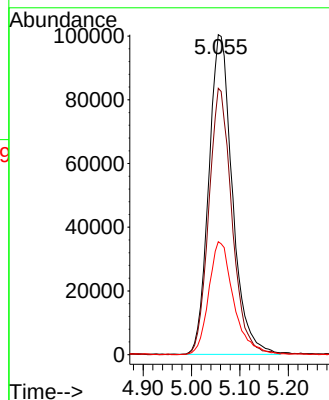
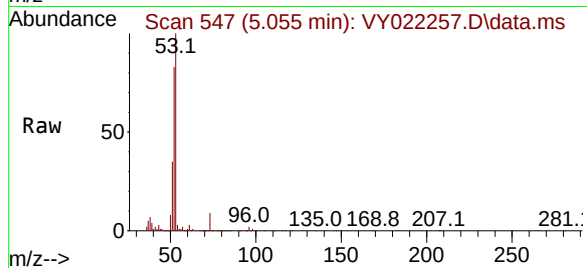
53 100

52 81.9 66.1 99.1

51 37.4 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#16

Acetone

Concen: 458.767 ug/l

RT: 3.872 min Scan# 353

Delta R.T. -0.000 min

Lab File: VY022257.D

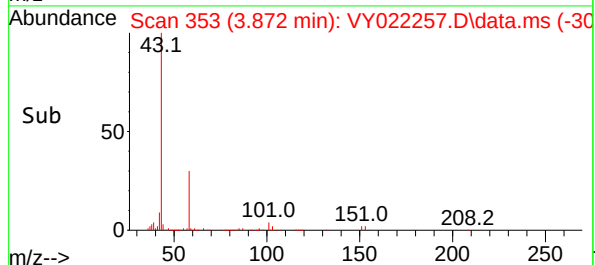
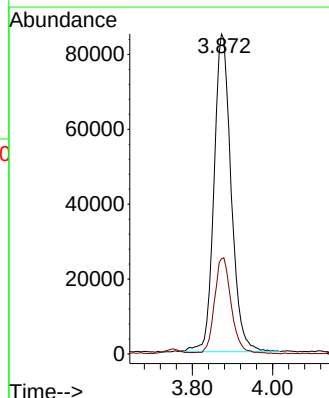
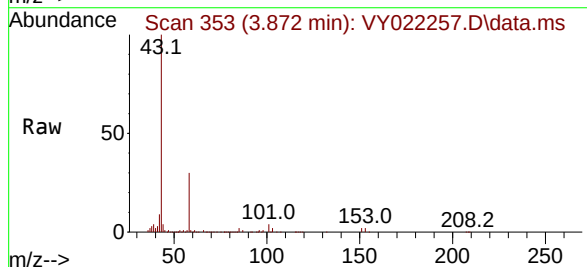
Acq: 15 May 2025 11:24

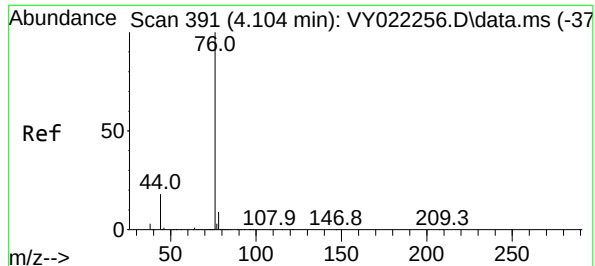
Tgt Ion: 43 Resp: 252327

Ion Ratio Lower Upper

43 100

58 29.9 23.6 35.4





#17

Carbon Disulfide

Concen: 96.251 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.000 min

Lab File: VY022257.D

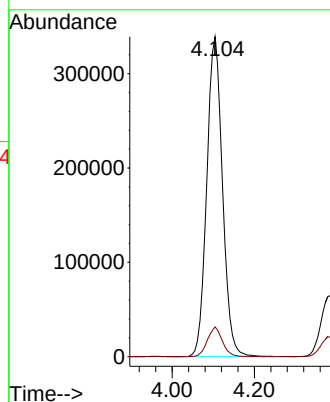
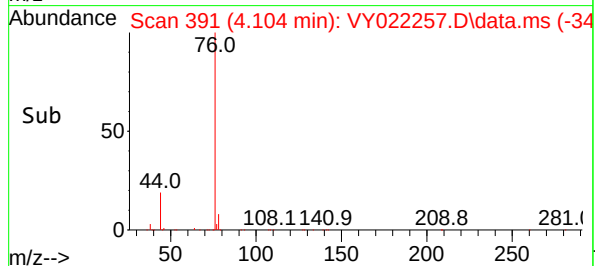
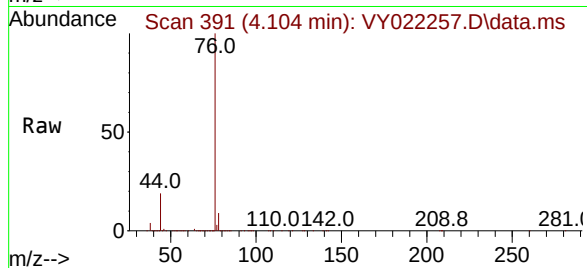
Acq: 15 May 2025 11:24

Tgt Ion: 76 Resp: 90108

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Instrument :

MSVOA_Y

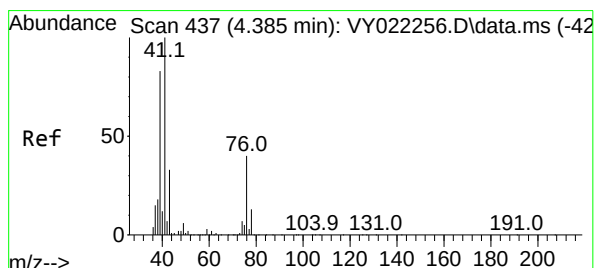
ClientSampleId :

VSTDIC100

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18

Methyl Acetate

Concen: 111.043 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY022257.D

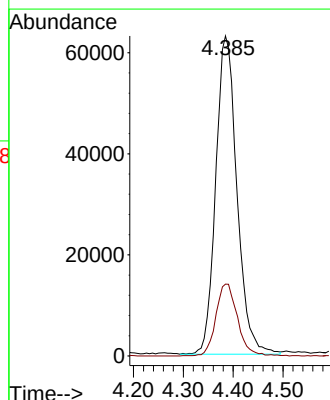
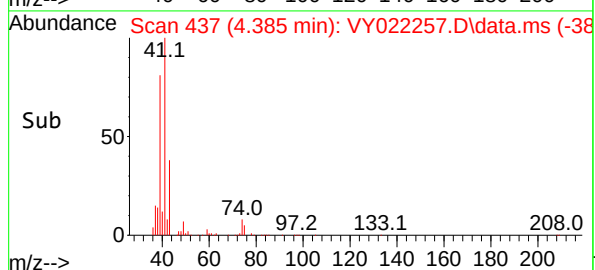
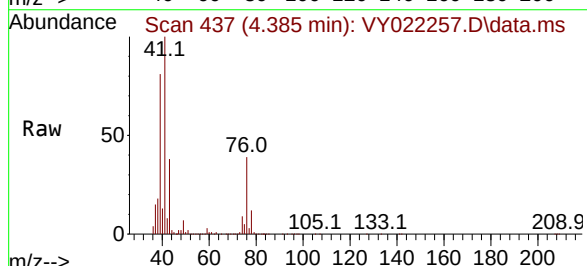
Acq: 15 May 2025 11:24

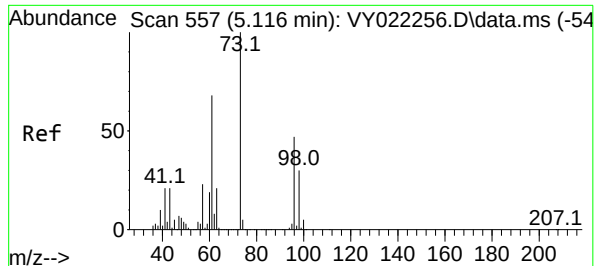
Tgt Ion: 43 Resp: 185837

Ion Ratio Lower Upper

43 100

74 22.9 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 101.997 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 73 Resp: 807404

Ion Ratio Lower Upper

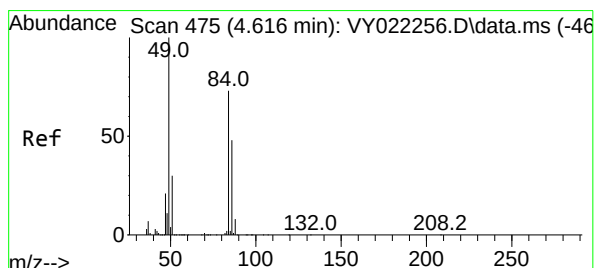
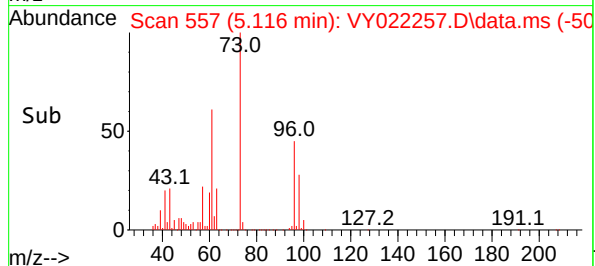
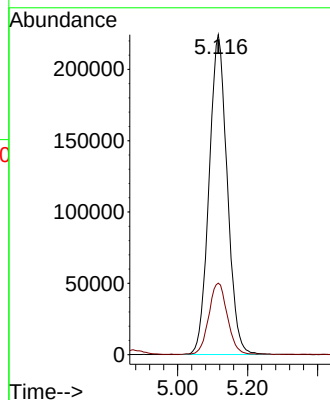
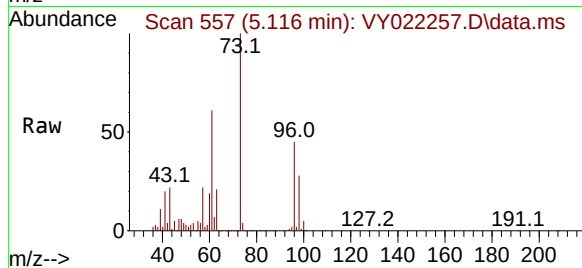
73 100

57 22.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#20

Methylene Chloride

Concen: 86.076 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Tgt Ion: 84 Resp: 305912

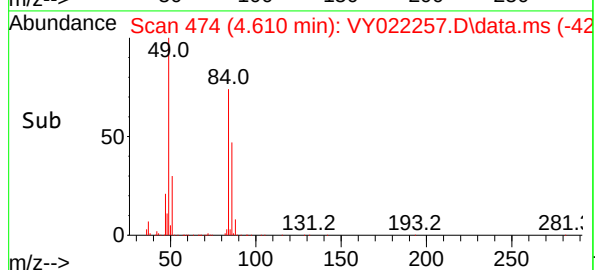
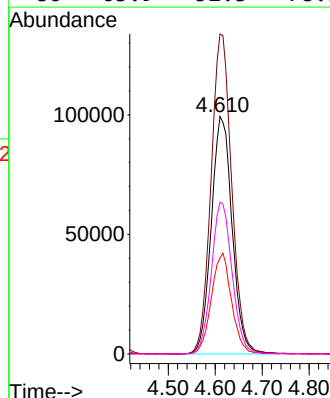
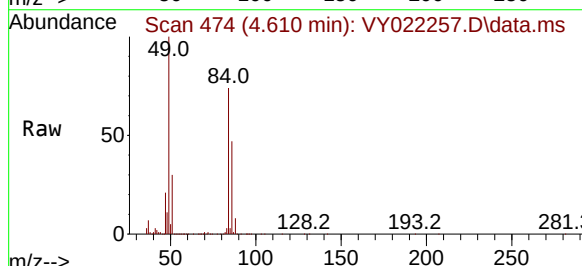
Ion Ratio Lower Upper

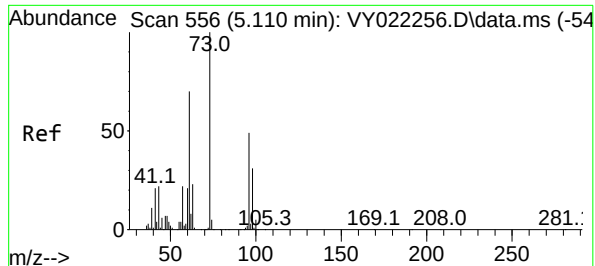
84 100

49 134.8 109.6 164.4

51 40.3 32.4 48.6

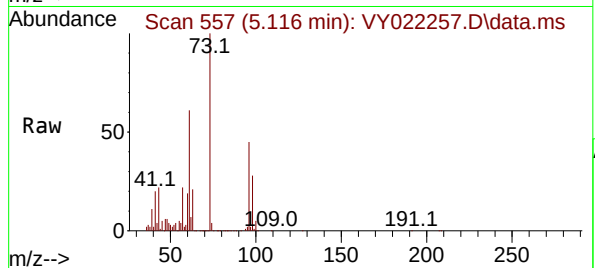
86 63.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 98.288 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

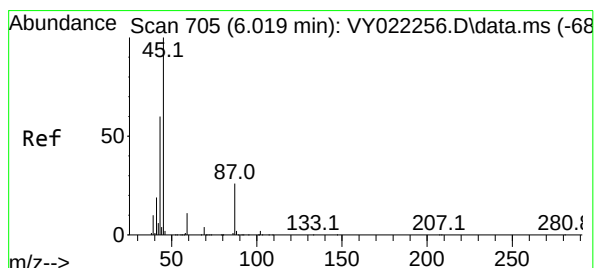
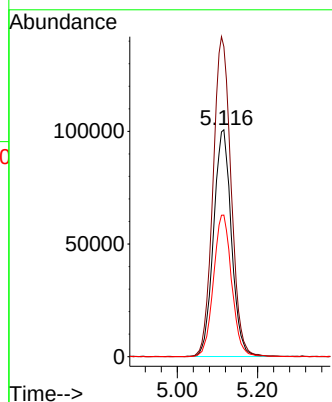
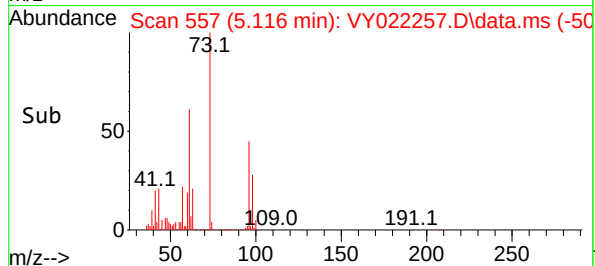
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 311460
Ion Ratio Lower Upper
96 100
61 136.7 113.4 170.0
98 62.4 50.9 76.3

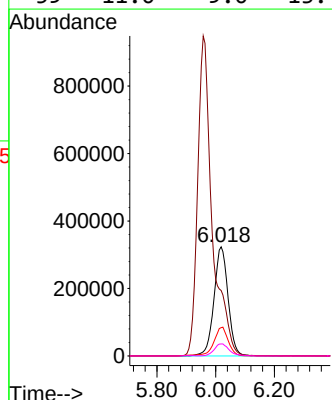
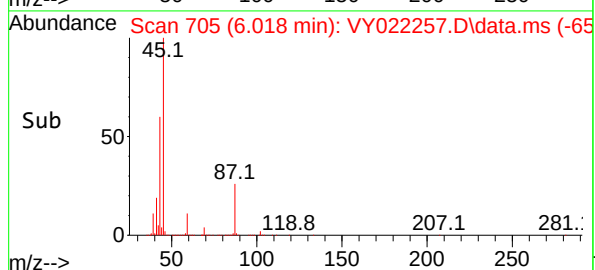
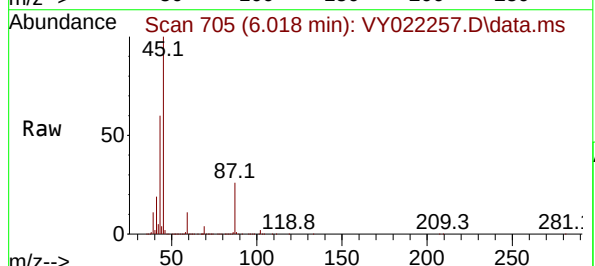
Manual Integrations
APPROVED

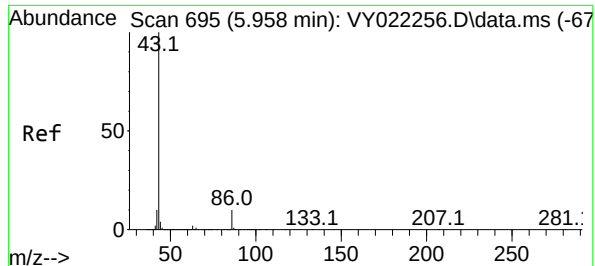
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 101.128 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 45 Resp: 1075035
Ion Ratio Lower Upper
45 100
43 59.8 48.2 72.2
87 25.9 21.4 32.0
59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 507.456 ug/l

RT: 5.957 min Scan# 695

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 3259000

Ion Ratio Lower Upper

43 100

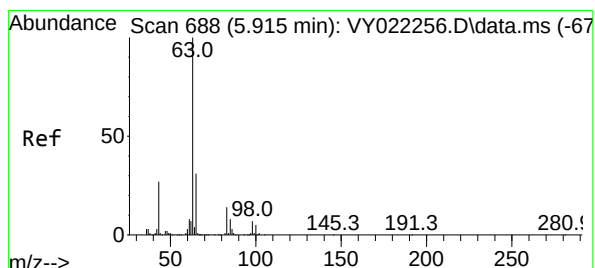
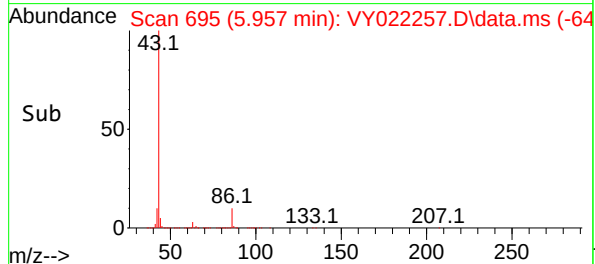
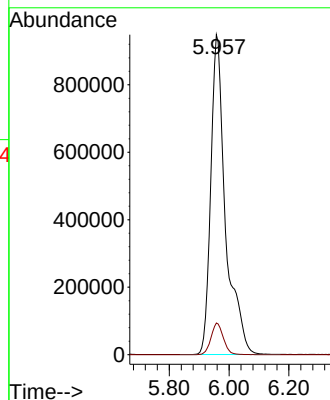
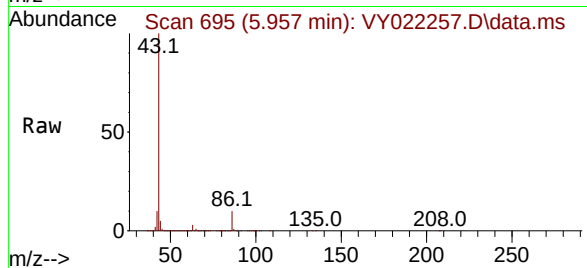
86 9.9

7.8

11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#24

1,1-Dichloroethane

Concen: 98.750 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Tgt Ion: 63 Resp: 586479

Ion Ratio Lower Upper

63 100

98 6.7

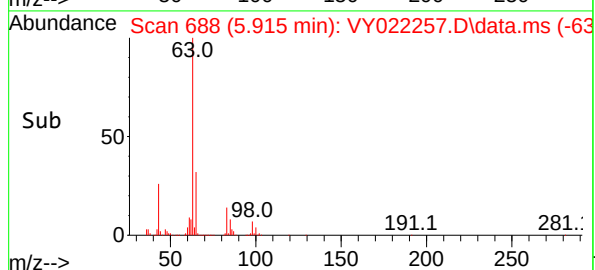
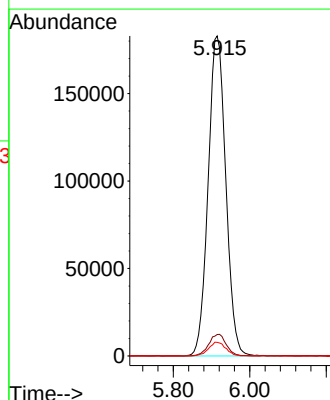
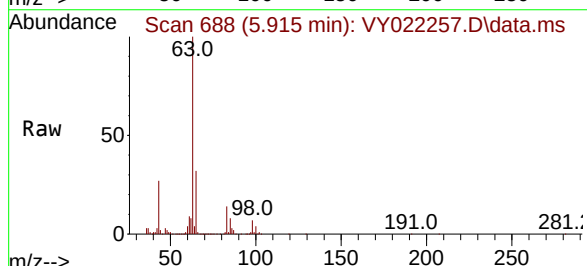
3.5

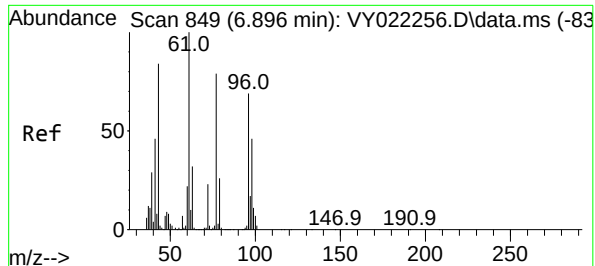
10.5

100 4.2

2.4

7.2





#25

2-Butanone

Concen: 507.932 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 46730

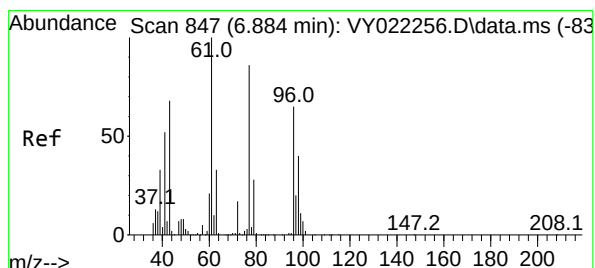
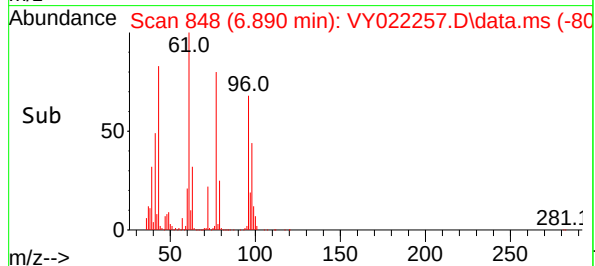
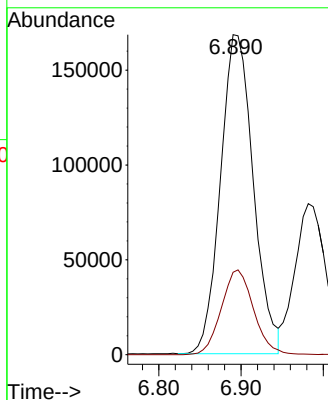
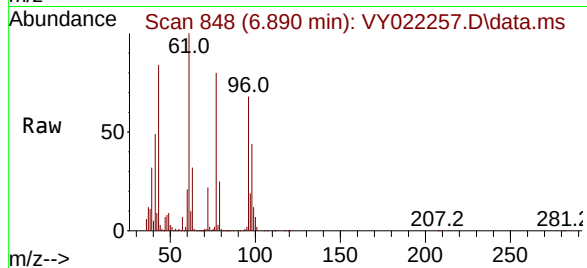
Ion Ratio Lower Upper

43 100

72 25.8 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#26

2,2-Dichloropropane

Concen: 97.682 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022257.D

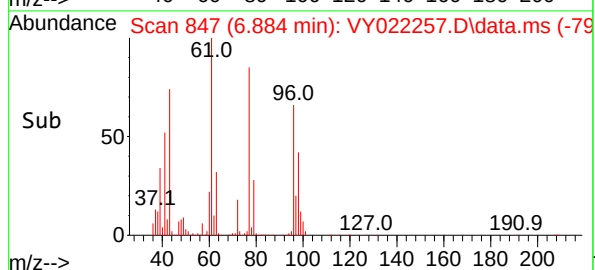
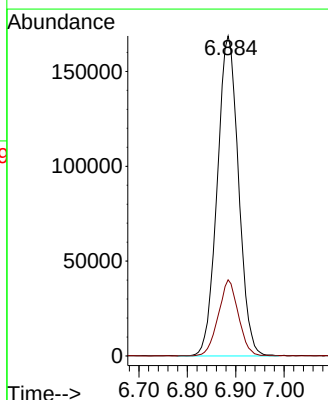
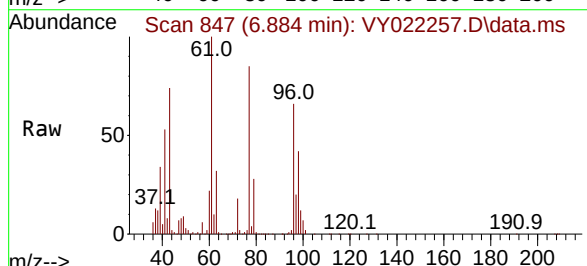
Acq: 15 May 2025 11:24

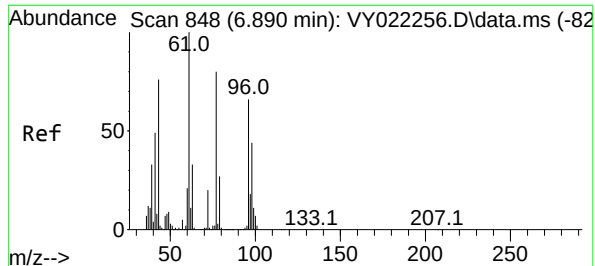
Tgt Ion: 77 Resp: 515990

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 100.861 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 368820

Ion Ratio Lower Upper

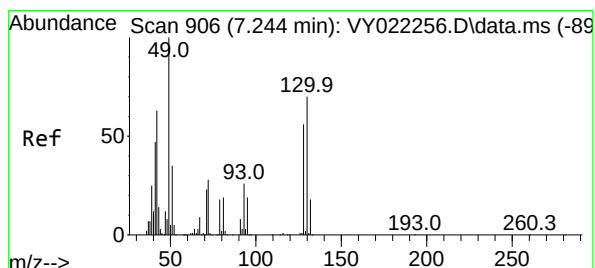
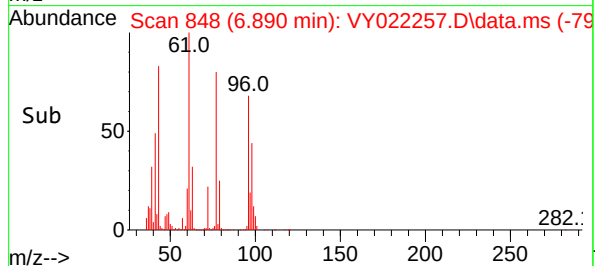
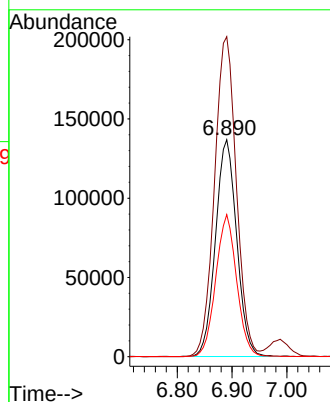
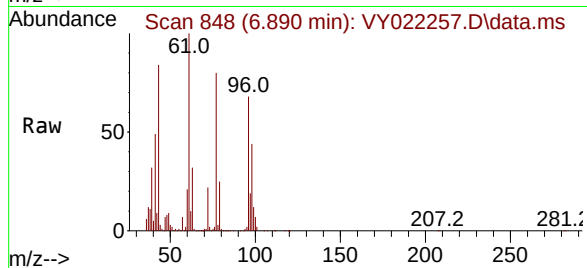
96 100

61 152.0 0.0 302.6

98 64.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#28

Bromochloromethane

Concen: 99.349 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

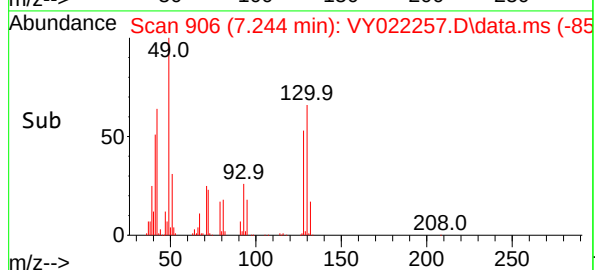
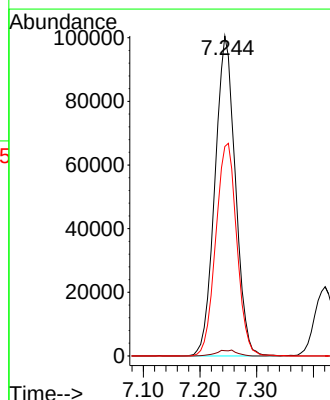
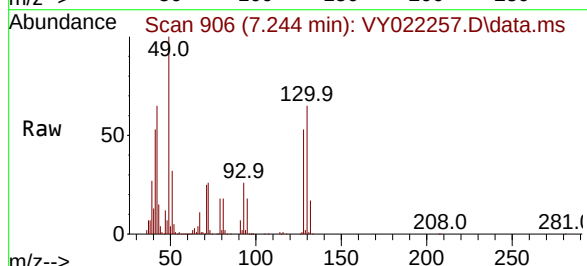
Tgt Ion: 49 Resp: 251676

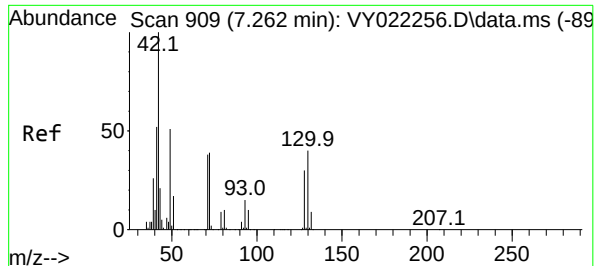
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 527.609 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 312280

Ion Ratio Lower Upper

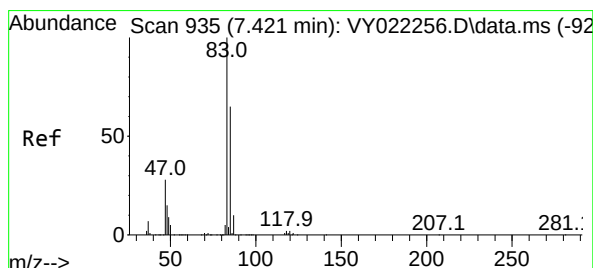
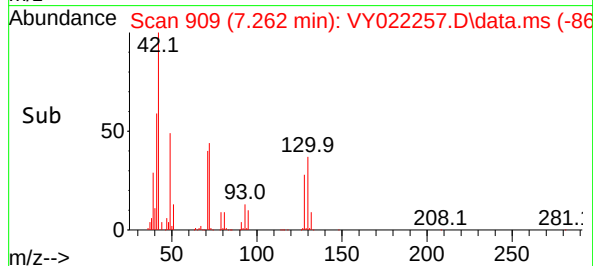
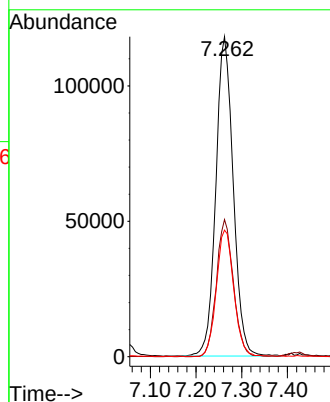
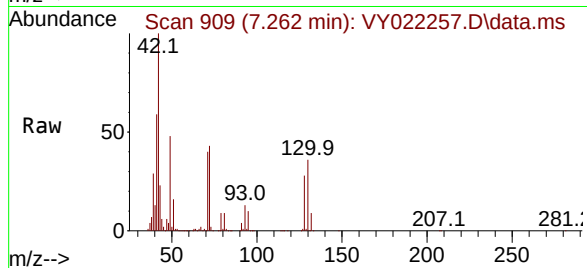
42 100

72 42.0 33.8 50.6

71 39.4 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#30

Chloroform

Concen: 99.326 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022257.D

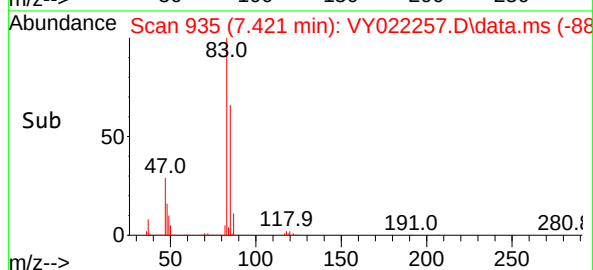
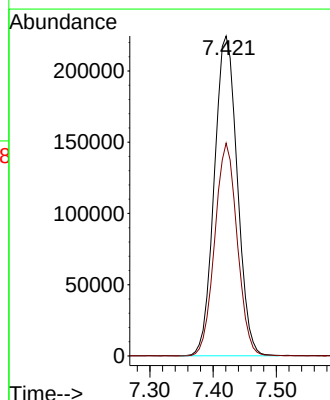
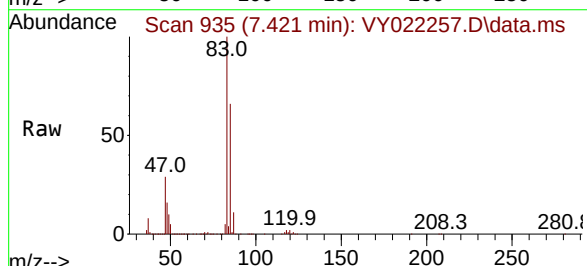
Acq: 15 May 2025 11:24

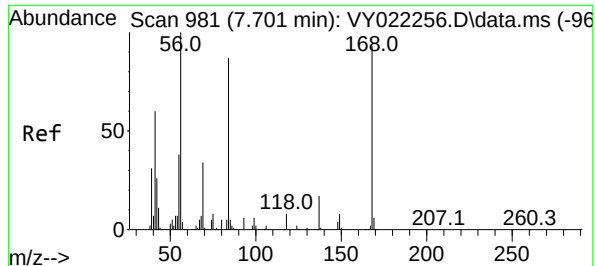
Tgt Ion: 83 Resp: 565823

Ion Ratio Lower Upper

83 100

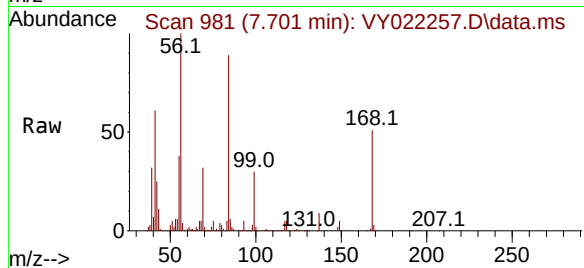
85 66.5 51.8 77.8





#31
Cyclohexane
Concen: 90.301 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

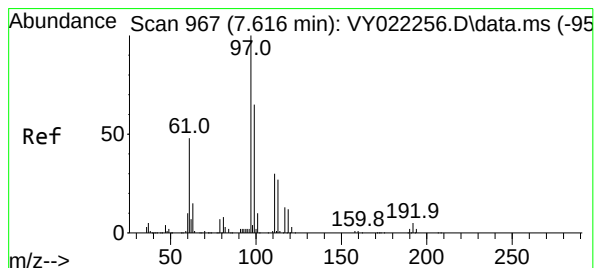
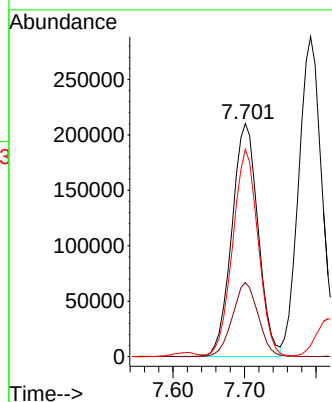
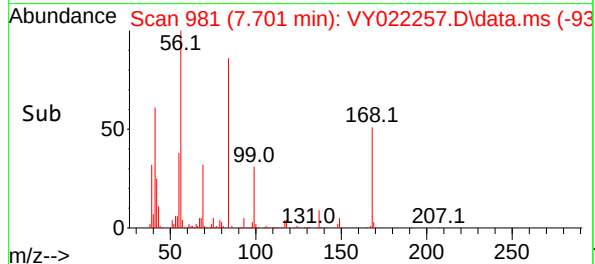
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 535839
Ion Ratio Lower Upper
56 100
69 31.8 27.4 41.2
84 87.6 70.0 105.0

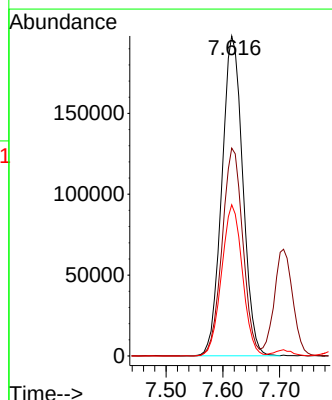
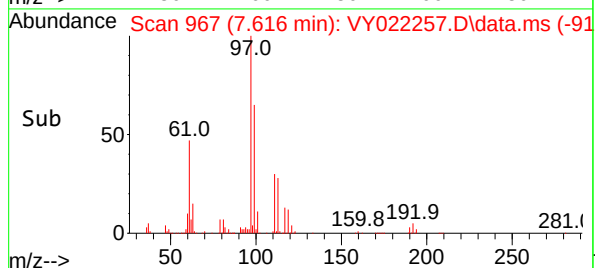
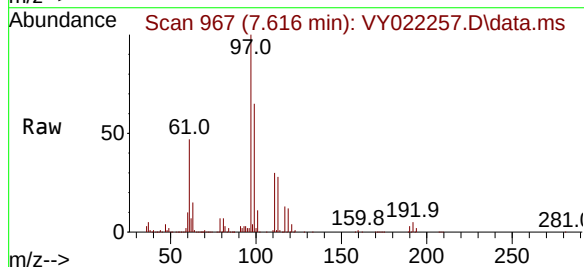
Manual Integrations
APPROVED

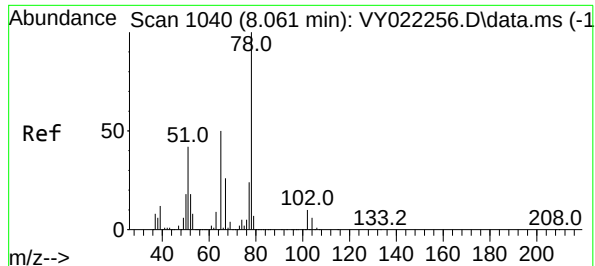
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#32
1,1,1-Trichloroethane
Concen: 96.995 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 97 Resp: 506927
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 47.1 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 99.729 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 29253

Ion Ratio Lower Upper

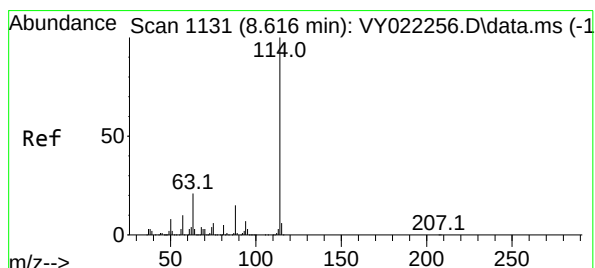
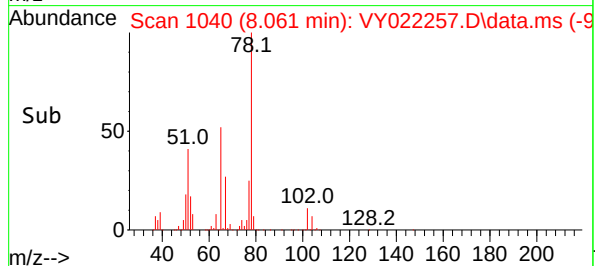
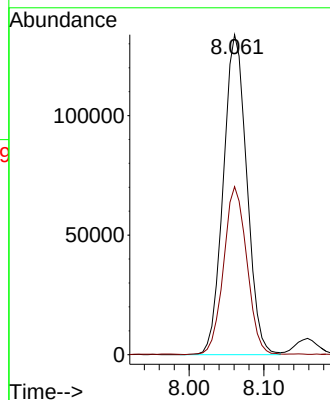
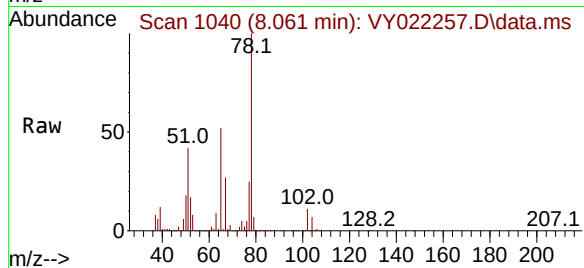
65 100

67 51.8 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

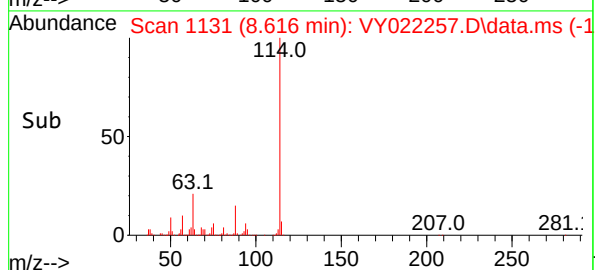
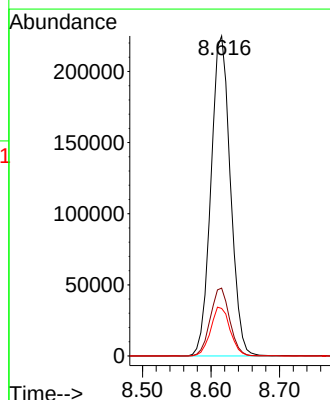
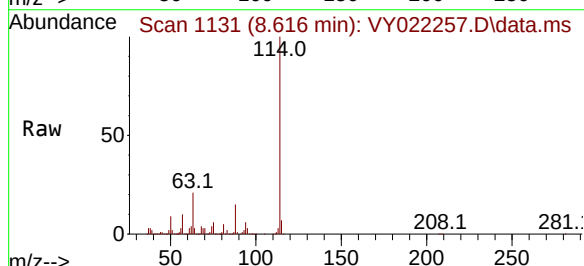
Tgt Ion:114 Resp: 443341

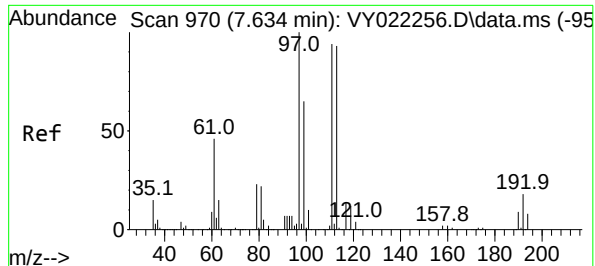
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.0

88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 99.389 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 26299

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

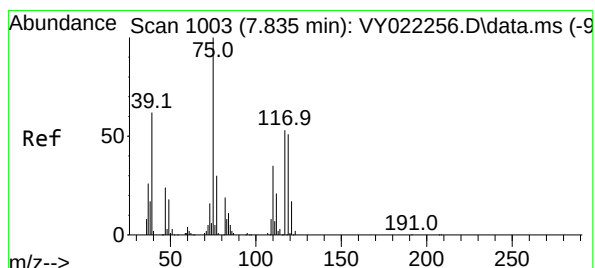
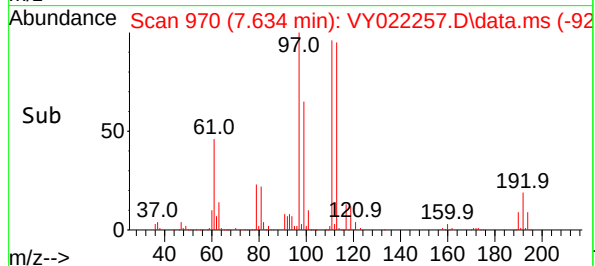
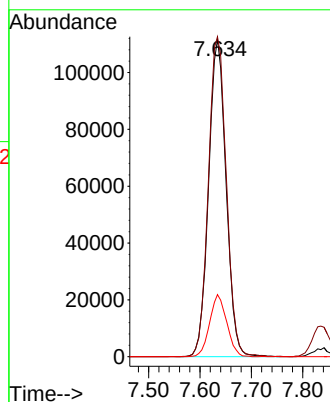
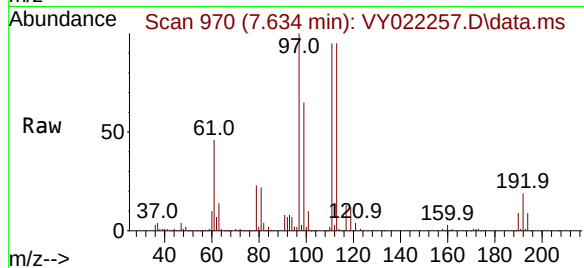
192 19.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 98.465 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

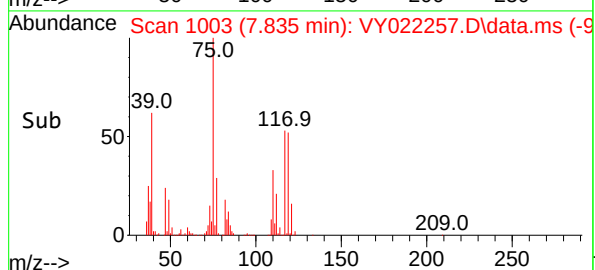
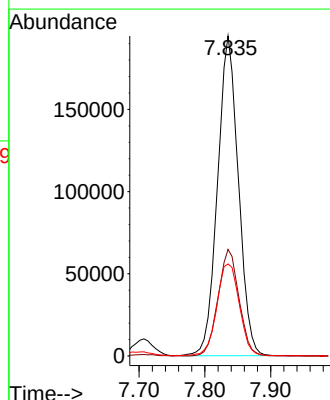
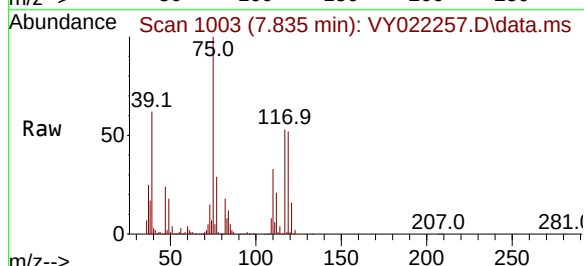
Tgt Ion: 75 Resp: 429153

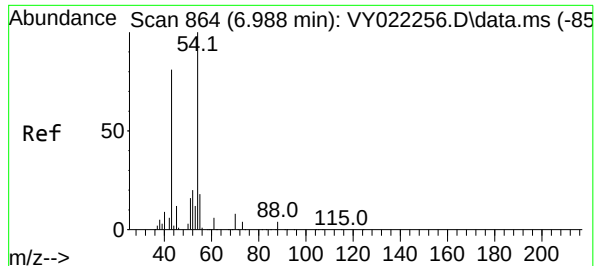
Ion Ratio Lower Upper

75 100

110 33.5 16.6 49.8

77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 101.642 ug/l

RT: 6.982 min Scan# 864

Delta R.T. -0.006 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 21315

Ion Ratio Lower Upper

43 100

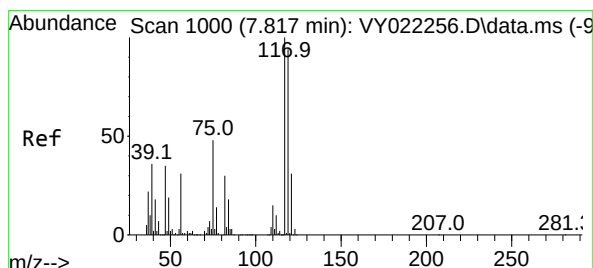
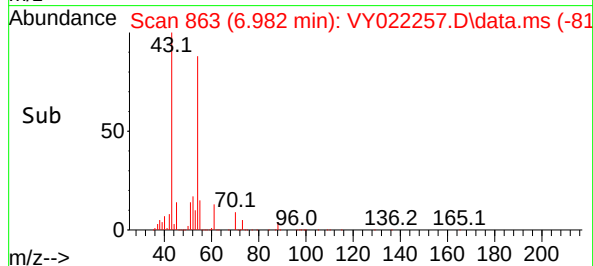
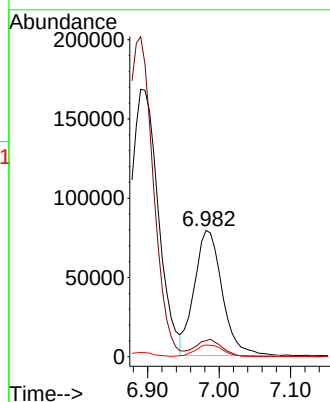
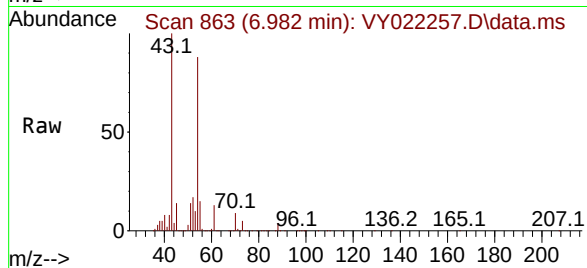
61 13.0 10.2 15.2

70 9.1 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 100.097 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

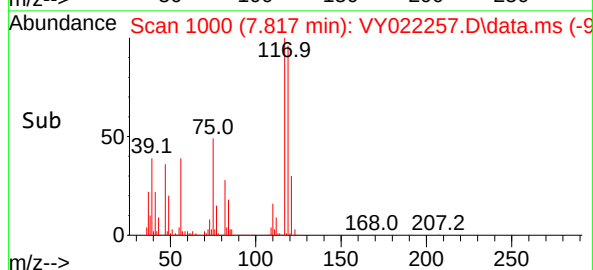
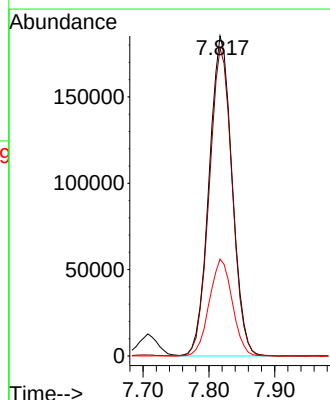
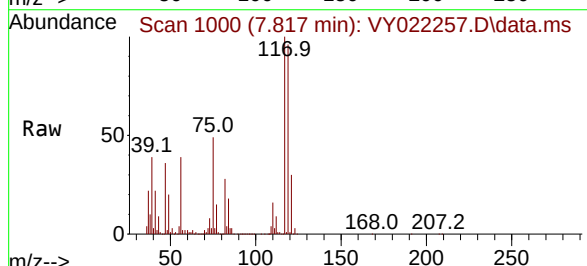
Tgt Ion:117 Resp: 451589

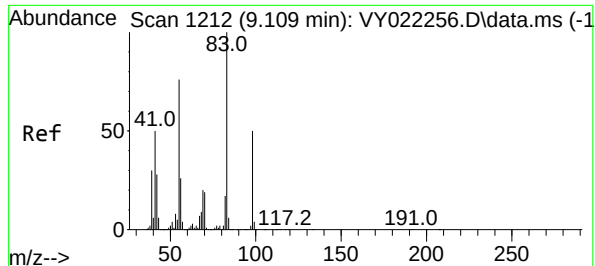
Ion Ratio Lower Upper

117 100

119 96.2 75.3 112.9

121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 96.704 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 566259

Ion Ratio Lower Upper

83 100

55 75.9 60.6 90.8

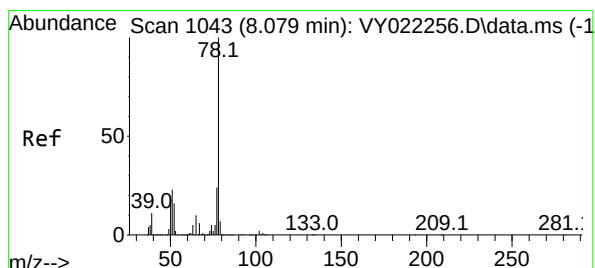
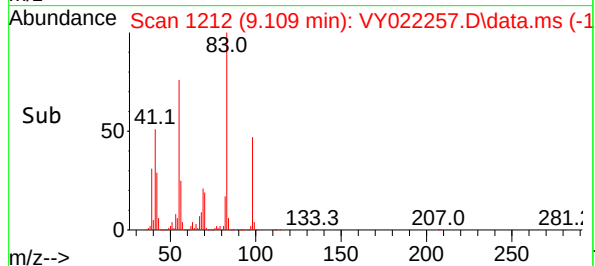
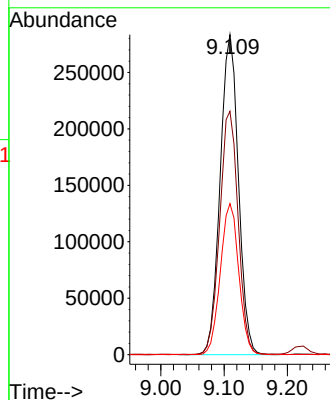
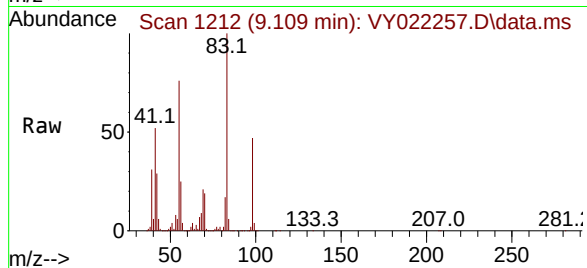
98 47.2 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 101.677 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022257.D

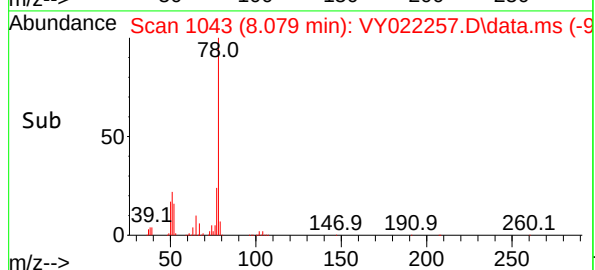
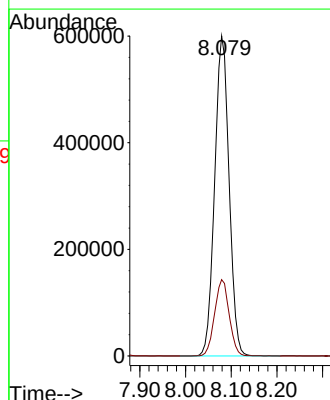
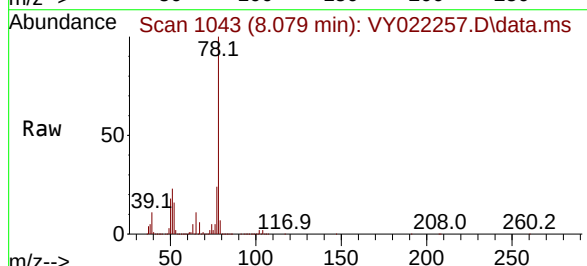
Acq: 15 May 2025 11:24

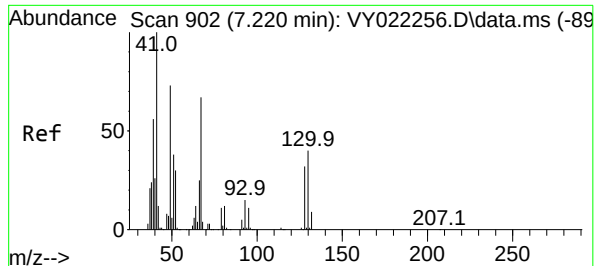
Tgt Ion: 78 Resp: 1313733

Ion Ratio Lower Upper

78 100

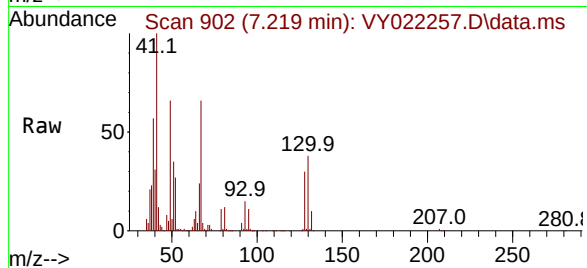
77 23.8 18.9 28.3





#41
Methacrylonitrile
Concen: 85.474 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

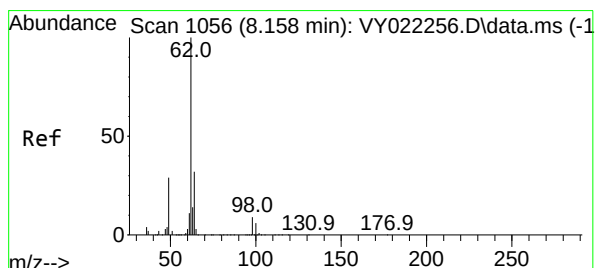
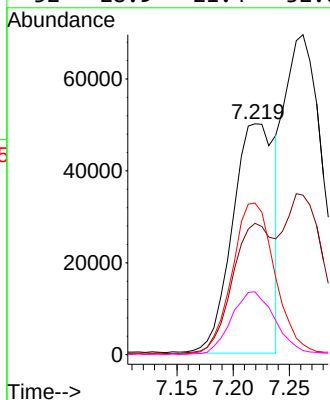
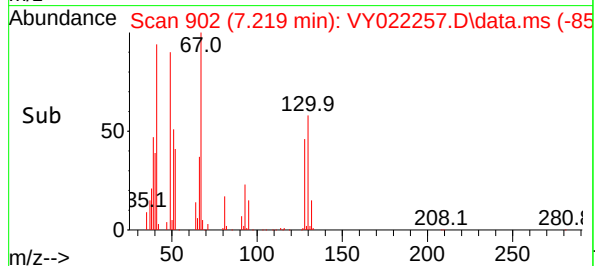
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 13115
Ion Ratio Lower Upper
41 100
39 55.7 39.1 58.7
67 67.2 47.1 70.7
52 28.9 21.4 32.0

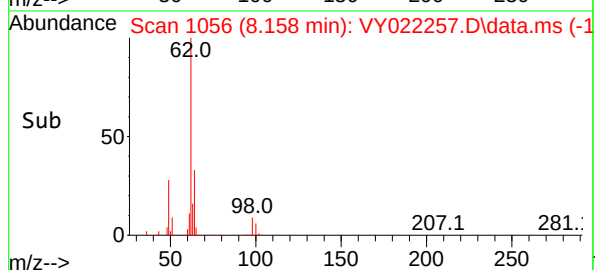
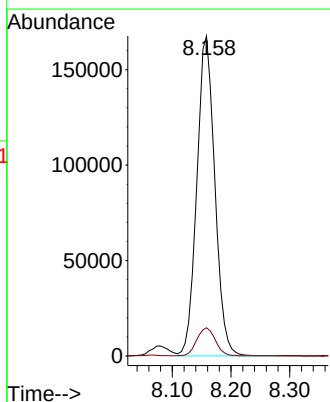
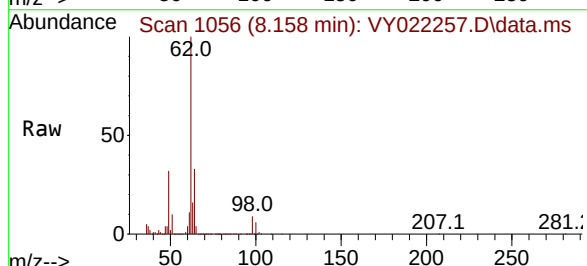
Manual Integrations
APPROVED

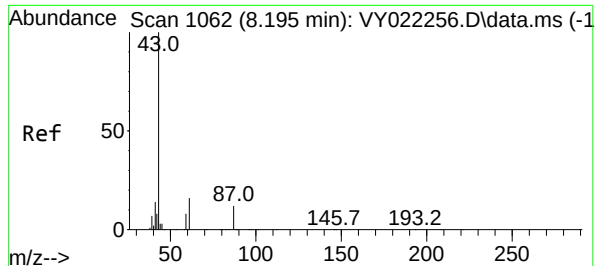
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 102.165 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 62 Resp: 356974
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 103.517 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 473430

Ion Ratio Lower Upper

43 100

61 18.5 15.1 22.7

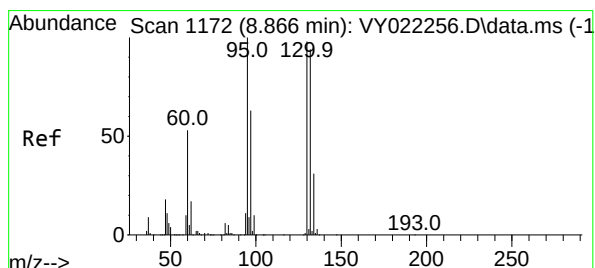
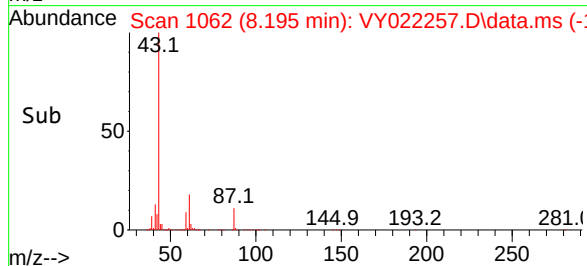
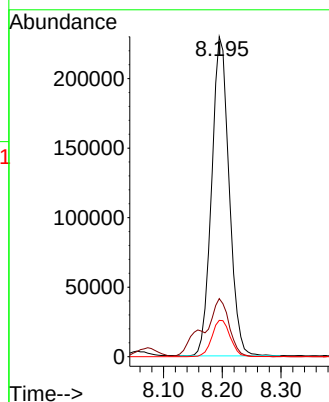
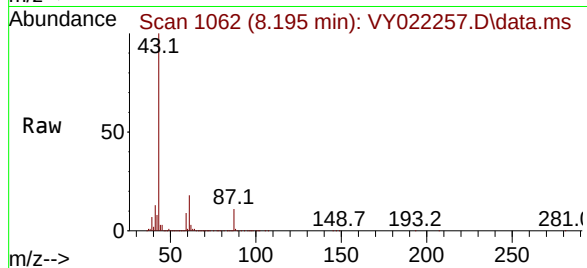
87 12.0 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#44

Trichloroethene

Concen: 98.218 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022257.D

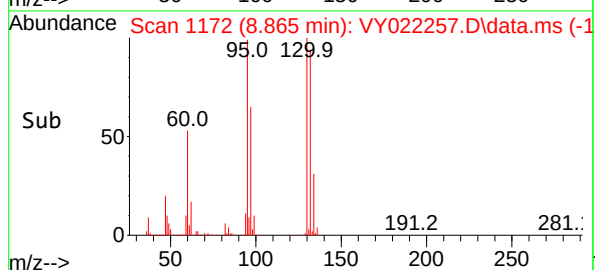
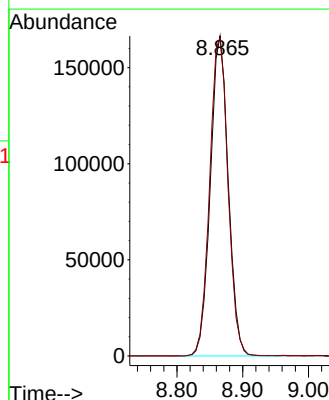
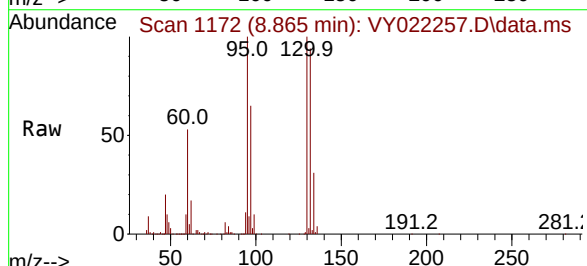
Acq: 15 May 2025 11:24

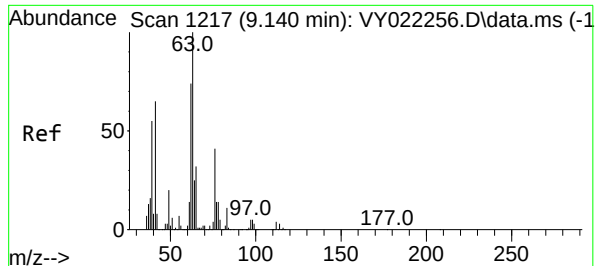
Tgt Ion:130 Resp: 315543

Ion Ratio Lower Upper

130 100

95 99.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 100.858 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 314179

Ion Ratio Lower Upper

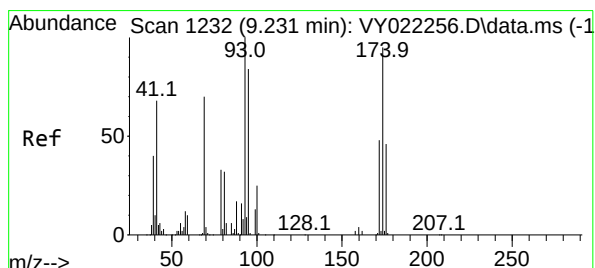
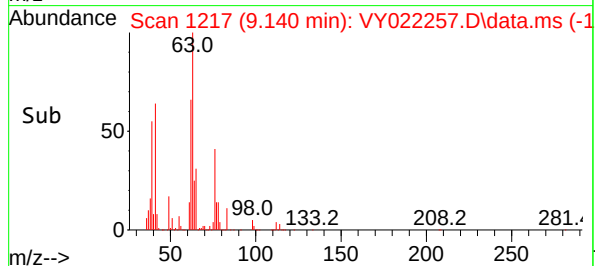
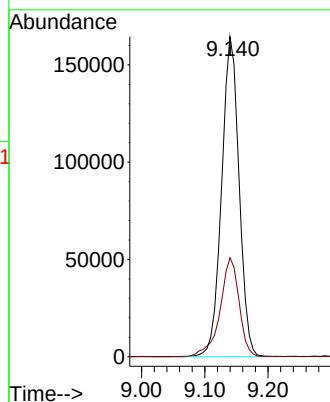
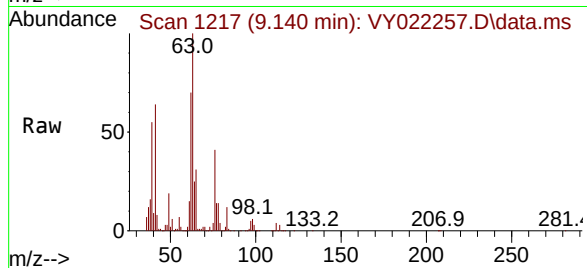
63 100

65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 101.606 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

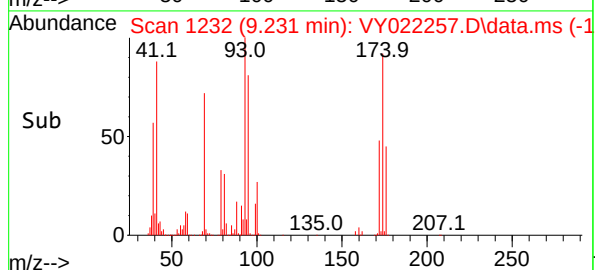
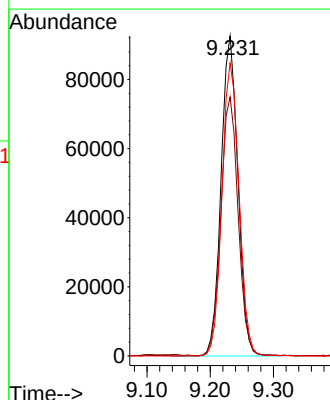
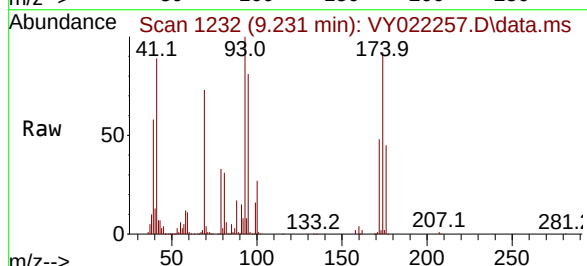
Tgt Ion: 93 Resp: 170712

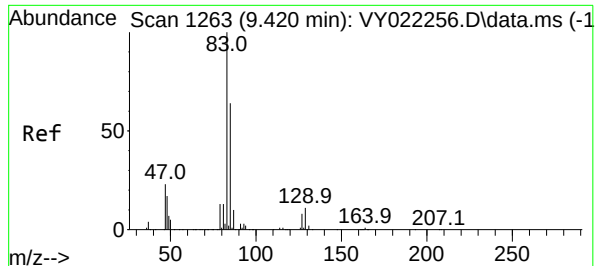
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

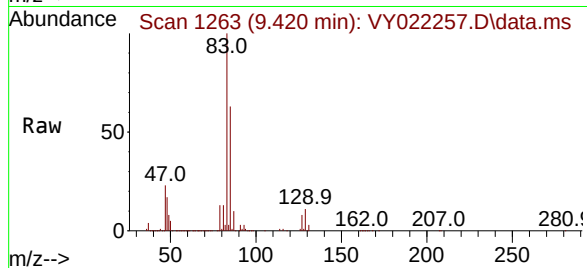
174 92.9 74.3 111.5





#47
Bromodichloromethane
Concen: 102.514 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

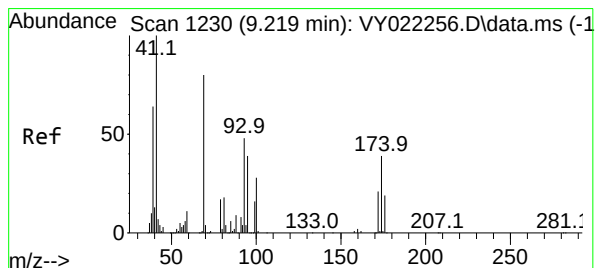
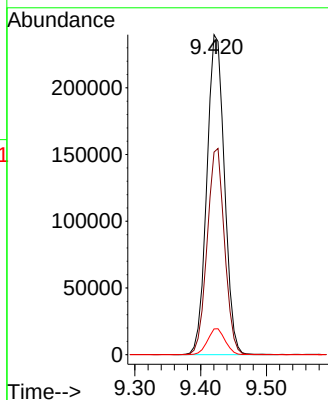
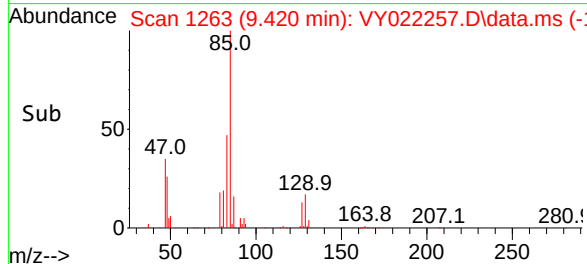
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 446829
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.0 6.6 10.0

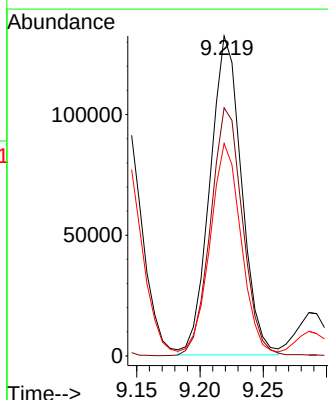
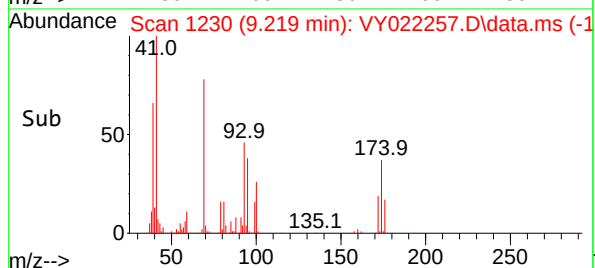
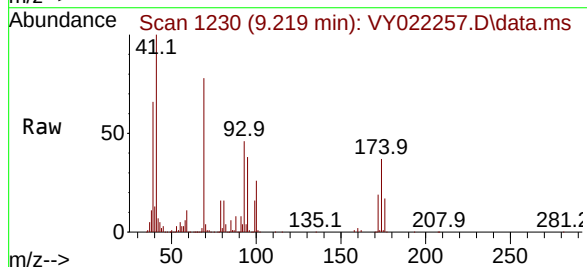
Manual Integrations
APPROVED

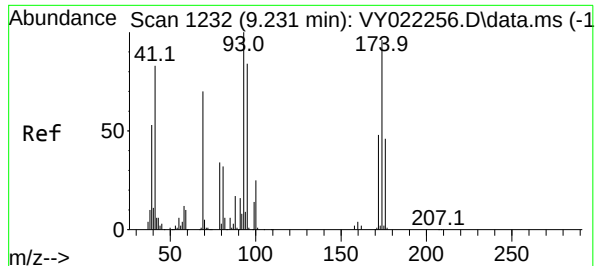
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 107.308 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 41 Resp: 229512
Ion Ratio Lower Upper
41 100
69 78.7 63.5 95.3
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1990.455 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 37780

Ion Ratio Lower Upper

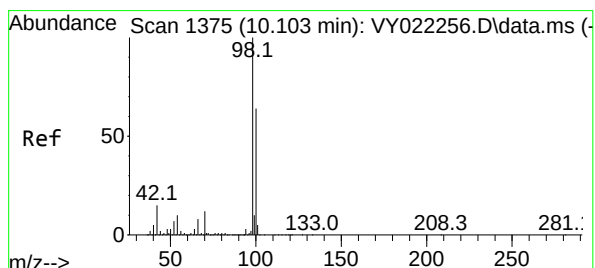
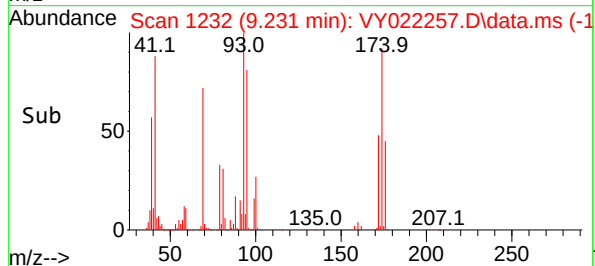
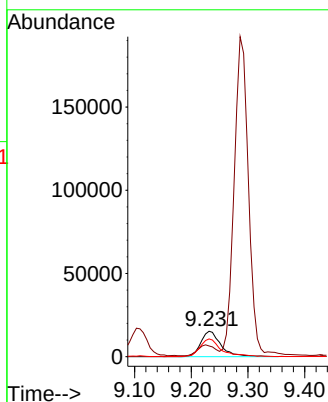
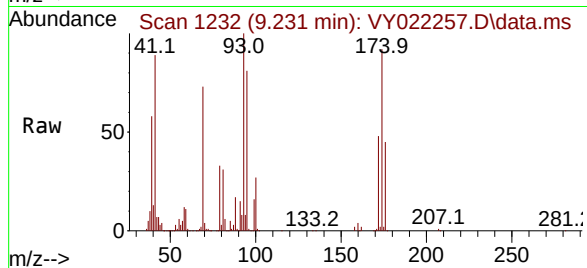
88 100

43 36.0 28.5 42.7

58 75.0 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#50

Toluene-d8

Concen: 99.289 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022257.D

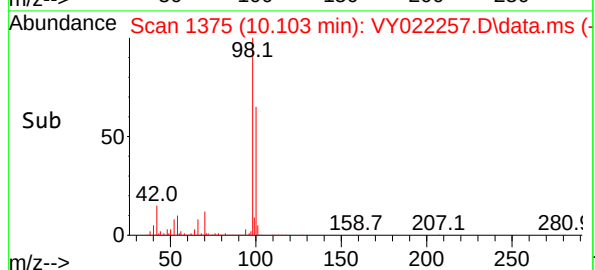
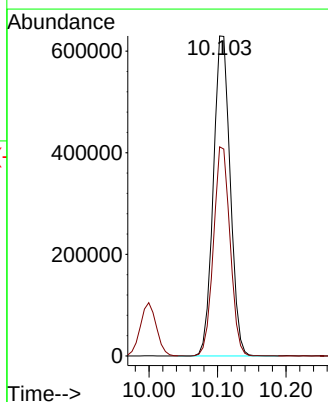
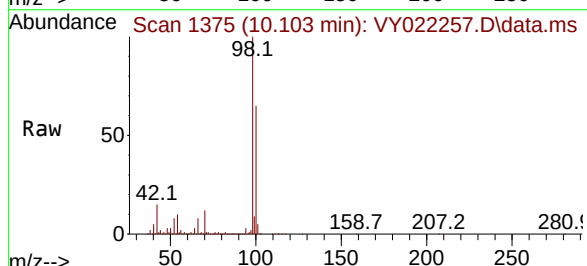
Acq: 15 May 2025 11:24

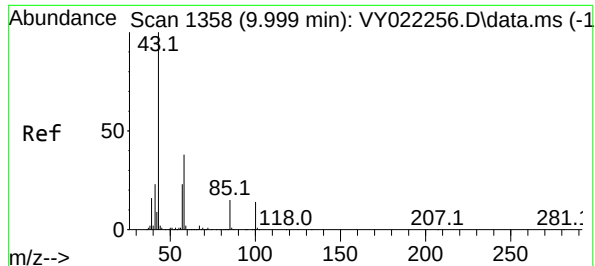
Tgt Ion: 98 Resp: 1076035

Ion Ratio Lower Upper

98 100

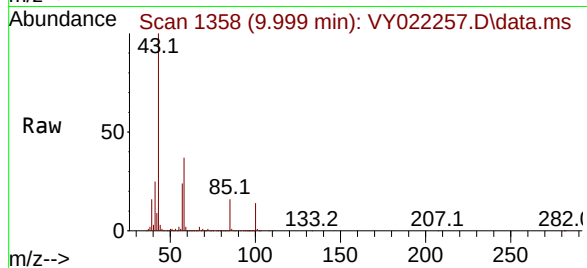
100 64.2 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 543.068 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

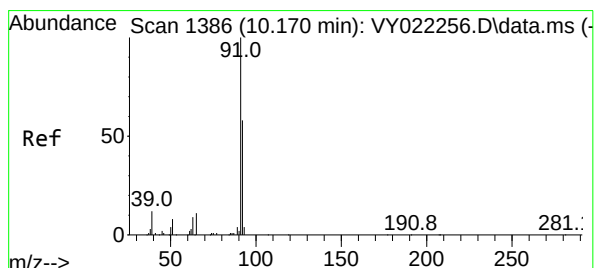
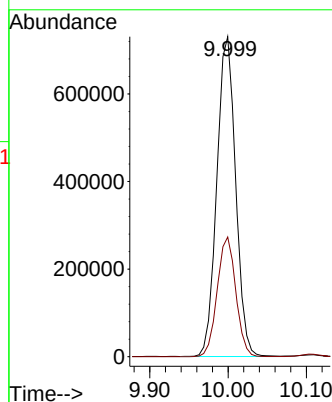
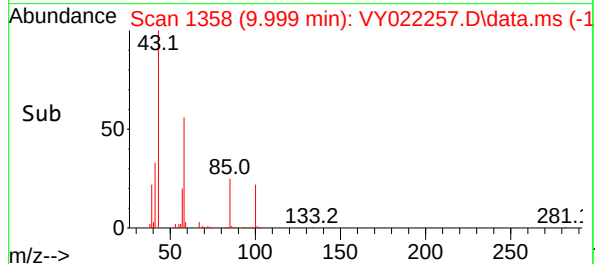
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 121868
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2

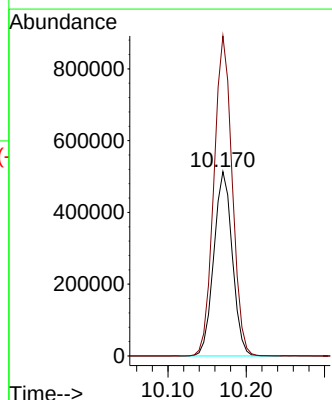
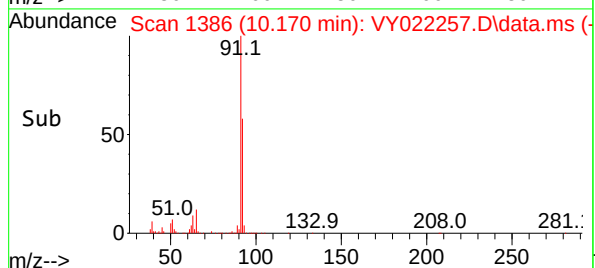
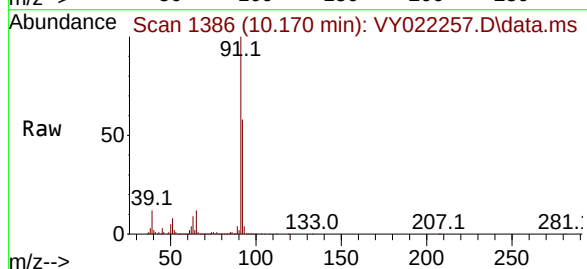
Manual Integrations
APPROVED

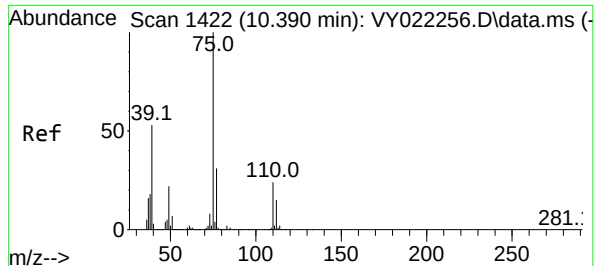
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 102.593 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

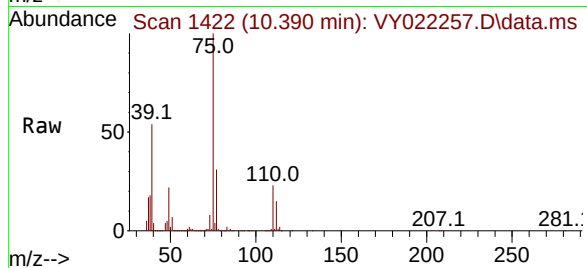
Tgt Ion: 92 Resp: 839400
Ion Ratio Lower Upper
92 100
91 172.5 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 103.832 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

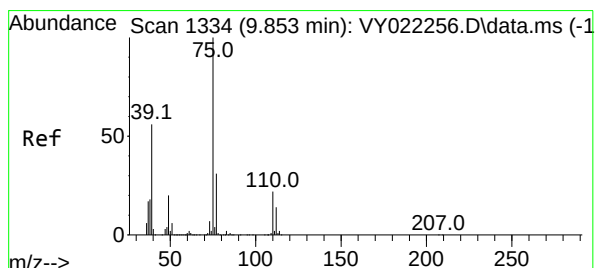
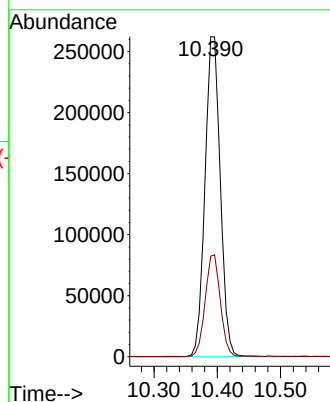
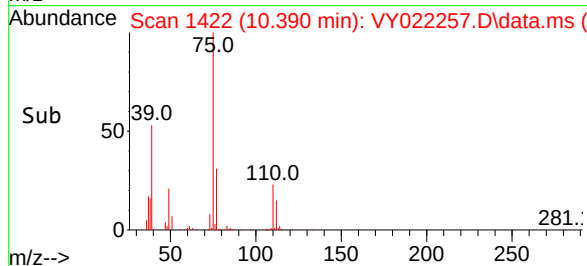
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 441672
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

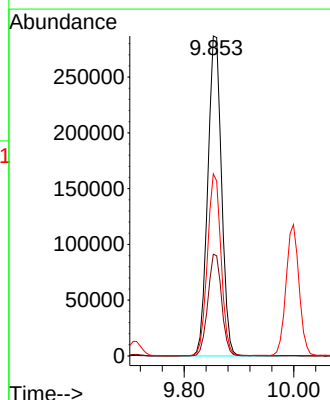
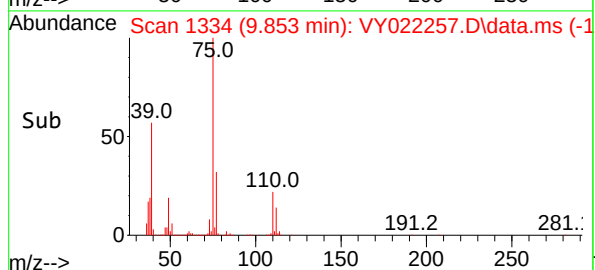
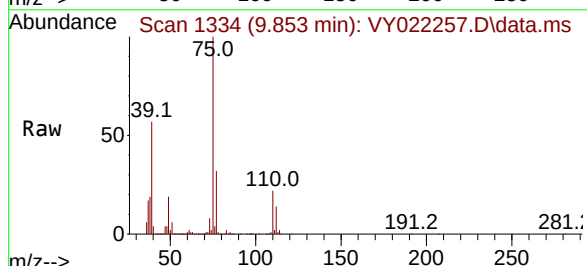
Manual Integrations
APPROVED

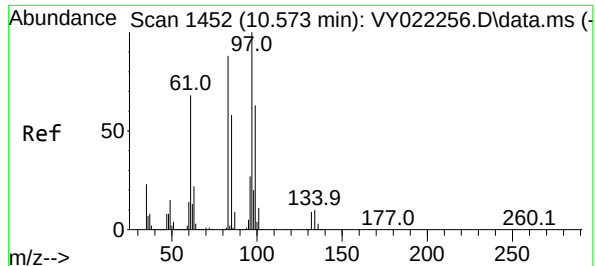
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 102.190 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 75 Resp: 498023
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 56.8 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 102.005 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 219460

Ion Ratio Lower Upper

97 100

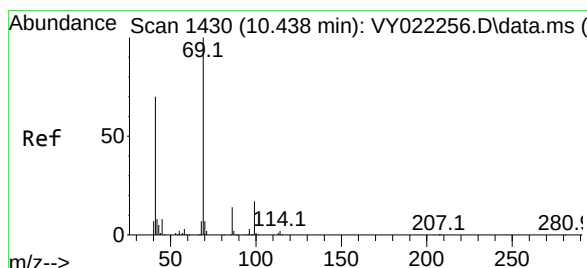
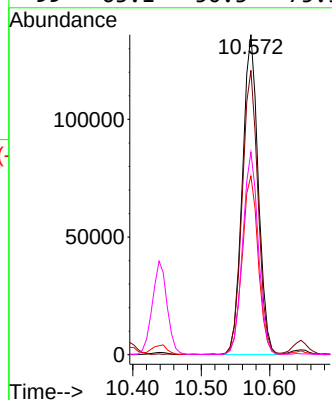
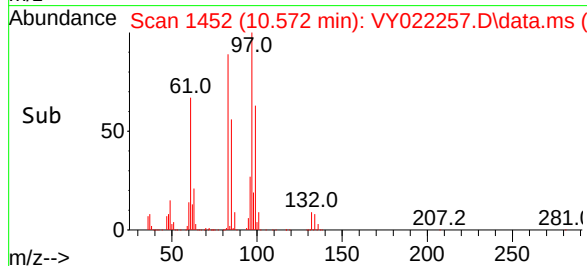
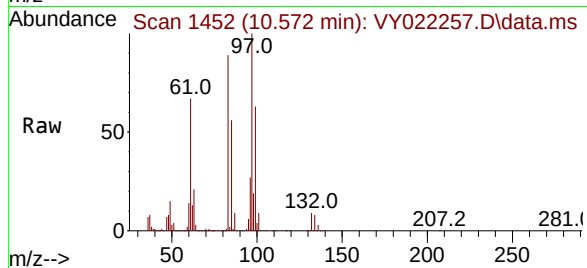
83 88.8 70.3 105.5

85 55.8 46.2 69.4

99 63.1 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#56

Ethyl methacrylate

Concen: 105.335 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

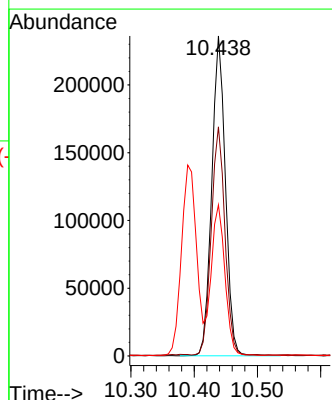
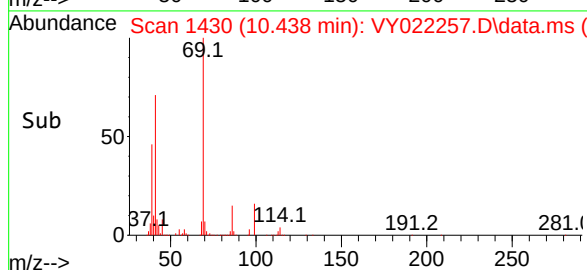
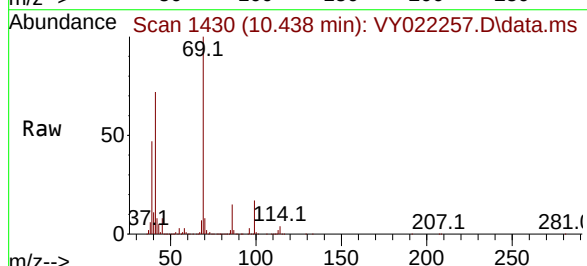
Tgt Ion: 69 Resp: 353013

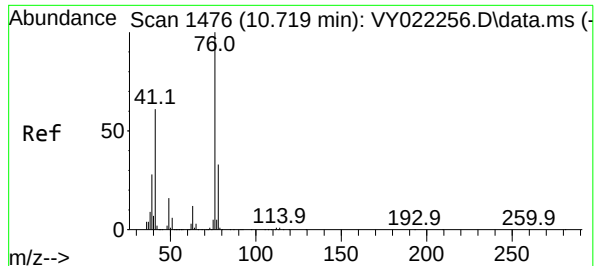
Ion Ratio Lower Upper

69 100

41 71.7 56.5 84.7

39 47.7 37.1 55.7





#57

1,3-Dichloropropane

Concen: 102.420 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 391514

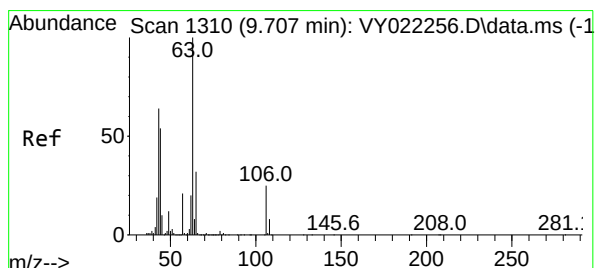
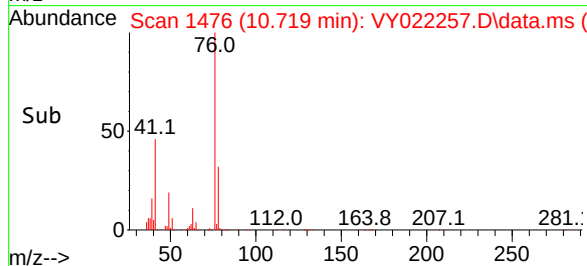
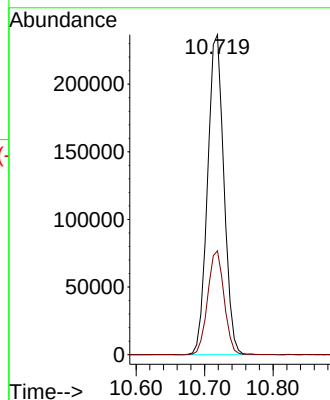
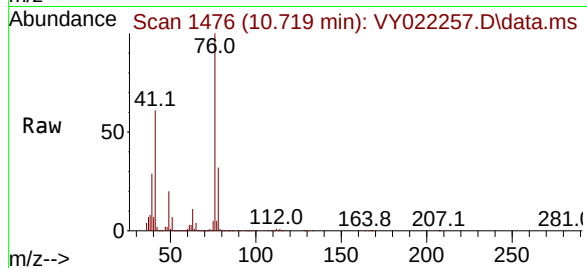
Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#58

2-Chloroethyl Vinyl ether

Concen: 580.295 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022257.D

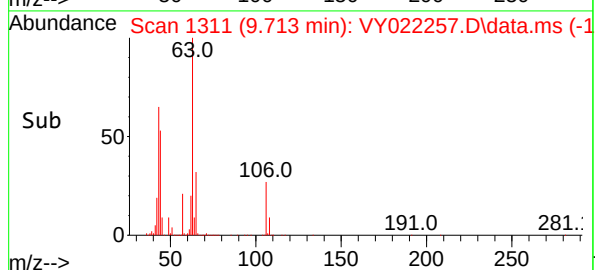
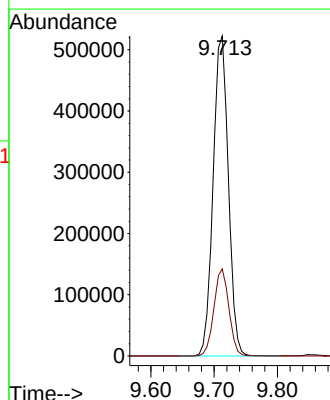
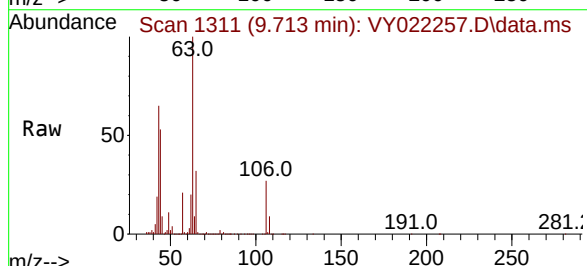
Acq: 15 May 2025 11:24

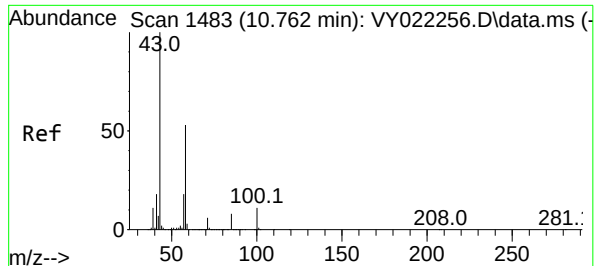
Tgt Ion: 63 Resp: 872907

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4





#59

2-Hexanone

Concen: 537.872 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY022257.D

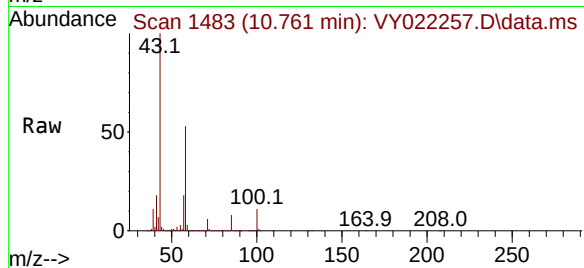
Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100



Tgt Ion: 43 Resp: 809288

Ion Ratio Lower Upper

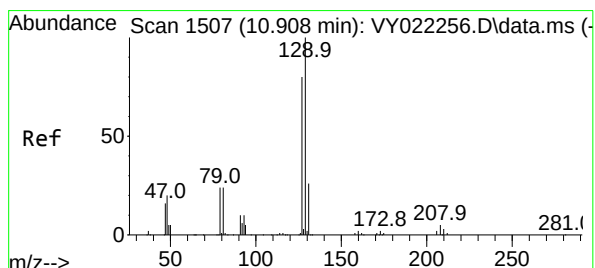
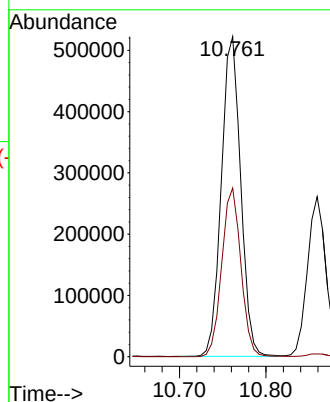
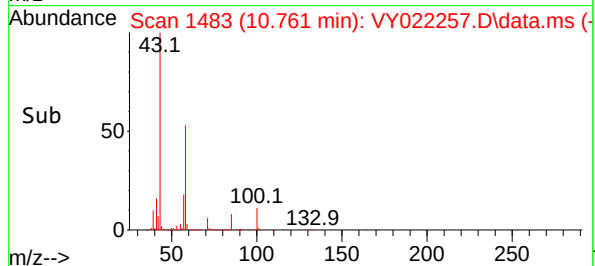
43 100

58 52.2 26.1 78.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60

Dibromochloromethane

Concen: 104.616 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VY022257.D

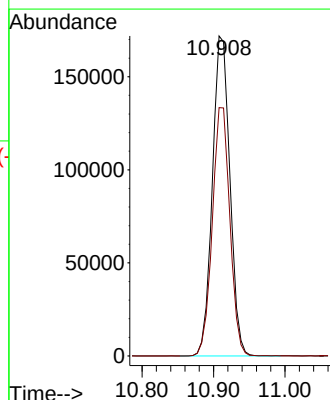
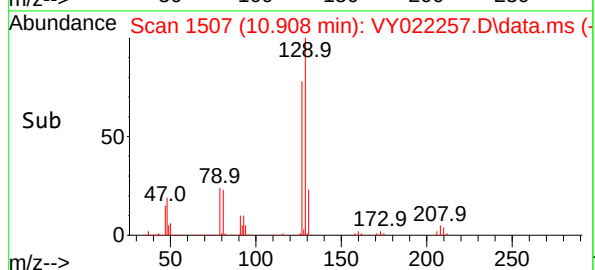
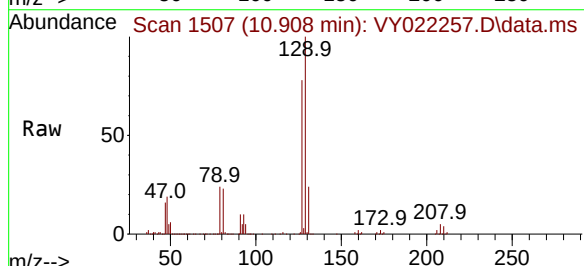
Acq: 15 May 2025 11:24

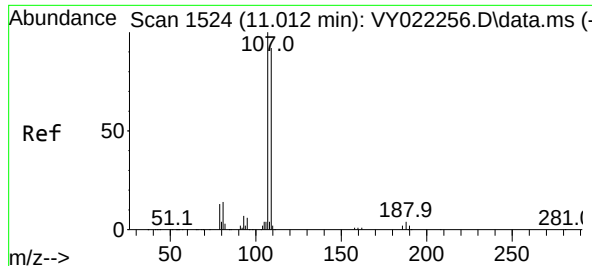
Tgt Ion:129 Resp: 292143

Ion Ratio Lower Upper

129 100

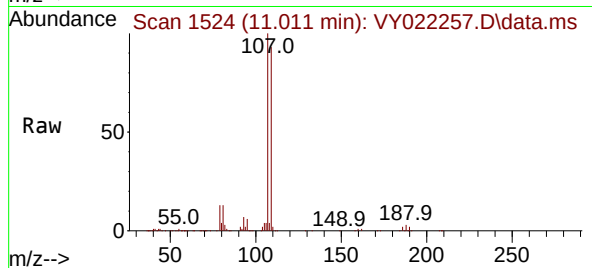
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 103.362 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

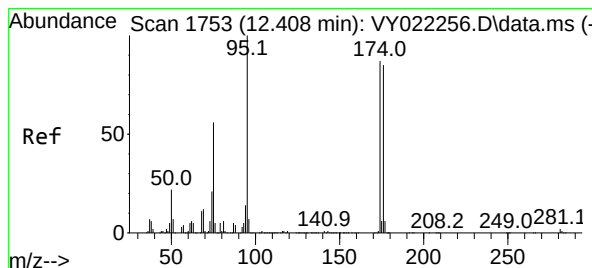
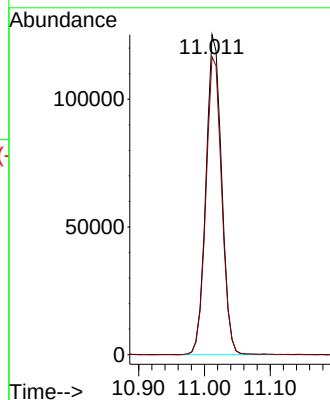
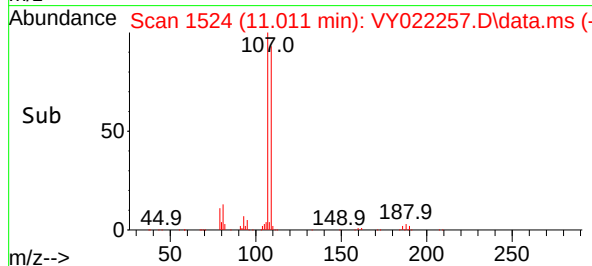
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 207260
Ion Ratio Lower Upper
107 100
109 94.0 74.6 111.8

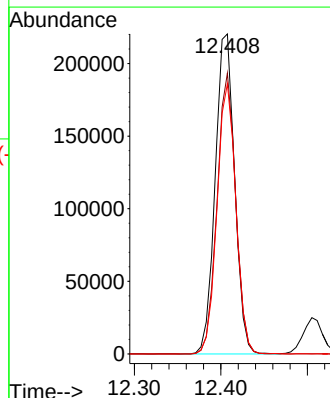
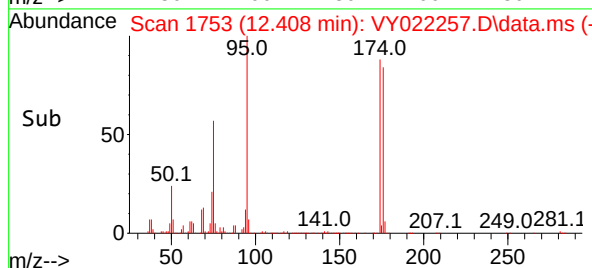
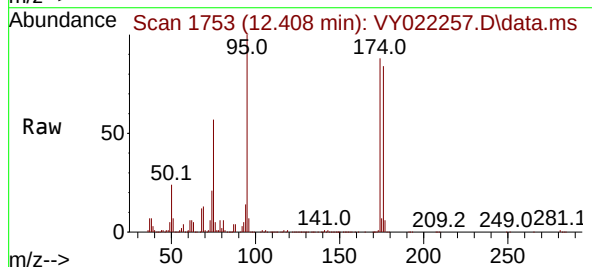
Manual Integrations
APPROVED

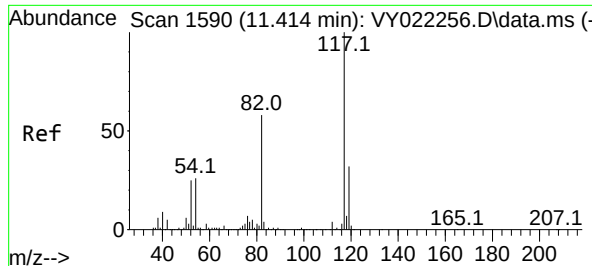
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 99.968 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

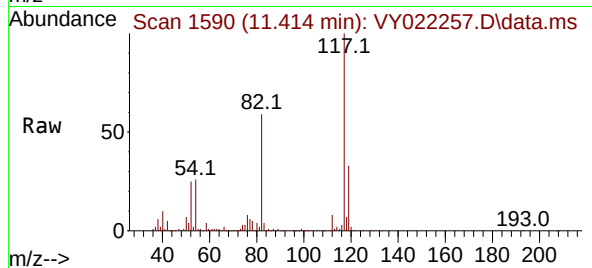
Tgt Ion: 95 Resp: 343397
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.8
176 81.7 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

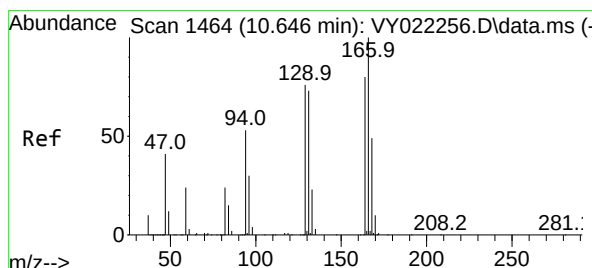
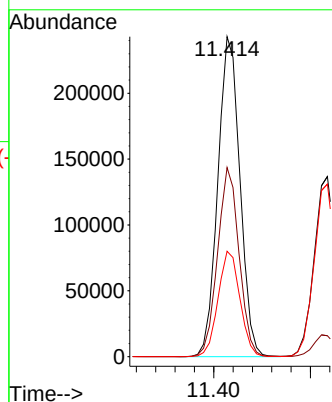
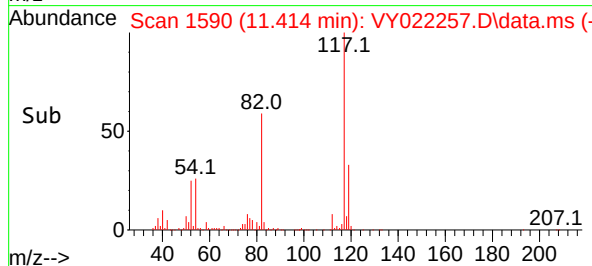
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



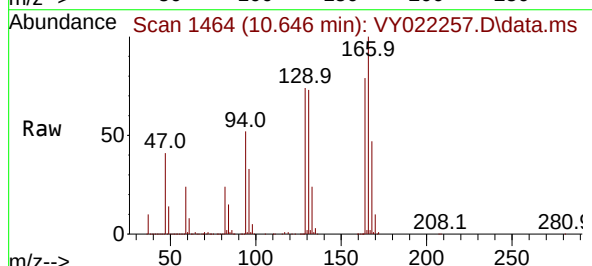
Tgt Ion:117 Resp: 385348
Ion Ratio Lower Upper
117 100
82 59.1 46.6 70.0
119 33.0 25.8 38.6

Manual Integrations
APPROVED

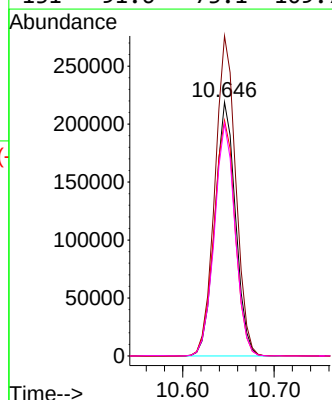
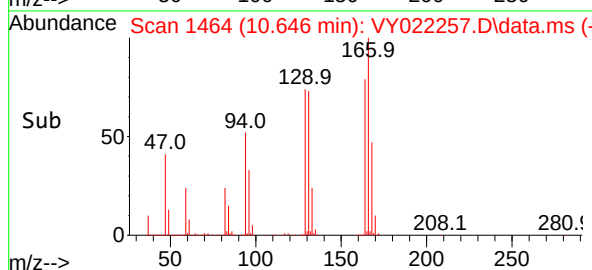
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

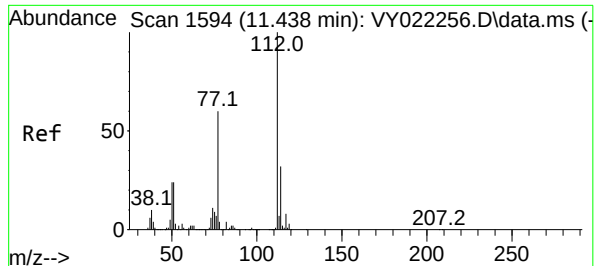


#64
Tetrachloroethene
Concen: 96.489 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



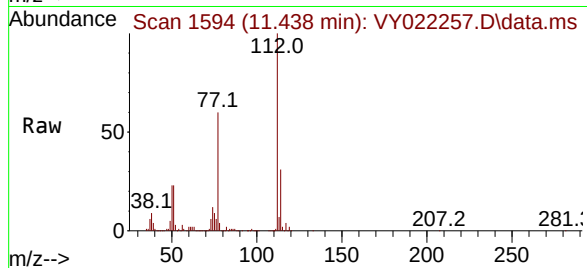
Tgt Ion:164 Resp: 343677
Ion Ratio Lower Upper
164 100
166 126.1 100.4 150.6
129 92.9 76.4 114.6
131 91.6 73.1 109.7





#65
Chlorobenzene
Concen: 101.346 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

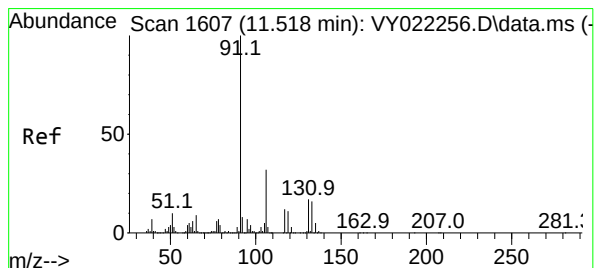
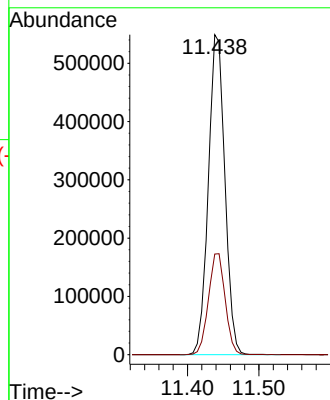
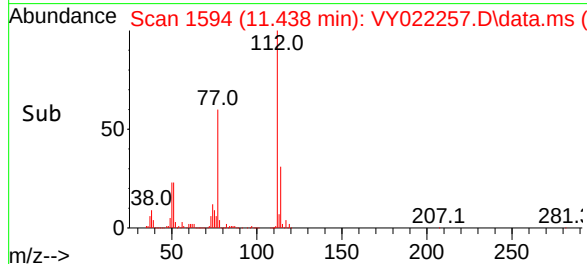
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 881080
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

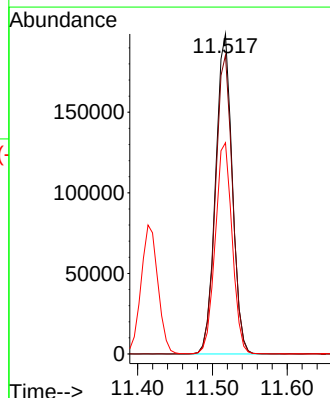
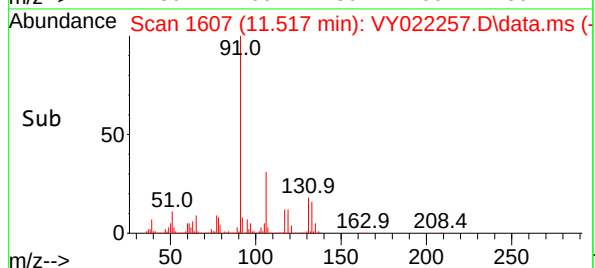
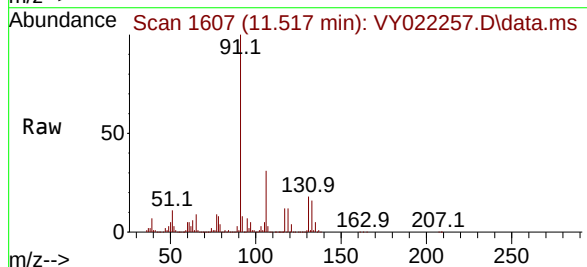
Manual Integrations
APPROVED

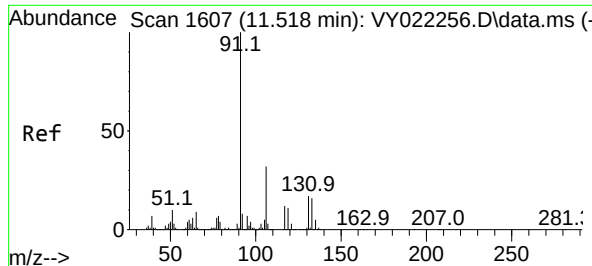
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 103.007 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion:131 Resp: 307866
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 67.2 33.1 99.2





#67

Ethyl Benzene

Concen: 102.836 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 167435

Ion Ratio Lower Upper

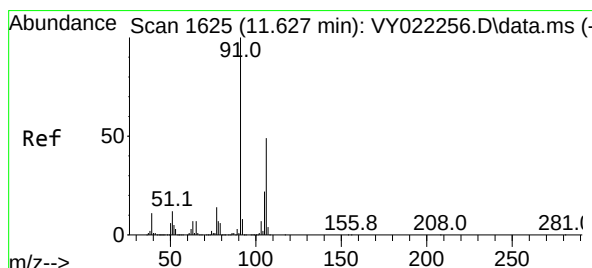
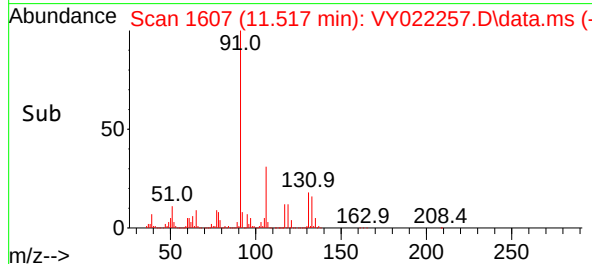
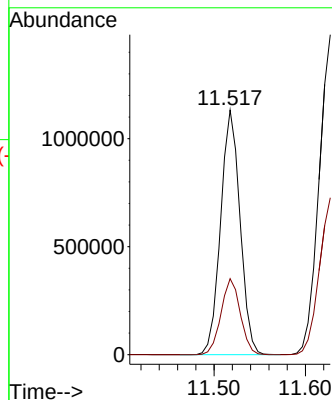
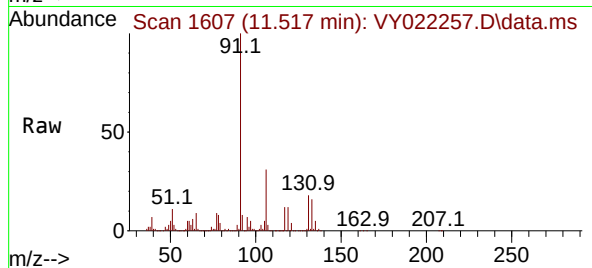
91 100

106 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#68

m/p-Xylenes

Concen: 207.213 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022257.D

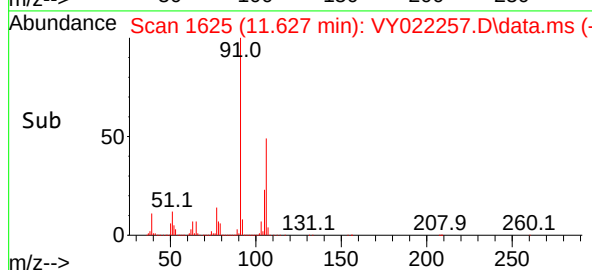
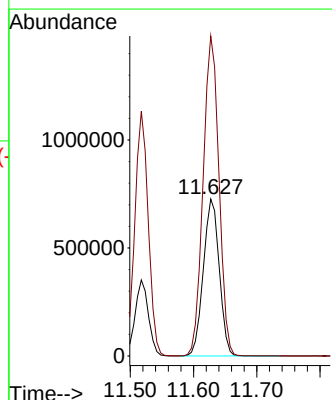
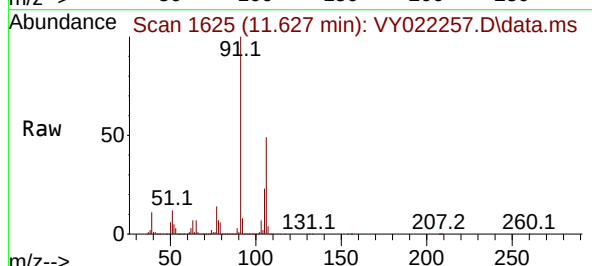
Acq: 15 May 2025 11:24

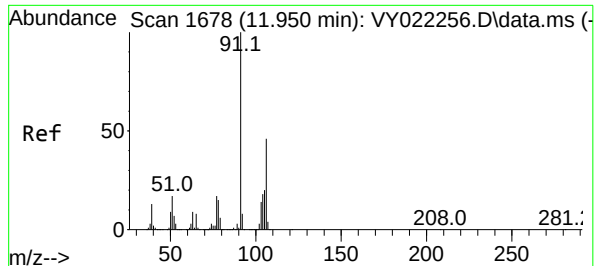
Tgt Ion:106 Resp: 1271299

Ion Ratio Lower Upper

106 100

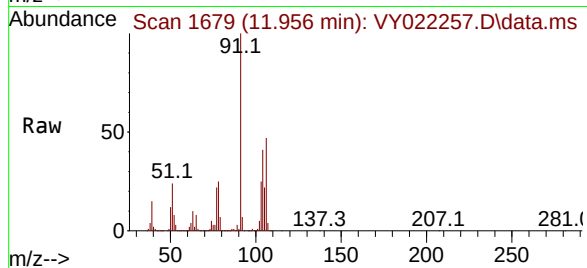
91 203.2 163.0 244.4





#69
o-Xylene
Concen: 103.777 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

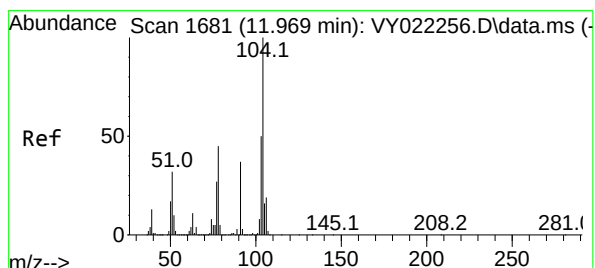
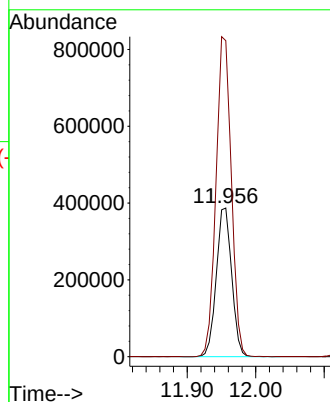
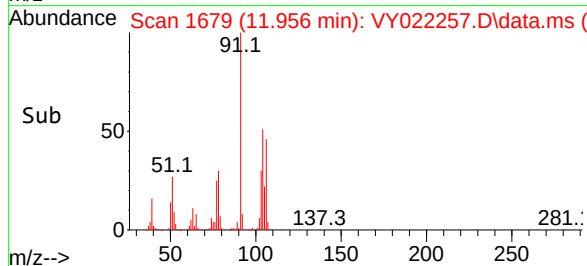
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



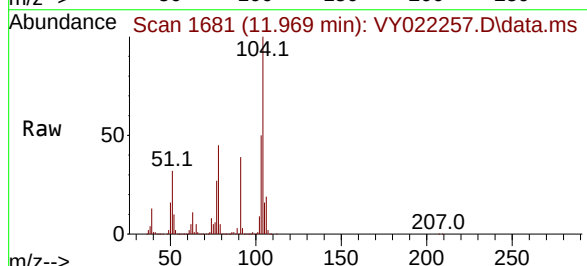
Tgt Ion:106 Resp: 602390
Ion Ratio Lower Upper
106 100
91 214.7 108.3 324.8

Manual Integrations
APPROVED

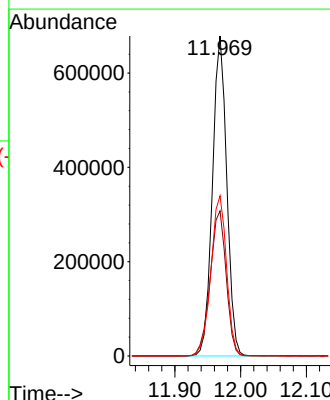
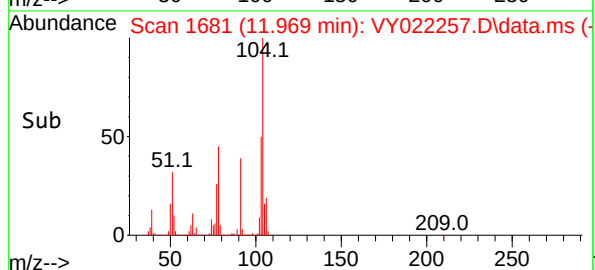
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

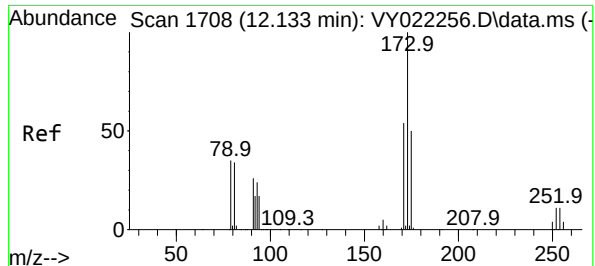


#70
Styrene
Concen: 105.038 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



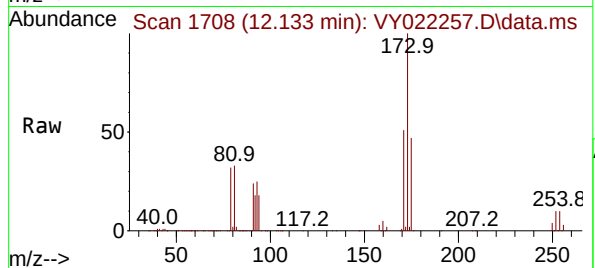
Tgt Ion:104 Resp: 1028498
Ion Ratio Lower Upper
104 100
78 50.6 40.9 61.3
103 54.7 43.7 65.5





#71
Bromoform
Concen: 104.561 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

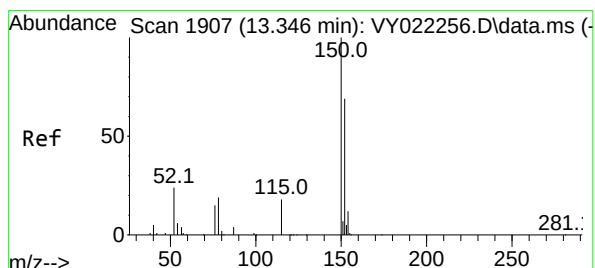
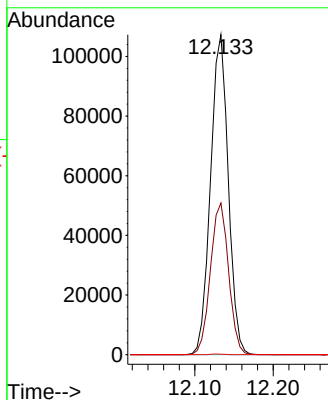
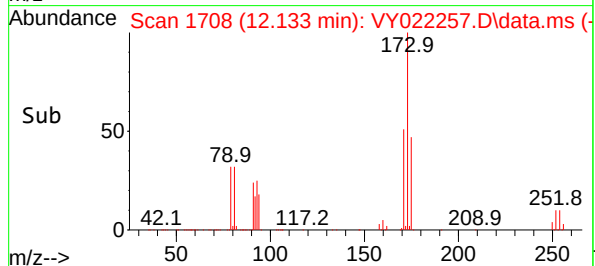
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:173 Resp: 168679
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.1 0.0 0.0

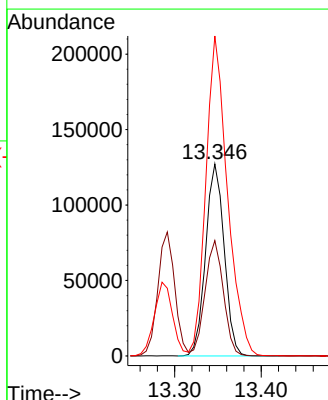
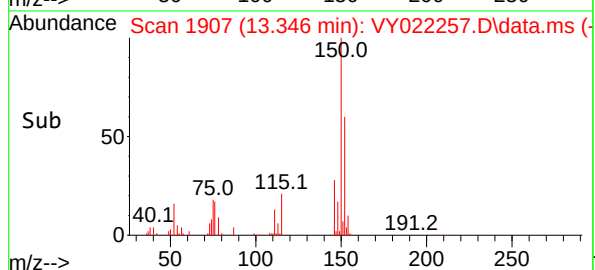
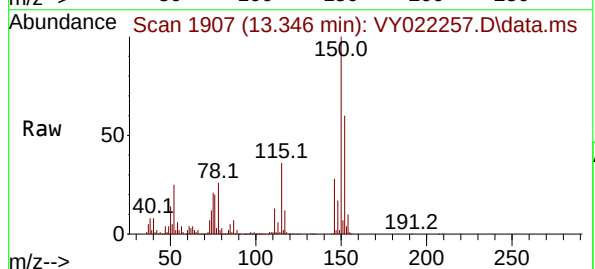
Manual Integrations
APPROVED

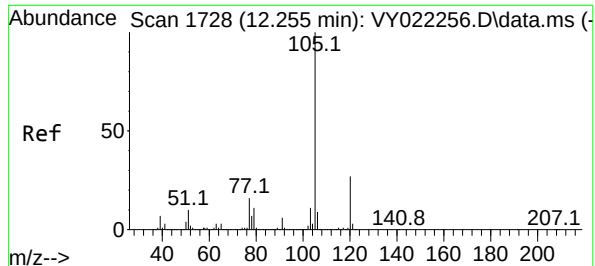
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

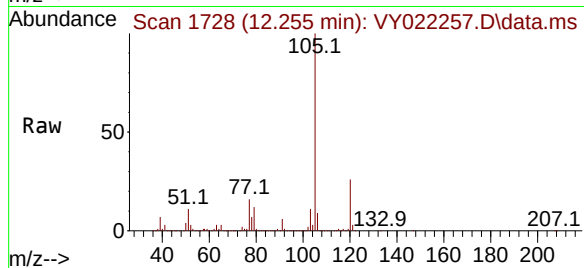
Tgt Ion:152 Resp: 189780
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.2
150 193.1 0.0 353.8





#73
Isopropylbenzene
Concen: 97.241 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

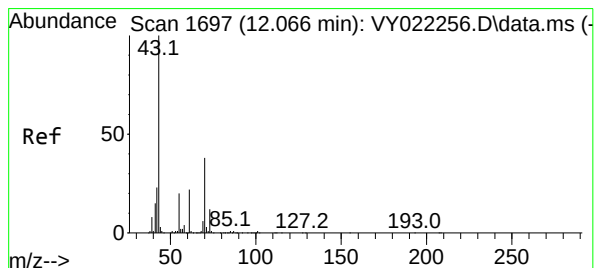
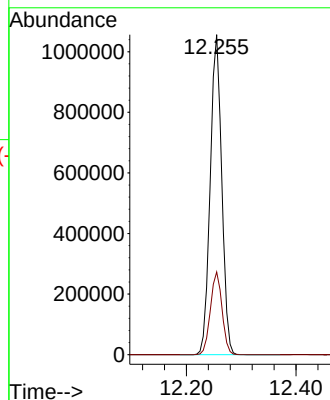
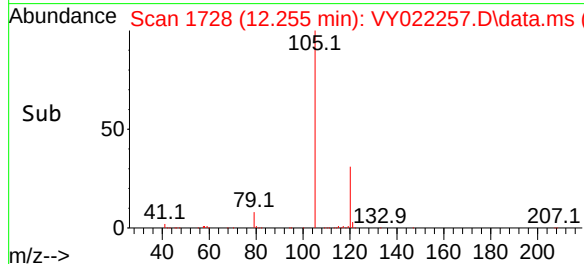
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 152885
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

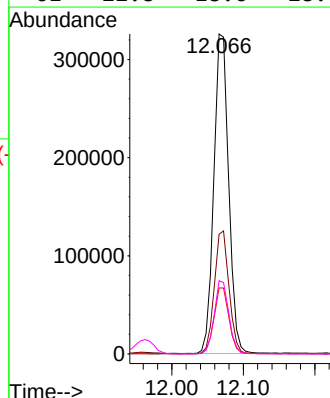
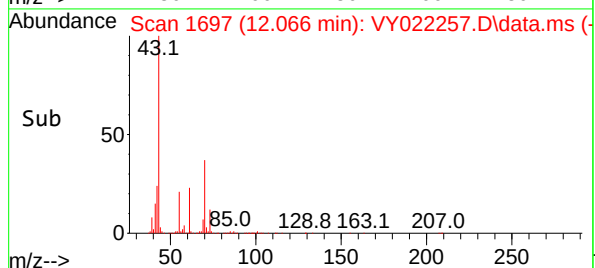
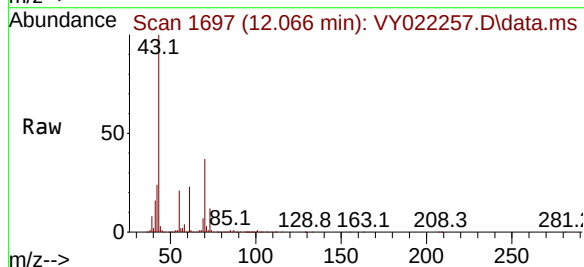
Manual Integrations
APPROVED

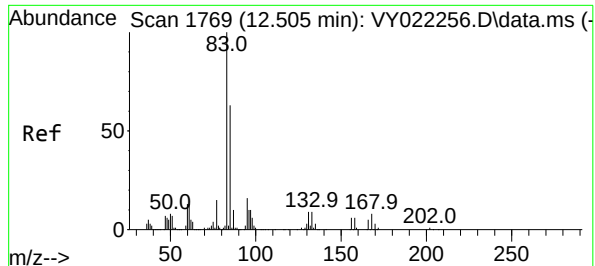
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#74
N-ethyl acetate
Concen: 104.235 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

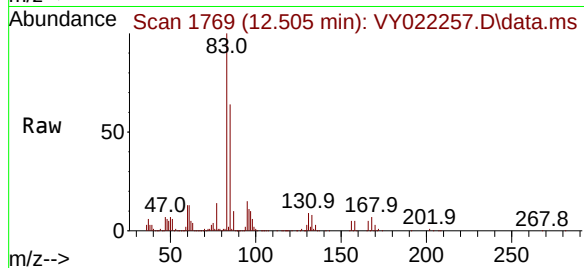
Tgt Ion: 43 Resp: 468707
Ion Ratio Lower Upper
43 100
70 38.2 31.4 47.0
55 20.8 17.0 25.6
61 22.8 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 101.255 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

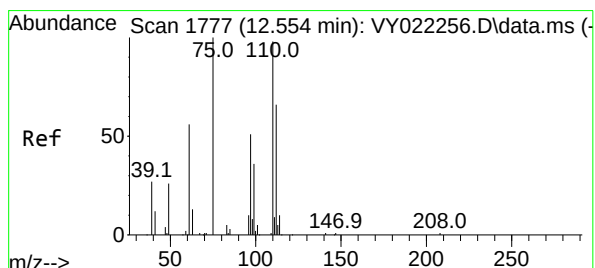
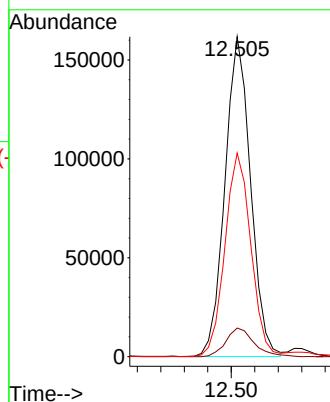
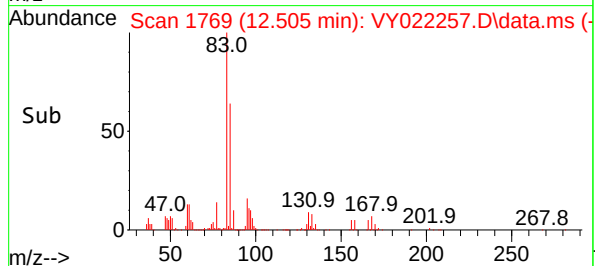
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 244830
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.4 32.0 96.0

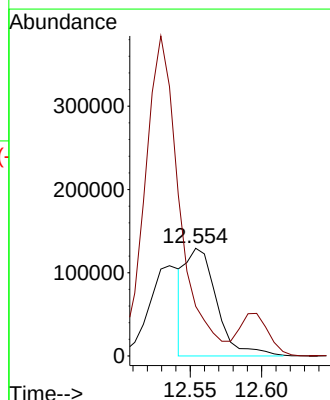
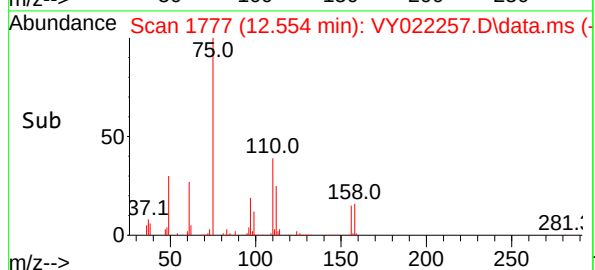
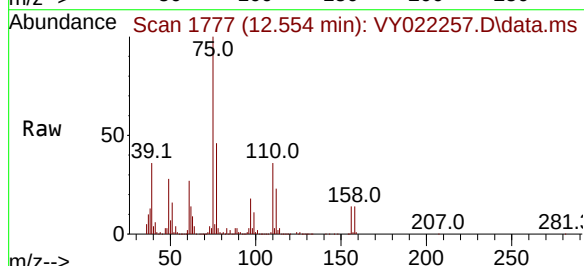
Manual Integrations
APPROVED

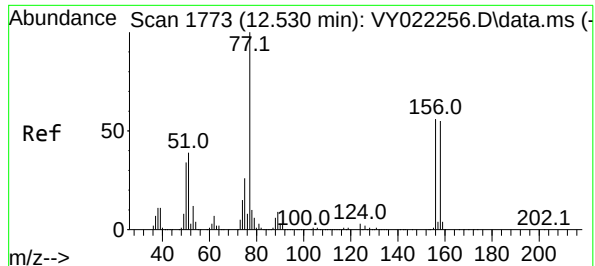
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76
1,2,3-Trichloropropane
Concen: 59.078 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 75 Resp: 197600
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





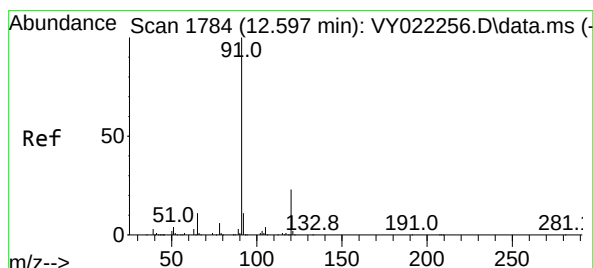
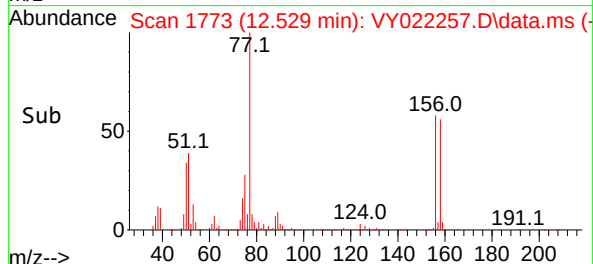
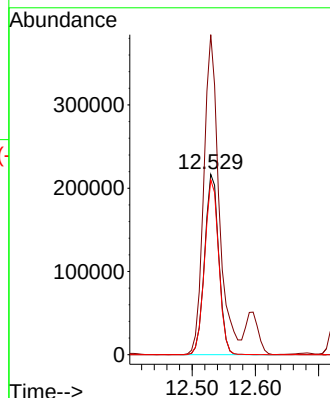
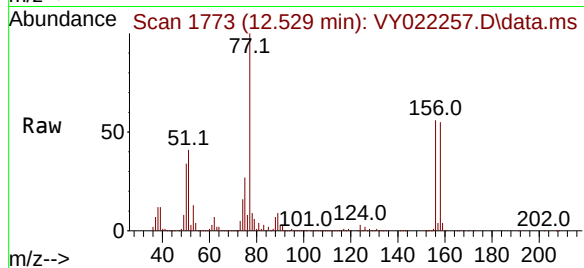
#77
Bromobenzene
Concen: 100.456 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 156 Resp: 337329
Ion Ratio Lower Upper
156 100
77 190.3 94.5 283.6
158 96.8 48.4 145.3

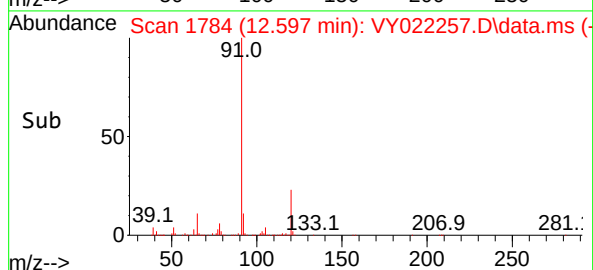
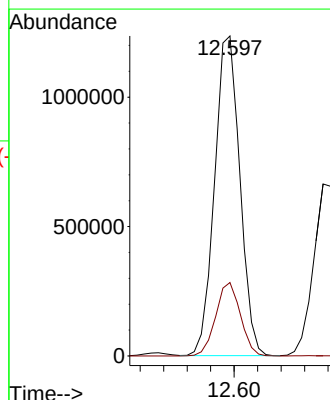
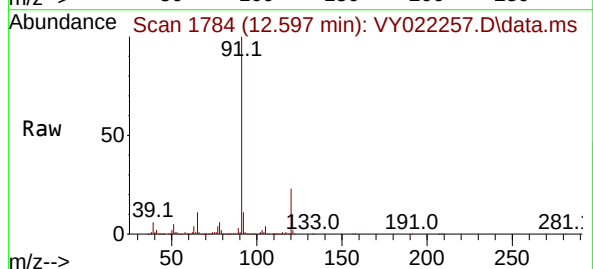
Manual Integrations
APPROVED

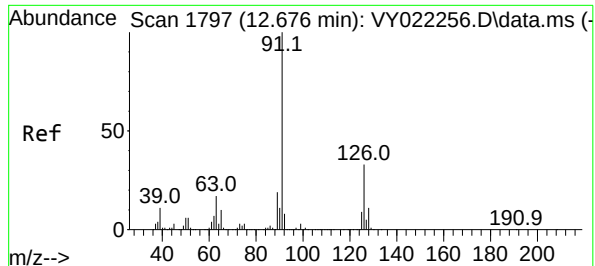
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 97.365 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 91 Resp: 1846449
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 98.488 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 102640

Ion Ratio Lower Upper

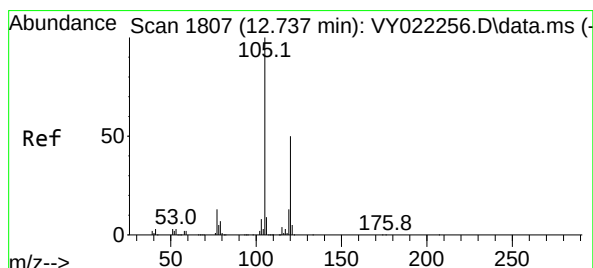
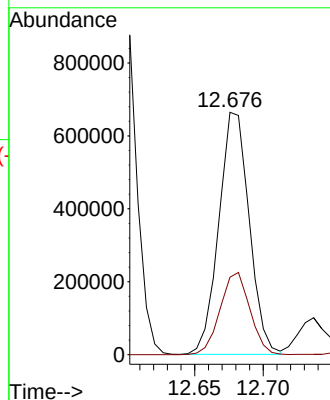
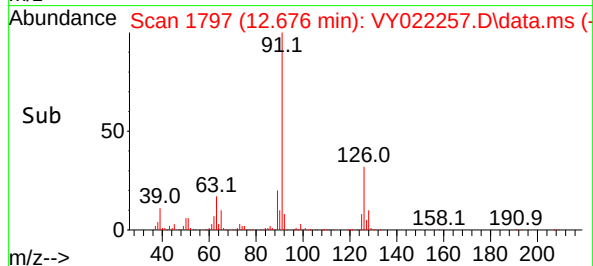
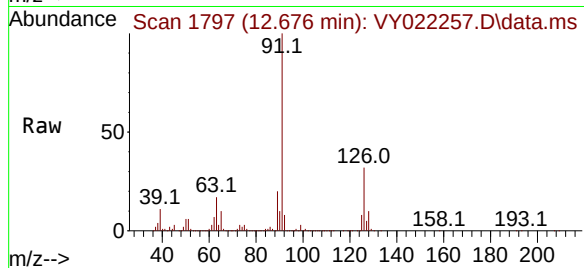
91 100

126 33.3 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 97.216 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022257.D

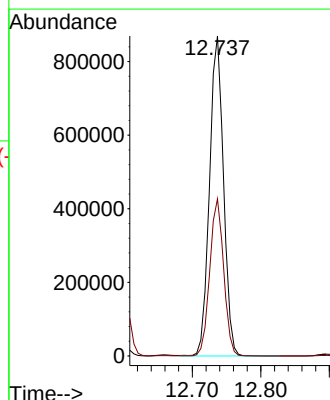
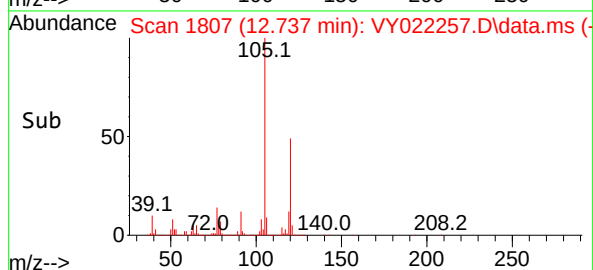
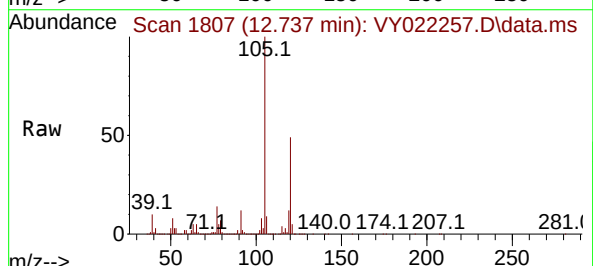
Acq: 15 May 2025 11:24

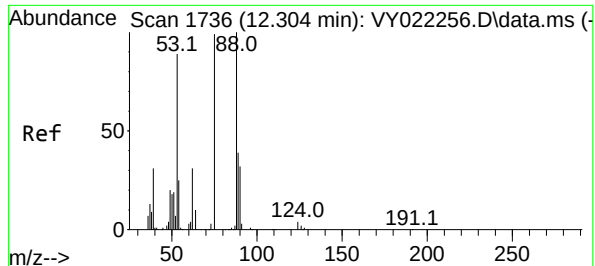
Tgt Ion:105 Resp: 1233838

Ion Ratio Lower Upper

105 100

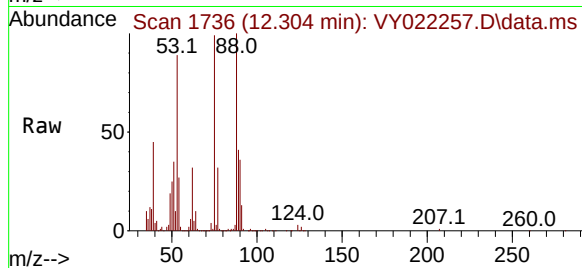
120 48.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 98.251 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

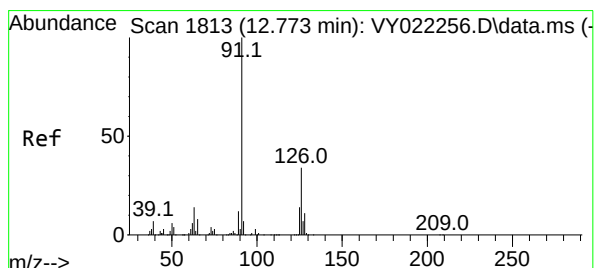
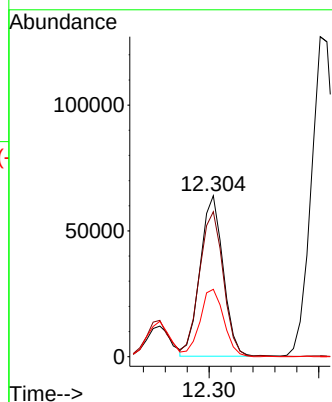
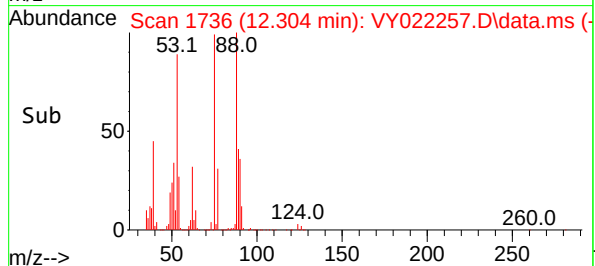
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 93252
Ion Ratio Lower Upper
75 100
53 92.8 75.8 113.8
89 43.5 36.2 54.2

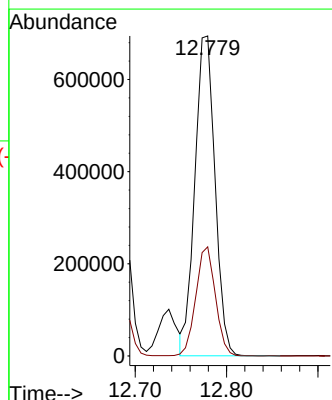
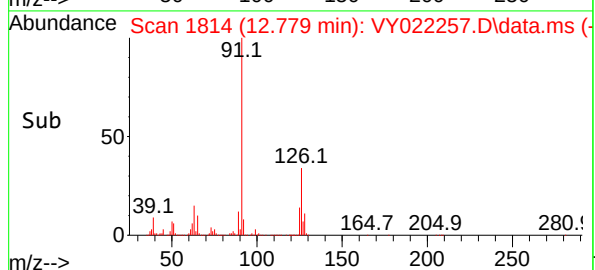
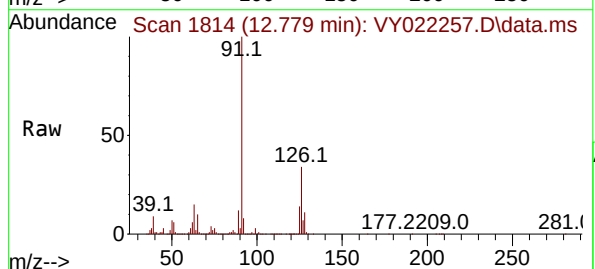
Manual Integrations
APPROVED

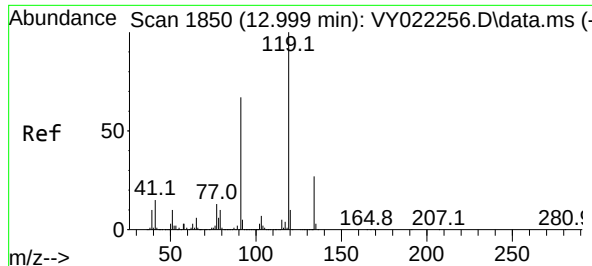
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 99.052 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

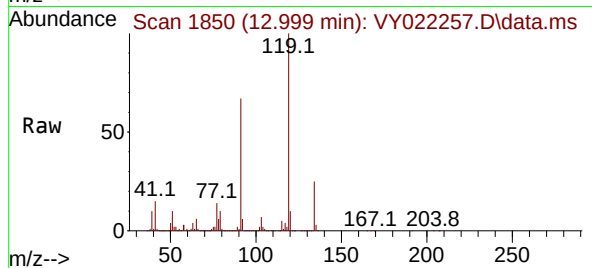
Tgt Ion: 91 Resp: 1061772
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4





#83
tert-Butylbenzene
Concen: 96.859 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

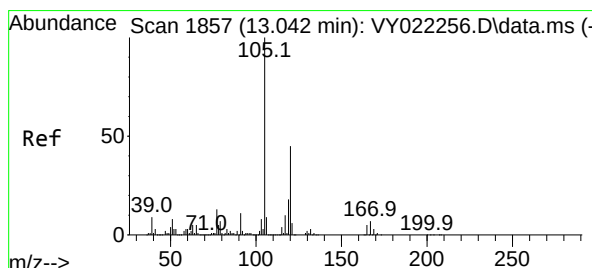
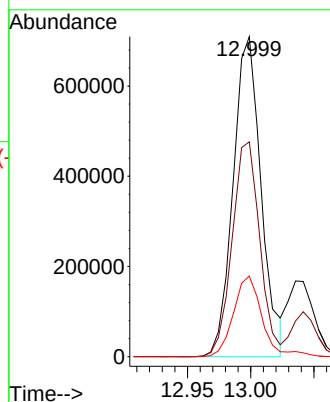
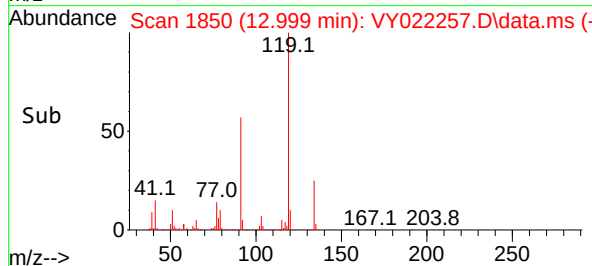
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



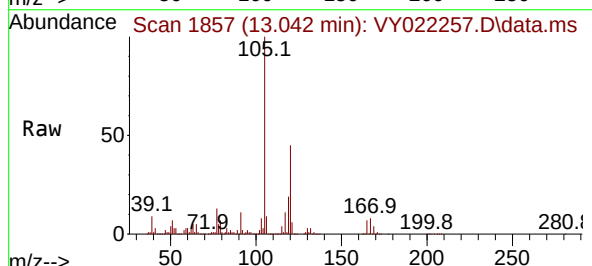
Tgt Ion:119 Resp: 109261
Ion Ratio Lower Upper
119 100
91 66.3 32.8 98.3
134 25.8 12.9 38.6

Manual Integrations
APPROVED

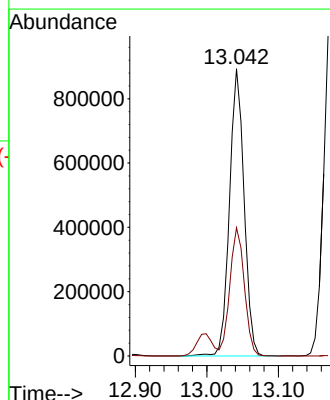
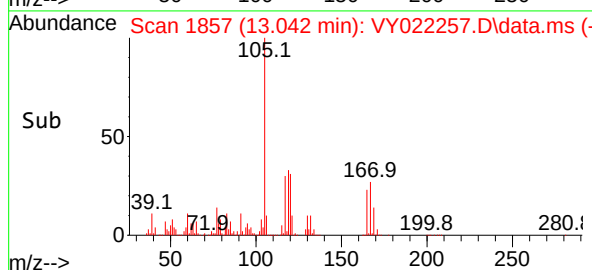
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

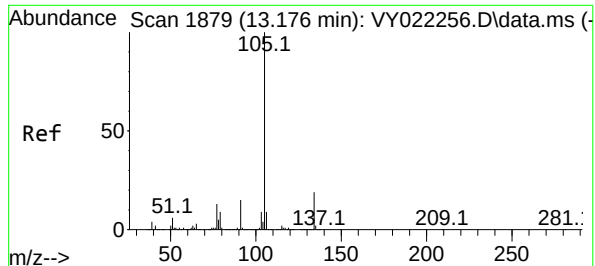


#84
1,2,4-Trimethylbenzene
Concen: 100.297 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion:105 Resp: 1263612
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 97.623 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:105 Resp: 1634720

Ion Ratio Lower Upper

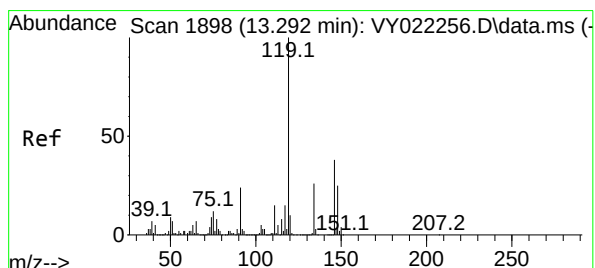
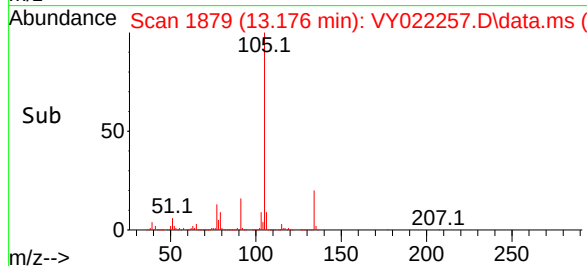
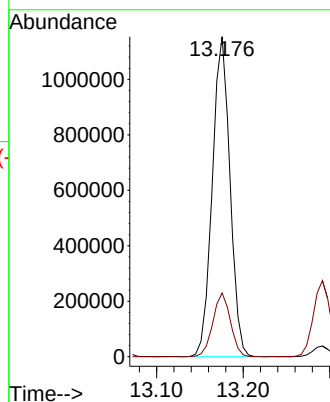
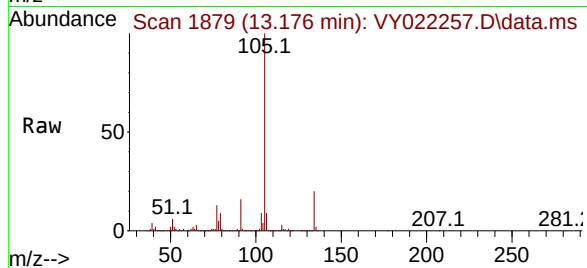
105 100

134 19.8 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#86

p-Isopropyltoluene

Concen: 101.161 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

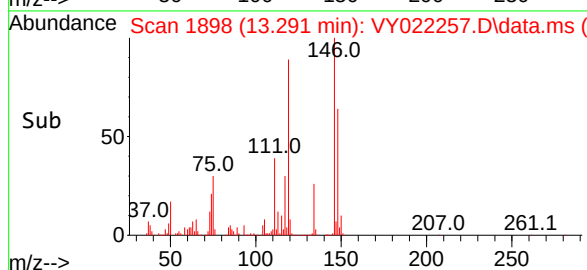
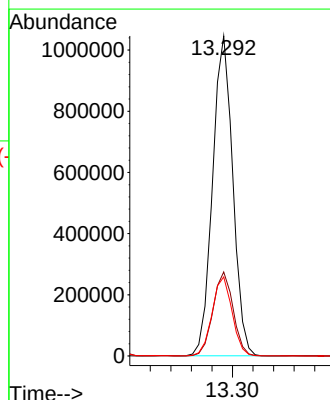
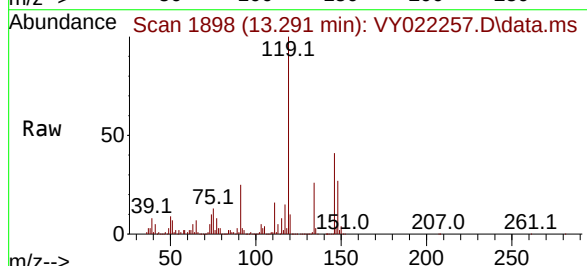
Tgt Ion:119 Resp: 1424684

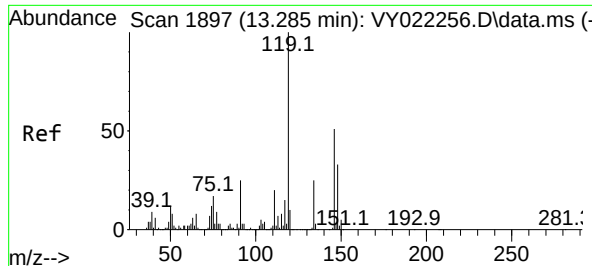
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 101.803 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 69786

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

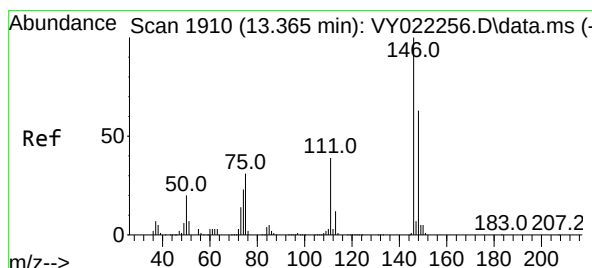
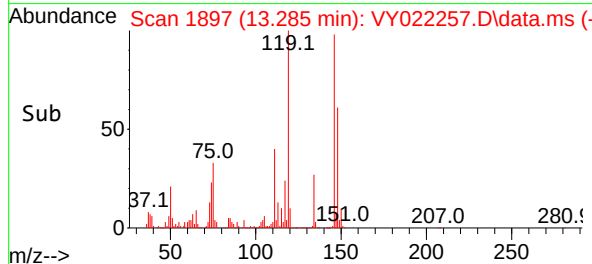
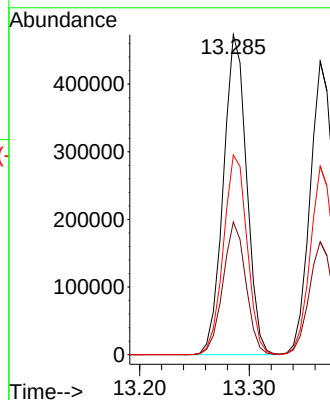
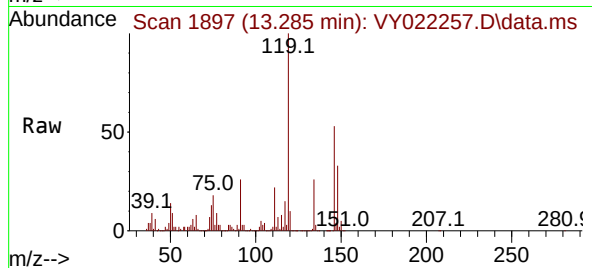
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 99.199 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

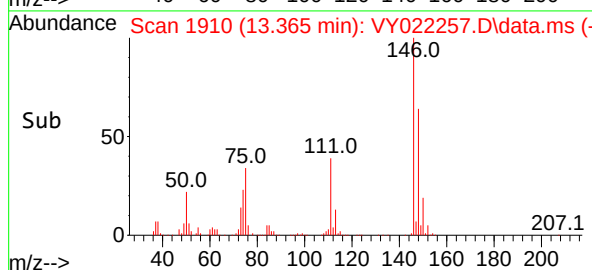
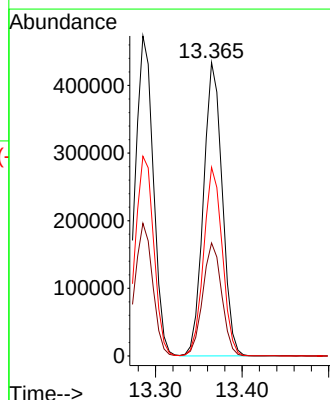
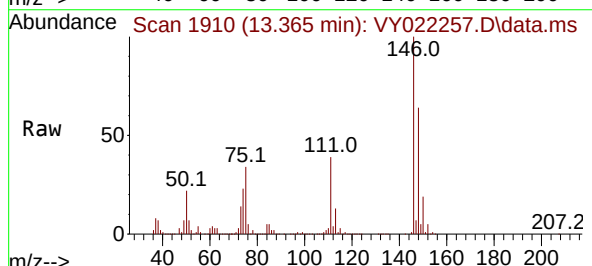
Tgt Ion:146 Resp: 654104

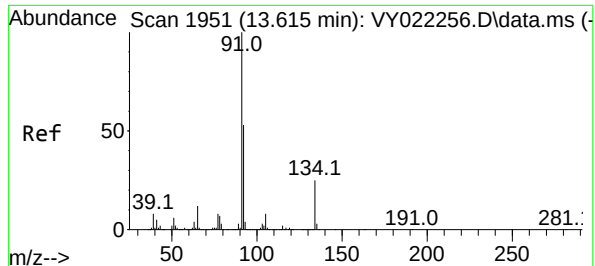
Ion Ratio Lower Upper

146 100

111 38.6 20.0 59.9

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 98.327 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 131006

Ion Ratio Lower Upper

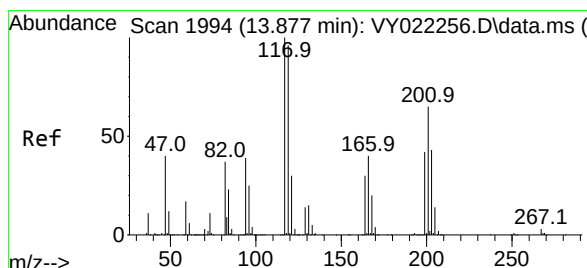
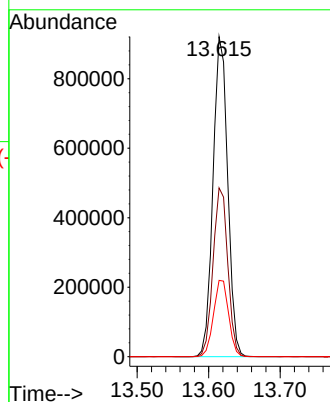
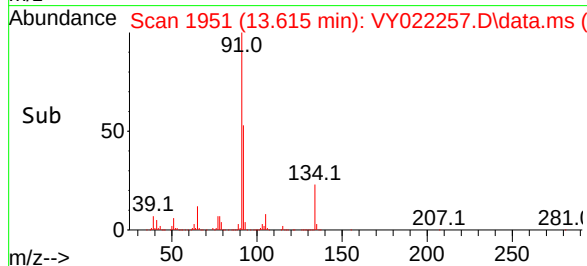
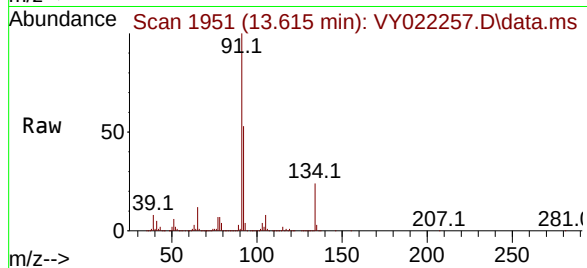
91 100

92 53.1 26.3 78.9

134 24.6 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#90

Hexachloroethane

Concen: 96.961 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022257.D

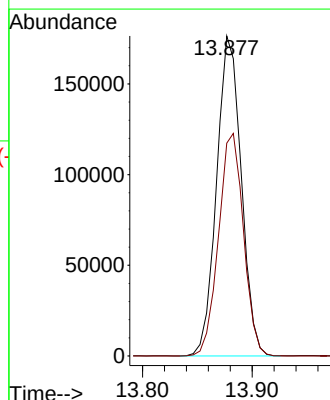
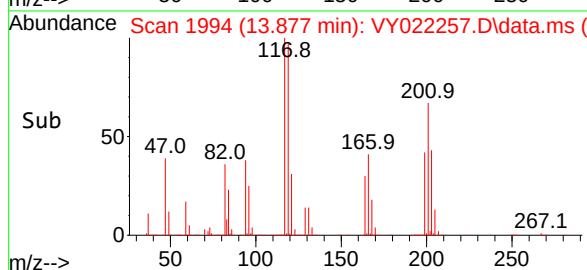
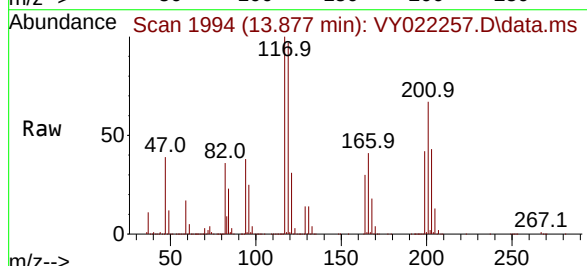
Acq: 15 May 2025 11:24

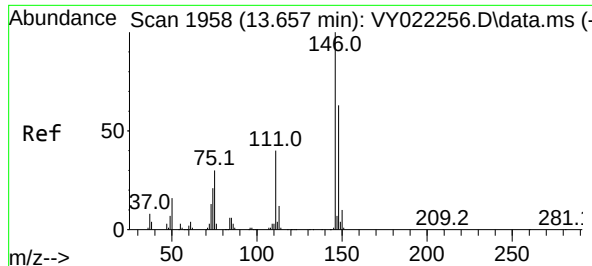
Tgt Ion:117 Resp: 275652

Ion Ratio Lower Upper

117 100

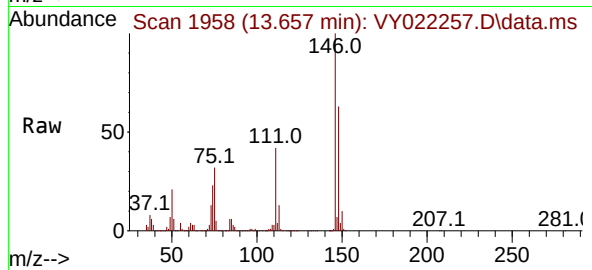
201 70.4 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 100.192 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

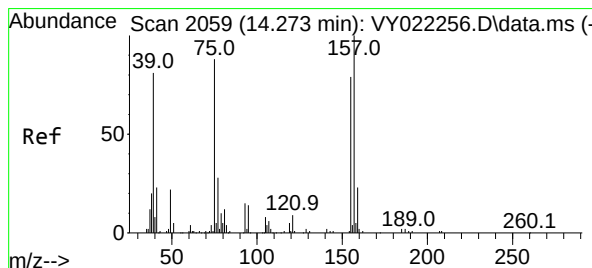
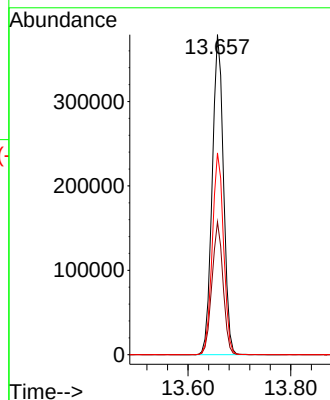
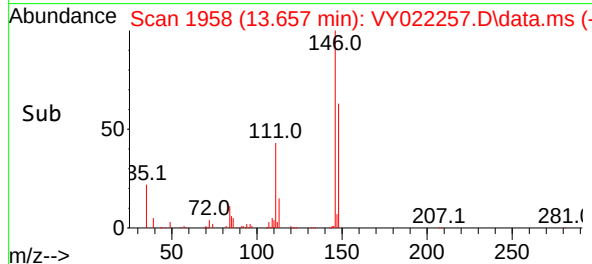
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 576915
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.5
148 63.2 32.0 96.0

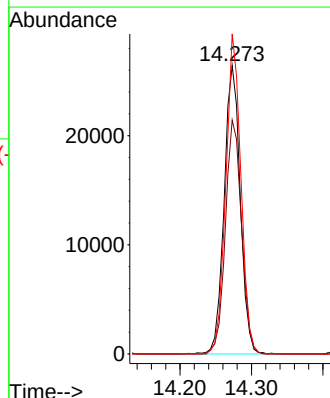
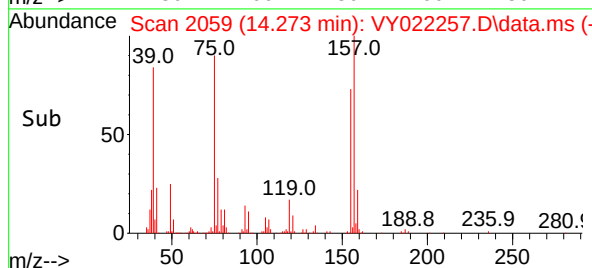
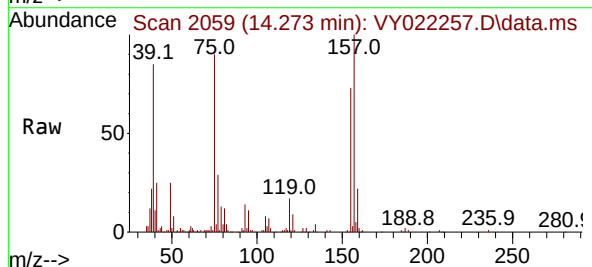
Manual Integrations
APPROVED

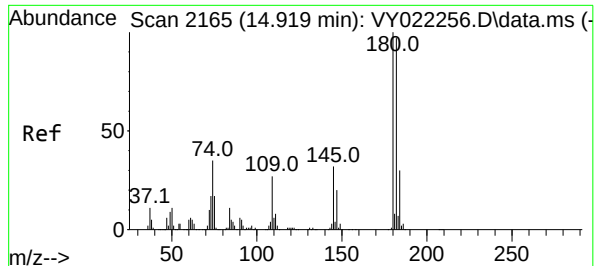
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 105.859 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

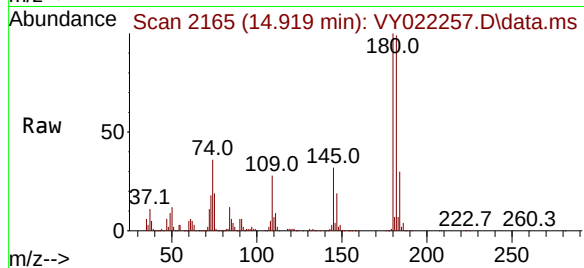
Tgt Ion: 75 Resp: 41275
Ion Ratio Lower Upper
75 100
155 81.3 43.4 130.1
157 104.0 54.6 163.9





#93
1,2,4-Trichlorobenzene
Concen: 103.107 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

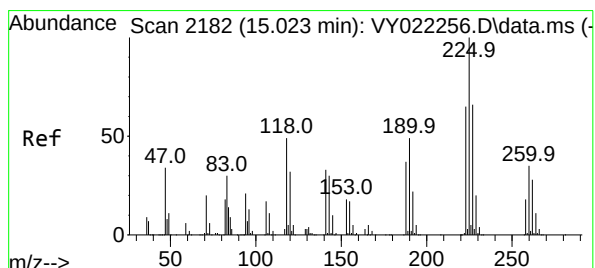
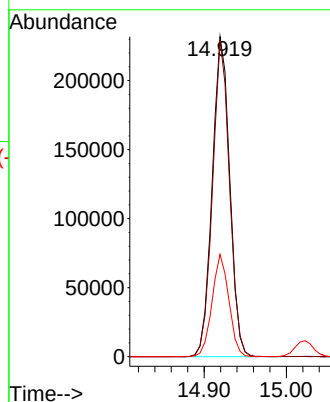
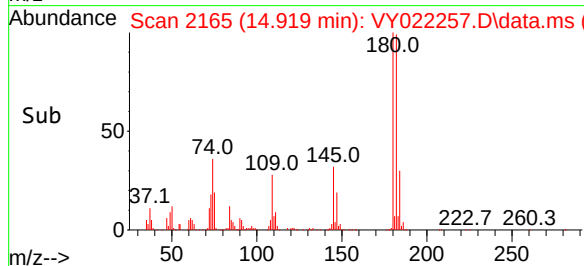
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



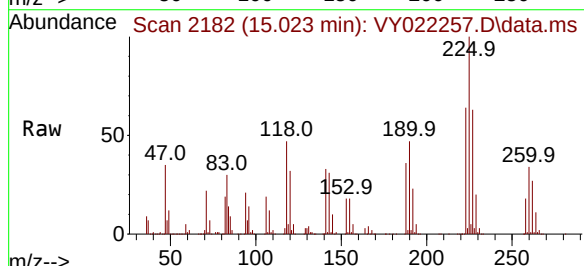
Tgt Ion:180 Resp: 342939
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 30.7 15.0 45.1

Manual Integrations
APPROVED

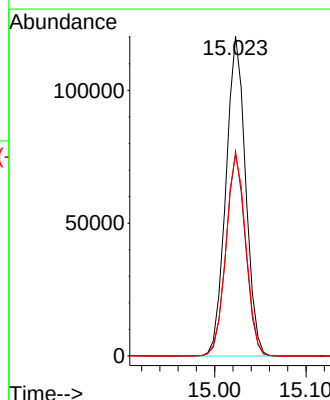
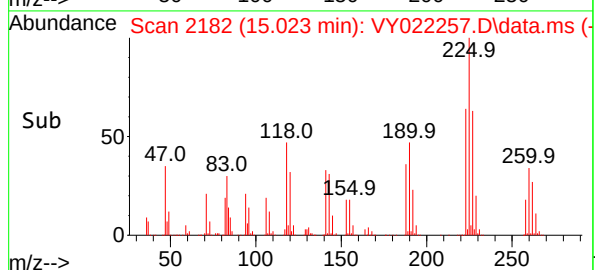
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

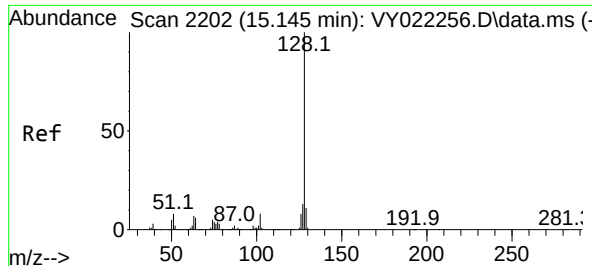


#94
Hexachlorobutadiene
Concen: 97.075 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



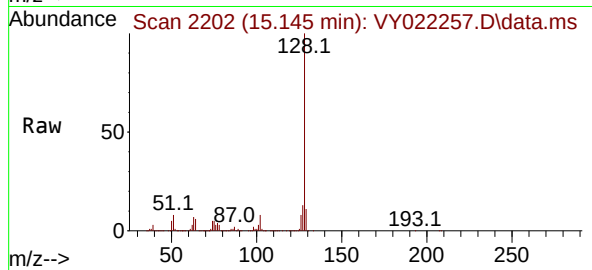
Tgt Ion:225 Resp: 180060
Ion Ratio Lower Upper
225 100
223 62.8 31.5 94.5
227 64.1 32.1 96.3





#95
Naphthalene
Concen: 106.935 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

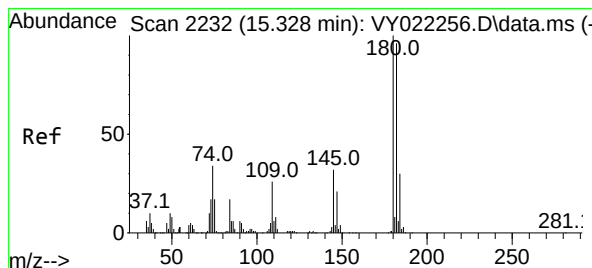
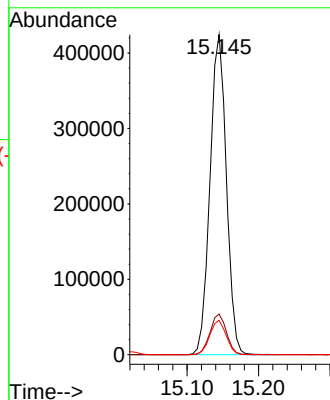
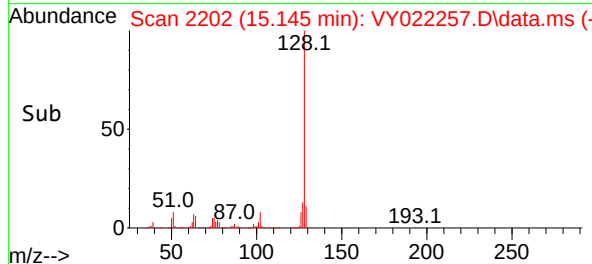
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



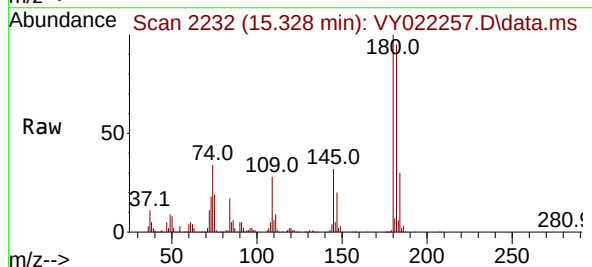
Tgt Ion:128 Resp: 674950
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

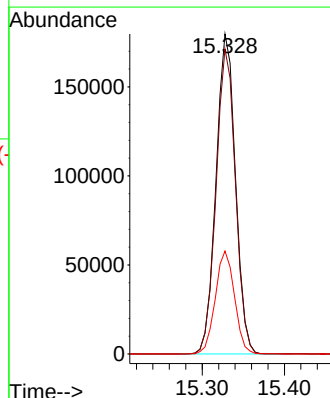
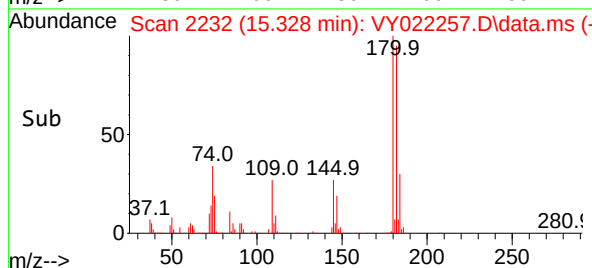
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 104.488 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion:180 Resp: 294823
Ion Ratio Lower Upper
180 100
182 95.3 47.1 141.3
145 31.8 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022258.D
 Acq On : 15 May 2025 11:47
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 05/16/2025
 Supervised By : Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	271027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	442917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	187978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	455385	153.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 307.480%#			
35) Dibromofluoromethane	7.634	113	412318	155.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 311.940%#			
50) Toluene-d8	10.103	98	1689714	156.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 312.120%#			
62) 4-Bromofluorobenzene	12.402	95	541367	157.751	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 315.500%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	389593	137.760	ug/l	100
3) Chloromethane	2.068	50	727243	122.246	ug/l	99
4) Vinyl Chloride	2.202	62	902596	135.801	ug/l	97
5) Bromomethane	2.586	94	780107	144.182	ug/l	99
6) Chloroethane	2.727	64	590870	142.898	ug/l	98
7) Trichlorofluoromethane	3.050	101	989291	147.013	ug/l	99
8) Diethyl Ether	3.452	74	236216	146.270	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	422397	144.588	ug/l	100
10) Methyl Iodide	4.001	142	518980	153.489	ug/l	98
11) Tert butyl alcohol	4.866	59	172549	762.834	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	425285	146.697	ug/l	97
13) Acrolein	3.653	56	237291	717.595	ug/l	98
14) Allyl chloride	4.379	41	756728	148.866	ug/l	100
15) Acrylonitrile	5.055	53	512850	770.708	ug/l	100
16) Acetone	3.873	43	375443	675.976	ug/l	99
17) Carbon Disulfide	4.104	76	1365378	144.429	ug/l	100
18) Methyl Acetate	4.385	43	282084	166.915	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	1225258	153.279	ug/l	98
20) Methylene Chloride	4.616	84	448817	125.059	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	472143	147.547	ug/l	99
22) Diisopropyl ether	6.019	45	1626927	151.557	ug/l	99
23) Vinyl Acetate	5.958	43	4953644	763.831	ug/l	100
24) 1,1-Dichloroethane	5.915	63	879785	146.697	ug/l	99
25) 2-Butanone	6.890	43	708010	762.091	ug/l	98
26) 2,2-Dichloropropane	6.884	77	787195	147.575	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	563503	152.601	ug/l	100
28) Bromochloromethane	7.244	49	387221	151.369	ug/l	100
29) Tetrahydrofuran	7.262	42	472224	790.072	ug/l	100
30) Chloroform	7.421	83	859317	149.381	ug/l	98
31) Cyclohexane	7.701	56	821784	137.144	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	784014	148.554	ug/l	99
36) 1,1-Dichloropropene	7.835	75	658871	151.316	ug/l	99
37) Ethyl Acetate	6.982	43	320686	153.067	ug/l	99
38) Carbon Tetrachloride	7.817	117	696139	154.450	ug/l	100
39) Methylcyclohexane	9.110	83	886329	151.510	ug/l	98
40) Benzene	8.079	78	1987535	153.973	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022258.D
 Acq On : 15 May 2025 11:47
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	202603m	132.161	ug/l	
42) 1,2-Dichloroethane	8.159	62	534517	153.124	ug/l	99
43) Isopropyl Acetate	8.195	43	704366	154.159	ug/l #	89
44) Trichloroethene	8.866	130	481990	150.171	ug/l	96
45) 1,2-Dichloropropane	9.140	63	472217	151.736	ug/l	97
46) Dibromomethane	9.231	93	258087	153.757	ug/l	99
47) Bromodichloromethane	9.420	83	669834	153.824	ug/l	99
48) Methyl methacrylate	9.219	41	344147	161.060	ug/l	99
49) 1,4-Dioxane	9.231	88	61019	3217.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	1829015	815.822	ug/l	99
52) Toluene	10.170	92	1276917	156.216	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	663513	156.134	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	754493	154.963	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	330716	153.863	ug/l	99
56) Ethyl methacrylate	10.439	69	535897	160.058	ug/l	99
57) 1,3-Dichloropropane	10.719	76	584253	152.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1350536	898.675	ug/l	99
59) 2-Hexanone	10.762	43	1227881	816.860	ug/l	99
60) Dibromochloromethane	10.908	129	438666	157.237	ug/l	99
61) 1,2-Dibromoethane	11.012	107	308529	154.008	ug/l	99
64) Tetrachloroethene	10.646	164	501627	139.237	ug/l	100
65) Chlorobenzene	11.438	112	1336594	151.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	480525	158.952	ug/l	100
67) Ethyl Benzene	11.518	91	2598027	157.756	ug/l	99
68) m/p-Xylenes	11.627	106	1992413	321.066	ug/l	99
69) o-Xylene	11.957	106	937727	159.714	ug/l	99
70) Styrene	11.969	104	1613798	162.944	ug/l	100
71) Bromoform	12.133	173	254251	155.818	ug/l #	99
73) Isopropylbenzene	12.255	105	2357568	151.387	ug/l	100
74) N-amyl acetate	12.066	43	694999	156.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	375378	156.735	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	289968m	87.525	ug/l	
77) Bromobenzene	12.530	156	509579	153.206	ug/l	99
78) n-propylbenzene	12.591	91	2822794	150.276	ug/l	100
79) 2-Chlorotoluene	12.676	91	1563003	151.415	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1888432	150.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	139931	148.846	ug/l	99
82) 4-Chlorotoluene	12.774	91	1616520	152.250	ug/l	99
83) tert-Butylbenzene	12.993	119	1699962	152.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1934641	155.030	ug/l	100
85) sec-Butylbenzene	13.176	105	2493393	150.330	ug/l	100
86) p-Isopropyltoluene	13.292	119	2205275	158.088	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	1079479	158.981	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	969874	148.497	ug/l	99
89) n-Butylbenzene	13.615	91	1992554	150.985	ug/l	99
90) Hexachloroethane	13.877	117	417341	148.208	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	858733	150.565	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	58383	151.172	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	508537	154.361	ug/l	99
94) Hexachlorobutadiene	15.023	225	261832	142.514	ug/l	100
95) Naphthalene	15.139	128	979369	156.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	426231	152.509	ug/l	99

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Data File : VY022258.D
Acq On : 15 May 2025 11:47
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:25:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

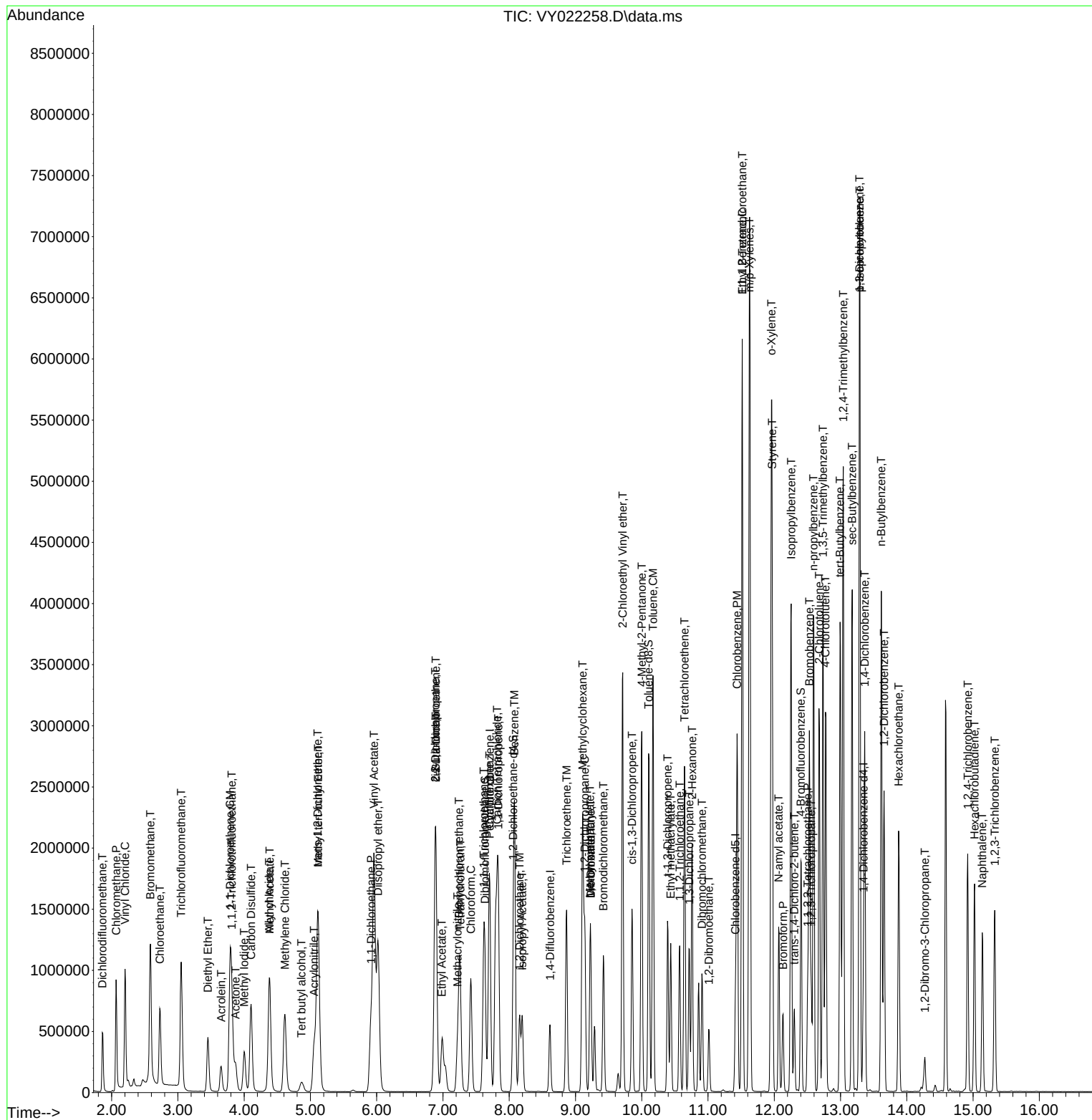
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Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

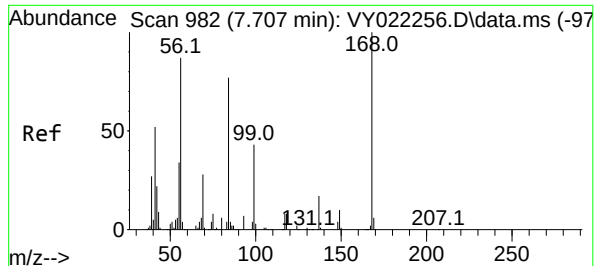
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:25:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration





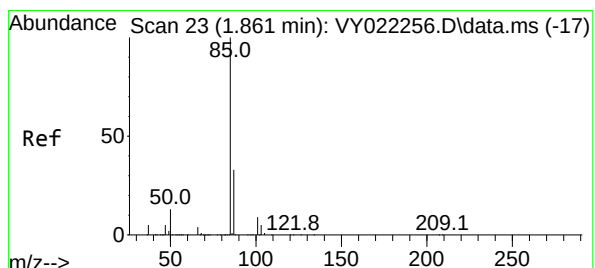
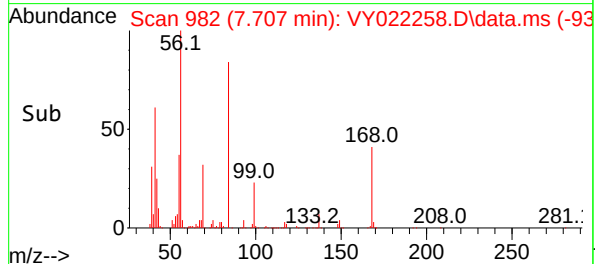
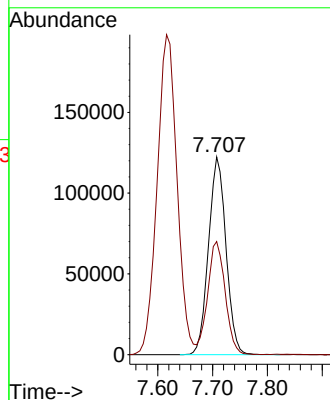
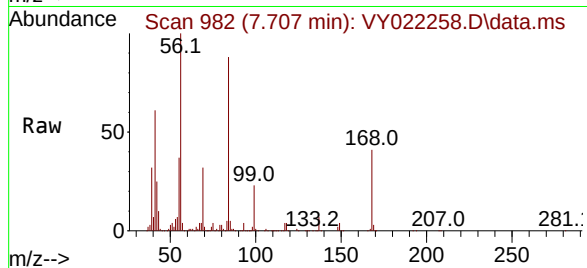
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 27102
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4

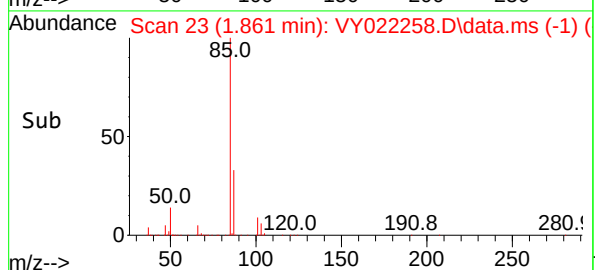
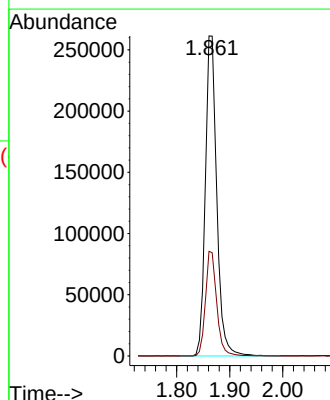
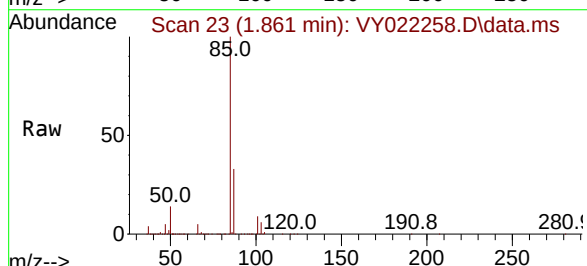
Manual Integrations
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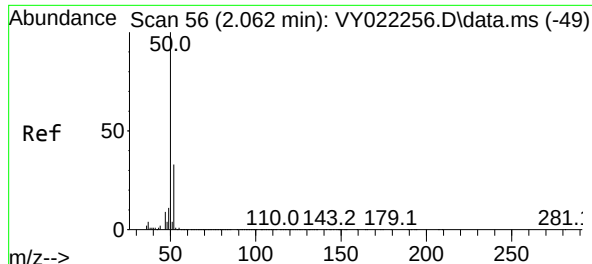
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 137.760 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

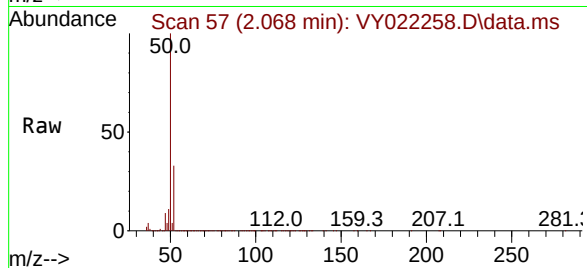
Tgt Ion: 85 Resp: 389593
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5





#3
Chloromethane
Concen: 122.246 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

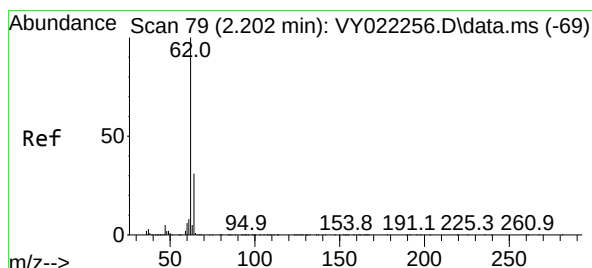
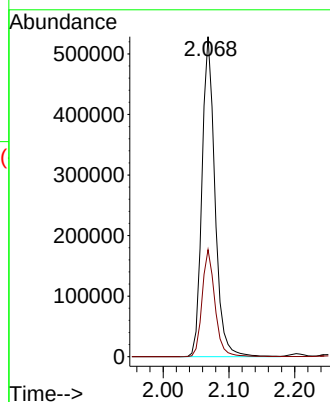
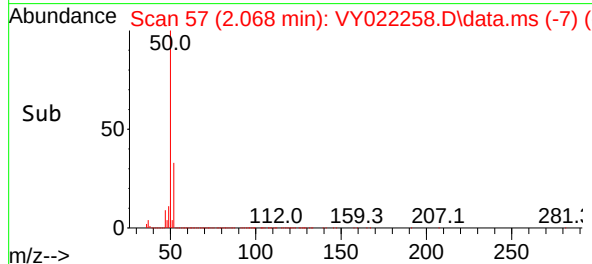
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 72724
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

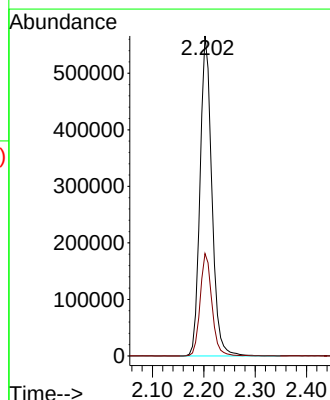
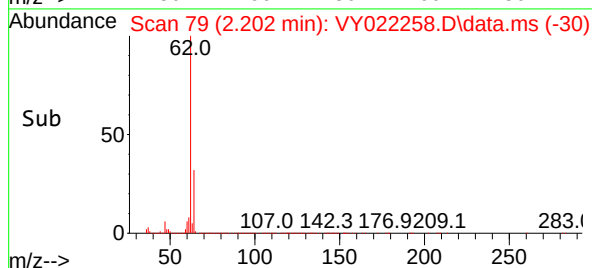
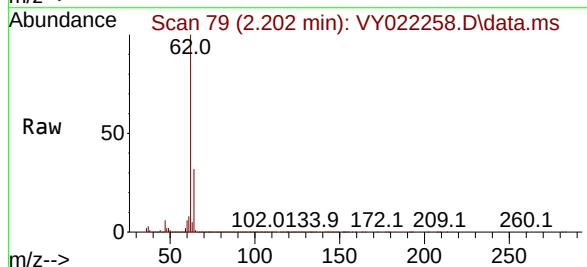
Manual Integrations
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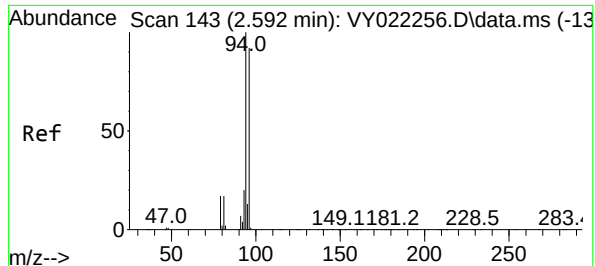
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 135.801 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

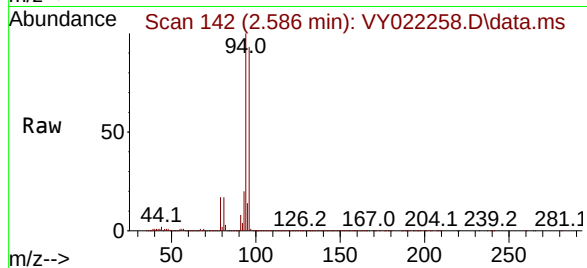
Tgt Ion: 62 Resp: 902596
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7





#5
Bromomethane
Concen: 144.182 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

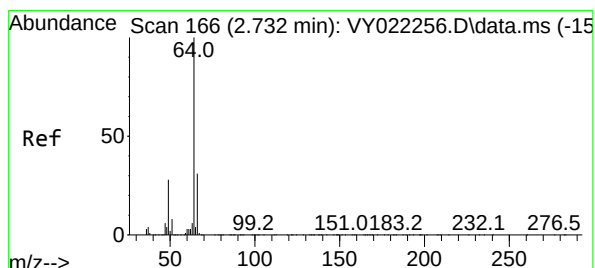
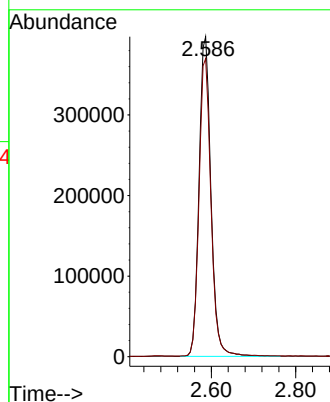
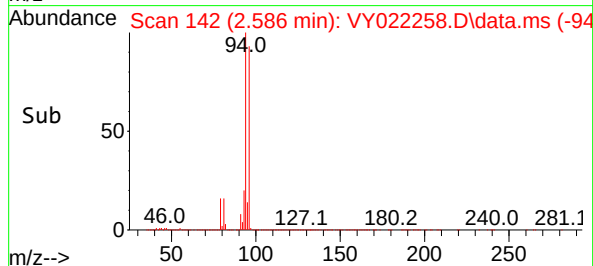
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 78010
Ion Ratio Lower Upper
94 100
96 93.0 73.4 110.0

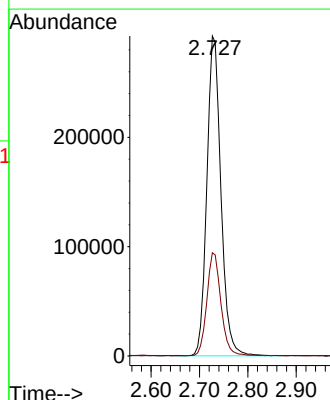
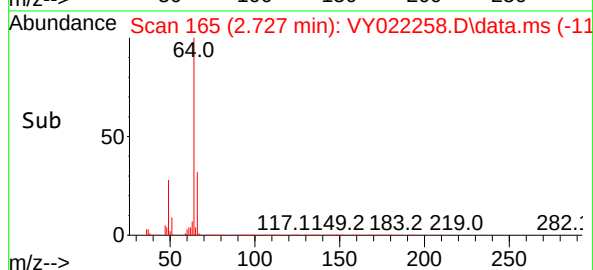
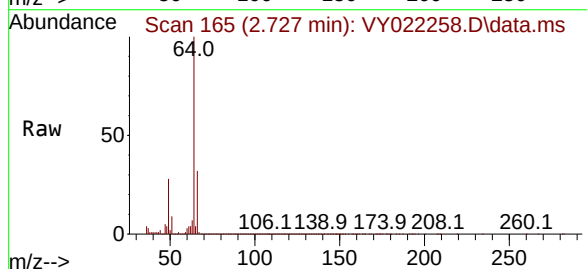
Manual Integrations
APPROVED

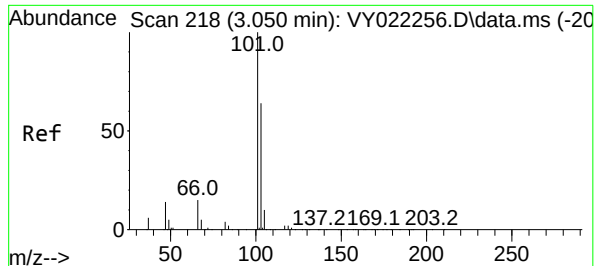
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 142.898 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 64 Resp: 590870
Ion Ratio Lower Upper
64 100
66 32.2 24.8 37.2





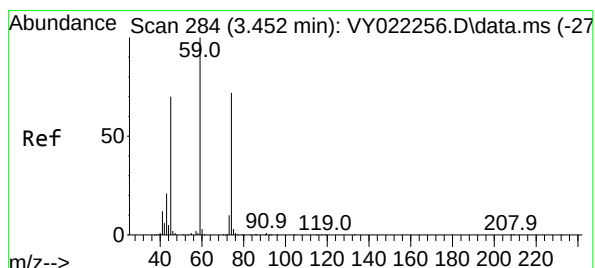
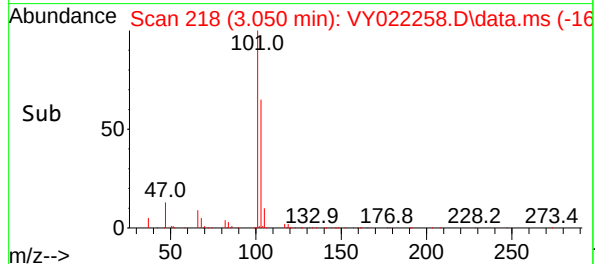
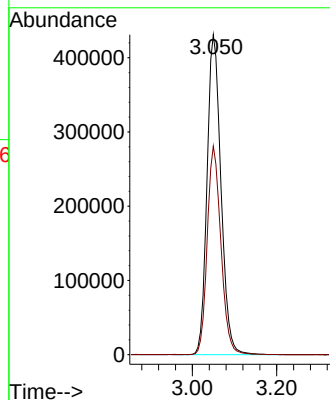
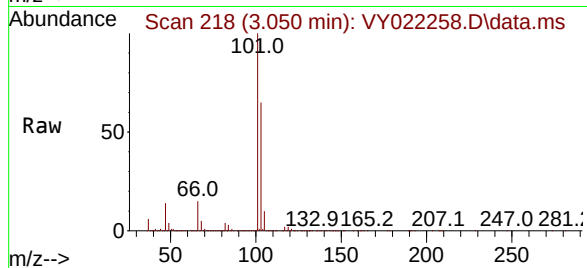
#7
Trichlorofluoromethane
Concen: 147.013 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 98929
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

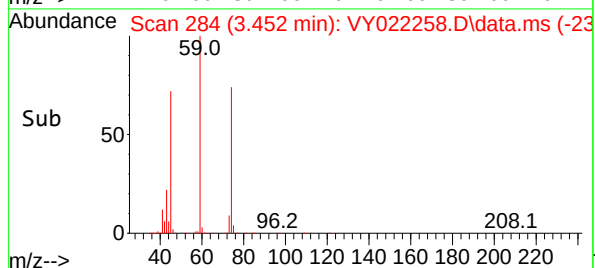
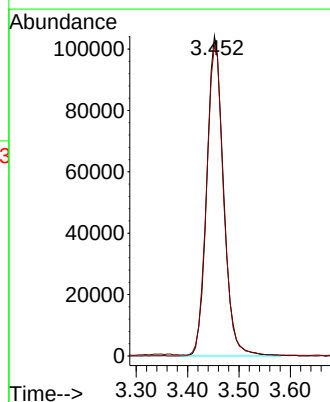
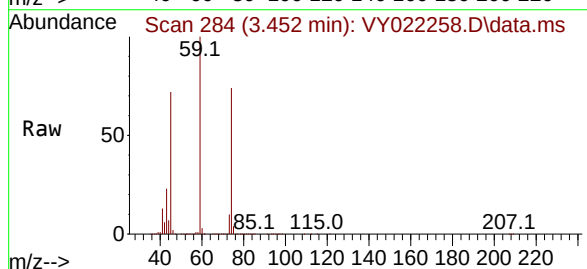
Manual Integrations
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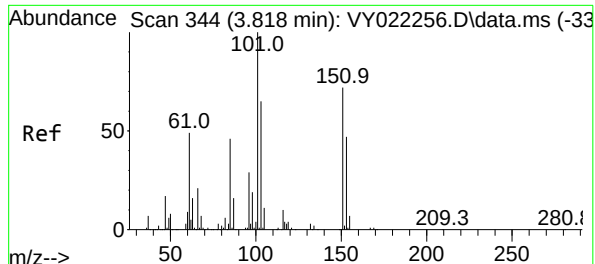
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 146.270 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 74 Resp: 236216
Ion Ratio Lower Upper
74 100
45 97.9 48.6 145.8





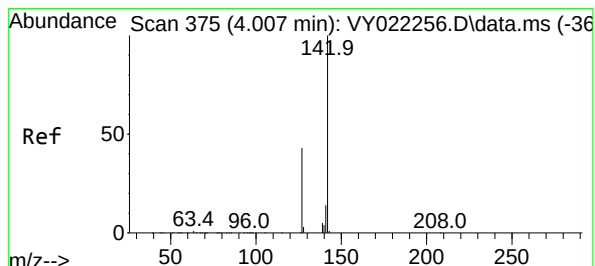
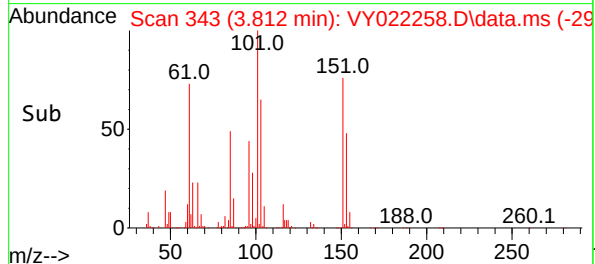
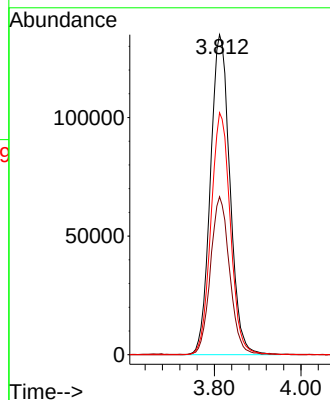
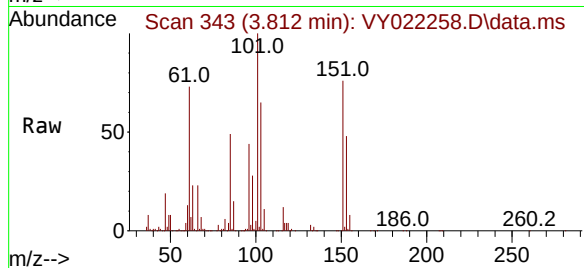
#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.588 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 422397
Ion Ratio Lower Upper
101 100
85 48.2 38.6 58.0
151 75.2 59.7 89.5

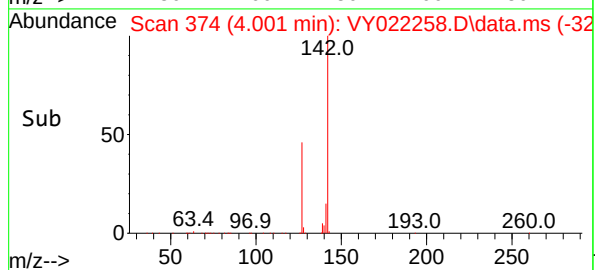
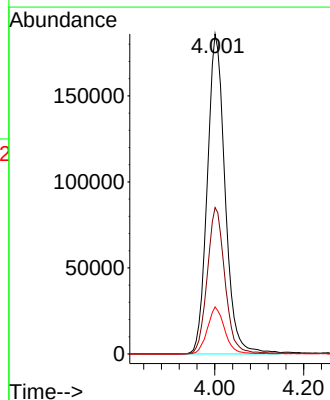
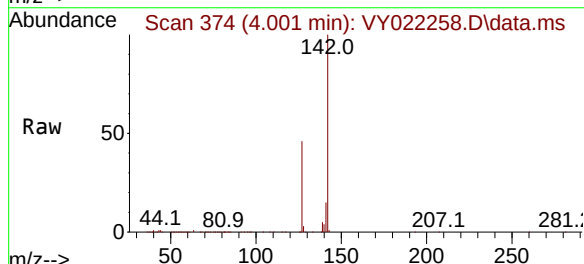
Manual Integrations
APPROVED

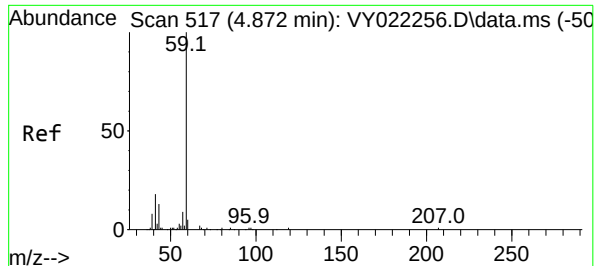
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 153.489 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:142 Resp: 518980
Ion Ratio Lower Upper
142 100
127 45.8 35.7 53.5
141 14.3 11.1 16.7





#11

Tert butyl alcohol

Concen: 762.834 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 172549

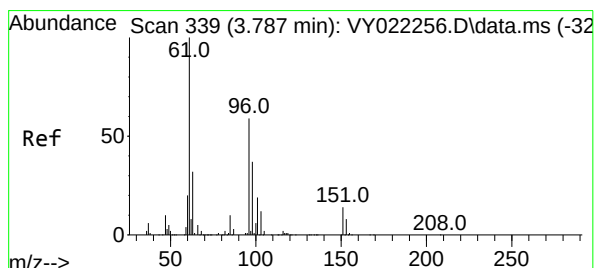
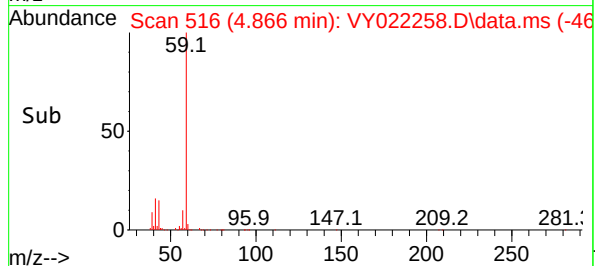
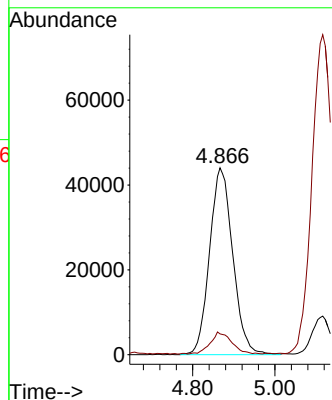
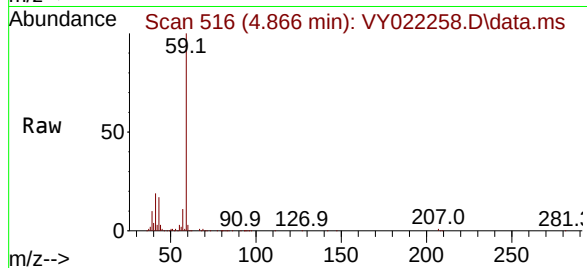
Ion Ratio Lower Upper

59 100

57 10.9 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#12

1,1-Dichloroethene

Concen: 146.697 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

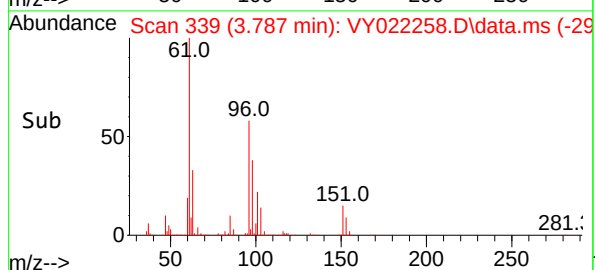
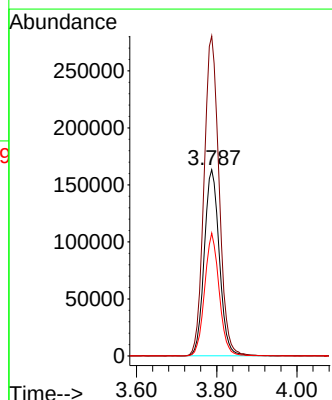
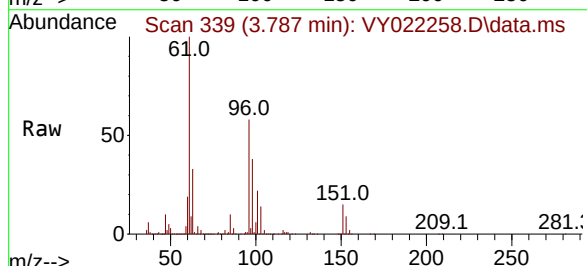
Tgt Ion: 96 Resp: 425285

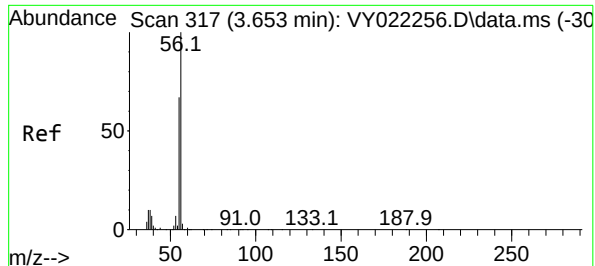
Ion Ratio Lower Upper

96 100

61 171.9 134.9 202.3

98 65.9 49.9 74.9





#13

Acrolein

Concen: 717.595 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 23729

Ion Ratio Lower Upper

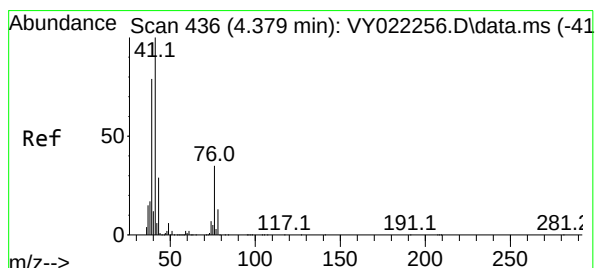
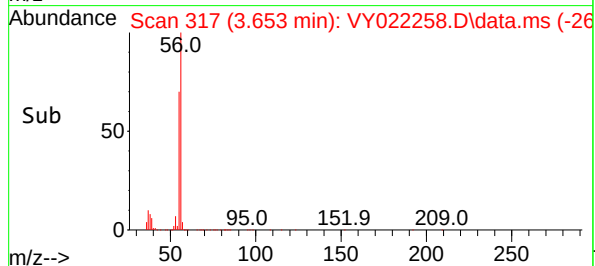
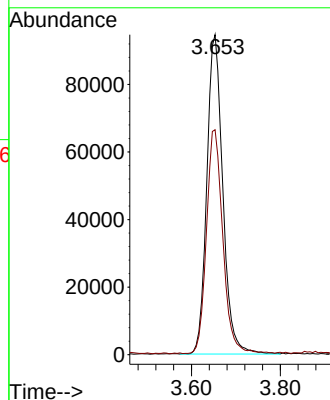
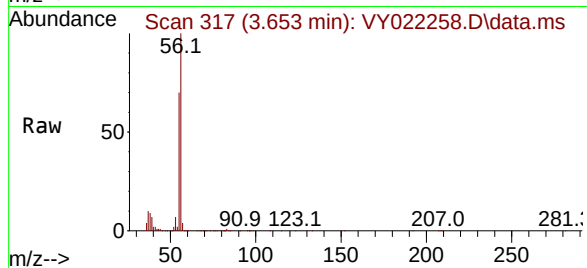
56 100

55 71.5 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#14

Allyl chloride

Concen: 148.866 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

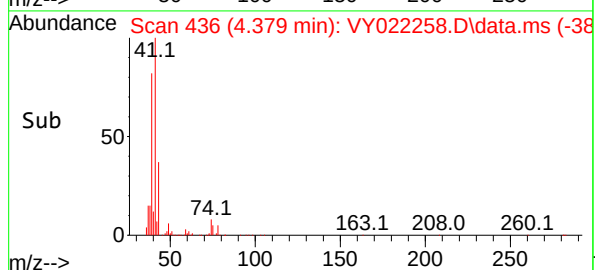
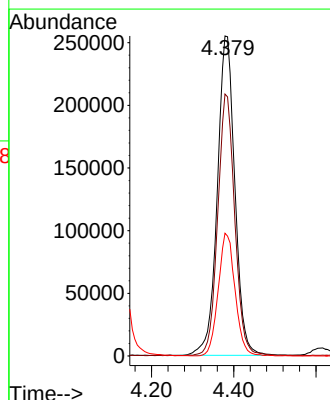
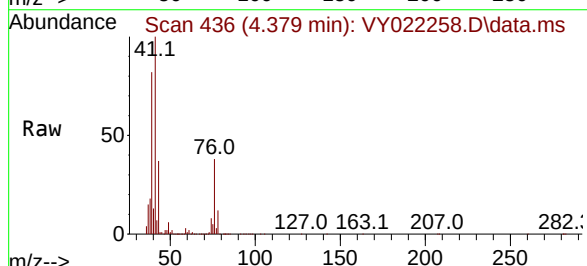
Tgt Ion: 41 Resp: 756728

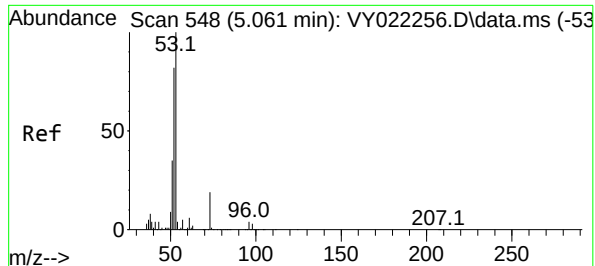
Ion Ratio Lower Upper

41 100

39 79.2 63.4 95.0

76 36.8 29.5 44.3





#15

Acrylonitrile

Concen: 770.708 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 512850

Ion Ratio Lower Upper

53 100

52 82.4 66.1 99.1

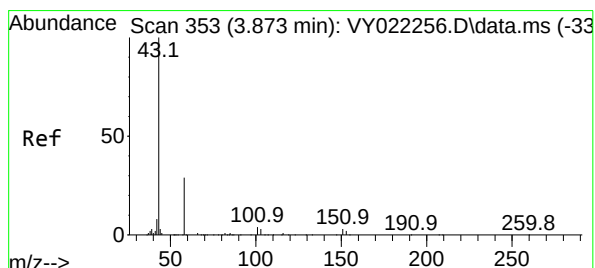
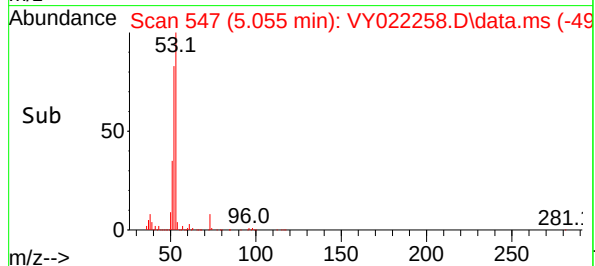
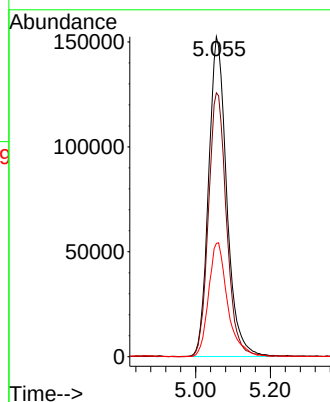
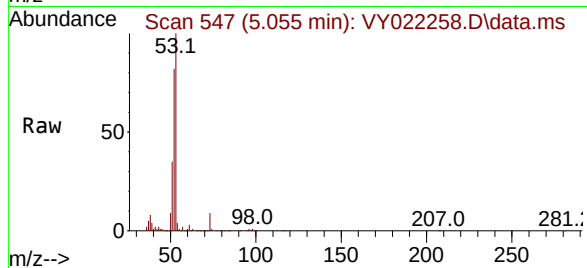
51 37.5 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#16

Acetone

Concen: 675.976 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY022258.D

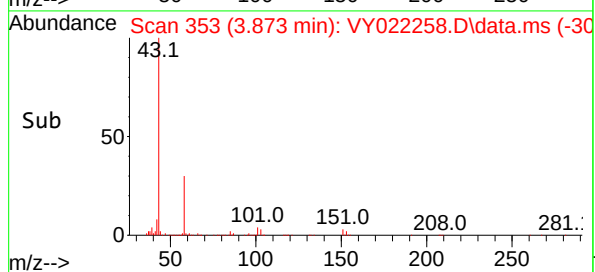
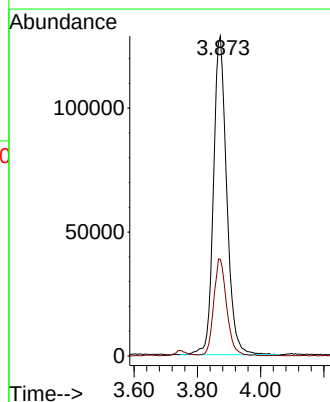
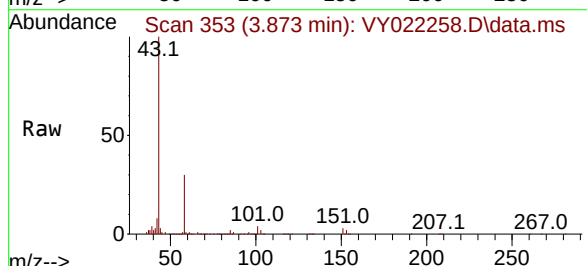
Acq: 15 May 2025 11:47

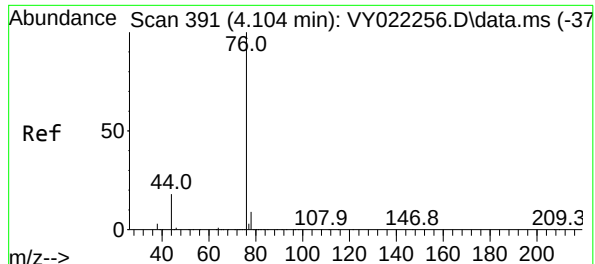
Tgt Ion: 43 Resp: 375443

Ion Ratio Lower Upper

43 100

58 30.2 23.6 35.4





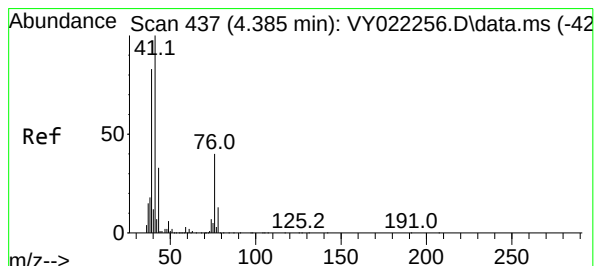
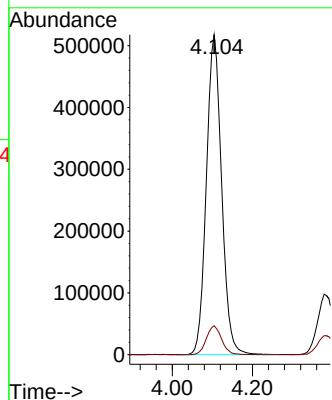
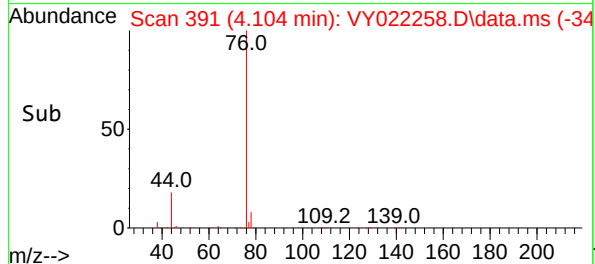
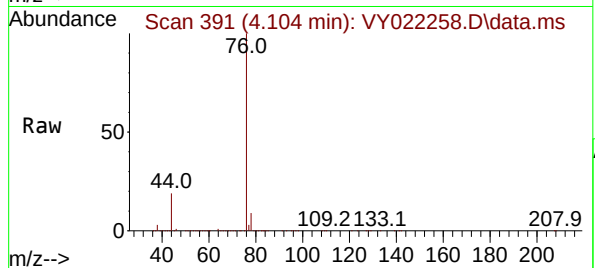
#17
Carbon Disulfide
Concen: 144.429 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 1365378
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

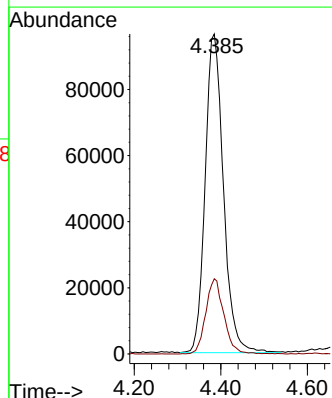
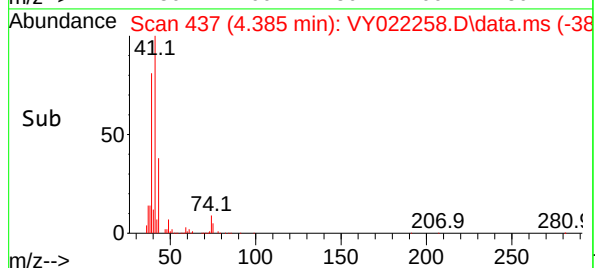
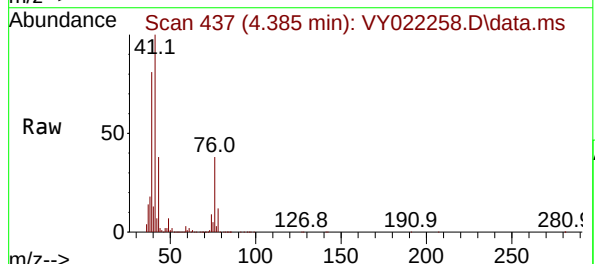
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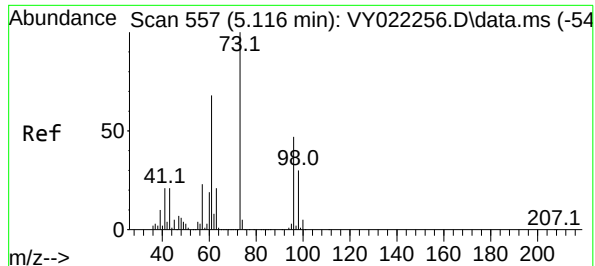
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 166.915 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 43 Resp: 282084
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 153.279 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 73 Resp: 1225258

Ion Ratio Lower Upper

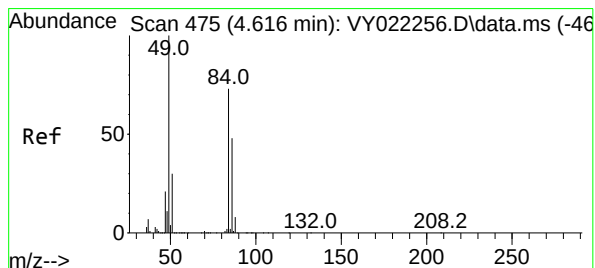
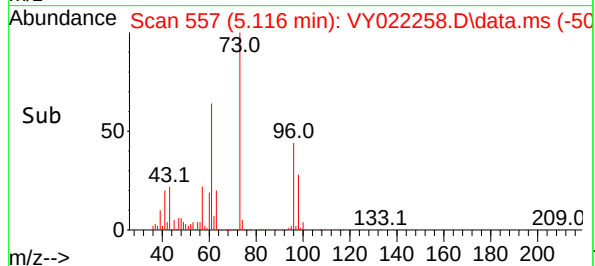
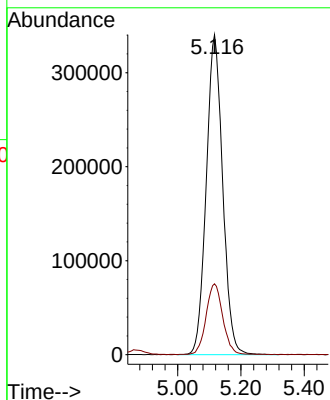
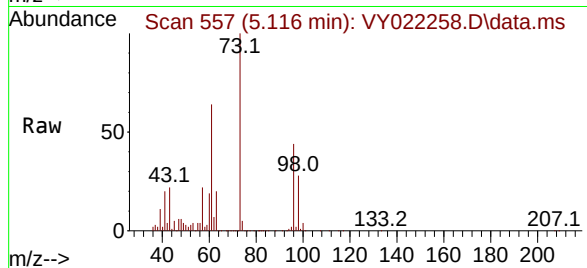
73 100

57 22.1 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20

Methylene Chloride

Concen: 125.059 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion: 84 Resp: 448817

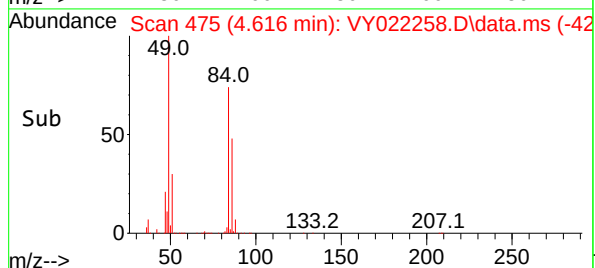
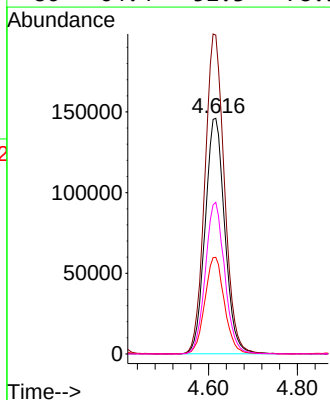
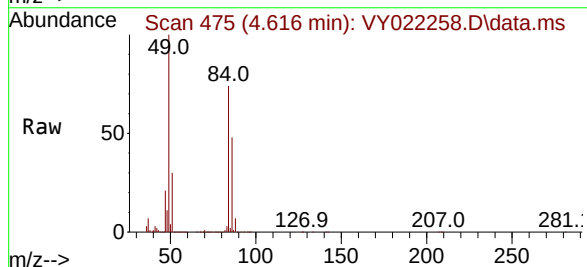
Ion Ratio Lower Upper

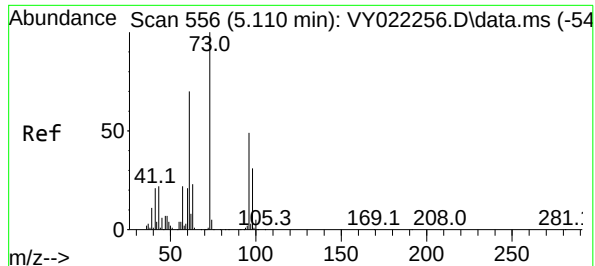
84 100

49 135.3 109.6 164.4

51 40.9 32.4 48.6

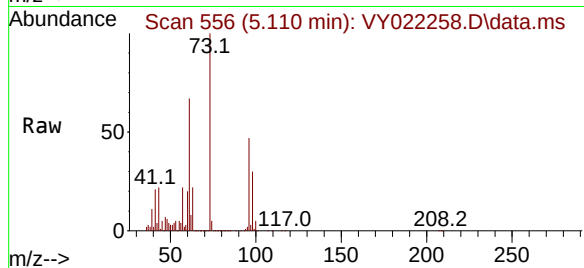
86 64.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 147.547 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

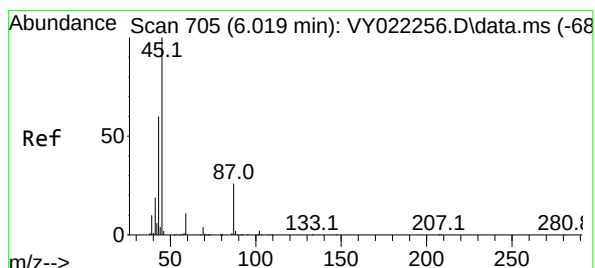
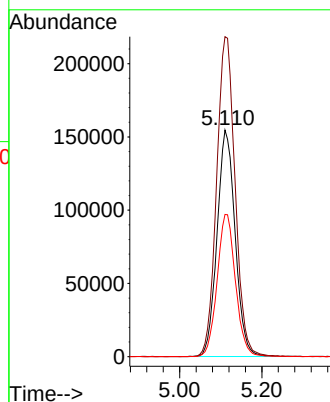
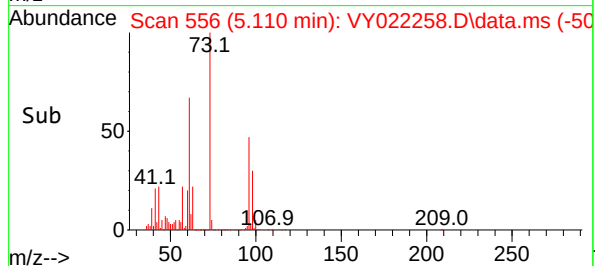
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 47214
Ion Ratio Lower Upper
96 100
61 141.3 113.4 170.0
98 62.8 50.9 76.3

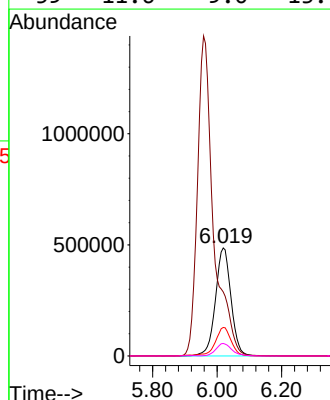
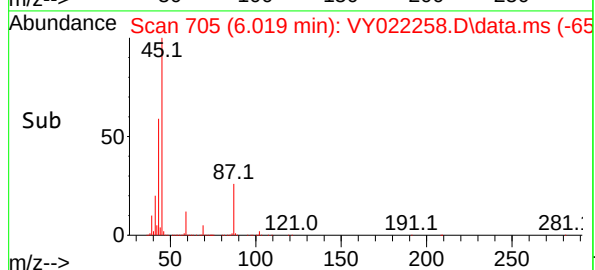
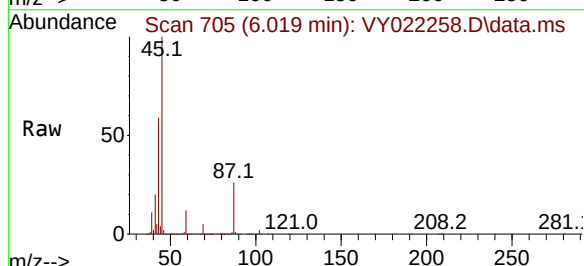
Manual Integrations
APPROVED

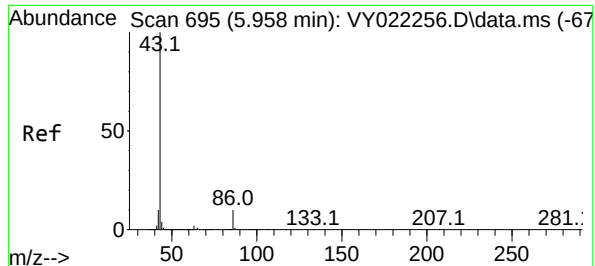
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 151.557 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 45 Resp: 1626927
Ion Ratio Lower Upper
45 100
43 59.2 48.2 72.2
87 26.4 21.4 32.0
59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 763.831 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 495364

Ion Ratio Lower Upper

43 100

86 9.7

7.8

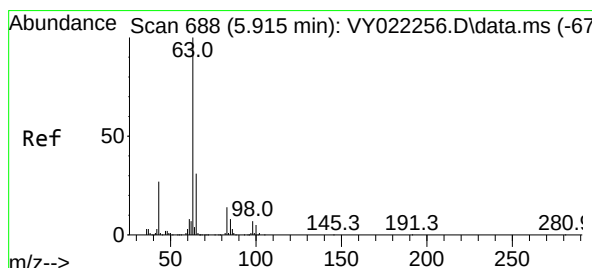
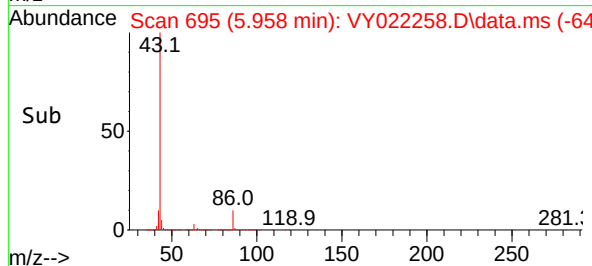
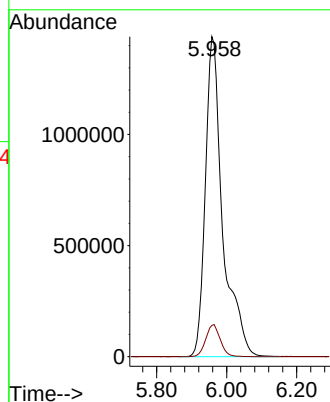
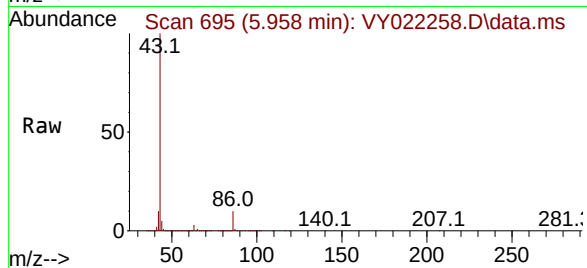
11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#24

1,1-Dichloroethane

Concen: 146.697 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion: 63 Resp: 879785

Ion Ratio Lower Upper

63 100

98 6.9

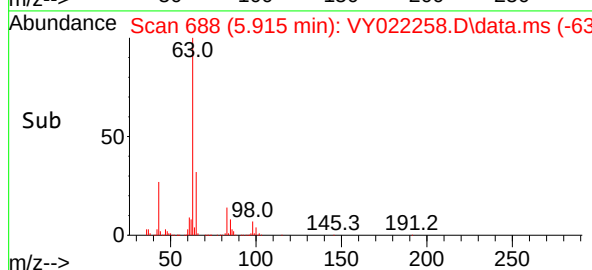
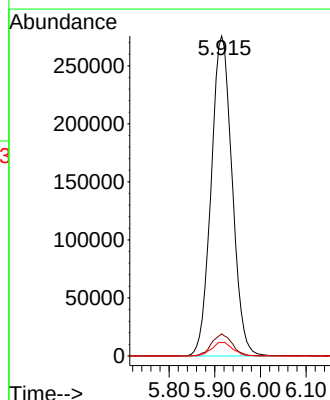
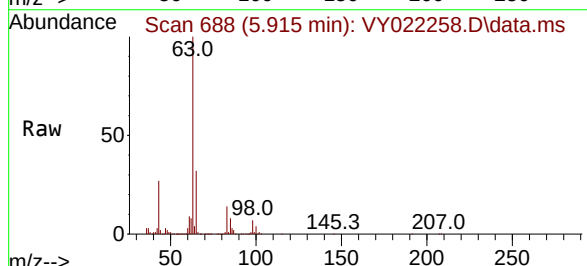
3.5

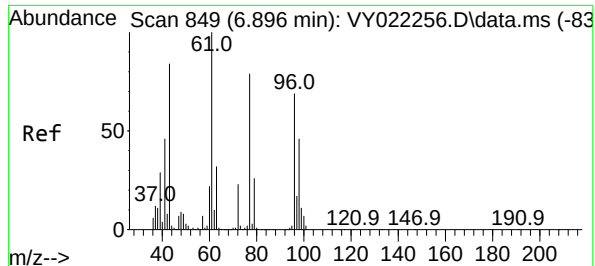
10.5

100 4.2

2.4

7.2





#25

2-Butanone

Concen: 762.091 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 708010

Ion Ratio Lower Upper

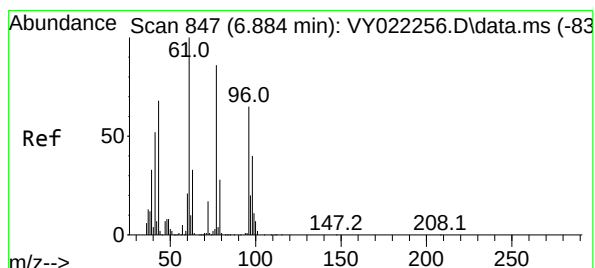
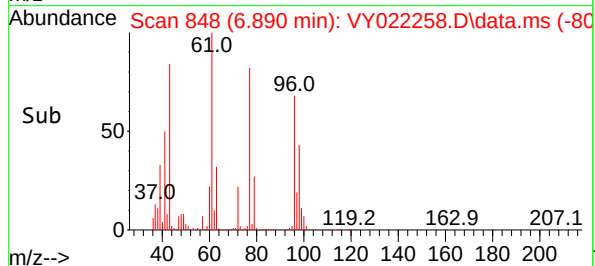
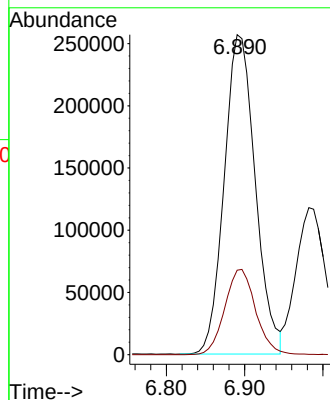
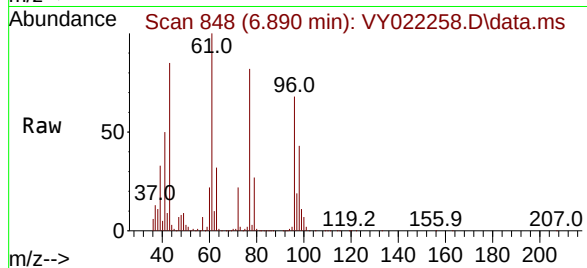
43 100

72 26.4 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26

2,2-Dichloropropane

Concen: 147.575 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022258.D

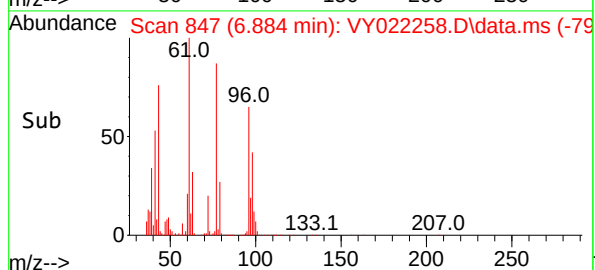
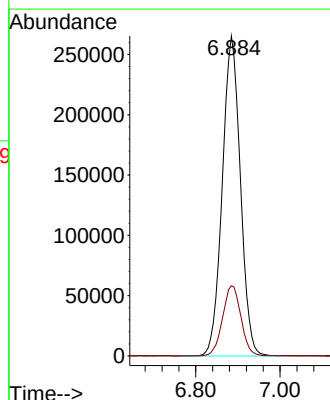
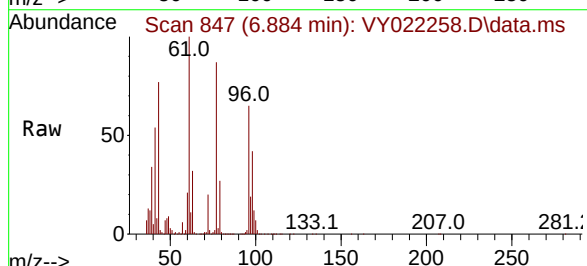
Acq: 15 May 2025 11:47

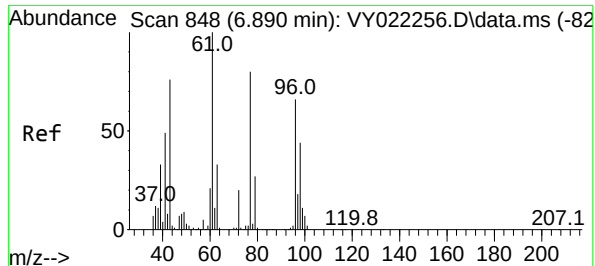
Tgt Ion: 77 Resp: 787195

Ion Ratio Lower Upper

77 100

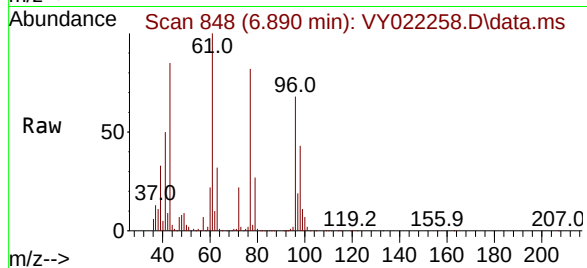
97 22.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 152.601 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

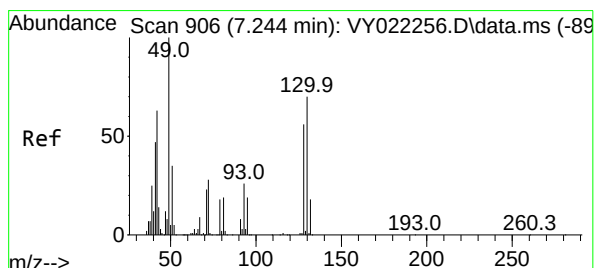
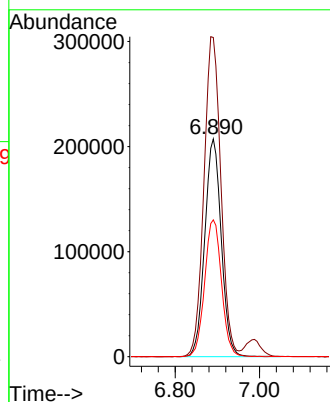
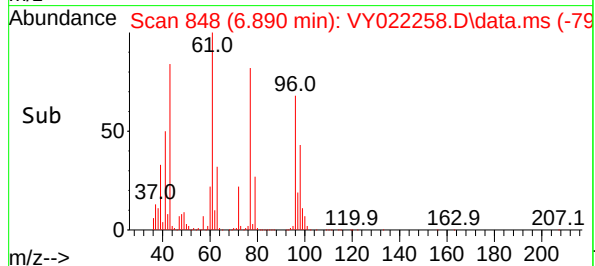
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 56350
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 302.6
 98 64.4 0.0 128.8

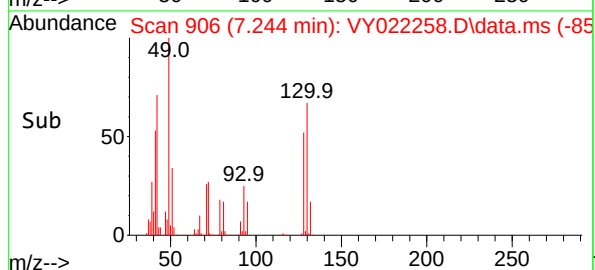
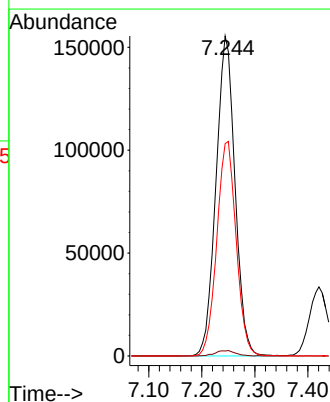
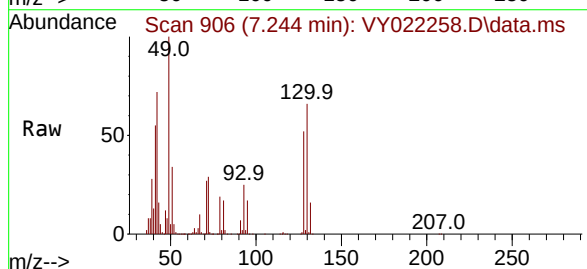
Manual Integrations
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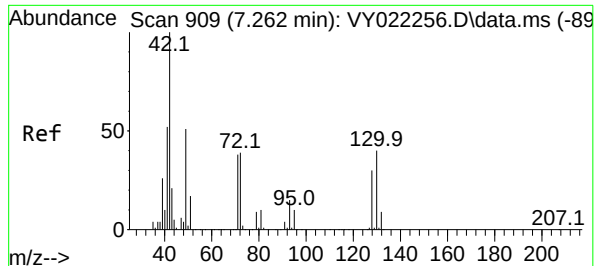
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#28
 Bromochloromethane
 Concen: 151.369 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

Tgt Ion: 49 Resp: 387221
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 68.2 54.7 82.1





#29

Tetrahydrofuran

Concen: 790.072 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 472224

Ion Ratio Lower Upper

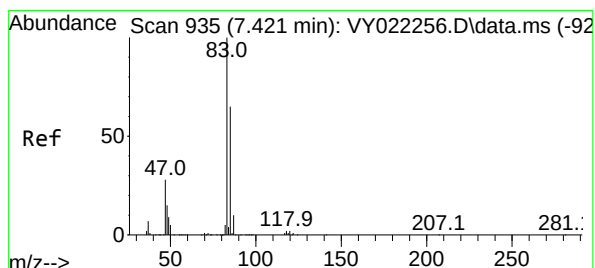
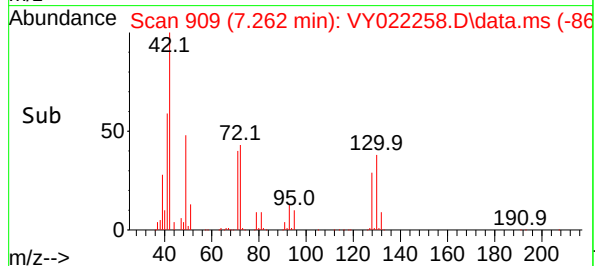
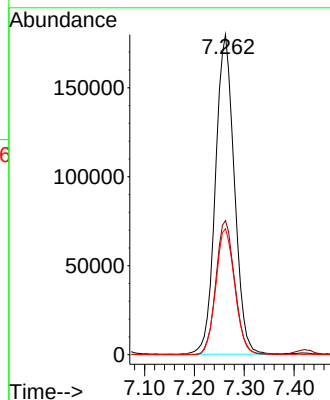
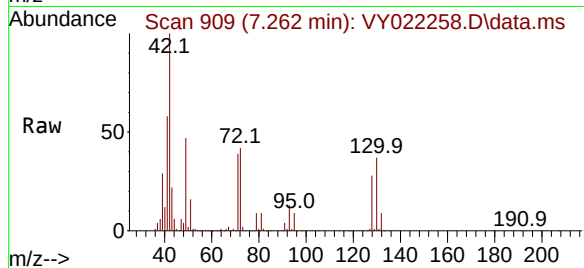
42 100

72 42.0 33.8 50.6

71 39.6 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#30

Chloroform

Concen: 149.381 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022258.D

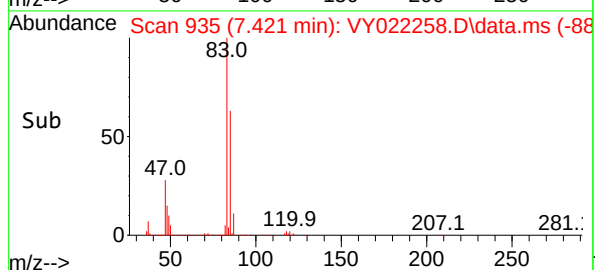
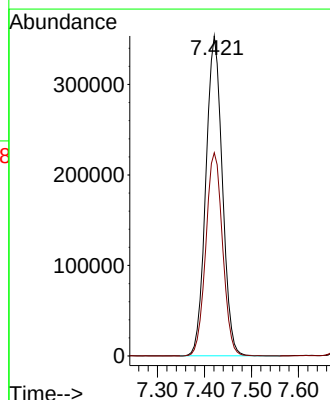
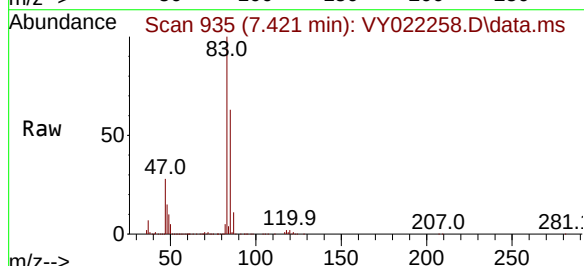
Acq: 15 May 2025 11:47

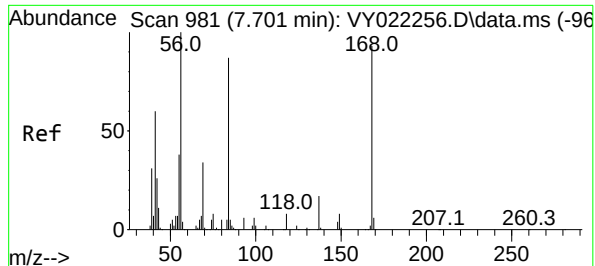
Tgt Ion: 83 Resp: 859317

Ion Ratio Lower Upper

83 100

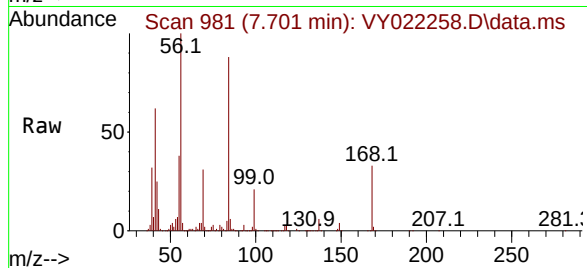
85 63.5 51.8 77.8





#31
Cyclohexane
Concen: 137.144 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

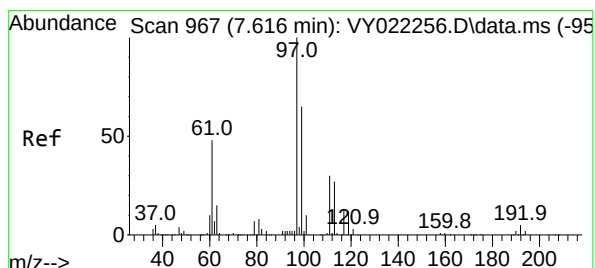
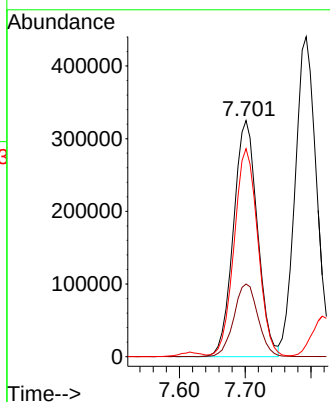
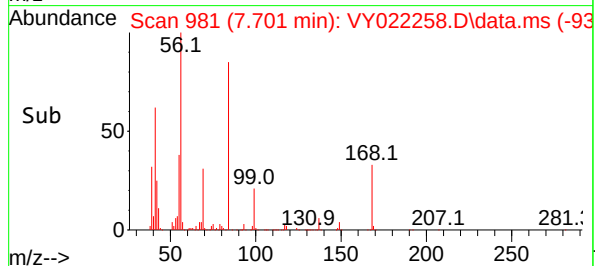
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 821784
Ion Ratio Lower Upper
56 100
69 30.7 27.4 41.2
84 87.3 70.0 105.0

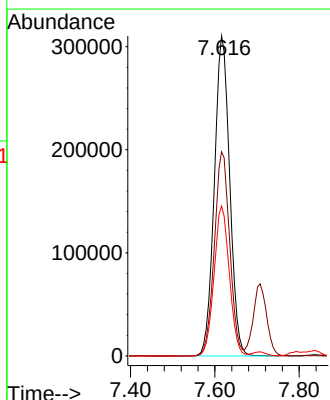
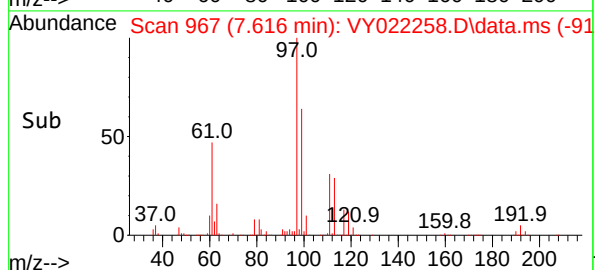
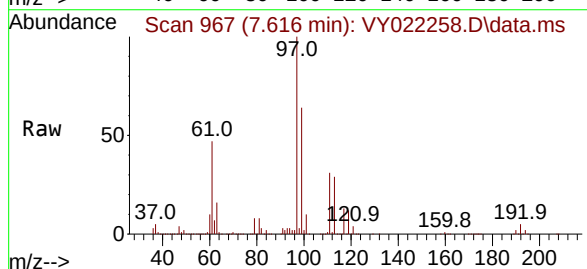
Manual Integrations
APPROVED

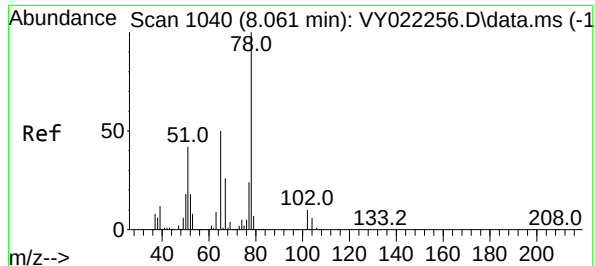
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#32
1,1,1-Trichloroethane
Concen: 148.554 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 97 Resp: 784014
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.7 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 153.739 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 45538

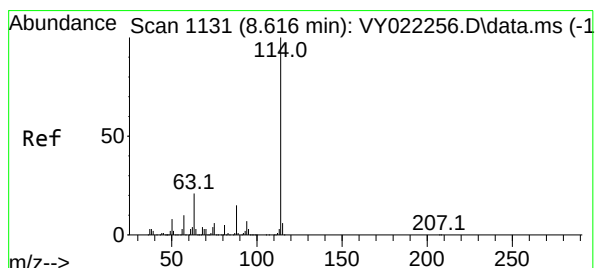
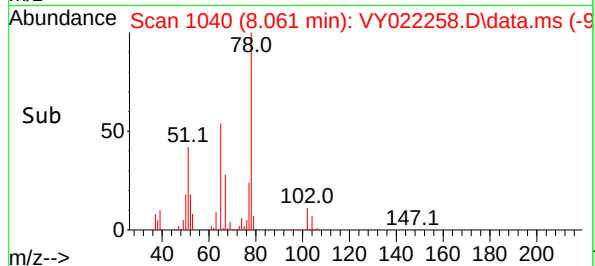
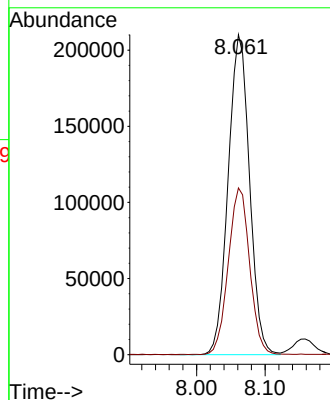
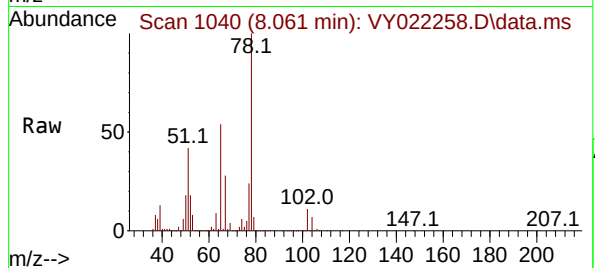
Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

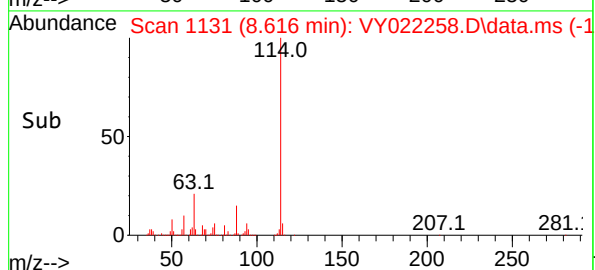
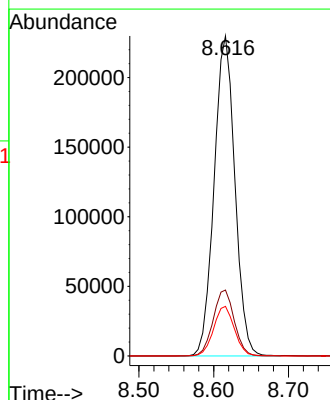
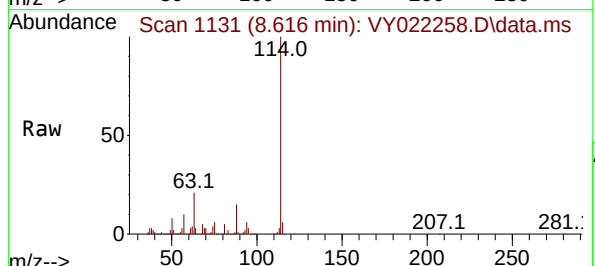
Tgt Ion:114 Resp: 442917

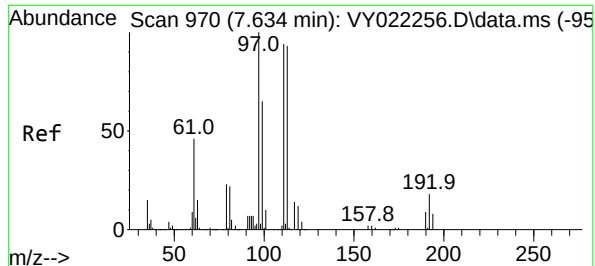
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 155.969 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 412318

Ion Ratio Lower Upper

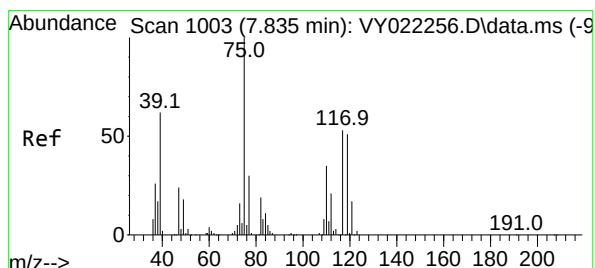
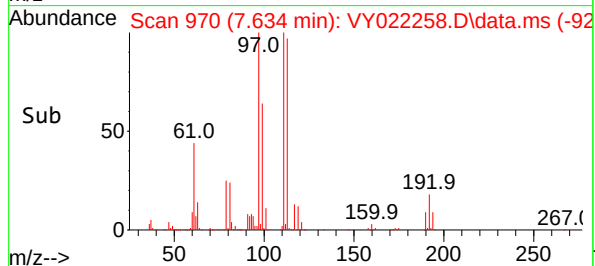
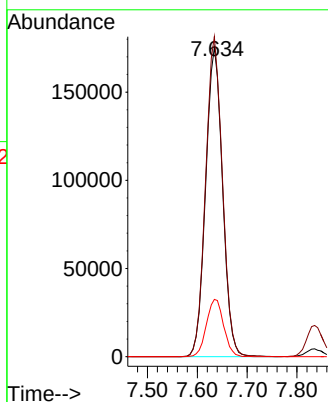
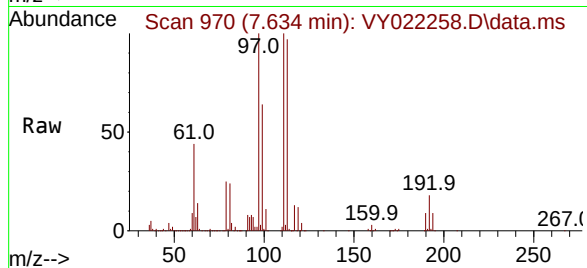
113 100

111 103.2 82.6 123.8

192 18.9 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#36

1,1-Dichloropropene

Concen: 151.316 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

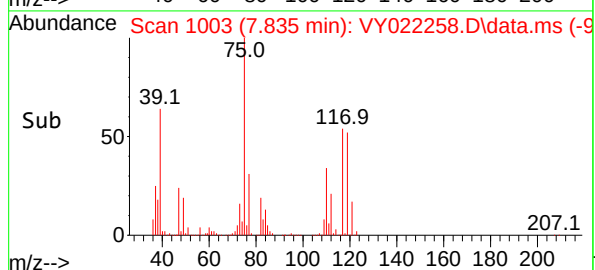
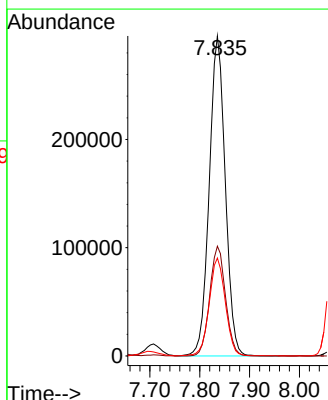
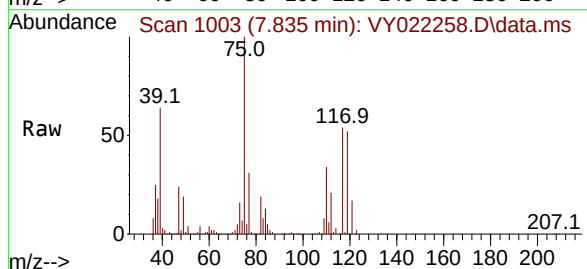
Tgt Ion: 75 Resp: 658871

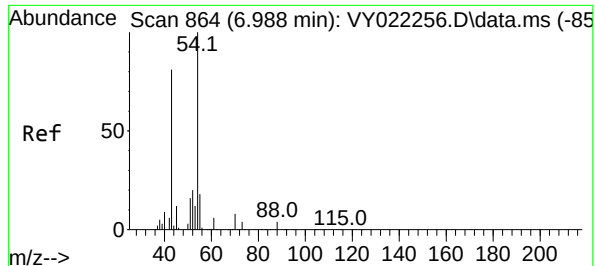
Ion Ratio Lower Upper

75 100

110 33.9 16.6 49.8

77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 153.067 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 320680

Ion Ratio Lower Upper

43 100

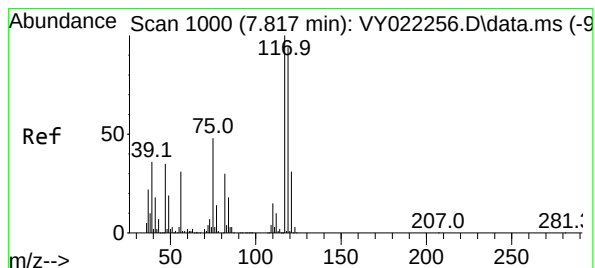
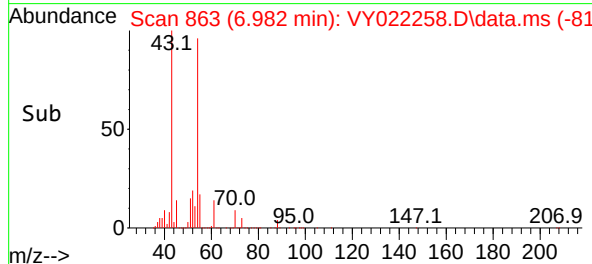
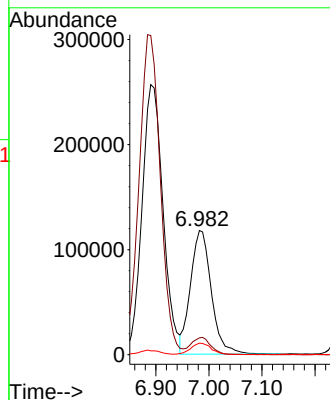
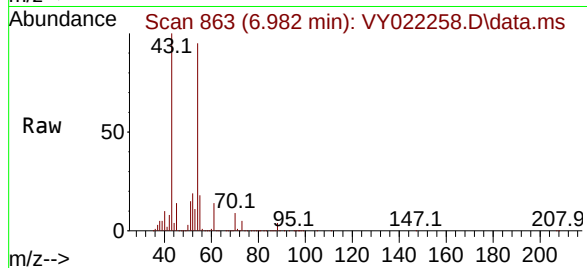
61 13.3 10.2 15.2

70 9.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 154.450 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

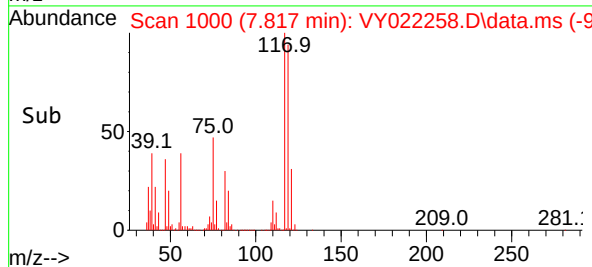
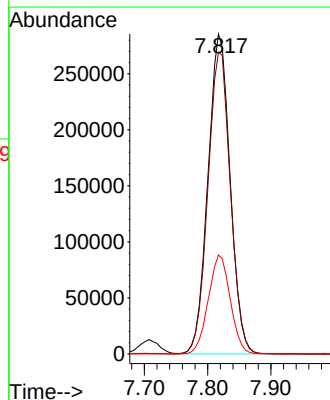
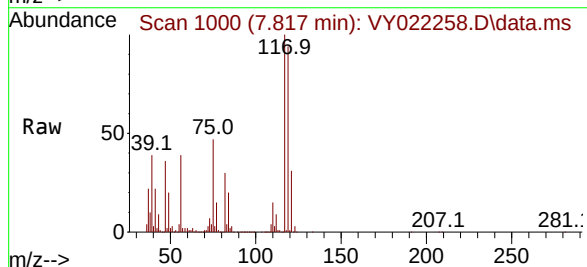
Tgt Ion:117 Resp: 696139

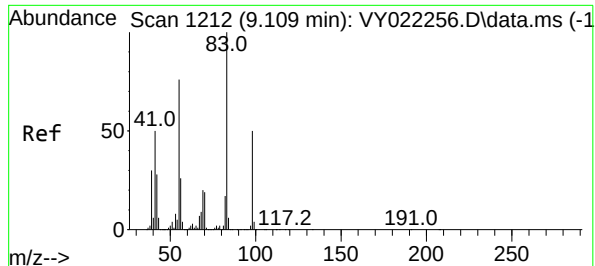
Ion Ratio Lower Upper

117 100

119 94.3 75.3 112.9

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 151.510 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 886329

Ion Ratio Lower Upper

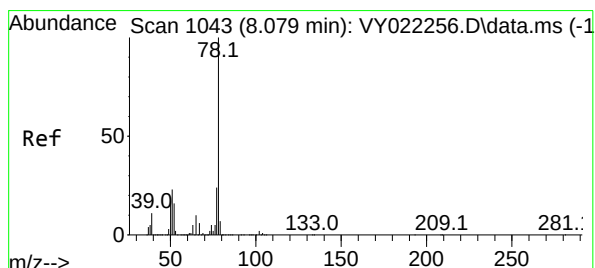
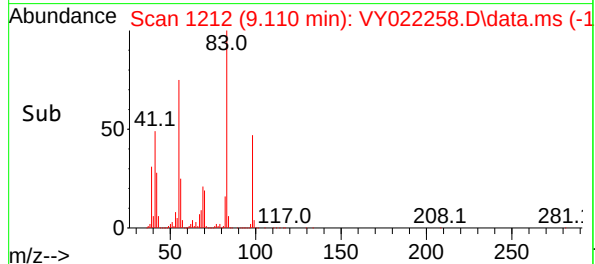
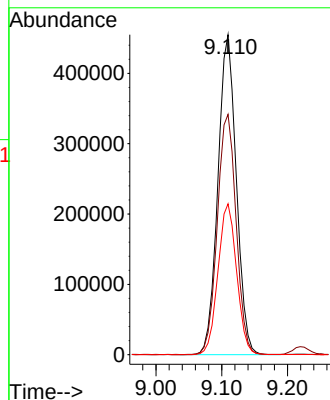
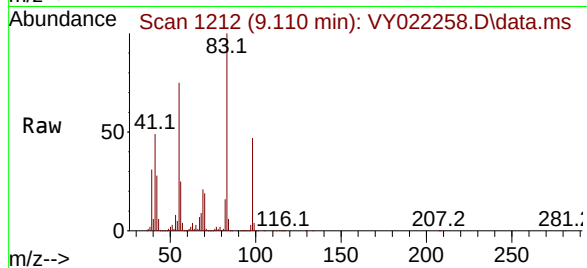
83 100

55 75.1 60.6 90.8

98 47.2 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#40

Benzene

Concen: 153.973 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022258.D

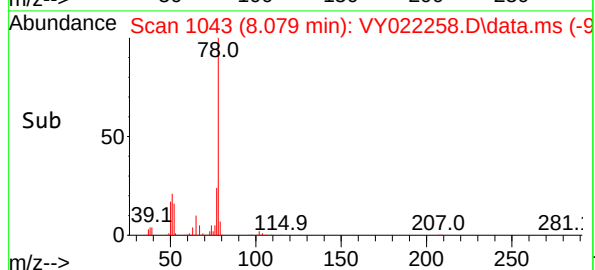
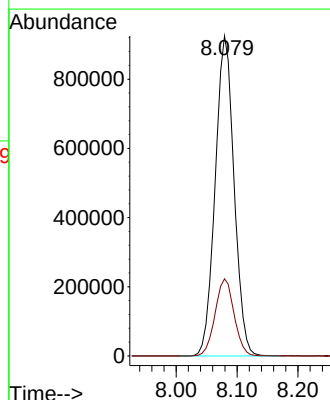
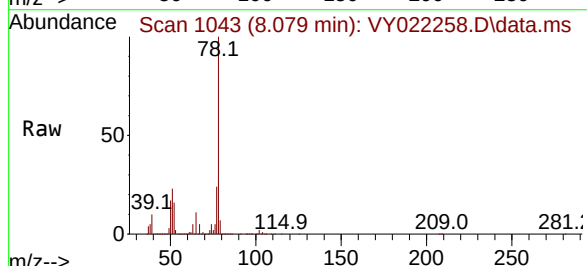
Acq: 15 May 2025 11:47

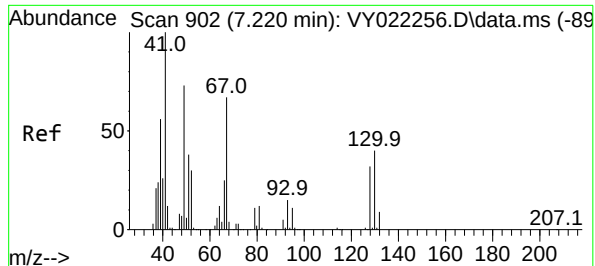
Tgt Ion: 78 Resp: 1987535

Ion Ratio Lower Upper

78 100

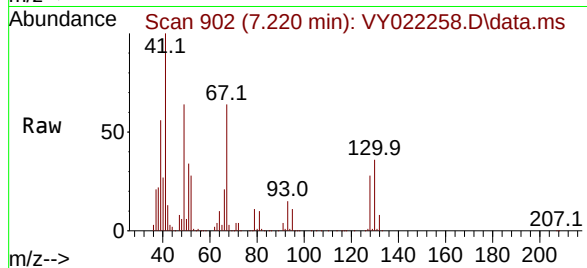
77 24.1 18.9 28.3





#41
Methacrylonitrile
Concen: 132.161 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

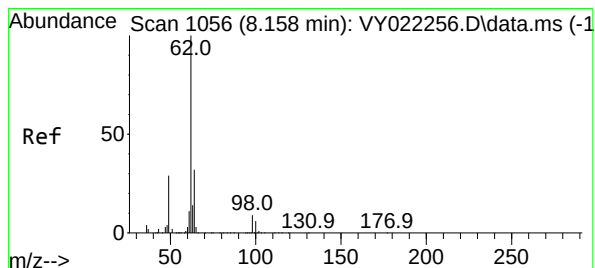
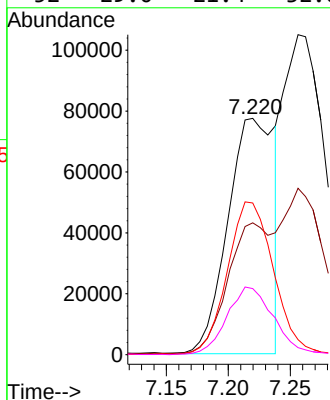
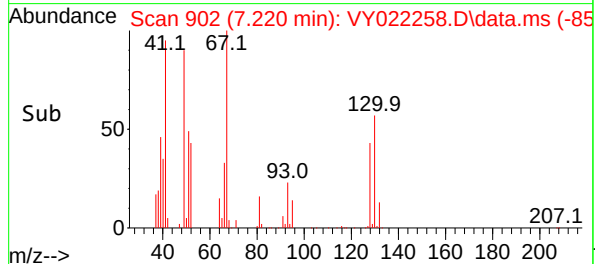
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 20260
Ion Ratio Lower Upper
41 100
39 47.7 39.1 58.7
67 64.4 47.1 70.7
52 29.0 21.4 32.0

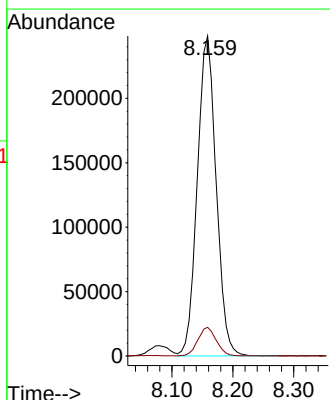
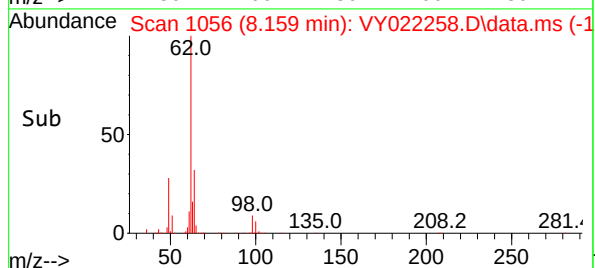
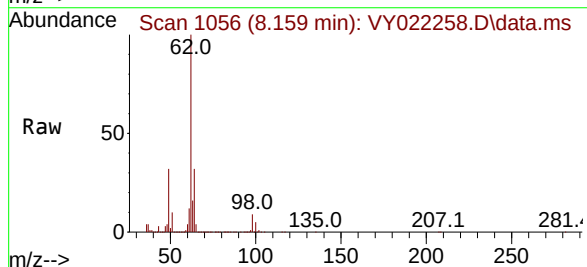
Manual Integrations
APPROVED

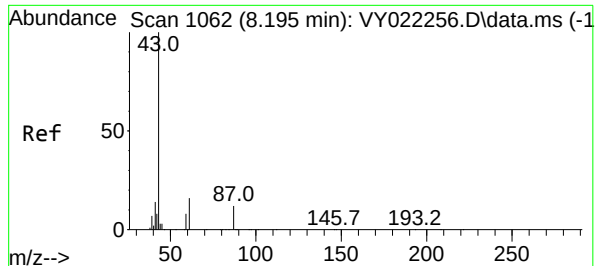
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 153.124 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

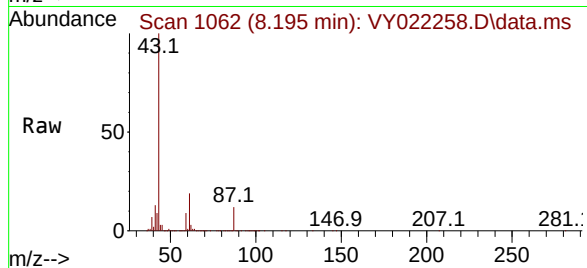
Tgt Ion: 62 Resp: 534517
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.4





#43
Isopropyl Acetate
Concen: 154.159 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

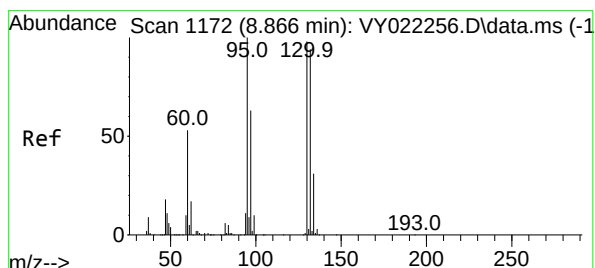
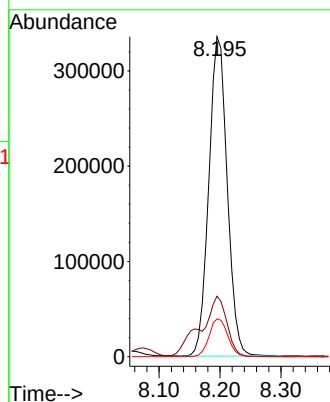
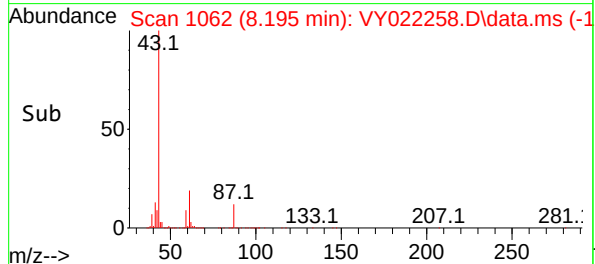
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 704360
Ion Ratio Lower Upper
43 100
61 27.0 15.1 22.7
87 12.0 9.7 14.5

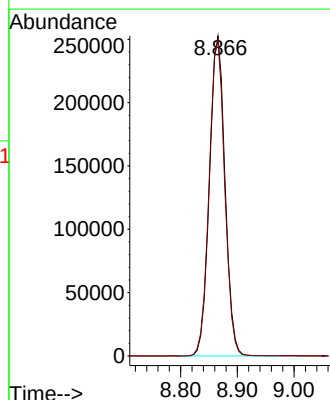
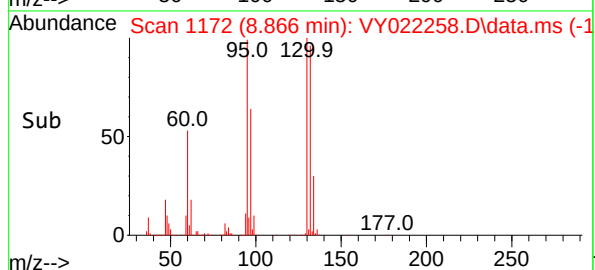
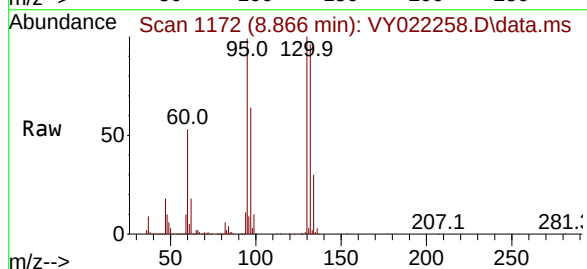
Manual Integrations
APPROVED

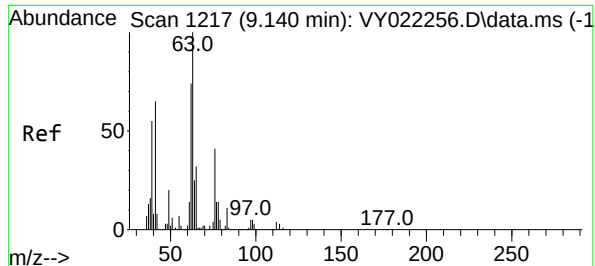
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 150.171 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:130 Resp: 481990
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 151.736 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 47221

Ion Ratio Lower Upper

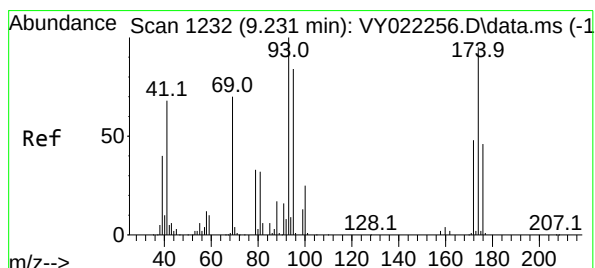
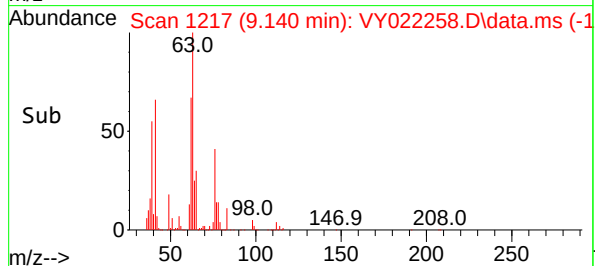
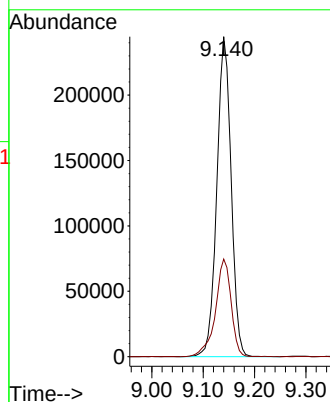
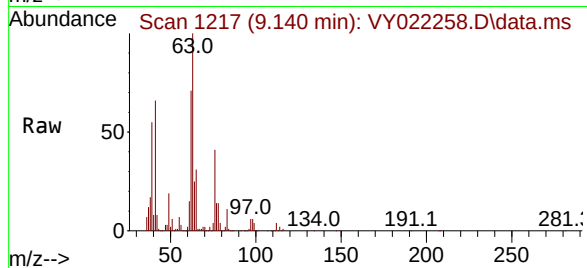
63 100

65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 153.757 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

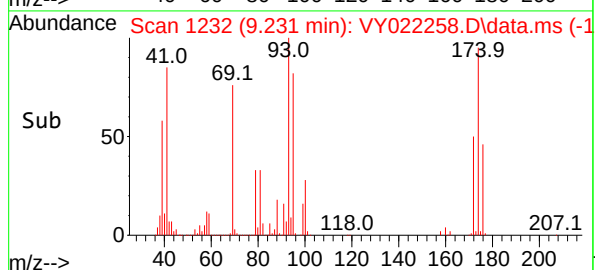
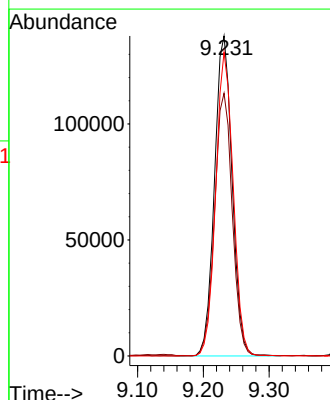
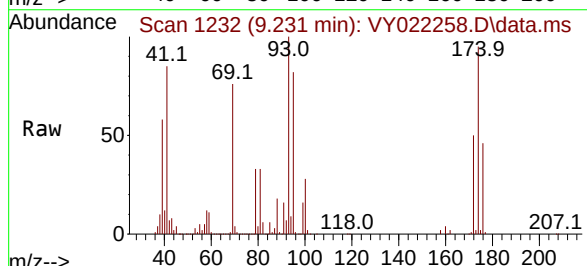
Tgt Ion: 93 Resp: 258087

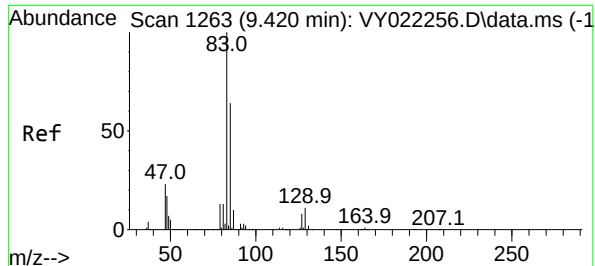
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

174 93.5 74.3 111.5





#47

Bromodichloromethane

Concen: 153.824 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 669834

Ion Ratio Lower Upper

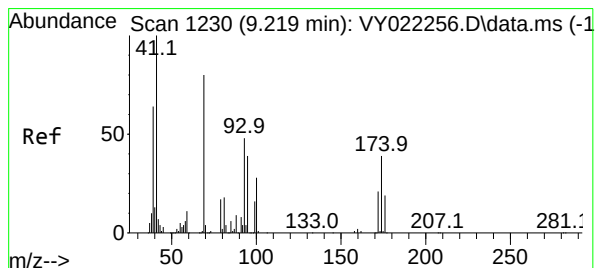
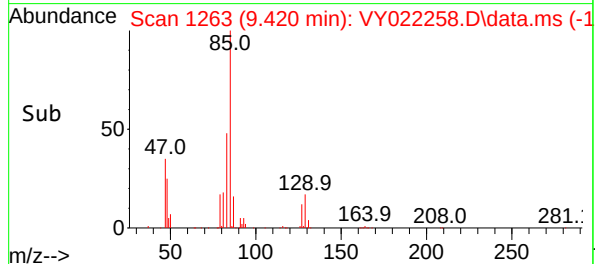
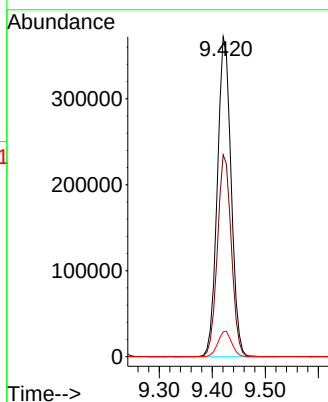
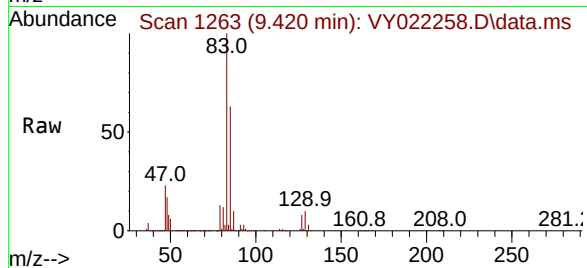
83 100

85 63.1 51.1 76.7

127 7.8 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#48

Methyl methacrylate

Concen: 161.060 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

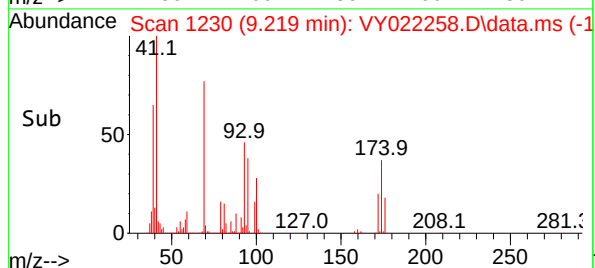
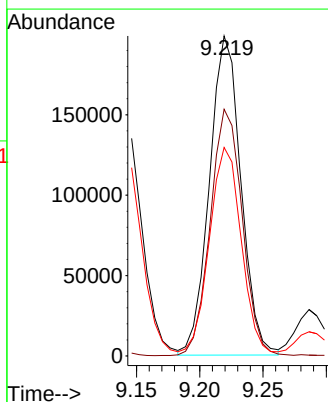
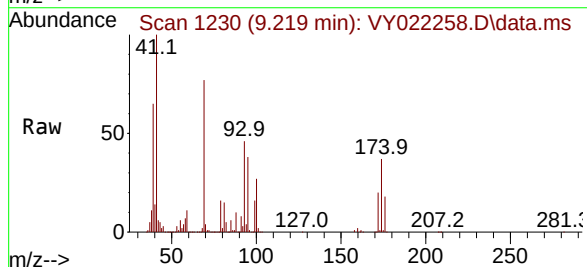
Tgt Ion: 41 Resp: 344147

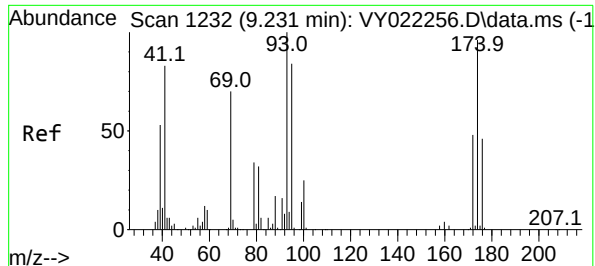
Ion Ratio Lower Upper

41 100

69 78.5 63.5 95.3

39 64.1 50.8 76.2





#49

1,4-Dioxane

Concen: 3217.888 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 61019

Ion Ratio Lower Upper

88 100

43 36.9 28.5 42.7

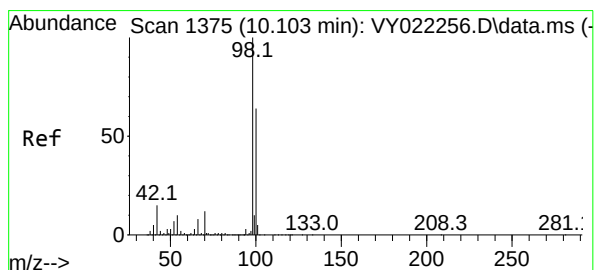
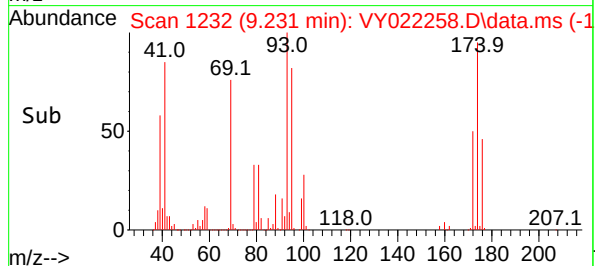
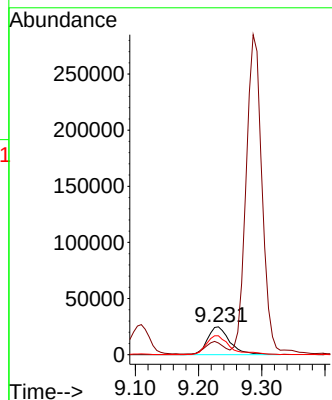
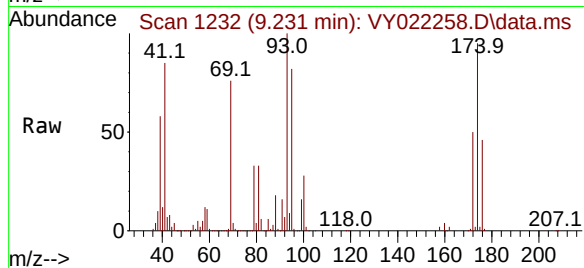
58 71.3 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 156.065 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022258.D

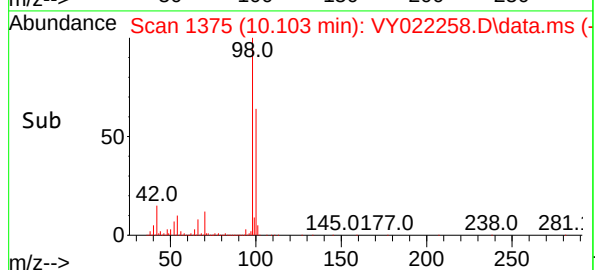
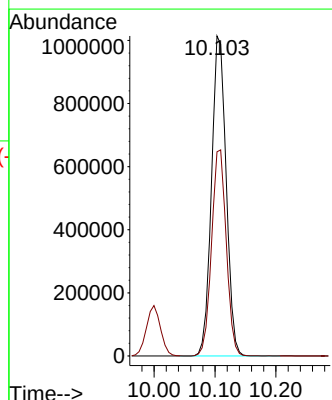
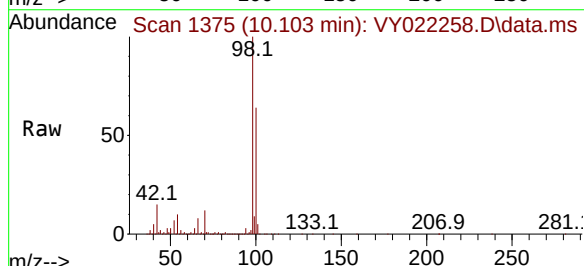
Acq: 15 May 2025 11:47

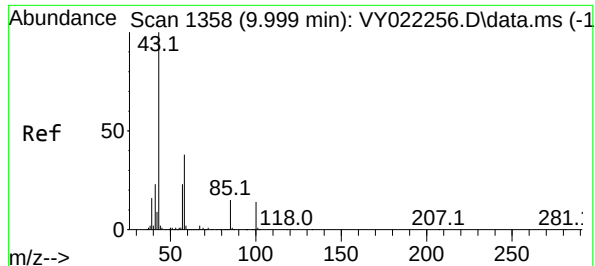
Tgt Ion: 98 Resp: 1689714

Ion Ratio Lower Upper

98 100

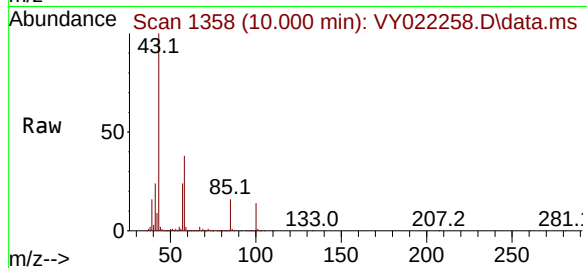
100 64.7 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 815.822 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

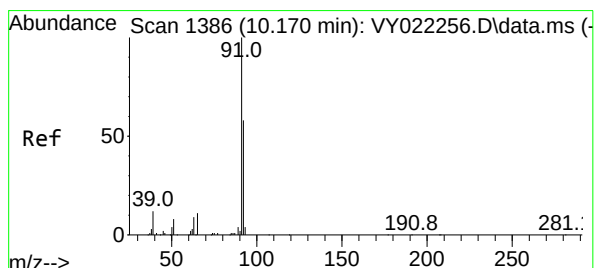
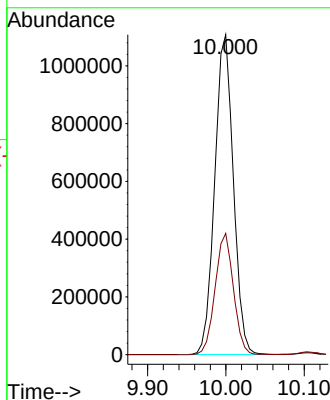
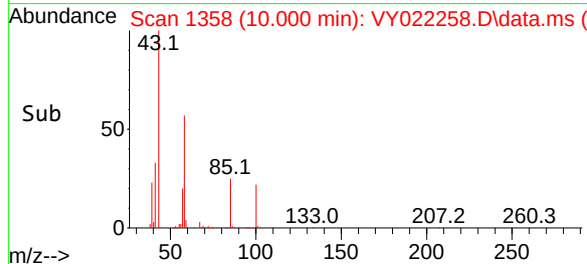
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1829015
Ion Ratio Lower Upper
43 100
58 37.3 29.4 44.2

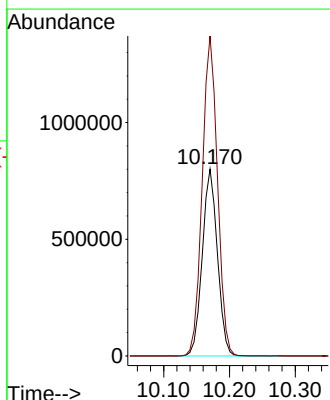
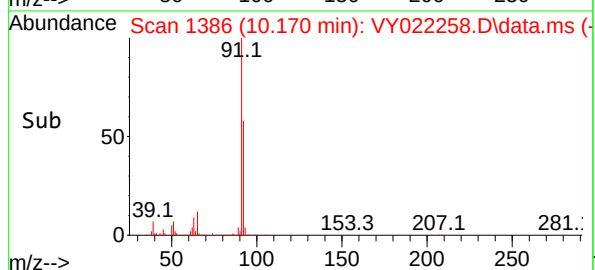
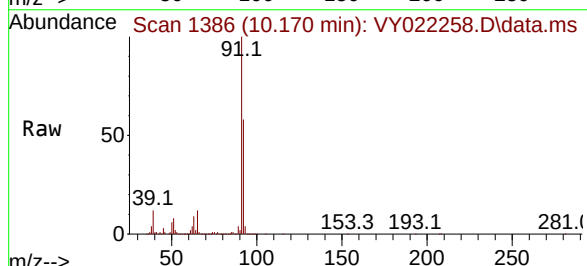
Manual Integrations
APPROVED

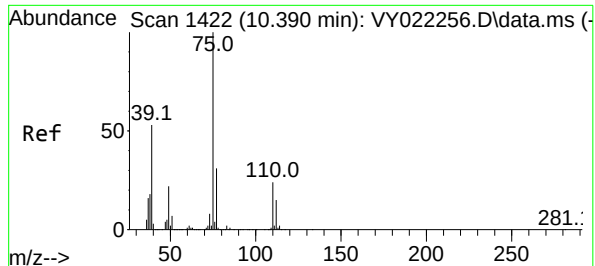
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 156.216 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 92 Resp: 1276917
Ion Ratio Lower Upper
92 100
91 173.1 139.1 208.7





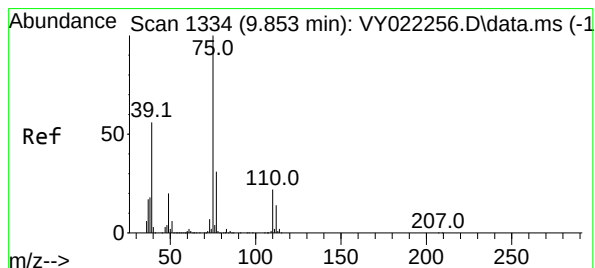
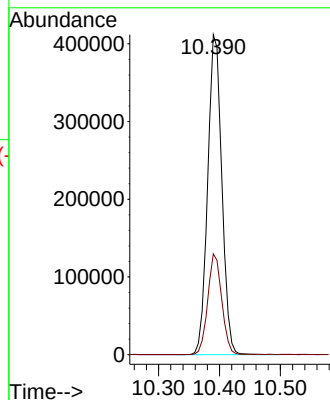
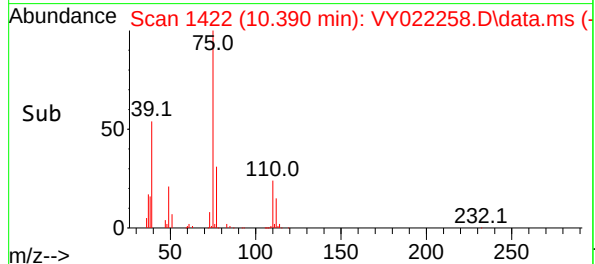
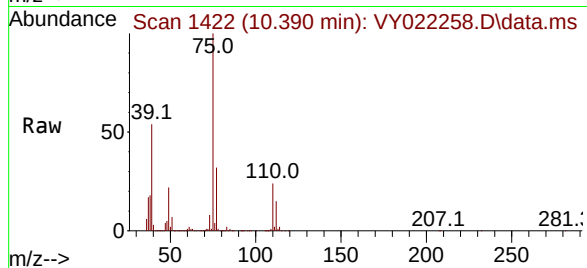
#53
t-1,3-Dichloropropene
Concen: 156.134 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 66351
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6

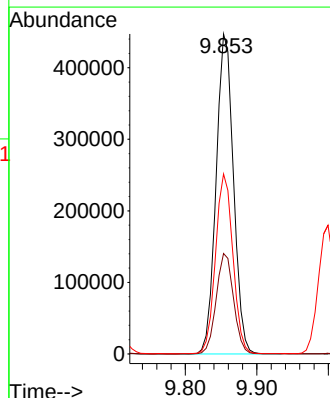
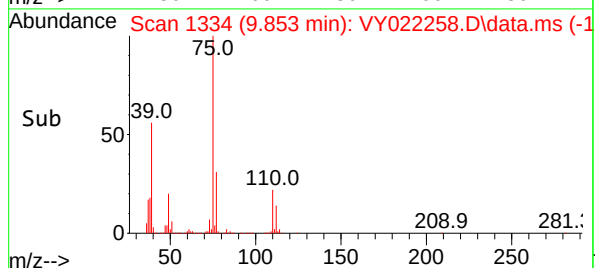
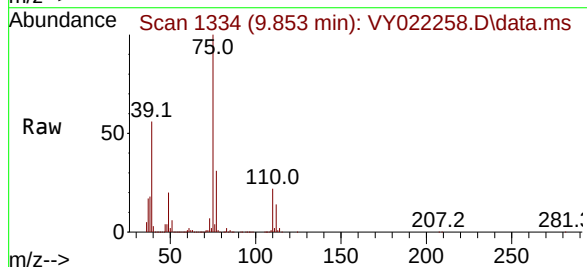
Manual Integrations
APPROVED

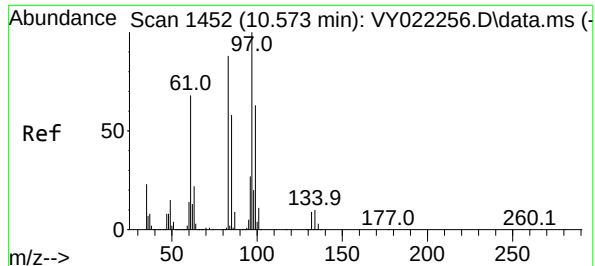
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 154.963 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

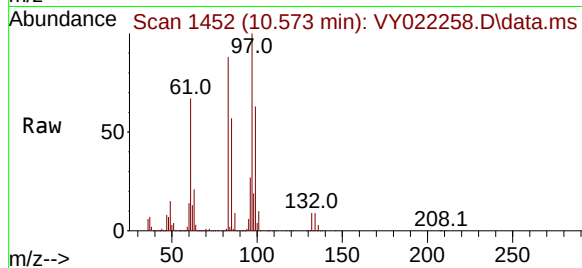
Tgt Ion: 75 Resp: 754493
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 56.2 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 153.863 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

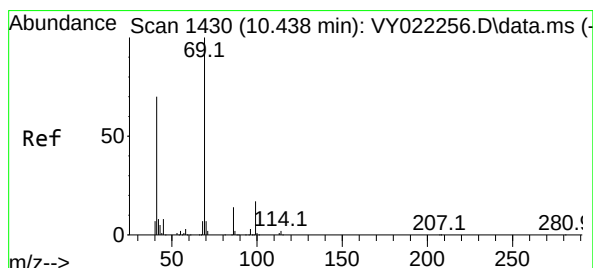
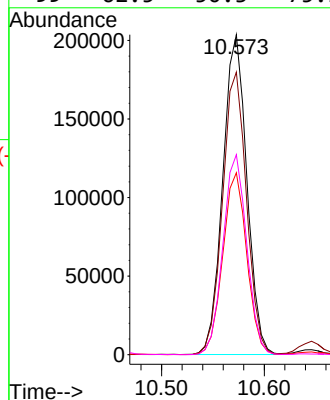
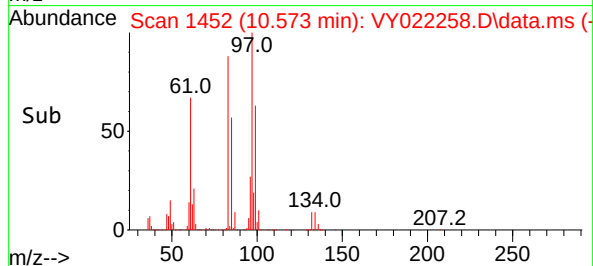
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 97 Resp: 330710
Ion Ratio Lower Upper
97 100
83 88.2 70.3 105.5
85 56.8 46.2 69.4
99 62.5 50.3 75.5

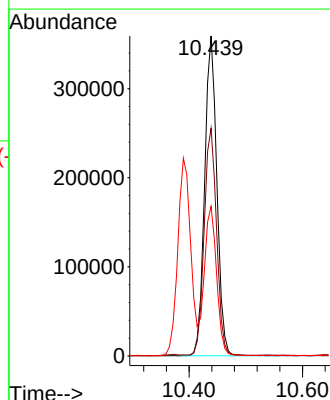
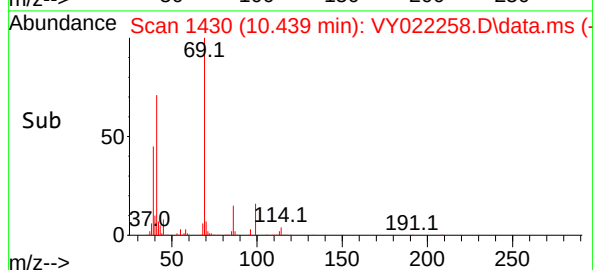
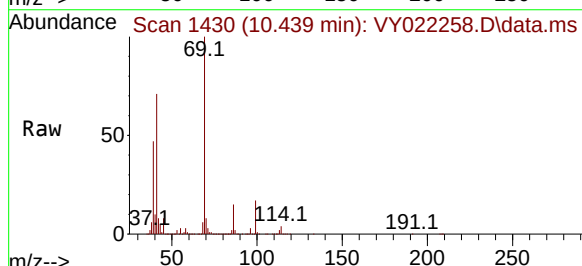
Manual Integrations
APPROVED

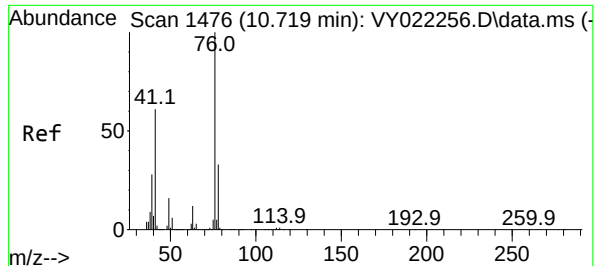
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#56
Ethyl methacrylate
Concen: 160.058 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

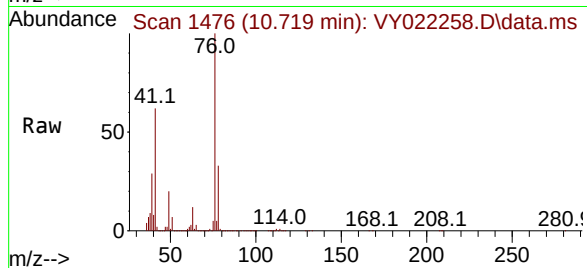
Tgt Ion: 69 Resp: 535897
Ion Ratio Lower Upper
69 100
41 72.0 56.5 84.7
39 46.8 37.1 55.7





#57
1,3-Dichloropropane
Concen: 152.987 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

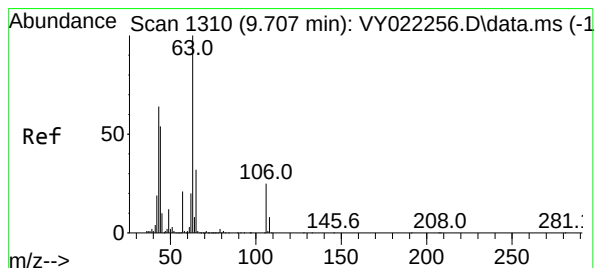
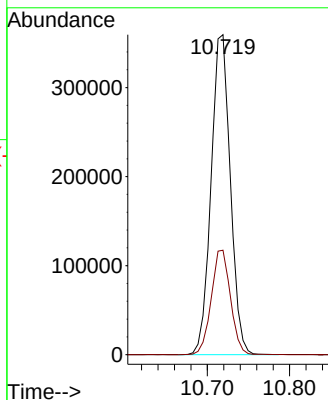
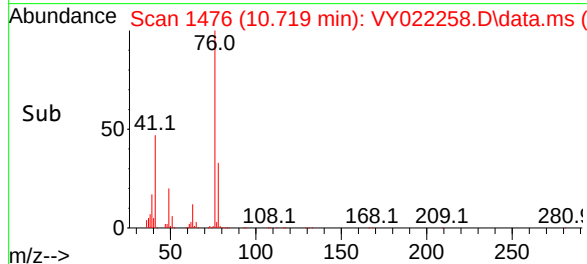
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 58425
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

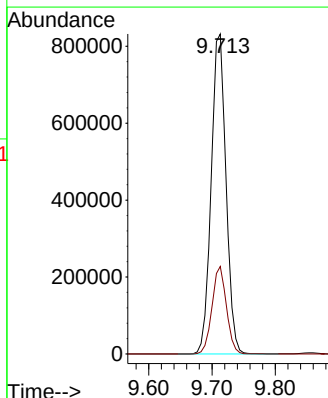
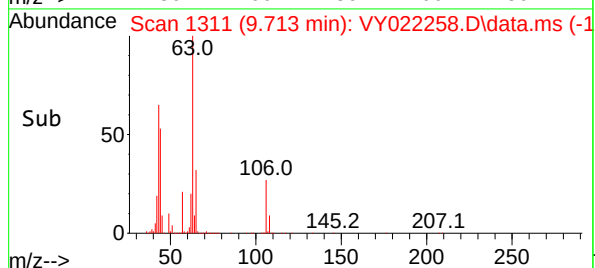
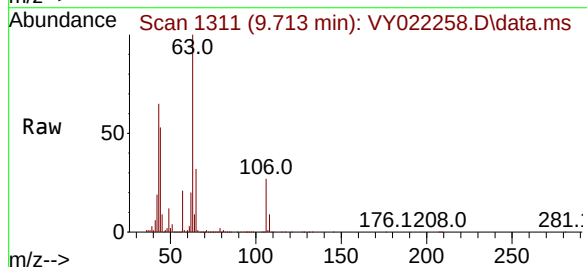
Manual Integrations
APPROVED

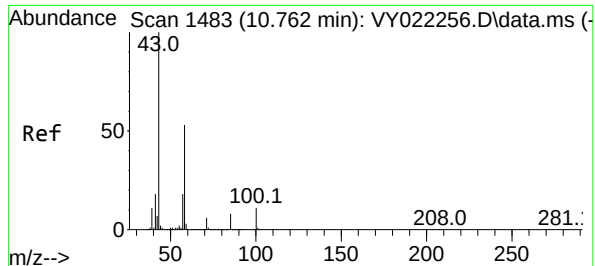
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 898.675 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

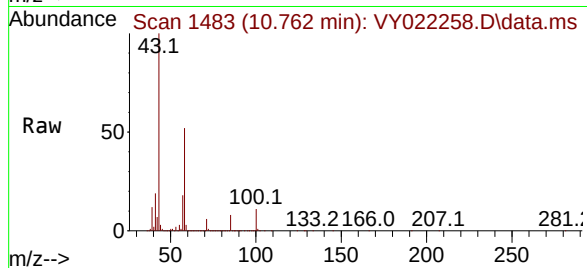
Tgt Ion: 63 Resp: 1350536
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.4





#59
2-Hexanone
Concen: 816.860 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

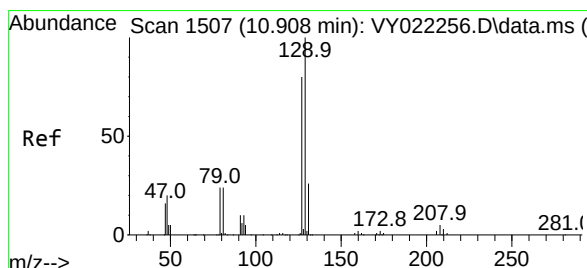
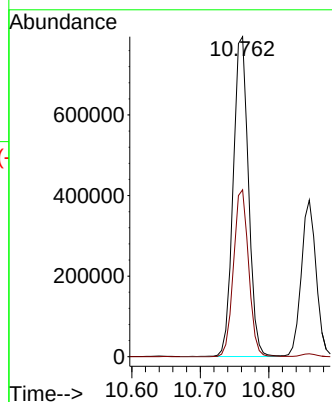
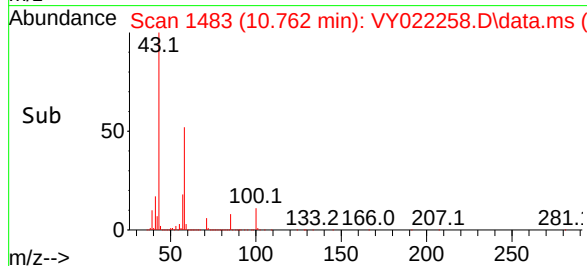
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 122788
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.3

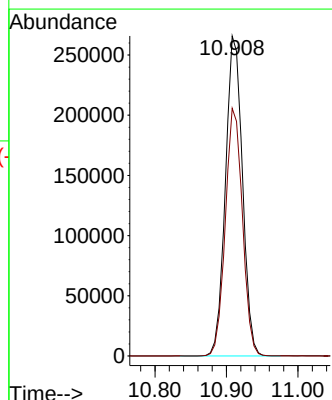
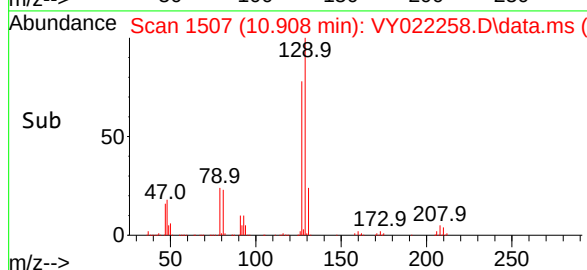
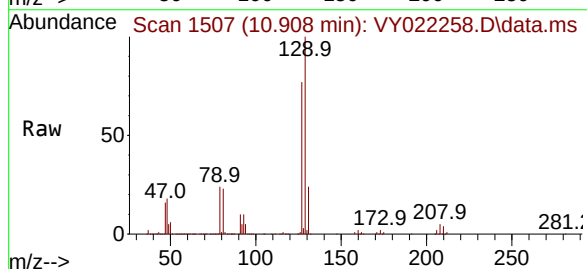
Manual Integrations
APPROVED

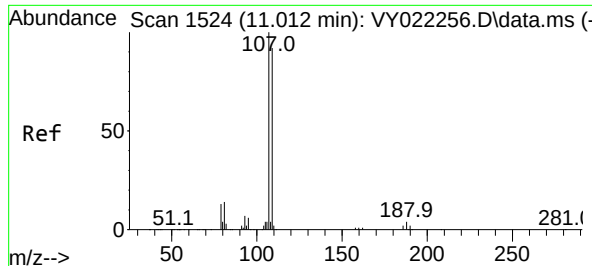
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 157.237 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

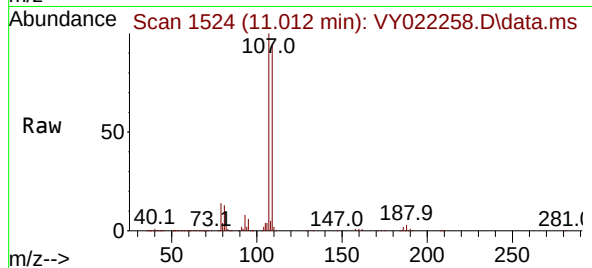
Tgt Ion:129 Resp: 438666
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 154.008 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

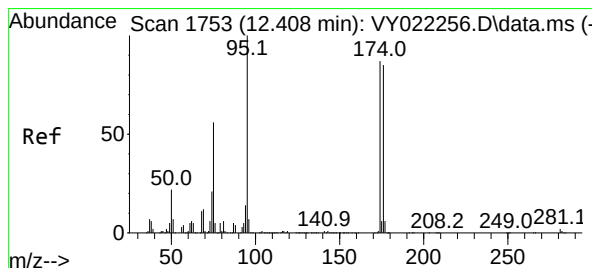
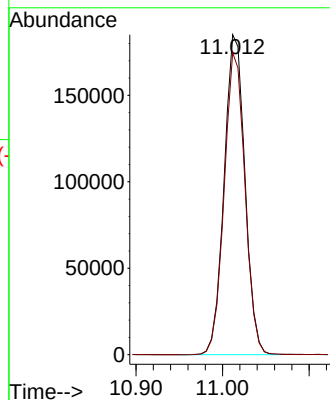
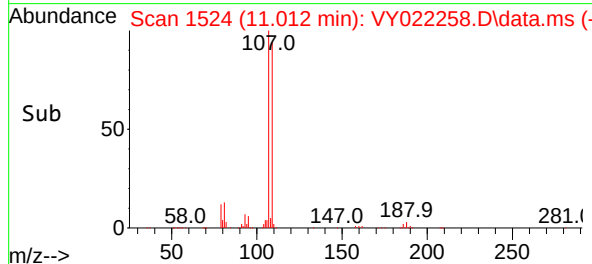
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 308529
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8

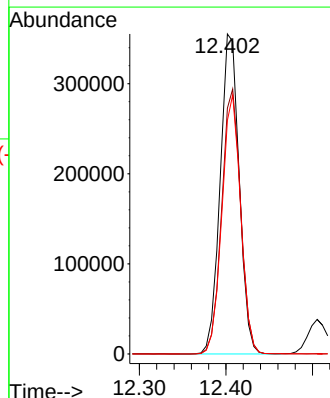
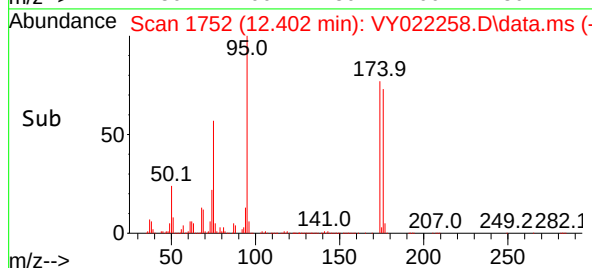
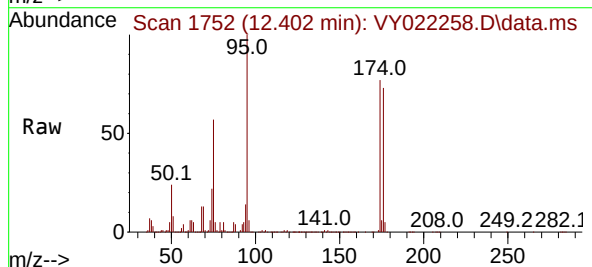
Manual Integrations
APPROVED

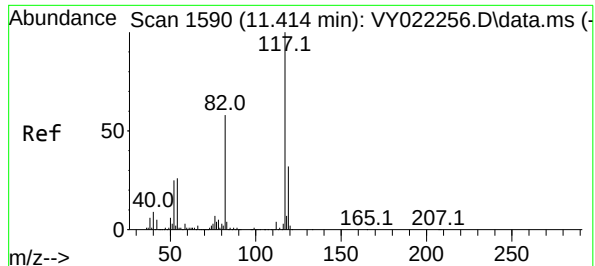
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 157.751 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

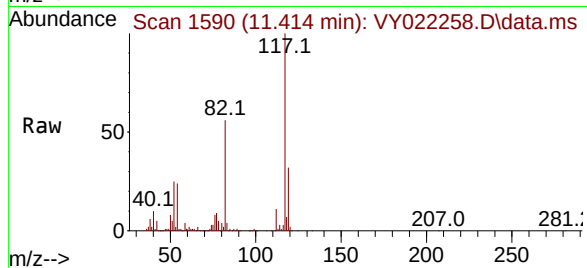
Tgt Ion: 95 Resp: 541367
Ion Ratio Lower Upper
95 100
174 82.5 0.0 166.8
176 79.8 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

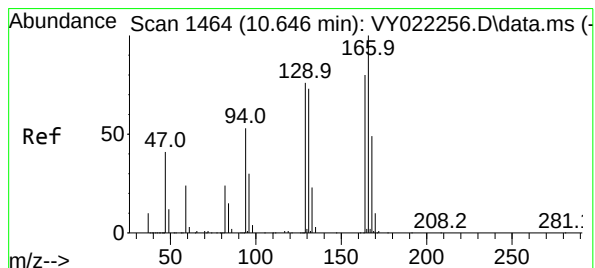
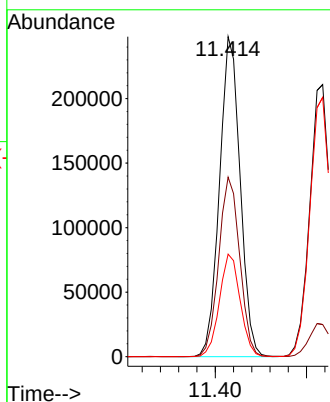
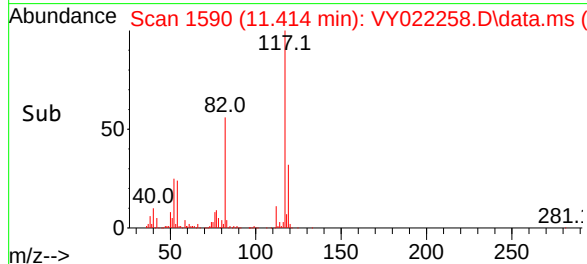
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



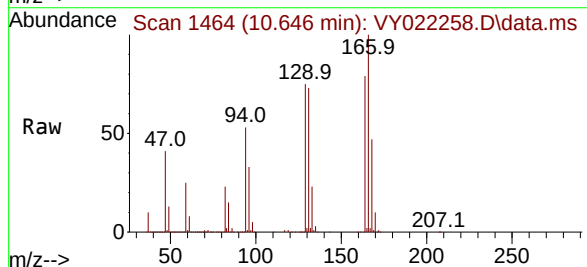
Tgt Ion:117 Resp: 389769
Ion Ratio Lower Upper
117 100
82 56.0 46.6 70.0
119 32.0 25.8 38.6

Manual Integrations
APPROVED

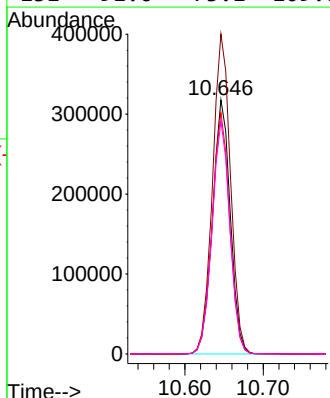
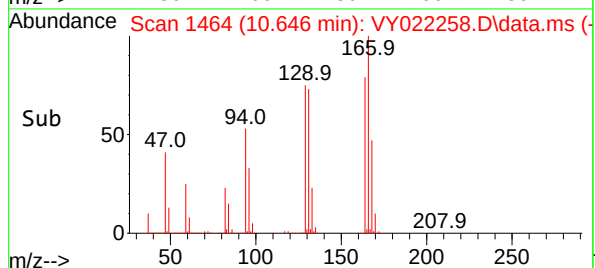
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

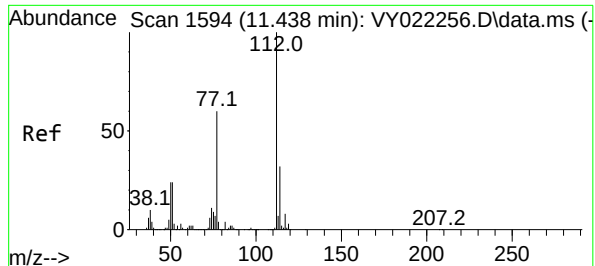


#64
Tetrachloroethene
Concen: 139.237 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



Tgt Ion:164 Resp: 501627
Ion Ratio Lower Upper
164 100
166 125.9 100.4 150.6
129 94.9 76.4 114.6
131 91.6 73.1 109.7





#65

Chlorobenzene

Concen: 151.997 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:112 Resp: 1336594

Ion Ratio Lower Upper

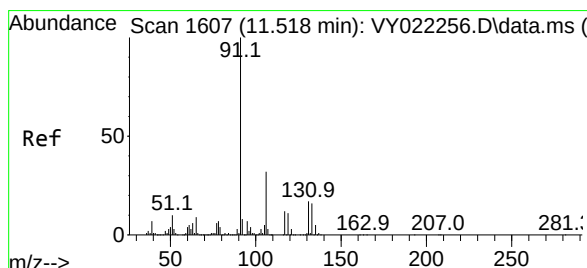
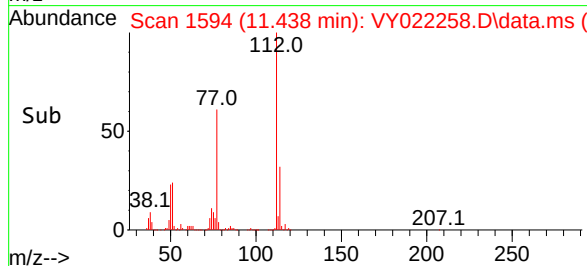
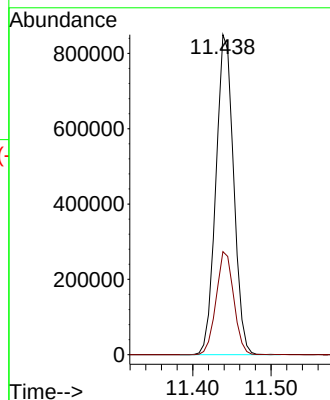
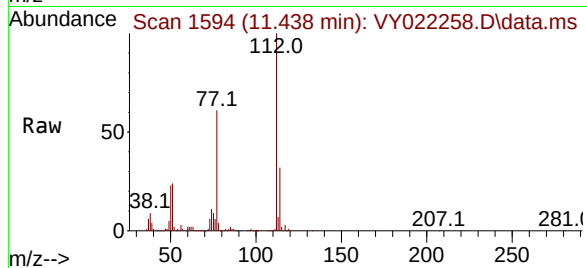
112 100

114 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 158.952 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

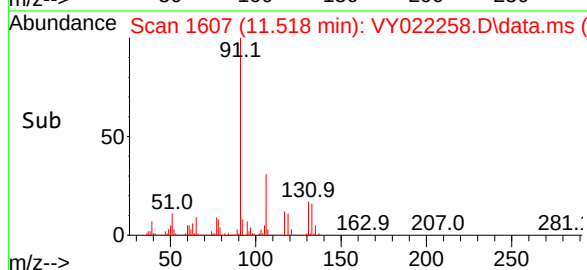
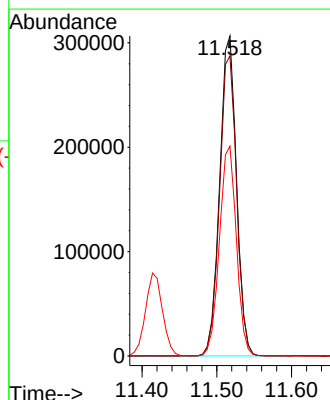
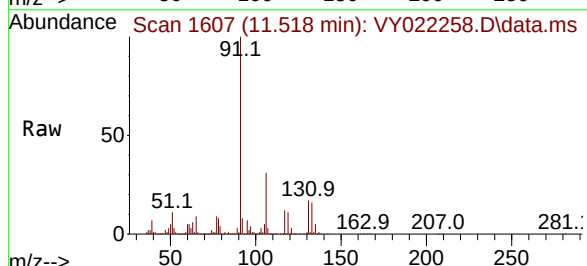
Tgt Ion:131 Resp: 480525

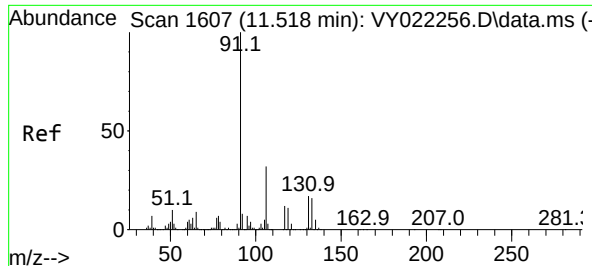
Ion Ratio Lower Upper

131 100

133 95.2 47.3 141.9

119 66.2 33.1 99.2





#67

Ethyl Benzene

Concen: 157.756 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 259802

Ion Ratio Lower Upper

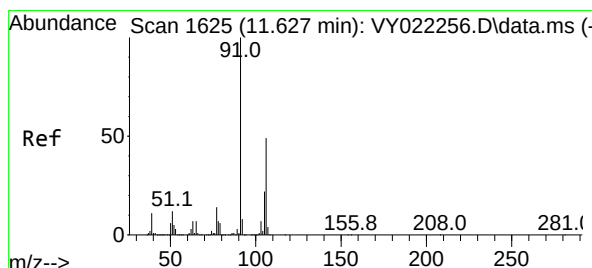
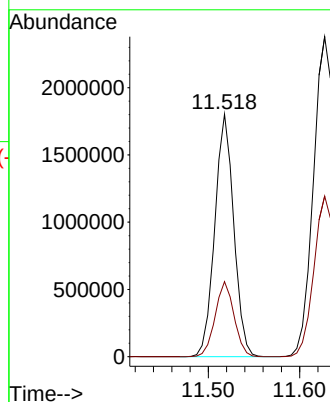
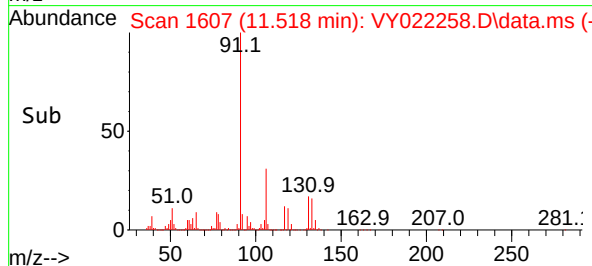
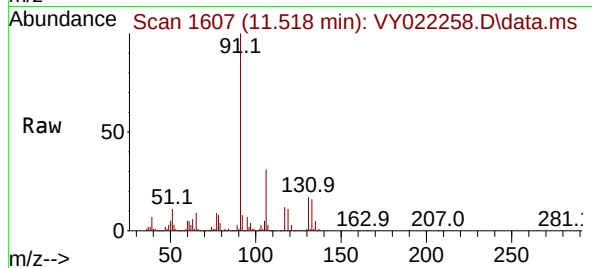
91 100

106 30.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#68

m/p-Xylenes

Concen: 321.066 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022258.D

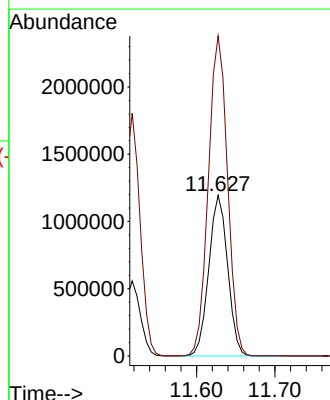
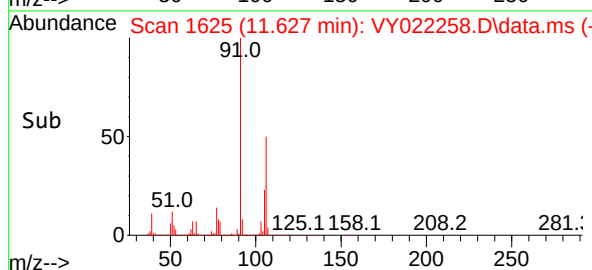
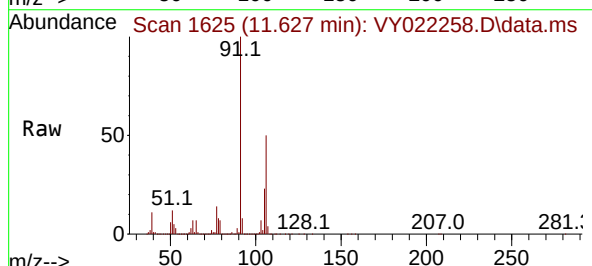
Acq: 15 May 2025 11:47

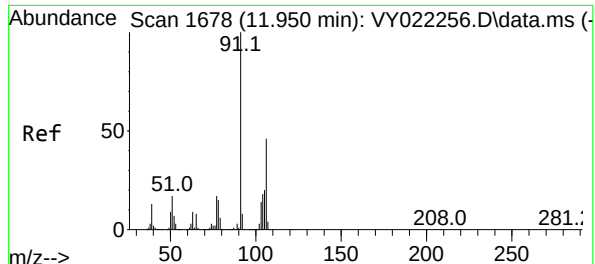
Tgt Ion:106 Resp: 1992413

Ion Ratio Lower Upper

106 100

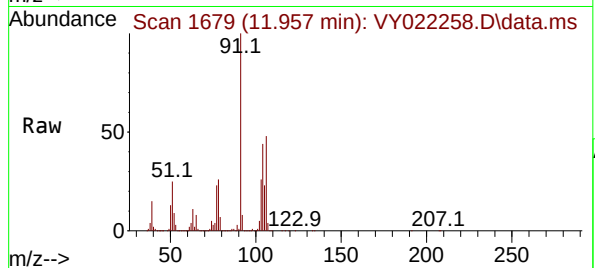
91 202.7 163.0 244.4





#69
o-Xylene
Concen: 159.714 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

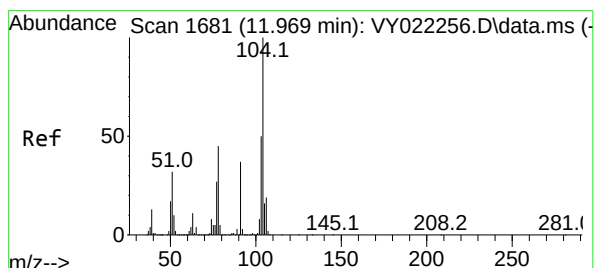
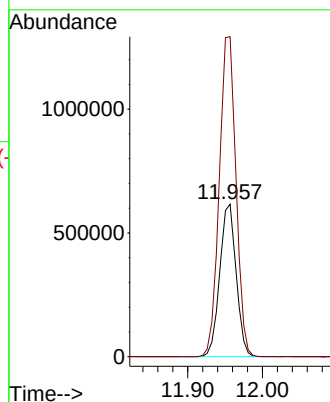
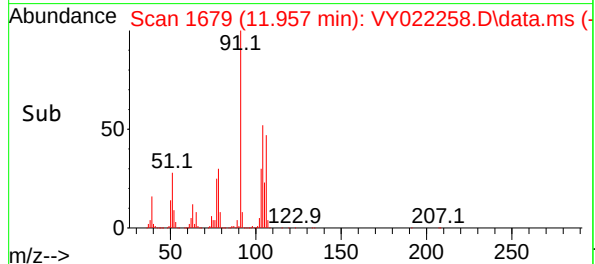
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 93772
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8

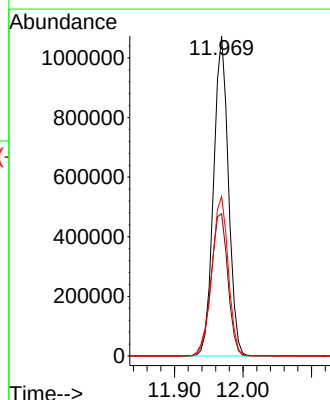
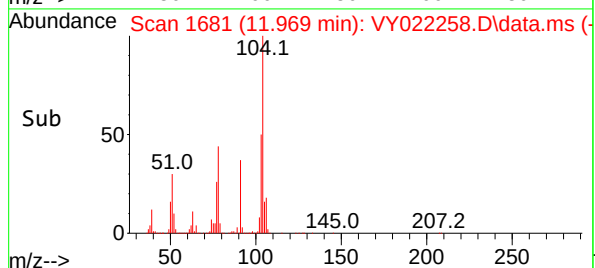
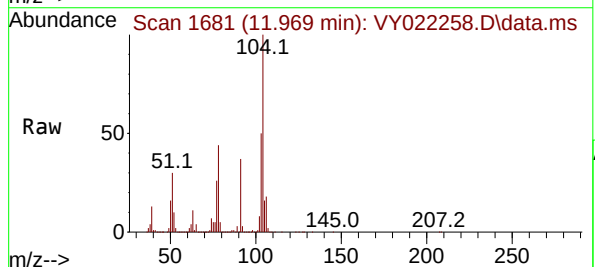
Manual Integrations
APPROVED

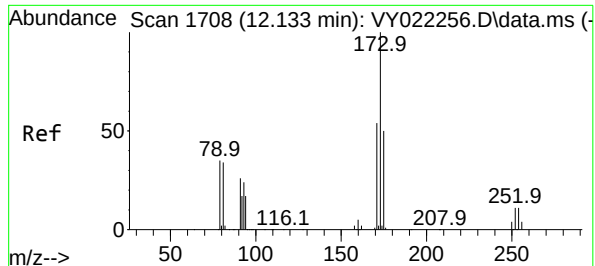
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 162.944 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

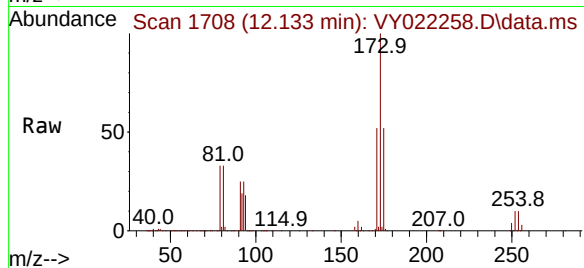
Tgt Ion:104 Resp: 1613798
Ion Ratio Lower Upper
104 100
78 50.8 40.9 61.3
103 54.7 43.7 65.5





#71
Bromoform
Concen: 155.818 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

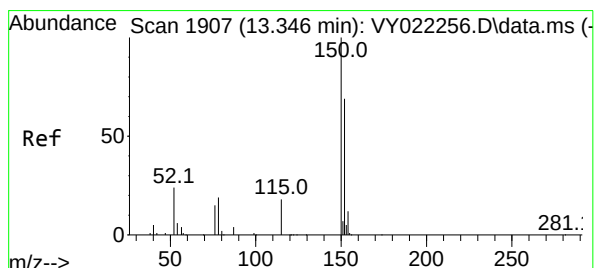
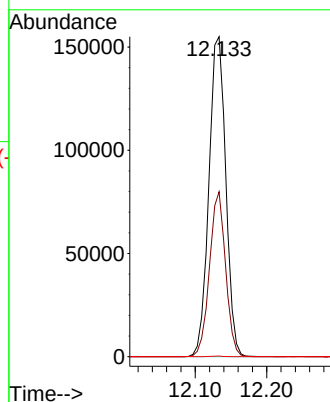
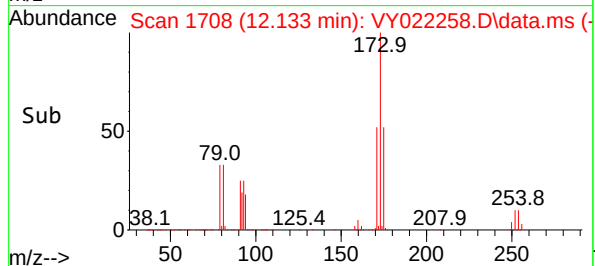
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



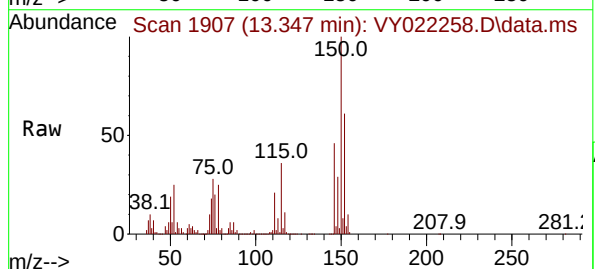
Tgt Ion:173 Resp: 25425
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.1 0.0 0.0

Manual Integrations
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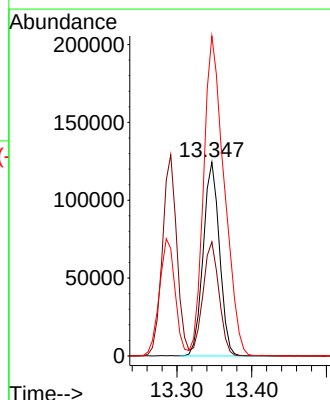
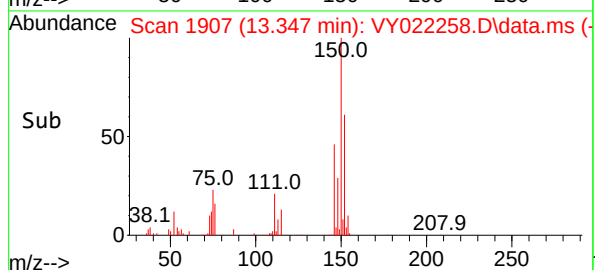
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

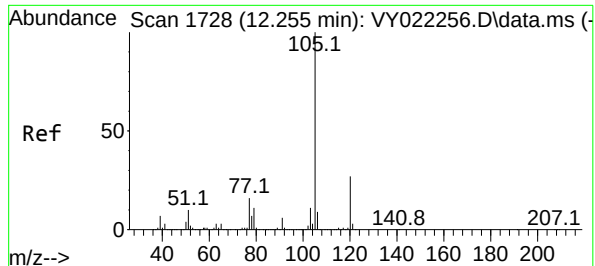


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



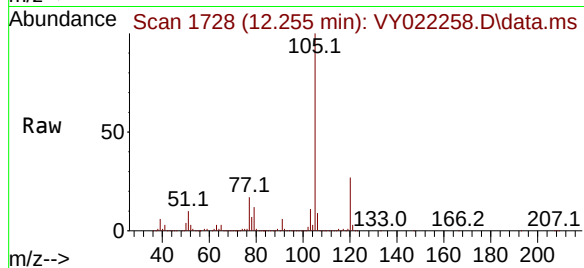
Tgt Ion:152 Resp: 187978
Ion Ratio Lower Upper
152 100
115 58.1 29.4 88.2
150 208.7 0.0 353.8





#73
Isopropylbenzene
Concen: 151.387 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

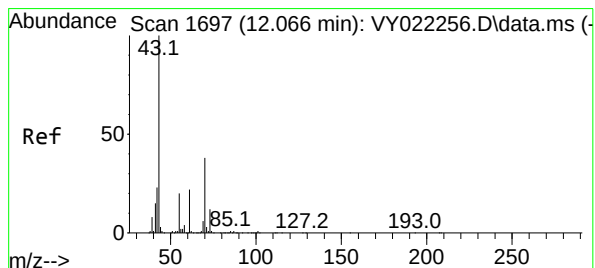
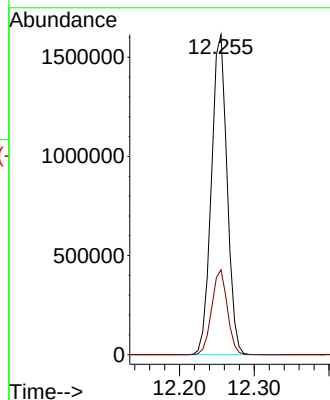
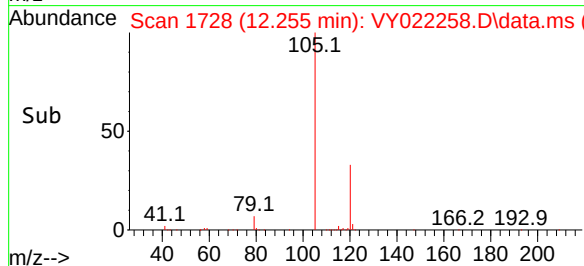
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp: 235756
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

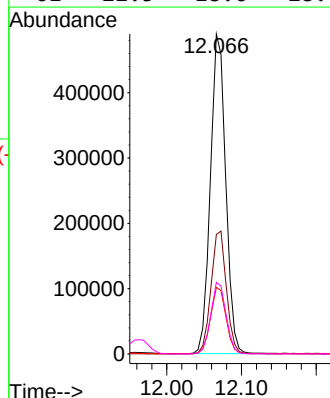
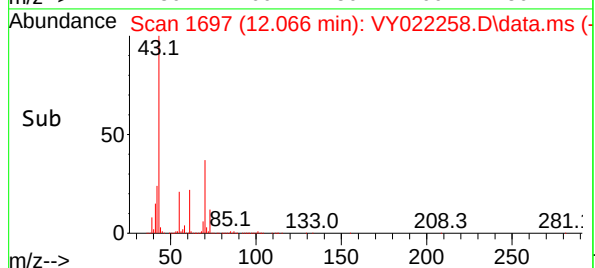
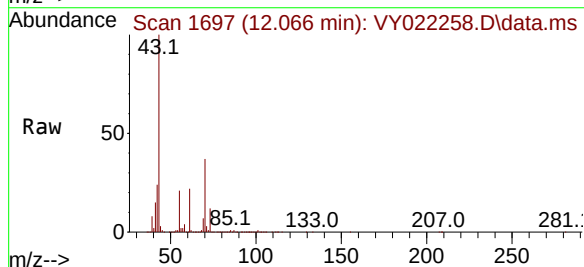
Manual Integrations
APPROVED

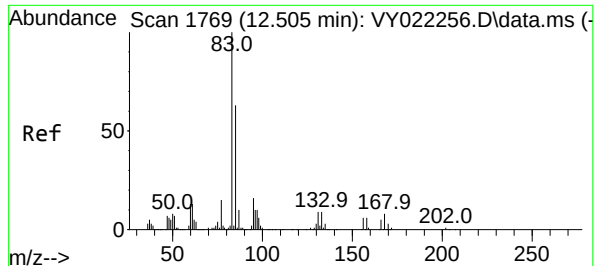
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#74
N-ethyl acetate
Concen: 156.041 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

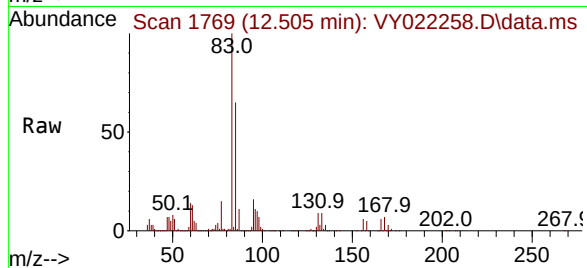
Tgt Ion: 43 Resp: 694999
Ion Ratio Lower Upper
43 100
70 38.7 31.4 47.0
55 21.0 17.0 25.6
61 22.5 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 156.735 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

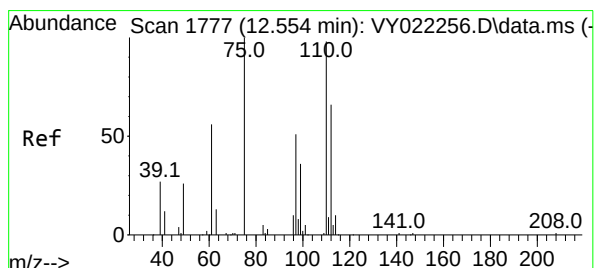
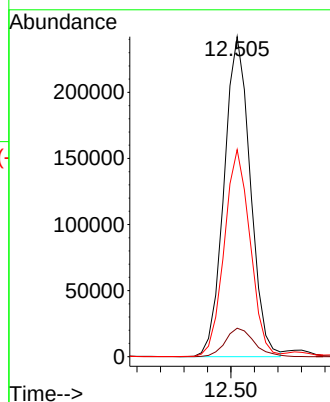
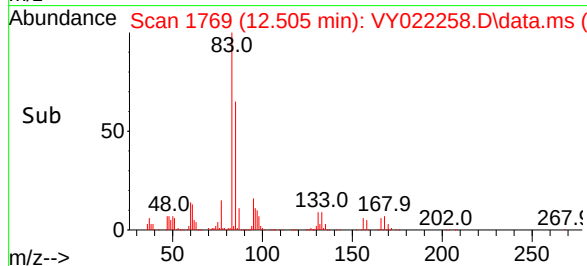
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 375378
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 63.8 32.0 96.0

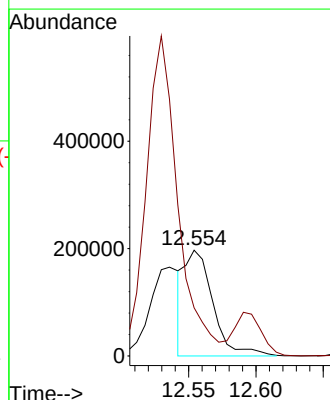
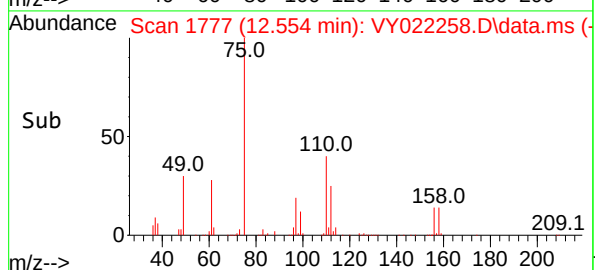
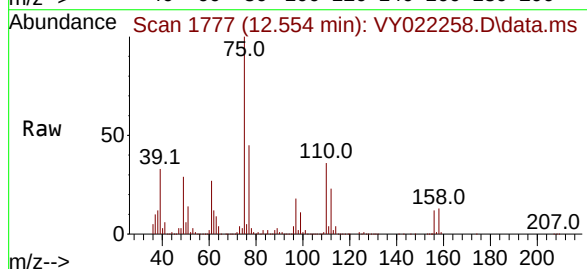
Manual Integrations
APPROVED

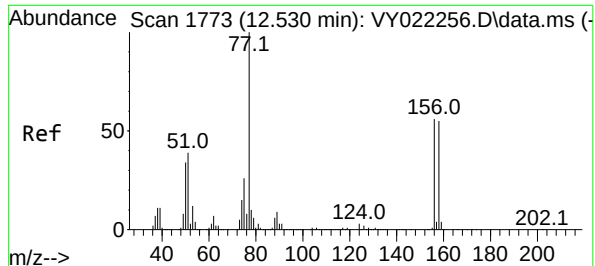
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76
1,2,3-Trichloropropane
Concen: 87.525 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

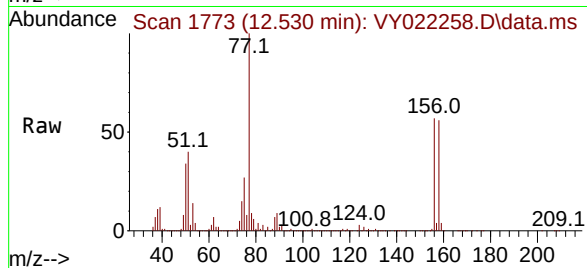
Tgt Ion: 75 Resp: 289968
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 153.206 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

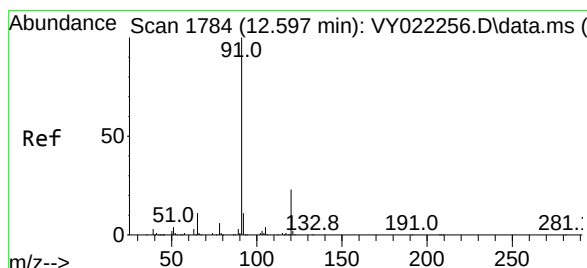
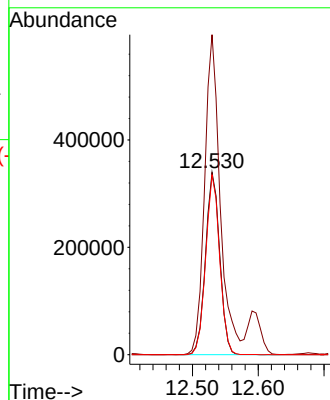
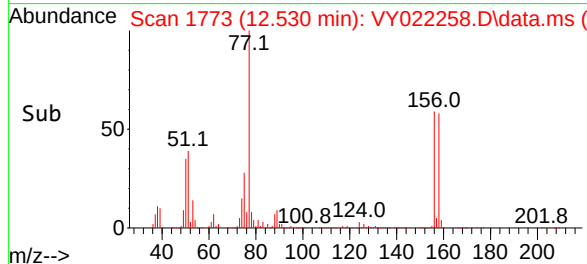
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 156 Resp: 509579
Ion Ratio Lower Upper
156 100
77 191.5 94.5 283.6
158 97.3 48.4 145.3

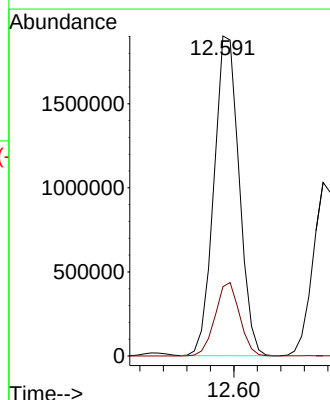
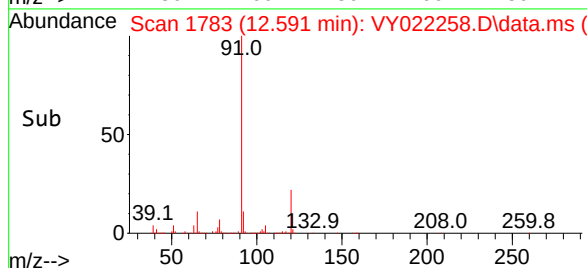
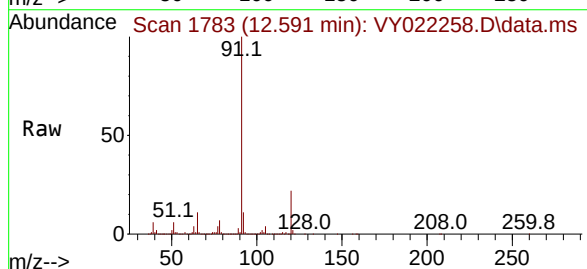
Manual Integrations
APPROVED

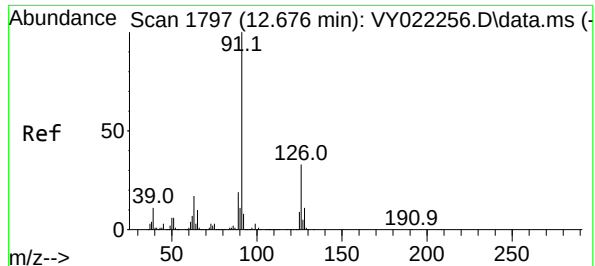
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 150.276 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 91 Resp: 2822794
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 151.415 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1563000

Ion Ratio Lower Upper

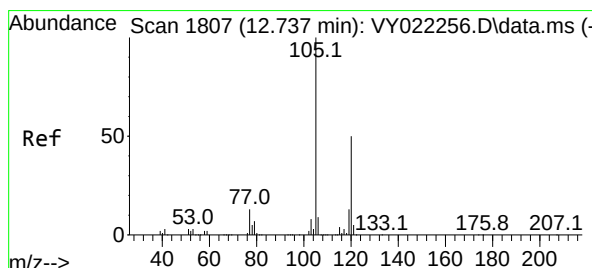
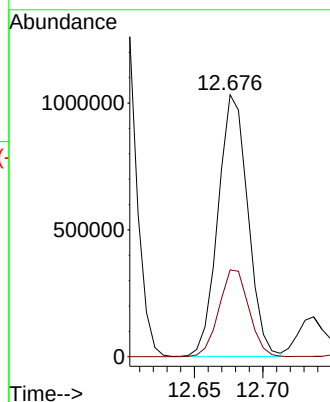
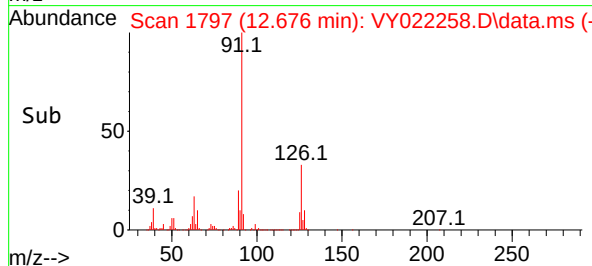
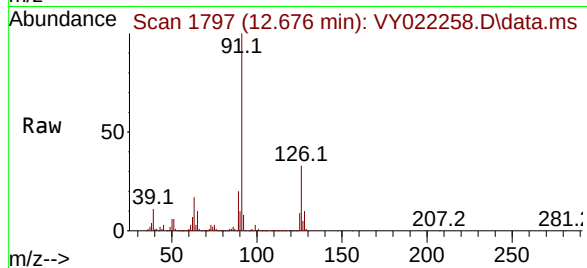
91 100

126 33.4 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 150.219 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022258.D

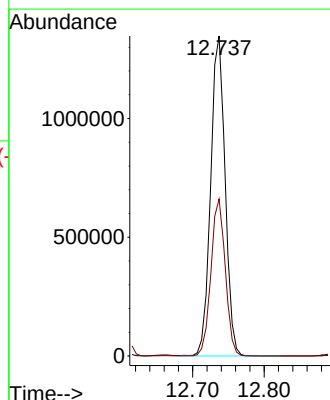
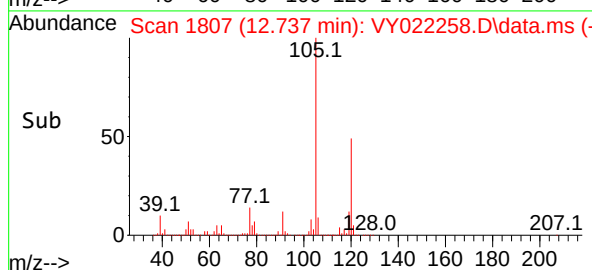
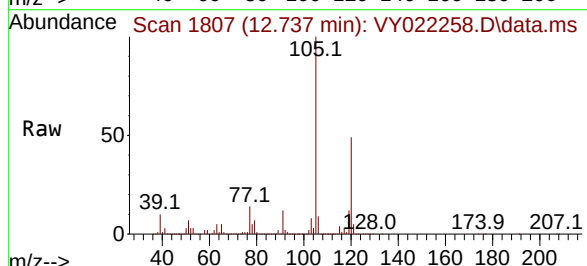
Acq: 15 May 2025 11:47

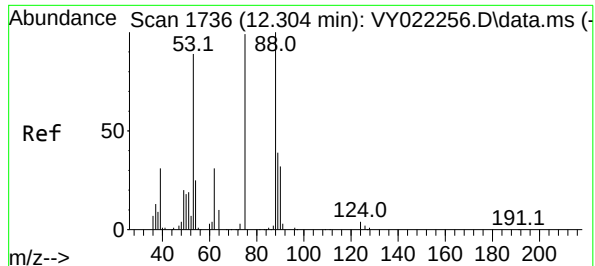
Tgt Ion:105 Resp: 1888432

Ion Ratio Lower Upper

105 100

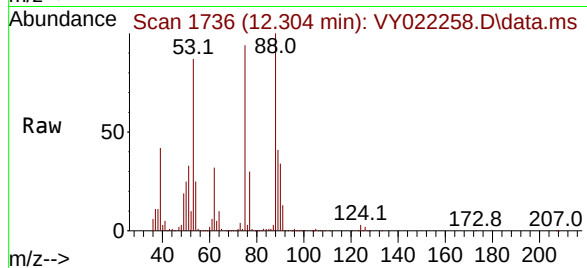
120 48.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 148.846 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

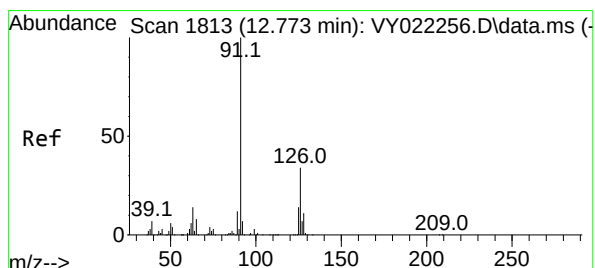
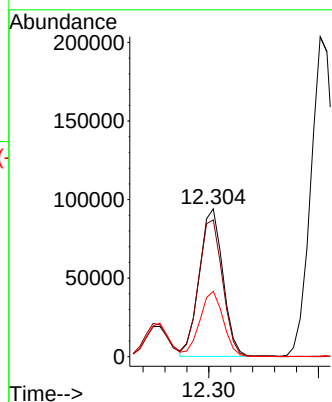
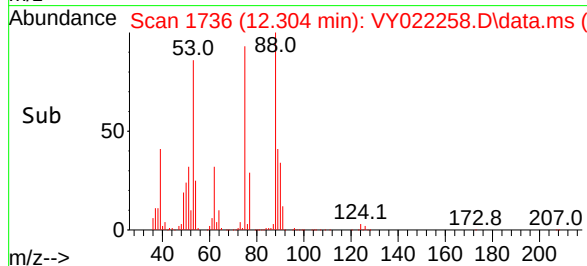
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 13993
Ion Ratio Lower Upper
75 100
53 95.1 75.8 113.8
89 44.4 36.2 54.2

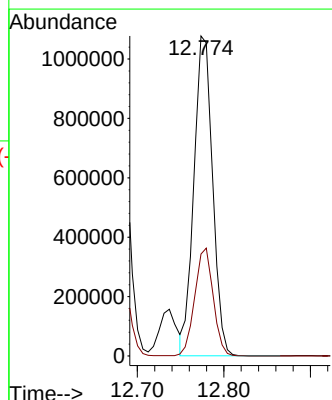
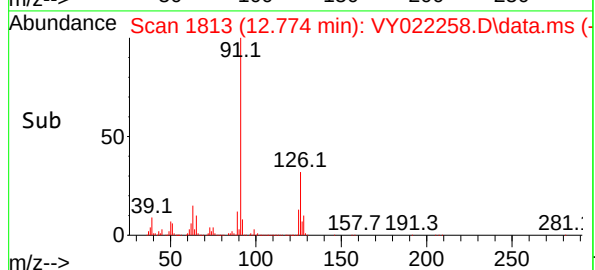
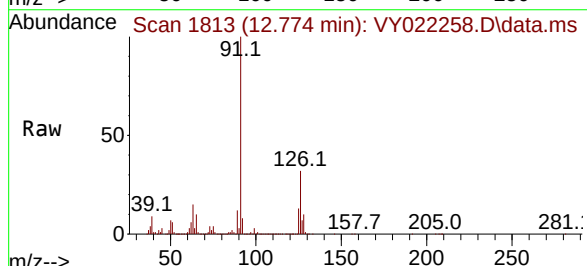
Manual Integrations
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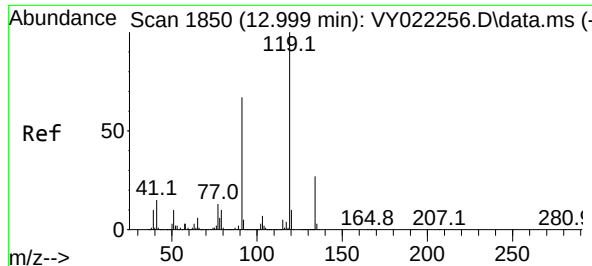
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 152.250 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

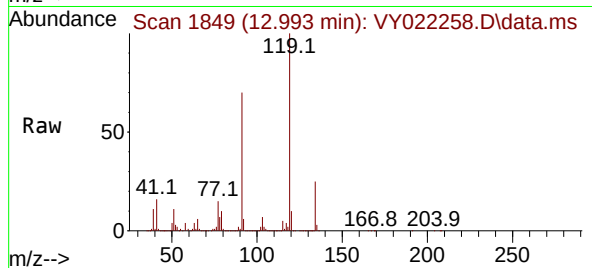
Tgt Ion: 91 Resp: 1616520
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4





#83
tert-Butylbenzene
Concen: 152.144 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

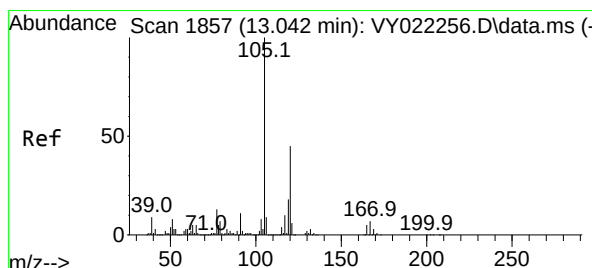
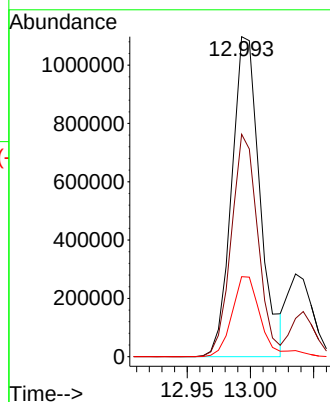
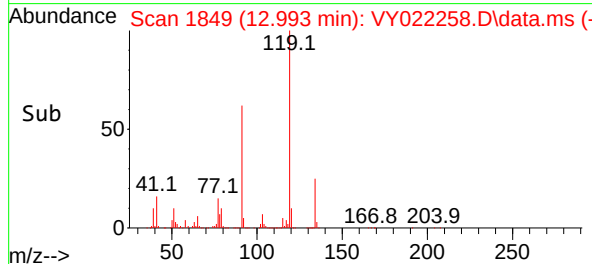
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 1699962
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.3
134 25.9 12.9 38.6

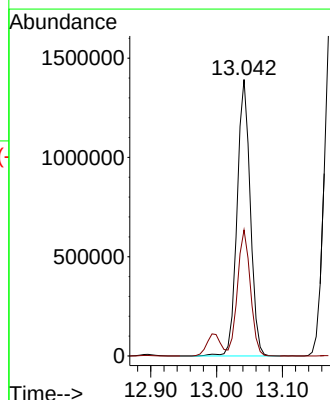
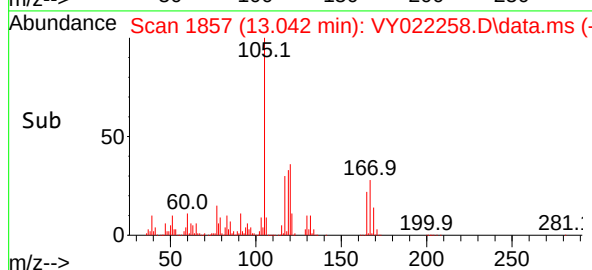
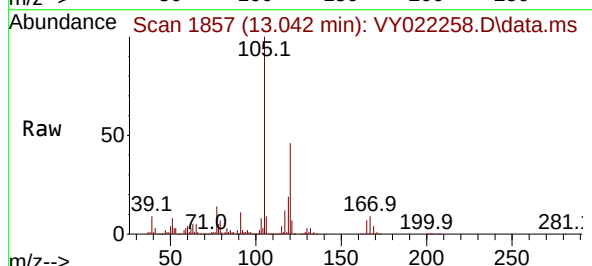
Manual Integrations
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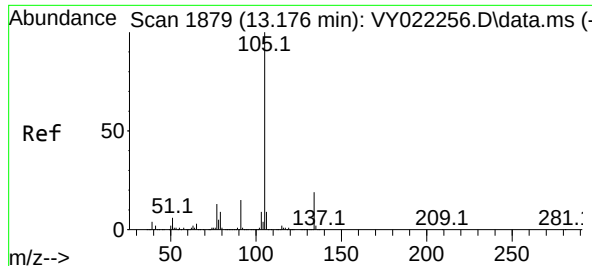
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#84
1,2,4-Trimethylbenzene
Concen: 155.030 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

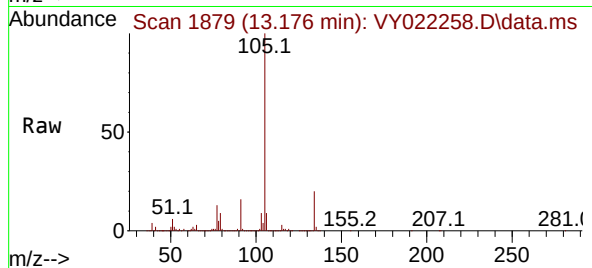
Tgt Ion:105 Resp: 1934641
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9





#85
sec-Butylbenzene
Concen: 150.330 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

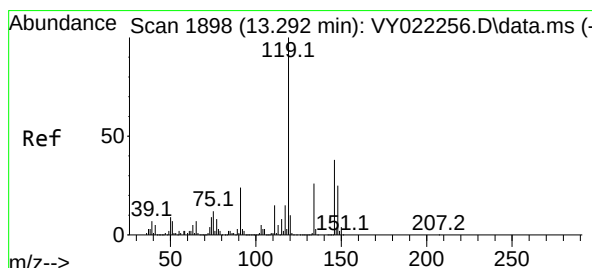
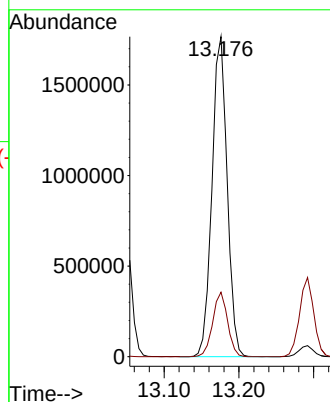
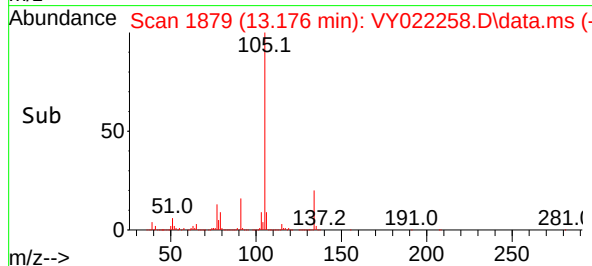
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 249339
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.5

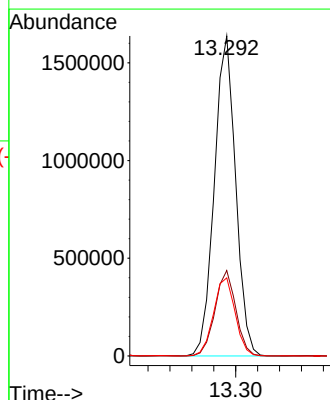
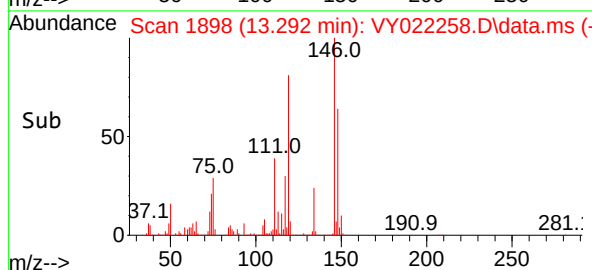
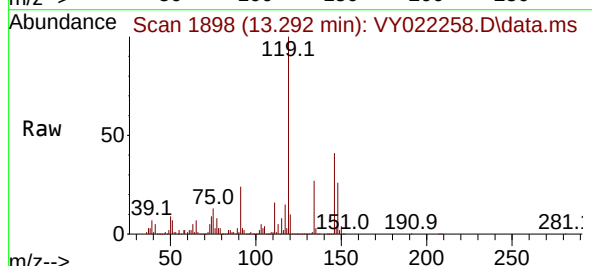
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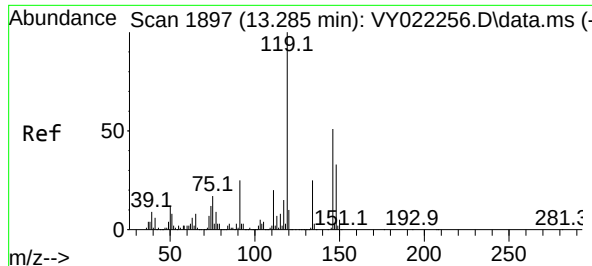
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#86
p-Isopropyltoluene
Concen: 158.088 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:119 Resp: 2205275
Ion Ratio Lower Upper
119 100
134 26.2 12.9 38.6
91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 158.981 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 1079479

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

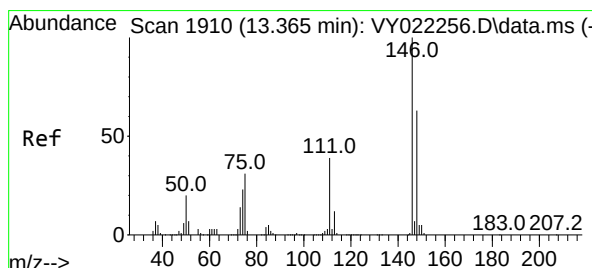
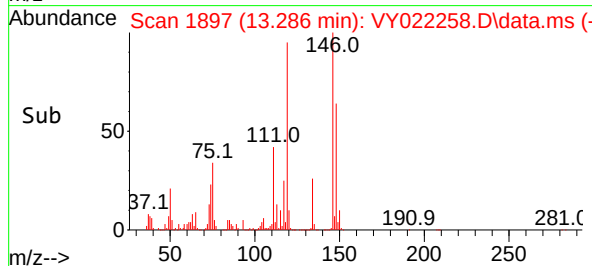
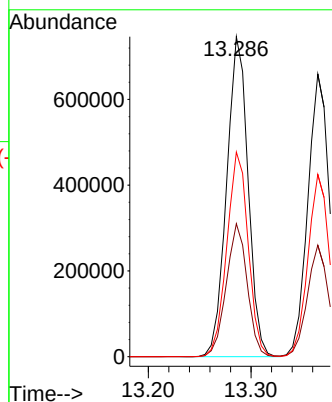
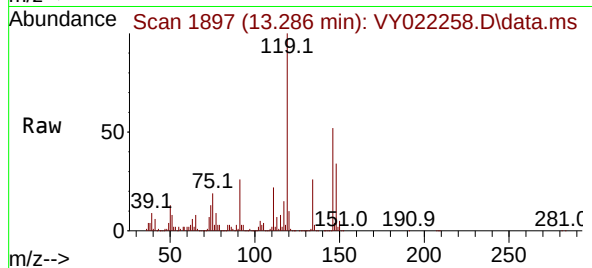
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 148.497 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

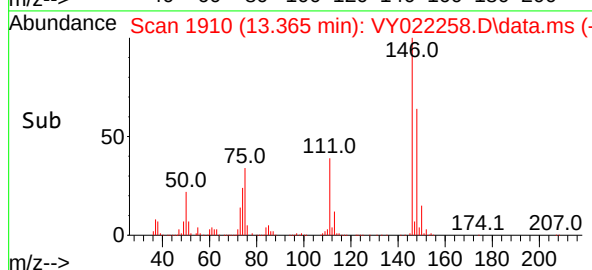
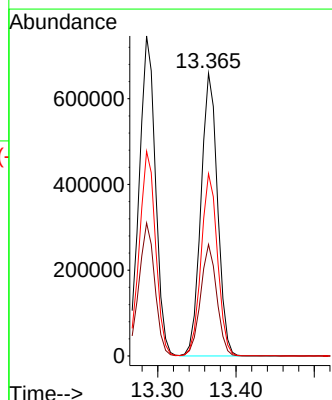
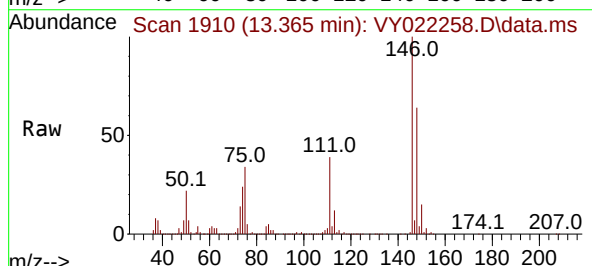
Tgt Ion:146 Resp: 969874

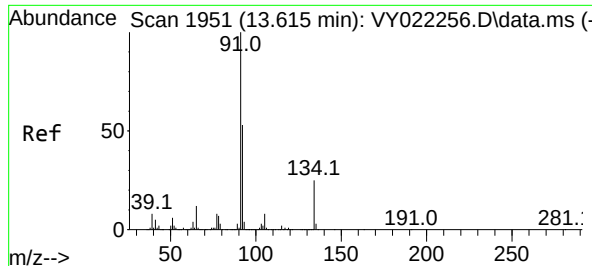
Ion Ratio Lower Upper

146 100

111 38.4 20.0 59.9

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 150.985 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1992554

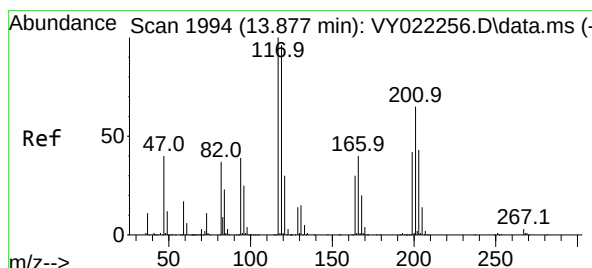
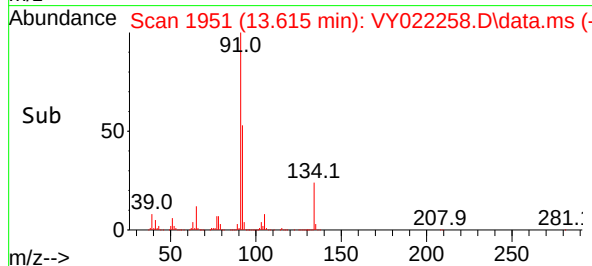
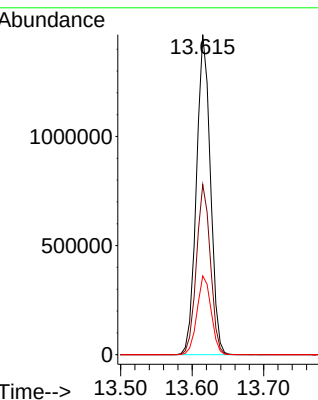
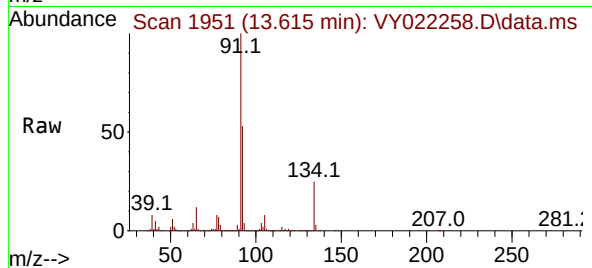
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.3	78.9
134	24.8	12.4	37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#90

Hexachloroethane

Concen: 148.208 ug/l

RT: 13.877 min Scan# 1994

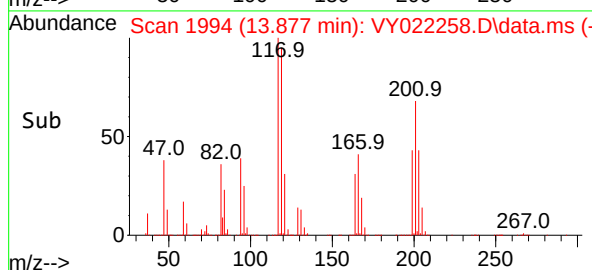
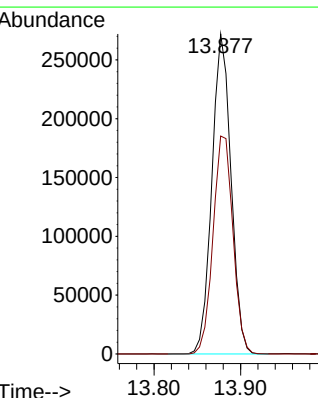
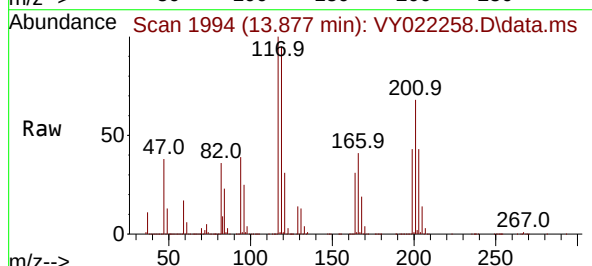
Delta R.T. 0.000 min

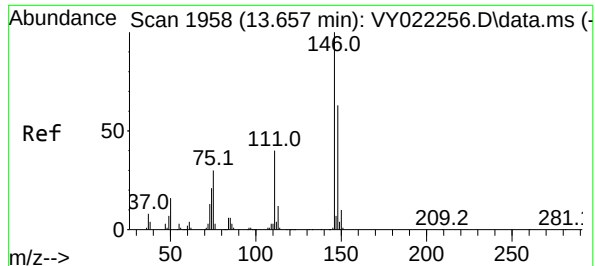
Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion:117 Resp: 417341

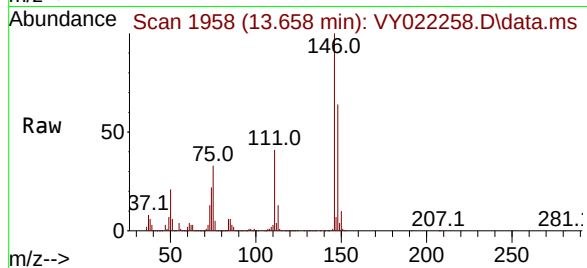
Ion	Ratio	Lower	Upper
117	100		
201	71.0	35.2	105.6





#91
1,2-Dichlorobenzene
Concen: 150.565 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

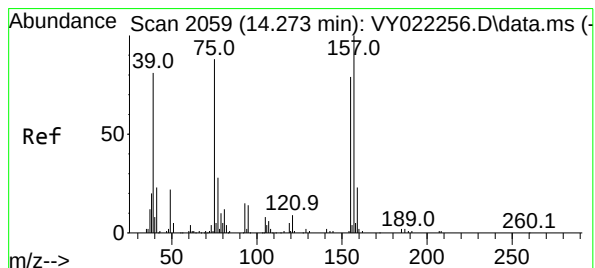
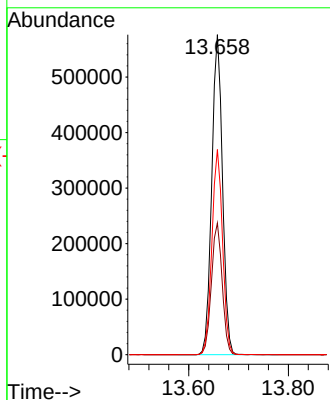
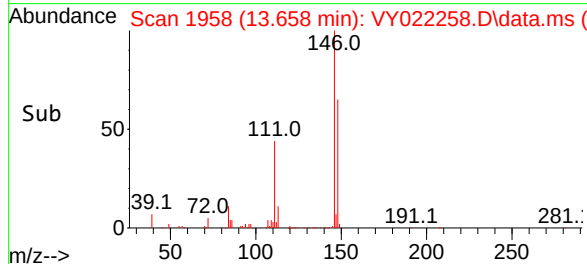
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 858733
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.5
148 63.8 32.0 96.0

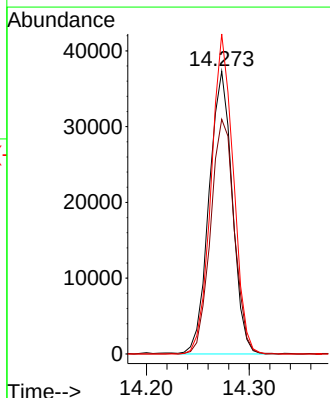
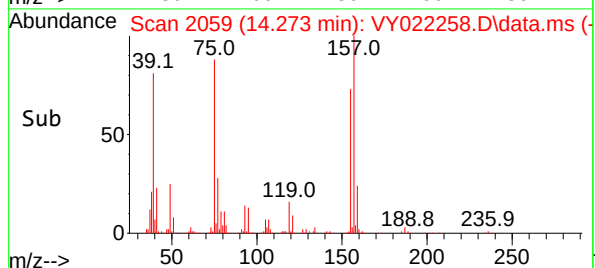
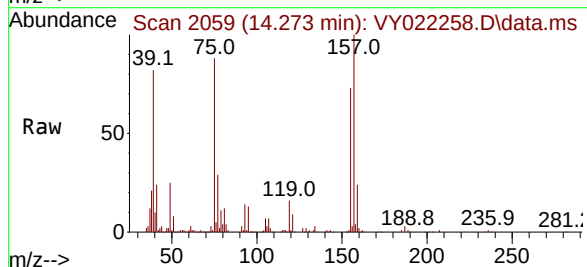
Manual Integrations
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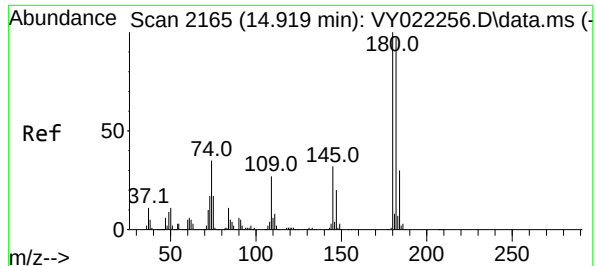
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 151.172 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 75 Resp: 58383
Ion Ratio Lower Upper
75 100
155 84.6 43.4 130.1
157 108.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 154.361 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022258.D

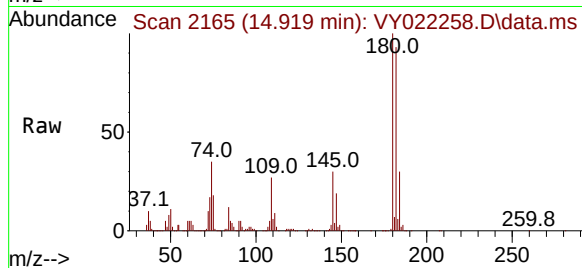
Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



Tgt Ion:180 Resp: 50853

Ion Ratio Lower Upper

180 100

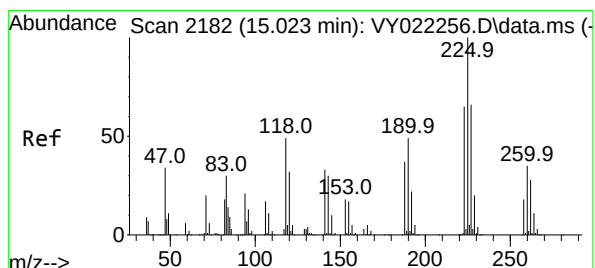
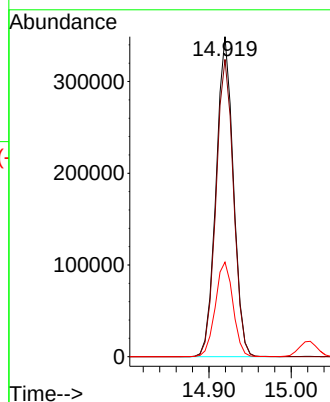
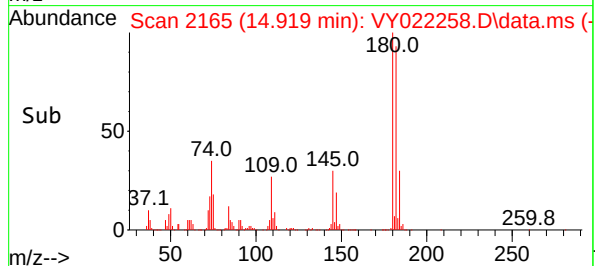
182 94.3 48.0 144.0

145 30.4 15.0 45.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

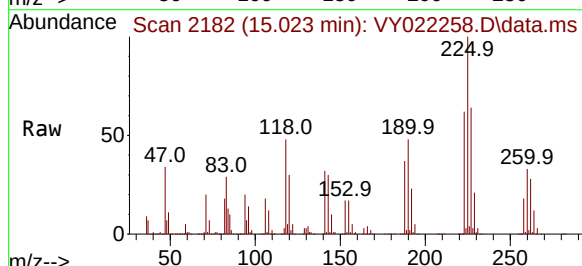
Concen: 142.514 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47



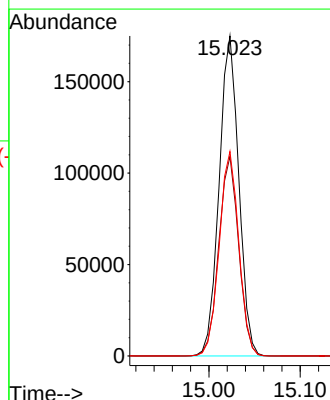
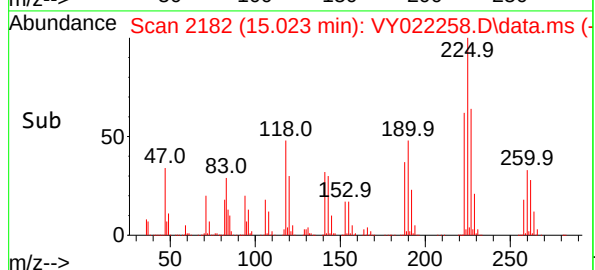
Tgt Ion:225 Resp: 261832

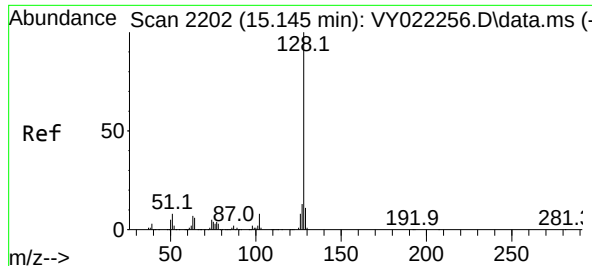
Ion Ratio Lower Upper

225 100

223 62.9 31.5 94.5

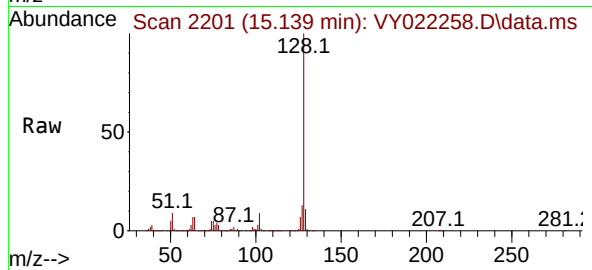
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 156.653 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

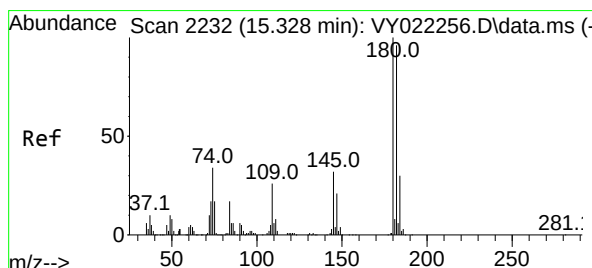
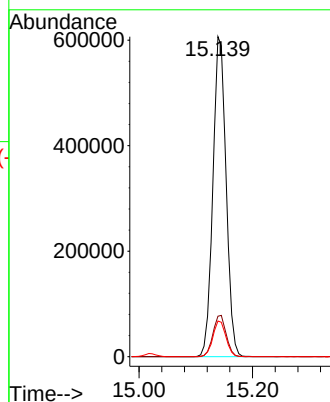
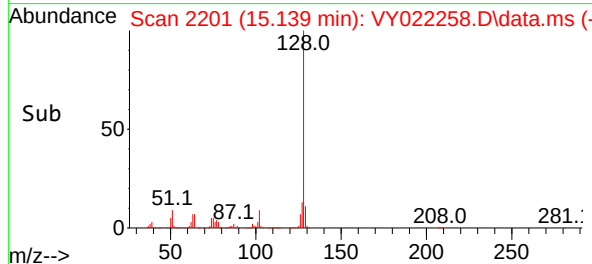
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 979369
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.8 13.2

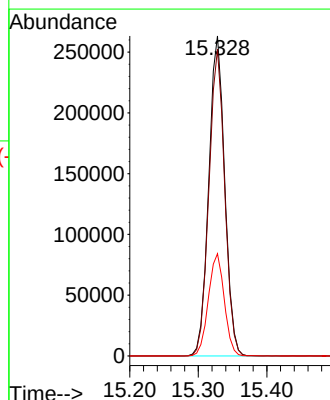
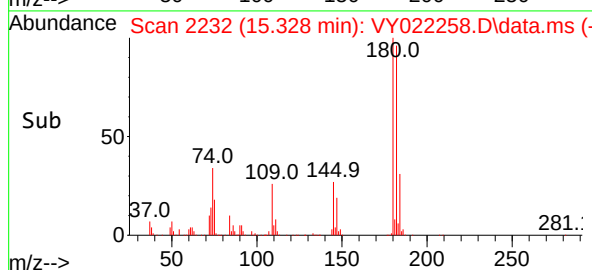
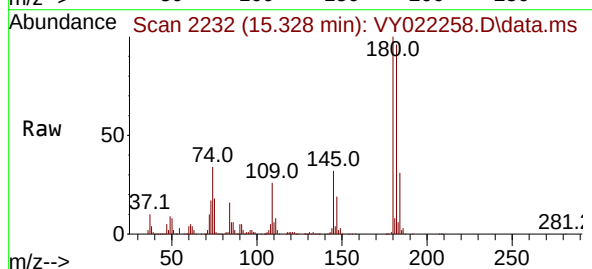
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 152.509 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:180 Resp: 426231
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.3
145 31.9 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	252715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	428969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	375548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143909	52.104	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.200%			
35) Dibromofluoromethane	7.634	113	132263	51.658	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.320%			
50) Toluene-d8	10.109	98	537188	51.229	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.408	95	169575	51.020	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	130352	49.432	ug/l	97
3) Chloromethane	2.068	50	270248	48.719	ug/l	98
4) Vinyl Chloride	2.202	62	316755	51.111	ug/l	99
5) Bromomethane	2.598	94	244611	48.486	ug/l	99
6) Chloroethane	2.732	64	205247	53.234	ug/l	99
7) Trichlorofluoromethane	3.056	101	321098	51.174	ug/l	99
8) Diethyl Ether	3.458	74	78386	52.055	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	140460	51.564	ug/l	100
10) Methyl Iodide	4.007	142	156397	49.606	ug/l	99
11) Tert butyl alcohol	4.872	59	55922	265.144	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	139180	51.487	ug/l	98
13) Acrolein	3.653	56	73495	238.362	ug/l	98
14) Allyl chloride	4.378	41	250342	52.817	ug/l	100
15) Acrylonitrile	5.055	53	164507	265.134	ug/l	99
16) Acetone	3.872	43	130848	252.660	ug/l	99
17) Carbon Disulfide	4.104	76	456302	51.765	ug/l	99
18) Methyl Acetate	4.385	43	97091	59.461	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	395753	53.096	ug/l	99
20) Methylene Chloride	4.610	84	158275	47.298	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	153819	51.552	ug/l	98
22) Diisopropyl ether	6.018	45	521343	52.085	ug/l	99
23) Vinyl Acetate	5.957	43	1530507	253.098	ug/l	99
24) 1,1-Dichloroethane	5.915	63	288933	51.668	ug/l	97
25) 2-Butanone	6.896	43	221702	255.929	ug/l	97
26) 2,2-Dichloropropane	6.884	77	259587	52.191	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	180695	52.479	ug/l	100
28) Bromochloromethane	7.250	49	124761	52.305	ug/l	99
29) Tetrahydrofuran	7.262	42	147603	264.847	ug/l	99
30) Chloroform	7.421	83	283264	52.810	ug/l	100
31) Cyclohexane	7.701	56	271949	48.673	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	253549	51.523	ug/l	99
36) 1,1-Dichloropropene	7.835	75	212786	50.457	ug/l	99
37) Ethyl Acetate	6.982	43	102740	50.633	ug/l	98
38) Carbon Tetrachloride	7.817	117	220636	50.543	ug/l	98
39) Methylcyclohexane	9.109	83	283373	50.015	ug/l	98
40) Benzene	8.079	78	646289	51.696	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	72143m	53.599	ug/l	
42) 1,2-Dichloroethane	8.158	62	175241	51.834	ug/l	100
43) Isopropyl Acetate	8.195	43	227521	51.415	ug/l #	89
44) Trichloroethene	8.865	130	156468	50.335	ug/l	96
45) 1,2-Dichloropropane	9.140	63	154975	51.417	ug/l	99
46) Dibromomethane	9.231	93	83597	51.423	ug/l	100
47) Bromodichloromethane	9.426	83	221446	52.508	ug/l	99
48) Methyl methacrylate	9.219	41	106283	51.357	ug/l	98
49) 1,4-Dioxane	9.231	88	18521	1008.479	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	567722	261.463	ug/l	99
52) Toluene	10.170	92	406420	51.337	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	211790	51.458	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	244811	51.916	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	106464	51.142	ug/l	99
56) Ethyl methacrylate	10.438	69	164207	50.639	ug/l	99
57) 1,3-Dichloropropane	10.719	76	191889	51.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	394587	271.104	ug/l	100
59) 2-Hexanone	10.761	43	375224	257.738	ug/l	100
60) Dibromochloromethane	10.914	129	141652	52.425	ug/l	99
61) 1,2-Dibromoethane	11.018	107	99783	51.428	ug/l	99
64) Tetrachloroethene	10.646	164	162818	46.905	ug/l	99
65) Chlorobenzene	11.444	112	422170	49.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	144636	49.656	ug/l	99
67) Ethyl Benzene	11.517	91	794978	50.100	ug/l	99
68) m/p-Xylenes	11.627	106	604420	101.087	ug/l	99
69) o-Xylene	11.956	106	286712	50.682	ug/l	98
70) Styrene	11.969	104	481621	50.471	ug/l	99
71) Bromoform	12.133	173	80216	51.022	ug/l #	100
73) Isopropylbenzene	12.255	105	738398	49.964	ug/l	100
74) N-amyl acetate	12.072	43	210510	49.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	120599	53.062	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	96804m	53.564	ug/l	
77) Bromobenzene	12.536	156	155843	49.374	ug/l	97
78) n-propylbenzene	12.596	91	896555	50.296	ug/l	100
79) 2-Chlorotoluene	12.682	91	491073	50.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	592100	49.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	43921	49.231	ug/l	99
82) 4-Chlorotoluene	12.779	91	510451	50.661	ug/l	100
83) tert-Butylbenzene	12.999	119	527140	49.715	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	598450	50.535	ug/l	99
85) sec-Butylbenzene	13.176	105	787000	50.000	ug/l	100
86) p-Isopropyltoluene	13.291	119	664795	50.219	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	320357	49.718	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	307847	49.669	ug/l	98
89) n-Butylbenzene	13.621	91	631222	50.402	ug/l	100
90) Hexachloroethane	13.883	117	132281	49.502	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	270373	49.954	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18335	50.028	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	152548	48.794	ug/l	99
94) Hexachlorobutadiene	15.023	225	83287	47.770	ug/l	99
95) Naphthalene	15.145	128	287276	48.421	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	127466	48.060	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022260.D
Acq On : 15 May 2025 13:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

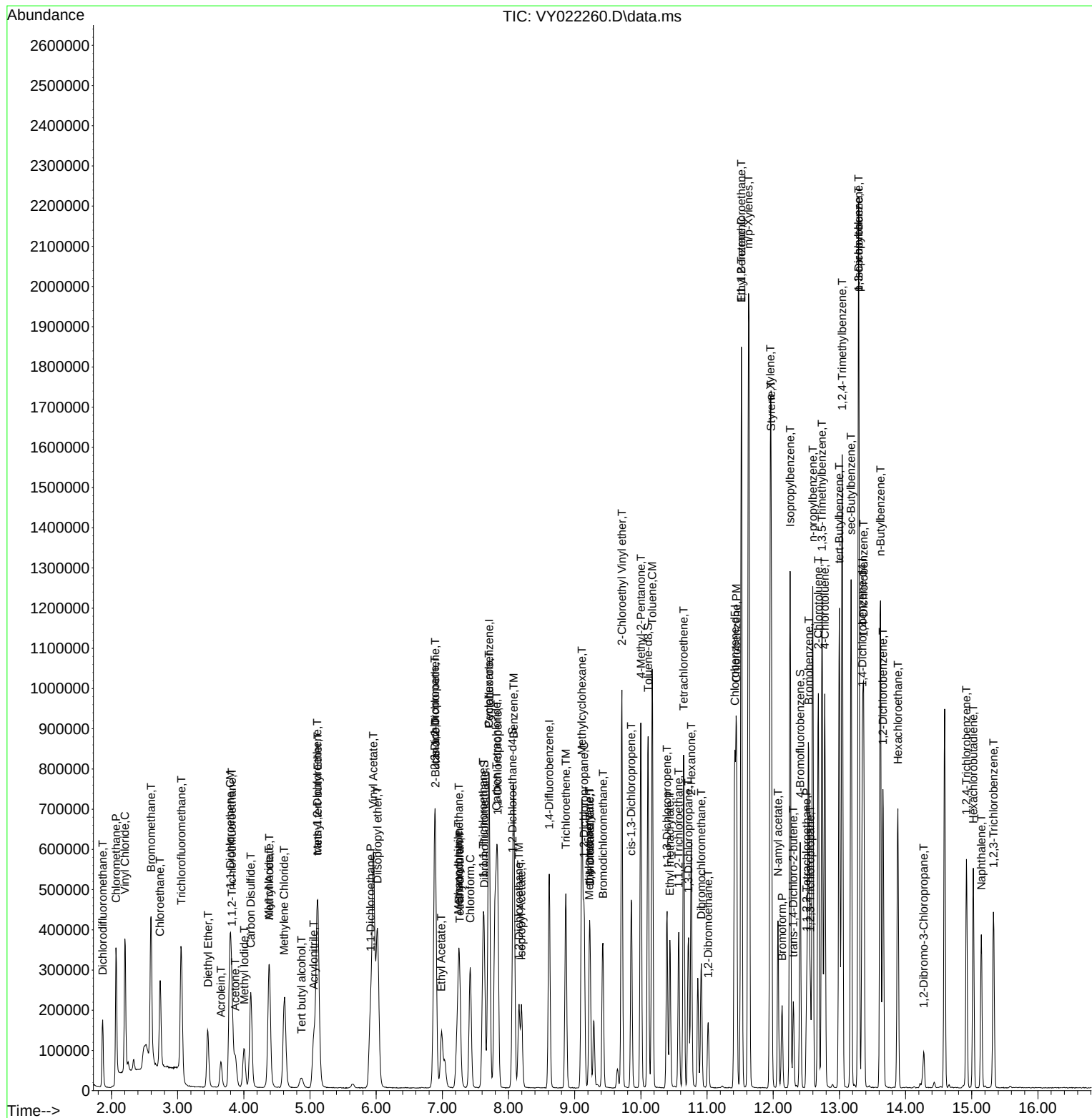
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 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

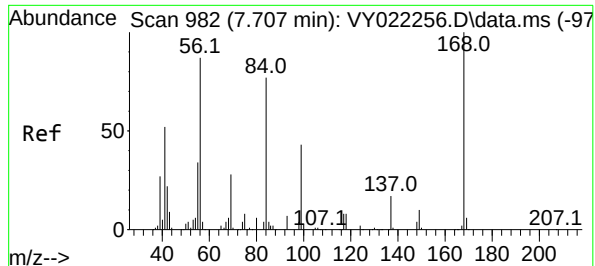
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration





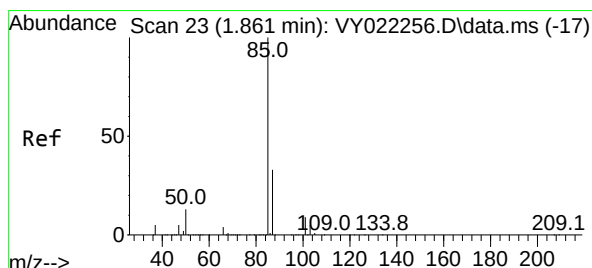
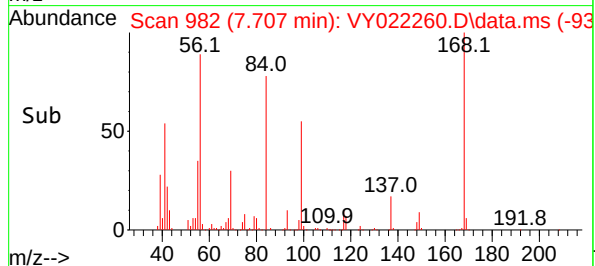
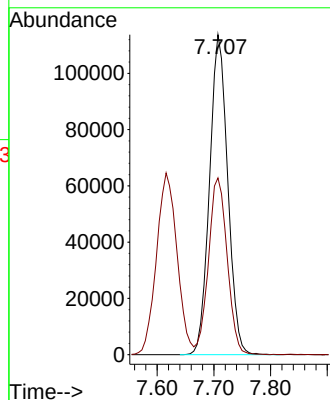
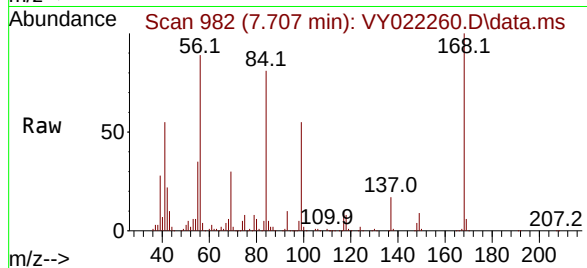
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion: 168 Resp: 252715
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4

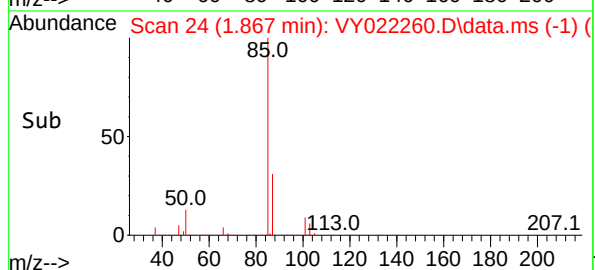
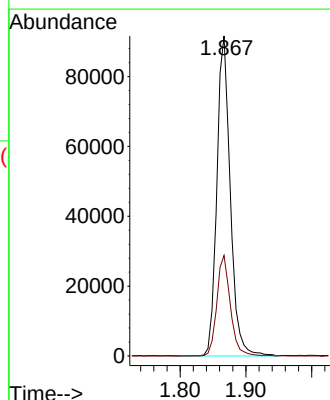
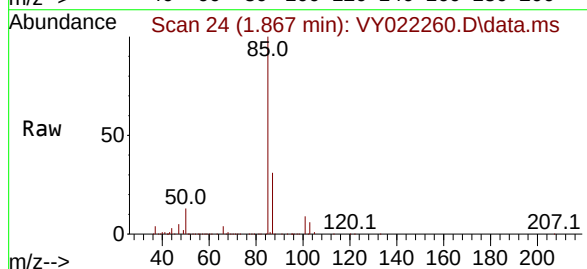
Manual Integrations
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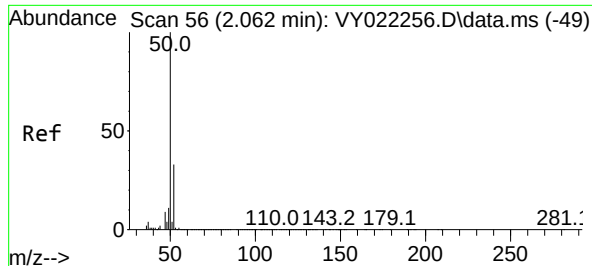
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 49.432 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

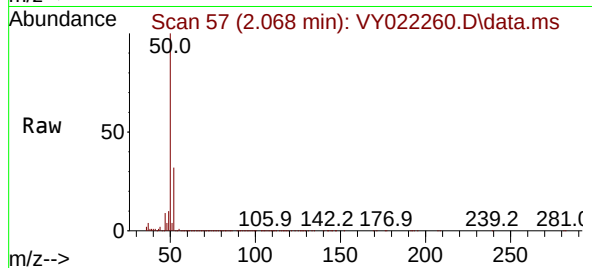
Tgt Ion: 85 Resp: 130352
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5





#3
Chloromethane
Concen: 48.719 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

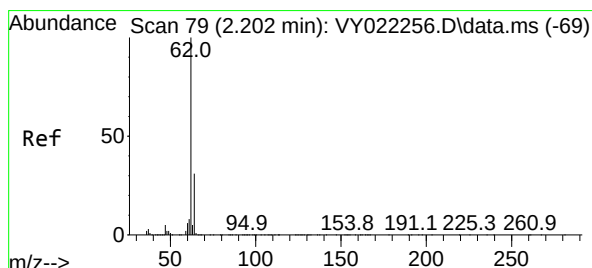
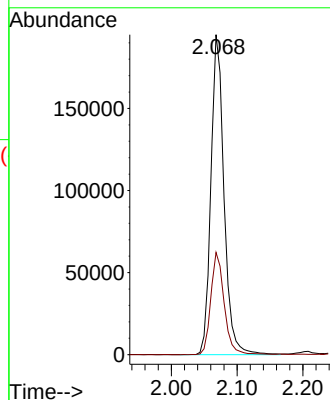
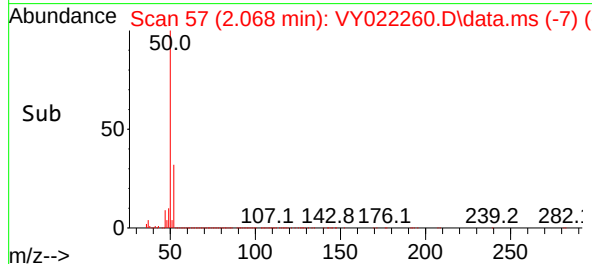
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 50 Resp: 270248
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

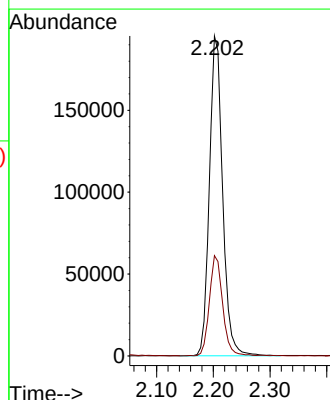
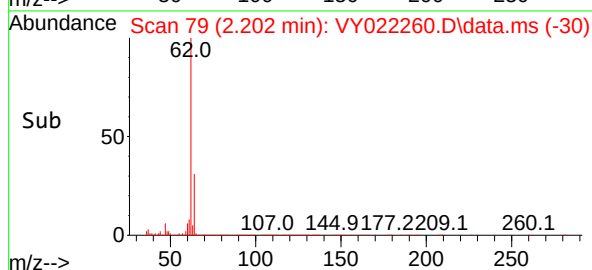
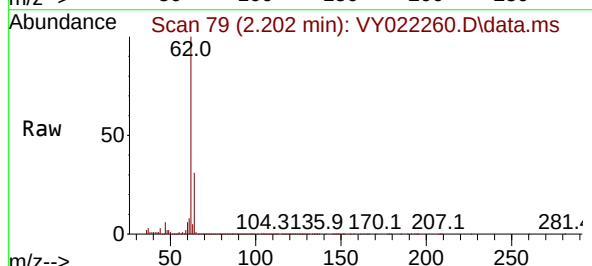
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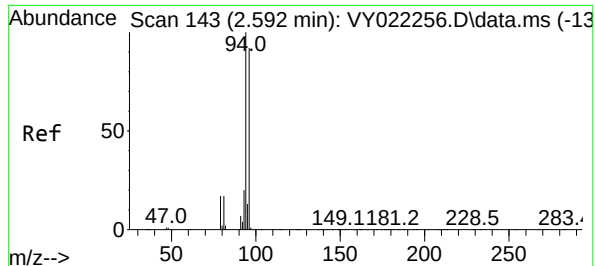
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 51.111 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

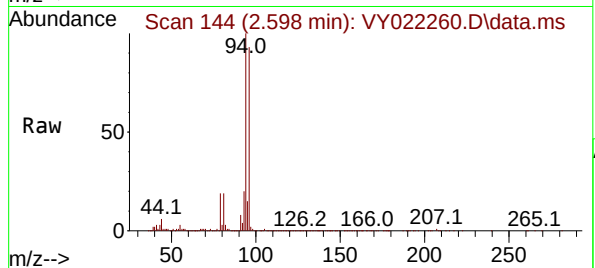
Tgt Ion: 62 Resp: 316755
Ion Ratio Lower Upper
62 100
64 31.3 24.5 36.7





#5
Bromomethane
Concen: 48.486 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

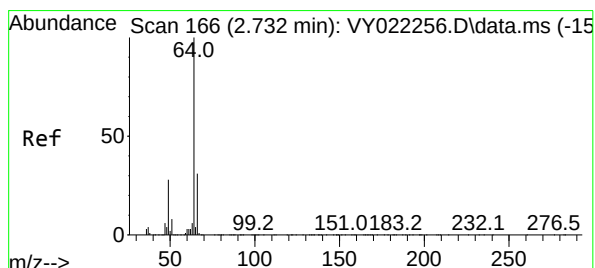
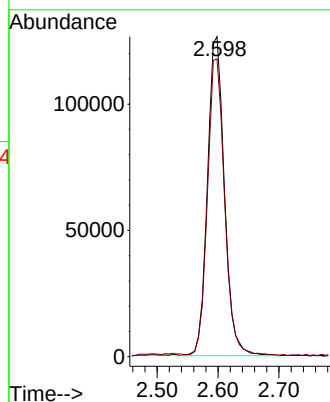
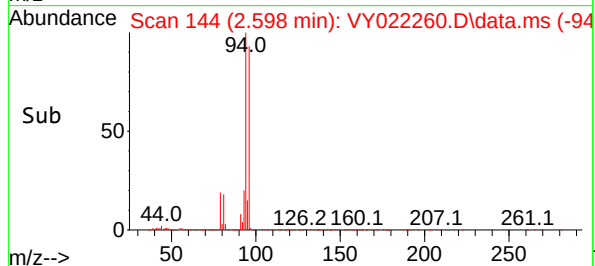
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 94 Resp: 24461
Ion Ratio Lower Upper
94 100
96 92.8 73.4 110.0

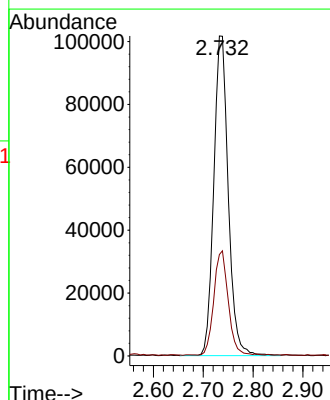
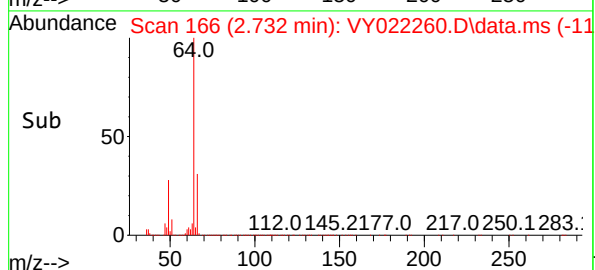
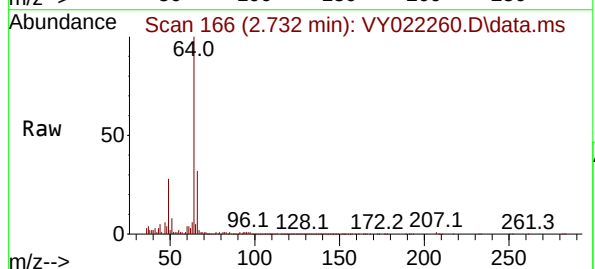
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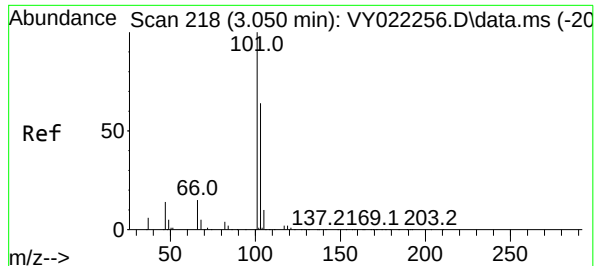
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 53.234 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

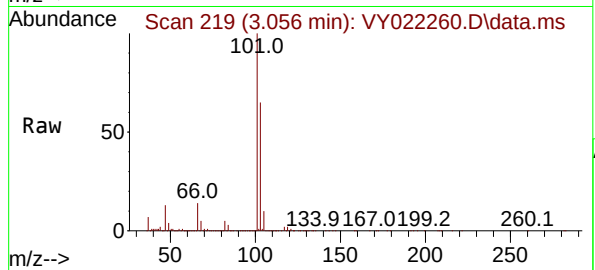
Tgt Ion: 64 Resp: 205247
Ion Ratio Lower Upper
64 100
66 31.4 24.8 37.2





#7
Trichlorofluoromethane
Concen: 51.174 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

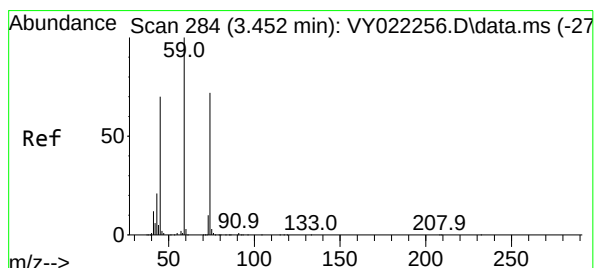
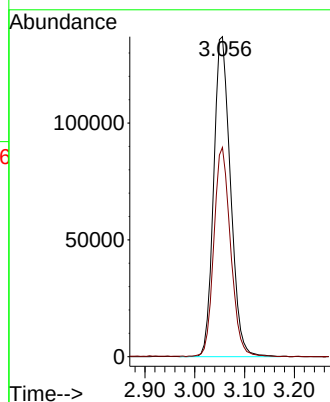
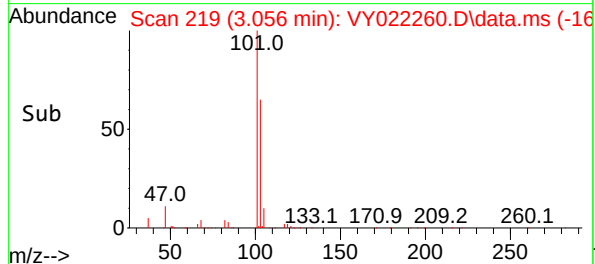
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion:101 Resp: 321098
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

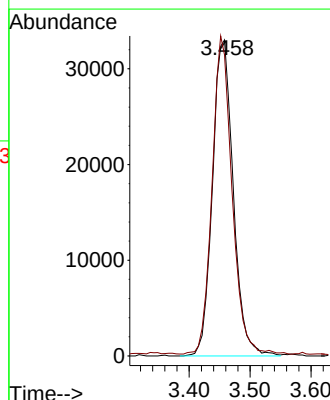
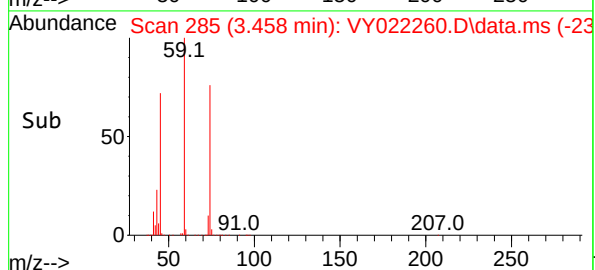
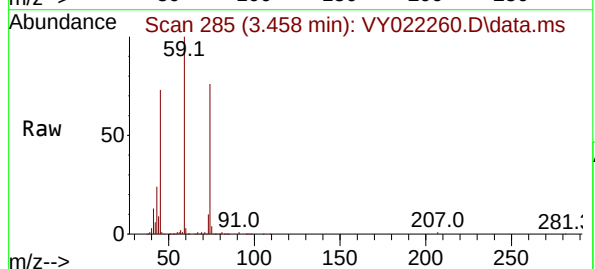
Manual Integrations
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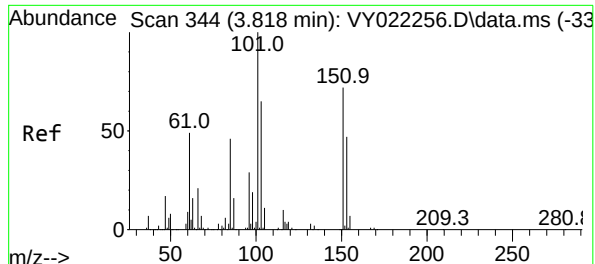
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 52.055 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 74 Resp: 78386
Ion Ratio Lower Upper
74 100
45 96.3 48.6 145.8





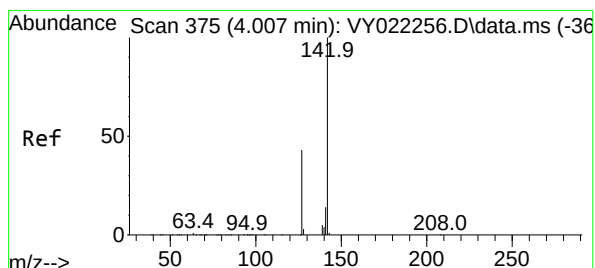
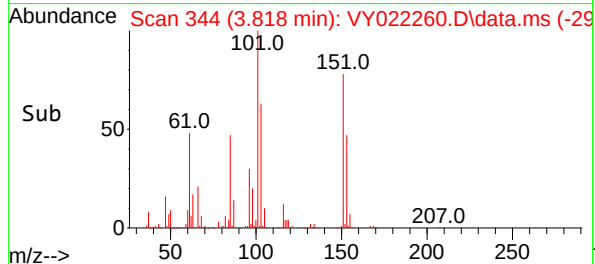
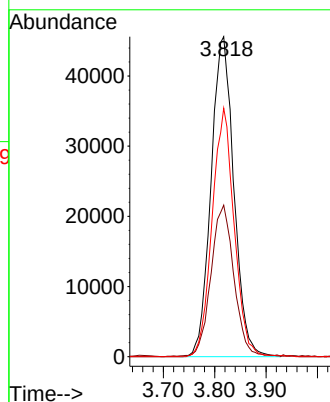
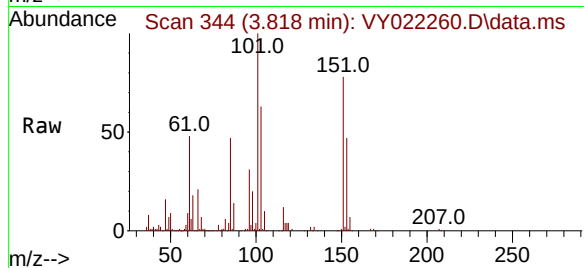
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1,1,2-Trichlorotrifluoroethane
Concen: 51.564 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion:101 Resp: 140460
Ion Ratio Lower Upper
101 100
85 47.9 38.6 58.0
151 74.9 59.7 89.5

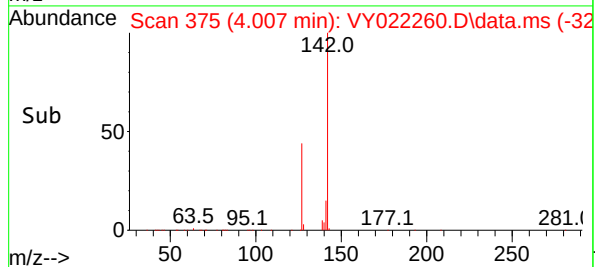
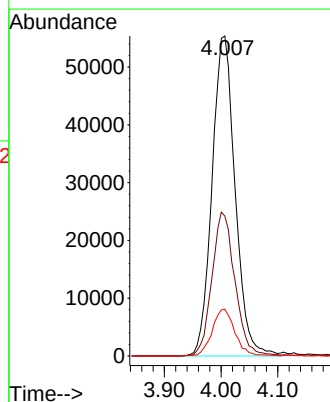
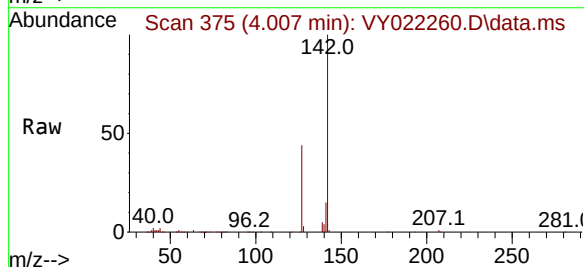
Manual Integrations
APPROVED

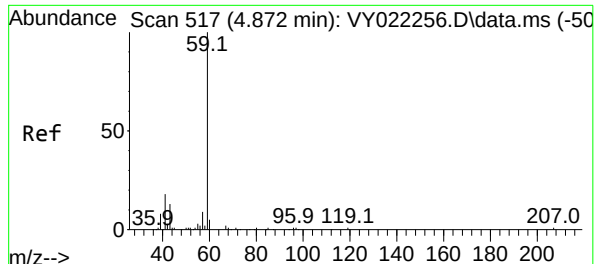
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 49.606 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion:142 Resp: 156397
Ion Ratio Lower Upper
142 100
127 44.8 35.7 53.5
141 14.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 265.144 ug/l

RT: 4.872 min Scan# 517

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 59 Resp: 5592

Ion Ratio Lower Upper

59 100

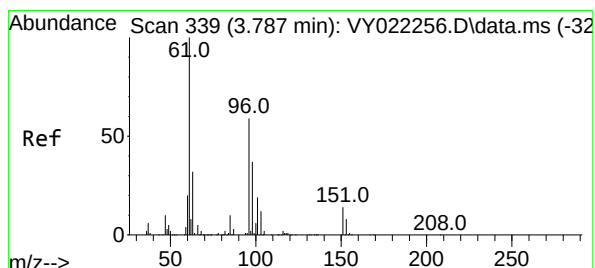
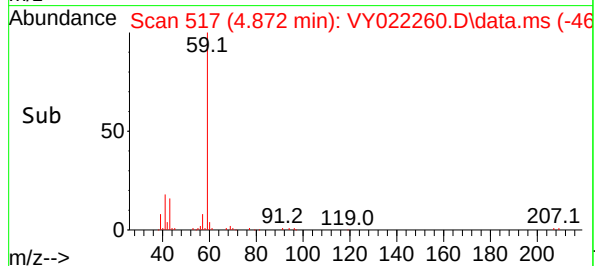
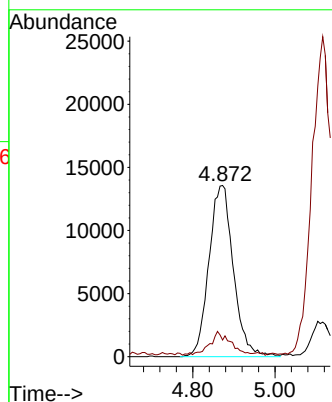
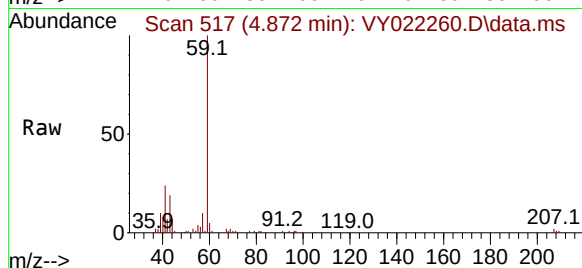
57 10.7 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#12

1,1-Dichloroethene

Concen: 51.487 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

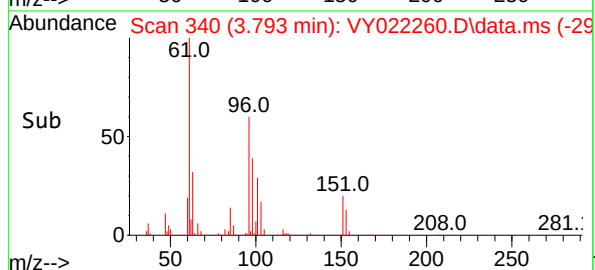
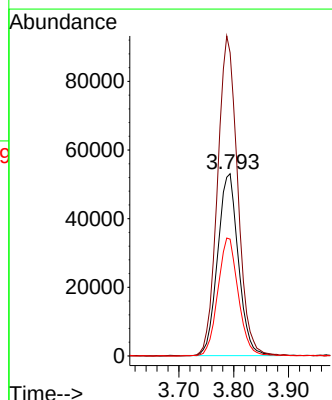
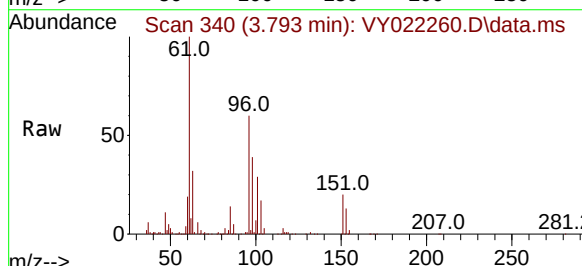
Tgt Ion: 96 Resp: 139180

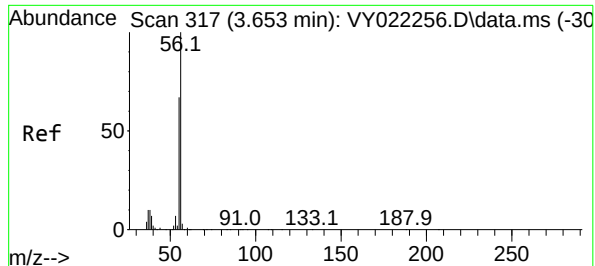
Ion Ratio Lower Upper

96 100

61 166.8 134.9 202.3

98 64.1 49.9 74.9





#13

Acrolein

Concen: 238.362 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 56 Resp: 7349

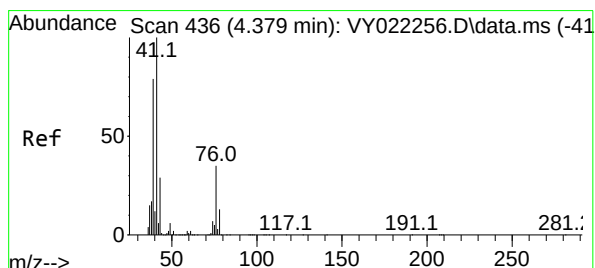
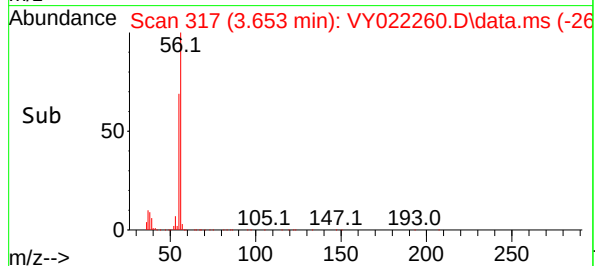
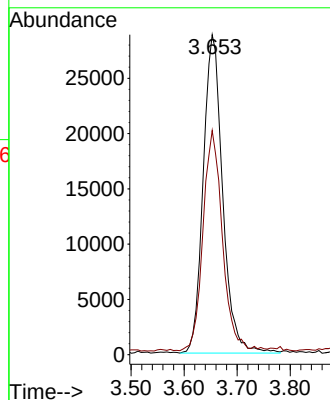
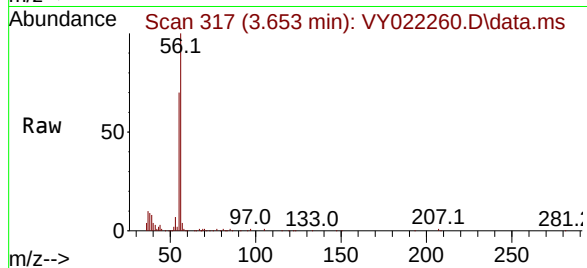
Ion Ratio Lower Upper

56 100

55 68.2 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#14

Allyl chloride

Concen: 52.817 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

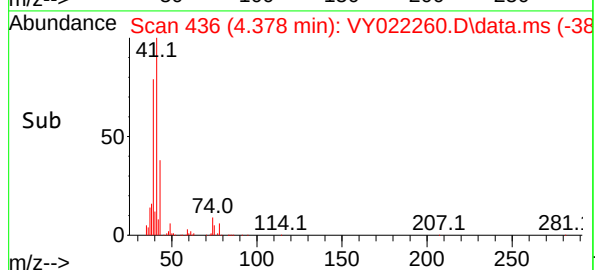
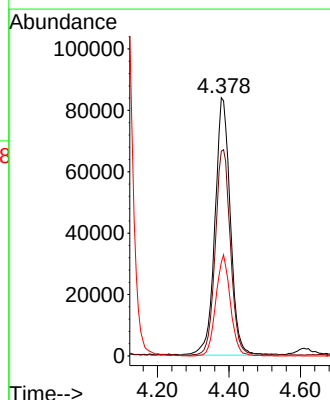
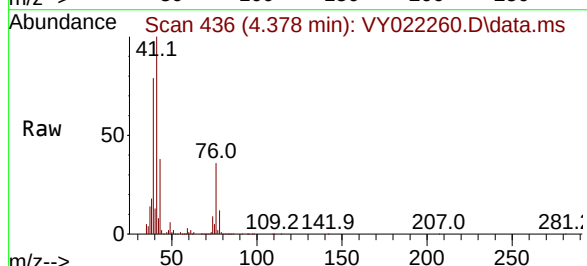
Tgt Ion: 41 Resp: 250342

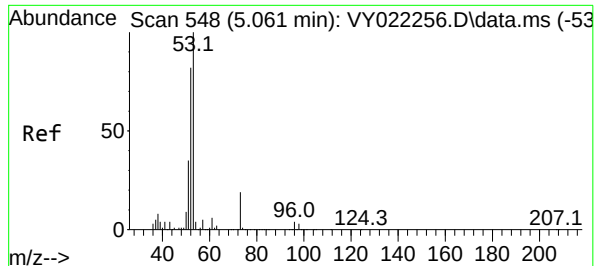
Ion Ratio Lower Upper

41 100

39 78.9 63.4 95.0

76 37.0 29.5 44.3





#15

Acrylonitrile

Concen: 265.134 ug/l

RT: 5.055 min Scan# 548

Delta R.T. -0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 53 Resp: 16450

Ion Ratio Lower Upper

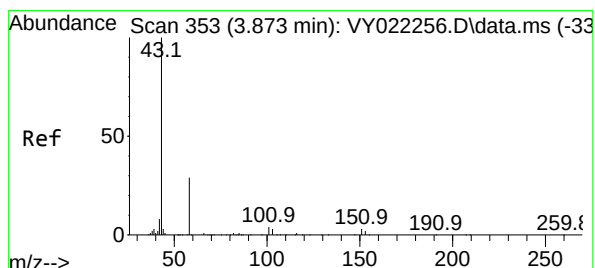
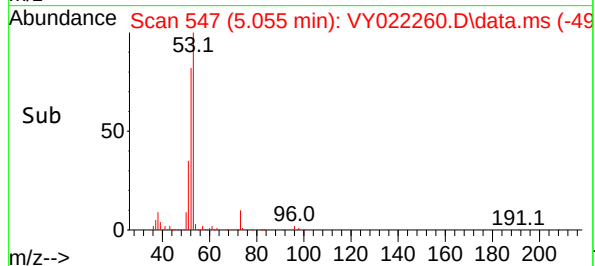
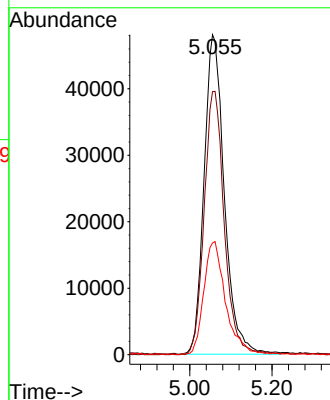
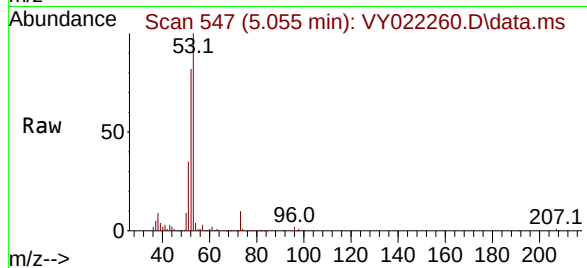
53 100

52 81.9 66.1 99.1

51 38.2 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#16

Acetone

Concen: 252.660 ug/l

RT: 3.872 min Scan# 353

Delta R.T. -0.000 min

Lab File: VY022260.D

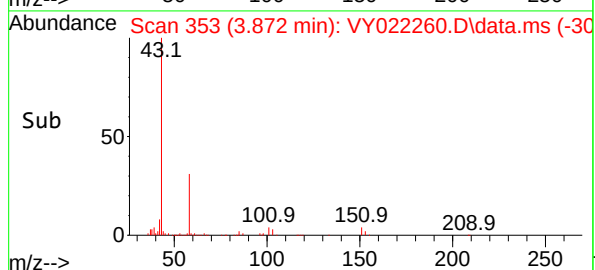
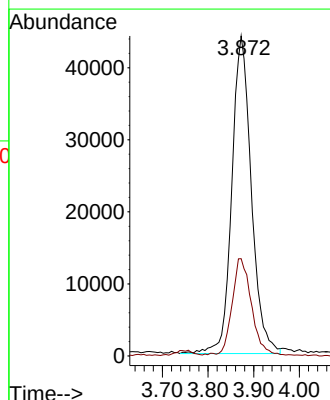
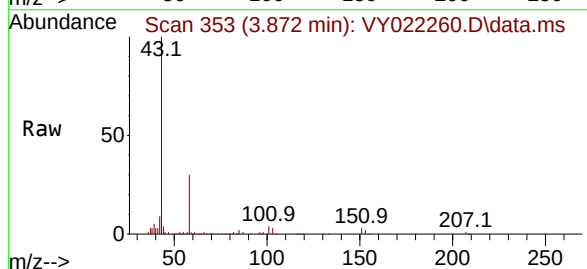
Acq: 15 May 2025 13:20

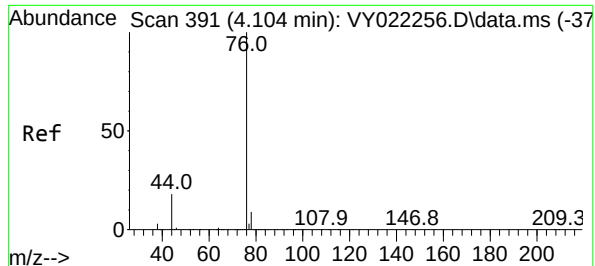
Tgt Ion: 43 Resp: 130848

Ion Ratio Lower Upper

43 100

58 30.2 23.6 35.4





#17

Carbon Disulfide

Concen: 51.765 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 76 Resp: 456302

Ion Ratio Lower Upper

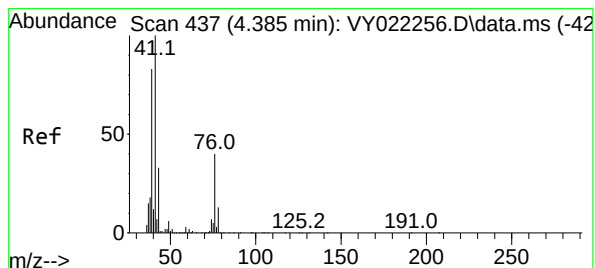
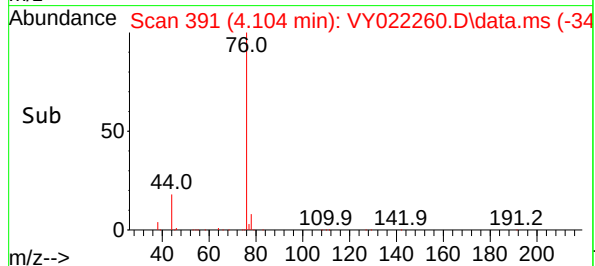
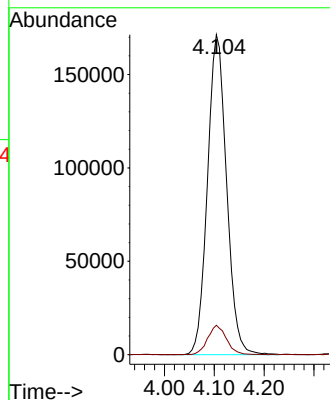
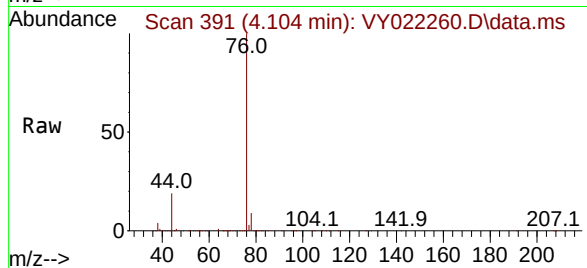
76 100

78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18

Methyl Acetate

Concen: 59.461 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY022260.D

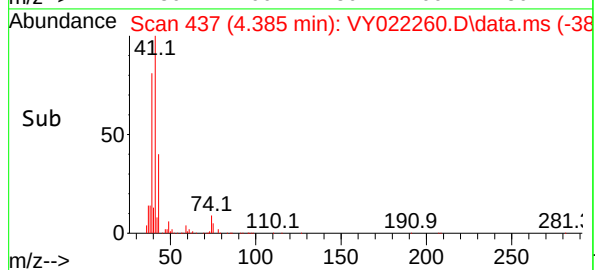
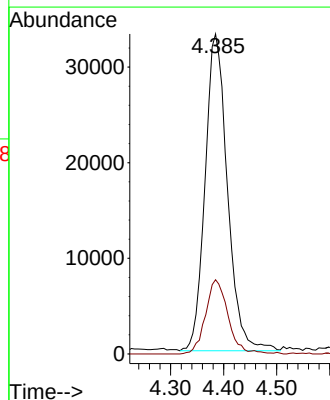
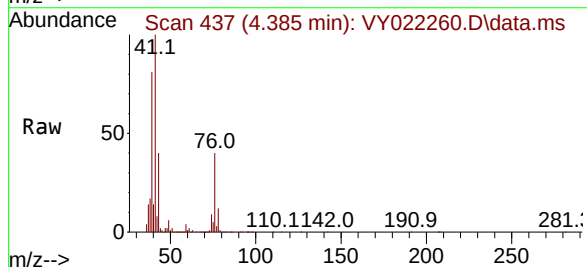
Acq: 15 May 2025 13:20

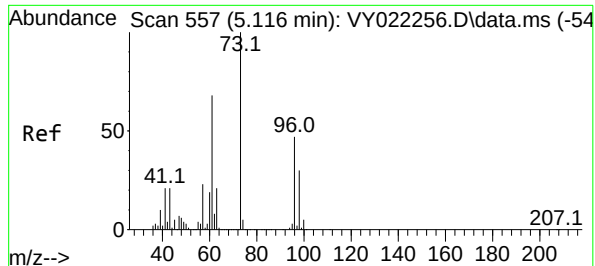
Tgt Ion: 43 Resp: 97091

Ion Ratio Lower Upper

43 100

74 23.6 18.2 27.4





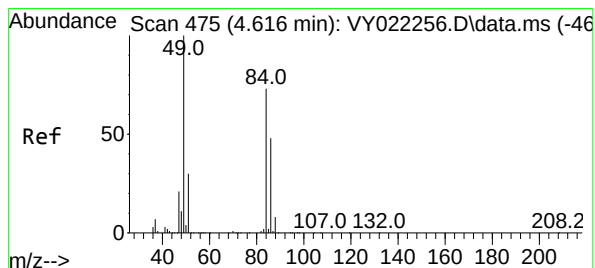
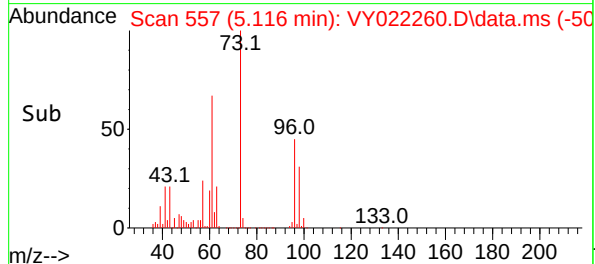
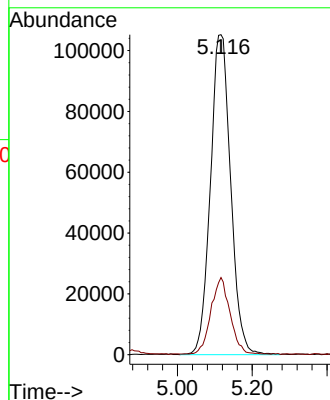
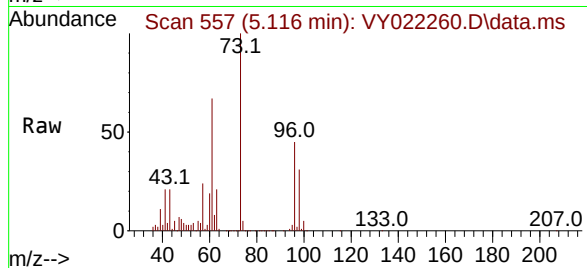
#19
Methyl tert-butyl Ether
Concen: 53.096 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion: 73 Resp: 39575
Ion Ratio Lower Upper
73 100
57 24.0 18.6 28.0

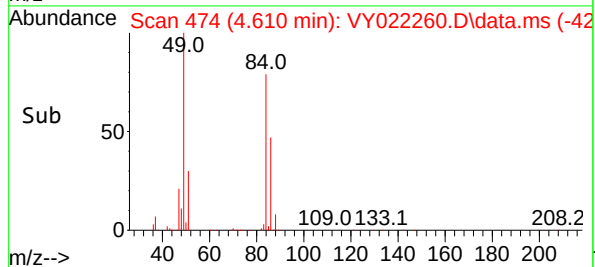
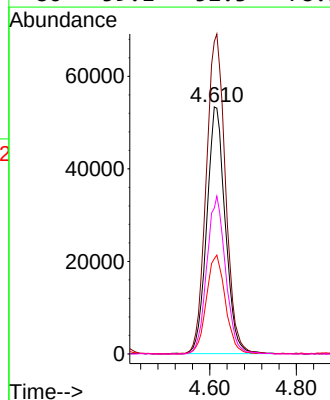
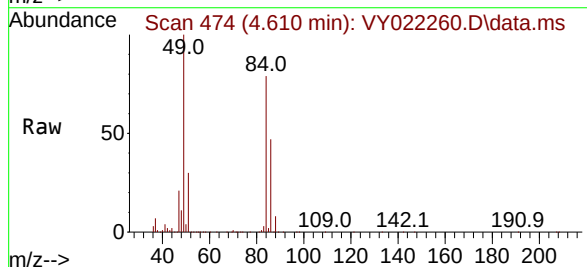
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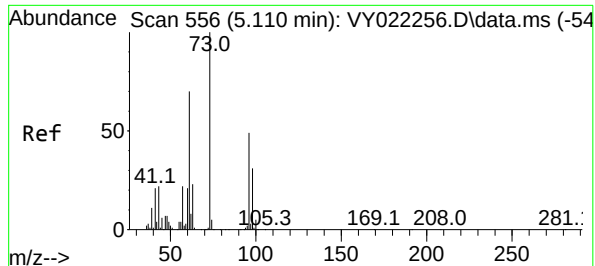
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 47.298 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

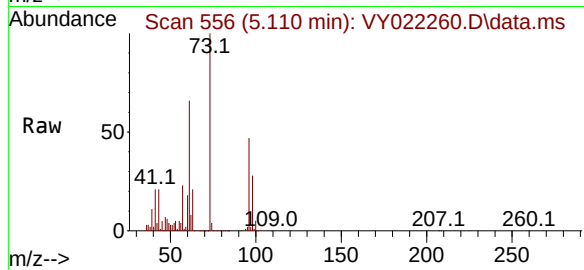
Tgt Ion: 84 Resp: 158275
Ion Ratio Lower Upper
84 100
49 126.6 109.6 164.4
51 38.5 32.4 48.6
86 59.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 51.552 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

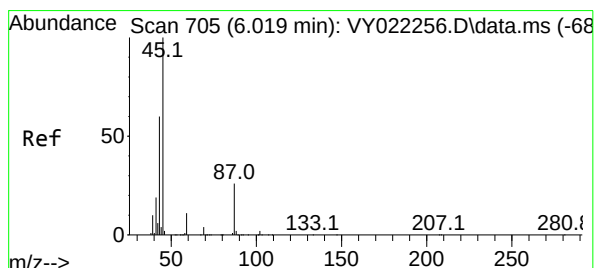
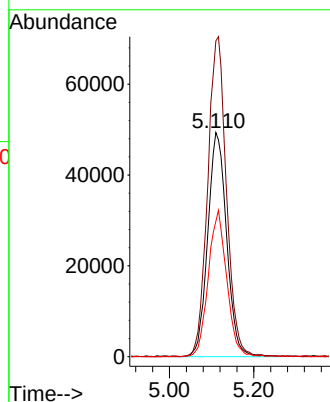
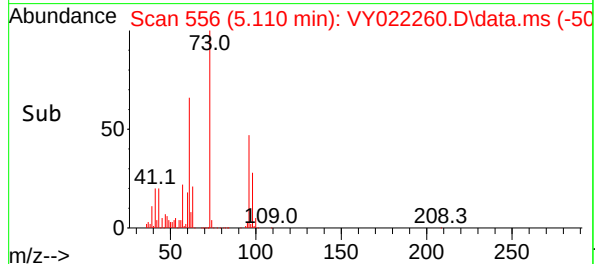
Instrument :
MSVOA_Y
ClientSampleId :
ICVY051525



Tgt Ion: 96 Resp: 153819
Ion Ratio Lower Upper
96 100
61 140.9 113.4 170.0
98 60.2 50.9 76.3

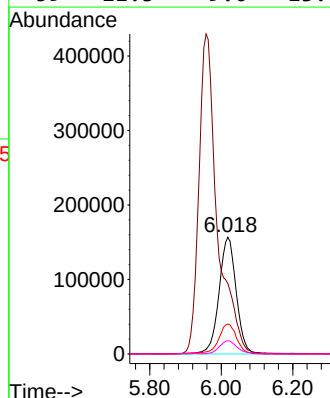
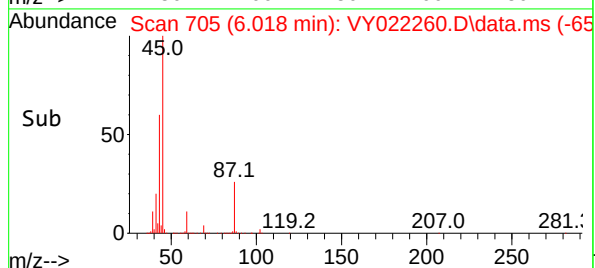
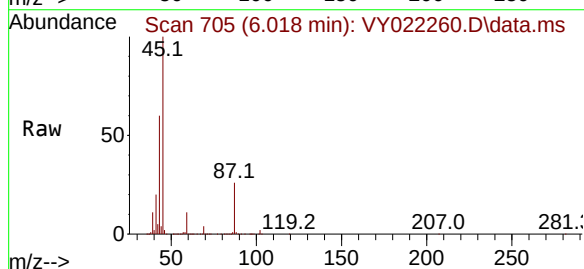
Manual Integrations
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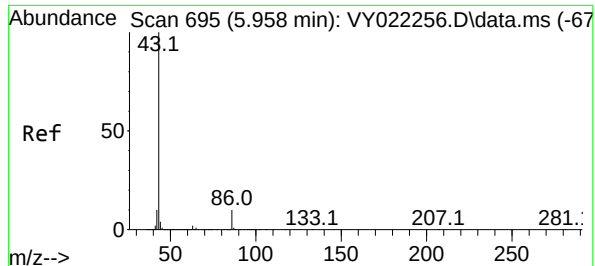
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 52.085 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 45 Resp: 521343
Ion Ratio Lower Upper
45 100
43 59.9 48.2 72.2
87 25.6 21.4 32.0
59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 253.098 ug/l

RT: 5.957 min Scan# 695

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 43 Resp: 153050

Ion Ratio Lower Upper

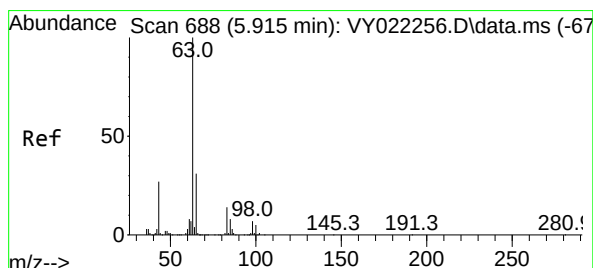
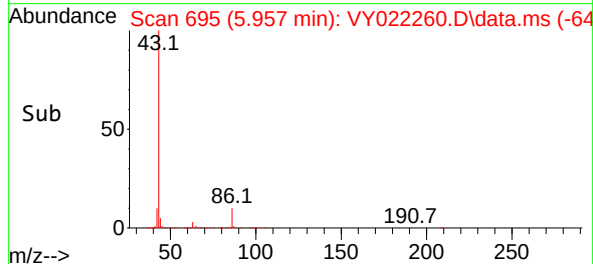
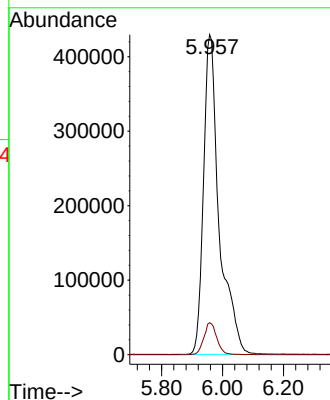
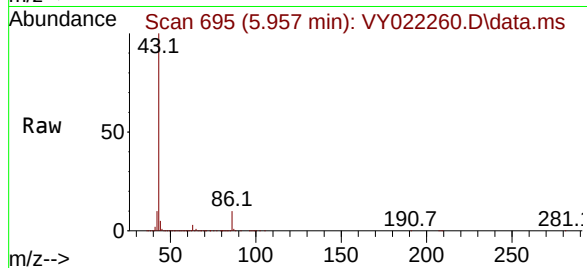
43 100

86 10.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#24

1,1-Dichloroethane

Concen: 51.668 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

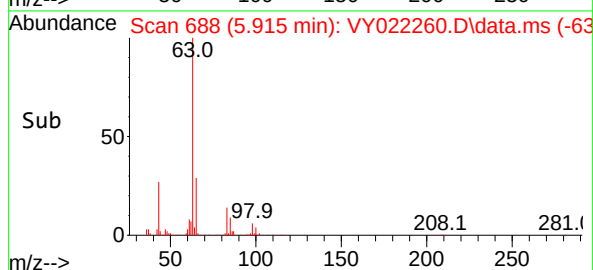
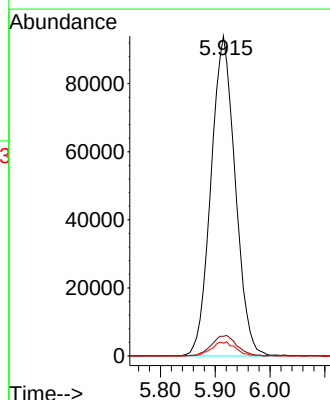
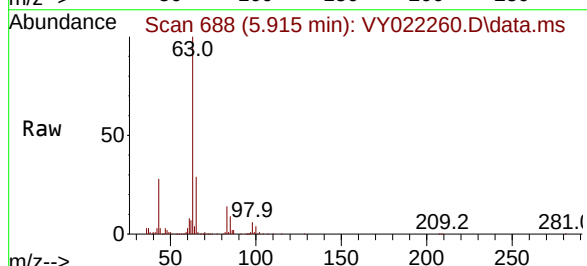
Tgt Ion: 63 Resp: 288933

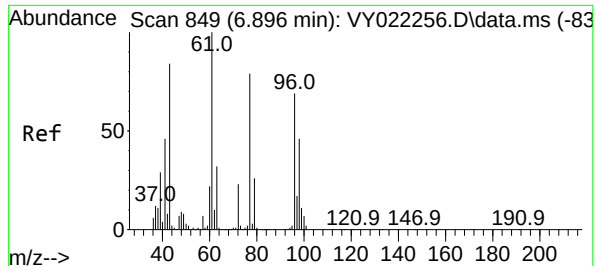
Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

100 4.0 2.4 7.2





#25

2-Butanone

Concen: 255.929 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 43 Resp: 221702

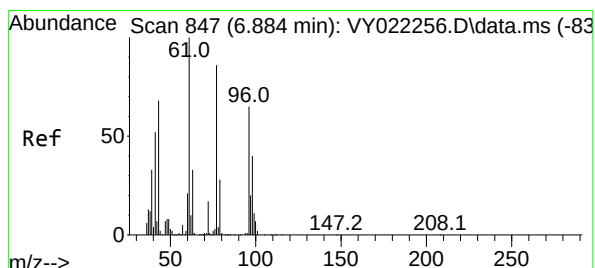
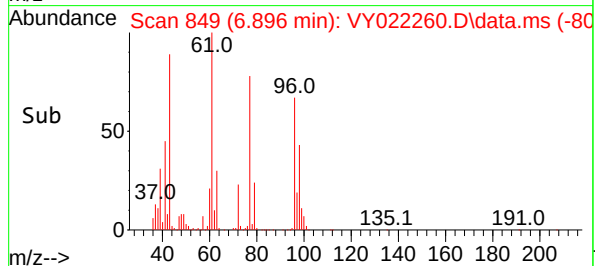
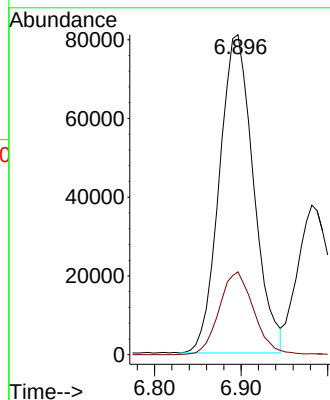
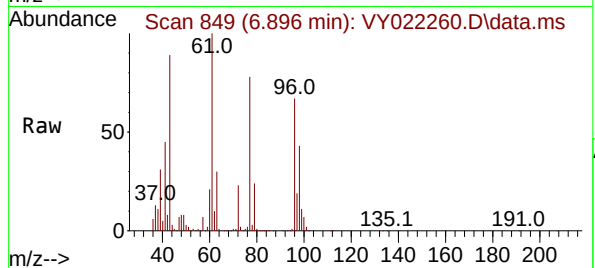
Ion Ratio Lower Upper

43 100

72 25.9 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#26

2,2-Dichloropropane

Concen: 52.191 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022260.D

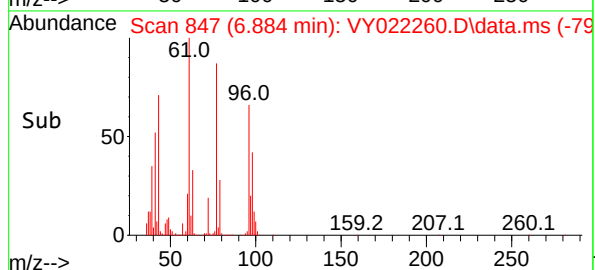
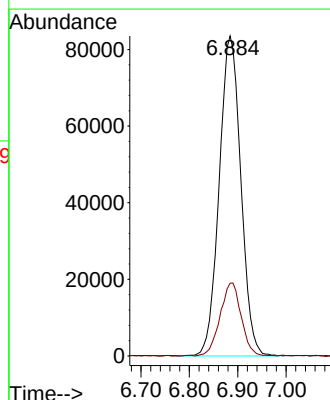
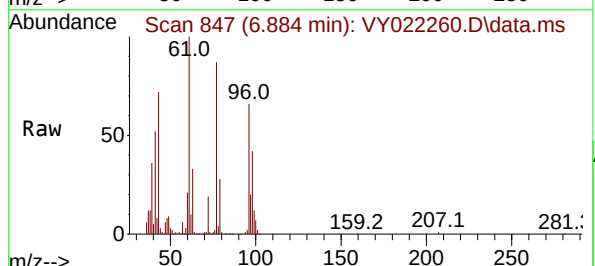
Acq: 15 May 2025 13:20

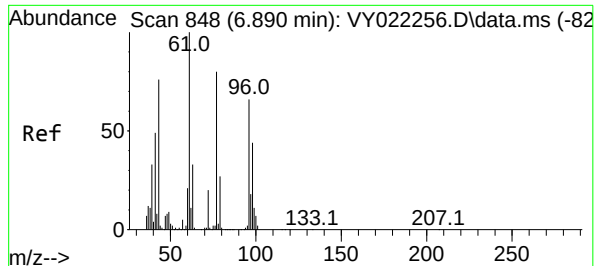
Tgt Ion: 77 Resp: 259587

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 52.479 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 96 Resp: 18069

Ion Ratio Lower Upper

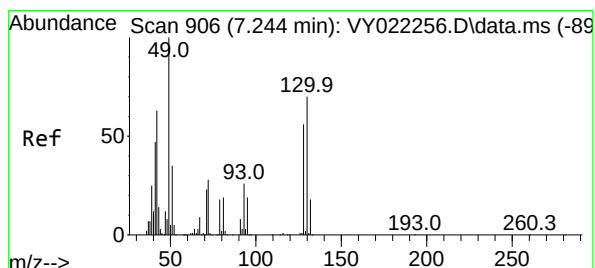
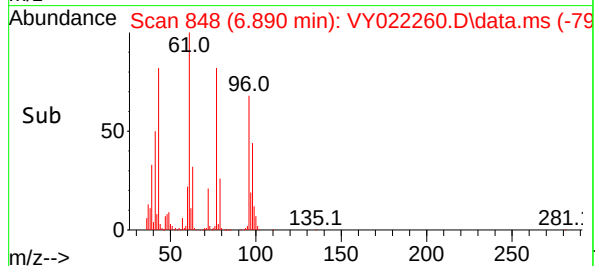
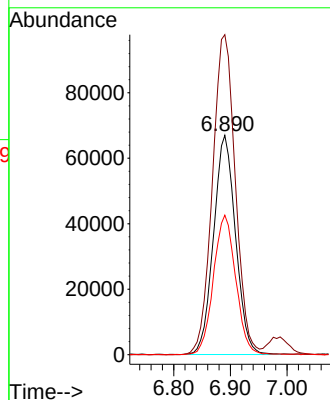
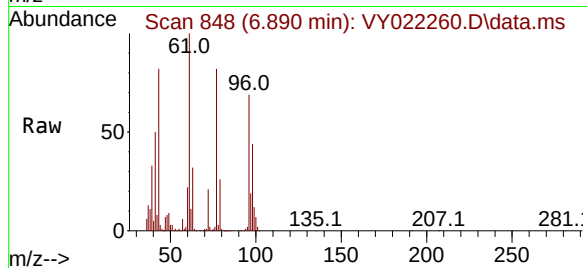
96 100

61 151.9 0.0 302.6

98 64.5 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#28

Bromochloromethane

Concen: 52.305 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

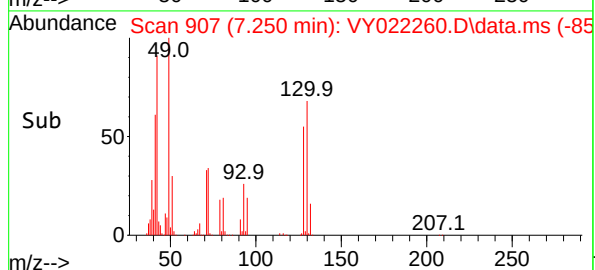
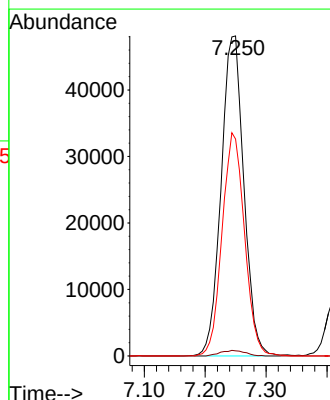
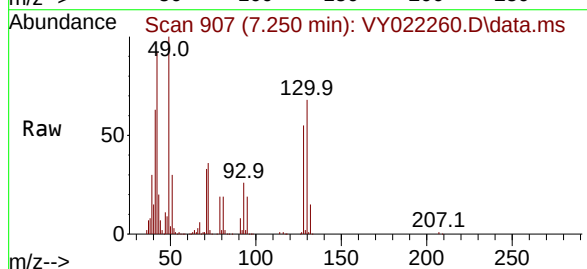
Tgt Ion: 49 Resp: 124761

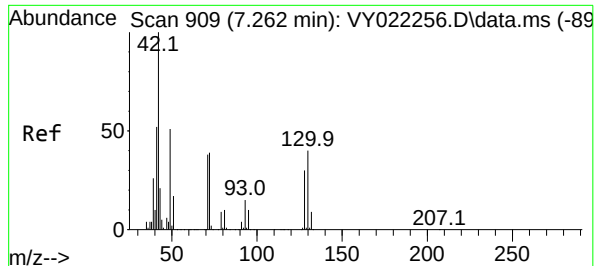
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 68.8 54.7 82.1





#29

Tetrahydrofuran

Concen: 264.847 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 42 Resp: 147603

Ion Ratio Lower Upper

42 100

72 42.1 33.8 50.6

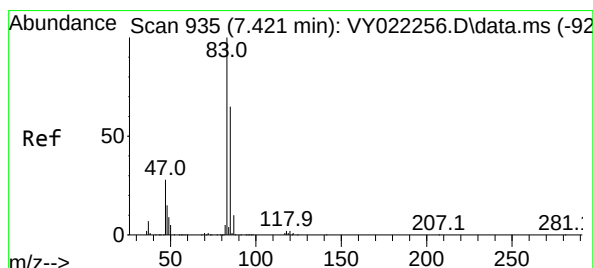
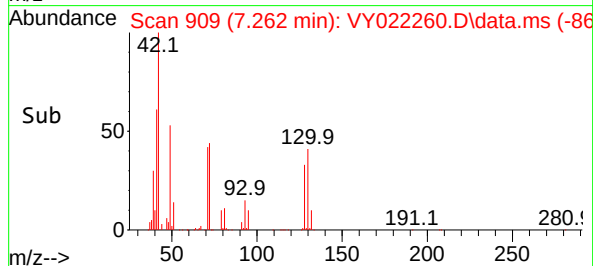
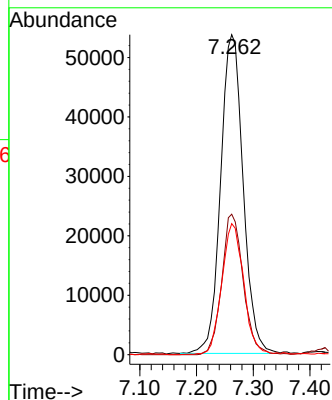
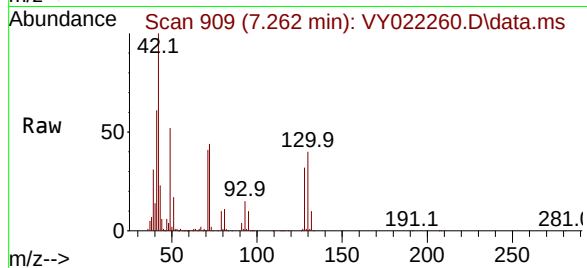
71 40.1 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 52.810 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022260.D

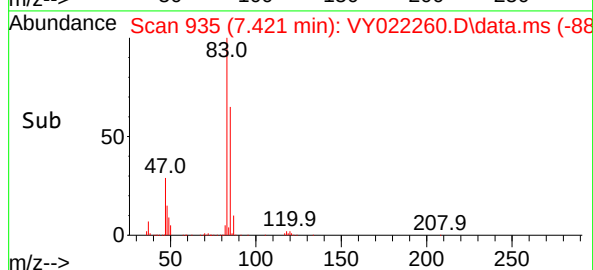
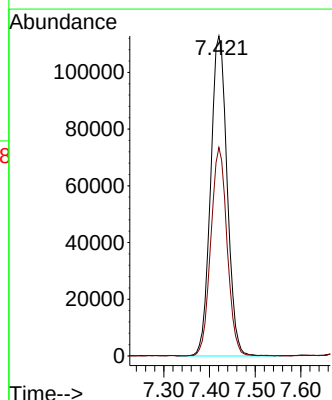
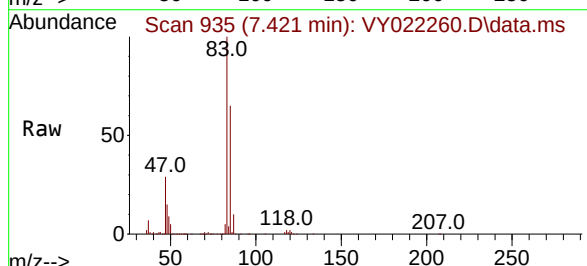
Acq: 15 May 2025 13:20

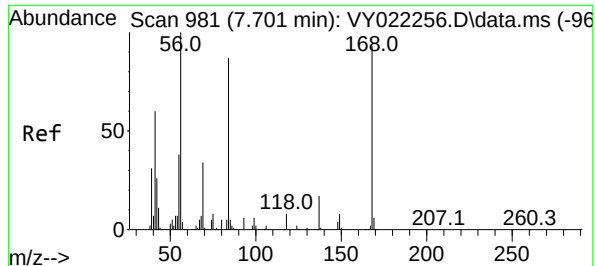
Tgt Ion: 83 Resp: 283264

Ion Ratio Lower Upper

83 100

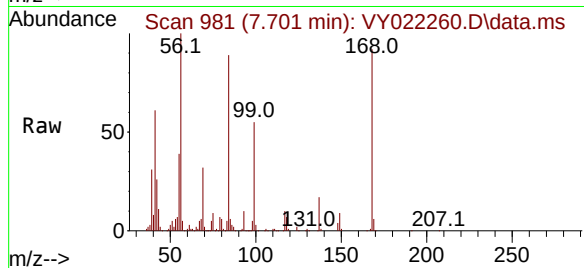
85 65.1 51.8 77.8





#31
Cyclohexane
Concen: 48.673 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

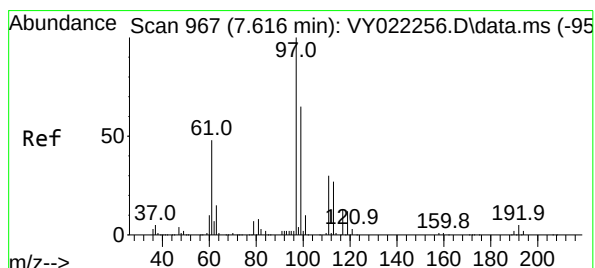
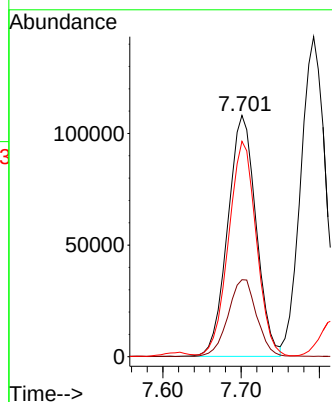
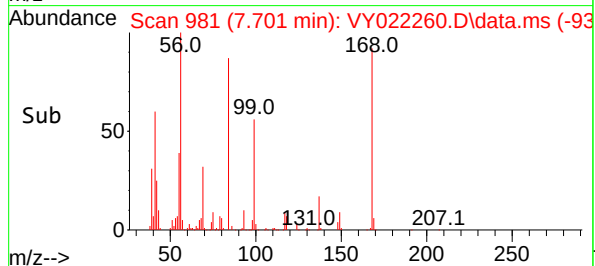
Instrument :
MSVOA_Y
ClientSampleId :
ICVY051525



Tgt Ion: 56 Resp: 271949
Ion Ratio Lower Upper
56 100
69 31.8 27.4 41.2
84 87.5 70.0 105.0

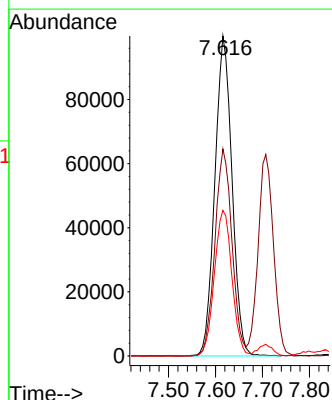
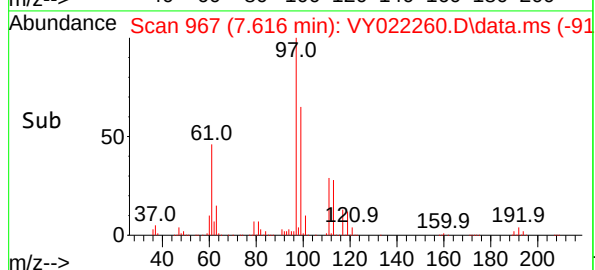
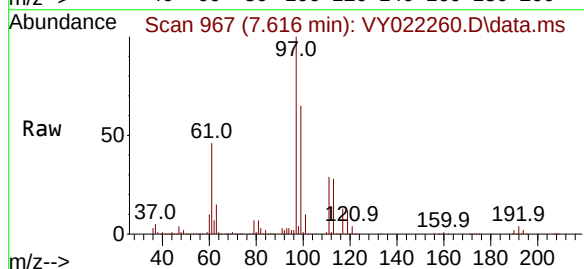
Manual Integrations
APPROVED

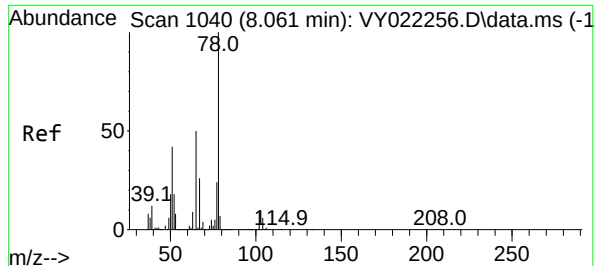
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#32
1,1,1-Trichloroethane
Concen: 51.523 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 97 Resp: 253549
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 46.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 52.104 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 65 Resp: 143909

Ion Ratio Lower Upper

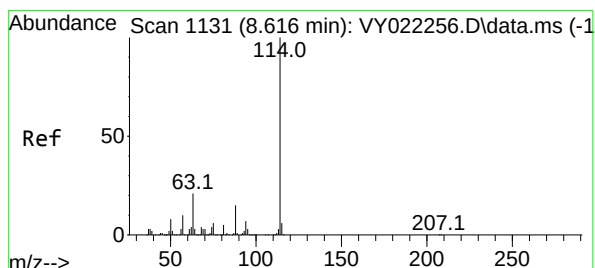
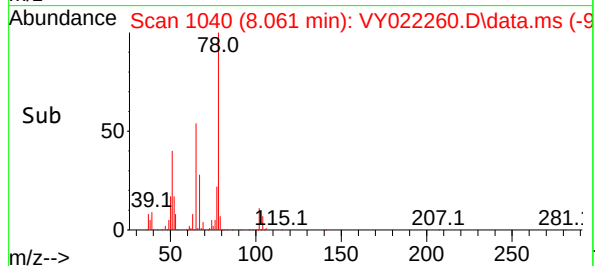
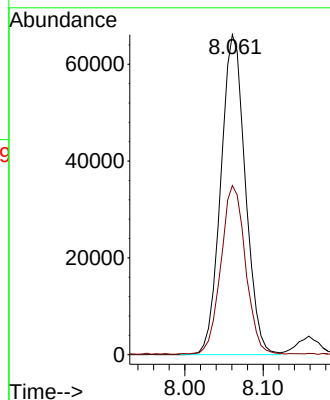
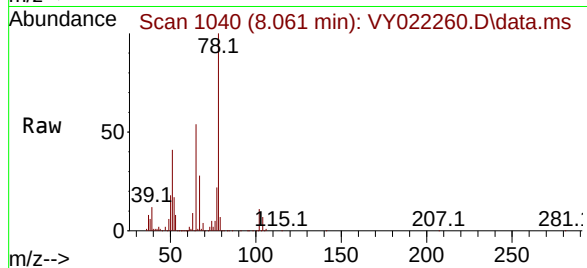
65 100

67 52.8 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

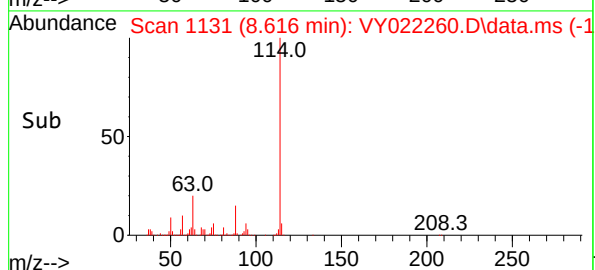
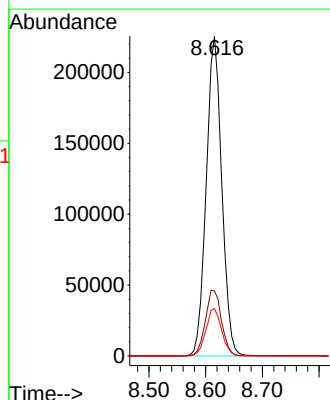
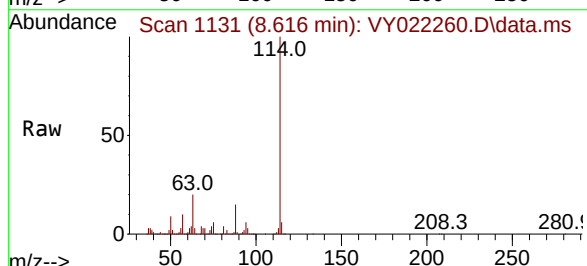
Tgt Ion:114 Resp: 428969

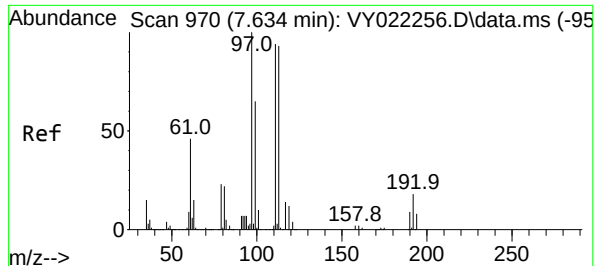
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.658 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion:113 Resp: 13226

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

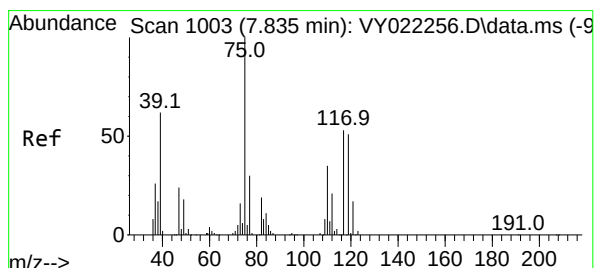
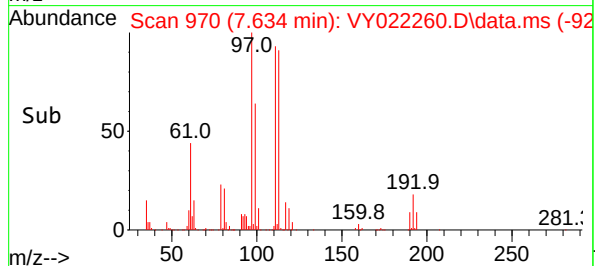
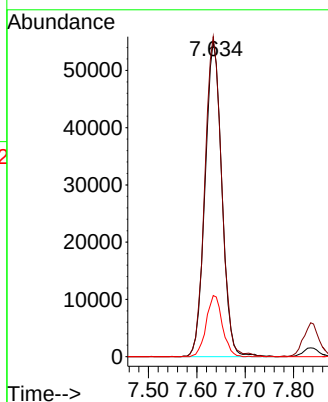
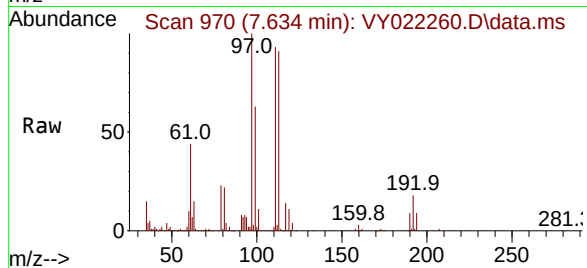
192 18.7 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 50.457 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

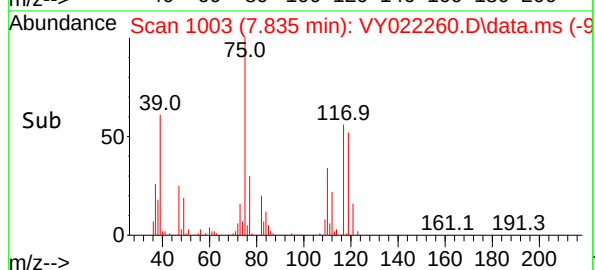
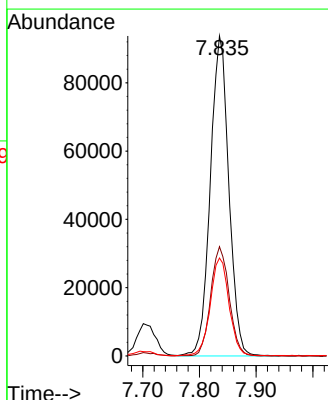
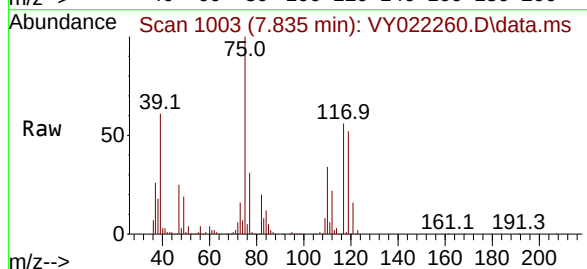
Tgt Ion: 75 Resp: 212786

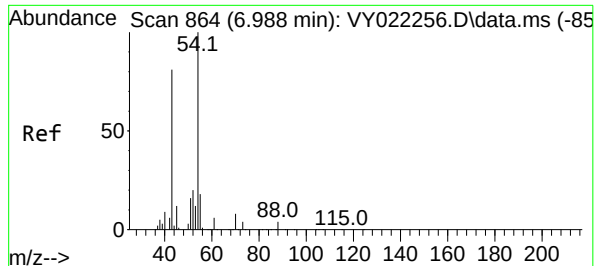
Ion Ratio Lower Upper

75 100

110 34.0 16.6 49.8

77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 50.633 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 43 Resp: 102740

Ion Ratio Lower Upper

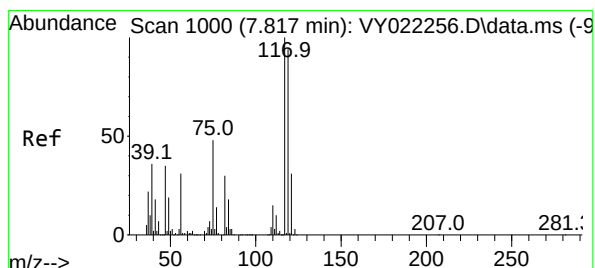
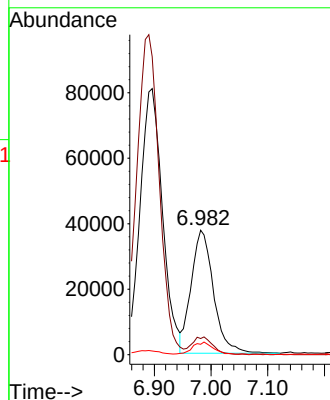
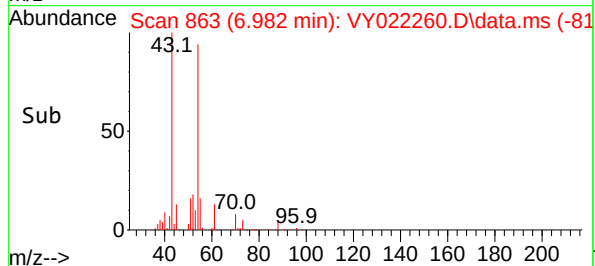
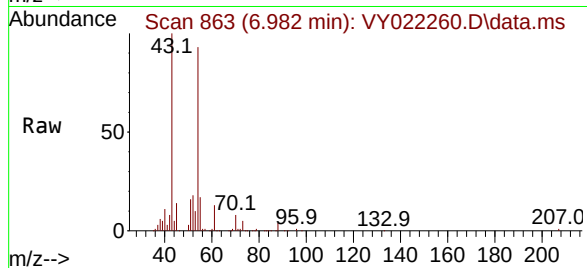
43 100

61 13.9 10.2 15.2

70 8.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#38

Carbon Tetrachloride

Concen: 50.543 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

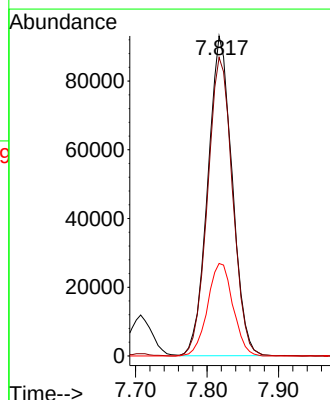
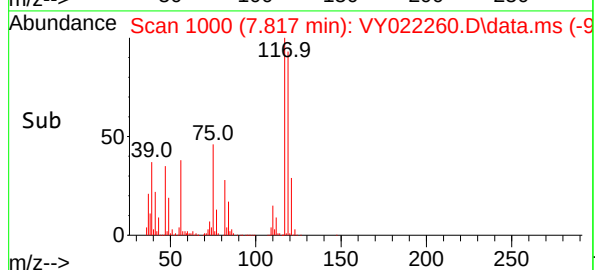
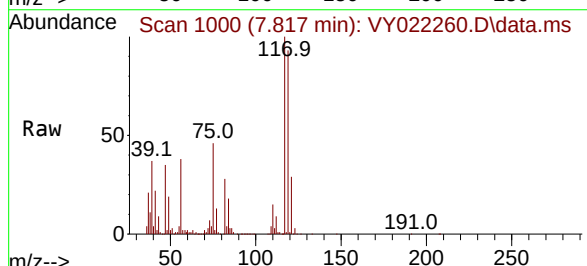
Tgt Ion:117 Resp: 220636

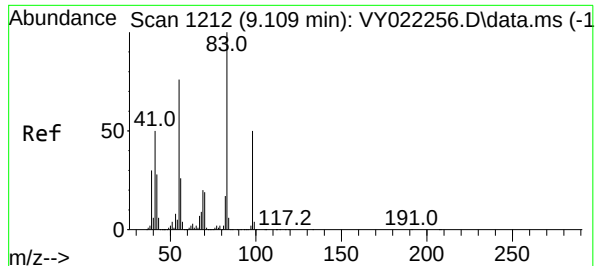
Ion Ratio Lower Upper

117 100

119 93.3 75.3 112.9

121 28.9 24.7 37.1





#39

Methylcyclohexane

Concen: 50.015 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 83 Resp: 28337

Ion Ratio Lower Upper

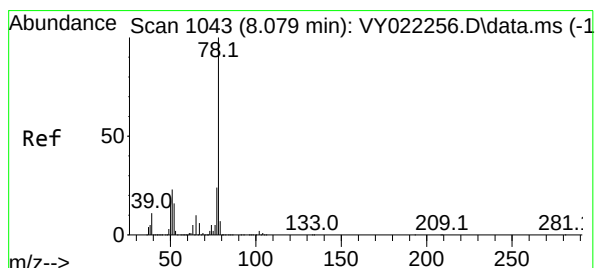
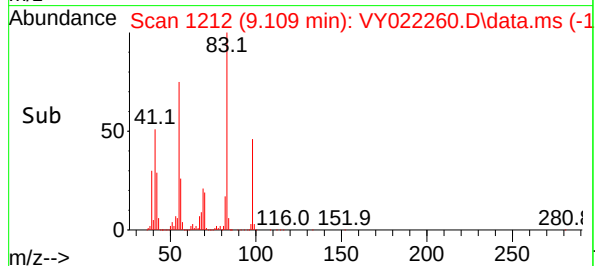
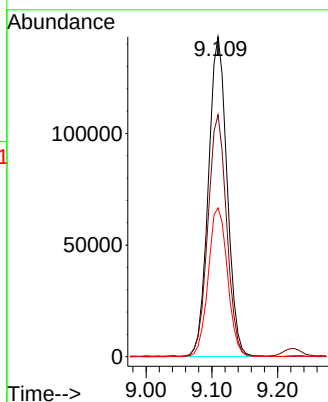
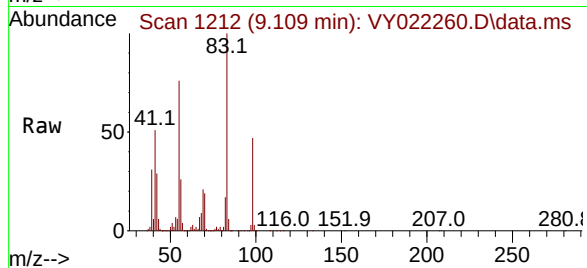
83 100

55 75.5 60.6 90.8

98 46.5 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#40

Benzene

Concen: 51.696 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022260.D

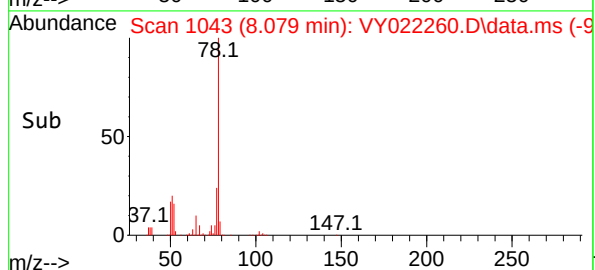
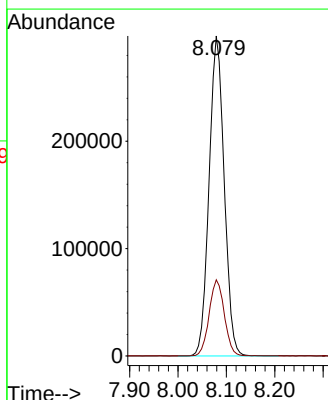
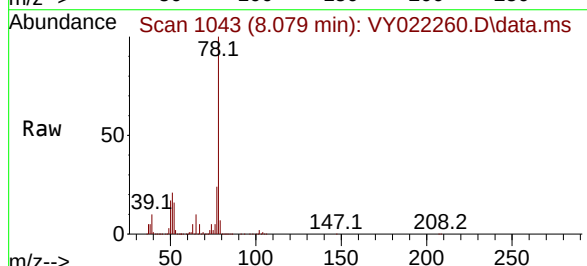
Acq: 15 May 2025 13:20

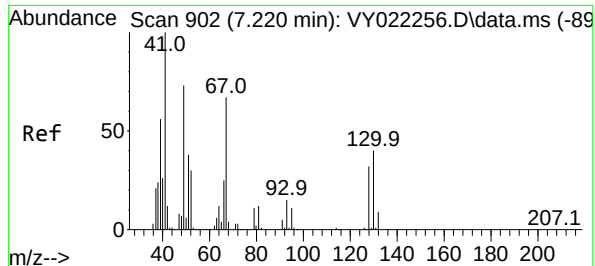
Tgt Ion: 78 Resp: 646289

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3





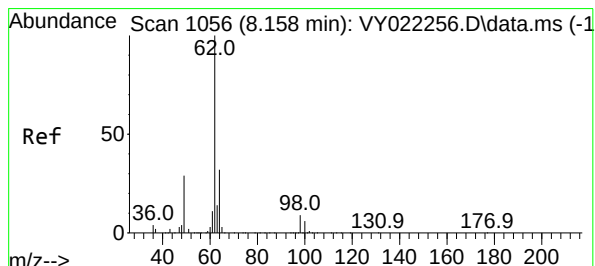
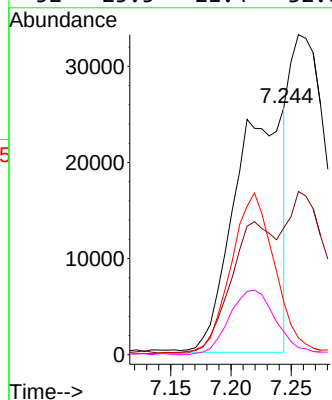
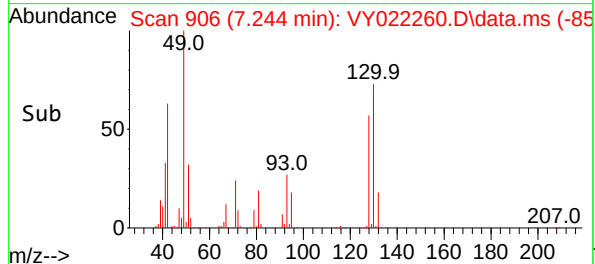
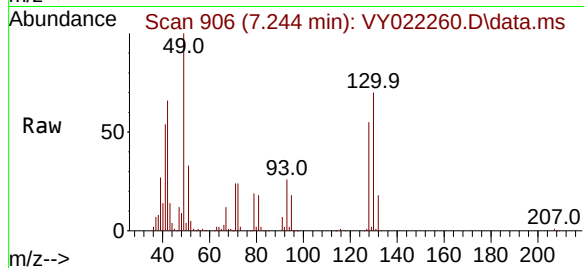
#41
Methacrylonitrile
Concen: 53.599 ug/l m
RT: 7.244 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion: 41 Resp: 7214
Ion Ratio Lower Upper
41 100
39 48.1 39.1 58.7
67 58.4 47.1 70.7
52 25.5 21.4 32.0

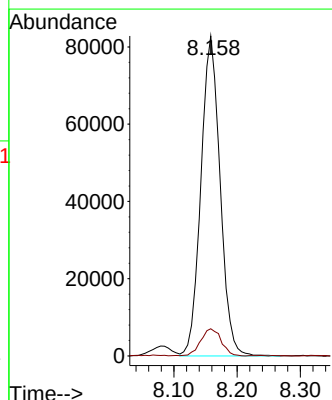
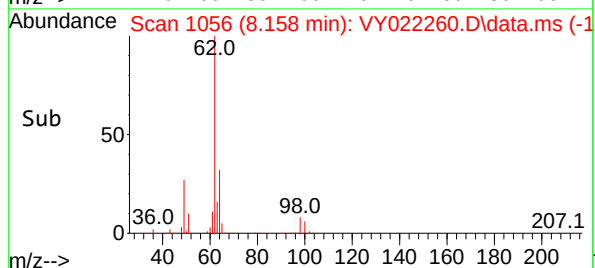
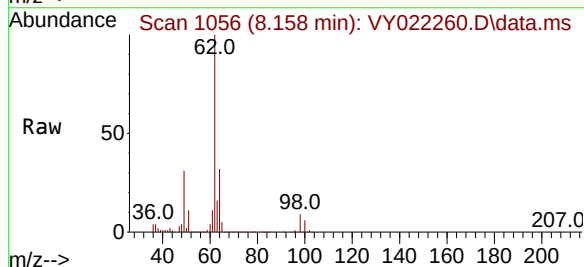
Manual Integrations
APPROVED

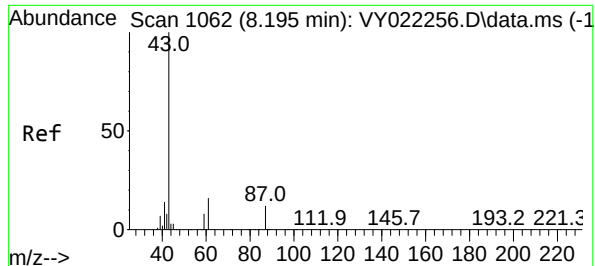
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 51.834 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 62 Resp: 175241
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 51.415 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY022260.D

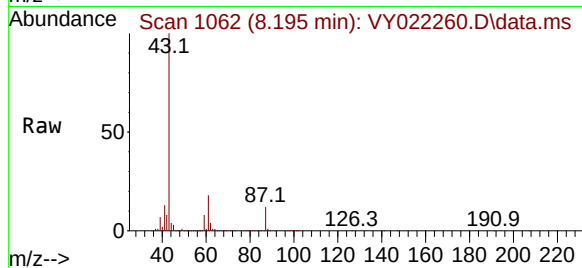
Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525



Tgt Ion: 43 Resp: 22752

Ion Ratio Lower Upper

43 100

61 26.5 15.1 22.7

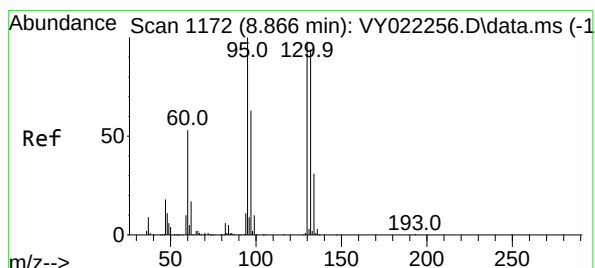
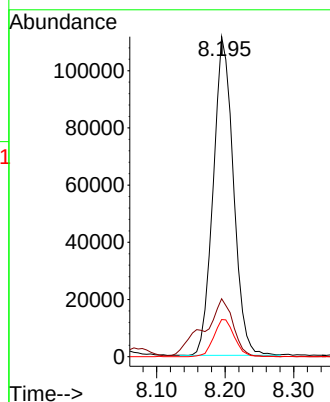
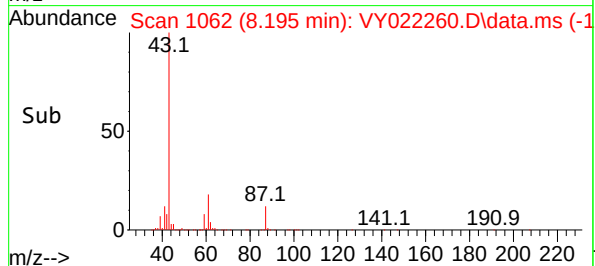
87 11.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#44

Trichloroethene

Concen: 50.335 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022260.D

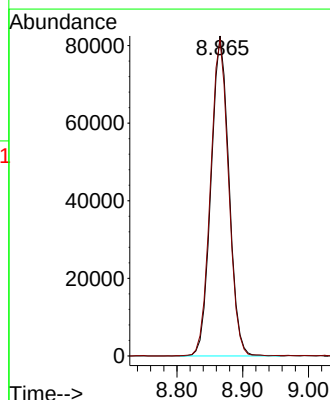
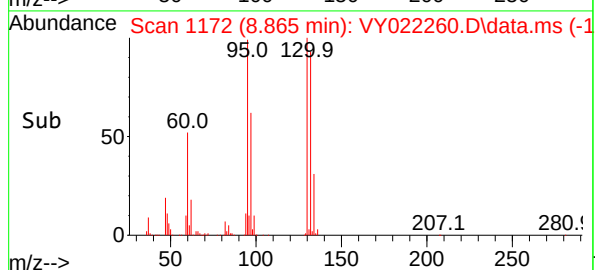
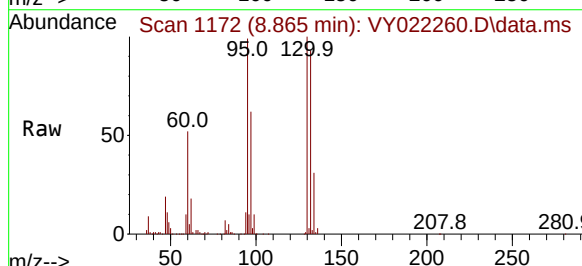
Acq: 15 May 2025 13:20

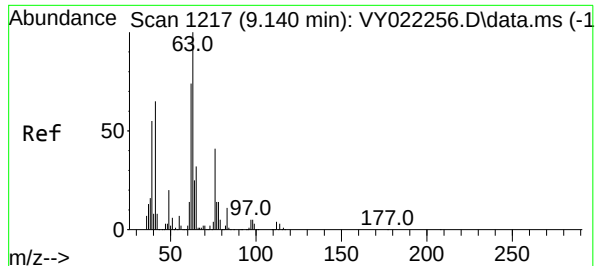
Tgt Ion:130 Resp: 156468

Ion Ratio Lower Upper

130 100

95 98.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.417 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 63 Resp: 15497

Ion Ratio Lower Upper

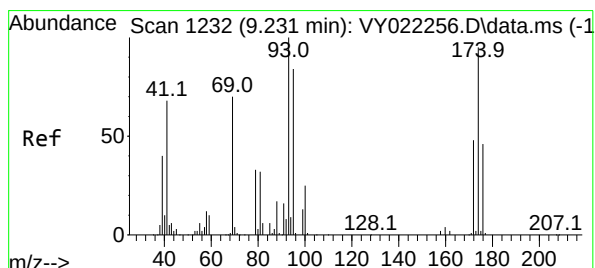
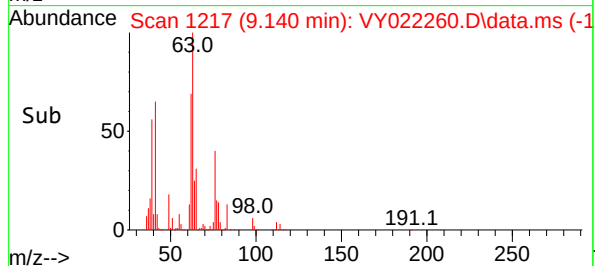
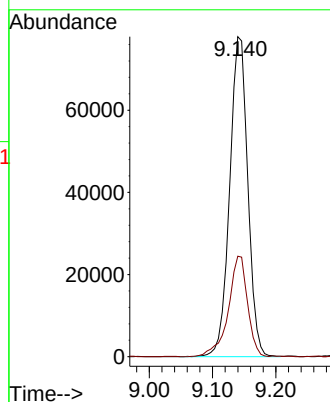
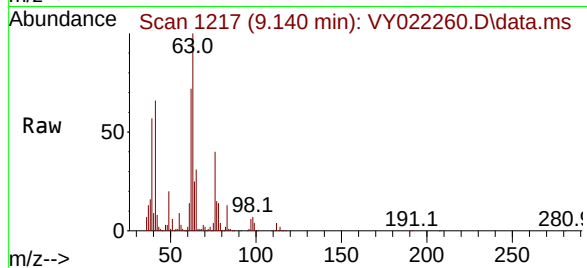
63 100

65 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 51.423 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

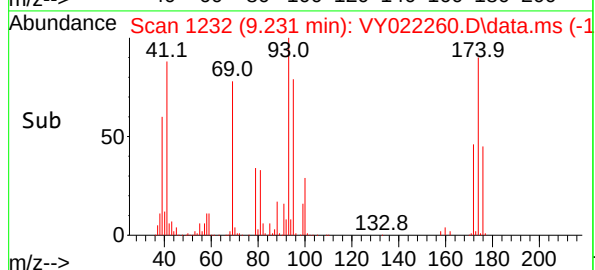
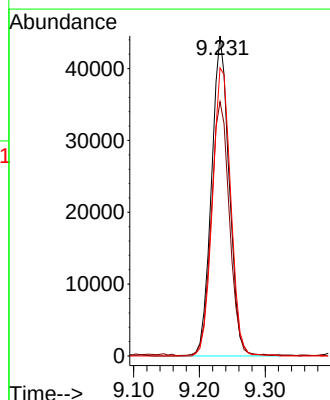
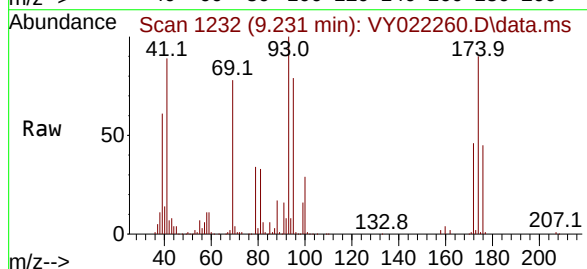
Tgt Ion: 93 Resp: 83597

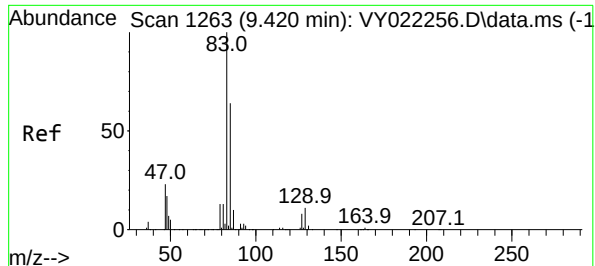
Ion Ratio Lower Upper

93 100

95 81.4 65.2 97.8

174 92.4 74.3 111.5





#47

Bromodichloromethane

Concen: 52.508 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 83 Resp: 221440

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

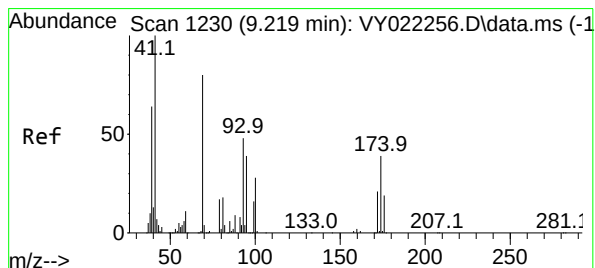
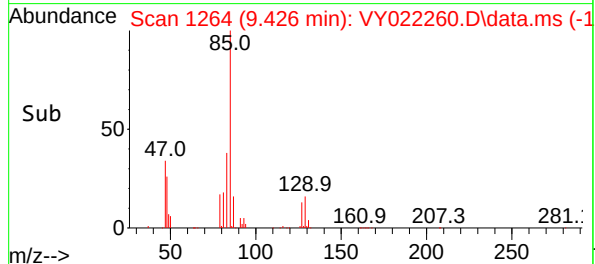
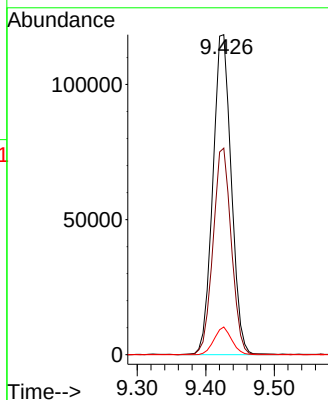
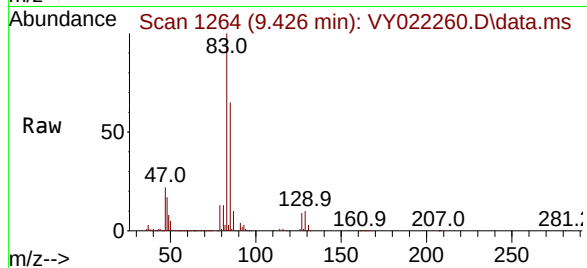
127 8.6 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#48

Methyl methacrylate

Concen: 51.357 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

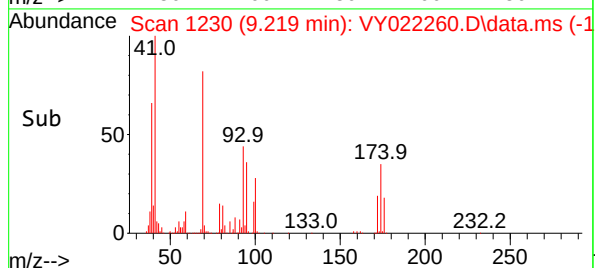
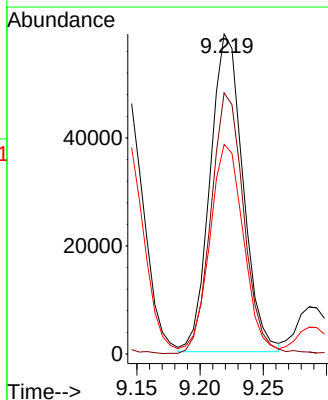
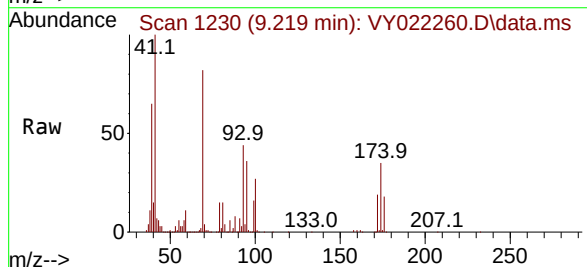
Tgt Ion: 41 Resp: 106283

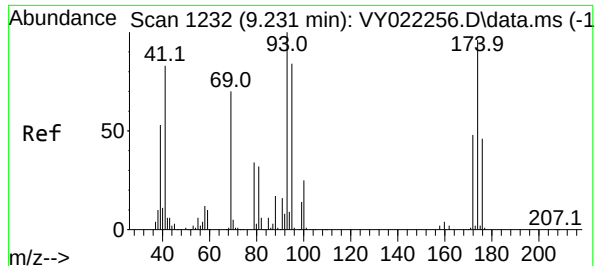
Ion Ratio Lower Upper

41 100

69 81.5 63.5 95.3

39 64.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1008.479 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion: 88 Resp: 1852

Ion Ratio Lower Upper

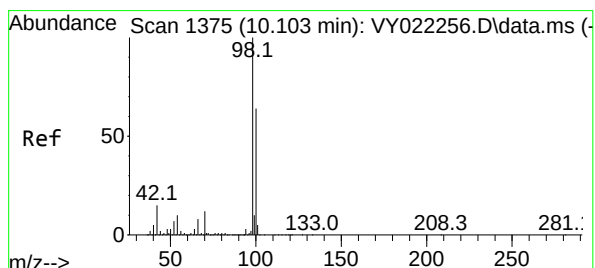
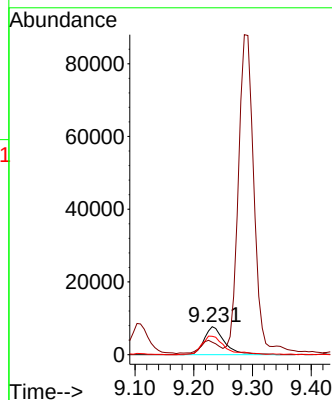
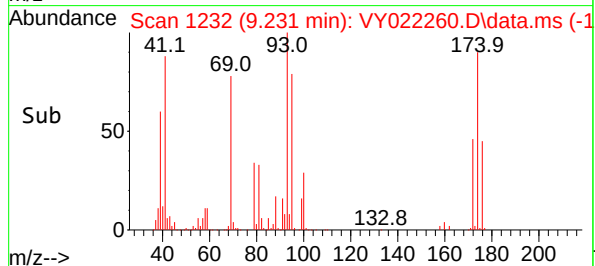
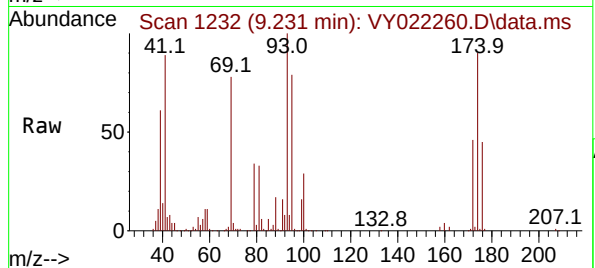
88 100

43 40.7 28.5 42.7

58 74.5 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#50

Toluene-d8

Concen: 51.229 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022260.D

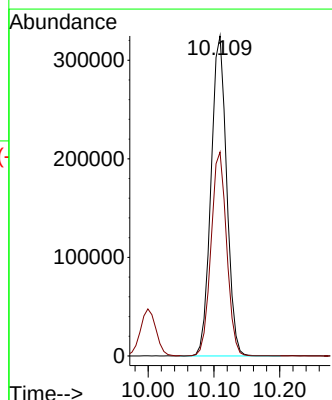
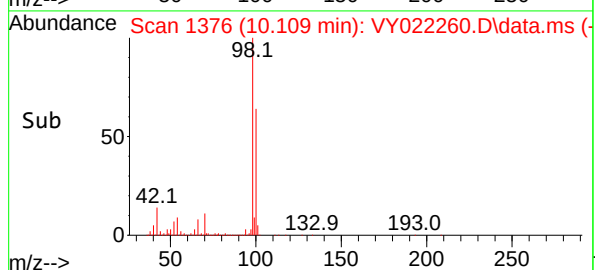
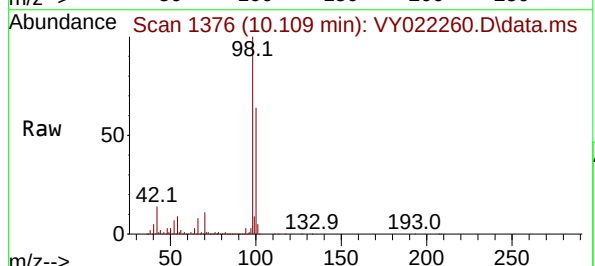
Acq: 15 May 2025 13:20

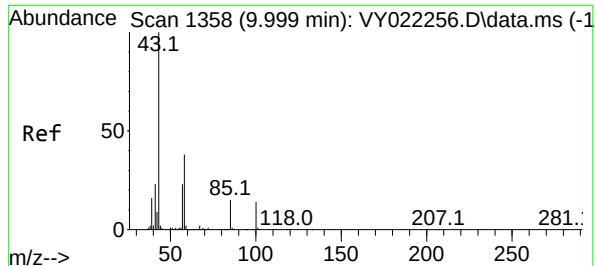
Tgt Ion: 98 Resp: 537188

Ion Ratio Lower Upper

98 100

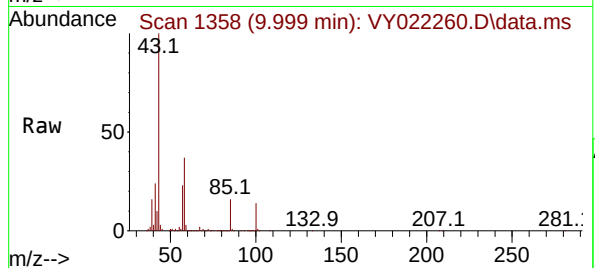
100 63.6 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 261.463 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

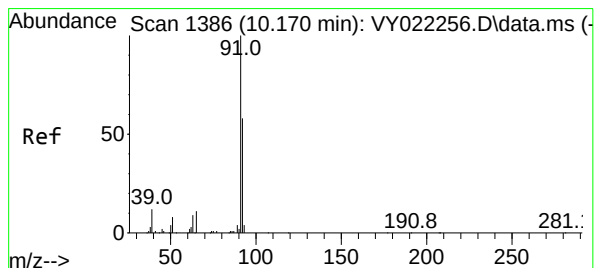
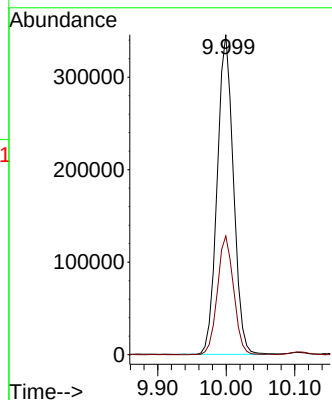
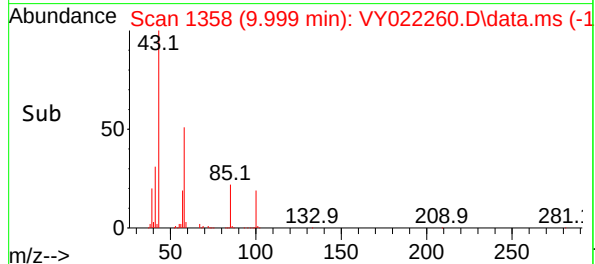
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 43 Resp: 56772
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2

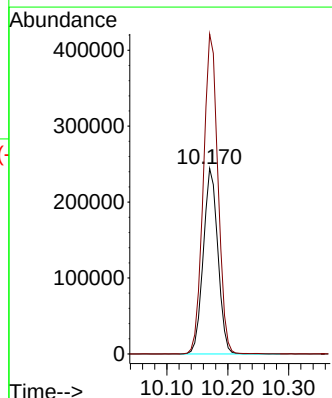
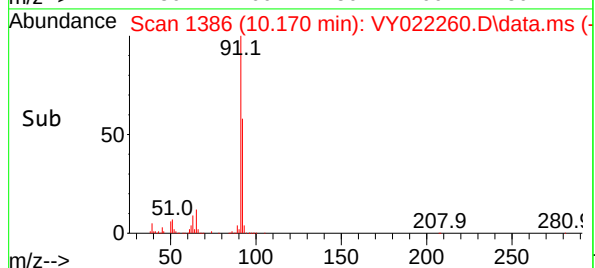
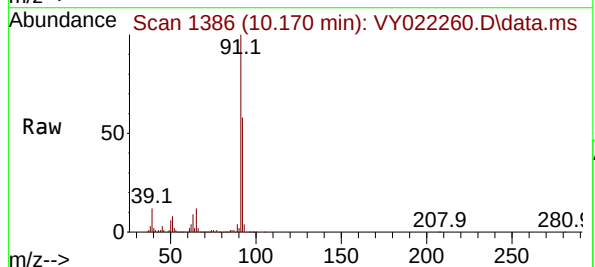
Manual Integrations
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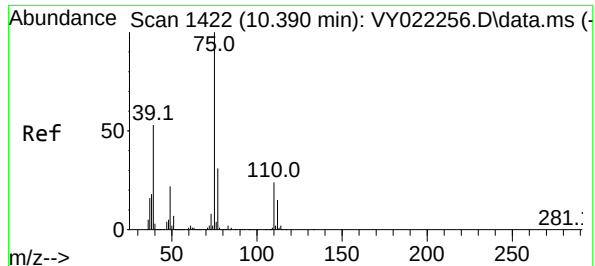
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 51.337 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

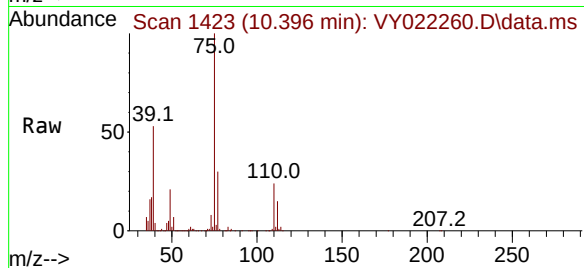
Tgt Ion: 92 Resp: 406420
Ion Ratio Lower Upper
92 100
91 173.0 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 51.458 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

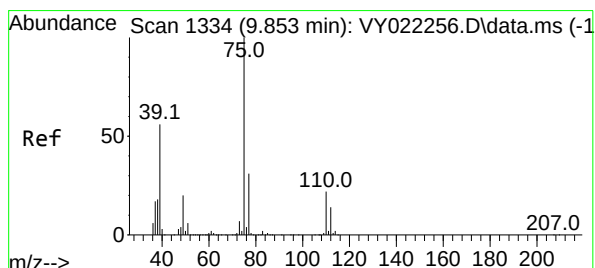
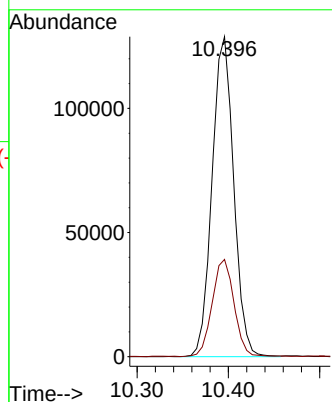
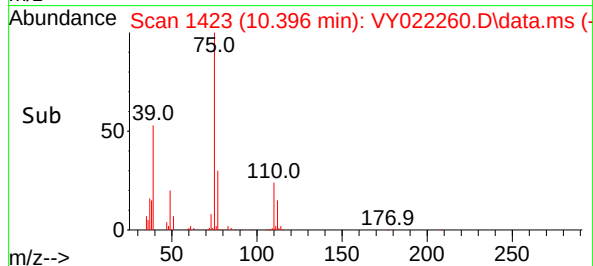
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 75 Resp: 211790
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6

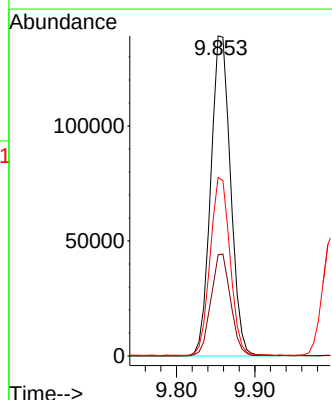
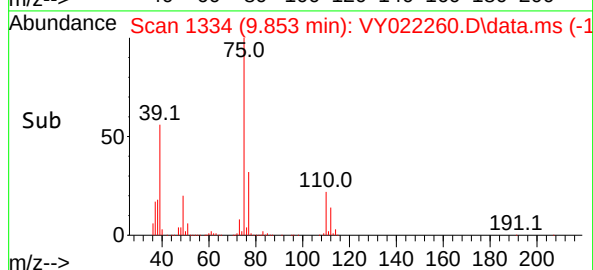
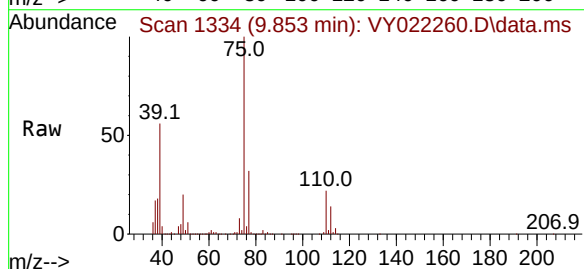
Manual Integrations
APPROVED

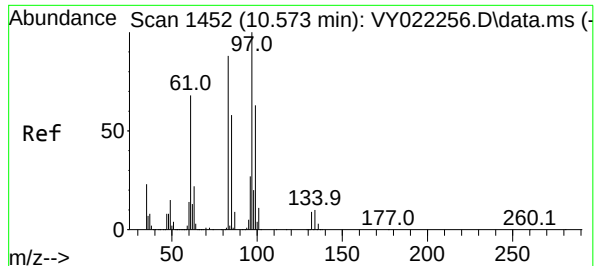
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 51.916 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

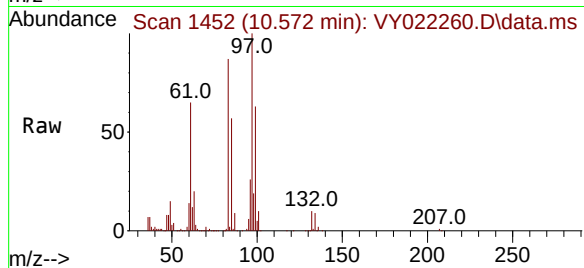
Tgt Ion: 75 Resp: 244811
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 55.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 51.142 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

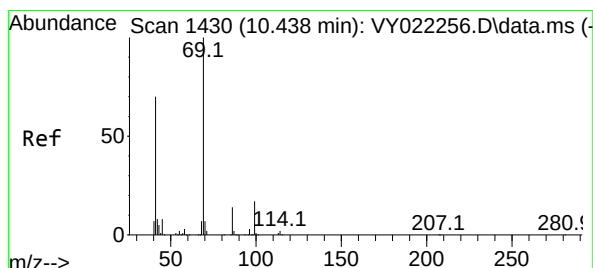
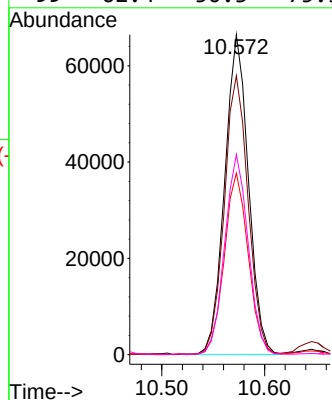
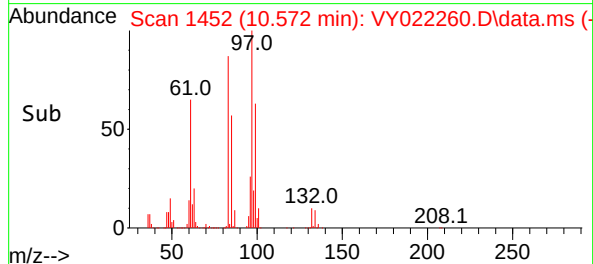
Instrument : MSVOA_Y
ClientSampleId : ICVVY051525



Tgt Ion: 97 Resp: 106464
Ion Ratio Lower Upper
97 100
83 87.0 70.3 105.5
85 56.6 46.2 69.4
99 62.4 50.3 75.5

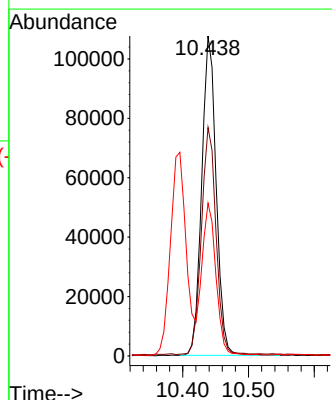
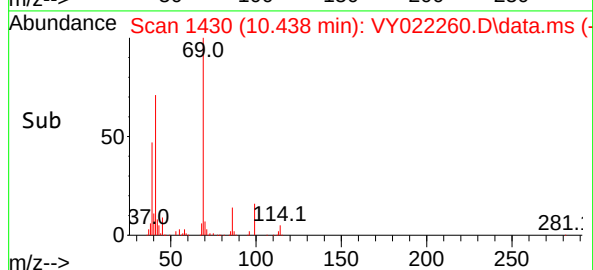
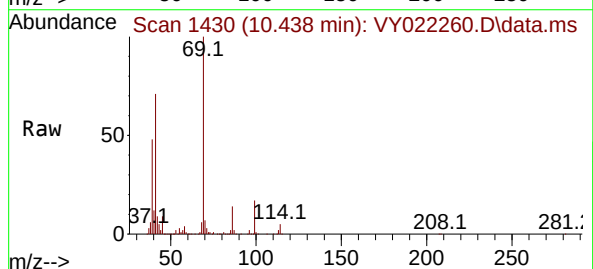
Manual Integrations
APPROVED

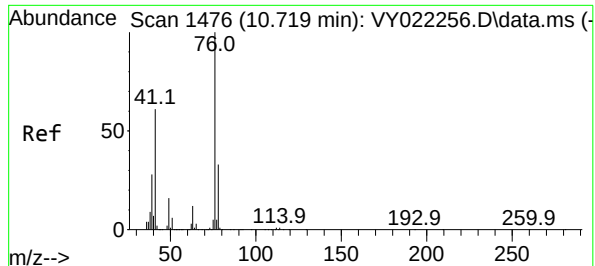
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#56
Ethyl methacrylate
Concen: 50.639 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

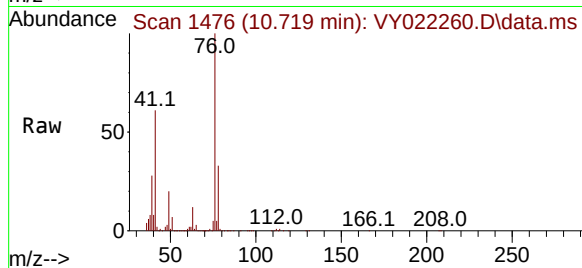
Tgt Ion: 69 Resp: 164207
Ion Ratio Lower Upper
69 100
41 71.9 56.5 84.7
39 45.6 37.1 55.7





#57
1,3-Dichloropropane
Concen: 51.880 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

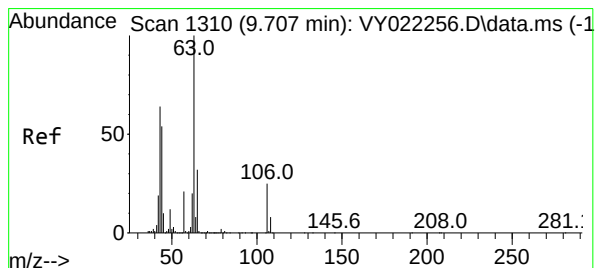
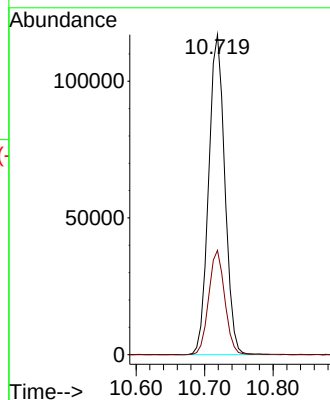
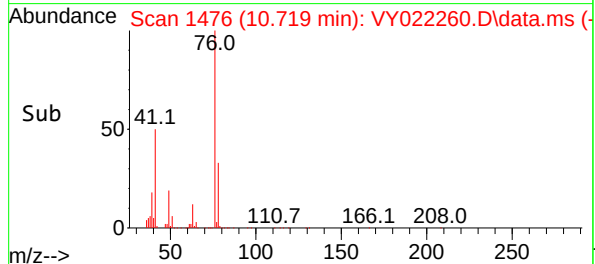
Instrument :
MSVOA_Y
ClientSampleId :
ICVY051525



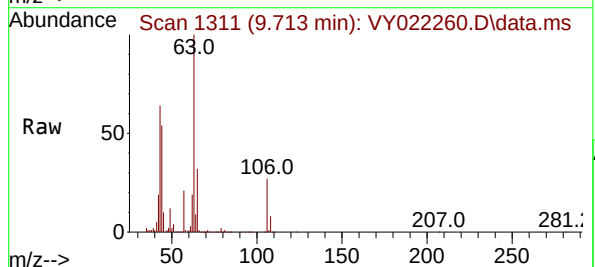
Tgt Ion: 76 Resp: 191889
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations
APPROVED

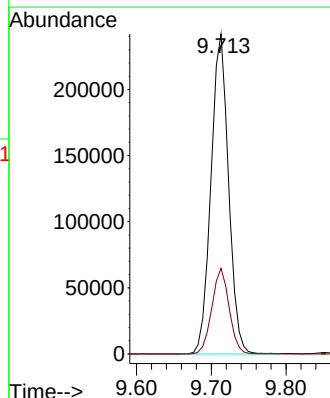
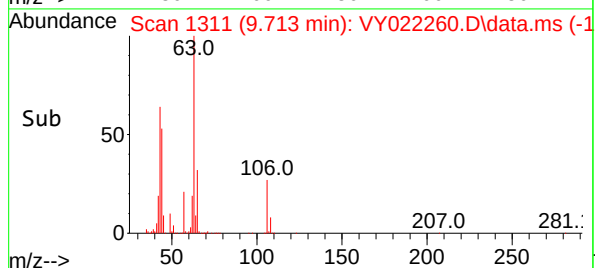
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

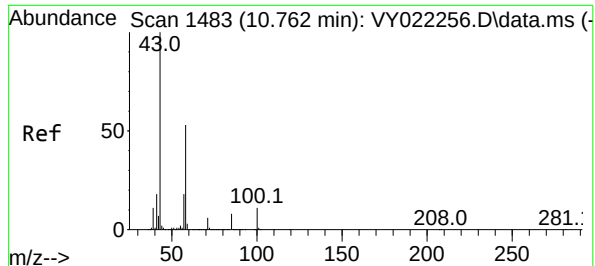


#58
2-Chloroethyl Vinyl ether
Concen: 271.104 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



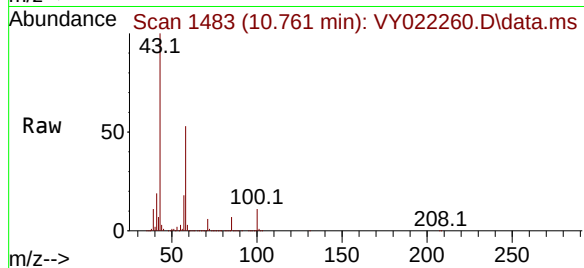
Tgt Ion: 63 Resp: 394587
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.4





#59
2-Hexanone
Concen: 257.738 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

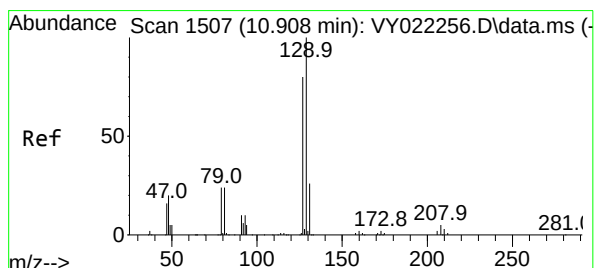
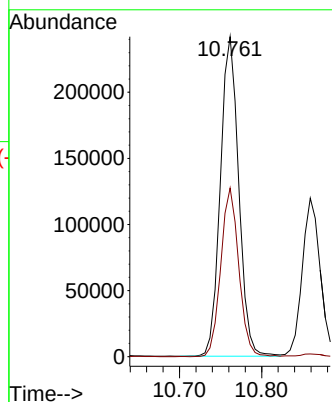
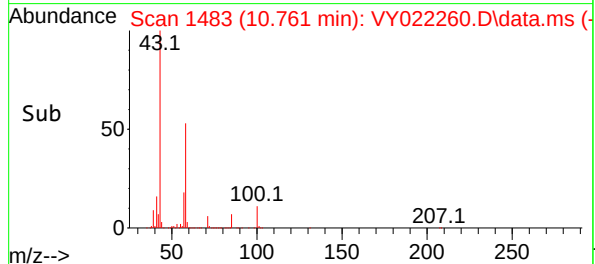
Instrument :
MSVOA_Y
ClientSampleId :
ICVY051525



Tgt Ion: 43 Resp: 375224
Ion Ratio Lower Upper
43 100
58 52.0 26.1 78.3

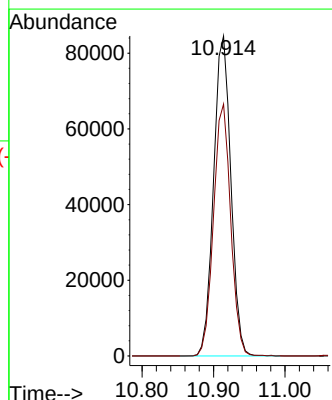
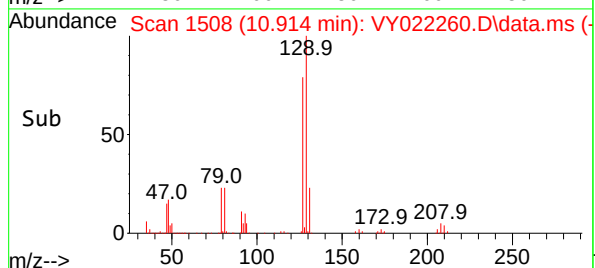
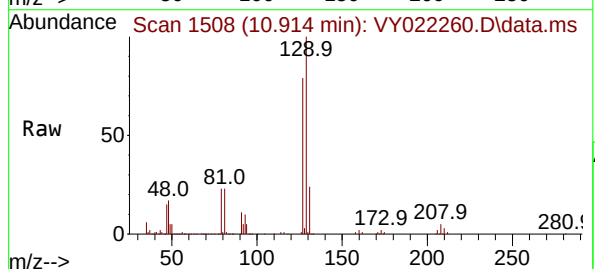
Manual Integrations
APPROVED

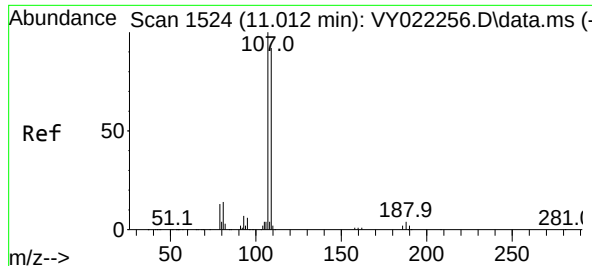
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 52.425 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

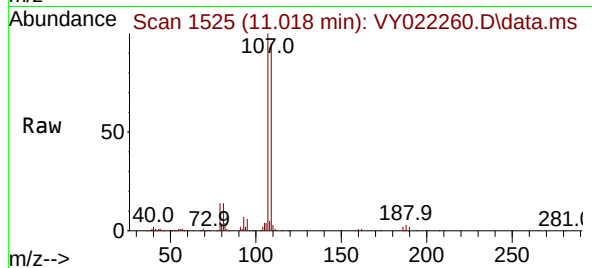
Tgt Ion:129 Resp: 141652
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 51.428 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

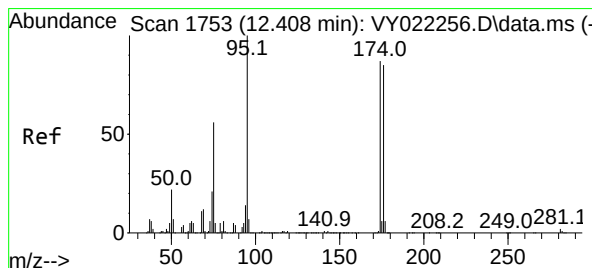
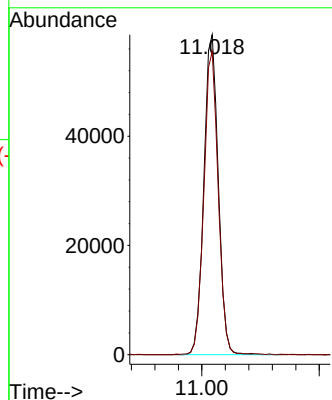
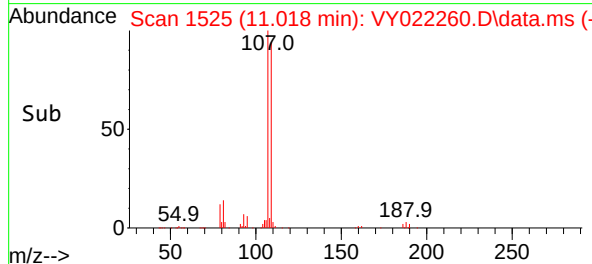
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion:107 Resp: 9978
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8

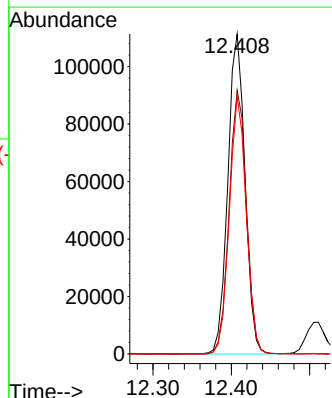
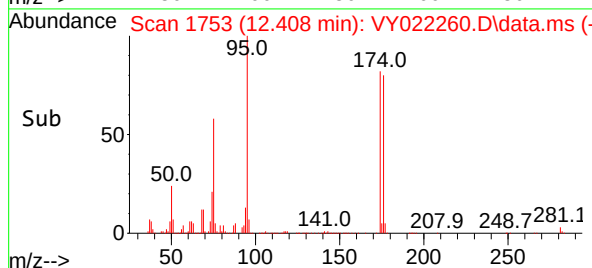
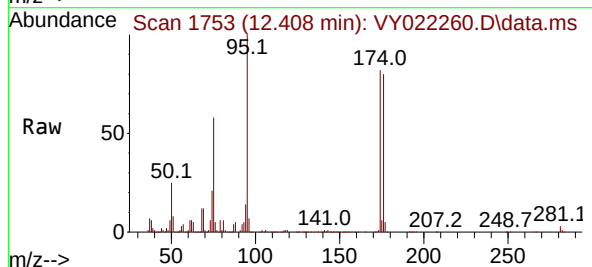
Manual Integrations
APPROVED

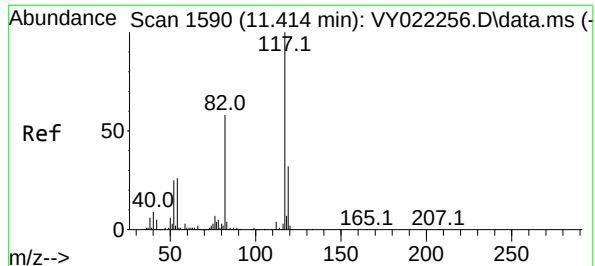
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 51.020 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

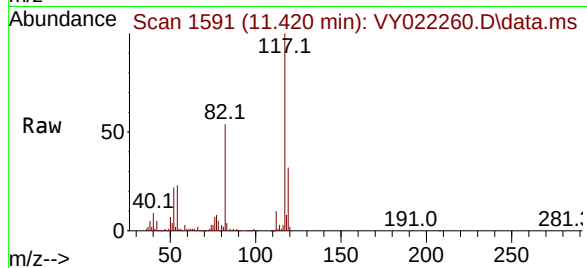
Tgt Ion: 95 Resp: 169575
Ion Ratio Lower Upper
95 100
174 83.5 0.0 166.8
176 79.1 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

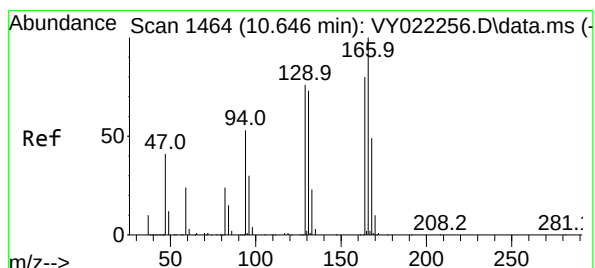
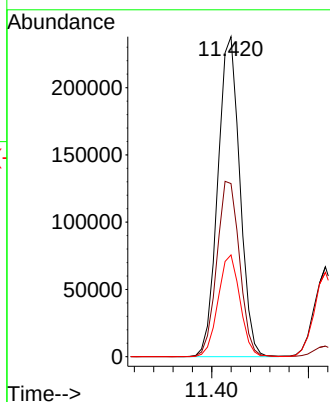
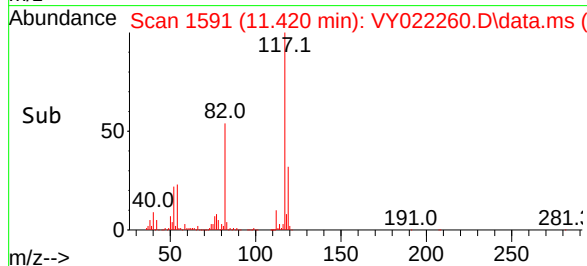
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



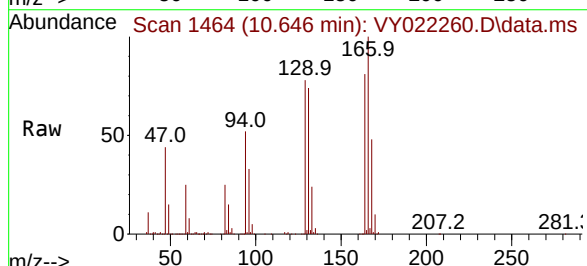
Tgt Ion:117 Resp: 375548
Ion Ratio Lower Upper
117 100
82 54.1 46.6 70.0
119 31.8 25.8 38.6

Manual Integrations
APPROVED

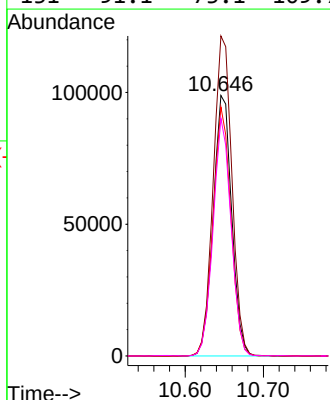
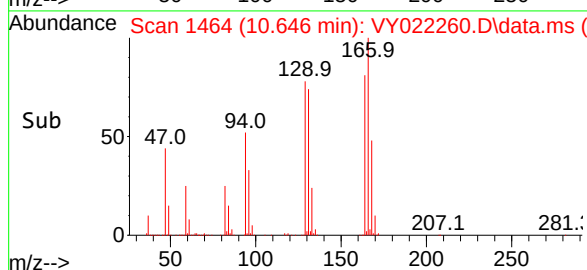
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

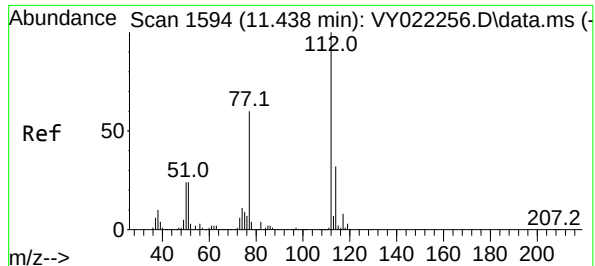


#64
Tetrachloroethene
Concen: 46.905 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



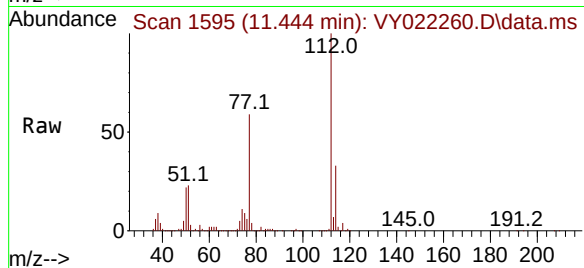
Tgt Ion:164 Resp: 162818
Ion Ratio Lower Upper
164 100
166 122.8 100.4 150.6
129 95.5 76.4 114.6
131 91.1 73.1 109.7





#65
Chlorobenzene
Concen: 49.827 ug/l
RT: 11.444 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

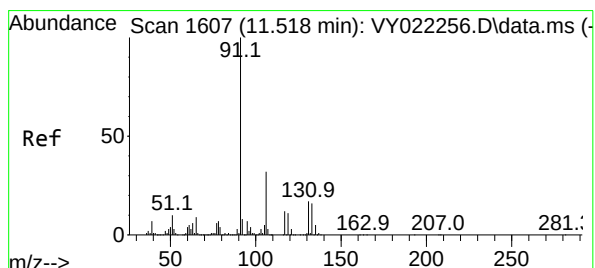
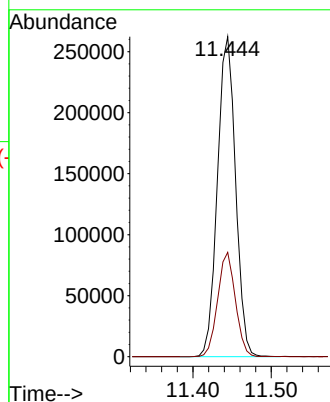
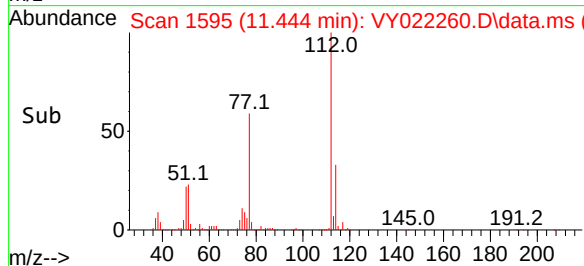
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion:112 Resp: 422170
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

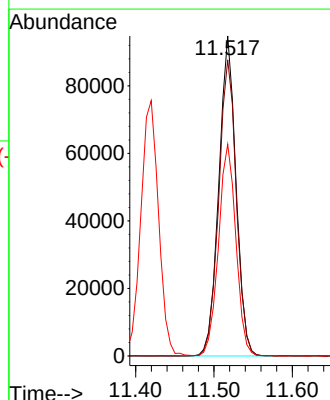
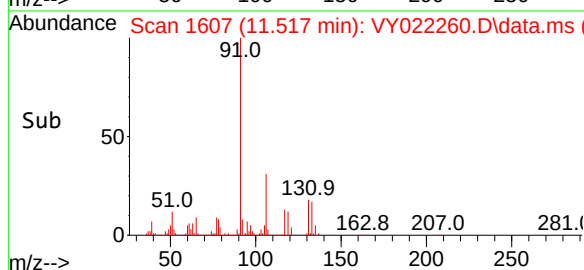
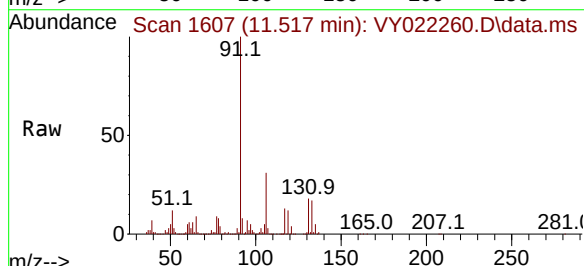
Manual Integrations
APPROVED

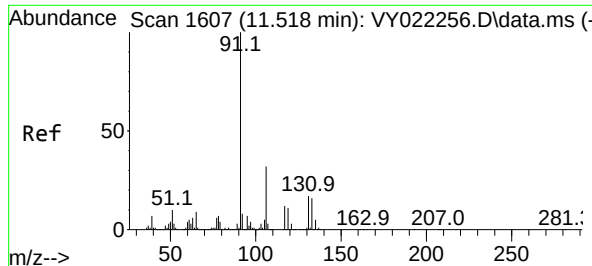
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.656 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

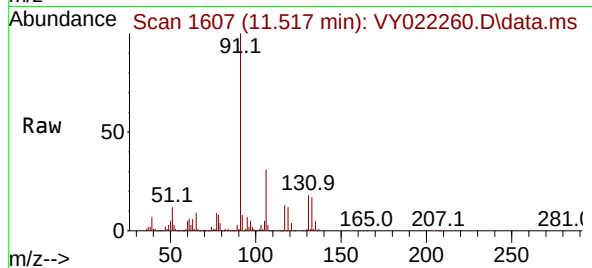
Tgt Ion:131 Resp: 144636
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 67.0 33.1 99.2





#67
Ethyl Benzene
Concen: 50.100 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

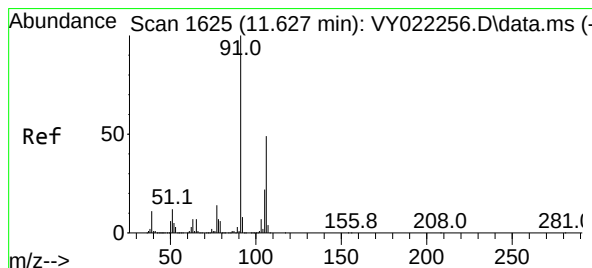
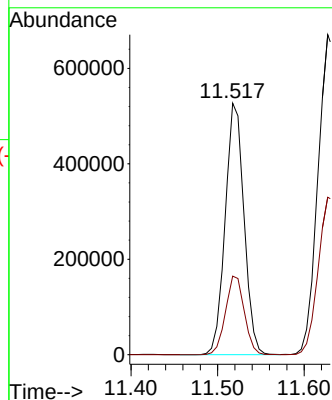
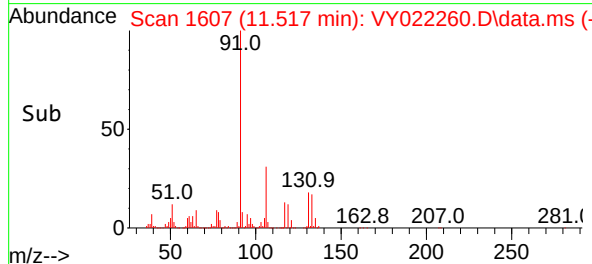
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 91 Resp: 794978
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

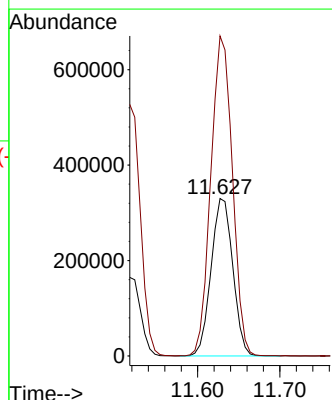
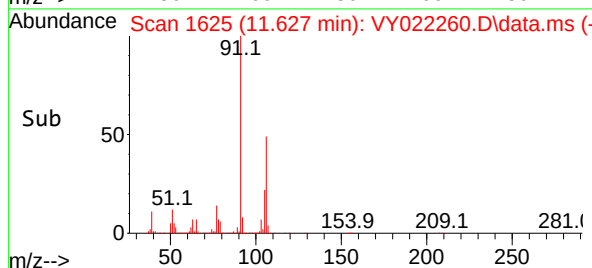
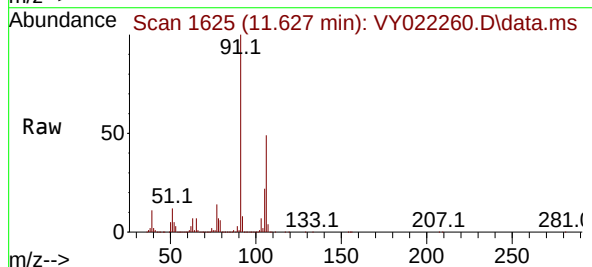
Manual Integrations
APPROVED

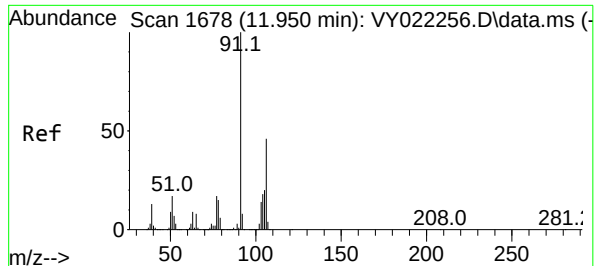
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#68
m/p-Xylenes
Concen: 101.087 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion:106 Resp: 604420
Ion Ratio Lower Upper
106 100
91 202.6 163.0 244.4





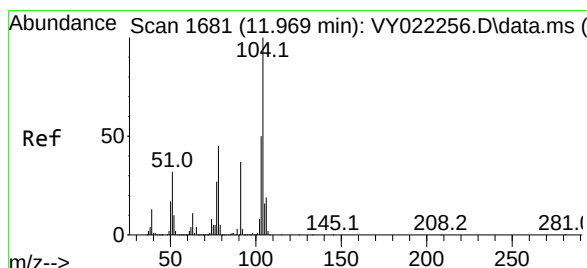
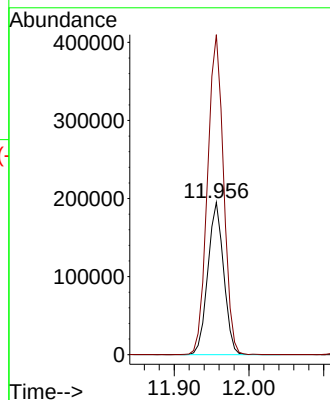
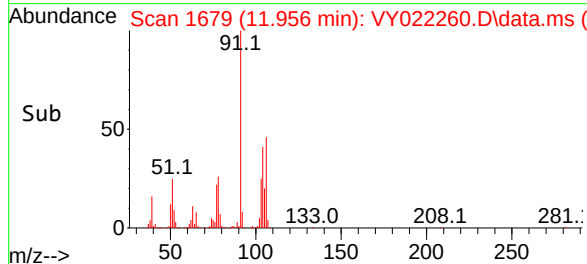
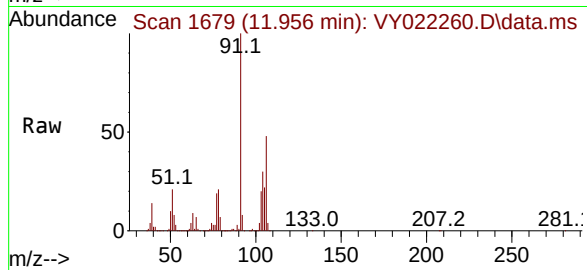
#69
o-Xylene
Concen: 50.682 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion:106 Resp: 286712
Ion Ratio Lower Upper
106 100
91 213.3 108.3 324.8

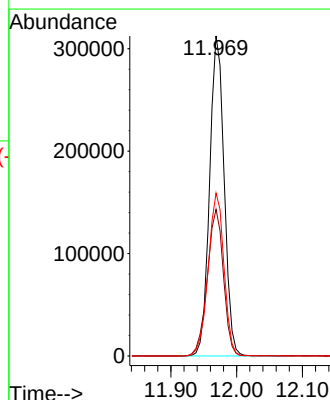
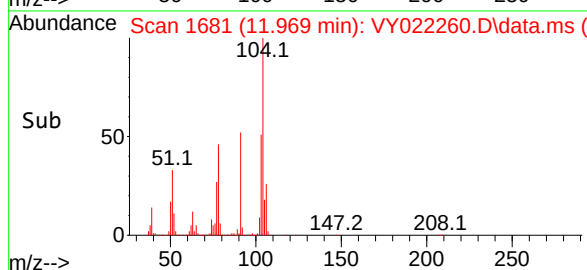
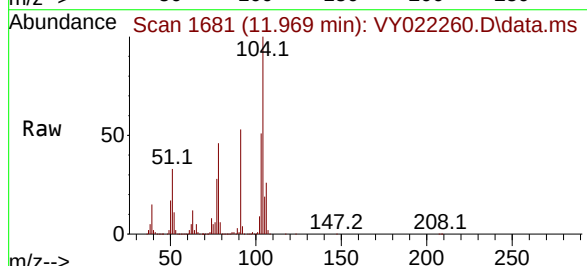
Manual Integrations
APPROVED

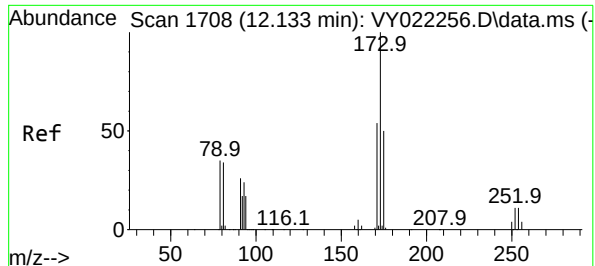
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 50.471 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

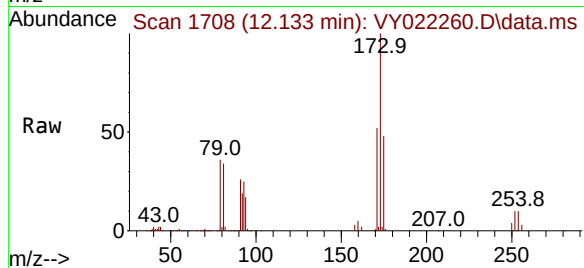
Tgt Ion:104 Resp: 481621
Ion Ratio Lower Upper
104 100
78 50.7 40.9 61.3
103 55.1 43.7 65.5





#71
Bromoform
Concen: 51.022 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

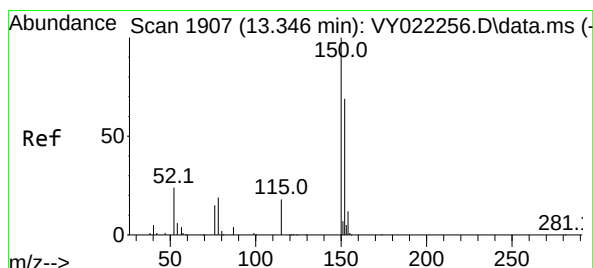
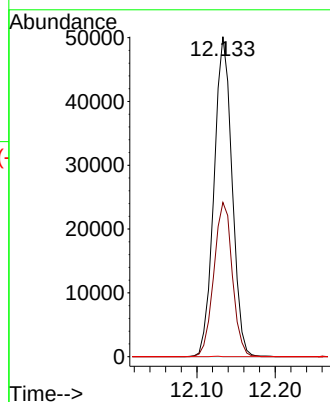
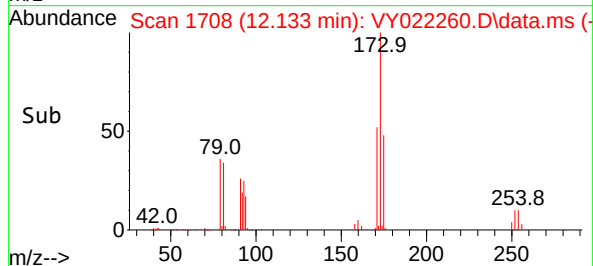
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion:173 Resp: 80210
Ion Ratio Lower Upper
173 100
175 49.3 24.7 74.1
254 0.1 0.0 0.0

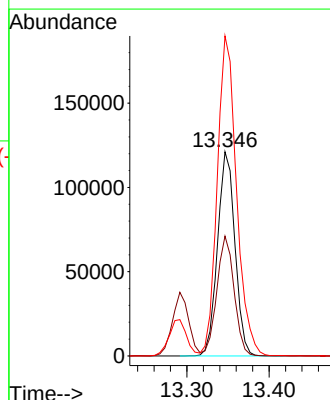
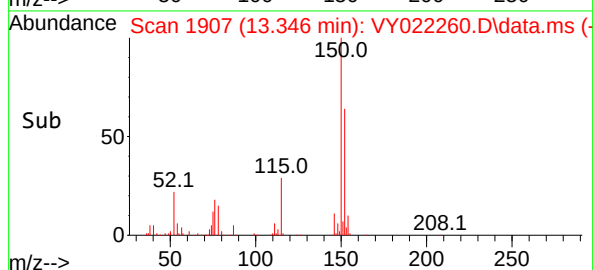
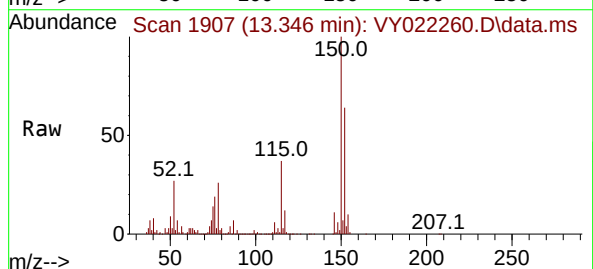
Manual Integrations
APPROVED

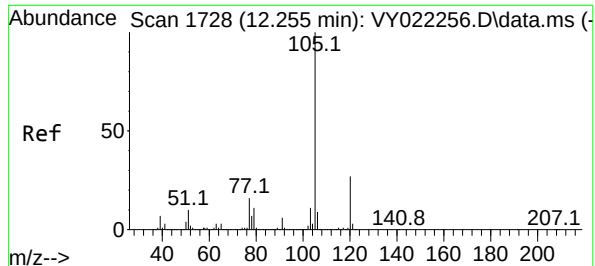
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

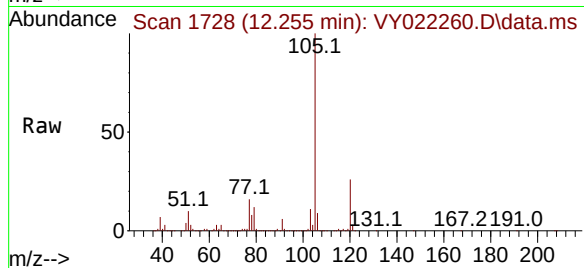
Tgt Ion:152 Resp: 178387
Ion Ratio Lower Upper
152 100
115 58.1 29.4 88.2
150 173.8 0.0 353.8





#73
Isopropylbenzene
Concen: 49.964 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

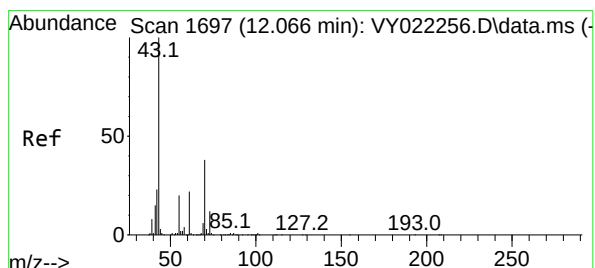
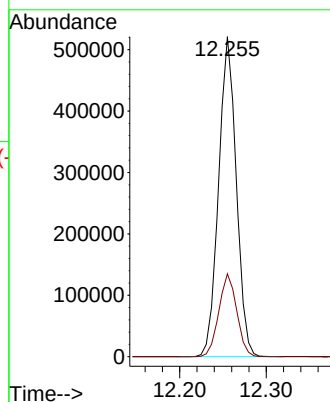
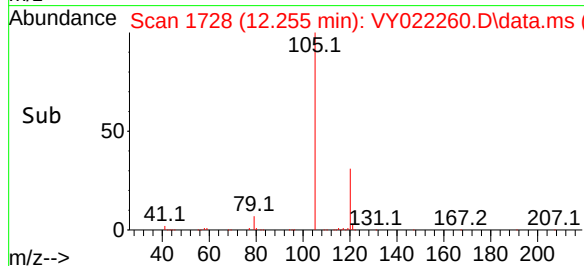
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion:105 Resp: 738398
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

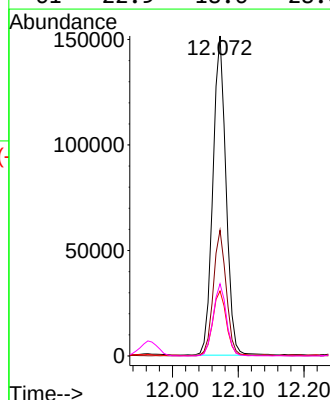
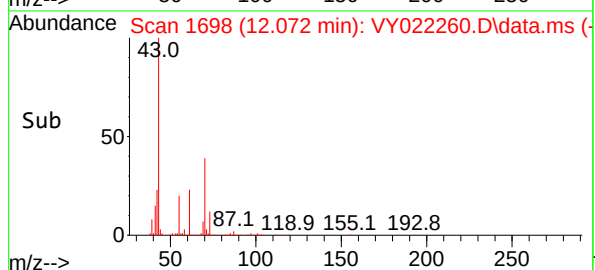
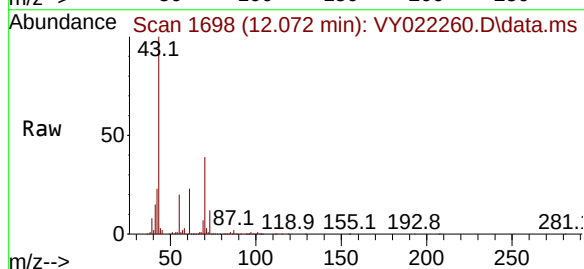
Manual Integrations
APPROVED

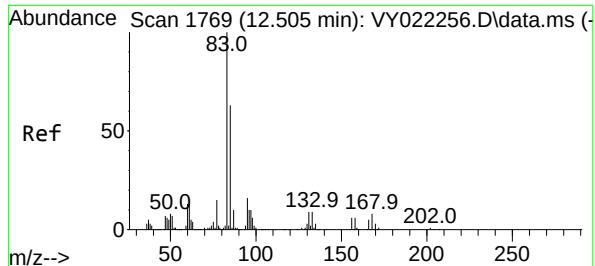
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#74
N-ethyl acetate
Concen: 49.805 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 43 Resp: 210510
Ion Ratio Lower Upper
43 100
70 39.0 31.4 47.0
55 20.7 17.0 25.6
61 22.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.062 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 83 Resp: 120599

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

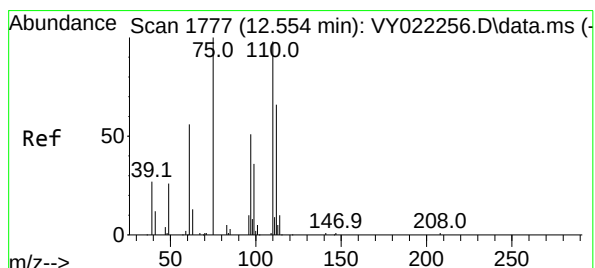
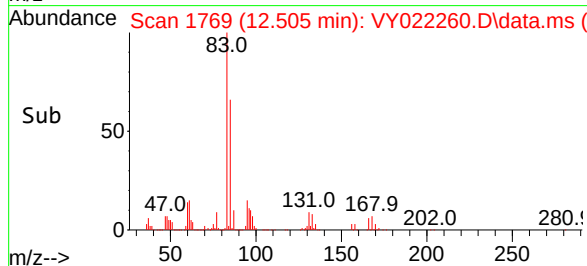
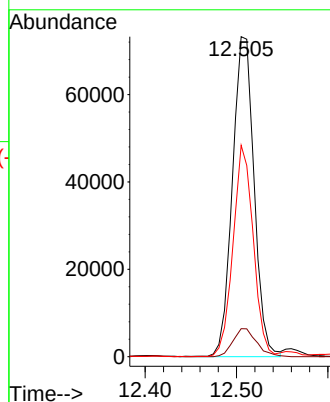
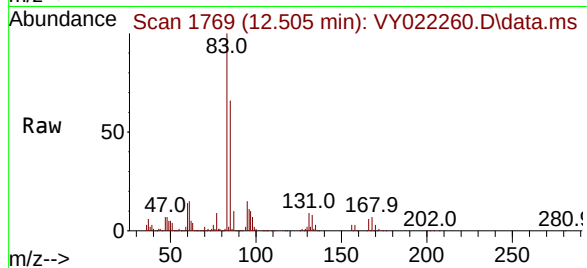
85 61.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#76

1,2,3-Trichloropropane

Concen: 53.564 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022260.D

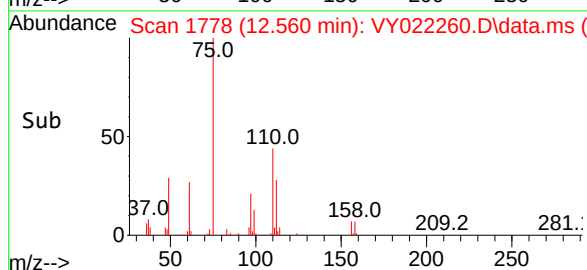
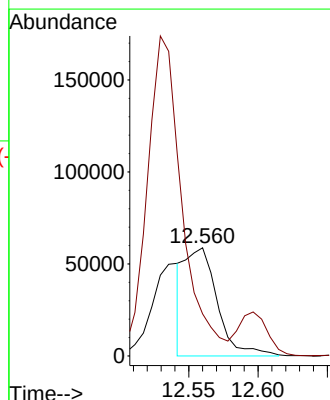
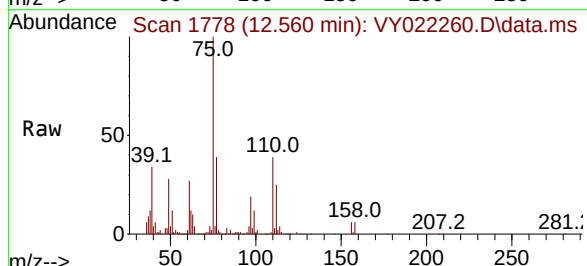
Acq: 15 May 2025 13:20

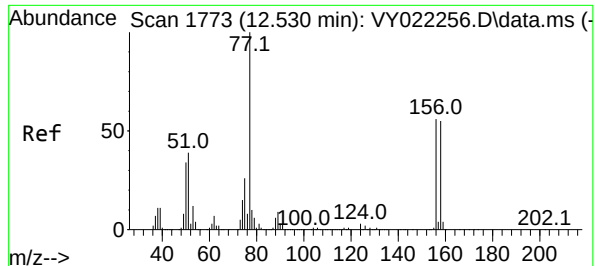
Tgt Ion: 75 Resp: 96804

Ion Ratio Lower Upper

75 100

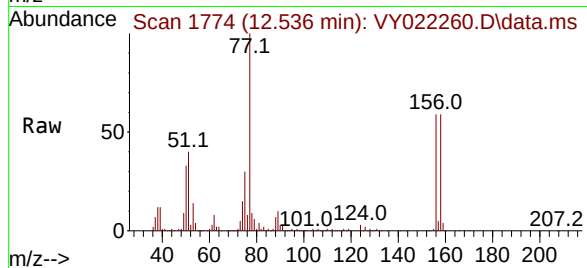
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.374 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

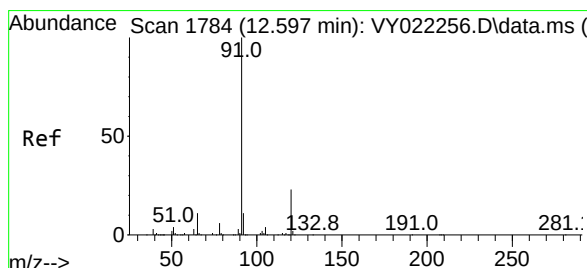
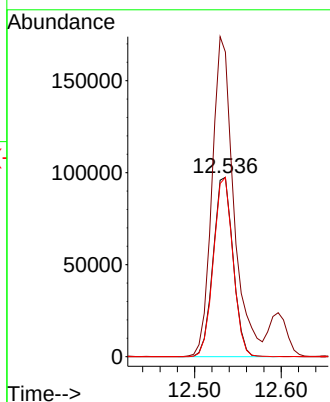
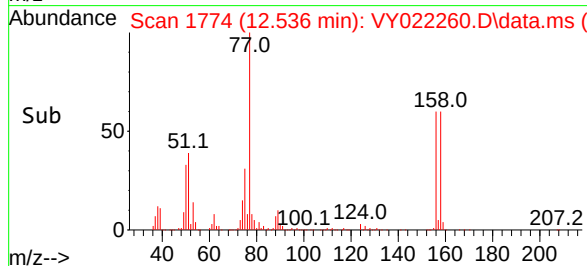
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 156 Resp: 15584
Ion Ratio Lower Upper
156 100
77 194.2 94.5 283.6
158 98.0 48.4 145.3

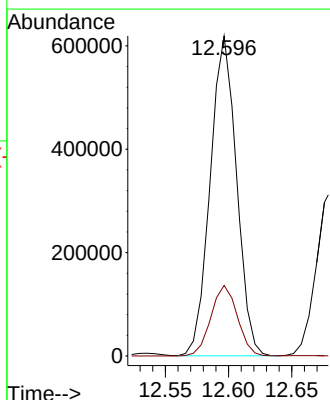
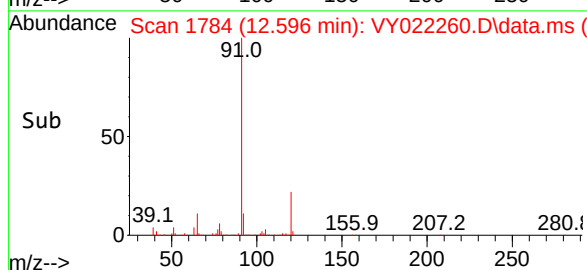
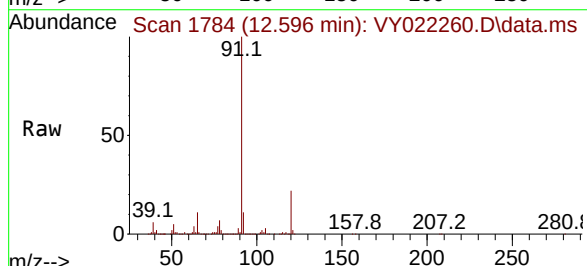
Manual Integrations
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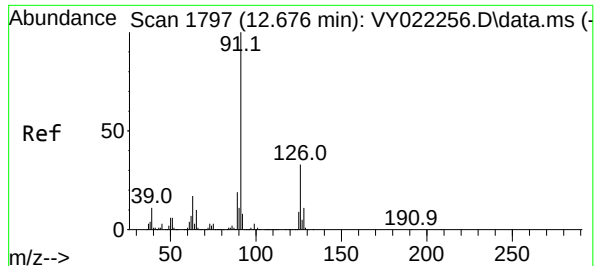
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 50.296 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 91 Resp: 896555
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





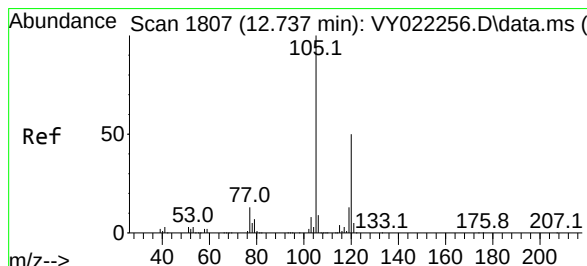
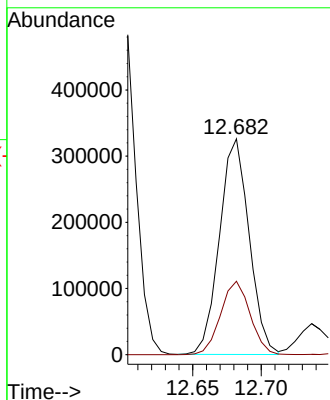
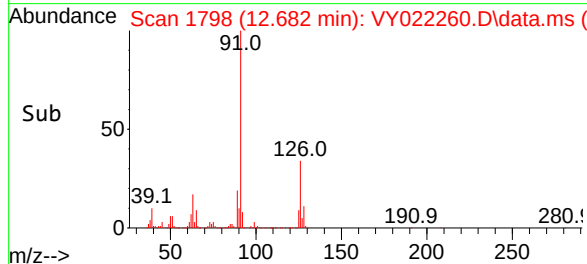
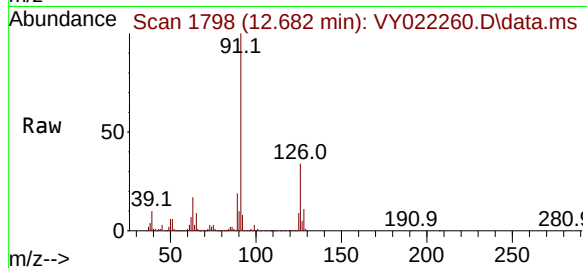
#79
2-Chlorotoluene
Concen: 50.130 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion: 91 Resp: 491073
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4

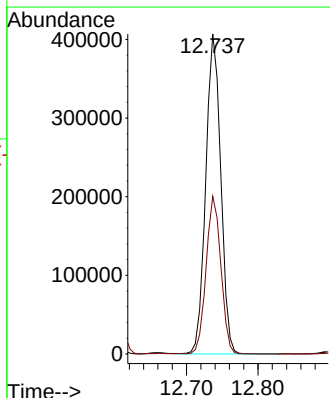
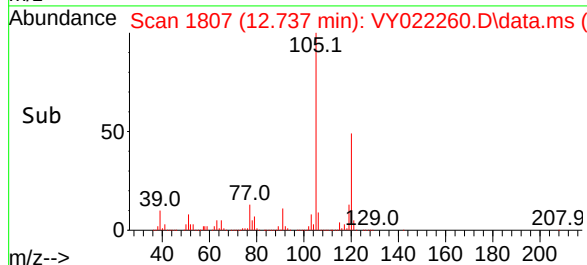
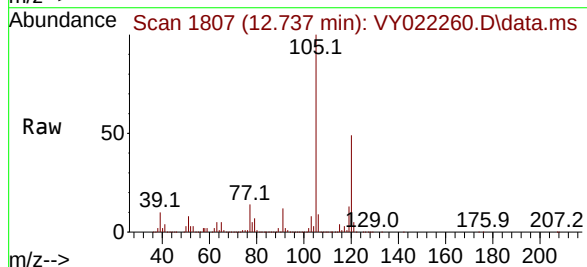
Manual Integrations
APPROVED

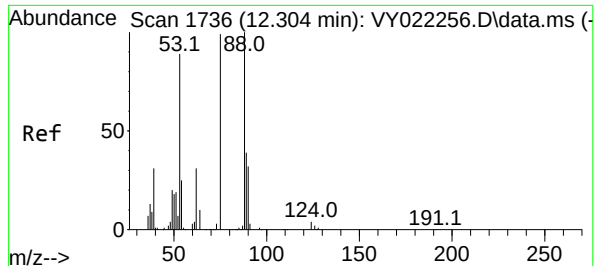
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.632 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion:105 Resp: 592100
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.231 ug/l

RT: 12.304 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 75 Resp: 4392

Ion Ratio Lower Upper

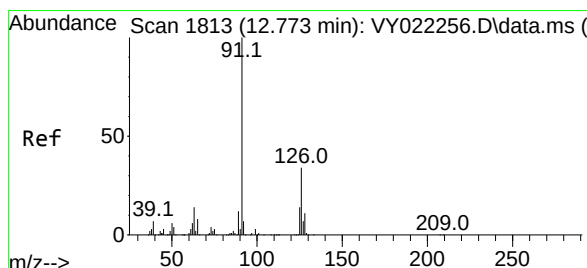
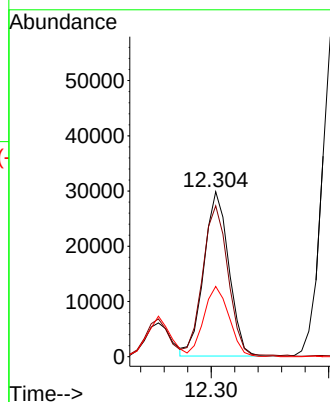
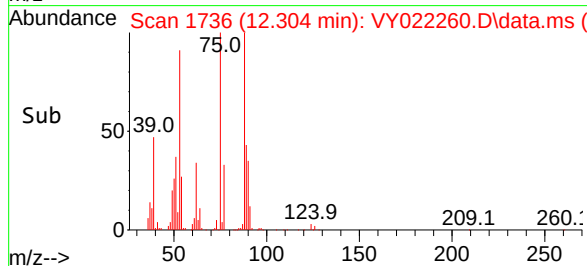
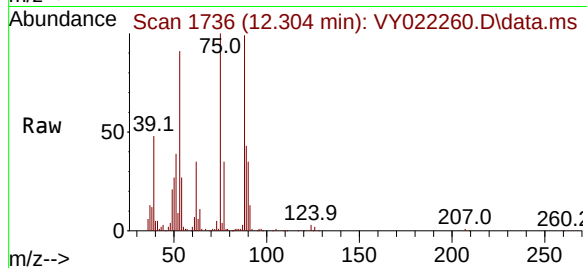
75 100

53 94.1 75.8 113.8

89 43.4 36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

#82

4-Chlorotoluene

Concen: 50.661 ug/l

RT: 12.779 min Scan# 1814

Delta R.T. 0.006 min

Lab File: VY022260.D

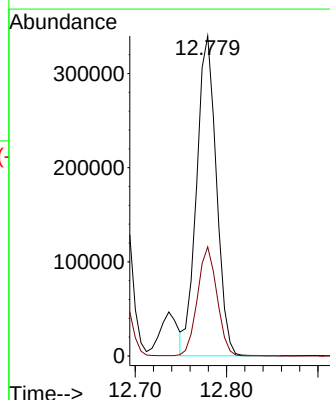
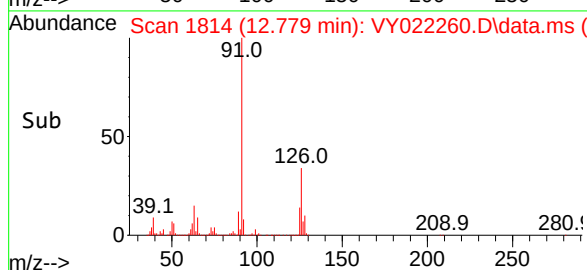
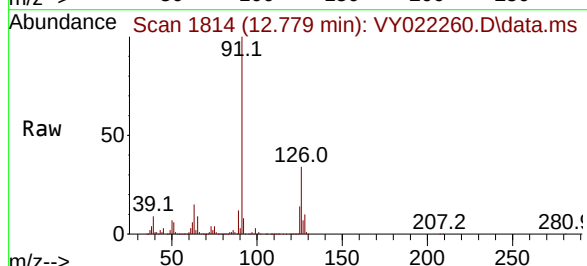
Acq: 15 May 2025 13:20

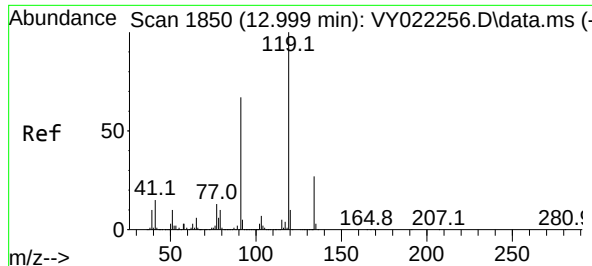
Tgt Ion: 91 Resp: 510451

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 49.715 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051525

Tgt Ion:119 Resp: 527140

Ion Ratio Lower Upper

119 100

91 65.4 32.8 98.3

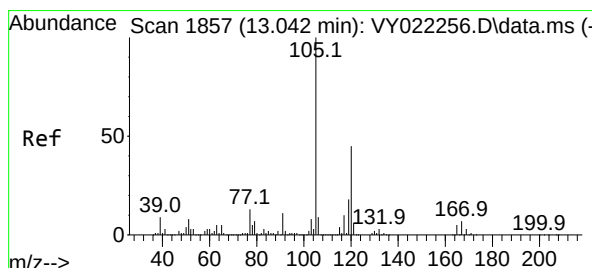
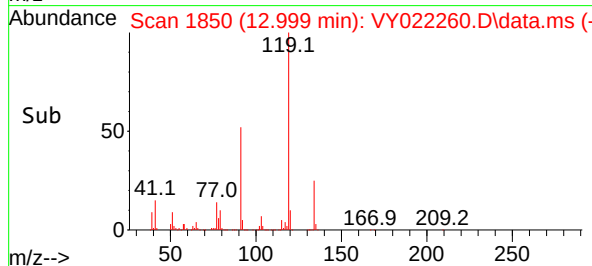
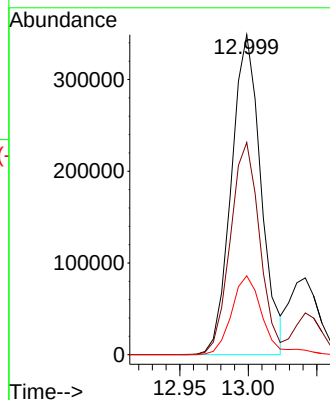
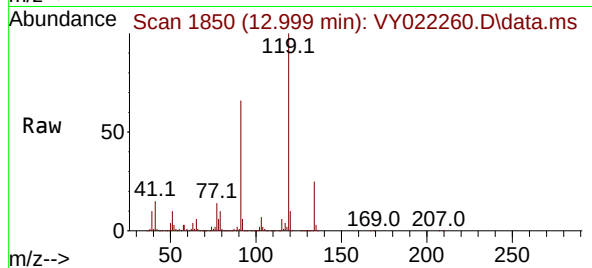
134 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.535 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022260.D

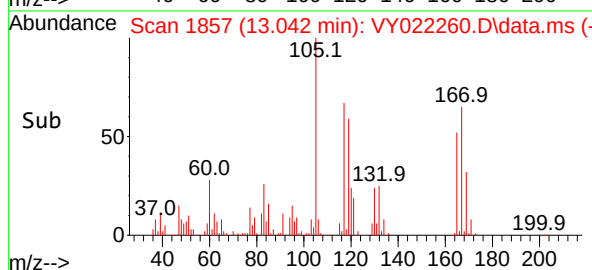
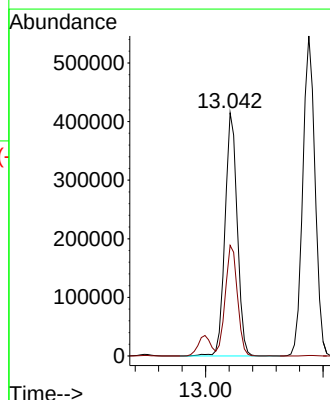
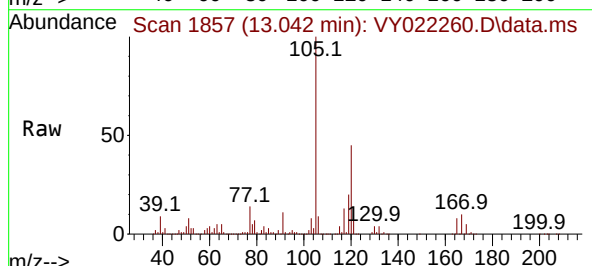
Acq: 15 May 2025 13:20

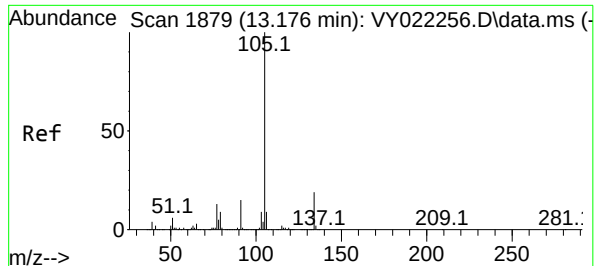
Tgt Ion:105 Resp: 598450

Ion Ratio Lower Upper

105 100

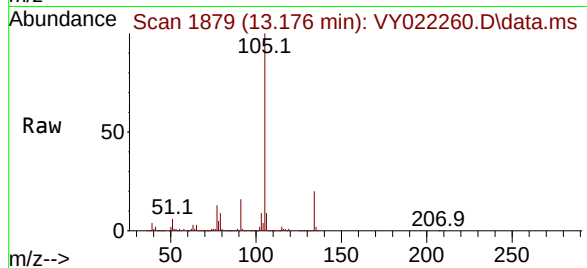
120 45.1 22.3 66.9





#85
sec-Butylbenzene
Concen: 50.000 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

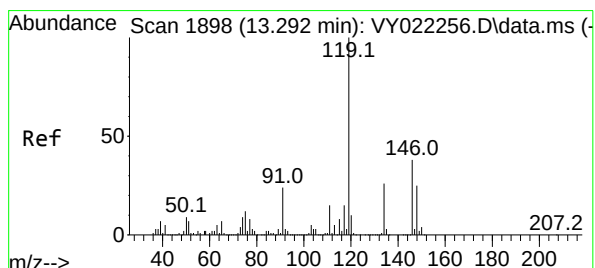
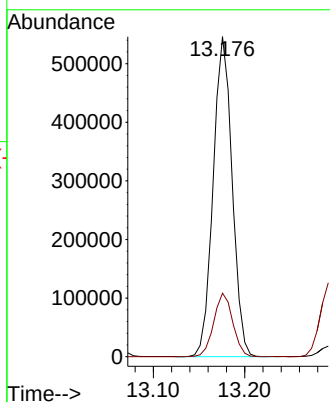
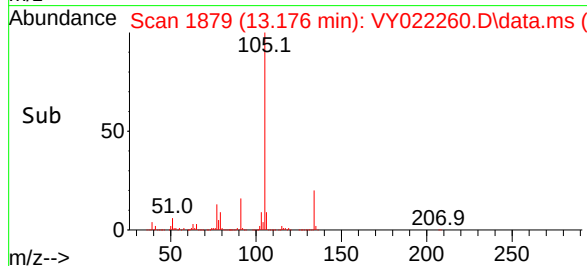
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion:105 Resp: 787000
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.5

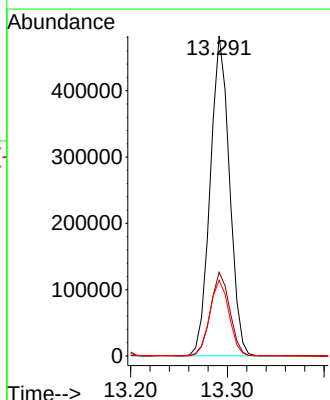
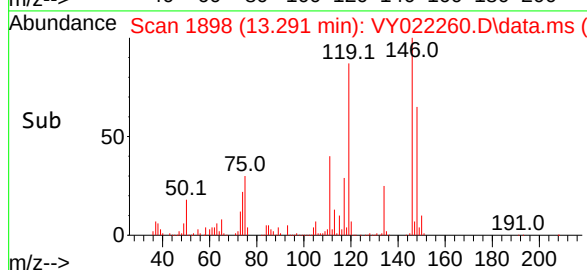
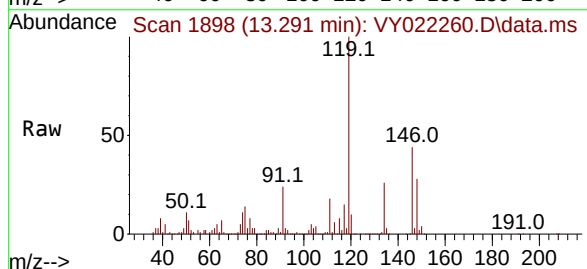
Manual Integrations
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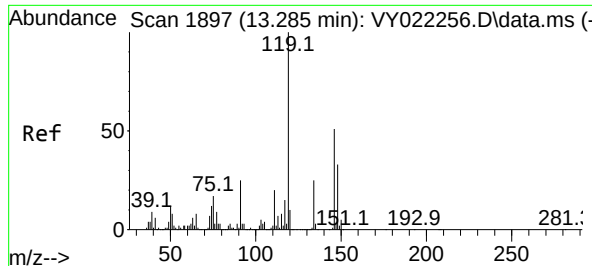
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#86
p-Isopropyltoluene
Concen: 50.219 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion:119 Resp: 664795
Ion Ratio Lower Upper
119 100
134 26.2 12.9 38.6
91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.718 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

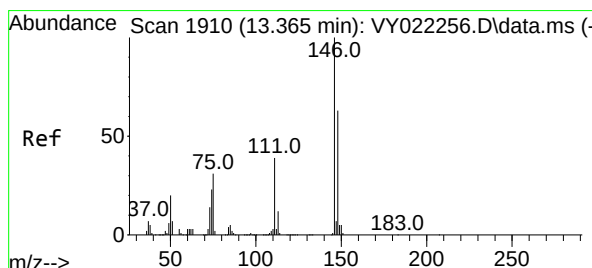
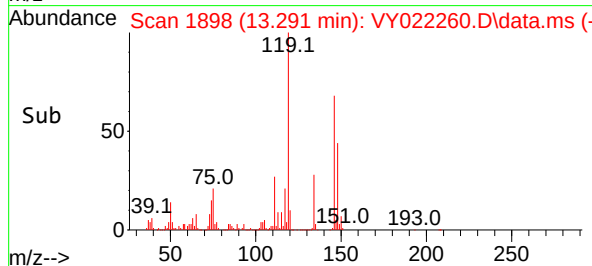
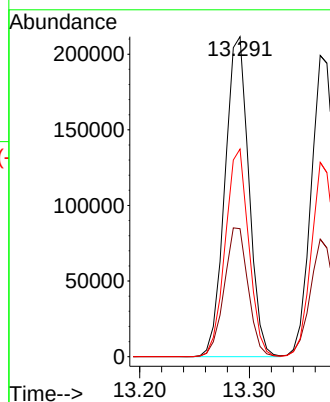
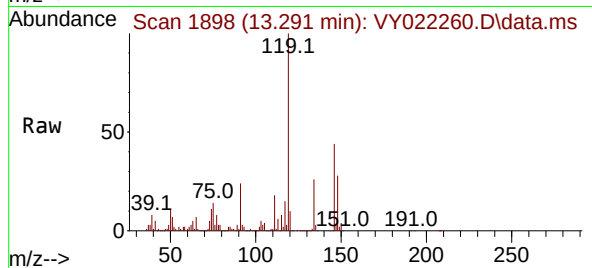
ICVVY051525

Tgt Ion:	146	Resp:	32035
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.9	59.7
148	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 49.669 ug/l

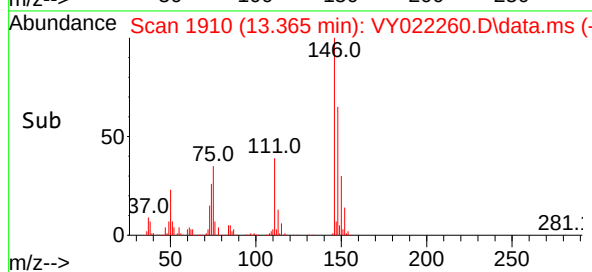
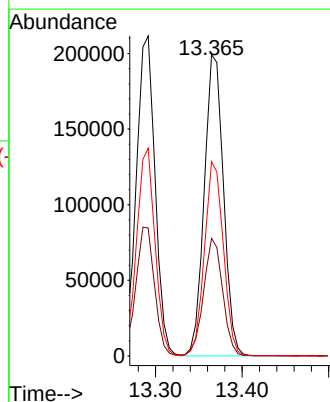
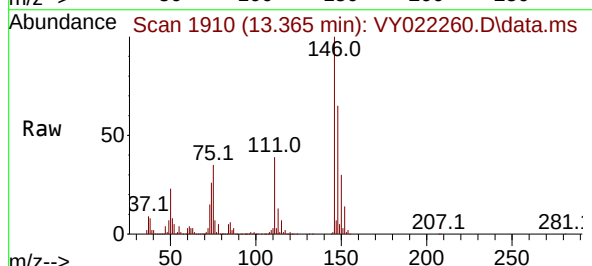
RT: 13.365 min Scan# 1910

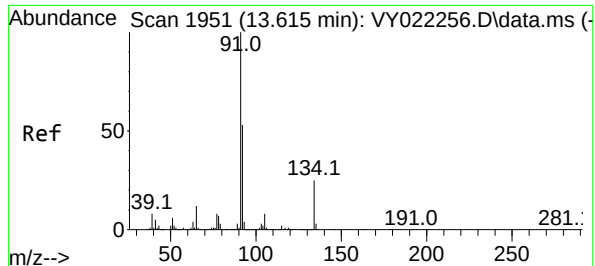
Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Tgt Ion:	146	Resp:	307847
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.0	59.9
148	63.3	32.1	96.5





#89

n-Butylbenzene

Concen: 50.402 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

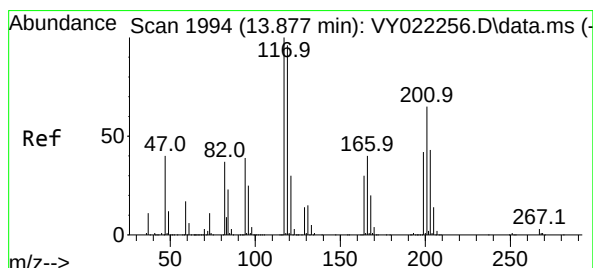
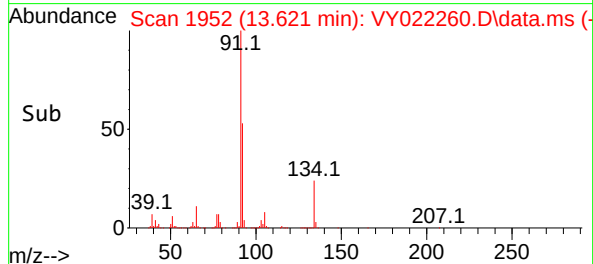
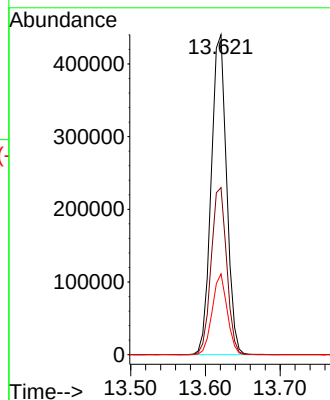
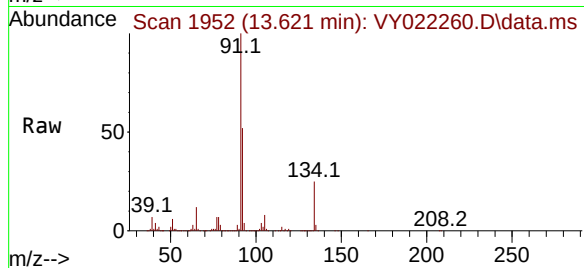
ICVVY051525

Tgt Ion:	91	Resp:	63122
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.9
134	24.6	12.4	37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90

Hexachloroethane

Concen: 49.502 ug/l

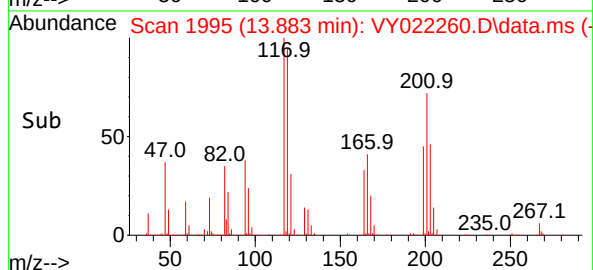
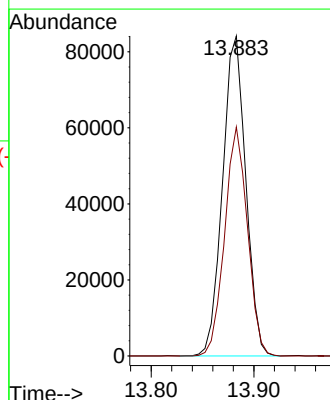
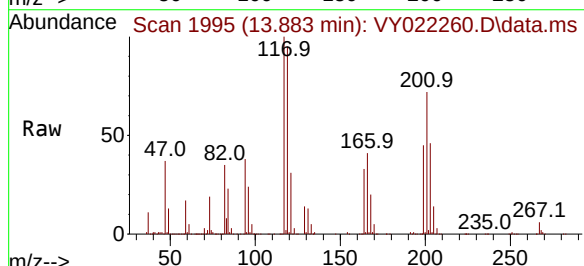
RT: 13.883 min Scan# 1995

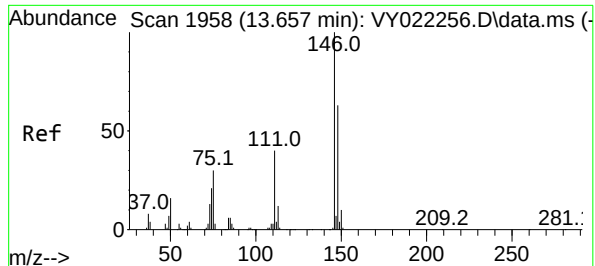
Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

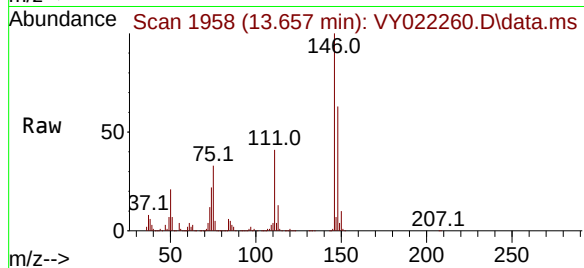
Tgt Ion:	117	Resp:	132281
Ion	Ratio	Lower	Upper
117	100		
201	70.2	35.2	105.6





#91
1,2-Dichlorobenzene
Concen: 49.954 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

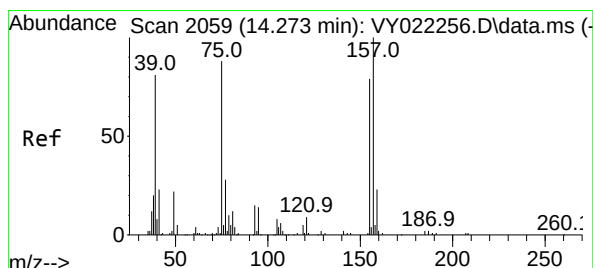
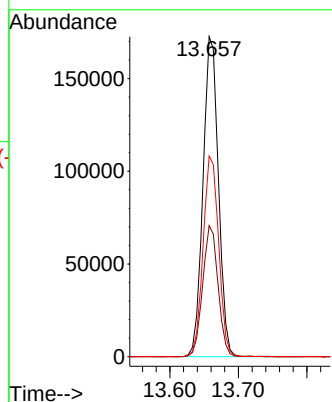
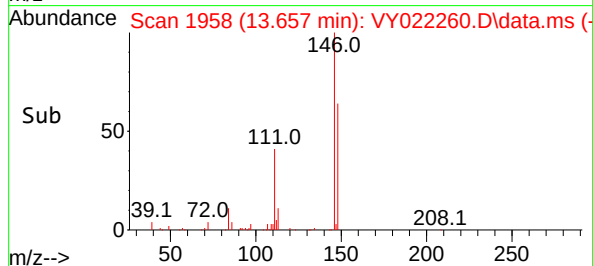
Instrument : MSVOA_Y
ClientSampleId : ICVVY051525



Tgt Ion:146 Resp: 27037
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.5
148 63.3 32.0 96.0

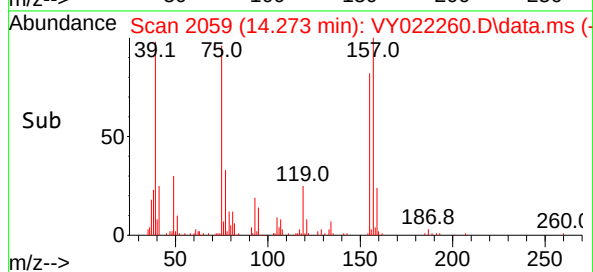
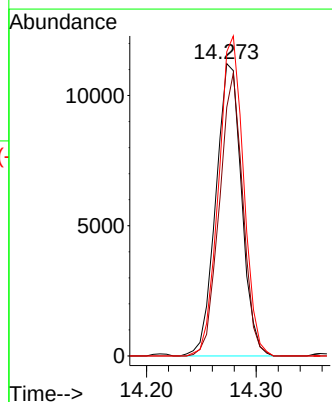
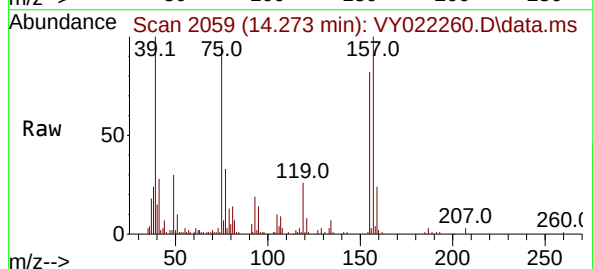
Manual Integrations
APPROVED

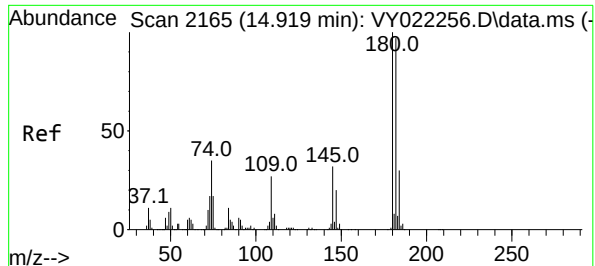
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.028 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 75 Resp: 18335
Ion Ratio Lower Upper
75 100
155 87.6 43.4 130.1
157 105.9 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 48.794 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion:180 Resp: 15254

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

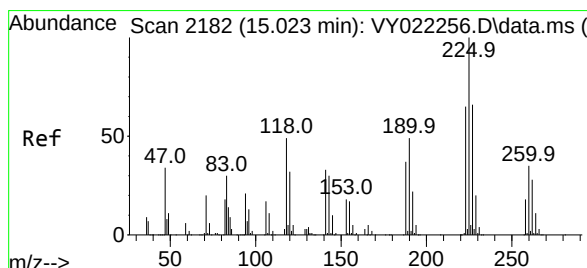
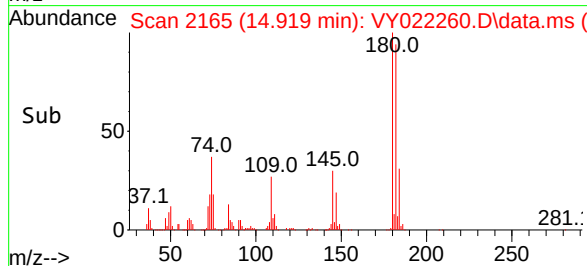
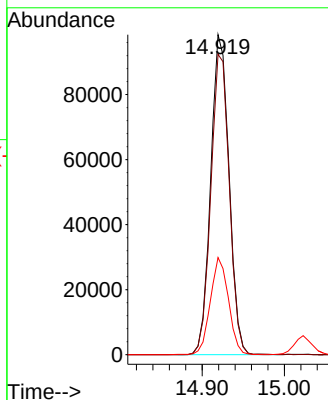
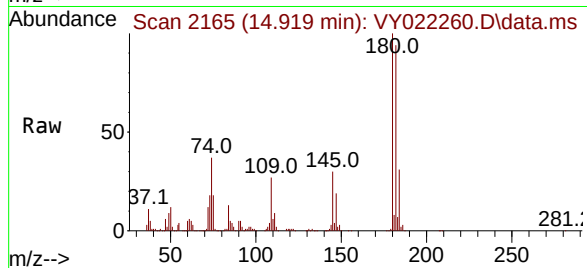
145 30.1 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 47.770 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

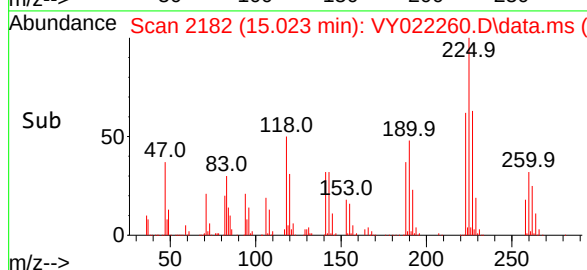
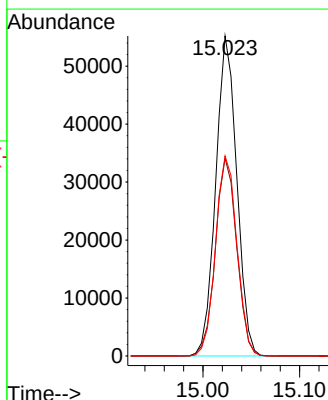
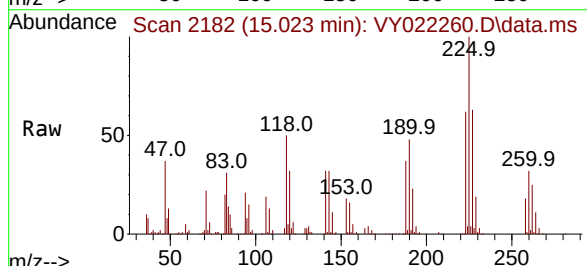
Tgt Ion:225 Resp: 83287

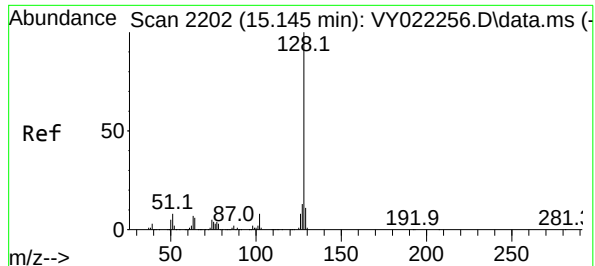
Ion Ratio Lower Upper

225 100

223 62.6 31.5 94.5

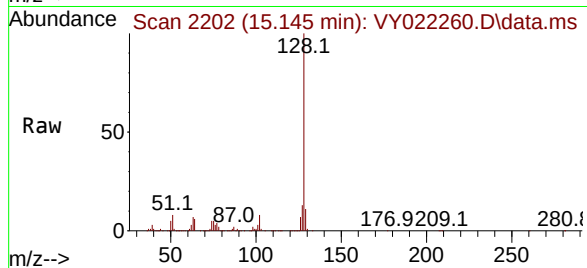
227 63.6 32.1 96.3





#95
Naphthalene
Concen: 48.421 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

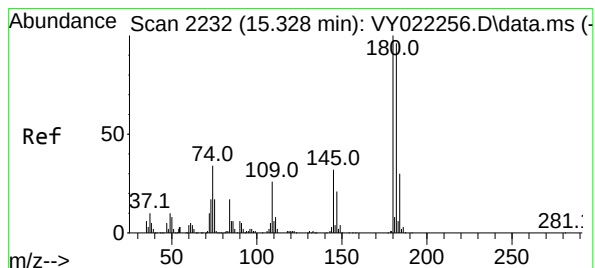
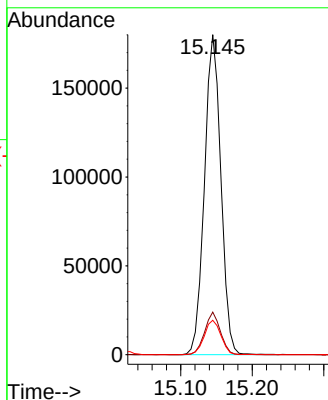
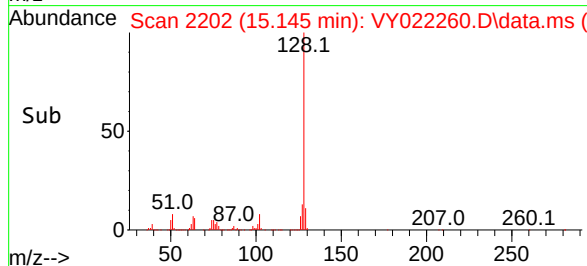
Instrument :
MSVOA_Y
ClientSampleId :
ICVY051525



Tgt Ion:128 Resp: 287270
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

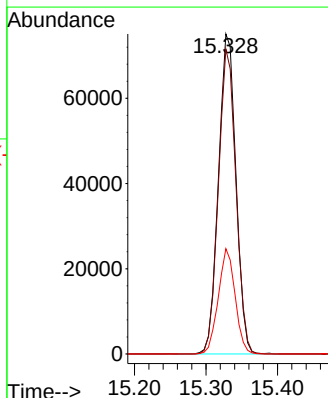
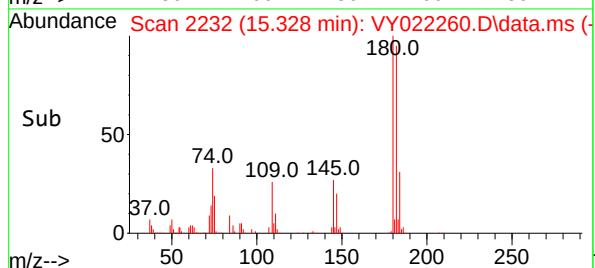
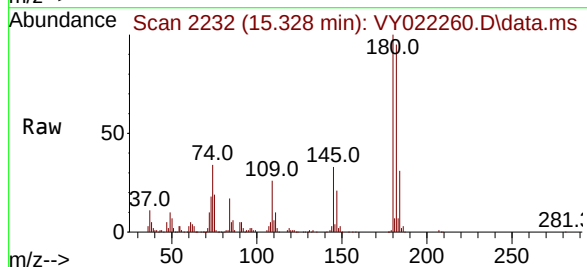
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.060 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion:180 Resp: 127466
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 31.6 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	0.522	0.516	1.1	96	0.00
3 P	Chloromethane	1.097	1.069	2.6	97	0.00
4 C	Vinyl Chloride	1.226	1.253	-2.2#	98	0.00
5 T	Bromomethane	0.998	0.968	3.0	104	0.00
6 T	Chloroethane	0.763	0.812	-6.4	101	0.00
7 T	Trichlorofluoromethane	1.241	1.271	-2.4	99	0.00
8 T	Diethyl Ether	0.298	0.310	-4.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.556	-3.2	98	0.00
10 T	Methyl Iodide	0.624	0.619	0.8	85	0.00
11 T	Tert butyl alcohol	0.042	0.044	-4.8	108	0.00
12 CM	1,1-Dichloroethene	0.535	0.551	-3.0#	97	0.00
13 T	Acrolein	0.061	0.058	4.9	97	0.00
14 T	Allyl chloride	0.938	0.991	-5.7	98	0.00
15 T	Acrylonitrile	0.123	0.130	-5.7	102	0.00
16 T	Acetone	0.102	0.104	-2.0	105	0.00
17 T	Carbon Disulfide	1.744	1.806	-3.6	97	0.00
18 T	Methyl Acetate	0.323	0.384	-18.9	120	0.00
19 T	Methyl tert-butyl Ether	1.475	1.566	-6.2	101	0.00
20 T	Methylene Chloride	0.662	0.626	5.4	99	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.609	-3.2	97	0.00
22 T	Diisopropyl ether	1.980	2.063	-4.2	98	0.00
23 T	Vinyl Acetate	1.196	1.211	-1.3	97	0.00
24 P	1,1-Dichloroethane	1.106	1.143	-3.3	97	0.00
25 T	2-Butanone	0.171	0.175	-2.3	103	0.00
26 T	2,2-Dichloropropane	0.984	1.027	-4.4	98	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.715	-5.0	98	0.00
28 T	Bromochloromethane	0.472	0.494	-4.7	99	0.00
29 T	Tetrahydrofuran	0.110	0.117	-6.4	103	0.00
30 C	Chloroform	1.061	1.121	-5.7#	98	0.00
31 T	Cyclohexane	1.105	1.076	2.6	96	0.00
32 T	1,1,1-Trichloroethane	0.974	1.003	-3.0	98	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.569	-4.2	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.298	0.308	-3.4	100	0.00
36 T	1,1-Dichloropropene	0.492	0.496	-0.8	96	0.00
37 T	Ethyl Acetate	0.237	0.240	-1.3	100	0.00
38 T	Carbon Tetrachloride	0.509	0.514	-1.0	97	0.00
39 T	Methylcyclohexane	0.660	0.661	-0.2	96	0.00
40 TM	Benzene	1.457	1.507	-3.4	98	0.00
41 T	Methacrylonitrile	0.157	0.168	-7.0	104	0.02
42 TM	1,2-Dichloroethane	0.394	0.409	-3.8	99	0.00
43 T	Isopropyl Acetate	0.516	0.530	-2.7	101	0.00
44 TM	Trichloroethene	0.362	0.365	-0.8	96	0.00
45 C	1,2-Dichloropropane	0.351	0.361	-2.8#	99	0.00
46 T	Dibromomethane	0.189	0.195	-3.2	101	0.00
47 T	Bromodichloromethane	0.492	0.516	-4.9	100	0.00
48 T	Methyl methacrylate	0.241	0.248	-2.9	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	103	0.00
50 S	Toluene-d8	1.222	1.252	-2.5	99	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.265	-4.7	102	0.00
52 CM	Toluene	0.923	0.947	-2.6#	98	0.00
53 T	t-1,3-Dichloropropene	0.480	0.494	-2.9	99	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.571	-3.8	99	0.00
55 T	1,1,2-Trichloroethane	0.243	0.248	-2.1	100	0.00
56 T	Ethyl methacrylate	0.378	0.383	-1.3	98	0.00
57 T	1,3-Dichloropropane	0.431	0.447	-3.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.184	-8.2	98	0.00
59 T	2-Hexanone	0.170	0.175	-2.9	103	0.00
60 T	Dibromochloromethane	0.315	0.330	-4.8	100	0.00
61 T	1,2-Dibromoethane	0.226	0.233	-3.1	100	0.00
62 S	4-Bromofluorobenzene	0.387	0.395	-2.1	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.462	0.434	6.1	91	0.00
65 PM	Chlorobenzene	1.128	1.124	0.4	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.385	0.8	97	0.00
67 C	Ethyl Benzene	2.113	2.117	-0.2#	97	0.00
68 T	m/p-Xylenes	0.796	0.805	-1.1	98	0.00
69 T	o-Xylene	0.753	0.763	-1.3	99	0.00
70 T	Styrene	1.270	1.282	-0.9	98	0.00
71 P	Bromoform	0.209	0.214	-2.4	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.142	4.139	0.1	98	0.00
74 T	N-amyl acetate	1.185	1.180	0.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.676	-6.1	107	0.00
76 T	1,2,3-Trichloropropane	0.507	0.543	-7.1	107	0.00
77 T	Bromobenzene	0.885	0.874	1.2	97	0.00
78 T	n-propylbenzene	4.996	5.026	-0.6	97	0.00
79 T	2-Chlorotoluene	2.746	2.753	-0.3	97	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.319	0.7	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.246	1.6	103	0.00
82 T	4-Chlorotoluene	2.824	2.861	-1.3	97	0.00
83 T	tert-Butylbenzene	2.972	2.955	0.6	97	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.355	-1.1	97	0.00
85 T	sec-Butylbenzene	4.412	4.412	0.0	95	0.00
86 T	p-Isopropyltoluene	3.710	3.727	-0.5	97	0.00
87 T	1,3-Dichlorobenzene	1.806	1.796	0.6	97	0.00
88 T	1,4-Dichlorobenzene	1.737	1.726	0.6	98	0.00
89 T	n-Butylbenzene	3.510	3.538	-0.8	95	0.00
90 T	Hexachloroethane	0.749	0.742	0.9	96	0.00
91 T	1,2-Dichlorobenzene	1.517	1.516	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.103	0.0	102	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.855	2.4	94	0.00
94 T	Hexachlorobutadiene	0.489	0.467	4.5	92	0.00
95 T	Naphthalene	1.663	1.610	3.2	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022260.D
Acq On : 15 May 2025 13:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Quant Time: May 16 01:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.715	3.8	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	50.000	49.432	1.1	96	0.00
3 P	Chloromethane	50.000	48.719	2.6	97	0.00
4 C	Vinyl Chloride	50.000	51.111	-2.2#	98	0.00
5 T	Bromomethane	50.000	48.486	3.0	104	0.00
6 T	Chloroethane	50.000	53.234	-6.5	101	0.00
7 T	Trichlorofluoromethane	50.000	51.174	-2.3	99	0.00
8 T	Diethyl Ether	50.000	52.055	-4.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.564	-3.1	98	0.00
10 T	Methyl Iodide	50.000	49.606	0.8	85	0.00
11 T	Tert butyl alcohol	250.000	265.144	-6.1	108	0.00
12 CM	1,1-Dichloroethene	50.000	51.487	-3.0#	97	0.00
13 T	Acrolein	250.000	238.362	4.7	97	0.00
14 T	Allyl chloride	50.000	52.817	-5.6	98	0.00
15 T	Acrylonitrile	250.000	265.134	-6.1	102	0.00
16 T	Acetone	250.000	252.660	-1.1	105	0.00
17 T	Carbon Disulfide	50.000	51.765	-3.5	97	0.00
18 T	Methyl Acetate	50.000	59.461	-18.9	120	0.00
19 T	Methyl tert-butyl Ether	50.000	53.096	-6.2	101	0.00
20 T	Methylene Chloride	50.000	47.298	5.4	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.552	-3.1	97	0.00
22 T	Diisopropyl ether	50.000	52.085	-4.2	98	0.00
23 T	Vinyl Acetate	250.000	253.098	-1.2	97	0.00
24 P	1,1-Dichloroethane	50.000	51.668	-3.3	97	0.00
25 T	2-Butanone	250.000	255.929	-2.4	103	0.00
26 T	2,2-Dichloropropane	50.000	52.191	-4.4	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.479	-5.0	98	0.00
28 T	Bromochloromethane	50.000	52.305	-4.6	99	0.00
29 T	Tetrahydrofuran	250.000	264.847	-5.9	103	0.00
30 C	Chloroform	50.000	52.810	-5.6#	98	0.00
31 T	Cyclohexane	50.000	48.673	2.7	96	0.00
32 T	1,1,1-Trichloroethane	50.000	51.523	-3.0	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.104	-4.2	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	51.658	-3.3	100	0.00
36 T	1,1-Dichloropropene	50.000	50.457	-0.9	96	0.00
37 T	Ethyl Acetate	50.000	50.633	-1.3	100	0.00
38 T	Carbon Tetrachloride	50.000	50.543	-1.1	97	0.00
39 T	Methylcyclohexane	50.000	50.015	-0.0	96	0.00
40 TM	Benzene	50.000	51.696	-3.4	98	0.00
41 T	Methacrylonitrile	50.000	53.599	-7.2	104	0.02
42 TM	1,2-Dichloroethane	50.000	51.834	-3.7	99	0.00
43 T	Isopropyl Acetate	50.000	51.415	-2.8	101	0.00
44 TM	Trichloroethene	50.000	50.335	-0.7	96	0.00
45 C	1,2-Dichloropropane	50.000	51.417	-2.8#	99	0.00
46 T	Dibromomethane	50.000	51.423	-2.8	101	0.00
47 T	Bromodichloromethane	50.000	52.508	-5.0	100	0.00
48 T	Methyl methacrylate	50.000	51.357	-2.7	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1008.479	-0.8	103	0.00
50 S	Toluene-d8	50.000	51.229	-2.5	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.463	-4.6	102	0.00
52 CM	Toluene	50.000	51.337	-2.7#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	51.458	-2.9	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.916	-3.8	99	0.00
55 T	1,1,2-Trichloroethane	50.000	51.142	-2.3	100	0.00
56 T	Ethyl methacrylate	50.000	50.639	-1.3	98	0.00
57 T	1,3-Dichloropropane	50.000	51.880	-3.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.104	-8.4	98	0.00
59 T	2-Hexanone	250.000	257.738	-3.1	103	0.00
60 T	Dibromochloromethane	50.000	52.425	-4.8	100	0.00
61 T	1,2-Dibromoethane	50.000	51.428	-2.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	51.020	-2.0	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	46.905	6.2	91	0.00
65 PM	Chlorobenzene	50.000	49.827	0.3	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.656	0.7	97	0.00
67 C	Ethyl Benzene	50.000	50.100	-0.2#	97	0.00
68 T	m/p-Xylenes	100.000	101.087	-1.1	98	0.00
69 T	o-Xylene	50.000	50.682	-1.4	99	0.00
70 T	Styrene	50.000	50.471	-0.9	98	0.00
71 P	Bromoform	50.000	51.022	-2.0	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	49.964	0.1	98	0.00
74 T	N-ethyl acetate	50.000	49.805	0.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.062	-6.1	107	0.00
76 T	1,2,3-Trichloropropane	50.000	53.564	-7.1	107	0.00
77 T	Bromobenzene	50.000	49.374	1.3	97	0.00
78 T	n-propylbenzene	50.000	50.296	-0.6	97	0.00
79 T	2-Chlorotoluene	50.000	50.130	-0.3	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.632	0.7	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.231	1.5	103	0.00
82 T	4-Chlorotoluene	50.000	50.661	-1.3	97	0.00
83 T	tert-Butylbenzene	50.000	49.715	0.6	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.535	-1.1	97	0.00
85 T	sec-Butylbenzene	50.000	50.000	0.0	95	0.00
86 T	p-Isopropyltoluene	50.000	50.219	-0.4	97	0.00
87 T	1,3-Dichlorobenzene	50.000	49.718	0.6	97	0.00
88 T	1,4-Dichlorobenzene	50.000	49.669	0.7	98	0.00
89 T	n-Butylbenzene	50.000	50.402	-0.8	95	0.00
90 T	Hexachloroethane	50.000	49.502	1.0	96	0.00
91 T	1,2-Dichlorobenzene	50.000	49.954	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.028	-0.1	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.794	2.4	94	0.00
94 T	Hexachlorobutadiene	50.000	47.770	4.5	92	0.00
95 T	Naphthalene	50.000	48.421	3.2	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022260.D
Acq On : 15 May 2025 13:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Quant Time: May 16 01:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.060	3.9	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG No.: Q2021

Instrument ID: MSVOA_Y Calibration Date/Time: 05/19/2025 08:27

Lab File ID: VY022303.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.522	0.481		-7.85	20
Chloromethane	1.097	1.063	0.1	-3.1	20
Vinyl Chloride	1.226	1.243		1.39	20
Bromomethane	0.998	0.978		-2	20
Chloroethane	0.763	0.831		8.91	20
Trichlorofluoromethane	1.241	1.212		-2.34	20
1,1,2-Trichlorotrifluoroethane	0.539	0.534		-0.93	20
1,1-Dichloroethene	0.535	0.519		-2.99	20
Acetone	0.102	0.081		-20.59	20
Carbon Disulfide	1.744	1.645		-5.68	20
Methyl tert-butyl Ether	1.475	1.322		-10.37	20
Methyl Acetate	0.323	0.263		-18.58	20
Methylene Chloride	0.662	0.542		-18.13	20
trans-1,2-Dichloroethene	0.590	0.560		-5.09	20
1,1-Dichloroethane	1.106	1.030	0.1	-6.87	20
Cyclohexane	1.105	1.007		-8.87	20
2-Butanone	0.171	0.138		-19.3	20
Carbon Tetrachloride	0.509	0.500		-1.77	20
cis-1,2-Dichloroethene	0.681	0.638		-6.31	20
Bromochloromethane	0.472	0.434		-8.05	20
Chloroform	1.061	1.007		-5.09	20
1,1,1-Trichloroethane	0.974	0.929		-4.62	20
Methylcyclohexane	0.660	0.659		-0.15	20
Benzene	1.457	1.393		-4.39	20
1,2-Dichloroethane	0.394	0.360		-8.63	20
Trichloroethene	0.362	0.349		-3.59	20
1,2-Dichloropropane	0.351	0.327		-6.84	20
Bromodichloromethane	0.492	0.465		-5.49	20
4-Methyl-2-Pentanone	0.253	0.213		-15.81	20
Toluene	0.923	0.871		-5.63	20
t-1,3-Dichloropropene	0.480	0.439		-8.54	20
cis-1,3-Dichloropropene	0.550	0.509		-7.45	20
1,1,2-Trichloroethane	0.243	0.216		-11.11	20
2-Hexanone	0.170	0.140		-17.65	20
Dibromochloromethane	0.315	0.296		-6.03	20
1,2-Dibromoethane	0.226	0.209		-7.52	20
Tetrachloroethene	0.462	0.450		-2.6	20
Chlorobenzene	1.128	1.083	0.3	-3.99	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG No.: Q2021

Instrument ID: MSVOA_Y Calibration Date/Time: 05/19/2025 08:27

Lab File ID: VY022303.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.113	2.049		-3.03	20
m/p-Xylenes	0.796	0.767		-3.64	20
o-Xylene	0.753	0.714		-5.18	20
Styrene	1.270	1.195		-5.91	20
Bromoform	0.209	0.190	0.1	-9.09	20
Isopropylbenzene	4.142	4.111		-0.75	20
1,1,2,2-Tetrachloroethane	0.637	0.599	0.3	-5.97	20
1,3-Dichlorobenzene	1.806	1.738		-3.77	20
1,4-Dichlorobenzene	1.737	1.669		-3.91	20
1,2-Dichlorobenzene	1.517	1.434		-5.47	20
1,2-Dibromo-3-Chloropropane	0.103	0.092		-10.68	20
1,2,4-Trichlorobenzene	0.876	0.816		-6.85	20
1,2,3-Trichlorobenzene	0.743	0.664		-10.63	20
1,2-Dichloroethane-d4	0.546	0.506		-7.33	20
Dibromofluoromethane	0.298	0.288		-3.36	20
Toluene-d8	1.222	1.187		-2.86	20
4-Bromofluorobenzene	0.387	0.356		-8.01	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	226750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	371882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114762	46.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.620%
35) Dibromofluoromethane	7.634	113	107193	48.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.109	98	441509	48.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.408	95	132565	46.007	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	109139	46.127	ug/l	100
3) Chloromethane	2.068	50	240982	48.418	ug/l	99
4) Vinyl Chloride	2.202	62	281774	50.673	ug/l	98
5) Bromomethane	2.598	94	221777	48.993	ug/l	95
6) Chloroethane	2.739	64	188480	54.484	ug/l	100
7) Trichlorofluoromethane	3.056	101	274723	48.797	ug/l	99
8) Diethyl Ether	3.452	74	60755	44.967	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	121195	49.586	ug/l	99
10) Methyl Iodide	4.001	142	139611	49.353	ug/l	99
11) Tert butyl alcohol	4.866	59	39142	206.836	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	117781	48.560	ug/l	96
13) Acrolein	3.653	56	37396	135.173	ug/l	94
14) Allyl chloride	4.385	41	188875	44.412	ug/l	97
15) Acrylonitrile	5.061	53	119810	215.208	ug/l	99
16) Acetone	3.873	43	92085	198.172	ug/l	95
17) Carbon Disulfide	4.104	76	373012	47.162	ug/l	100
18) Methyl Acetate	4.378	43	59584	40.670	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	299714	44.815	ug/l	96
20) Methylene Chloride	4.616	84	122787	40.894	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	126924	47.410	ug/l	92
22) Diisopropyl ether	6.018	45	394002	43.870	ug/l	99
23) Vinyl Acetate	5.957	43	1153872	212.665	ug/l	100
24) 1,1-Dichloroethane	5.915	63	233548	46.546	ug/l	99
25) 2-Butanone	6.896	43	155949	200.639	ug/l	98
26) 2,2-Dichloropropane	6.884	77	213195	47.772	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	144620	46.812	ug/l	99
28) Bromochloromethane	7.244	49	98377	45.966	ug/l	99
29) Tetrahydrofuran	7.262	42	104691	209.360	ug/l	96
30) Chloroform	7.421	83	228289	47.434	ug/l	97
31) Cyclohexane	7.701	56	228271	45.534	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	210565	47.688	ug/l	99
36) 1,1-Dichloropropene	7.835	75	177858	48.649	ug/l	98
37) Ethyl Acetate	6.982	43	74123	42.138	ug/l	97
38) Carbon Tetrachloride	7.817	117	185946	49.136	ug/l	99
39) Methylcyclohexane	9.109	83	245018	49.884	ug/l	96
40) Benzene	8.079	78	518202	47.813	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	44324	37.986	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	133999	45.719	ug/l	100
43) Isopropyl Acetate	8.195	43	164658	42.921	ug/l	99
44) Trichloroethene	8.866	130	129847	48.183	ug/l	97
45) 1,2-Dichloropropane	9.140	63	121700	46.575	ug/l	95
46) Dibromomethane	9.231	93	64749	45.943	ug/l	98
47) Bromodichloromethane	9.420	83	173095	47.343	ug/l	100
48) Methyl methacrylate	9.219	41	75158	41.892	ug/l	95
49) 1,4-Dioxane	9.231	88	14246	894.779	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	395363	210.035	ug/l	98
52) Toluene	10.170	92	323890	47.193	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	163246	45.752	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	189374	46.324	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	80398	44.549	ug/l	98
56) Ethyl methacrylate	10.438	69	124860	44.416	ug/l	97
57) 1,3-Dichloropropane	10.719	76	145992	45.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	310691	246.231	ug/l	99
59) 2-Hexanone	10.762	43	260783	206.627	ug/l	98
60) Dibromochloromethane	10.914	129	110053	46.983	ug/l	100
61) 1,2-Dibromoethane	11.011	107	77561	46.111	ug/l	100
64) Tetrachloroethene	10.646	164	140924	48.679	ug/l	99
65) Chlorobenzene	11.444	112	339131	47.994	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	114730	47.229	ug/l	100
67) Ethyl Benzene	11.517	91	641620	48.485	ug/l	97
68) m/p-Xylenes	11.627	106	480417	96.343	ug/l	99
69) o-Xylene	11.956	106	223762	47.429	ug/l	98
70) Styrene	11.969	104	374205	47.020	ug/l	99
71) Bromoform	12.133	173	59355	45.269	ug/l #	99
73) Isopropylbenzene	12.255	105	594081	49.626	ug/l	100
74) N-amyl acetate	12.072	43	150967	44.094	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	86518	46.994	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	69712m	47.620	ug/l	
77) Bromobenzene	12.529	156	123903	48.461	ug/l	97
78) n-propylbenzene	12.597	91	722589	50.043	ug/l	100
79) 2-Chlorotoluene	12.682	91	383846	48.374	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	467447	48.373	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31793	43.994	ug/l	98
82) 4-Chlorotoluene	12.779	91	395166	48.417	ug/l	100
83) tert-Butylbenzene	12.999	119	426406	49.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	468001	48.787	ug/l	100
85) sec-Butylbenzene	13.176	105	643574	50.477	ug/l	100
86) p-Isopropyltoluene	13.292	119	535122	49.904	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	251111	48.110	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	241157	48.034	ug/l	98
89) n-Butylbenzene	13.621	91	512834	50.552	ug/l	99
90) Hexachloroethane	13.883	117	106297	49.107	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	207228	47.267	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13224	44.544	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	117885	46.549	ug/l	98
94) Hexachlorobutadiene	15.023	225	66957	47.410	ug/l	99
95) Naphthalene	15.145	128	211483	44.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	96005	44.687	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022303.D
Acq On : 19 May 2025 08:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: May 20 01:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

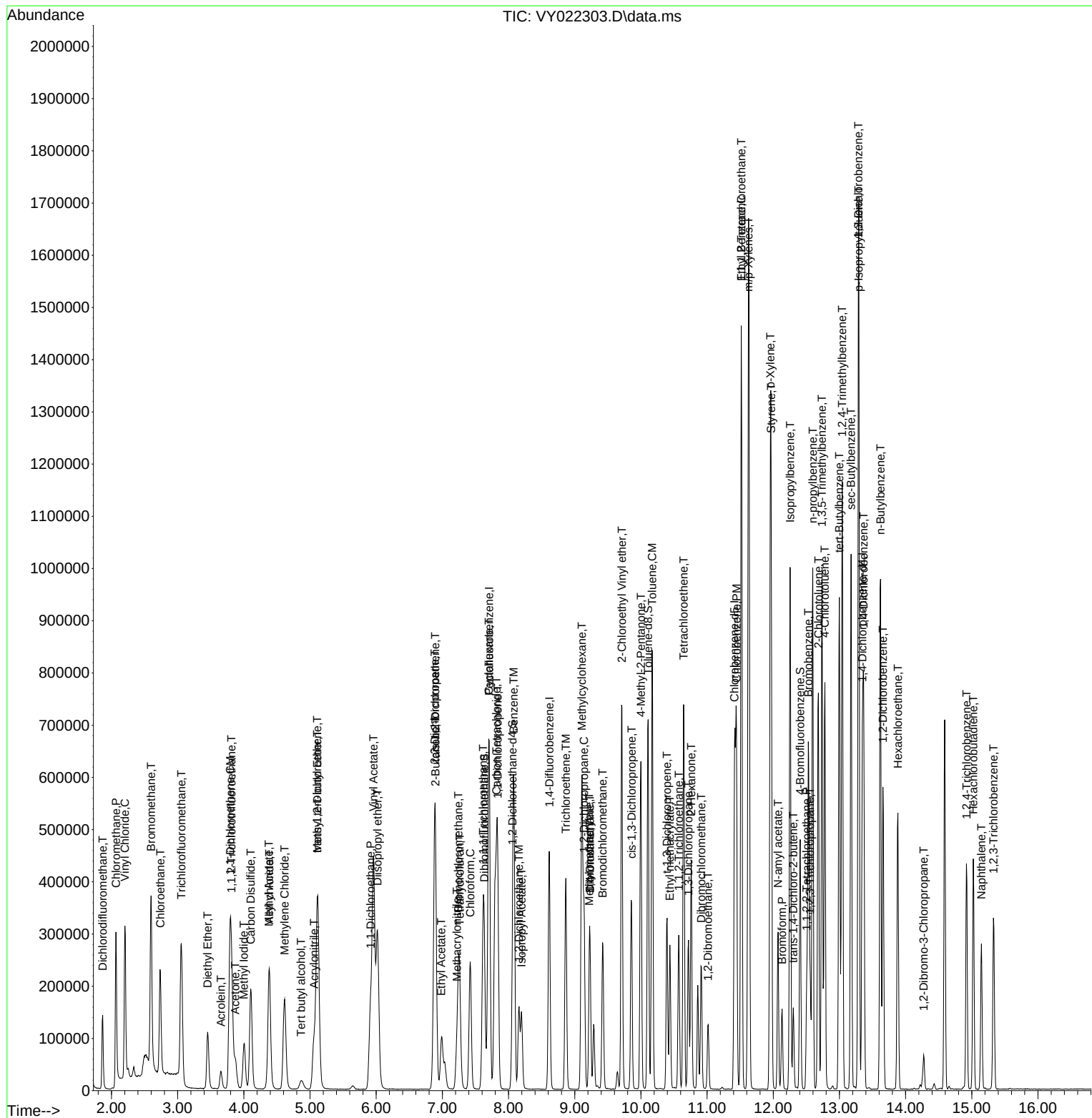
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

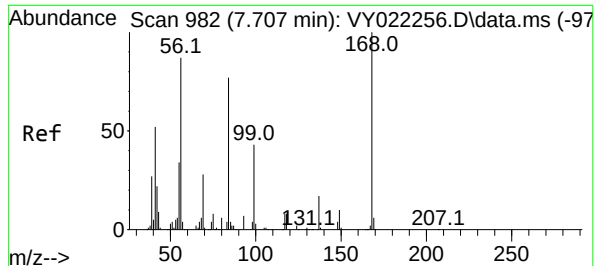
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

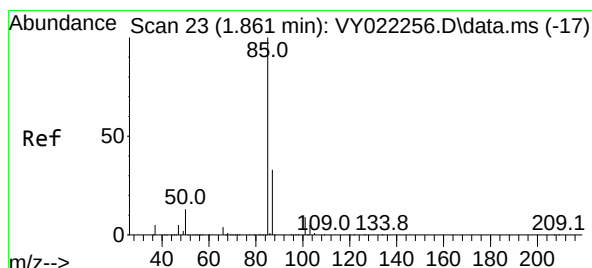
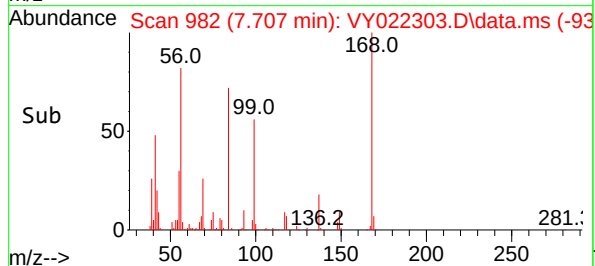
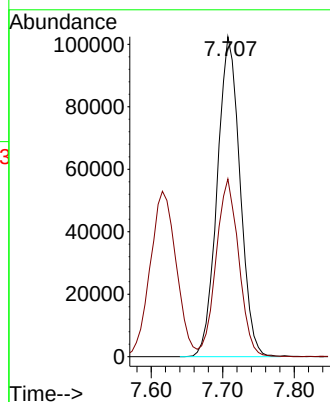
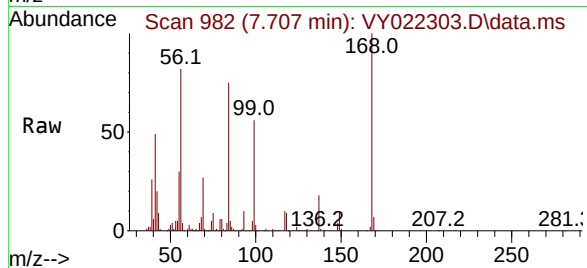




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

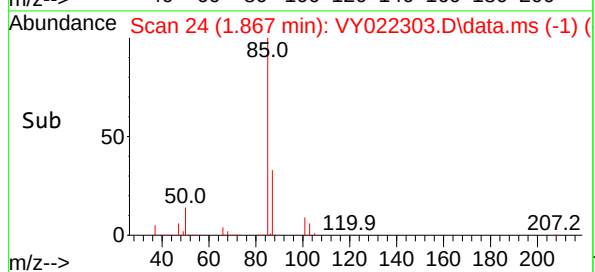
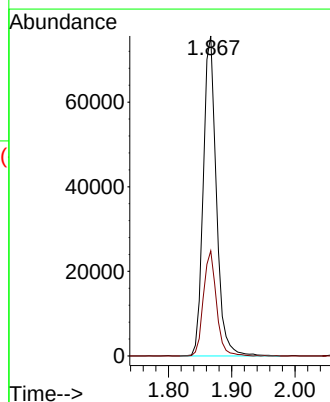
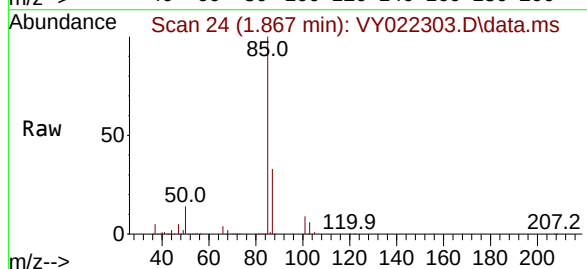
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

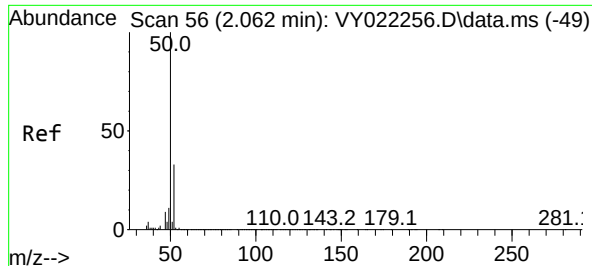
Tgt Ion:168 Resp: 226750
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 46.127 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 85 Resp: 109139
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5

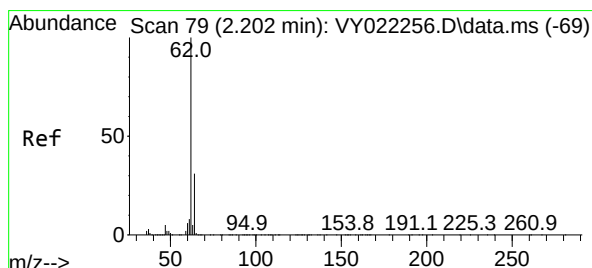
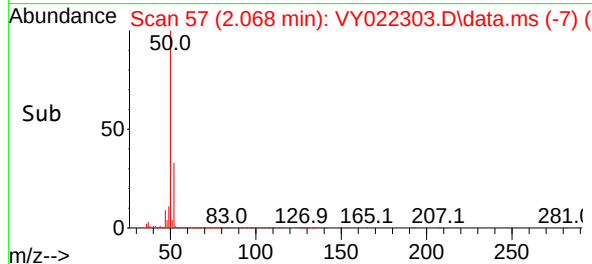
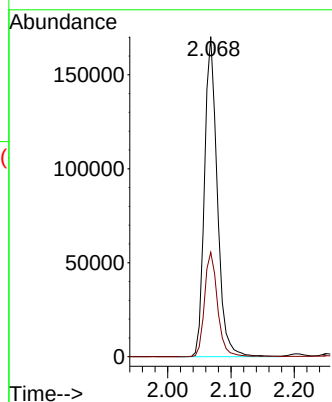
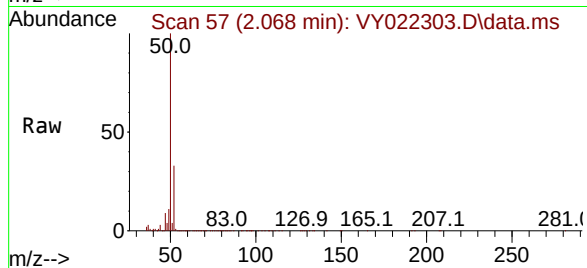




#3
Chloromethane
Concen: 48.418 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

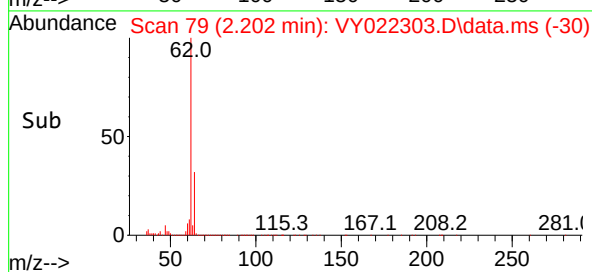
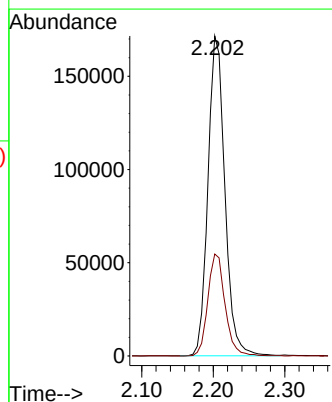
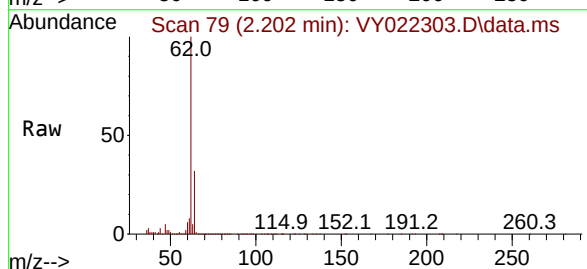
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

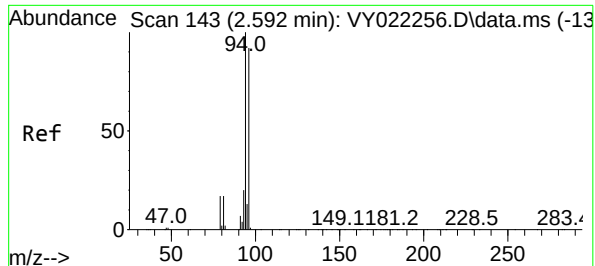
Tgt Ion: 50 Resp: 240982
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 50.673 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 62 Resp: 281774
Ion Ratio Lower Upper
62 100
64 31.9 24.5 36.7

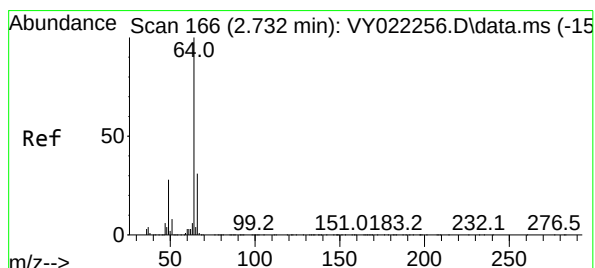
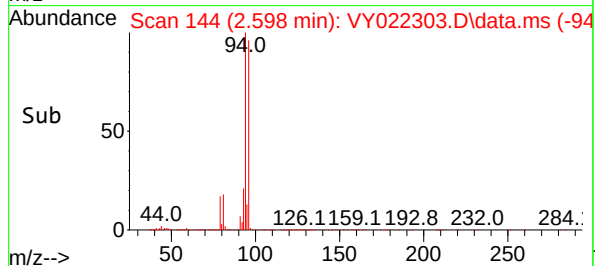
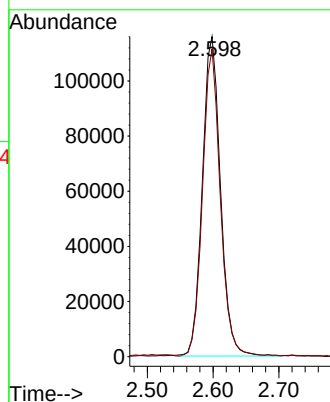
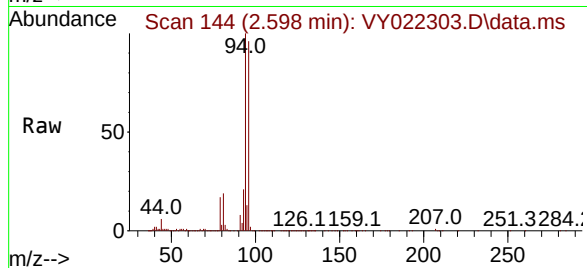




#5
Bromomethane
Concen: 48.993 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

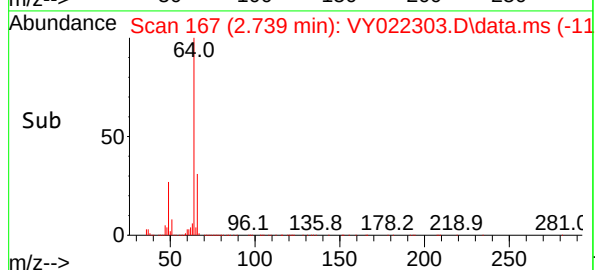
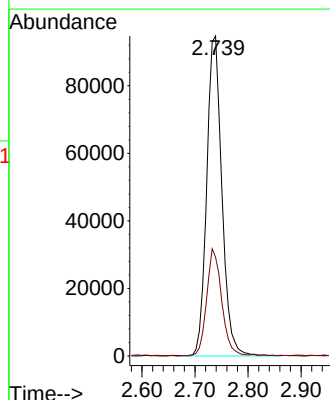
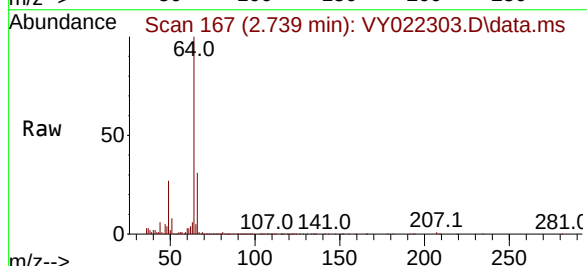
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

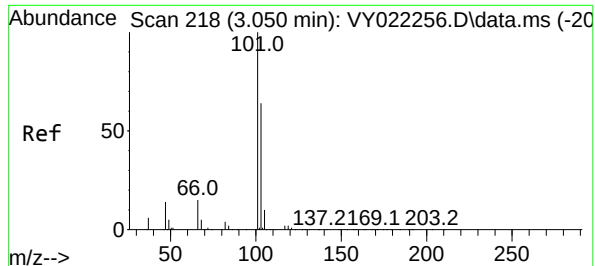
Tgt Ion: 94 Resp: 221777
Ion Ratio Lower Upper
94 100
96 96.1 73.4 110.0



#6
Chloroethane
Concen: 54.484 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 64 Resp: 188480
Ion Ratio Lower Upper
64 100
66 30.7 24.8 37.2

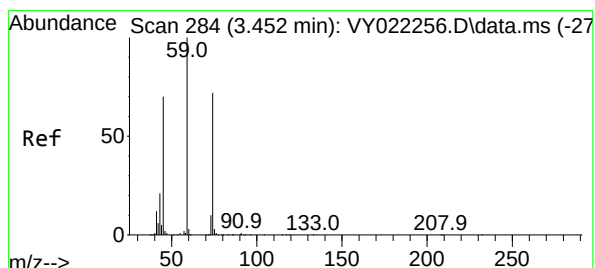
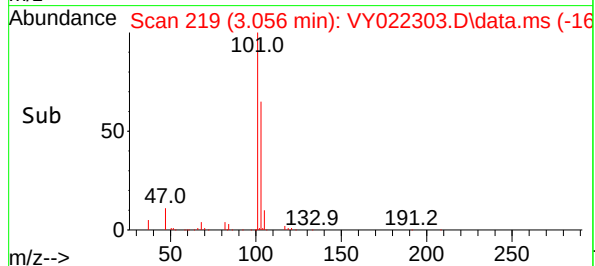
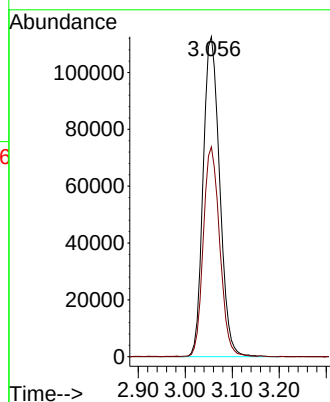
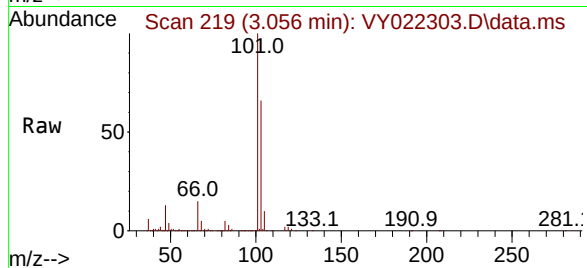




#7
Trichlorofluoromethane
Concen: 48.797 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

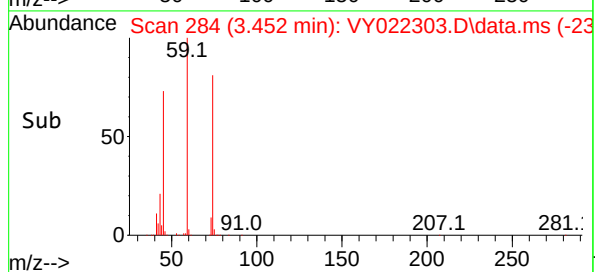
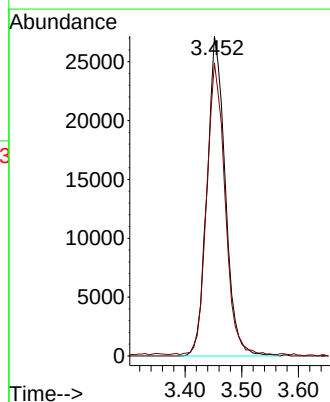
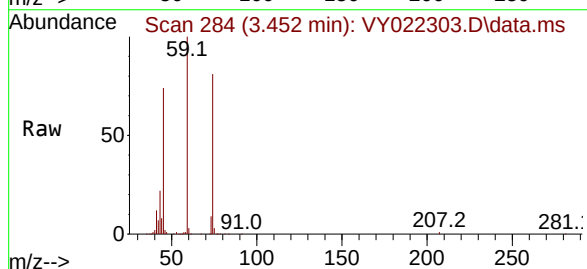
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

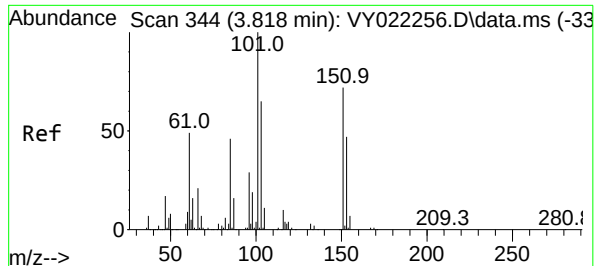
Tgt Ion:101 Resp: 274723
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5



#8
Diethyl Ether
Concen: 44.967 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 74 Resp: 60755
Ion Ratio Lower Upper
74 100
45 92.0 48.6 145.8

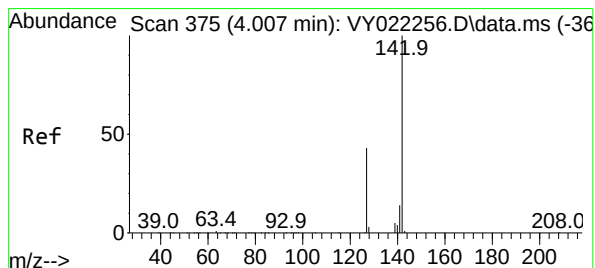
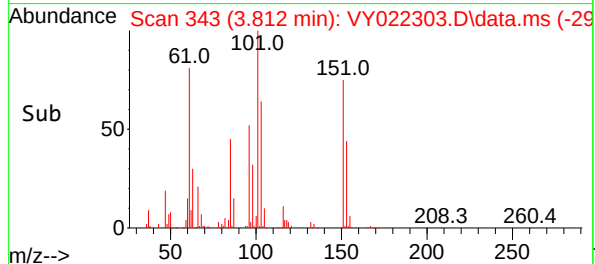
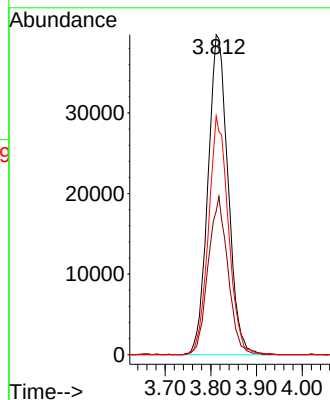
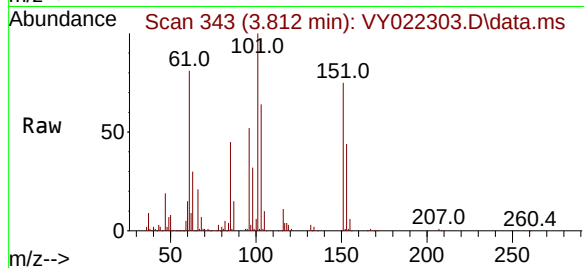




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.586 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

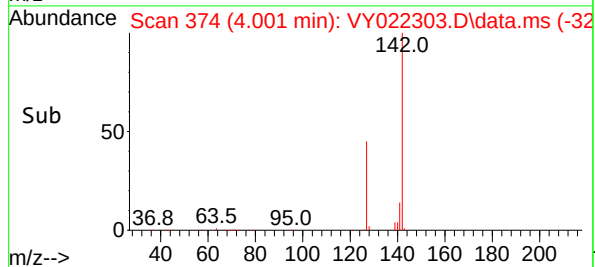
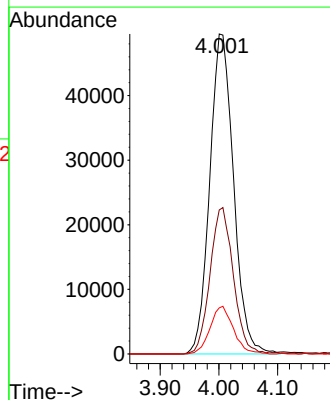
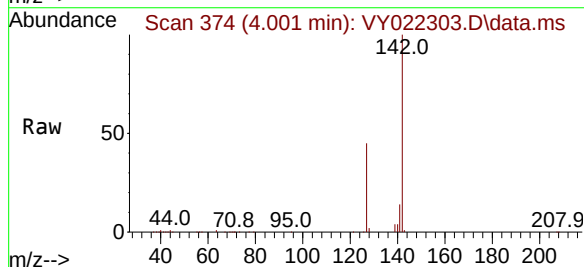
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

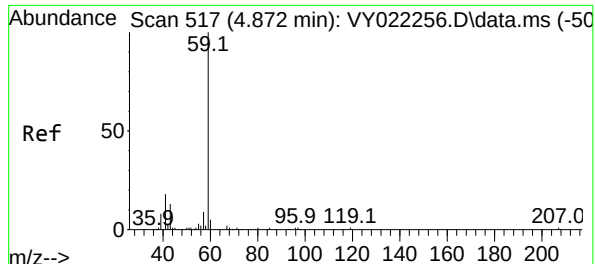
Tgt Ion:101 Resp: 121195
Ion Ratio Lower Upper
101 100
85 48.5 38.6 58.0
151 73.8 59.7 89.5



#10
Methyl Iodide
Concen: 49.353 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:142 Resp: 139611
Ion Ratio Lower Upper
142 100
127 44.9 35.7 53.5
141 14.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 206.836 ug/l

RT: 4.866 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

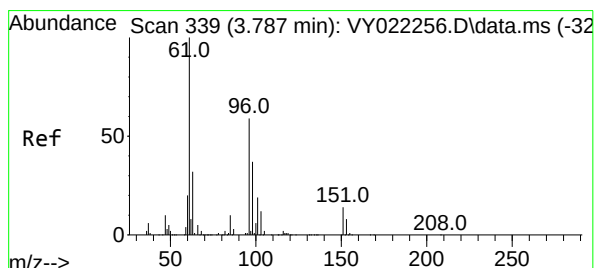
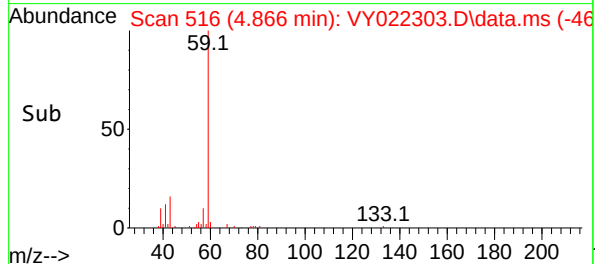
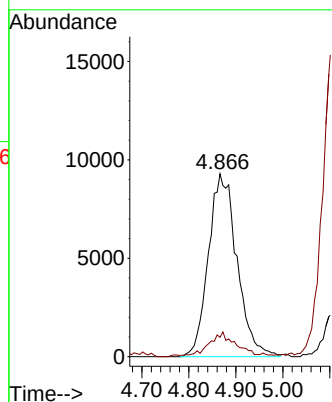
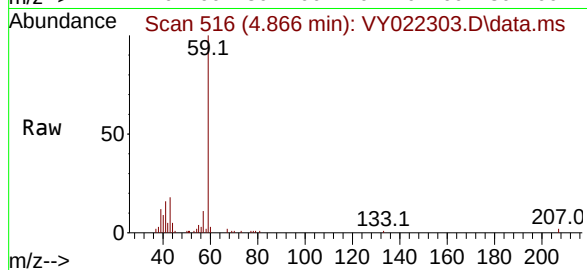
VSTDCCC050

Tgt Ion: 59 Resp: 39142

Ion Ratio Lower Upper

59 100

57 11.0 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 48.560 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

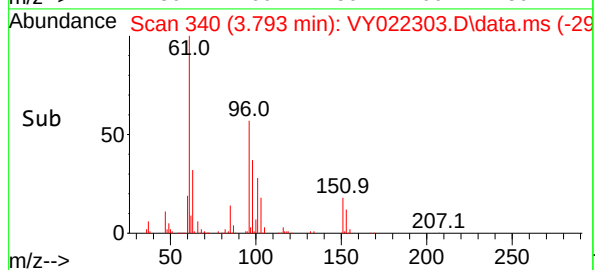
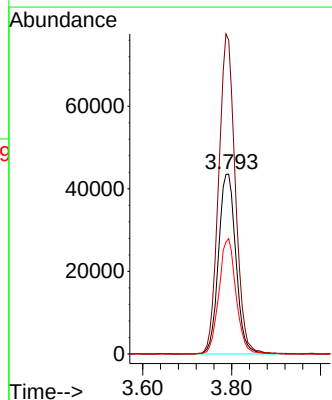
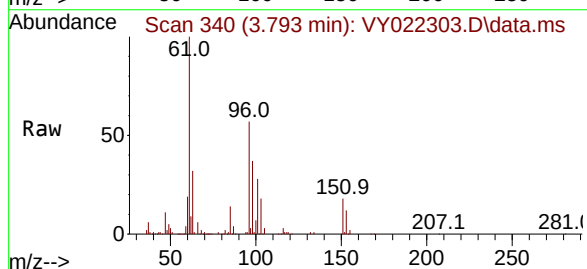
Tgt Ion: 96 Resp: 117781

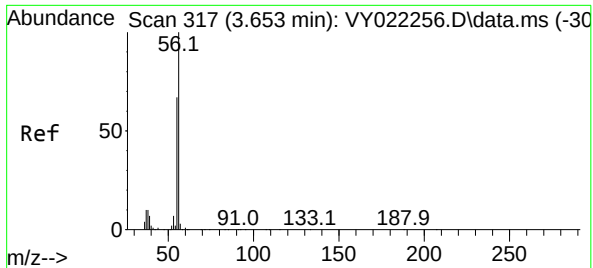
Ion Ratio Lower Upper

96 100

61 174.6 134.9 202.3

98 64.2 49.9 74.9





#13

Acrolein

Concen: 135.173 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

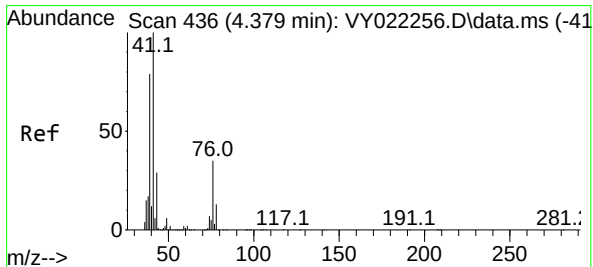
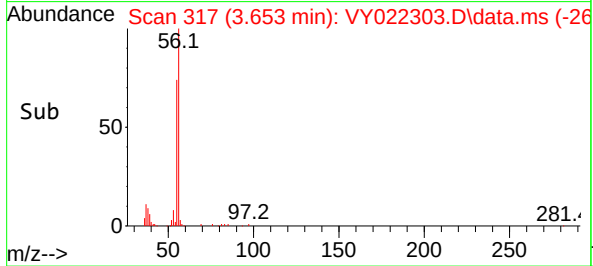
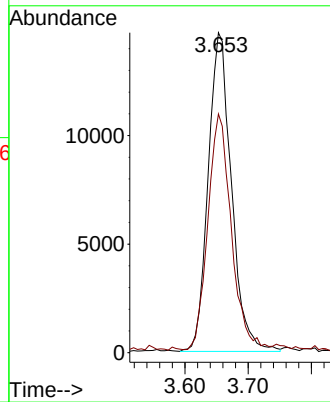
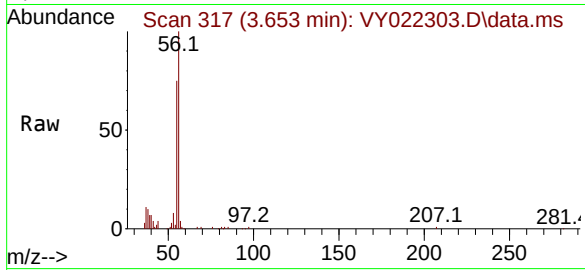
VSTDCCC050

Tgt Ion: 56 Resp: 37396

Ion Ratio Lower Upper

56 100

55 74.3 55.6 83.4



#14

Allyl chloride

Concen: 44.412 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

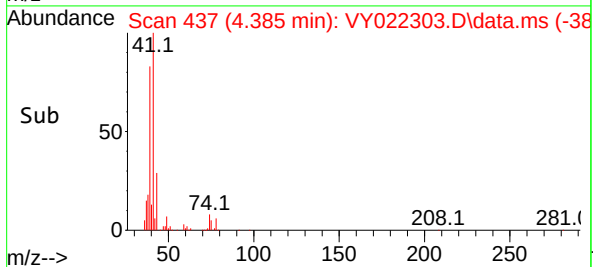
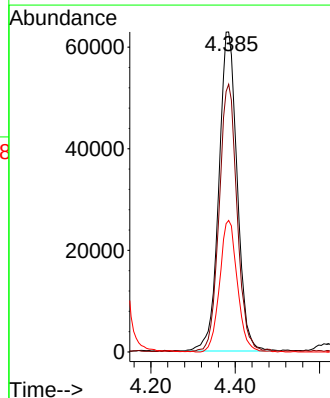
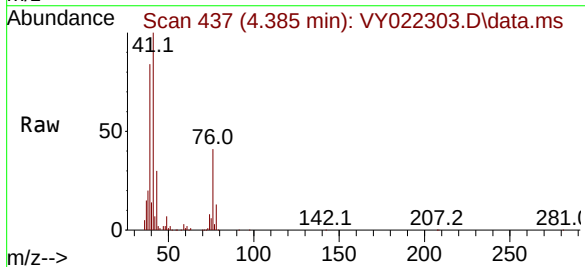
Tgt Ion: 41 Resp: 188875

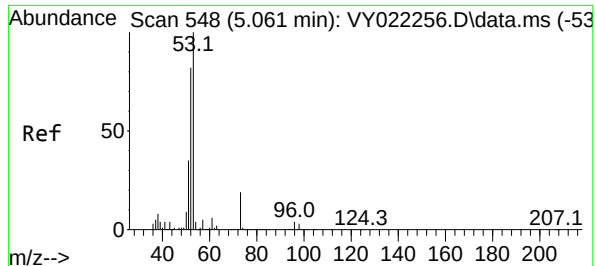
Ion Ratio Lower Upper

41 100

39 81.3 63.4 95.0

76 39.7 29.5 44.3





#15

Acrylonitrile

Concen: 215.208 ug/l

RT: 5.061 min Scan# 548

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

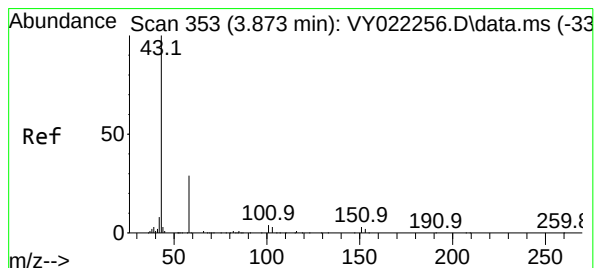
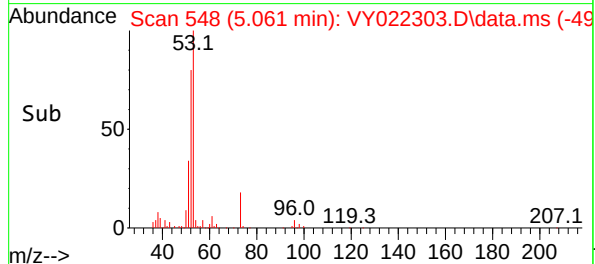
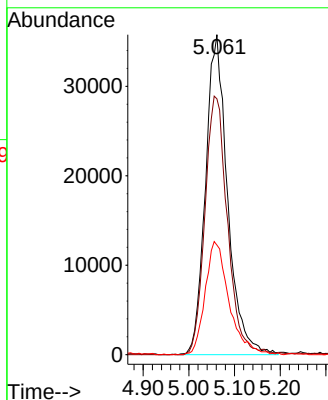
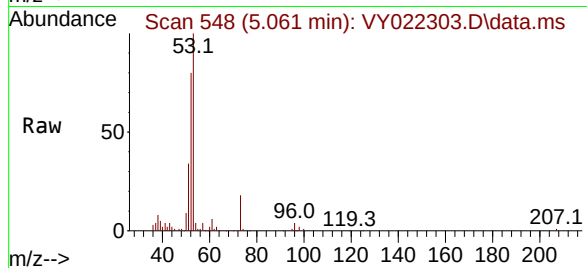
Tgt Ion: 53 Resp: 119810

Ion Ratio Lower Upper

53 100

52 82.8 66.1 99.1

51 38.3 30.0 45.0



#16

Acetone

Concen: 198.172 ug/l

RT: 3.873 min Scan# 353

Delta R.T. -0.000 min

Lab File: VY022303.D

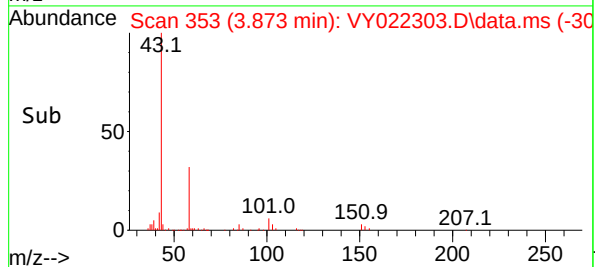
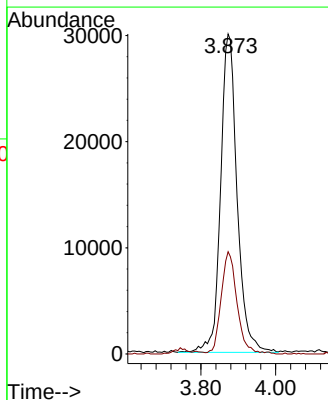
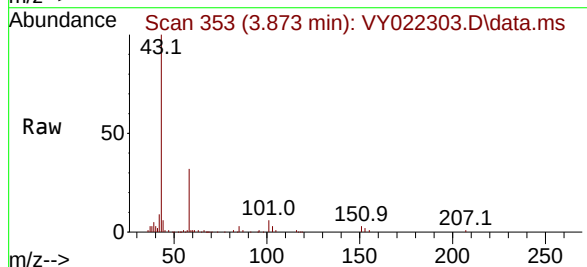
Acq: 19 May 2025 08:27

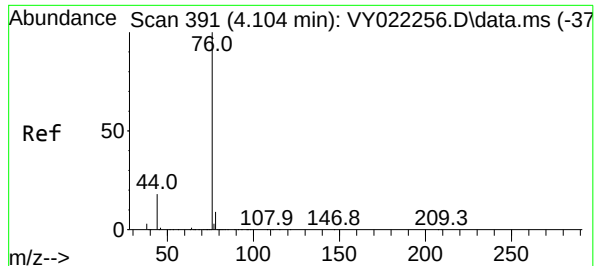
Tgt Ion: 43 Resp: 92085

Ion Ratio Lower Upper

43 100

58 32.1 23.6 35.4





#17

Carbon Disulfide

Concen: 47.162 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

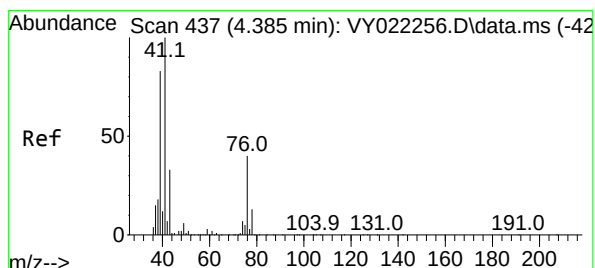
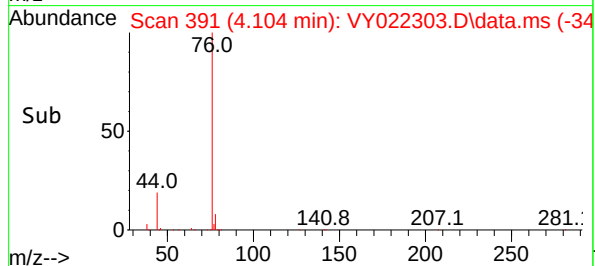
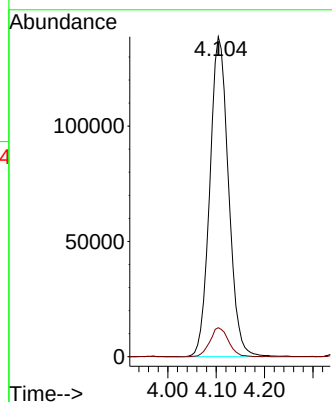
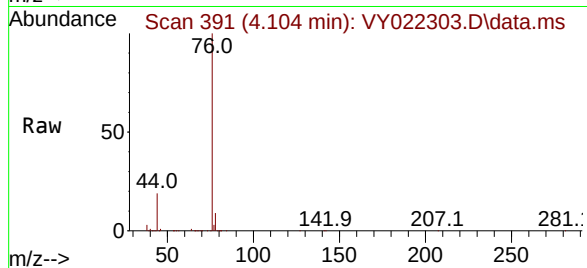
VSTDCCC050

Tgt Ion: 76 Resp: 373012

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 40.670 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY022303.D

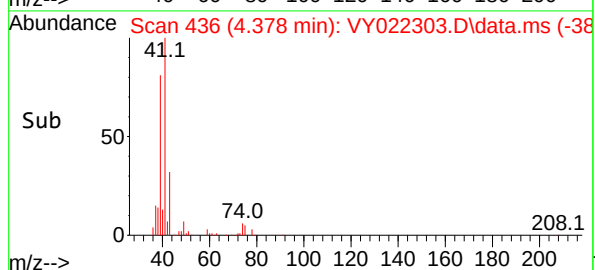
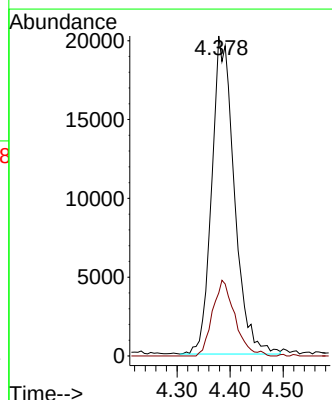
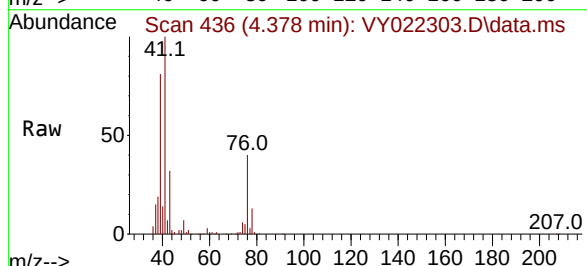
Acq: 19 May 2025 08:27

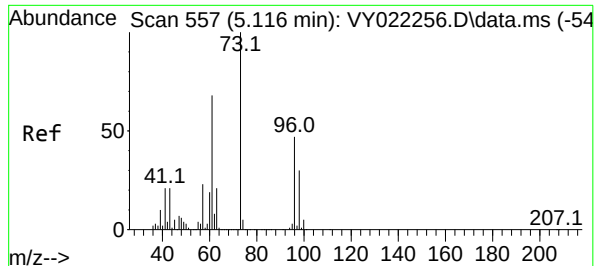
Tgt Ion: 43 Resp: 59584

Ion Ratio Lower Upper

43 100

74 23.6 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 44.815 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

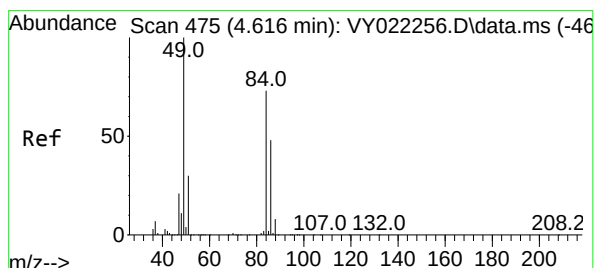
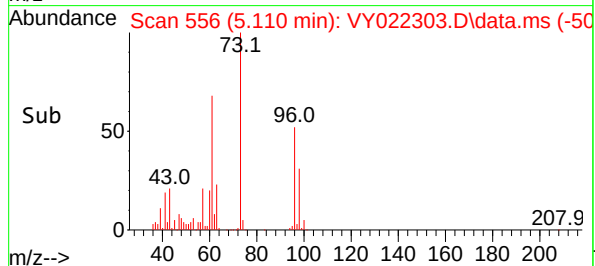
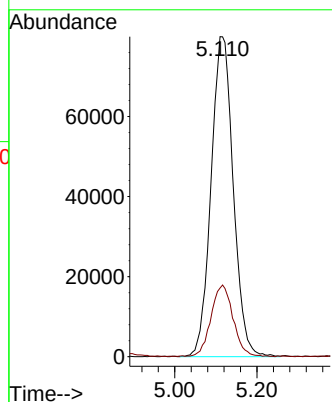
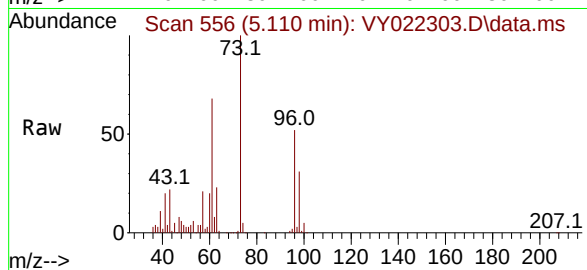
VSTDCCC050

Tgt Ion: 73 Resp: 299714

Ion Ratio Lower Upper

73 100

57 21.3 18.6 28.0



#20

Methylene Chloride

Concen: 40.894 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Tgt Ion: 84 Resp: 122787

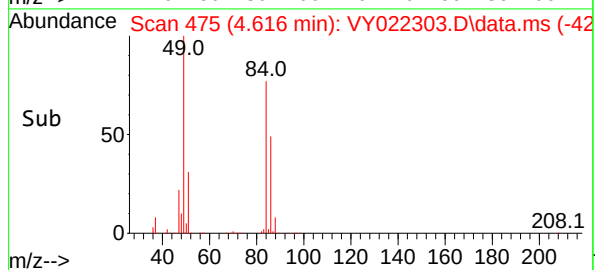
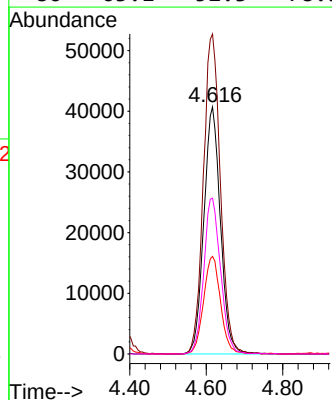
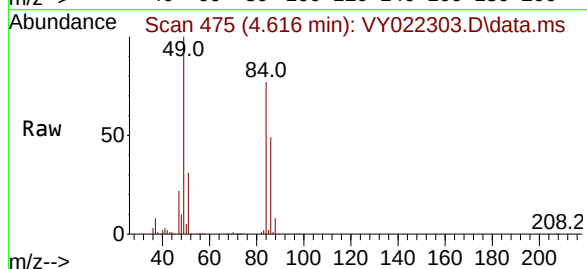
Ion Ratio Lower Upper

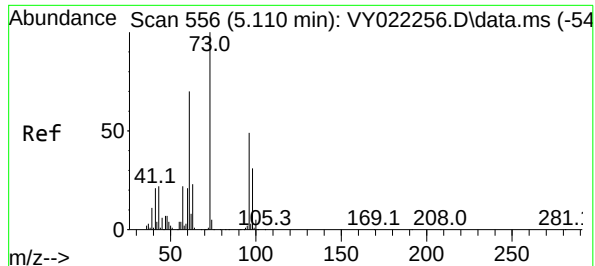
84 100

49 129.6 109.6 164.4

51 39.5 32.4 48.6

86 63.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.410 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

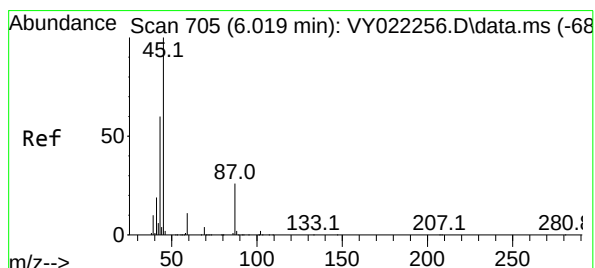
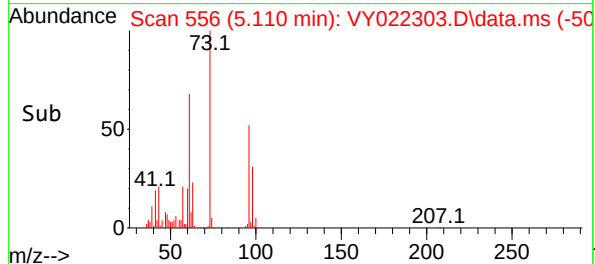
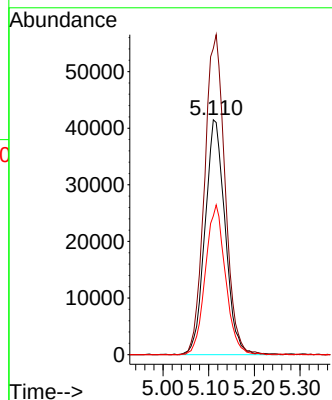
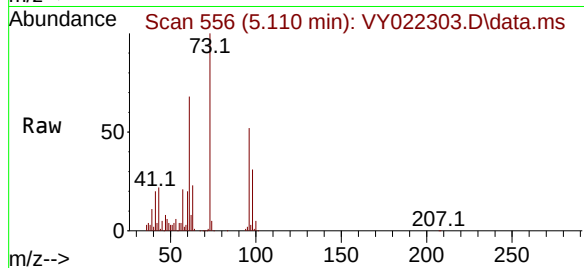
Tgt Ion: 96 Resp: 126924

Ion Ratio Lower Upper

96 100

61 130.3 113.4 170.0

98 59.1 50.9 76.3



#22

Diisopropyl ether

Concen: 43.870 ug/l

RT: 6.018 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Tgt Ion: 45 Resp: 394002

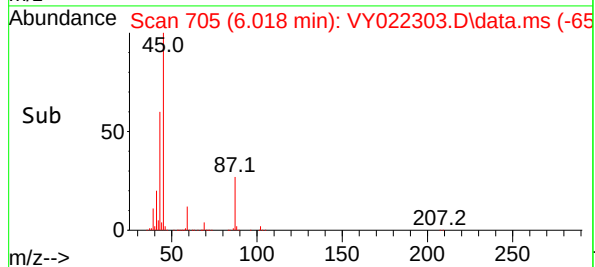
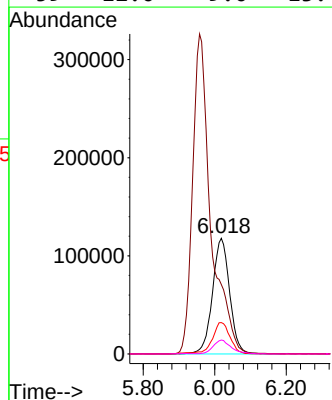
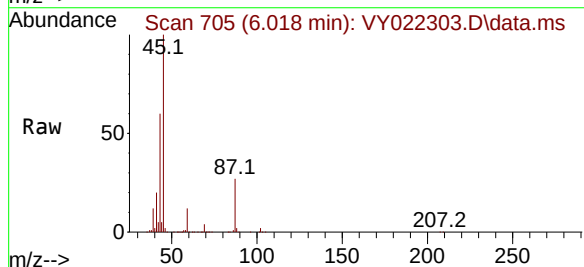
Ion Ratio Lower Upper

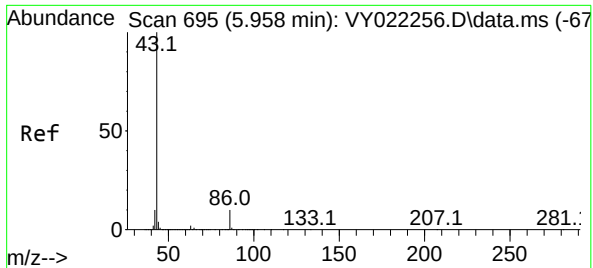
45 100

43 59.8 48.2 72.2

87 27.1 21.4 32.0

59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 212.665 ug/l

RT: 5.957 min Scan# 695

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

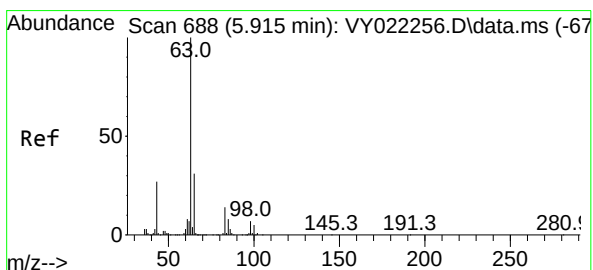
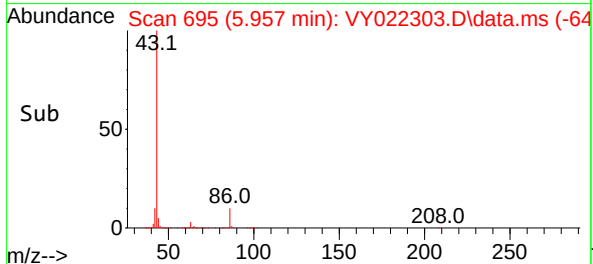
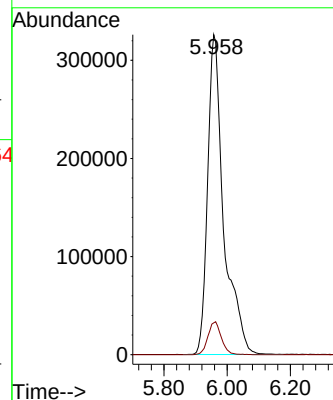
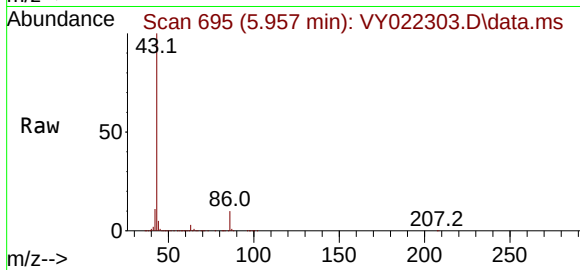
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1153872

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8



#24

1,1-Dichloroethane

Concen: 46.546 ug/l

RT: 5.915 min Scan# 688

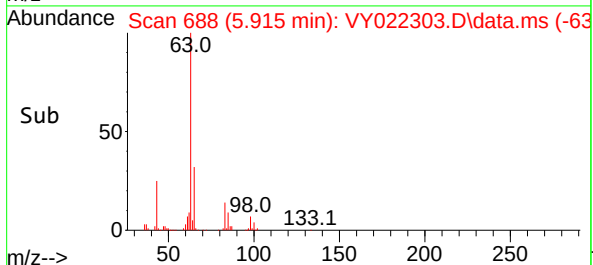
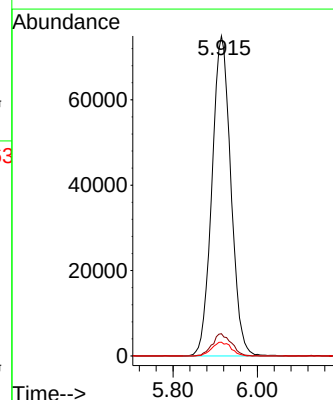
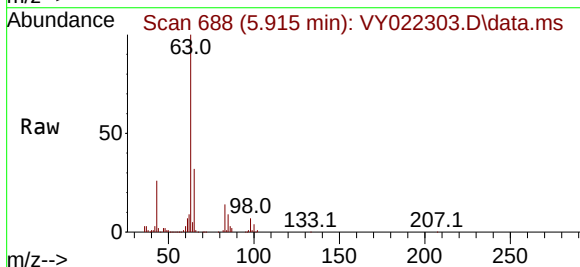
Delta R.T. -0.000 min

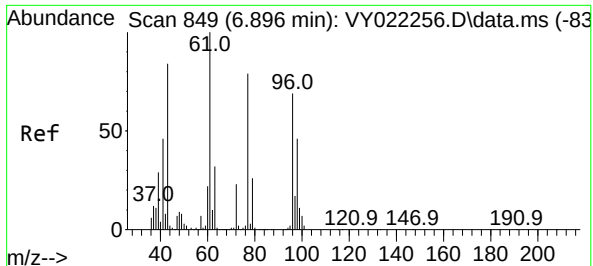
Lab File: VY022303.D

Acq: 19 May 2025 08:27

Tgt Ion: 63 Resp: 233548

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.5
100	4.3	2.4	7.2





#25

2-Butanone

Concen: 200.639 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

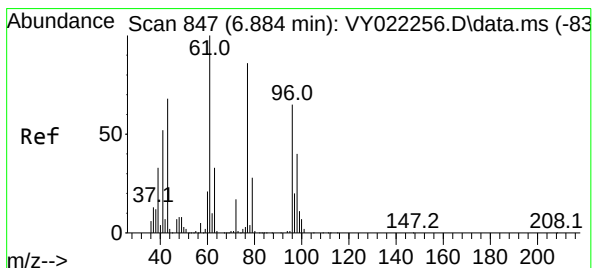
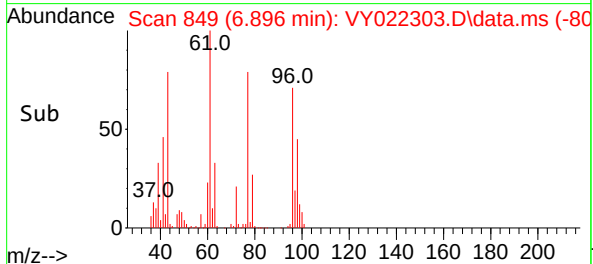
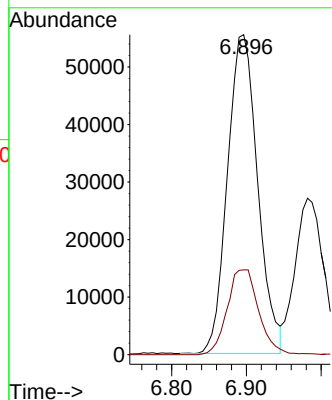
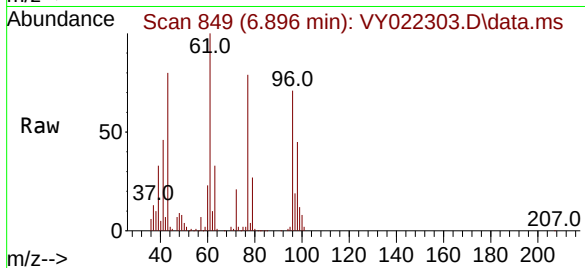
VSTDCCC050

Tgt Ion: 43 Resp: 155949

Ion Ratio Lower Upper

43 100

72 26.6 22.1 33.1



#26

2,2-Dichloropropane

Concen: 47.772 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022303.D

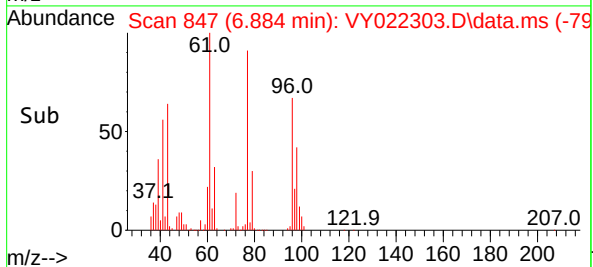
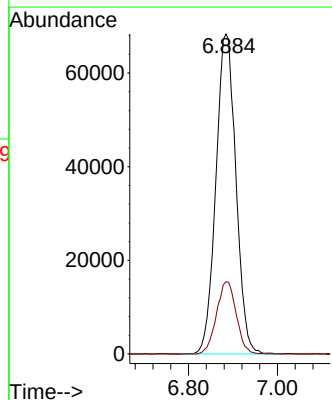
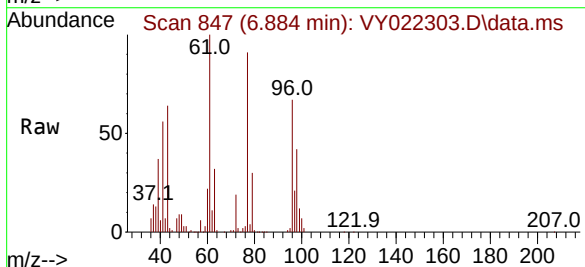
Acq: 19 May 2025 08:27

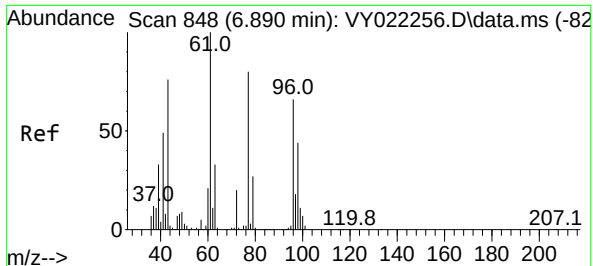
Tgt Ion: 77 Resp: 213195

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5

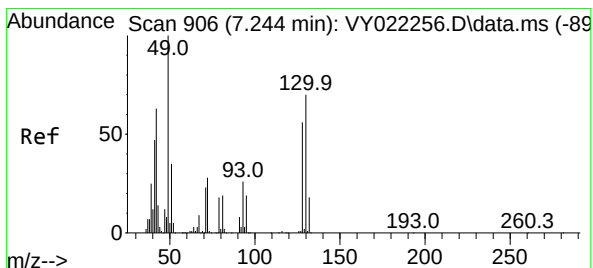
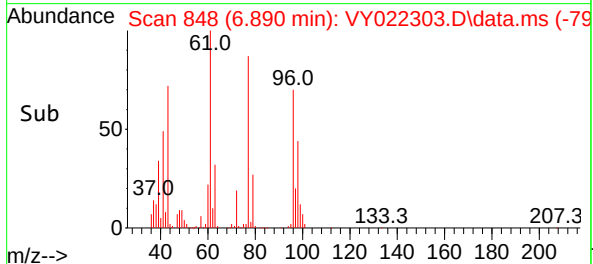
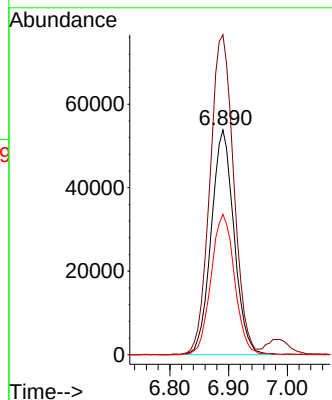
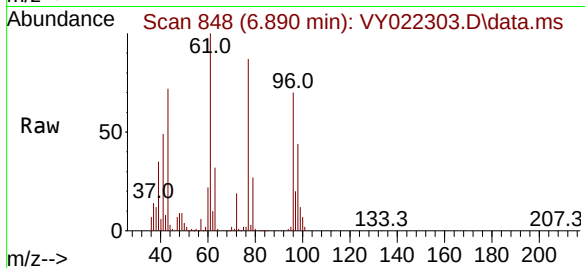




#27
 cis-1,2-Dichloroethene
 Concen: 46.812 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

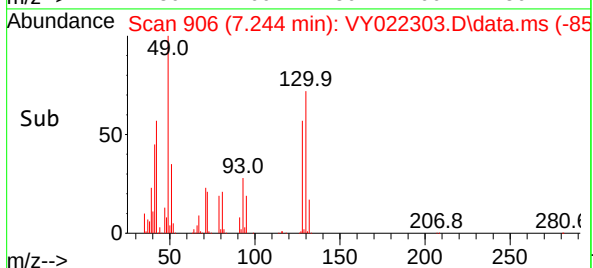
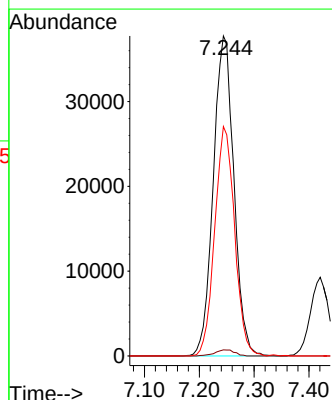
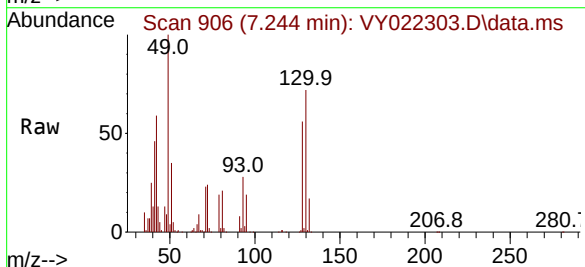
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

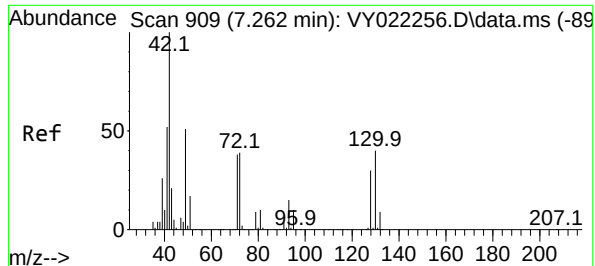
Tgt Ion: 96 Resp: 144620
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 302.6
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.966 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

Tgt Ion: 49 Resp: 98377
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 69.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 209.360 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

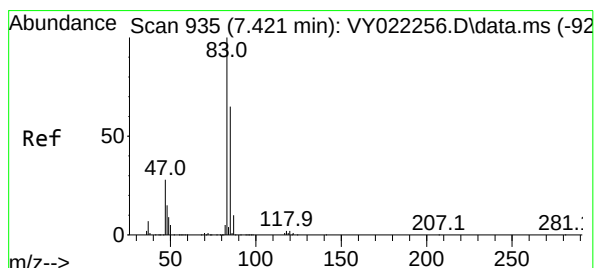
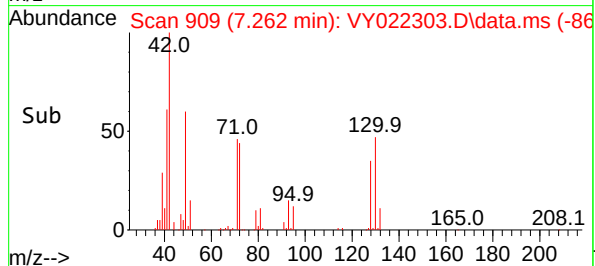
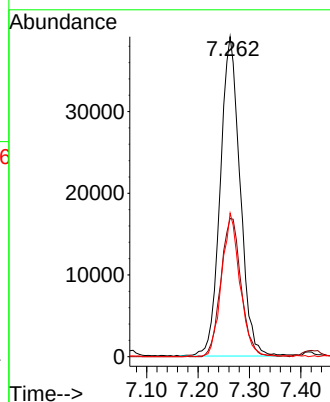
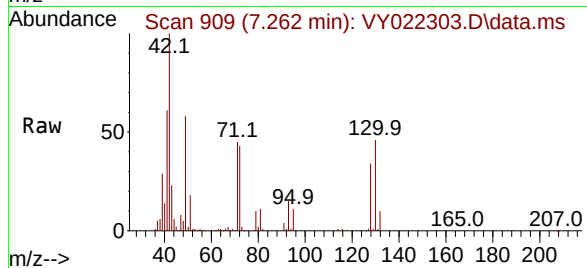
Tgt Ion: 42 Resp: 104691

Ion Ratio Lower Upper

42 100

72 44.5 33.8 50.6

71 41.7 31.5 47.3



#30

Chloroform

Concen: 47.434 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022303.D

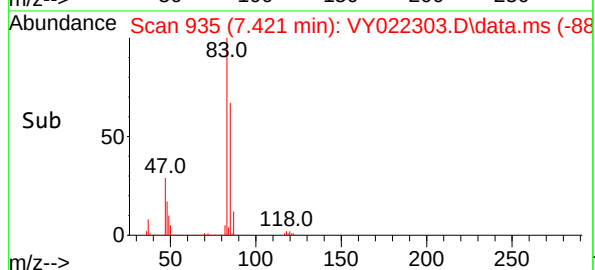
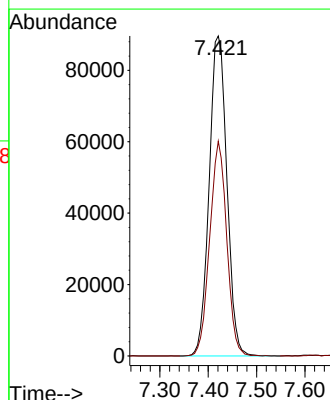
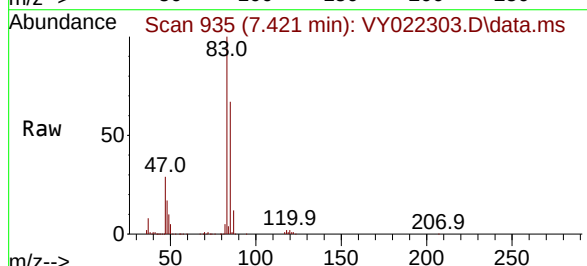
Acq: 19 May 2025 08:27

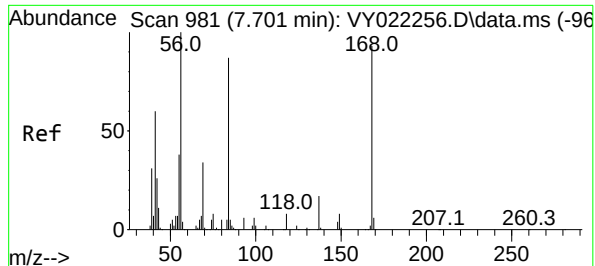
Tgt Ion: 83 Resp: 228289

Ion Ratio Lower Upper

83 100

85 67.1 51.8 77.8





#31

Cyclohexane

Concen: 45.534 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

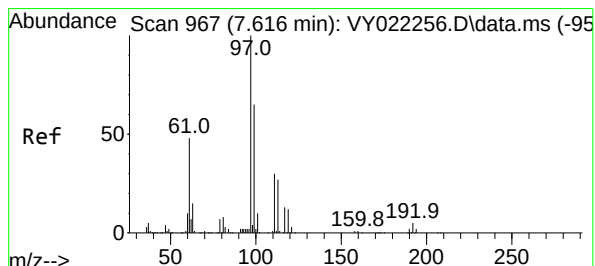
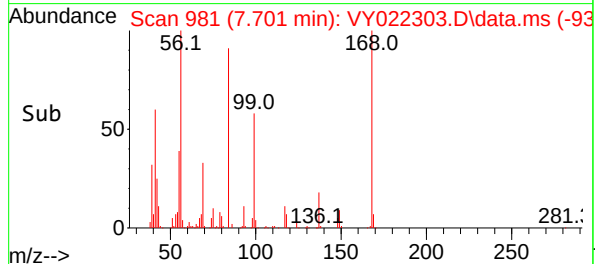
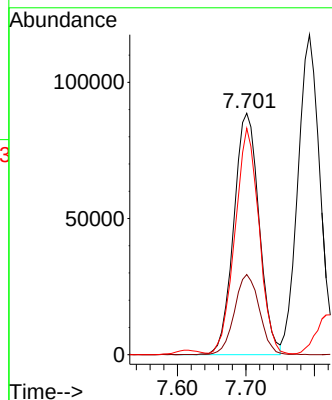
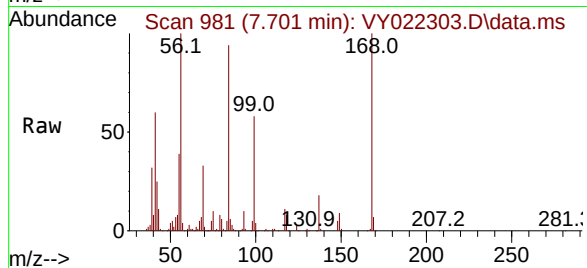
Tgt Ion: 56 Resp: 228271

Ion Ratio Lower Upper

56 100

69 33.1 27.4 41.2

84 92.2 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 47.688 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

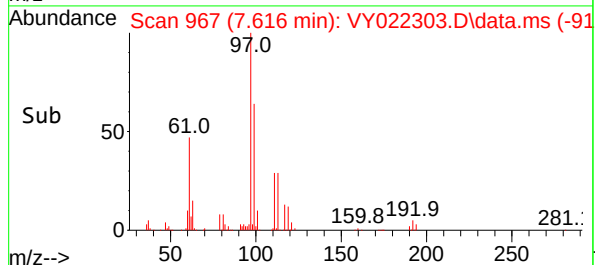
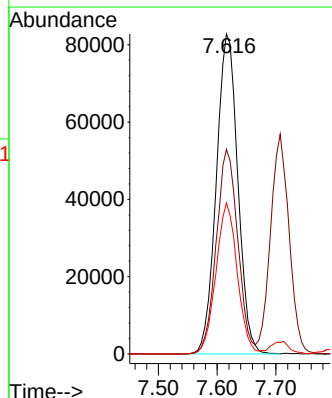
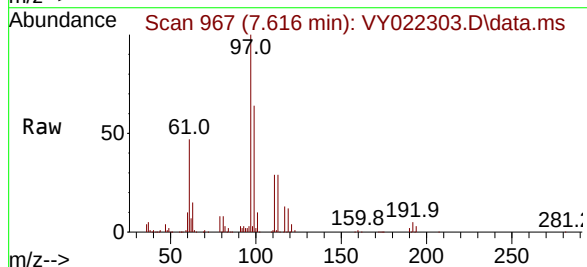
Tgt Ion: 97 Resp: 210565

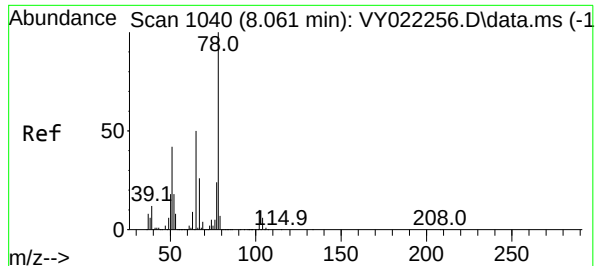
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 46.7 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 46.309 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

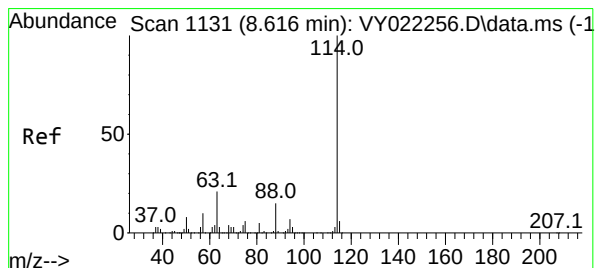
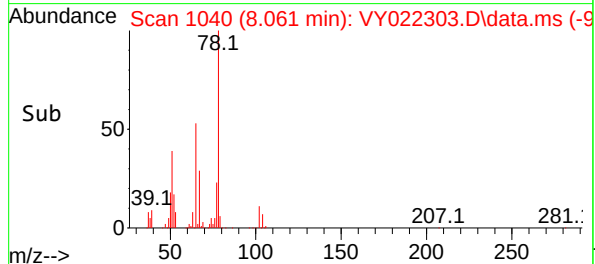
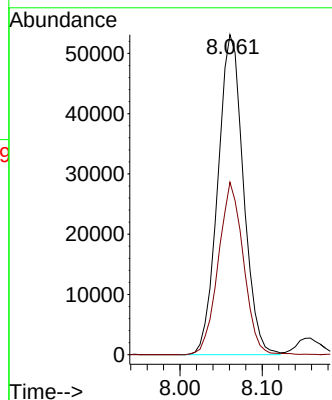
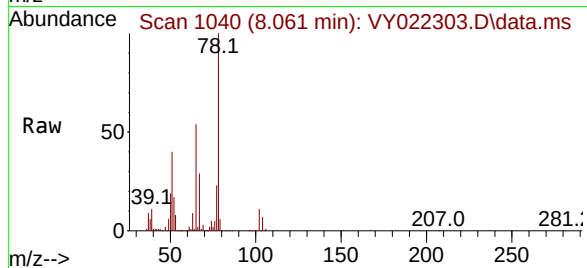
VSTDCCC050

Tgt Ion: 65 Resp: 114762

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

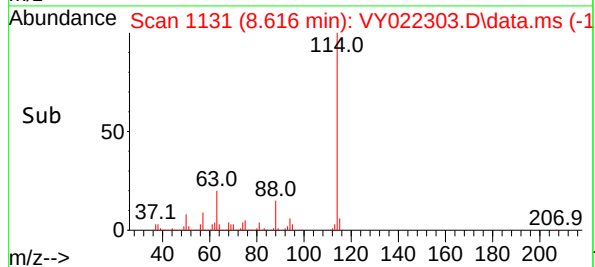
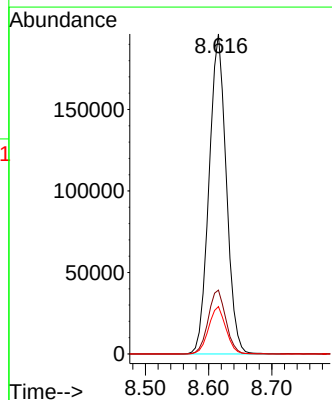
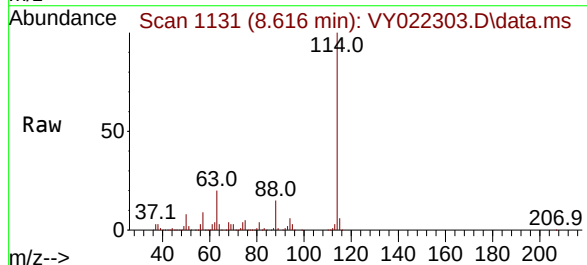
Tgt Ion: 114 Resp: 371882

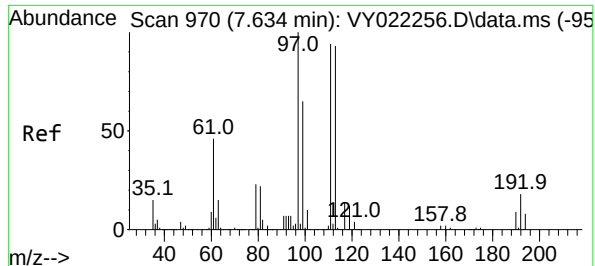
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.294 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

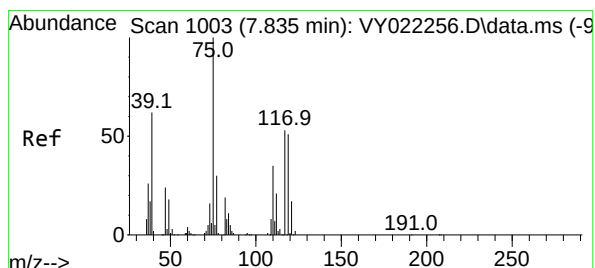
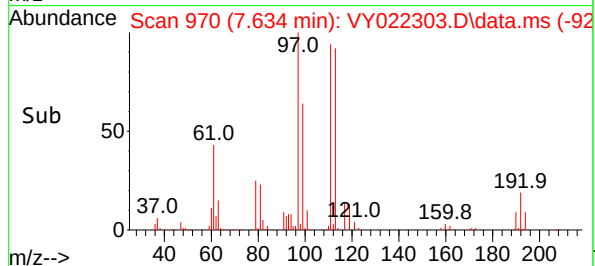
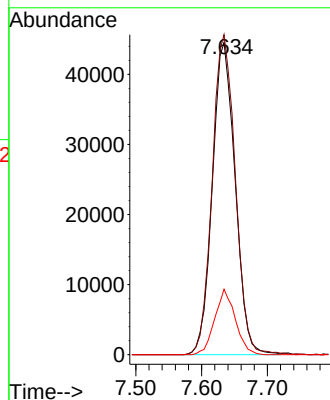
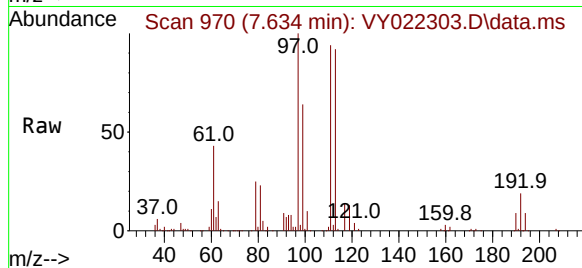
Tgt Ion:113 Resp: 107193

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 19.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 48.649 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

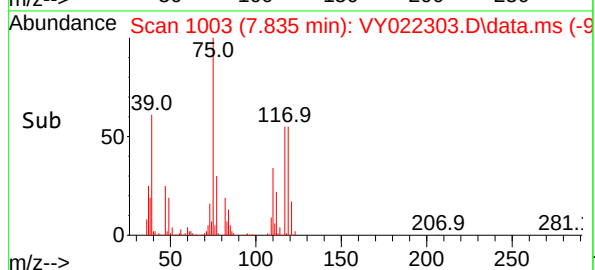
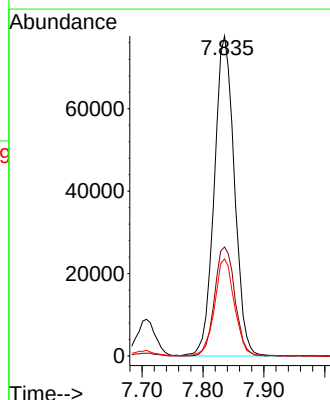
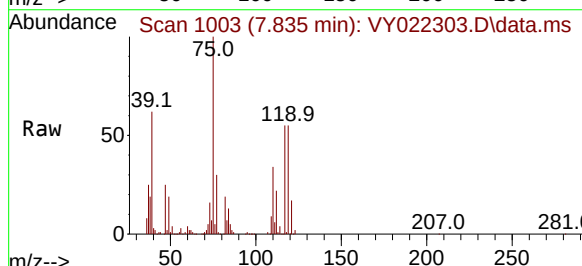
Tgt Ion: 75 Resp: 177858

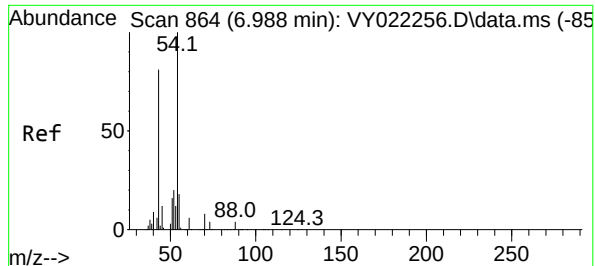
Ion Ratio Lower Upper

75 100

110 34.5 16.6 49.8

77 30.0 24.6 37.0





#37

Ethyl Acetate

Concen: 42.138 ug/l

RT: 6.982 min Scan# 864

Delta R.T. -0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

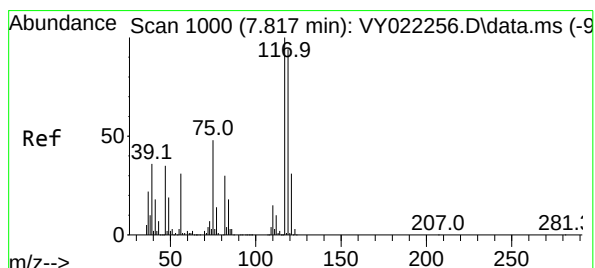
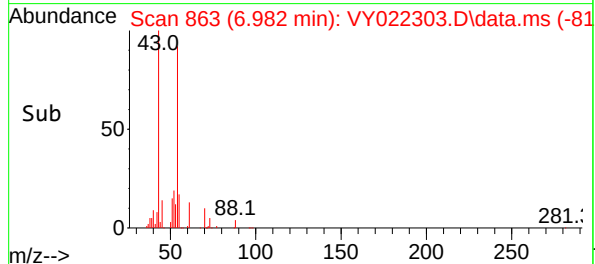
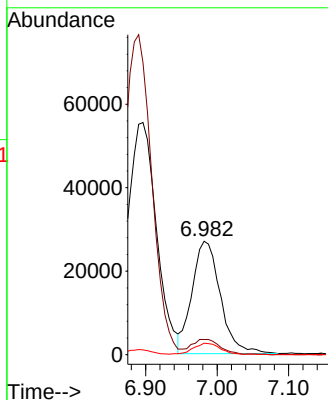
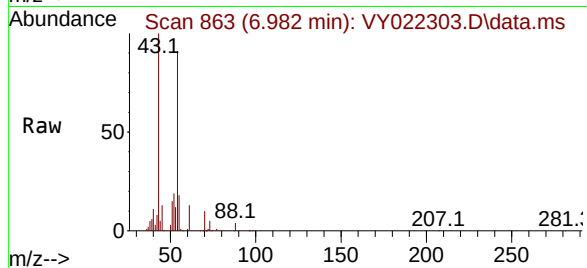
Tgt Ion: 43 Resp: 74123

Ion Ratio Lower Upper

43 100

61 14.0 10.2 15.2

70 10.1 7.6 11.4



#38

Carbon Tetrachloride

Concen: 49.136 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

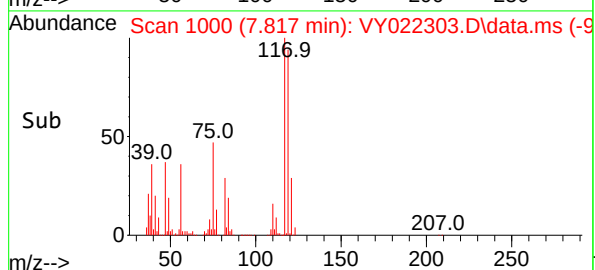
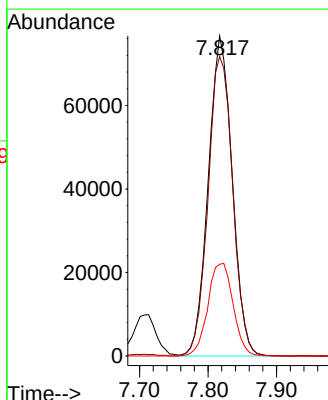
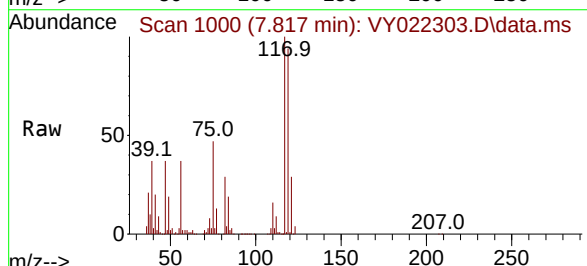
Tgt Ion: 117 Resp: 185946

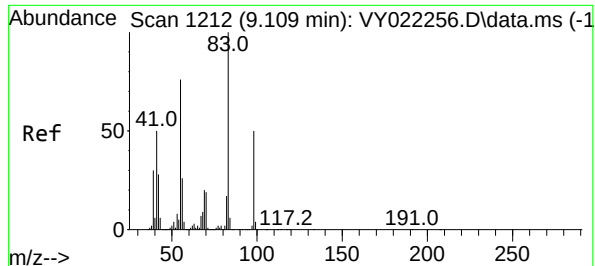
Ion Ratio Lower Upper

117 100

119 93.6 75.3 112.9

121 28.7 24.7 37.1





#39

Methylcyclohexane

Concen: 49.884 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

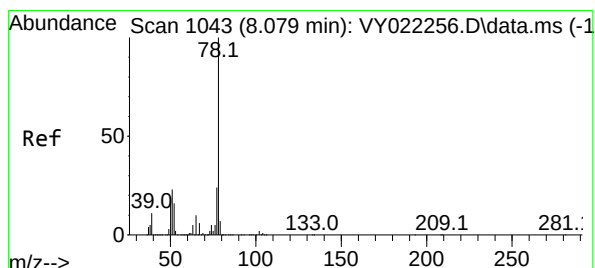
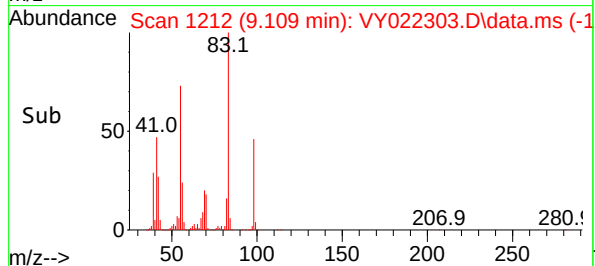
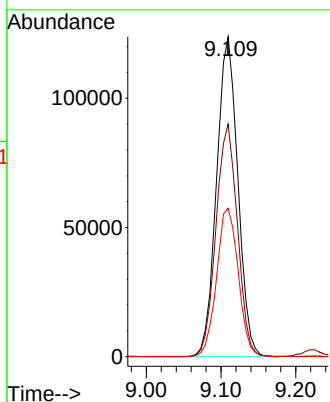
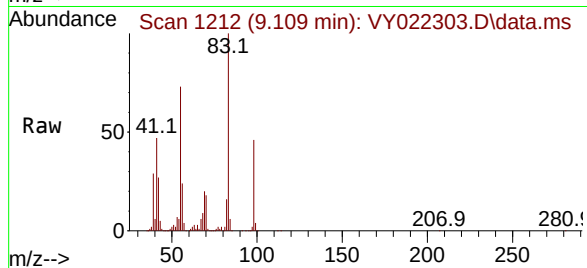
Tgt Ion: 83 Resp: 245018

Ion Ratio Lower Upper

83 100

55 72.6 60.6 90.8

98 46.4 40.0 60.0



#40

Benzene

Concen: 47.813 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022303.D

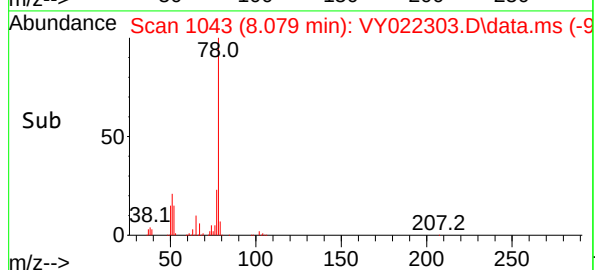
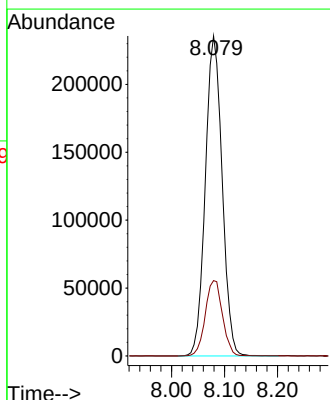
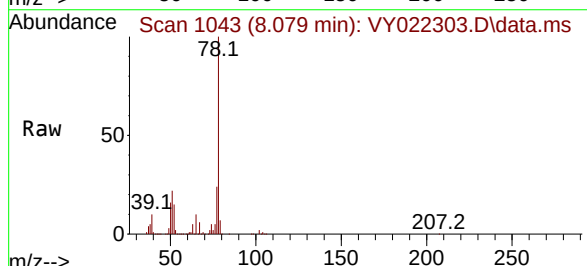
Acq: 19 May 2025 08:27

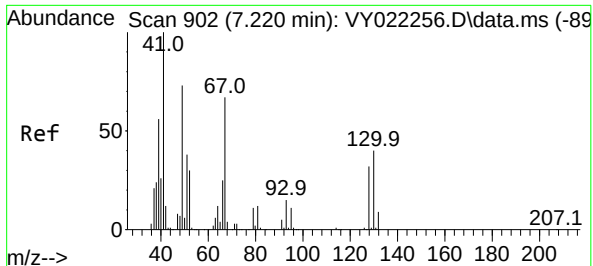
Tgt Ion: 78 Resp: 518202

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3





#41

Methacrylonitrile

Concen: 37.986 ug/l

RT: 7.219 min Scan# 902

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 44324

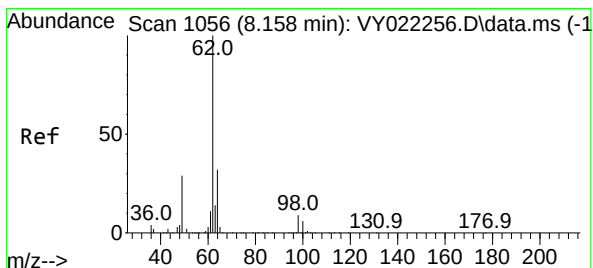
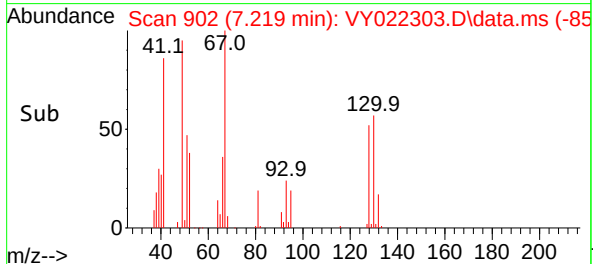
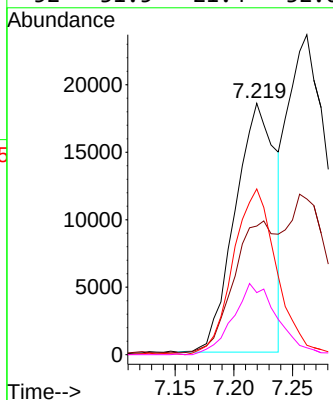
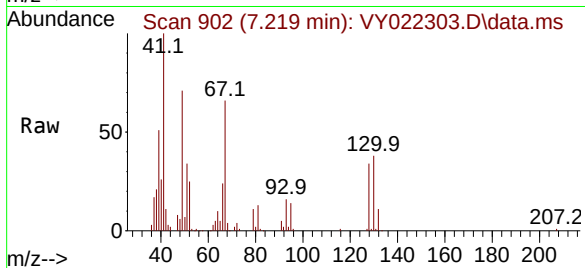
Ion Ratio Lower Upper

41 100

39 56.5 39.1 58.7

67 72.6 47.1 70.7#

52 31.5 21.4 32.0



#42

1,2-Dichloroethane

Concen: 45.719 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VY022303.D

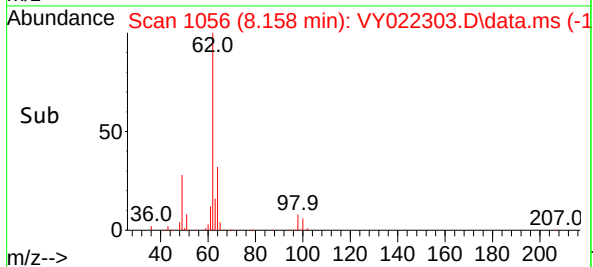
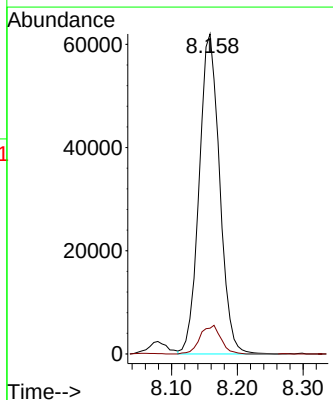
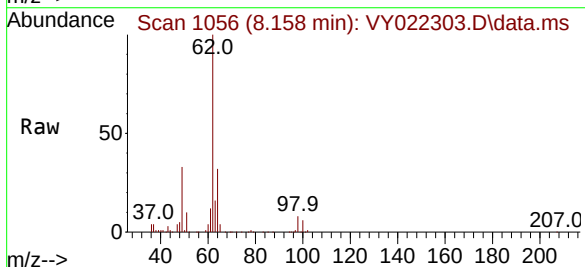
Acq: 19 May 2025 08:27

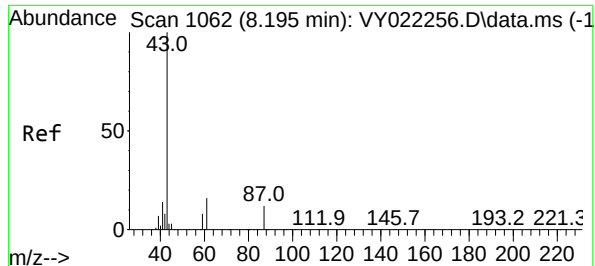
Tgt Ion: 62 Resp: 133999

Ion Ratio Lower Upper

62 100

98 9.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 42.921 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

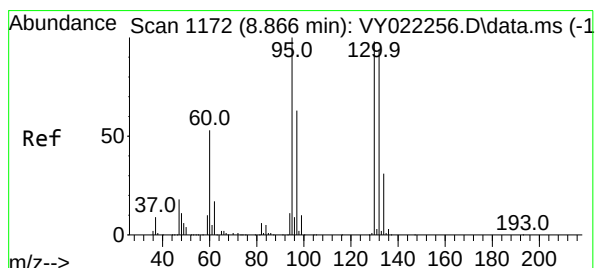
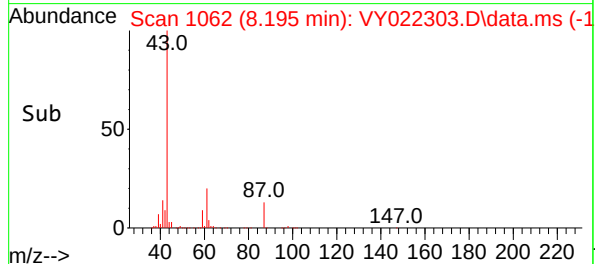
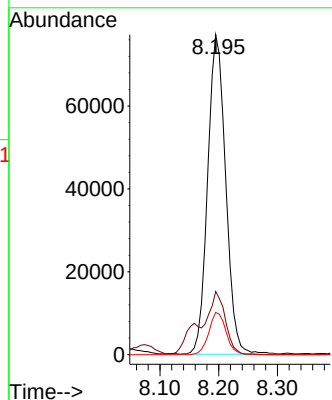
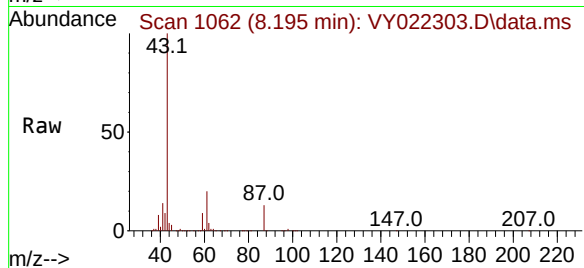
Tgt Ion: 43 Resp: 164658

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

87 12.7 9.7 14.5



#44

Trichloroethene

Concen: 48.183 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022303.D

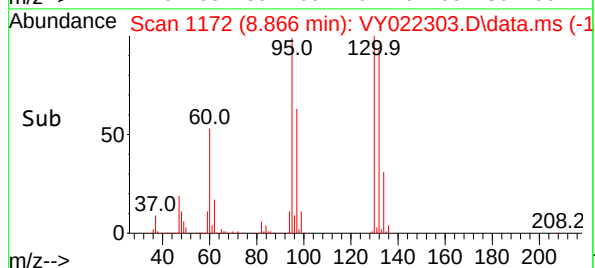
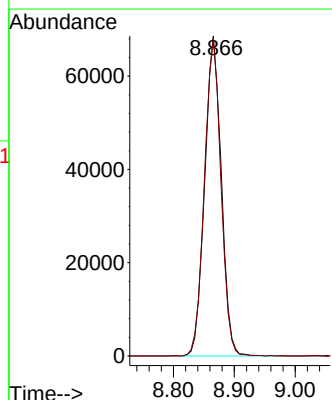
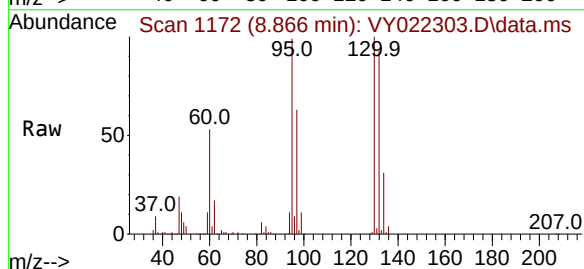
Acq: 19 May 2025 08:27

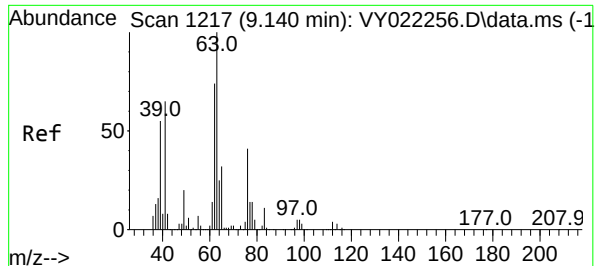
Tgt Ion:130 Resp: 129847

Ion Ratio Lower Upper

130 100

95 99.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 46.575 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

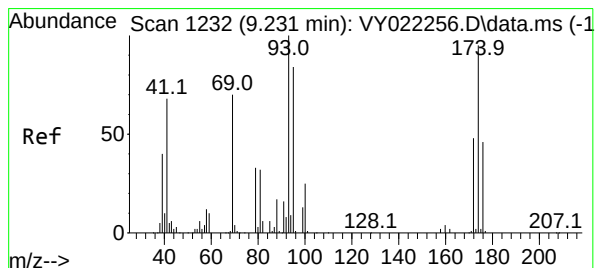
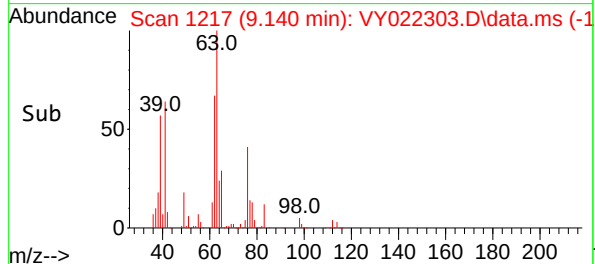
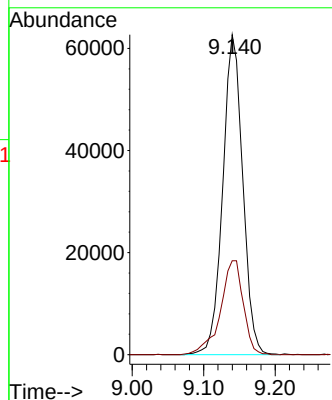
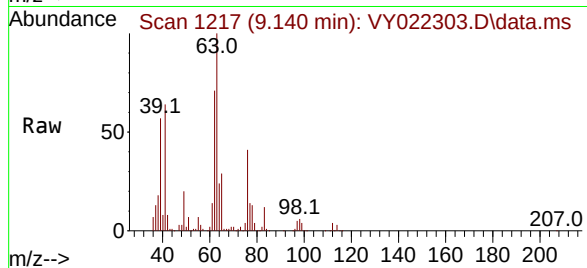
VSTDCCC050

Tgt Ion: 63 Resp: 121700

Ion Ratio Lower Upper

63 100

65 29.3 25.7 38.5



#46

Dibromomethane

Concen: 45.943 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

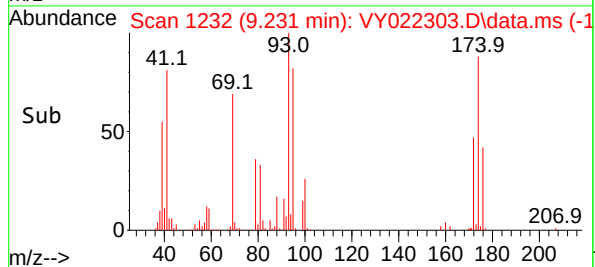
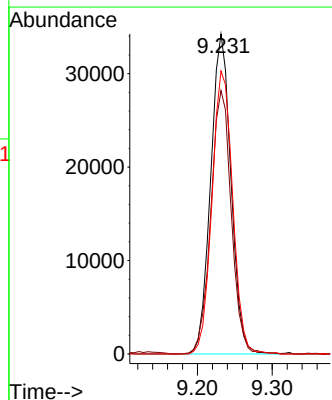
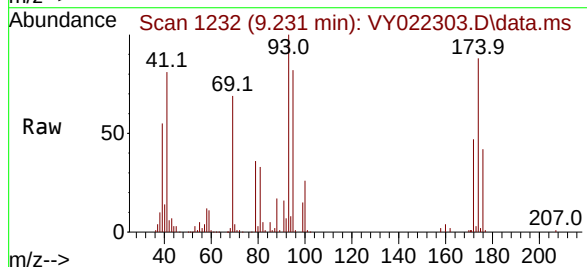
Tgt Ion: 93 Resp: 64749

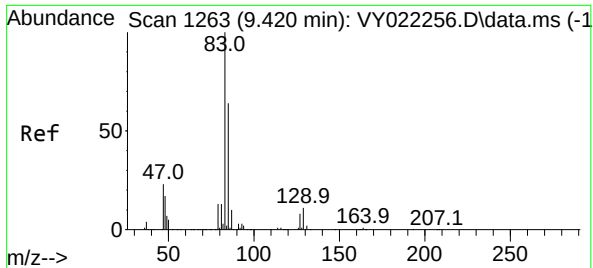
Ion Ratio Lower Upper

93 100

95 83.0 65.2 97.8

174 90.0 74.3 111.5

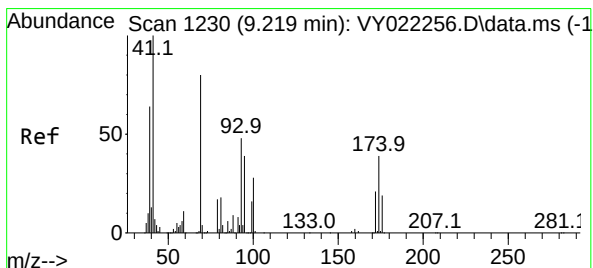
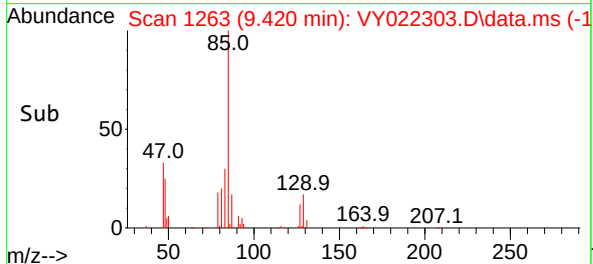
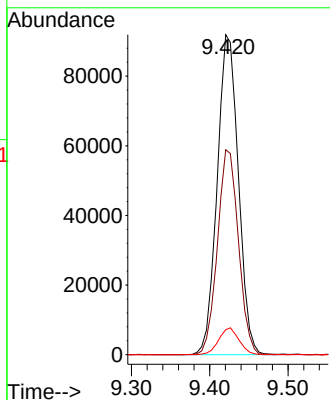
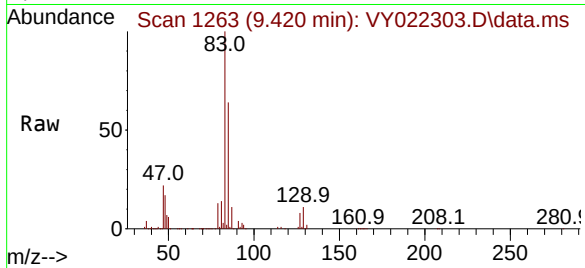




#47
Bromodichloromethane
Concen: 47.343 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

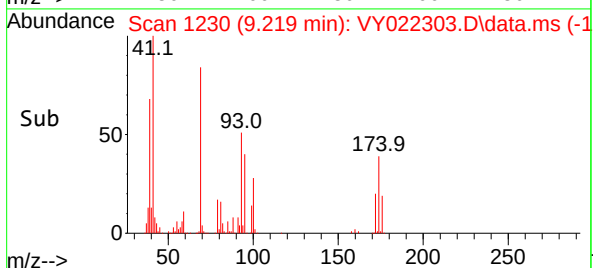
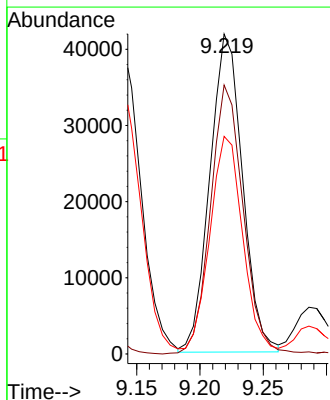
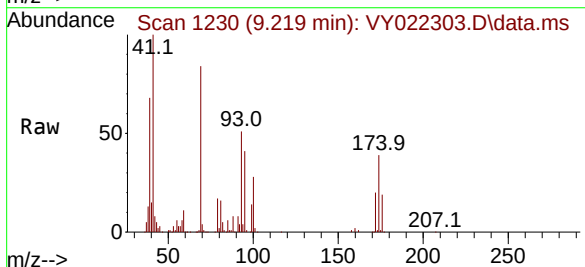
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

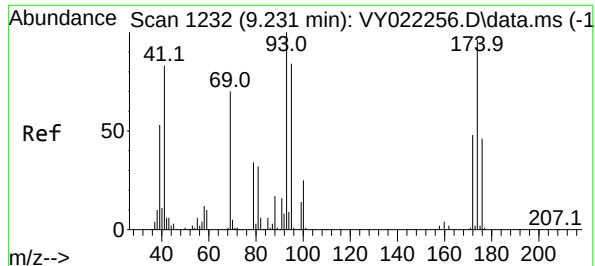
Tgt Ion: 83 Resp: 173095
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 41.892 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 41 Resp: 75158
Ion Ratio Lower Upper
41 100
69 84.9 63.5 95.3
39 66.0 50.8 76.2





#49

1,4-Dioxane

Concen: 894.779 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

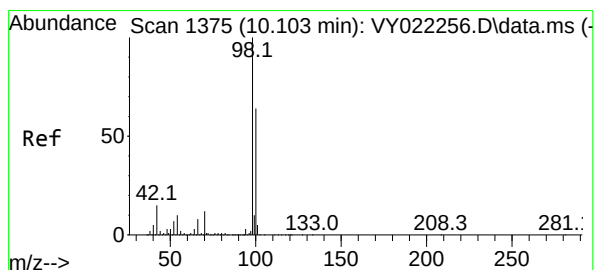
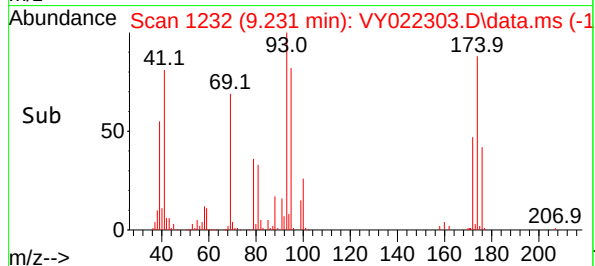
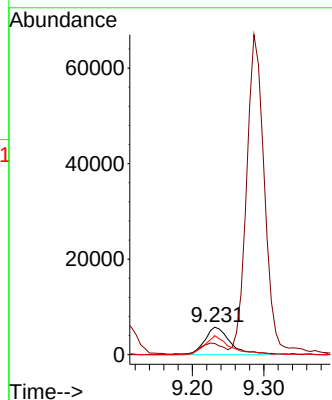
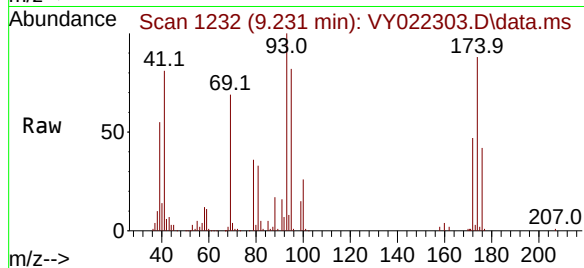
Tgt Ion: 88 Resp: 14246

Ion Ratio Lower Upper

88 100

43 36.2 28.5 42.7

58 69.9 61.4 92.2



#50

Toluene-d8

Concen: 48.568 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022303.D

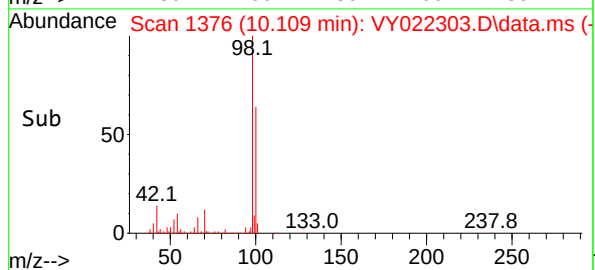
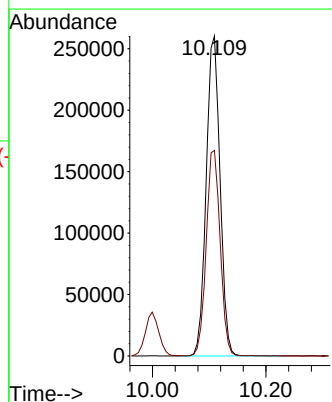
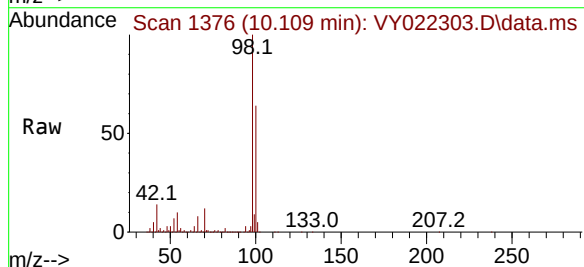
Acq: 19 May 2025 08:27

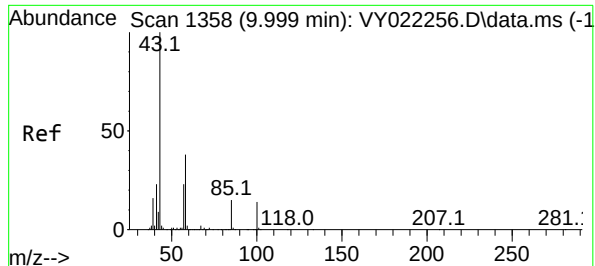
Tgt Ion: 98 Resp: 441509

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 210.035 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

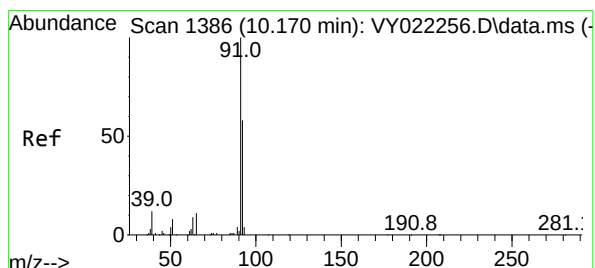
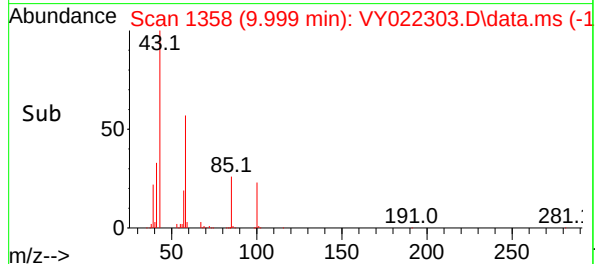
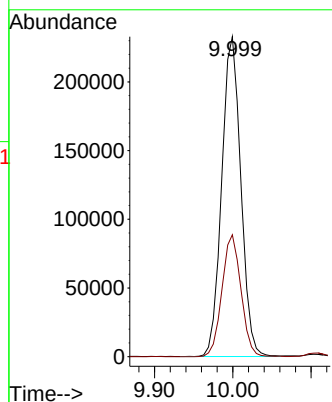
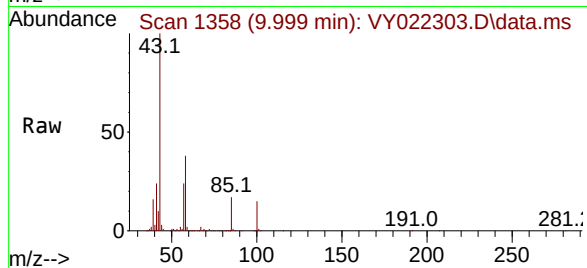
VSTDCCC050

Tgt Ion: 43 Resp: 395363

Ion Ratio Lower Upper

43 100

58 37.9 29.4 44.2



#52

Toluene

Concen: 47.193 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY022303.D

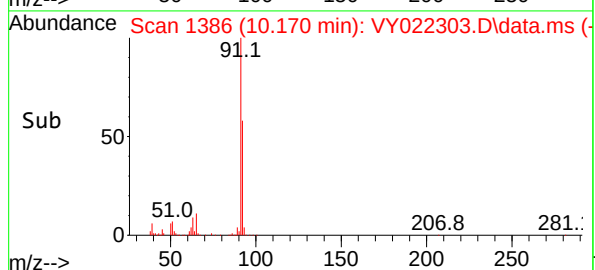
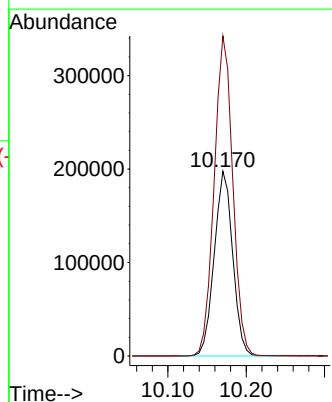
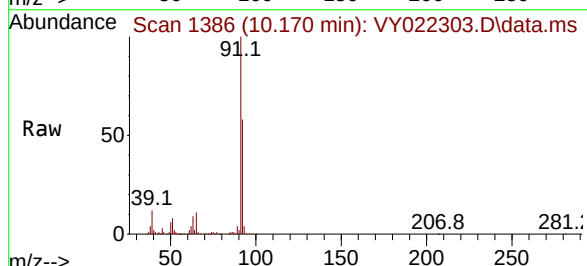
Acq: 19 May 2025 08:27

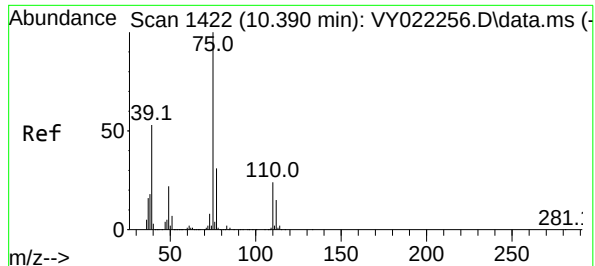
Tgt Ion: 92 Resp: 323890

Ion Ratio Lower Upper

92 100

91 174.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 45.752 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

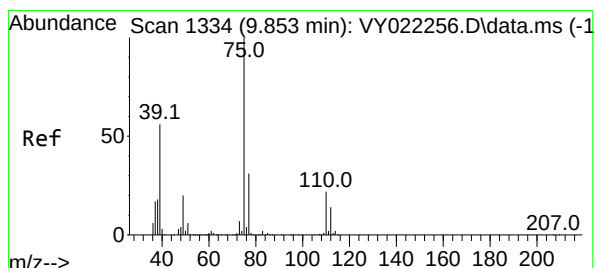
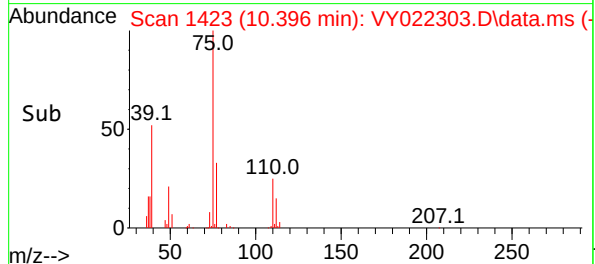
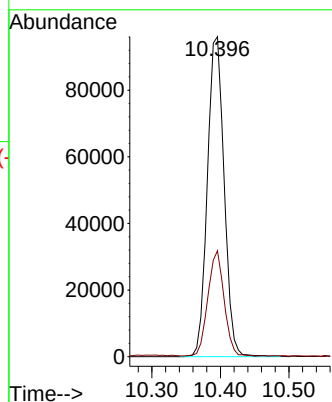
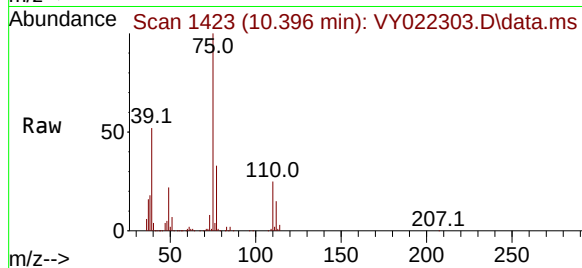
VSTDCCC050

Tgt Ion: 75 Resp: 163246

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 46.324 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

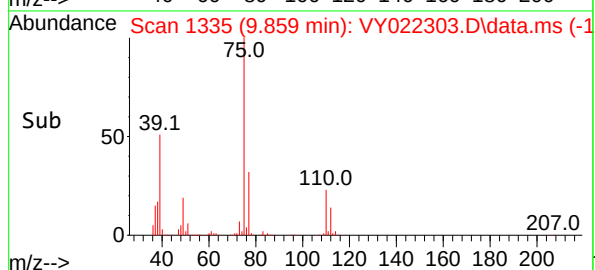
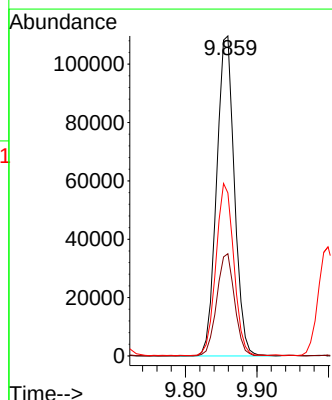
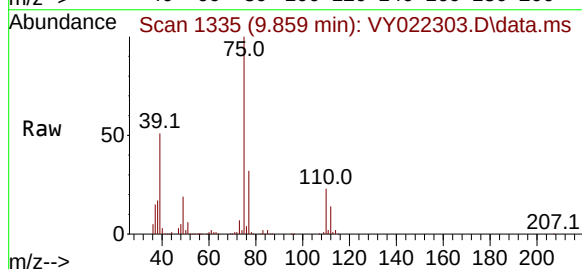
Tgt Ion: 75 Resp: 189374

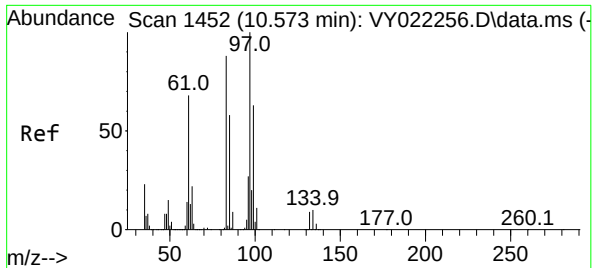
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 50.8 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 44.549 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 80398

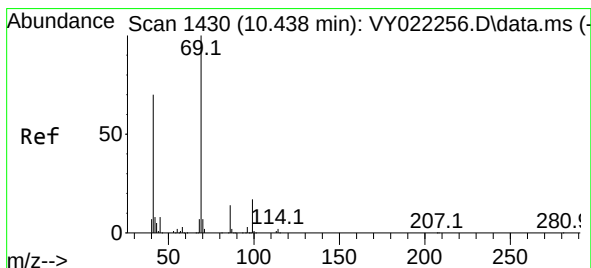
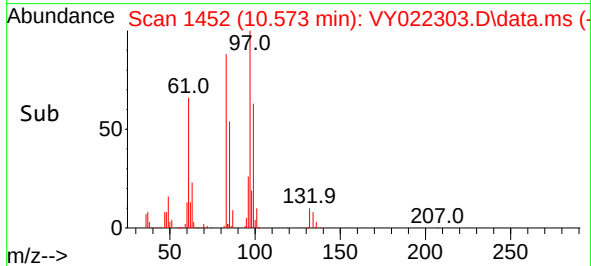
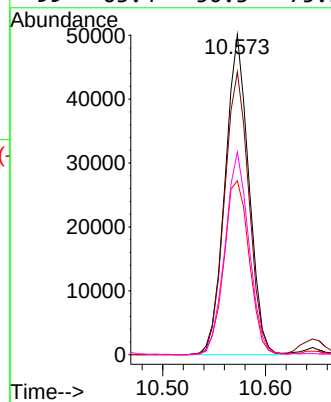
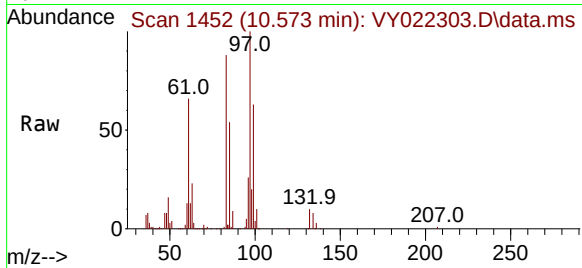
Ion Ratio Lower Upper

97 100

83 88.3 70.3 105.5

85 54.3 46.2 69.4

99 63.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 44.416 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

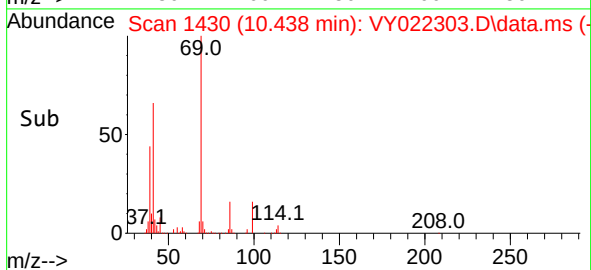
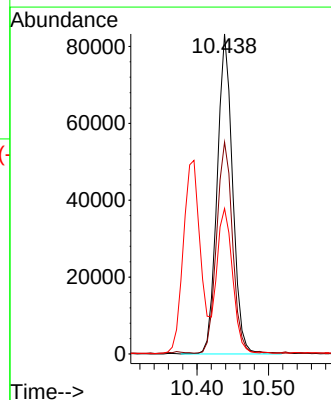
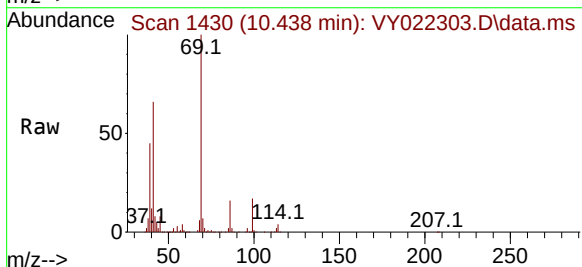
Tgt Ion: 69 Resp: 124860

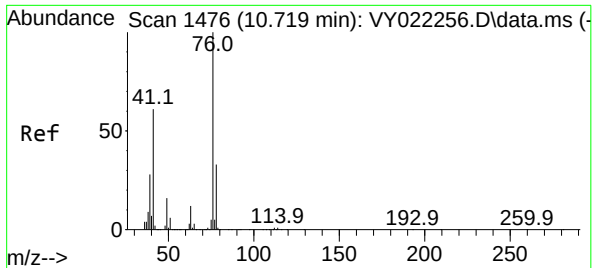
Ion Ratio Lower Upper

69 100

41 67.9 56.5 84.7

39 44.5 37.1 55.7

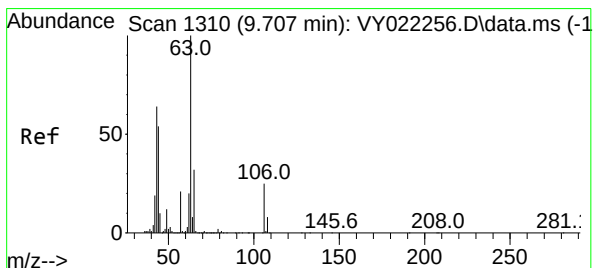
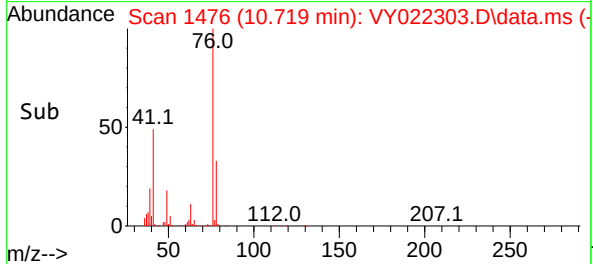
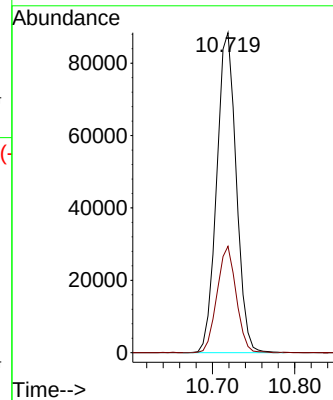
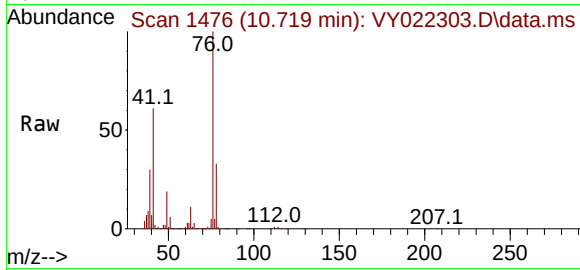




#57
1,3-Dichloropropane
Concen: 45.530 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

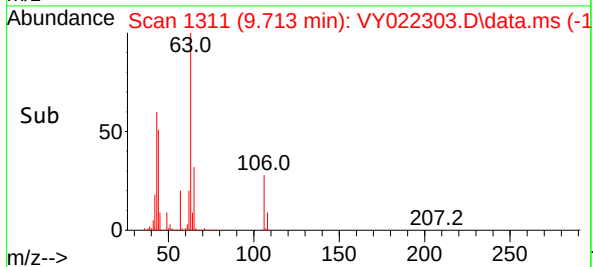
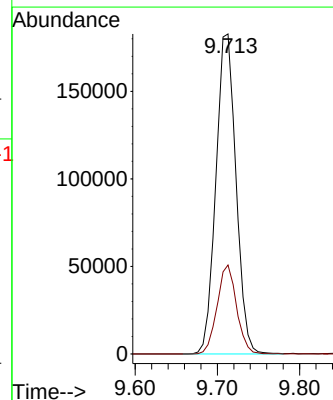
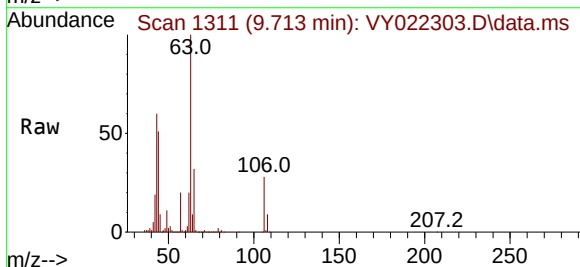
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

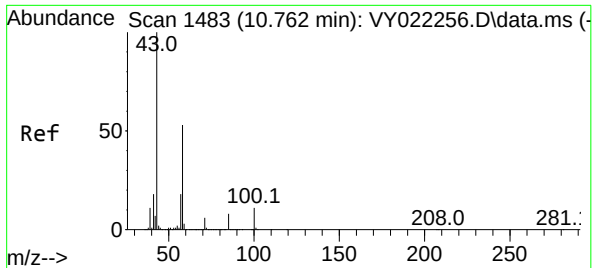
Tgt Ion: 76 Resp: 145992
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 246.231 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 63 Resp: 310691
Ion Ratio Lower Upper
63 100
106 26.9 21.0 31.4

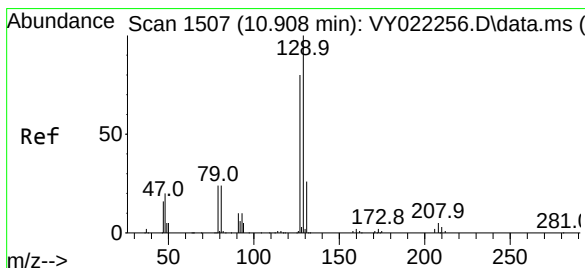
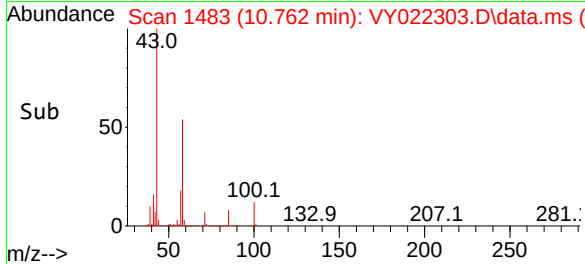
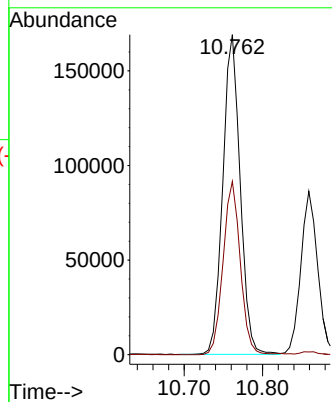
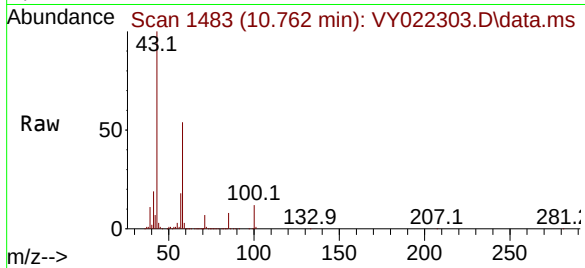




#59
2-Hexanone
Concen: 206.627 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

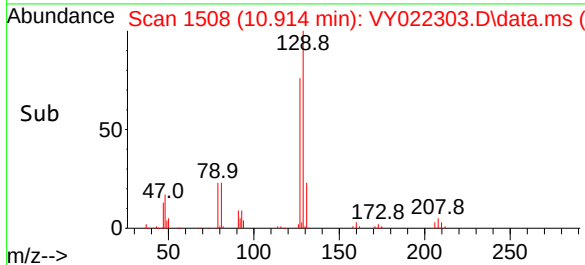
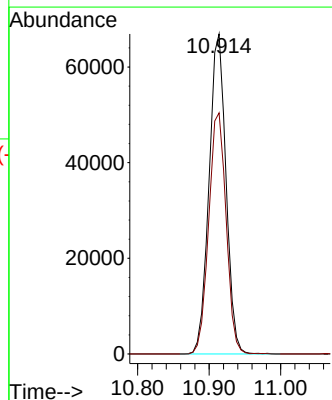
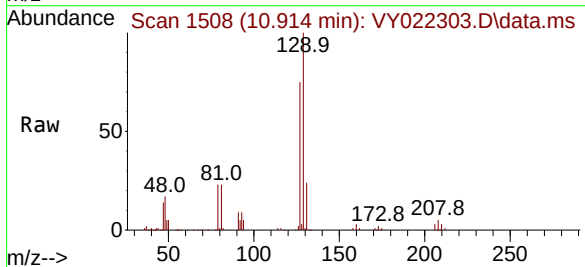
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

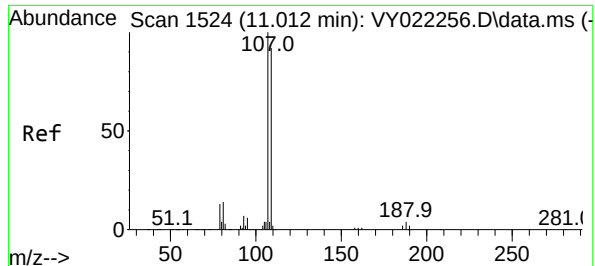
Tgt Ion: 43 Resp: 260783
Ion Ratio Lower Upper
43 100
58 53.9 26.1 78.3



#60
Dibromochloromethane
Concen: 46.983 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 129 Resp: 110053
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

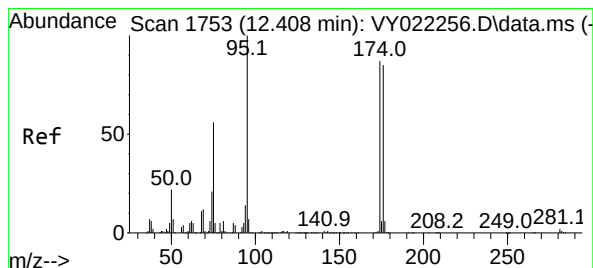
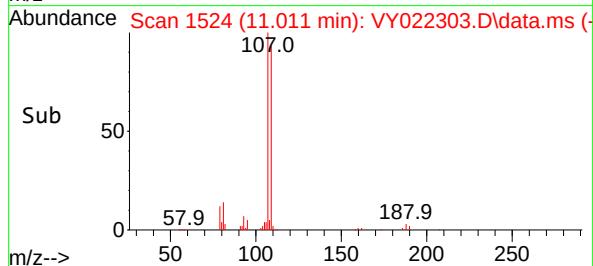
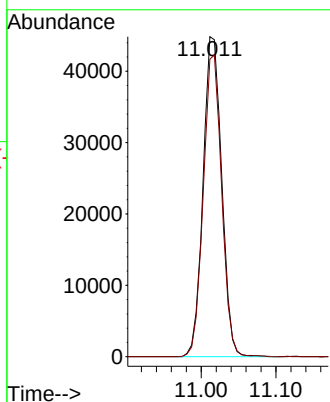
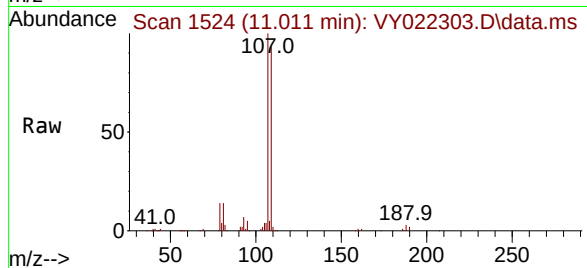




#61
1,2-Dibromoethane
Concen: 46.111 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

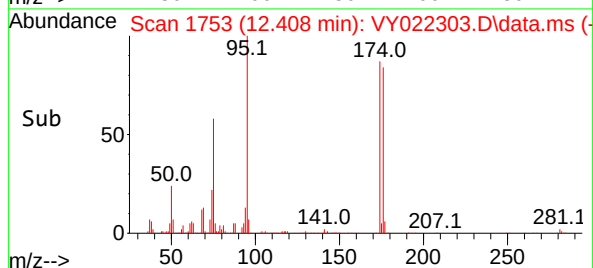
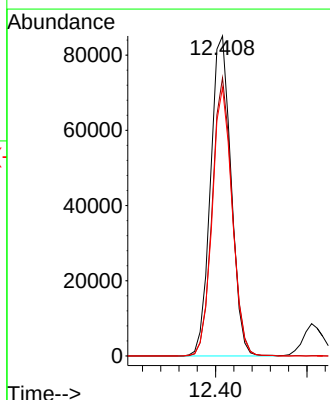
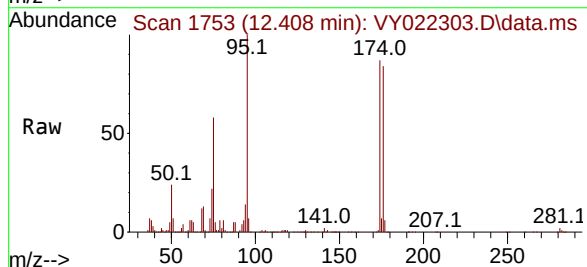
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

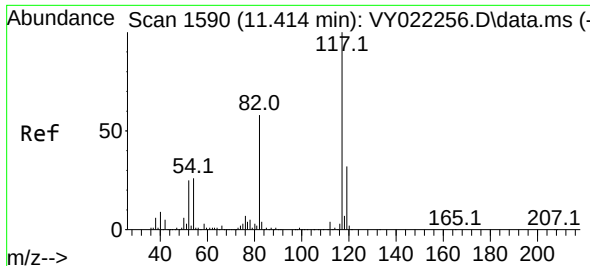
Tgt Ion:107 Resp: 77561
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 46.007 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 95 Resp: 132565
Ion Ratio Lower Upper
95 100
174 84.1 0.0 166.8
176 81.7 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

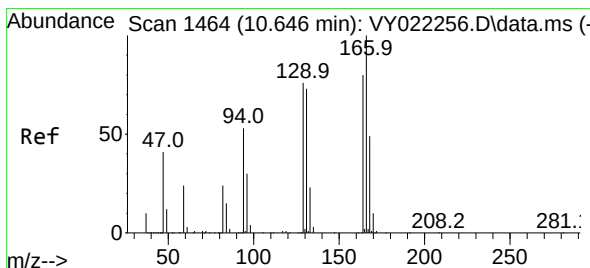
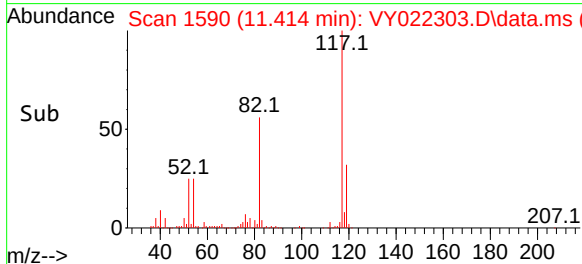
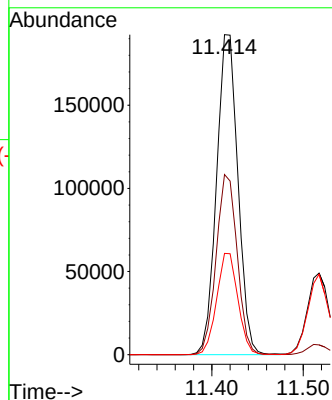
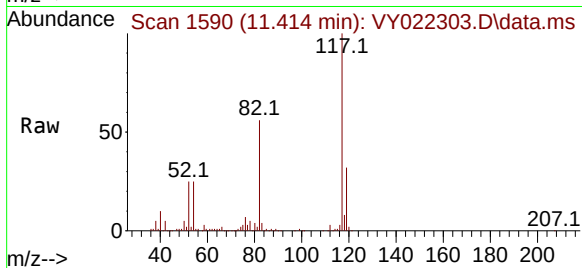
Tgt Ion:117 Resp: 313200

Ion Ratio Lower Upper

117 100

82 56.3 46.6 70.0

119 31.7 25.8 38.6



#64

Tetrachloroethene

Concen: 48.679 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Tgt Ion:164 Resp: 140924

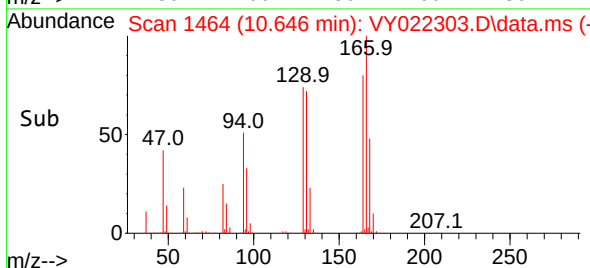
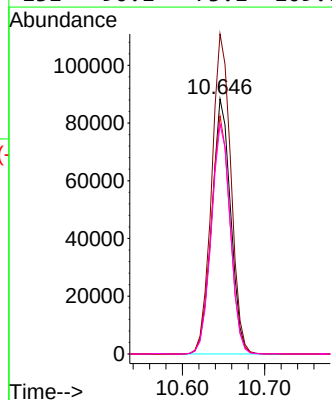
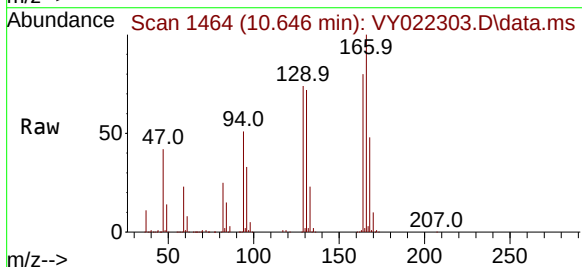
Ion Ratio Lower Upper

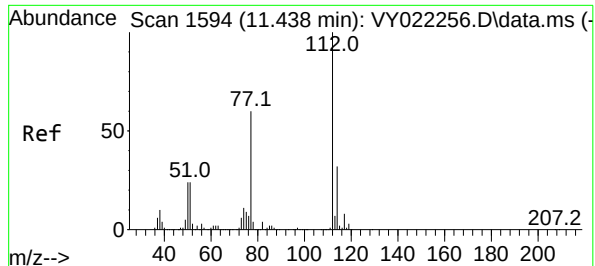
164 100

166 125.5 100.4 150.6

129 93.3 76.4 114.6

131 90.1 73.1 109.7





#65

Chlorobenzene

Concen: 47.994 ug/l

RT: 11.444 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

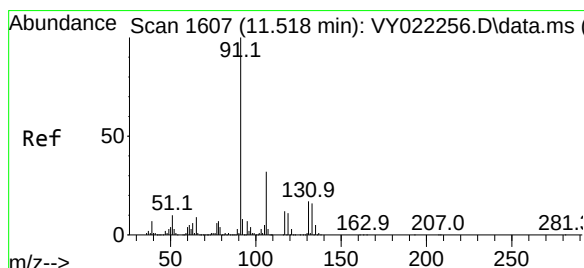
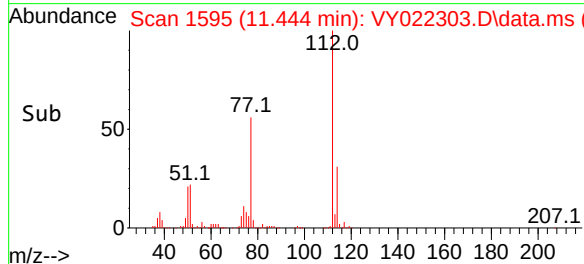
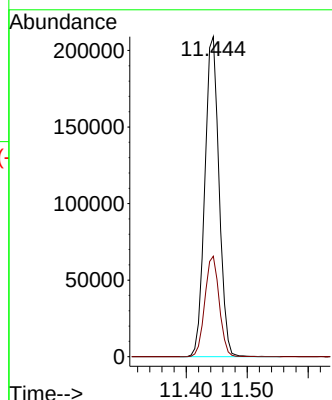
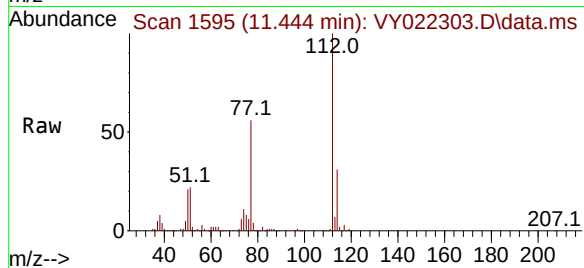
VSTDCCC050

Tgt Ion:112 Resp: 339131

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.229 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

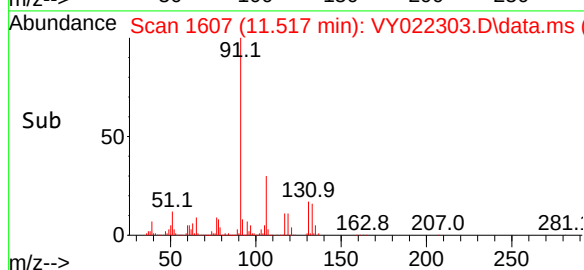
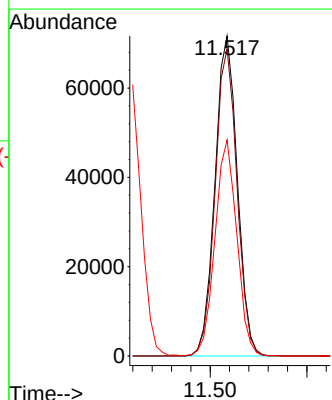
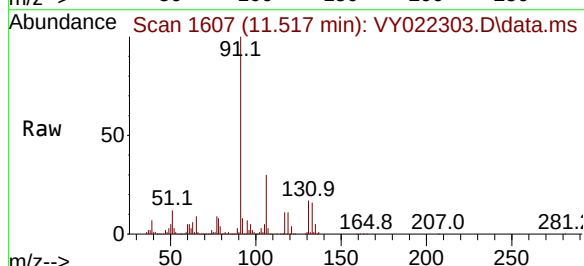
Tgt Ion:131 Resp: 114730

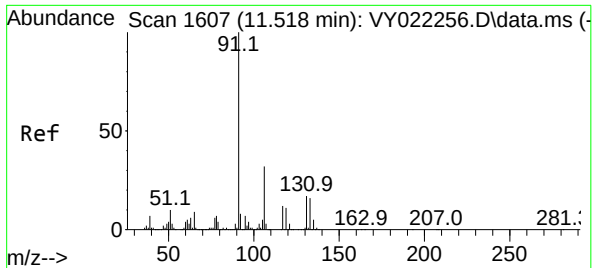
Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.9

119 66.2 33.1 99.2

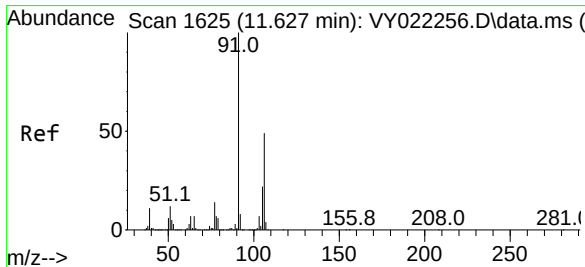
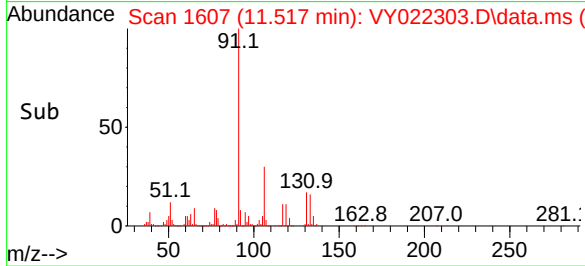
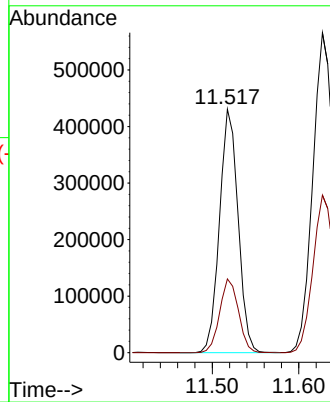
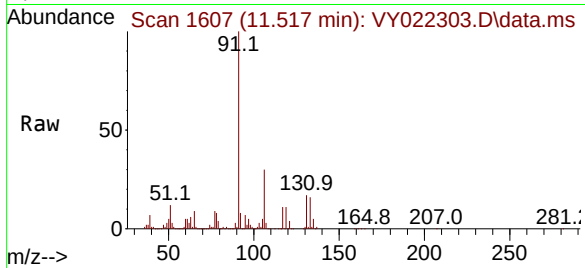




#67
Ethyl Benzene
Concen: 48.485 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

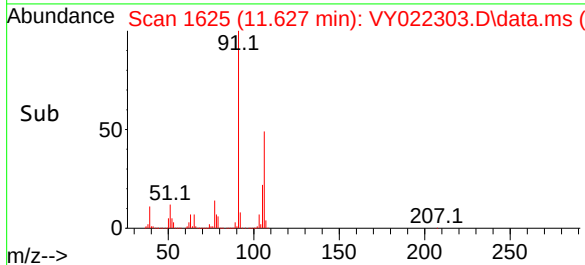
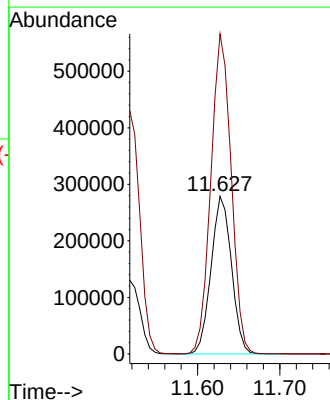
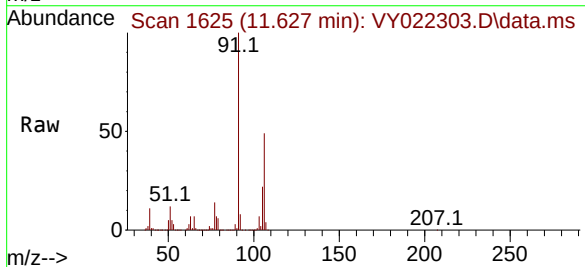
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

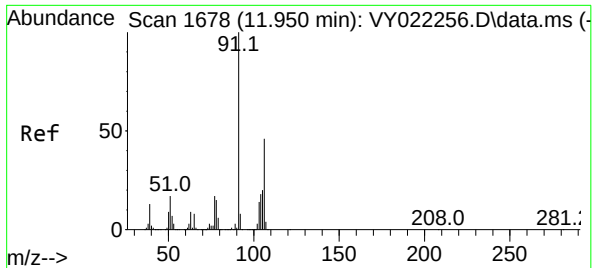
Tgt Ion: 91 Resp: 641620
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0



#68
m/p-Xylenes
Concen: 96.343 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 106 Resp: 480417
Ion Ratio Lower Upper
106 100
91 202.5 163.0 244.4

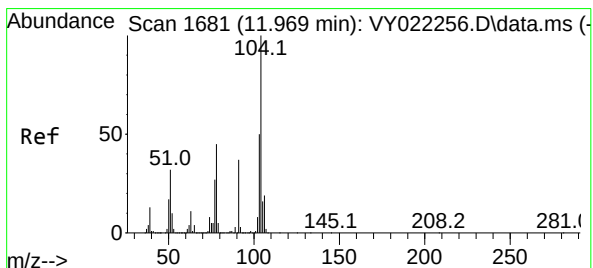
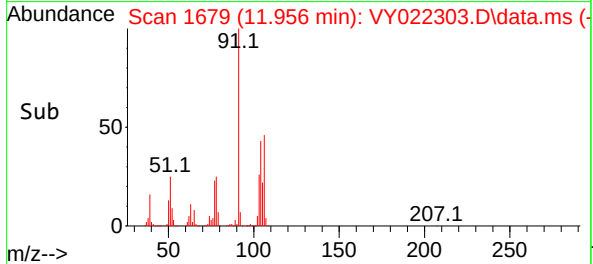
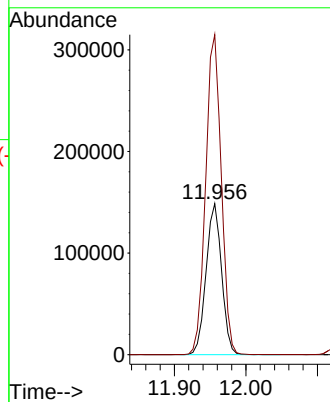
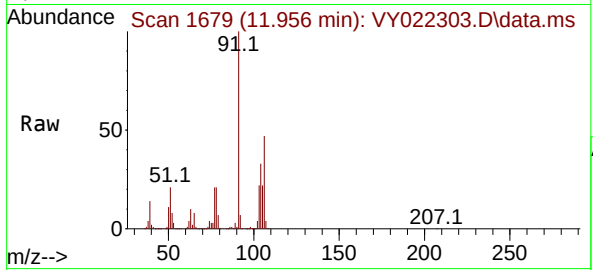




#69
o-Xylene
Concen: 47.429 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

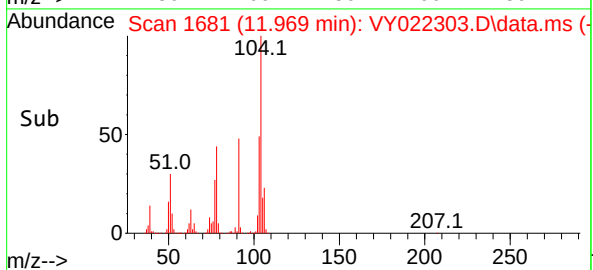
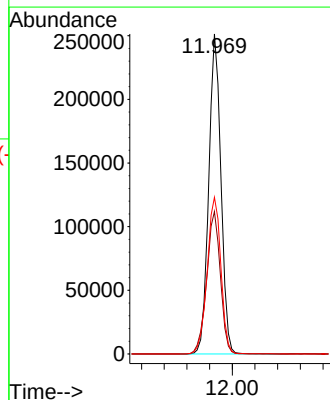
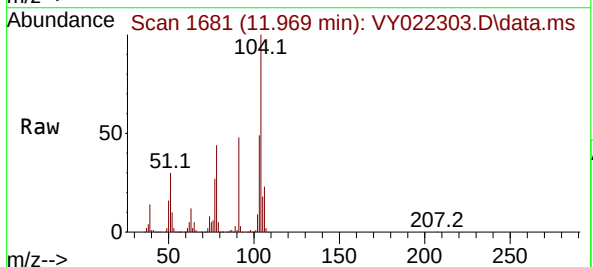
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

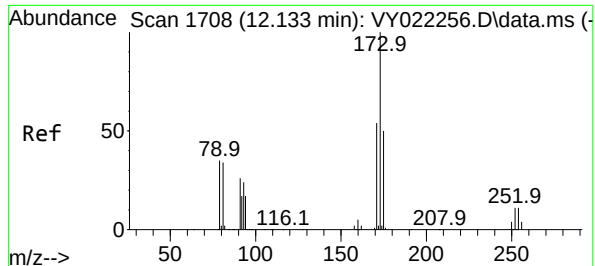
Tgt Ion:106 Resp: 223762
Ion Ratio Lower Upper
106 100
91 213.8 108.3 324.8



#70
Styrene
Concen: 47.020 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:104 Resp: 374205
Ion Ratio Lower Upper
104 100
78 49.8 40.9 61.3
103 55.0 43.7 65.5

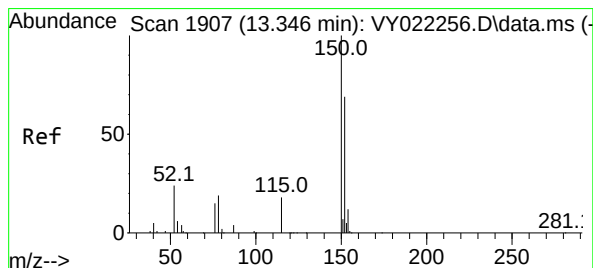
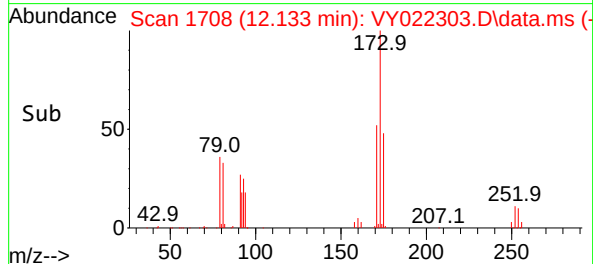
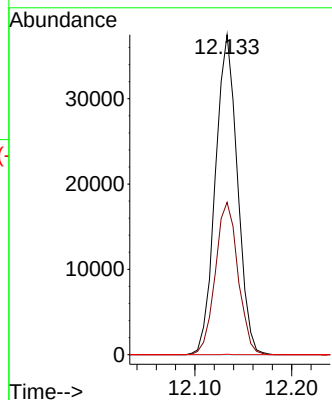
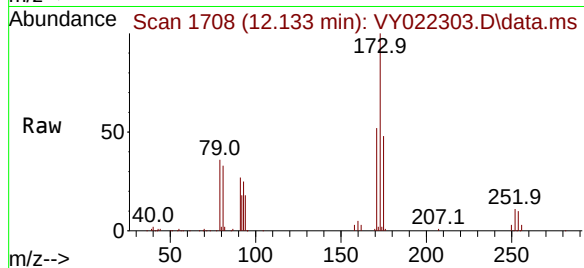




#71
Bromoform
Concen: 45.269 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

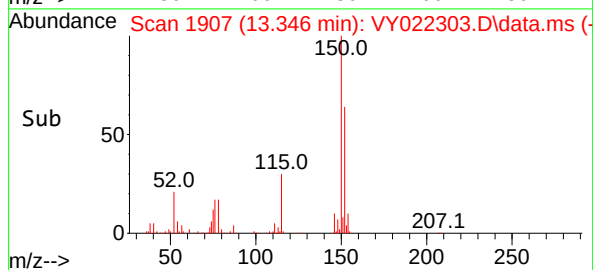
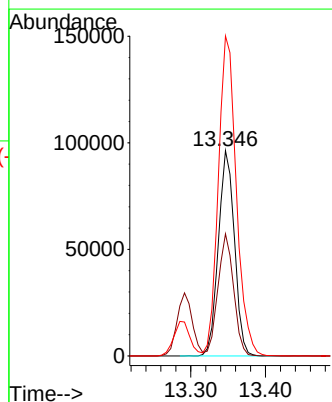
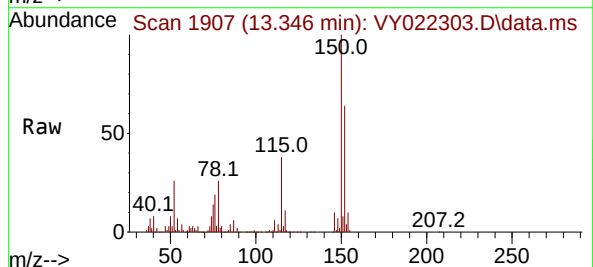
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

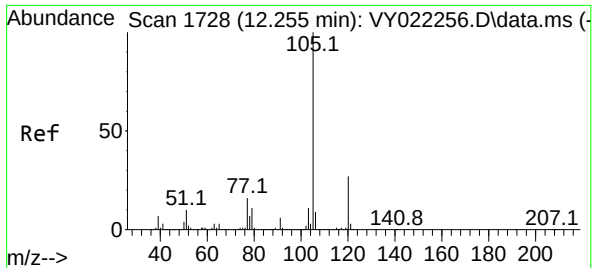
Tgt Ion:173 Resp: 59355
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:152 Resp: 144499
Ion Ratio Lower Upper
152 100
115 58.0 29.4 88.2
150 174.4 0.0 353.8

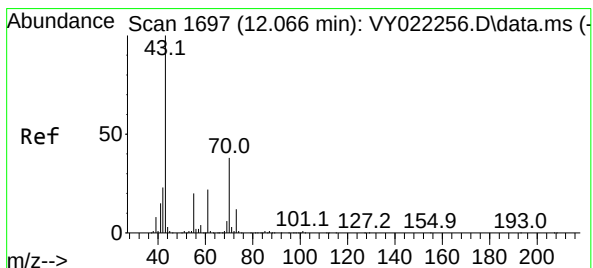
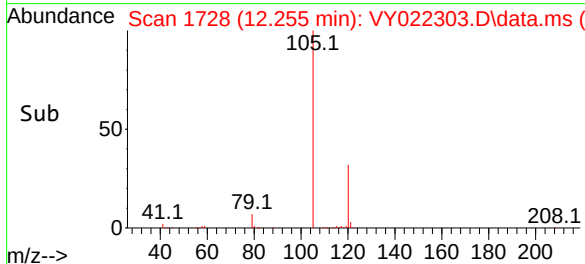
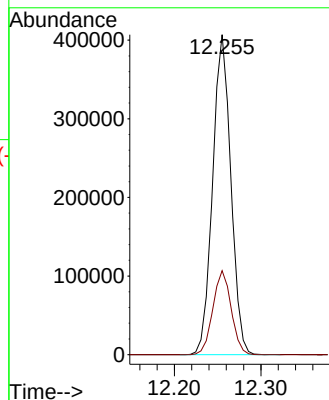
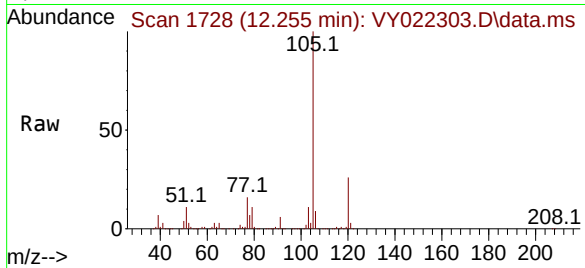




#73
Isopropylbenzene
Concen: 49.626 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

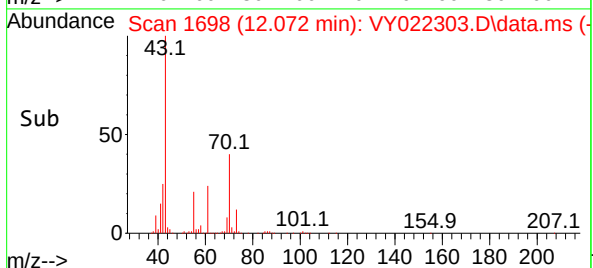
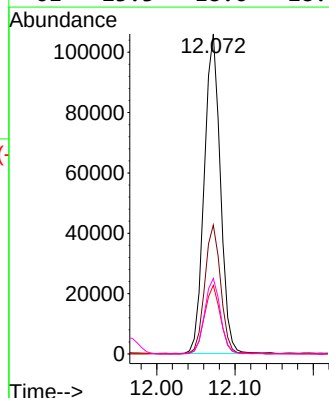
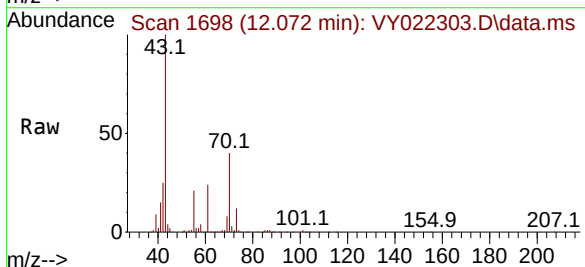
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

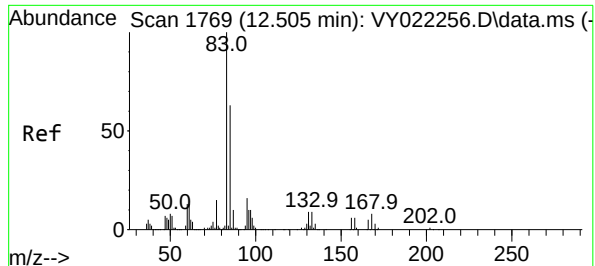
Tgt Ion:105 Resp: 594081
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 44.094 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 43 Resp: 150967
Ion Ratio Lower Upper
43 100
70 40.2 31.4 47.0
55 21.3 17.0 25.6
61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.994 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

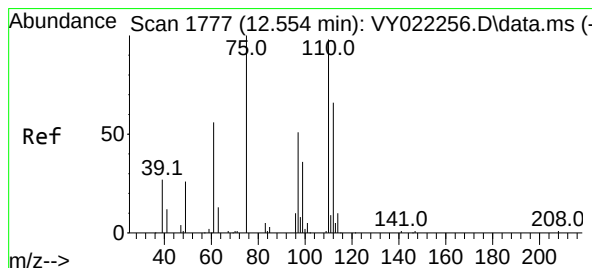
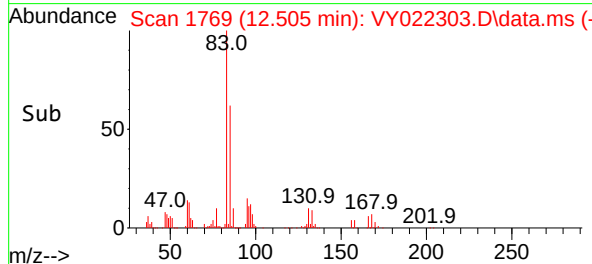
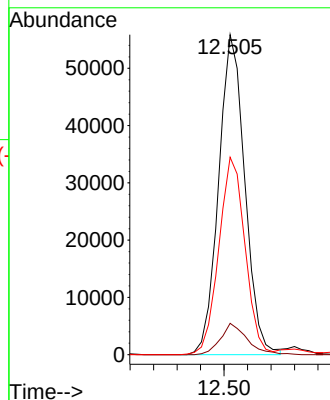
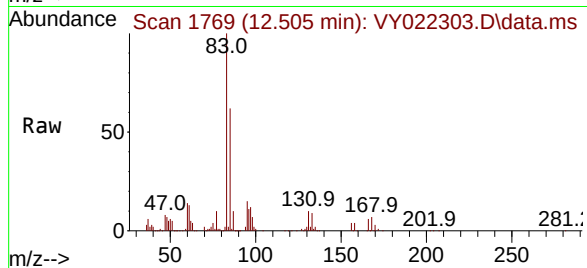
Tgt Ion: 83 Resp: 86518

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 61.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 47.620 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022303.D

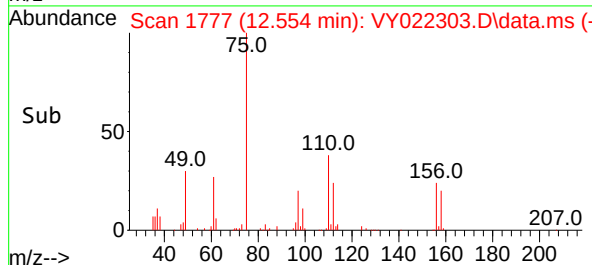
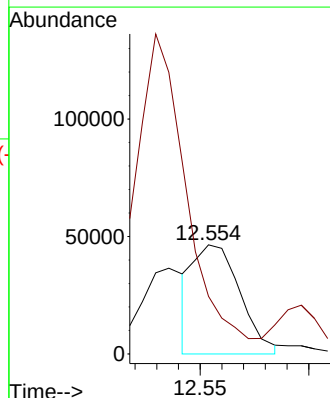
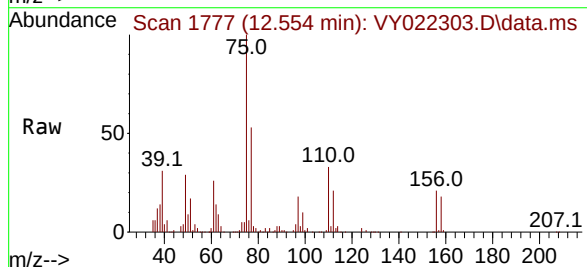
Acq: 19 May 2025 08:27

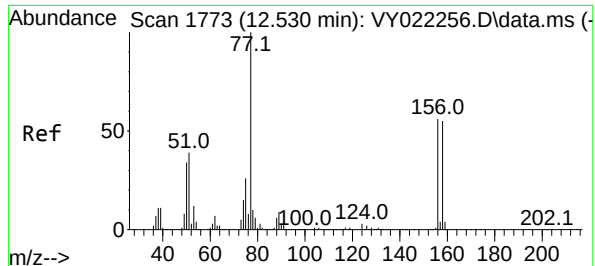
Tgt Ion: 75 Resp: 69712

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.461 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

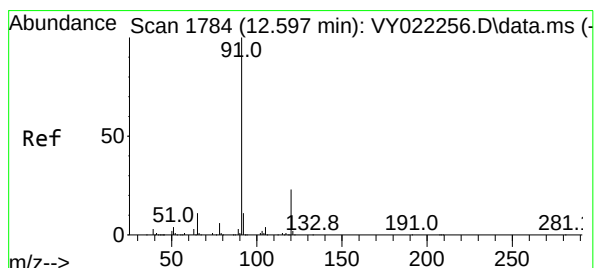
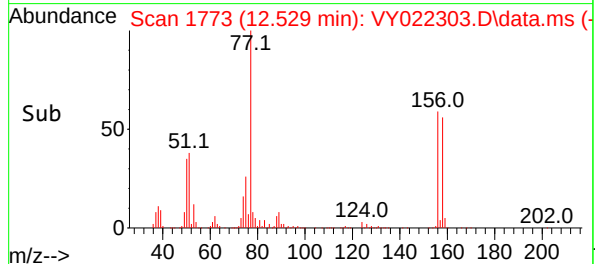
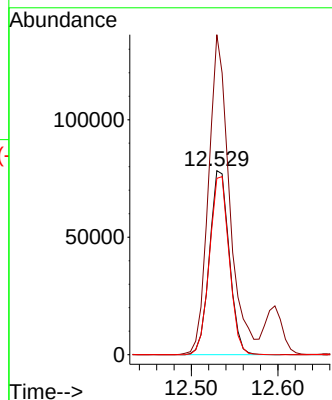
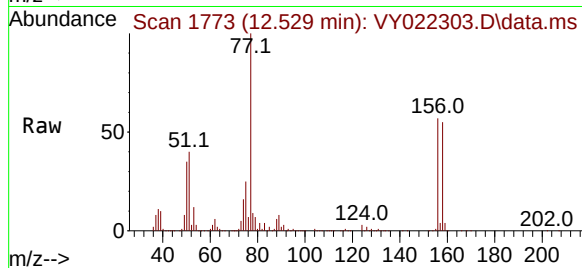
Tgt Ion:156 Resp: 123903

Ion Ratio Lower Upper

156 100

77 183.4 94.5 283.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 50.043 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022303.D

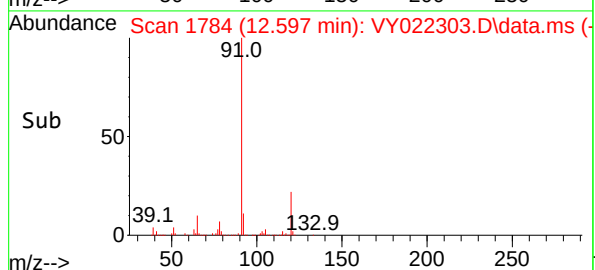
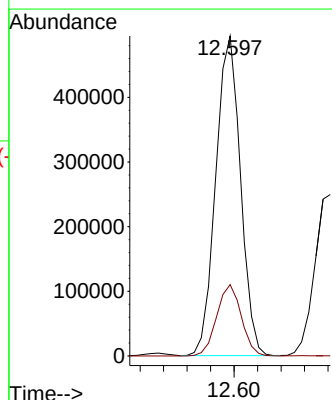
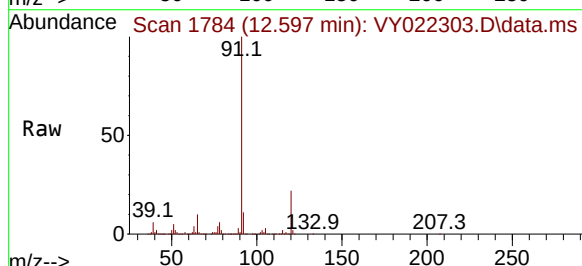
Acq: 19 May 2025 08:27

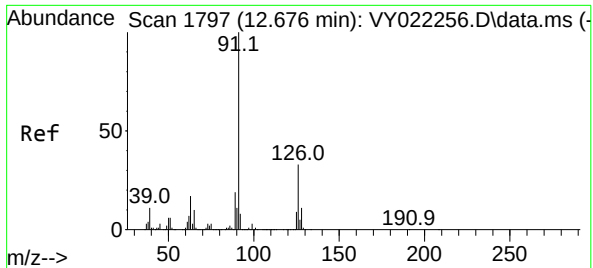
Tgt Ion: 91 Resp: 722589

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3

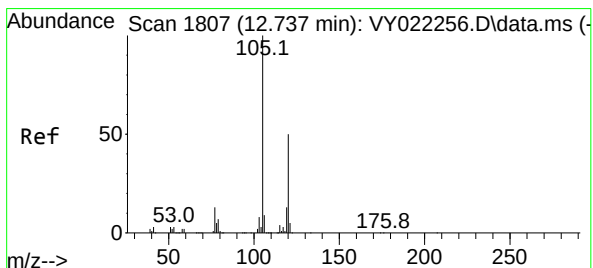
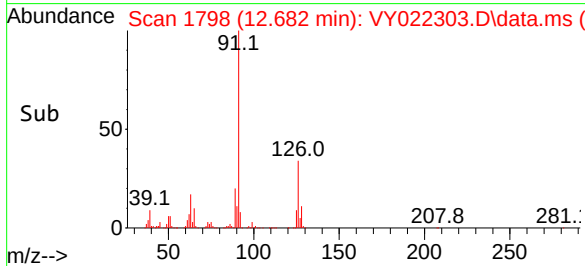
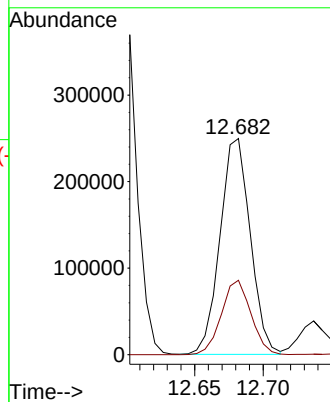
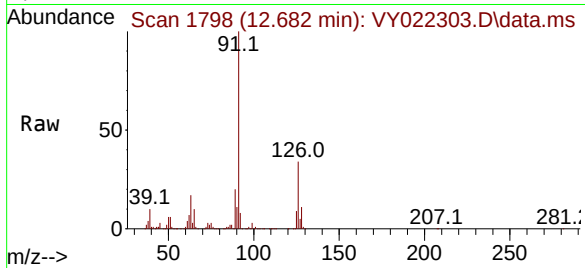




#79
2-Chlorotoluene
Concen: 48.374 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

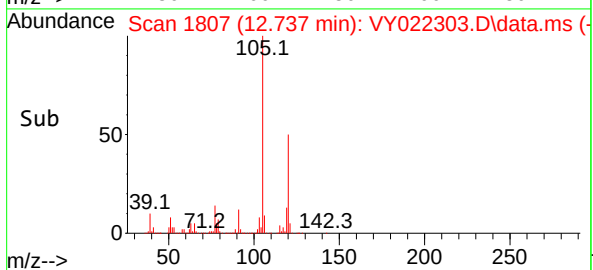
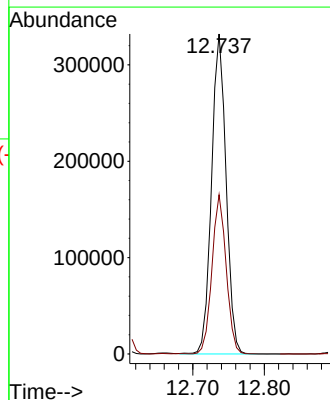
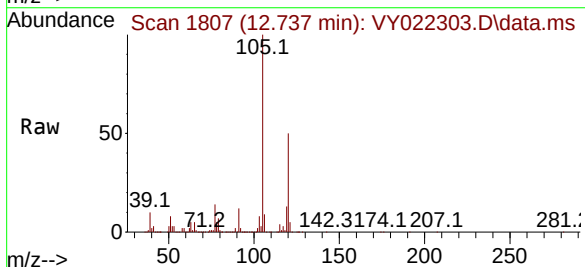
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

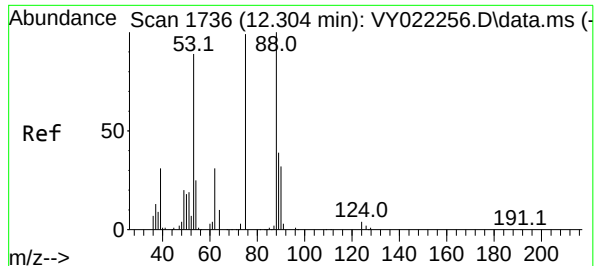
Tgt Ion: 91 Resp: 383846
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 48.373 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 105 Resp: 467447
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

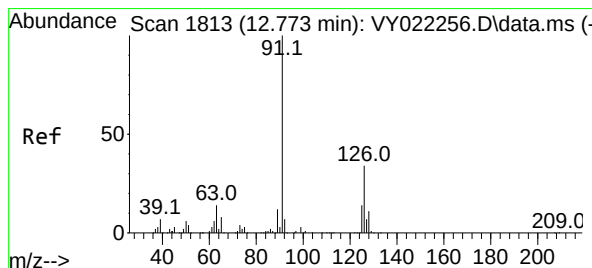
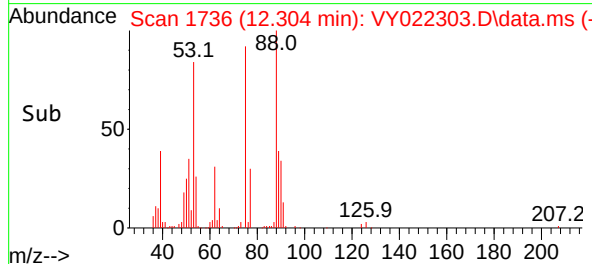
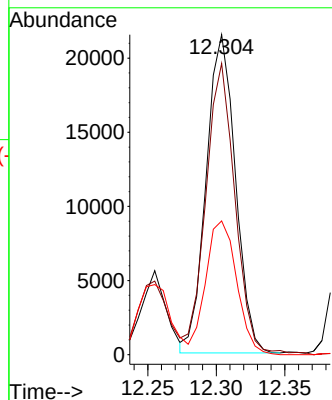
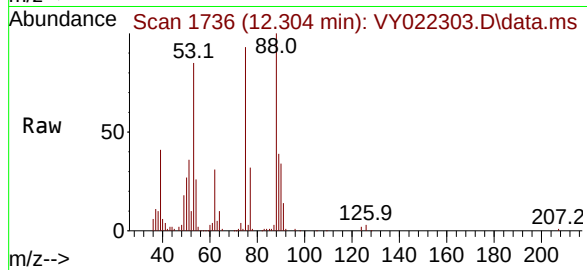




#81
trans-1,4-Dichloro-2-butene
Concen: 43.994 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

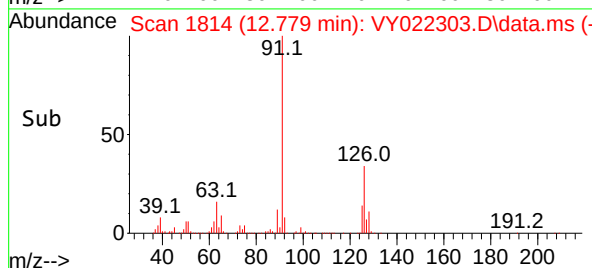
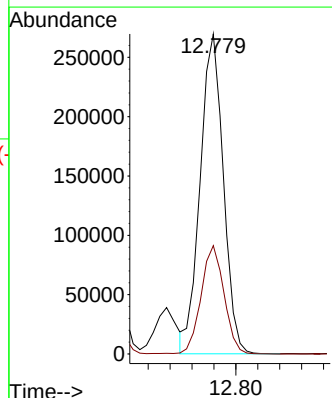
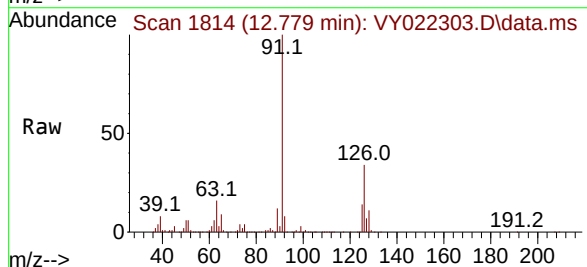
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

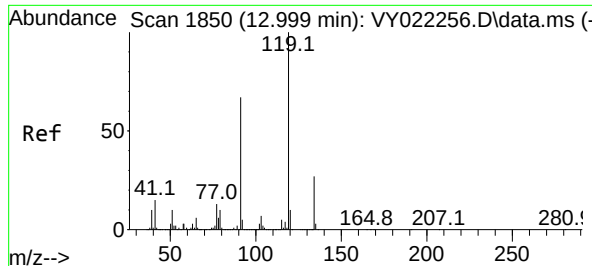
Tgt Ion: 75 Resp: 31793
Ion Ratio Lower Upper
75 100
53 92.0 75.8 113.8
89 44.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 48.417 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 91 Resp: 395166
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 49.646 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

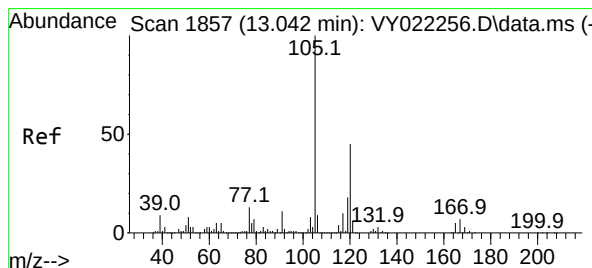
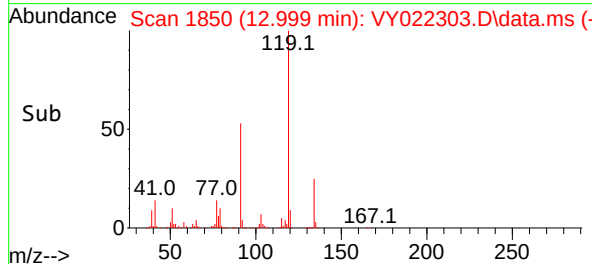
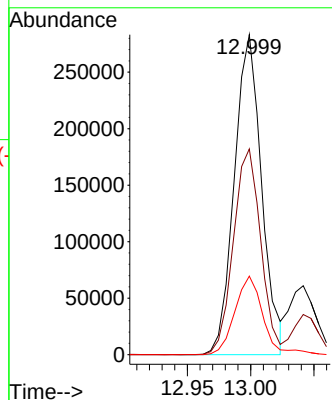
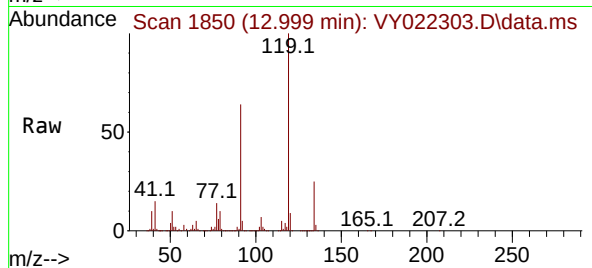
Tgt Ion:119 Resp: 426406

Ion Ratio Lower Upper

119 100

91 64.2 32.8 98.3

134 25.3 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 48.787 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022303.D

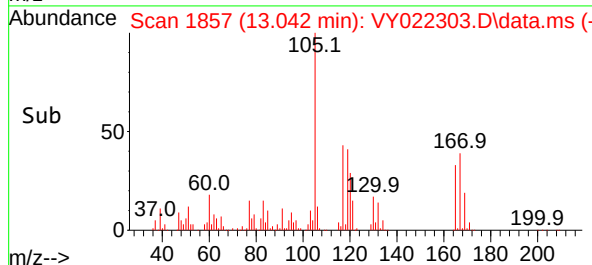
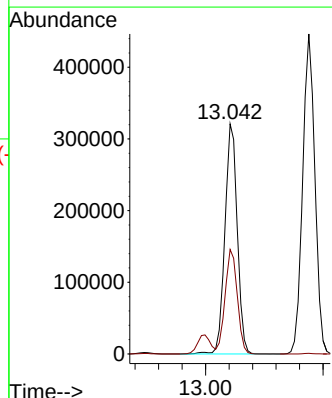
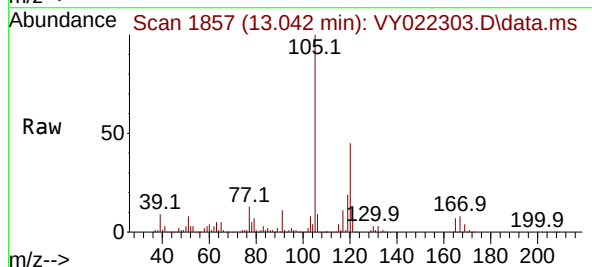
Acq: 19 May 2025 08:27

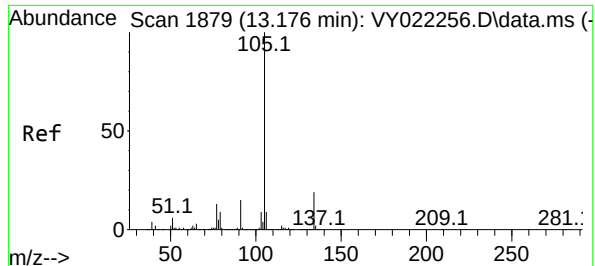
Tgt Ion:105 Resp: 468001

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.477 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

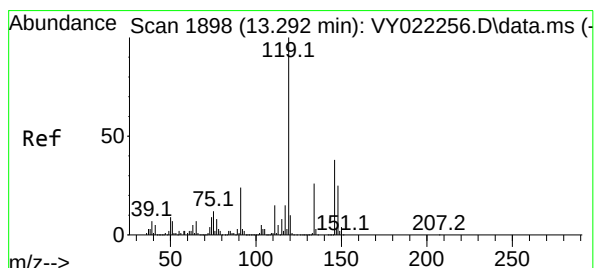
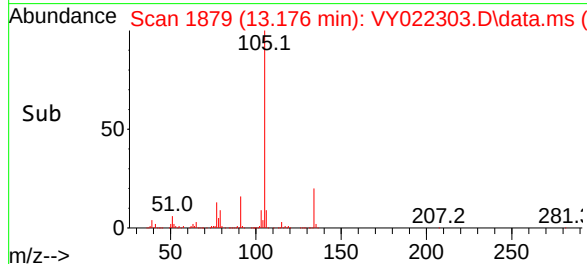
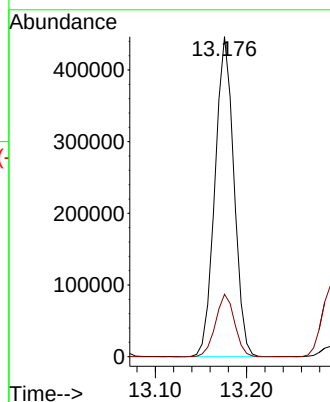
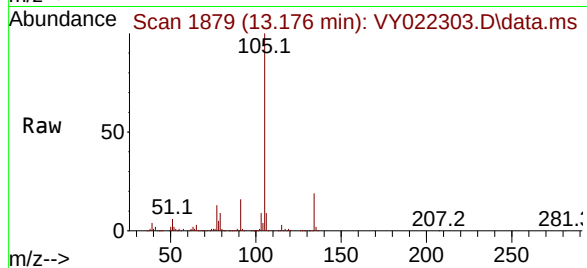
VSTDCCC050

Tgt Ion:105 Resp: 643574

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 49.904 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

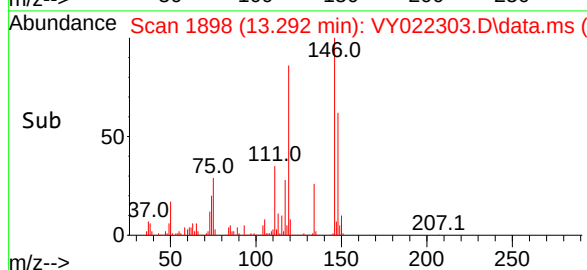
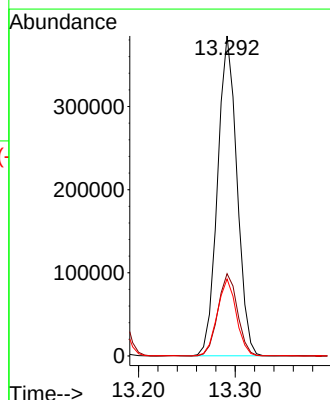
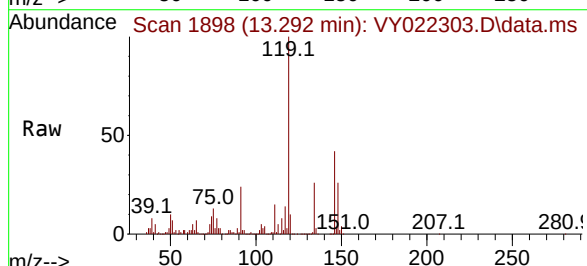
Tgt Ion:119 Resp: 535122

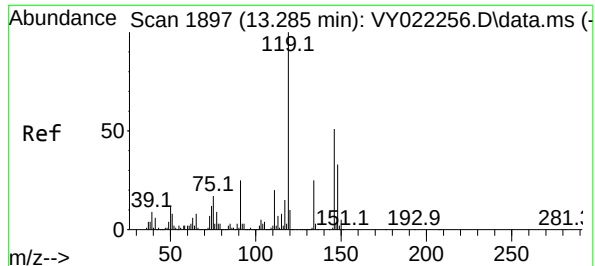
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.110 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

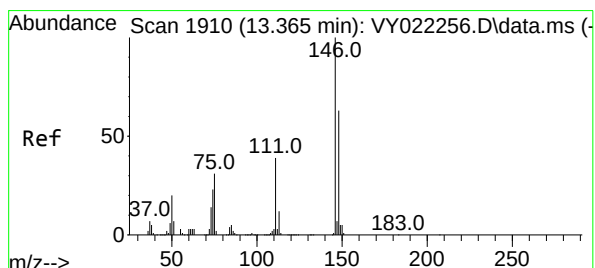
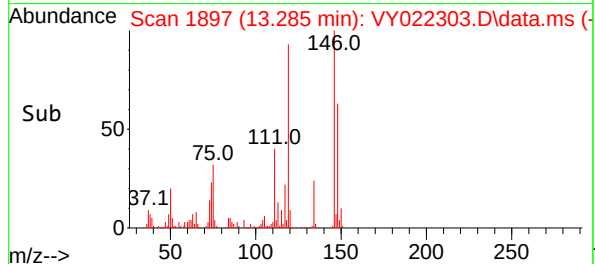
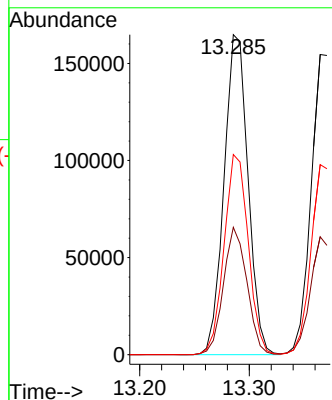
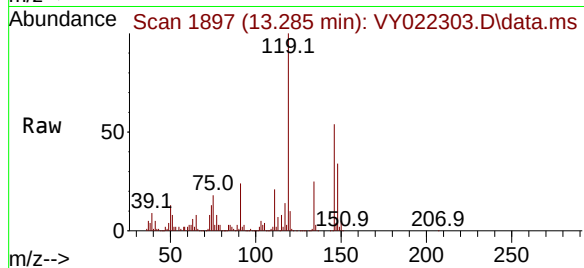
Tgt Ion:146 Resp: 251111

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 62.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 48.034 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

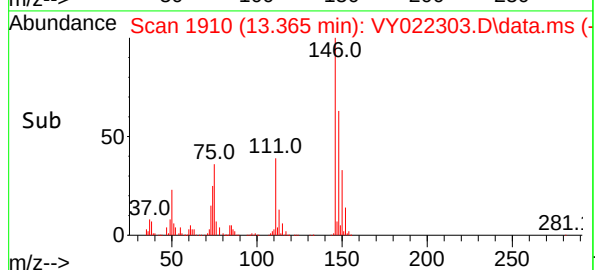
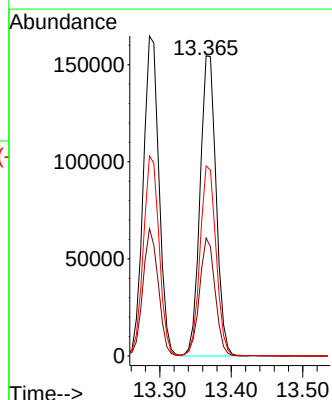
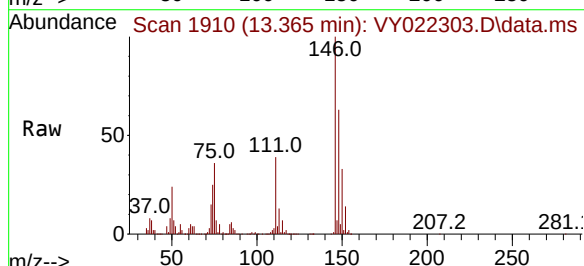
Tgt Ion:146 Resp: 241157

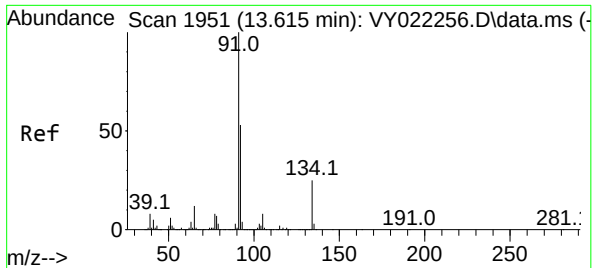
Ion Ratio Lower Upper

146 100

111 38.4 20.0 59.9

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 50.552 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

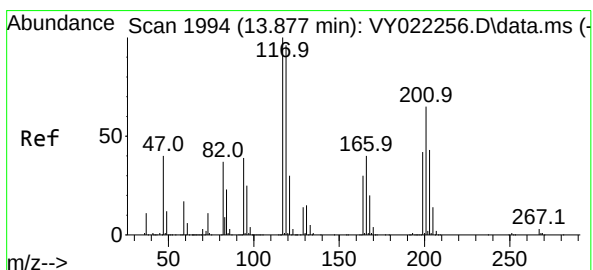
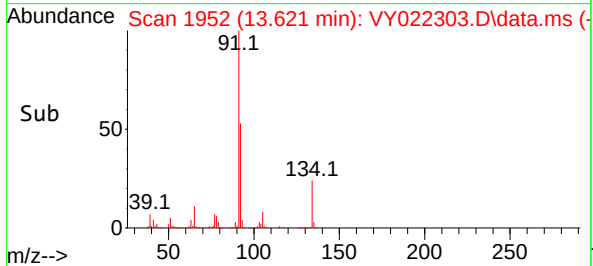
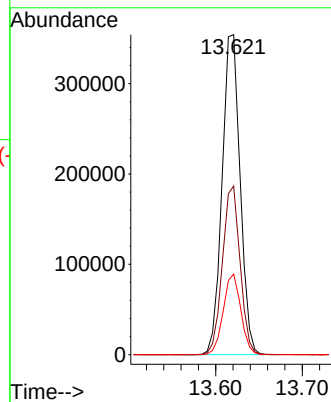
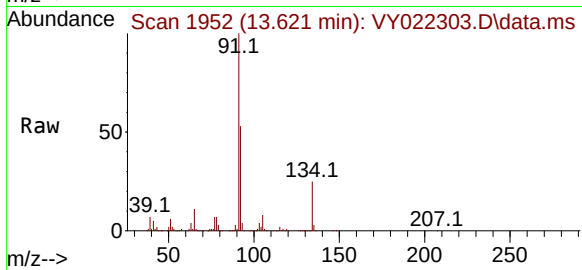
Tgt Ion: 91 Resp: 512834

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

134 24.5 12.4 37.4



#90

Hexachloroethane

Concen: 49.107 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022303.D

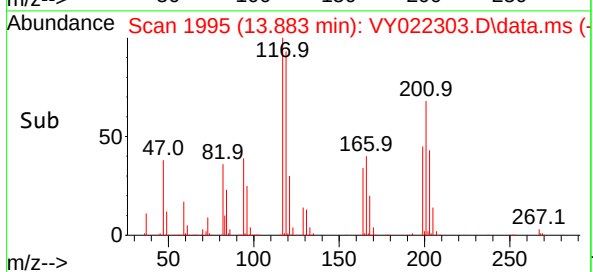
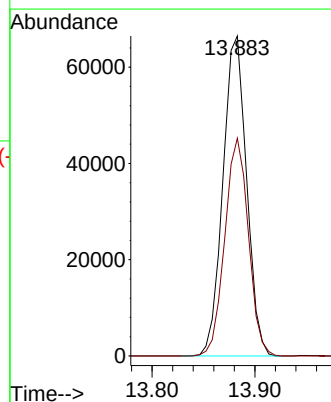
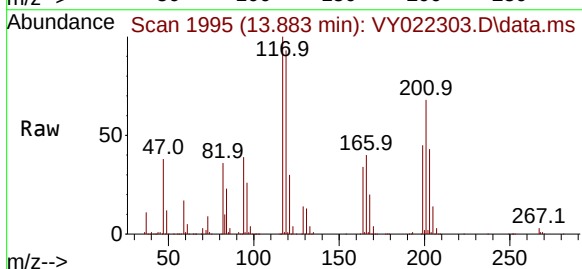
Acq: 19 May 2025 08:27

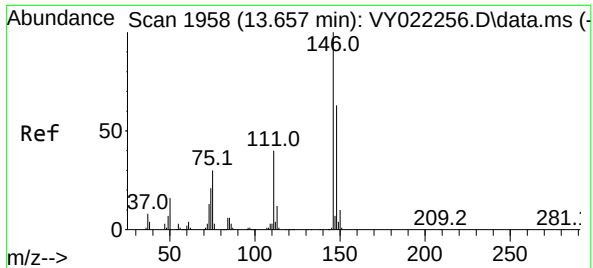
Tgt Ion: 117 Resp: 106297

Ion Ratio Lower Upper

117 100

201 67.9 35.2 105.6

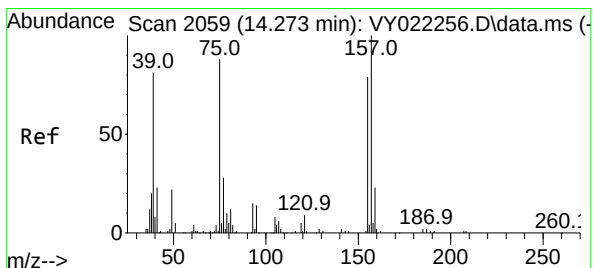
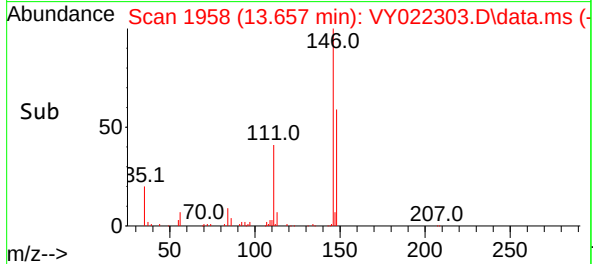
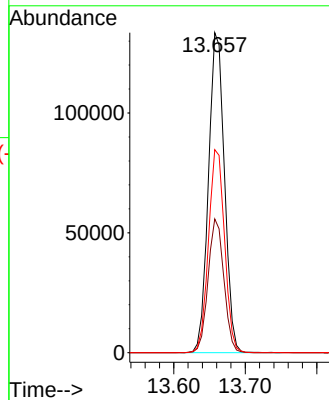
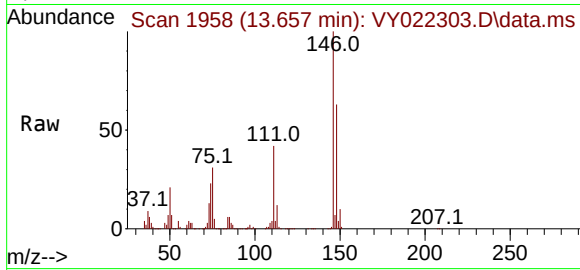




#91
1,2-Dichlorobenzene
Concen: 47.267 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

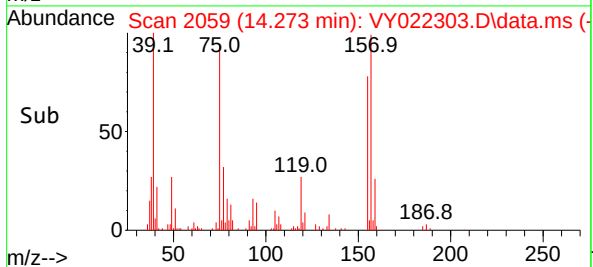
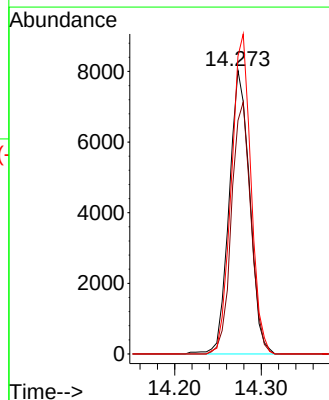
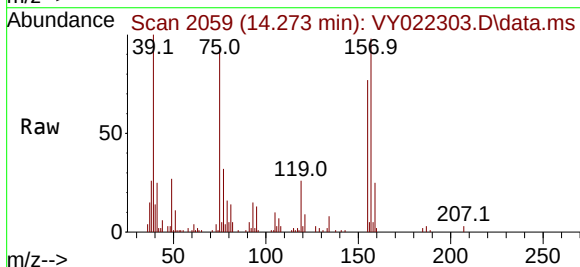
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

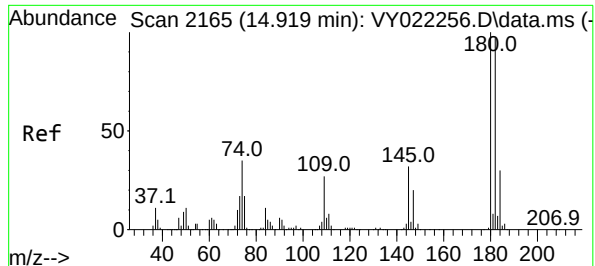
Tgt Ion:146 Resp: 207228
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.544 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 75 Resp: 13224
Ion Ratio Lower Upper
75 100
155 83.8 43.4 130.1
157 107.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 46.549 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

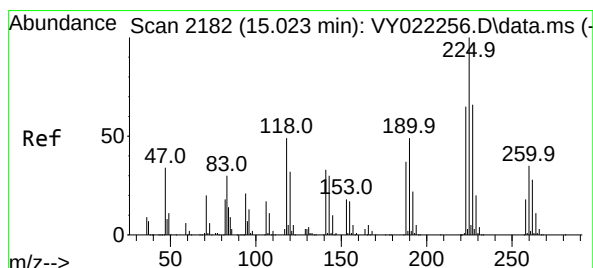
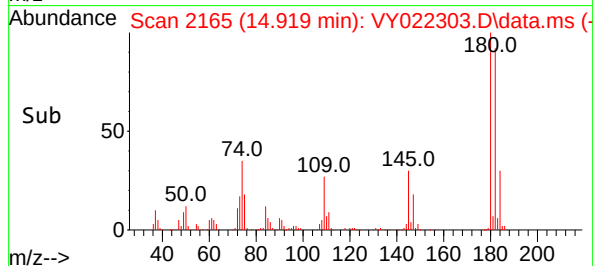
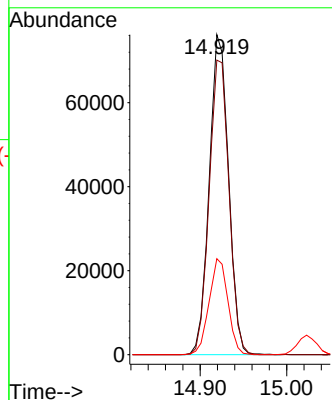
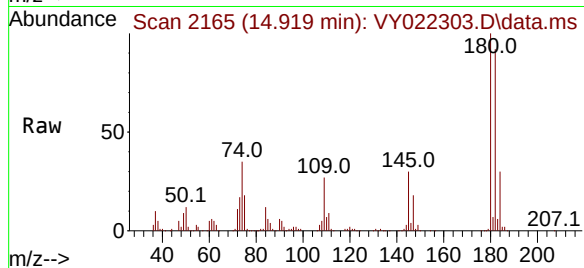
Tgt Ion:180 Resp: 117885

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

145 29.3 15.0 45.1



#94

Hexachlorobutadiene

Concen: 47.410 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

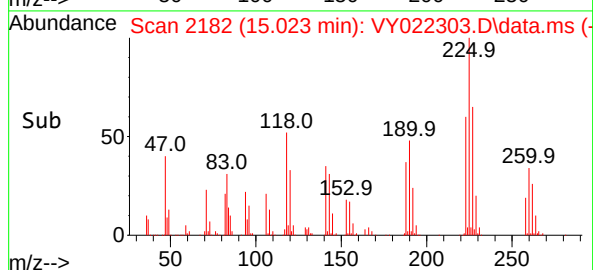
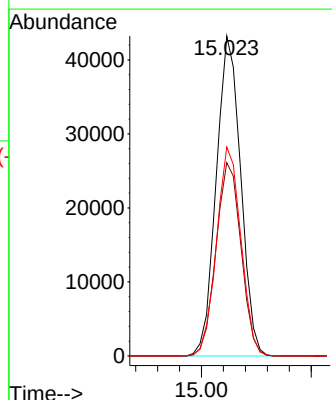
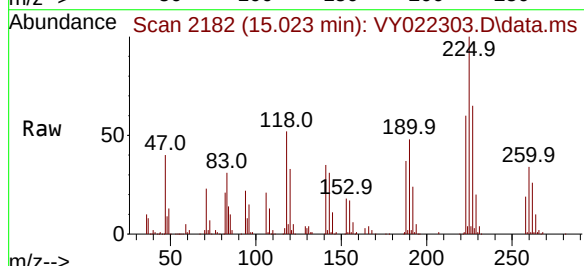
Tgt Ion:225 Resp: 66957

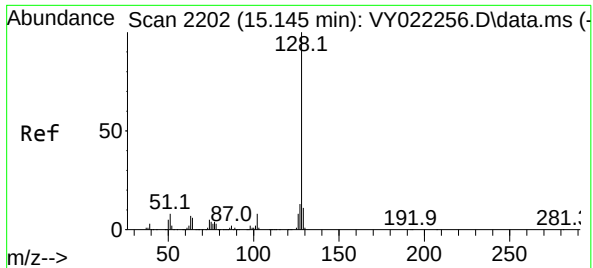
Ion Ratio Lower Upper

225 100

223 61.7 31.5 94.5

227 65.2 32.1 96.3





#95

Naphthalene

Concen: 44.006 ug/l

RT: 15.145 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

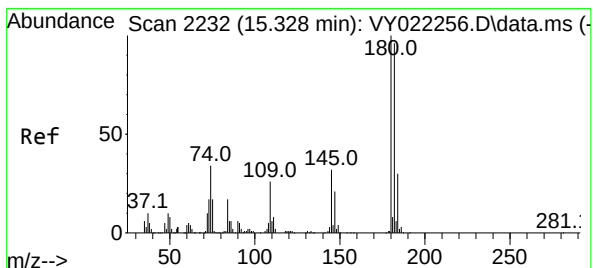
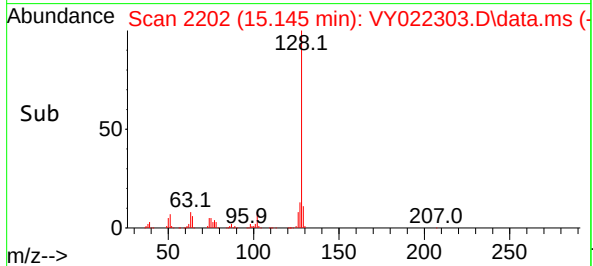
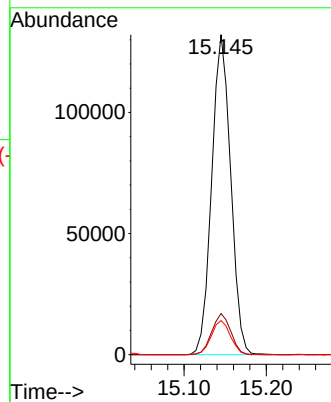
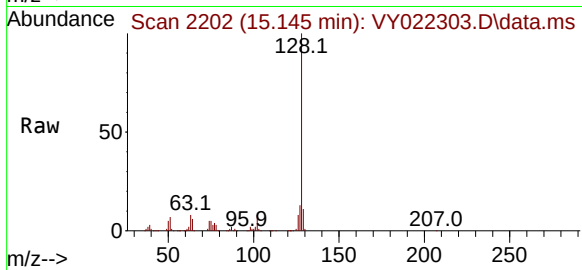
Tgt Ion:128 Resp: 211483

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 44.687 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

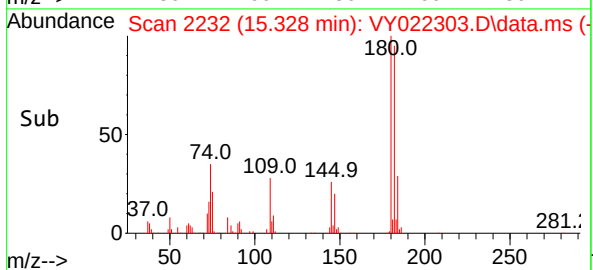
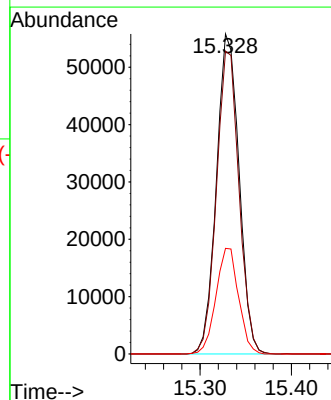
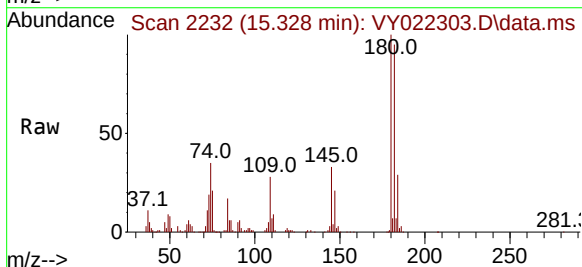
Tgt Ion:180 Resp: 96005

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 33.0 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	85	0.00
2 T	Dichlorodifluoromethane	0.522	0.481	7.9	80	0.00
3 P	Chloromethane	1.097	1.063	3.1	86	0.00
4 C	Vinyl Chloride	1.226	1.243	-1.4#	87	0.00
5 T	Bromomethane	0.998	0.978	2.0	94	0.00
6 T	Chloroethane	0.763	0.831	-8.9	93	0.00
7 T	Trichlorofluoromethane	1.241	1.212	2.3	85	0.00
8 T	Diethyl Ether	0.298	0.268	10.1	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.534	0.9	84	0.00
10 T	Methyl Iodide	0.624	0.616	1.3	76	0.00
11 T	Tert butyl alcohol	0.042	0.035	16.7	76	0.00
12 CM	1,1-Dichloroethene	0.535	0.519	3.0#	82	0.00
13 T	Acrolein	0.061	0.033	45.9#	50#	0.00
14 T	Allyl chloride	0.938	0.833	11.2	74	0.00
15 T	Acrylonitrile	0.123	0.106	13.8	75	0.00
16 T	Acetone	0.102	0.081	20.6	74	0.00
17 T	Carbon Disulfide	1.744	1.645	5.7	80	0.00
18 T	Methyl Acetate	0.323	0.263	18.6	74	0.00
19 T	Methyl tert-butyl Ether	1.475	1.322	10.4	77	0.00
20 T	Methylene Chloride	0.662	0.542	18.1	77	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.560	5.1	80	0.00
22 T	Diisopropyl ether	1.980	1.738	12.2	74	0.00
23 T	Vinyl Acetate	1.196	1.018	14.9	73	0.00
24 P	1,1-Dichloroethane	1.106	1.030	6.9	78	0.00
25 T	2-Butanone	0.171	0.138	19.3	72	0.00
26 T	2,2-Dichloropropane	0.984	0.940	4.5	81	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.638	6.3	78	0.00
28 T	Bromochloromethane	0.472	0.434	8.1	78	0.00
29 T	Tetrahydrofuran	0.110	0.092	16.4	73	0.00
30 C	Chloroform	1.061	1.007	5.1#	79	0.00
31 T	Cyclohexane	1.105	1.007	8.9	81	0.00
32 T	1,1,1-Trichloroethane	0.974	0.929	4.6	81	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.506	7.3	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.298	0.288	3.4	81	0.00
36 T	1,1-Dichloropropene	0.492	0.478	2.8	80	0.00
37 T	Ethyl Acetate	0.237	0.199	16.0	72	0.00
38 T	Carbon Tetrachloride	0.509	0.500	1.8	82	0.00
39 T	Methylcyclohexane	0.660	0.659	0.2	83	0.00
40 TM	Benzene	1.457	1.393	4.4	79	0.00
41 T	Methacrylonitrile	0.157	0.119	24.2	64	0.00
42 TM	1,2-Dichloroethane	0.394	0.360	8.6	76	0.00
43 T	Isopropyl Acetate	0.516	0.443	14.1	73	0.00
44 TM	Trichloroethene	0.362	0.349	3.6	80	0.00
45 C	1,2-Dichloropropane	0.351	0.327	6.8#	78	0.00
46 T	Dibromomethane	0.189	0.174	7.9	78	0.00
47 T	Bromodichloromethane	0.492	0.465	5.5	78	0.00
48 T	Methyl methacrylate	0.241	0.202	16.2	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	79	0.00
50 S	Toluene-d8	1.222	1.187	2.9	82	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.213	15.8	71	0.00
52 CM	Toluene	0.923	0.871	5.6#	78	0.00
53 T	t-1,3-Dichloropropene	0.480	0.439	8.5	76	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.509	7.5	77	0.00
55 T	1,1,2-Trichloroethane	0.243	0.216	11.1	75	0.00
56 T	Ethyl methacrylate	0.378	0.336	11.1	75	0.00
57 T	1,3-Dichloropropane	0.431	0.393	8.8	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.167	1.8	77	0.00
59 T	2-Hexanone	0.170	0.140	17.6	71	0.00
60 T	Dibromochloromethane	0.315	0.296	6.0	78	0.00
61 T	1,2-Dibromoethane	0.226	0.209	7.5	78	0.00
62 S	4-Bromofluorobenzene	0.387	0.356	8.0	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.462	0.450	2.6	79	0.00
65 PM	Chlorobenzene	1.128	1.083	4.0	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.366	5.7	77	0.00
67 C	Ethyl Benzene	2.113	2.049	3.0#	78	0.00
68 T	m/p-Xylenes	0.796	0.767	3.6	78	0.00
69 T	o-Xylene	0.753	0.714	5.2	77	0.00
70 T	Styrene	1.270	1.195	5.9	76	0.00
71 P	Bromoform	0.209	0.190	9.1	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	4.142	4.111	0.7	78	0.00
74 T	N-amyl acetate	1.185	1.045	11.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.599	6.0	76	0.00
76 T	1,2,3-Trichloropropane	0.507	0.482	4.9	77	0.00
77 T	Bromobenzene	0.885	0.857	3.2	77	0.00
78 T	n-propylbenzene	4.996	5.001	-0.1	78	0.00
79 T	2-Chlorotoluene	2.746	2.656	3.3	76	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.235	3.3	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.220	12.0	74	0.00
82 T	4-Chlorotoluene	2.824	2.735	3.2	75	0.00
83 T	tert-Butylbenzene	2.972	2.951	0.7	78	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.239	2.4	76	0.00
85 T	sec-Butylbenzene	4.412	4.454	-1.0	78	0.00
86 T	p-Isopropyltoluene	3.710	3.703	0.2	78	0.00
87 T	1,3-Dichlorobenzene	1.806	1.738	3.8	76	0.00
88 T	1,4-Dichlorobenzene	1.737	1.669	3.9	76	0.00
89 T	n-Butylbenzene	3.510	3.549	-1.1	78	0.00
90 T	Hexachloroethane	0.749	0.736	1.7	77	0.00
91 T	1,2-Dichlorobenzene	1.517	1.434	5.5	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.092	10.7	73	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.816	6.8	73	0.00
94 T	Hexachlorobutadiene	0.489	0.463	5.3	74	0.00
95 T	Naphthalene	1.663	1.464	12.0	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022303.D
Acq On : 19 May 2025 08:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 20 01:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.664	10.6	71	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	85	0.00
2 T	Dichlorodifluoromethane	50.000	46.127	7.7	80	0.00
3 P	Chloromethane	50.000	48.418	3.2	86	0.00
4 C	Vinyl Chloride	50.000	50.673	-1.3#	87	0.00
5 T	Bromomethane	50.000	48.993	2.0	94	0.00
6 T	Chloroethane	50.000	54.484	-9.0	93	0.00
7 T	Trichlorofluoromethane	50.000	48.797	2.4	85	0.00
8 T	Diethyl Ether	50.000	44.967	10.1	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.586	0.8	84	0.00
10 T	Methyl Iodide	50.000	49.353	1.3	76	0.00
11 T	Tert butyl alcohol	250.000	206.836	17.3	76	0.00
12 CM	1,1-Dichloroethene	50.000	48.560	2.9#	82	0.00
13 T	Acrolein	250.000	135.173	45.9#	50	0.00
14 T	Allyl chloride	50.000	44.412	11.2	74	0.00
15 T	Acrylonitrile	250.000	215.208	13.9	75	0.00
16 T	Acetone	250.000	198.172	20.7	74	0.00
17 T	Carbon Disulfide	50.000	47.162	5.7	80	0.00
18 T	Methyl Acetate	50.000	40.670	18.7	74	0.00
19 T	Methyl tert-butyl Ether	50.000	44.815	10.4	77	0.00
20 T	Methylene Chloride	50.000	40.894	18.2	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.410	5.2	80	0.00
22 T	Diisopropyl ether	50.000	43.870	12.3	74	0.00
23 T	Vinyl Acetate	250.000	212.665	14.9	73	0.00
24 P	1,1-Dichloroethane	50.000	46.546	6.9	78	0.00
25 T	2-Butanone	250.000	200.639	19.7	72	0.00
26 T	2,2-Dichloropropane	50.000	47.772	4.5	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.812	6.4	78	0.00
28 T	Bromochloromethane	50.000	45.966	8.1	78	0.00
29 T	Tetrahydrofuran	250.000	209.360	16.3	73	0.00
30 C	Chloroform	50.000	47.434	5.1#	79	0.00
31 T	Cyclohexane	50.000	45.534	8.9	81	0.00
32 T	1,1,1-Trichloroethane	50.000	47.688	4.6	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.309	7.4	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	48.294	3.4	81	0.00
36 T	1,1-Dichloropropene	50.000	48.649	2.7	80	0.00
37 T	Ethyl Acetate	50.000	42.138	15.7	72	0.00
38 T	Carbon Tetrachloride	50.000	49.136	1.7	82	0.00
39 T	Methylcyclohexane	50.000	49.884	0.2	83	0.00
40 TM	Benzene	50.000	47.813	4.4	79	0.00
41 T	Methacrylonitrile	50.000	37.986	24.0	64	0.00
42 TM	1,2-Dichloroethane	50.000	45.719	8.6	76	0.00
43 T	Isopropyl Acetate	50.000	42.921	14.2	73	0.00
44 TM	Trichloroethene	50.000	48.183	3.6	80	0.00
45 C	1,2-Dichloropropane	50.000	46.575	6.8#	78	0.00
46 T	Dibromomethane	50.000	45.943	8.1	78	0.00
47 T	Bromodichloromethane	50.000	47.343	5.3	78	0.00
48 T	Methyl methacrylate	50.000	41.892	16.2	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	894.779	10.5	79	0.00
50 S	Toluene-d8	50.000	48.568	2.9	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	210.035	16.0	71	0.00
52 CM	Toluene	50.000	47.193	5.6#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	45.752	8.5	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.324	7.4	77	0.00
55 T	1,1,2-Trichloroethane	50.000	44.549	10.9	75	0.00
56 T	Ethyl methacrylate	50.000	44.416	11.2	75	0.00
57 T	1,3-Dichloropropane	50.000	45.530	8.9	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.231	1.5	77	0.00
59 T	2-Hexanone	250.000	206.627	17.3	71	0.00
60 T	Dibromochloromethane	50.000	46.983	6.0	78	0.00
61 T	1,2-Dibromoethane	50.000	46.111	7.8	78	0.00
62 S	4-Bromofluorobenzene	50.000	46.007	8.0	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	48.679	2.6	79	0.00
65 PM	Chlorobenzene	50.000	47.994	4.0	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.229	5.5	77	0.00
67 C	Ethyl Benzene	50.000	48.485	3.0#	78	0.00
68 T	m/p-Xylenes	100.000	96.343	3.7	78	0.00
69 T	o-Xylene	50.000	47.429	5.1	77	0.00
70 T	Styrene	50.000	47.020	6.0	76	0.00
71 P	Bromoform	50.000	45.269	9.5	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	49.626	0.7	78	0.00
74 T	N-amyl acetate	50.000	44.094	11.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.994	6.0	76	0.00
76 T	1,2,3-Trichloropropane	50.000	47.620	4.8	77	0.00
77 T	Bromobenzene	50.000	48.461	3.1	77	0.00
78 T	n-propylbenzene	50.000	50.043	-0.1	78	0.00
79 T	2-Chlorotoluene	50.000	48.374	3.3	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.373	3.3	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.994	12.0	74	0.00
82 T	4-Chlorotoluene	50.000	48.417	3.2	75	0.00
83 T	tert-Butylbenzene	50.000	49.646	0.7	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.787	2.4	76	0.00
85 T	sec-Butylbenzene	50.000	50.477	-1.0	78	0.00
86 T	p-Isopropyltoluene	50.000	49.904	0.2	78	0.00
87 T	1,3-Dichlorobenzene	50.000	48.110	3.8	76	0.00
88 T	1,4-Dichlorobenzene	50.000	48.034	3.9	76	0.00
89 T	n-Butylbenzene	50.000	50.552	-1.1	78	0.00
90 T	Hexachloroethane	50.000	49.107	1.8	77	0.00
91 T	1,2-Dichlorobenzene	50.000	47.267	5.5	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.544	10.9	73	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.549	6.9	73	0.00
94 T	Hexachlorobutadiene	50.000	47.410	5.2	74	0.00
95 T	Naphthalene	50.000	44.006	12.0	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022303.D
Acq On : 19 May 2025 08:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 20 01:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.687	10.6	71	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



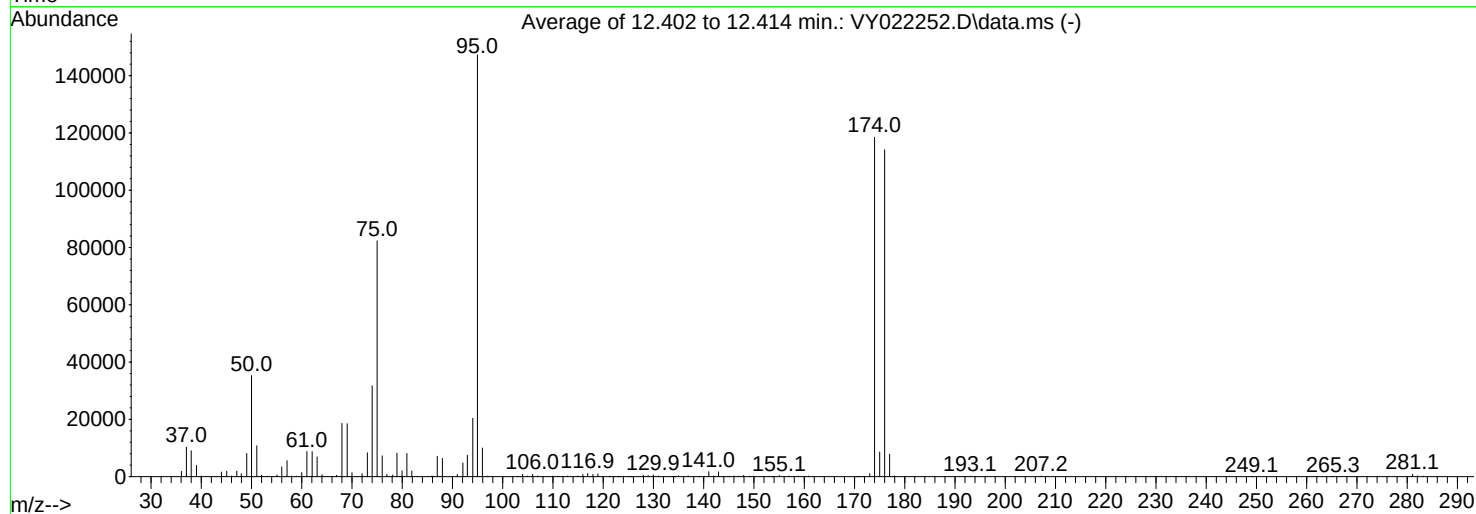
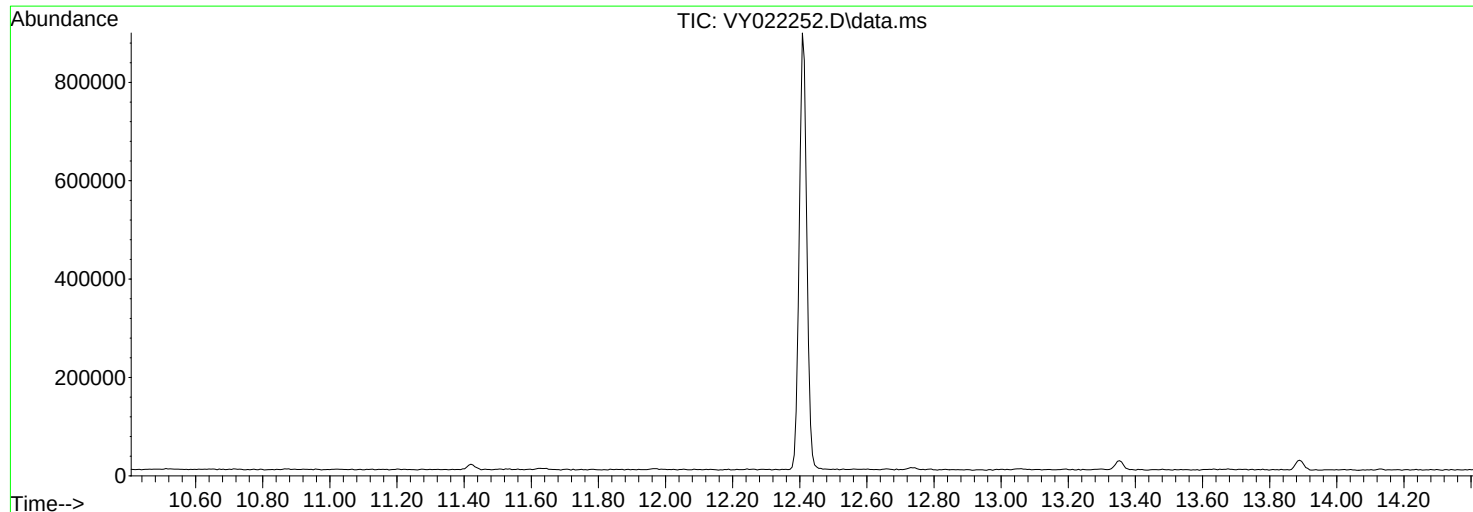
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022252.D
Acq On : 15 May 2025 07:52
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260
Last Update : Fri May 16 01:42:09 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1745

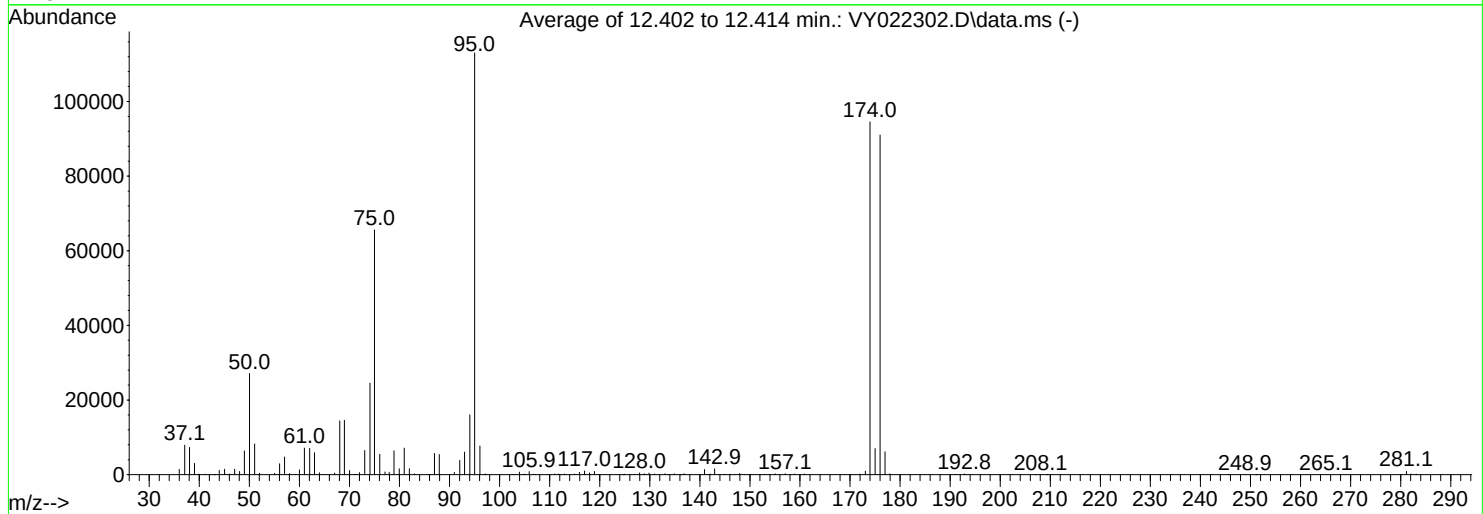
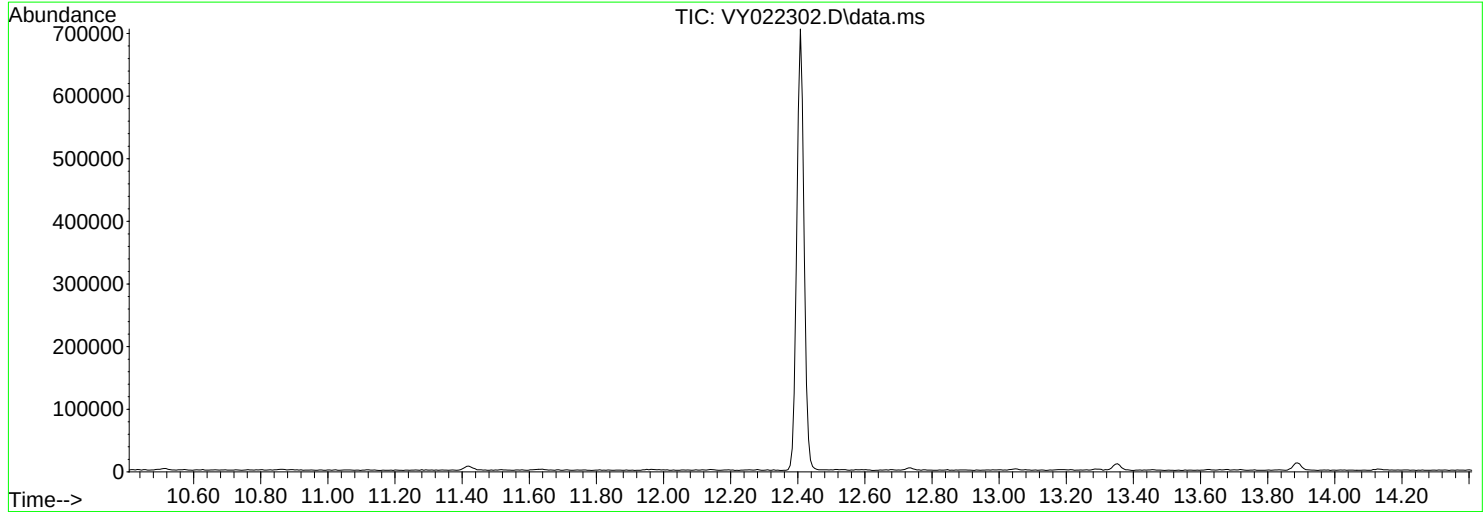
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.0	35318	PASS
75	95	30	60	55.9	82344	PASS
95	95	100	100	100.0	147275	PASS
96	95	5	9	6.8	9993	PASS
173	174	0.00	2	0.9	1042	PASS
174	95	50	100	80.5	118504	PASS
175	174	5	9	7.3	8635	PASS
176	174	95	101	96.3	114157	PASS
177	176	5	9	6.8	7810	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022302.D
Acq On : 19 May 2025 07:57
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260
Last Update : Fri May 16 01:42:09 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	24.0	27112	PASS
75	95	30	60	58.0	65560	PASS
95	95	100	100	100.0	113035	PASS
96	95	5	9	6.8	7676	PASS
173	174	0.00	2	1.0	967	PASS
174	95	50	100	83.6	94552	PASS
175	174	5	9	7.4	6986	PASS
176	174	95	101	96.3	91027	PASS
177	176	5	9	6.7	6144	PASS

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	VY0519SBL01	SDG No.:	Q2021
Lab Sample ID:	VY0519SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022304.D	1		05/19/25 09:00	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	
Client Sample ID:	VY0519SBL01		SDG No.:	Q2021
Lab Sample ID:	VY0519SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022304.D	1		05/19/25 09:00	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.1		70 (63) - 130 (155)	82%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		70 (70) - 130 (134)	95%	SPK: 50
2037-26-5	Toluene-d8	48.8		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.7		70 (38) - 130 (136)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	331000	7.707			
540-36-3	1,4-Difluorobenzene	571000	8.616			
3114-55-4	Chlorobenzene-d5	439000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	158000	13.346			



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	
Client Sample ID:	VY0519SBL01		SDG No.:	Q2021
Lab Sample ID:	VY0519SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022304.D	1		05/19/25 09:00	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022304.D
 Acq On : 19 May 2025 09:00
 Operator : SY/MD
 Sample : VY0519SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBL01

Quant Time: May 20 01:08:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	331048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	571469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	438659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	158015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148693	41.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.200%
35) Dibromofluoromethane	7.634	113	161852	47.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.900%
50) Toluene-d8	10.109	98	681316	48.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.408	95	166911	37.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.400%

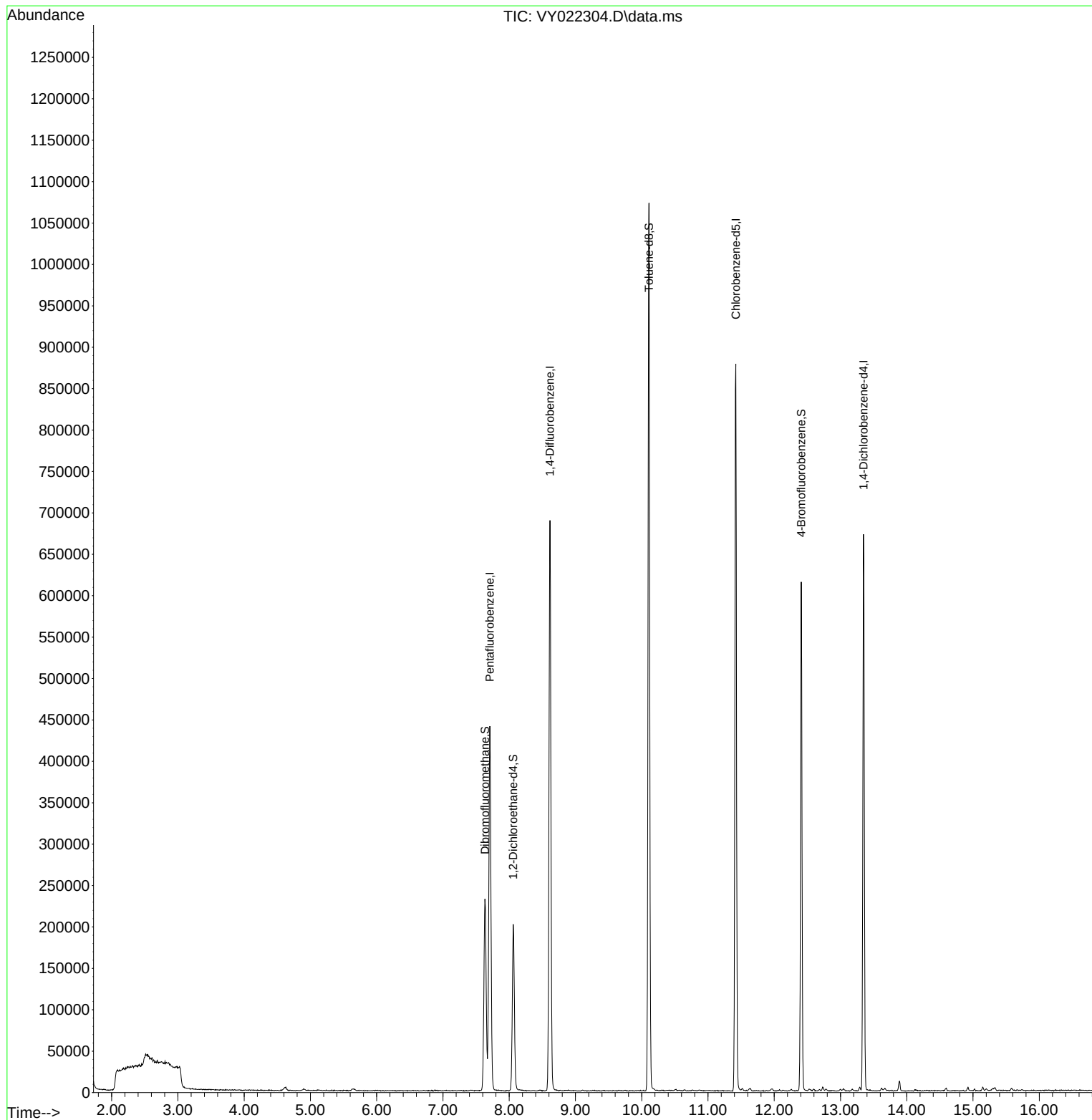
Target Compounds	Qvalue

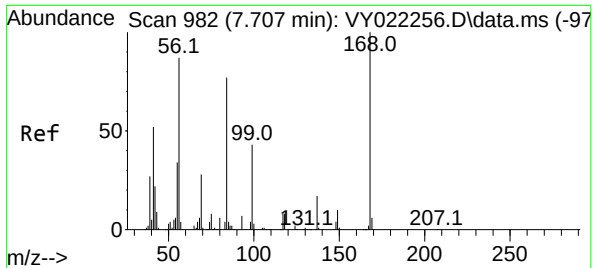
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022304.D
Acq On : 19 May 2025 09:00
Operator : SY/MD
Sample : VY0519SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

Quant Time: May 20 01:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

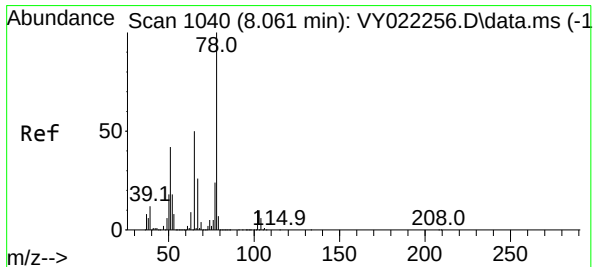
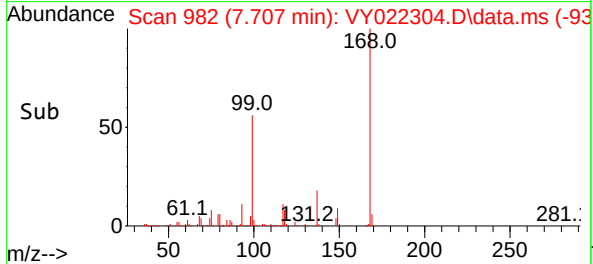
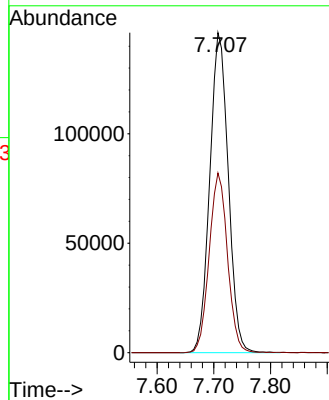
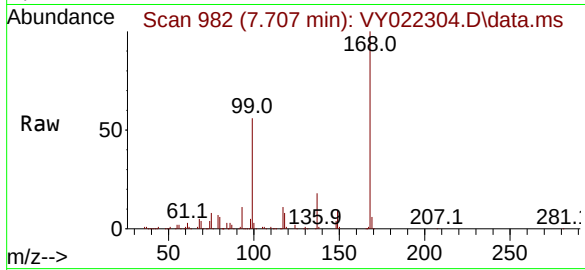




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

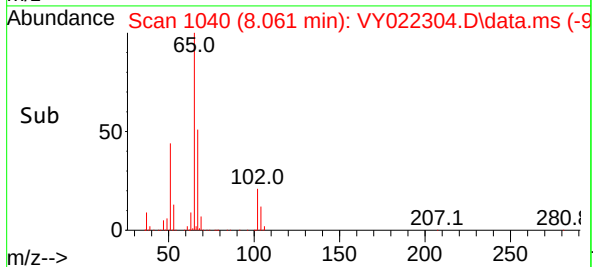
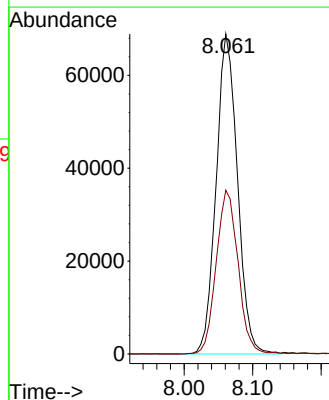
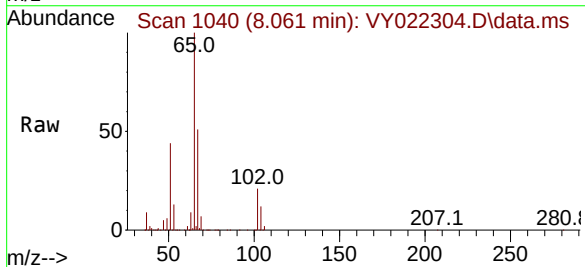
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

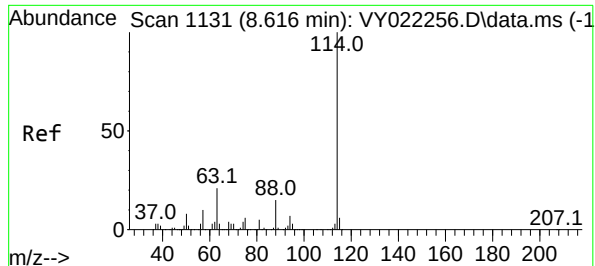
Tgt Ion:168 Resp: 331048
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 41.098 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

Tgt Ion: 65 Resp: 148693
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022304.D

Acq: 19 May 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBL01

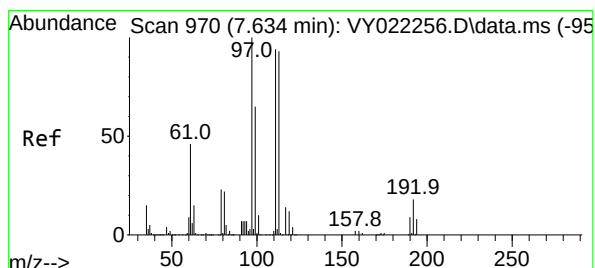
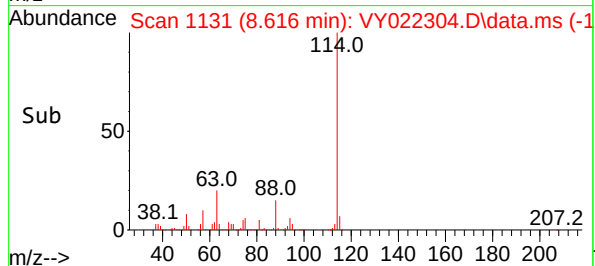
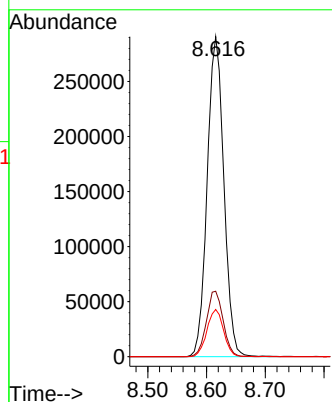
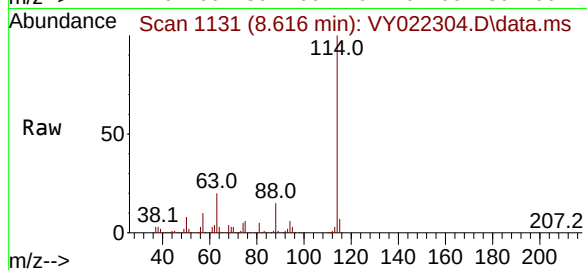
Tgt Ion:114 Resp: 571469

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 14.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.452 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY022304.D

Acq: 19 May 2025 09:00

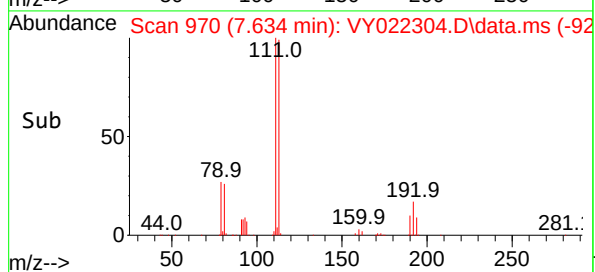
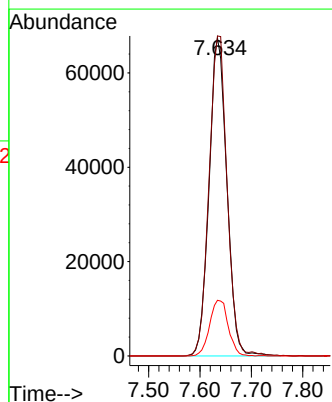
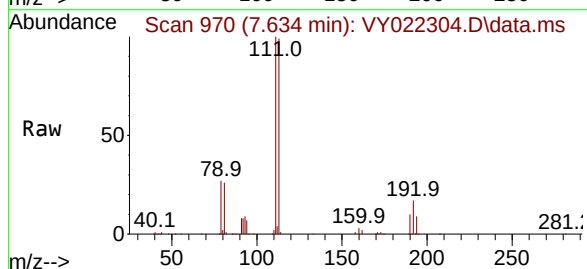
Tgt Ion:113 Resp: 161852

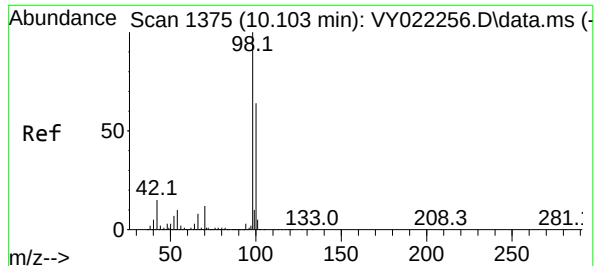
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 18.3 15.2 22.8





#50

Toluene-d8

Concen: 48.772 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY022304.D

Acq: 19 May 2025 09:00

Instrument :

MSVOA_Y

ClientSampleId :

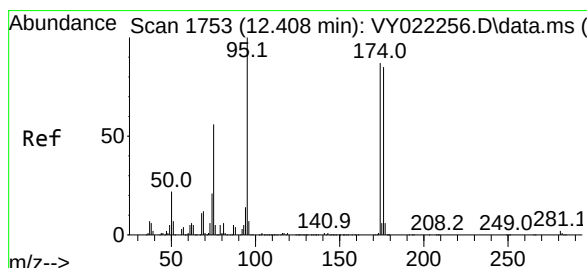
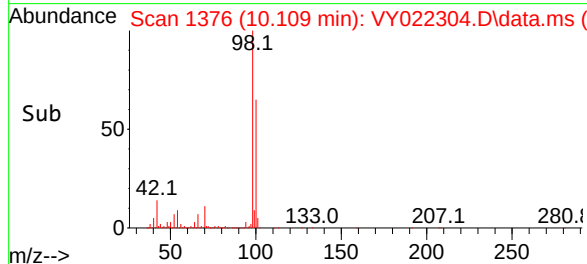
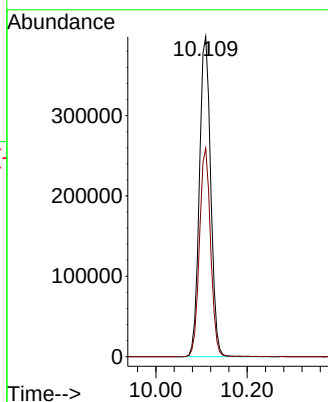
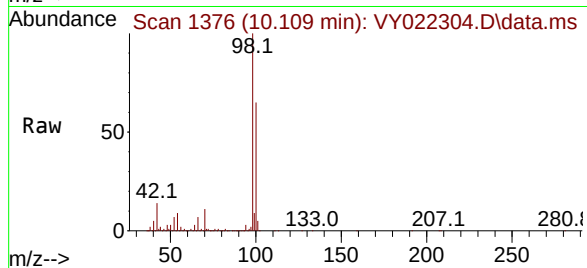
VY0519SBL01

Tgt Ion: 98 Resp: 681316

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.696 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY022304.D

Acq: 19 May 2025 09:00

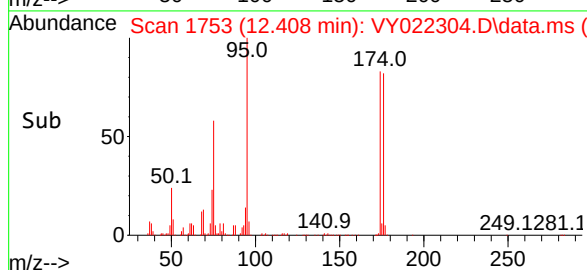
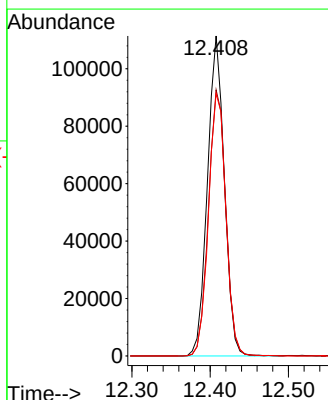
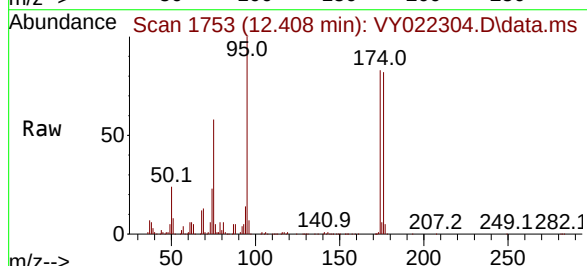
Tgt Ion: 95 Resp: 166911

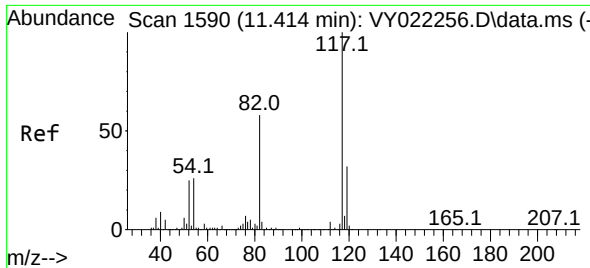
Ion Ratio Lower Upper

95 100

174 85.5 0.0 166.8

176 84.4 0.0 160.8

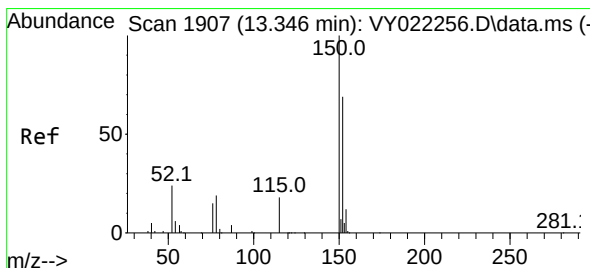
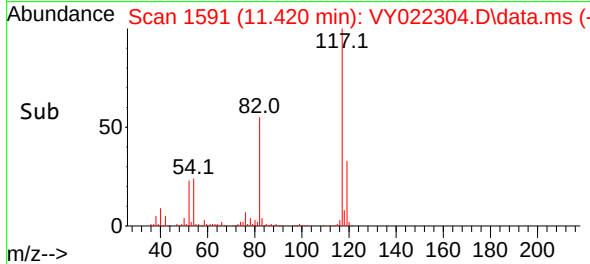
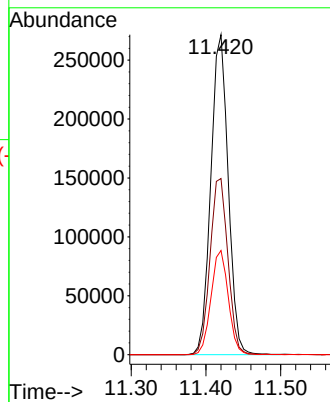
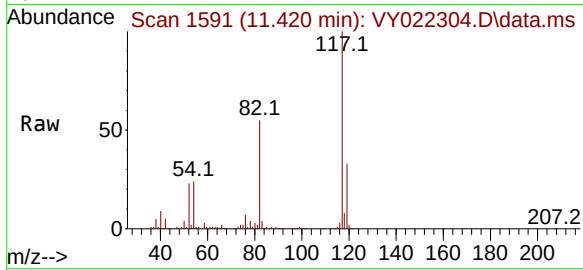




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

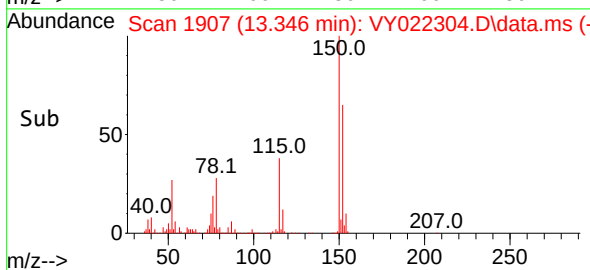
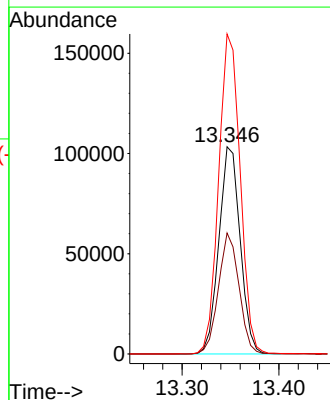
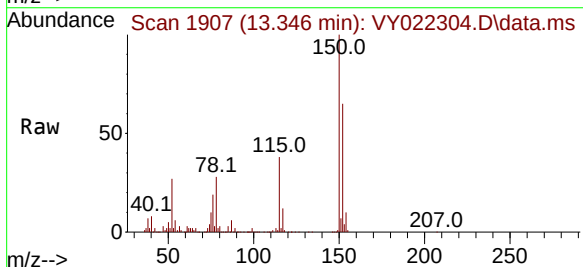
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

Tgt Ion:117 Resp: 438659
Ion Ratio Lower Upper
117 100
82 55.1 46.6 70.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

Tgt Ion:152 Resp: 158015
Ion Ratio Lower Upper
152 100
115 56.4 29.4 88.2
150 156.2 0.0 353.8



Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	VY0519SBS01	SDG No.:	Q2021
Lab Sample ID:	VY0519SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022305.D	1		05/19/25 09:36	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	26.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	26.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	32.0		1.10	5.00	ug/Kg
75-00-3	Chloroethane	29.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	25.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.3		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.8		1.00	5.00	ug/Kg
67-64-1	Acetone	88.8		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	18.7		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.4		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.4		0.79	5.00	ug/Kg
78-93-3	2-Butanone	90.9		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	19.8		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.9		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.4		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.8		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	95.8		3.60	25.0	ug/Kg
108-88-3	Toluene	19.9		0.78	5.00	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	
Client Sample ID:	VY0519SBS01		SDG No.:	Q2021
Lab Sample ID:	VY0519SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022305.D	1		05/19/25 09:36	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.1		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.5		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	92.6		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.4		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.0		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.6		0.82	5.00	ug/Kg
100-42-5	Styrene	19.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.7		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.9		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.1		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.0		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.2		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		70 (63) - 130 (155)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	51.1		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		70 (38) - 130 (136)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	7.707			
540-36-3	1,4-Difluorobenzene	338000	8.616			
3114-55-4	Chlorobenzene-d5	283000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	134000	13.347			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	
Client Sample ID:	VY0519SBS01		SDG No.:	Q2021
Lab Sample ID:	VY0519SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022305.D	1		05/19/25 09:36	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022305.D
 Acq On : 19 May 2025 09:36
 Operator : SY/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 20 01:08:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	200360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	338060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	283142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	133674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112366	51.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.634	113	103010	51.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.109	98	422064	51.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.408	95	126905	48.449	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	44358	21.217	ug/l	96
3) Chloromethane	2.068	50	116897	26.580	ug/l	97
4) Vinyl Chloride	2.202	62	131565	26.776	ug/l	96
5) Bromomethane	2.592	94	128052	32.014	ug/l	95
6) Chloroethane	2.733	64	88707	29.020	ug/l	99
7) Trichlorofluoromethane	3.050	101	124809	25.089	ug/l	99
8) Diethyl Ether	3.458	74	24485	20.509	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	45930	21.267	ug/l	99
10) Methyl Iodide	4.007	142	47593	19.040	ug/l	98
11) Tert butyl alcohol	4.885	59	16264	97.263	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	44662	20.839	ug/l	95
13) Acrolein	3.659	56	19980	81.733	ug/l	99
14) Allyl chloride	4.379	41	72879	19.394	ug/l	97
15) Acrylonitrile	5.061	53	49498	100.621	ug/l	99
16) Acetone	3.879	43	36473	88.830	ug/l	96
17) Carbon Disulfide	4.104	76	145351	20.798	ug/l	100
18) Methyl Acetate	4.397	43	25765	19.902	ug/l	94
19) Methyl tert-butyl Ether	5.122	73	121169	20.504	ug/l	98
20) Methylene Chloride	4.616	84	49524	18.666	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	48269	20.405	ug/l	96
22) Diisopropyl ether	6.025	45	155980	19.655	ug/l	98
23) Vinyl Acetate	5.964	43	462181	96.402	ug/l	99
24) 1,1-Dichloroethane	5.915	63	89842	20.264	ug/l	98
25) 2-Butanone	6.903	43	62462	90.946	ug/l	97
26) 2,2-Dichloropropane	6.884	77	80218	20.342	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	56075	20.541	ug/l	98
28) Bromochloromethane	7.250	49	37383	19.768	ug/l	98
29) Tetrahydrofuran	7.268	42	43669	98.831	ug/l	94
30) Chloroform	7.427	83	89033	20.936	ug/l	98
31) Cyclohexane	7.707	56	90210	20.365	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	82841	21.233	ug/l	98
36) 1,1-Dichloropropene	7.835	75	67180	20.214	ug/l	98
37) Ethyl Acetate	6.988	43	31330	19.593	ug/l	99
38) Carbon Tetrachloride	7.817	117	71104	20.669	ug/l	96
39) Methylcyclohexane	9.109	83	92475	20.711	ug/l	97
40) Benzene	8.085	78	198734	20.171	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022305.D
 Acq On : 19 May 2025 09:36
 Operator : SY/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 20 01:08:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	16423	15.483	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	54124	20.314	ug/l	100
43) Isopropyl Acetate	8.201	43	67210	19.272	ug/l	99
44) Trichloroethene	8.866	130	49995	20.408	ug/l	95
45) 1,2-Dichloropropane	9.146	63	47105	19.831	ug/l	100
46) Dibromomethane	9.231	93	26057	20.339	ug/l	98
47) Bromodichloromethane	9.427	83	67475	20.302	ug/l	98
48) Methyl methacrylate	9.225	41	31170	19.112	ug/l	96
49) 1,4-Dioxane	9.238	88	5453	376.764	ug/l	86
51) 4-Methyl-2-Pentanone	10.000	43	163969	95.823	ug/l	99
52) Toluene	10.170	92	124296	19.923	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	62956	19.409	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	74524	20.054	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	33564	20.459	ug/l	98
56) Ethyl methacrylate	10.439	69	49183	19.246	ug/l	97
57) 1,3-Dichloropropane	10.719	76	58922	20.214	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	100509	87.625	ug/l	98
59) 2-Hexanone	10.762	43	106193	92.558	ug/l	97
60) Dibromochloromethane	10.914	129	43173	20.275	ug/l	99
61) 1,2-Dibromoethane	11.018	107	31396	20.533	ug/l	99
64) Tetrachloroethene	10.652	164	53401	20.405	ug/l	98
65) Chlorobenzene	11.444	112	129758	20.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	43074	19.614	ug/l	98
67) Ethyl Benzene	11.524	91	237230	19.830	ug/l	99
68) m/p-Xylenes	11.633	106	180140	39.960	ug/l	96
69) o-Xylene	11.957	106	83514	19.581	ug/l	99
70) Styrene	11.969	104	140922	19.587	ug/l	98
71) Bromoform	12.133	173	23328	19.680	ug/l #	98
73) Isopropylbenzene	12.255	105	220761	19.935	ug/l	100
74) N-amyl acetate	12.072	43	58768	18.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34721	20.387	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	23415m	17.290	ug/l	
77) Bromobenzene	12.536	156	46286	19.569	ug/l	99
78) n-propylbenzene	12.597	91	268280	20.084	ug/l	100
79) 2-Chlorotoluene	12.682	91	143678	19.573	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	174835	19.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	13091	19.582	ug/l	97
82) 4-Chlorotoluene	12.780	91	144394	19.124	ug/l	99
83) tert-Butylbenzene	12.999	119	157481	19.820	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	174561	19.671	ug/l	100
85) sec-Butylbenzene	13.176	105	235349	19.954	ug/l	99
86) p-Isopropyltoluene	13.292	119	191316	19.286	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	92027	19.059	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	91240	19.645	ug/l	99
89) n-Butylbenzene	13.621	91	186063	19.826	ug/l	99
90) Hexachloroethane	13.883	117	39735	19.843	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	79761	19.666	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5501	20.030	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	44423	18.962	ug/l	99
94) Hexachlorobutadiene	15.023	225	25456	19.484	ug/l	98
95) Naphthalene	15.145	128	85379	19.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	38129	19.185	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022305.D
Acq On : 19 May 2025 09:36
Operator : SY/MD
Sample : VY0519SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

Quant Time: May 20 01:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

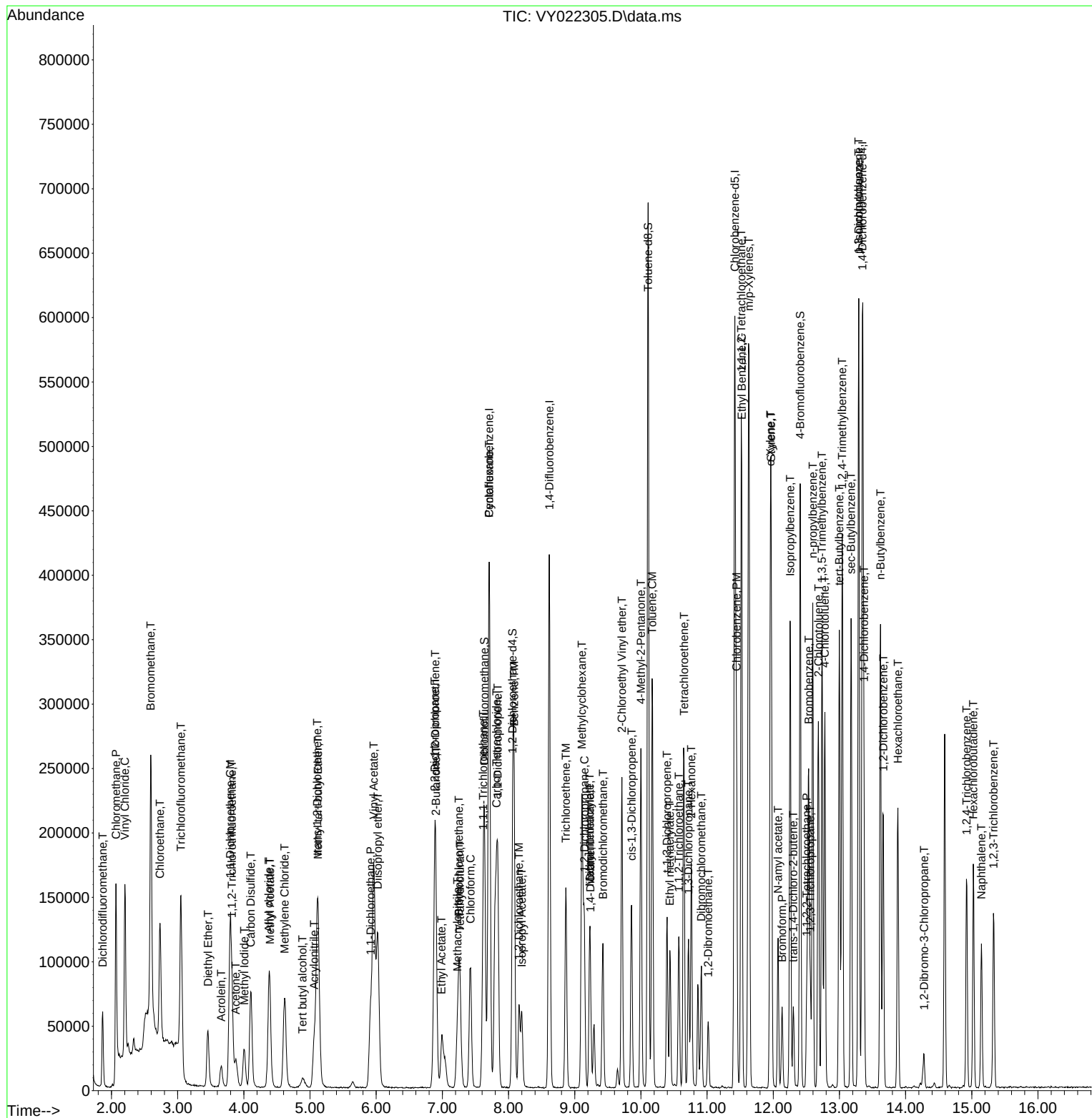
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

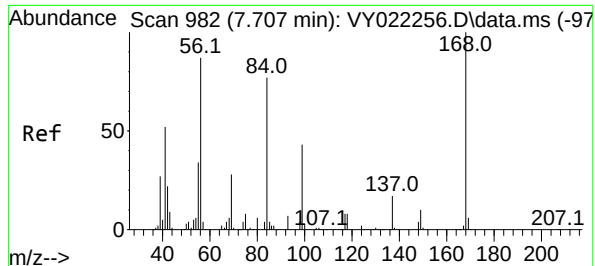
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022305.D
Acq On : 19 May 2025 09:36
Operator : SY/MD
Sample : VY0519SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

Quant Time: May 20 01:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

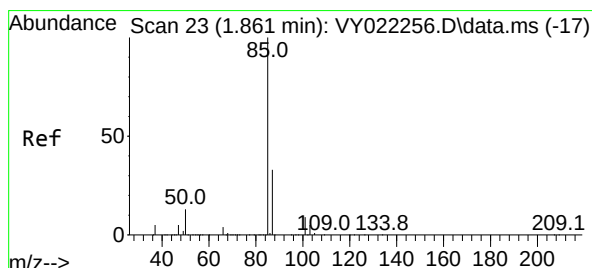
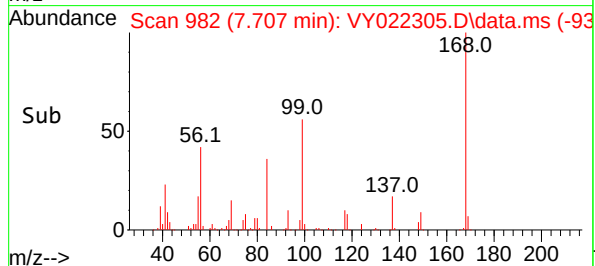
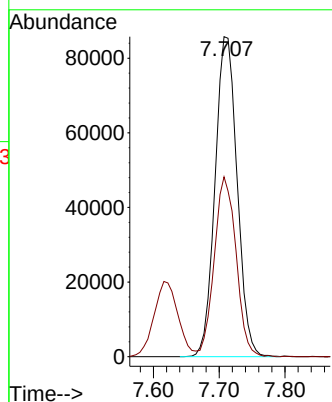
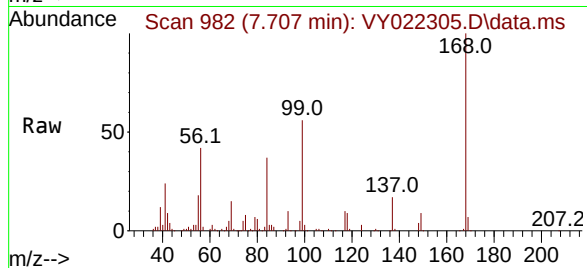




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

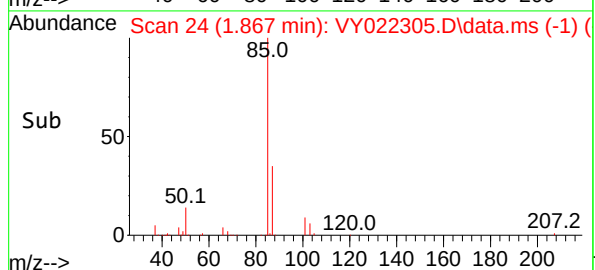
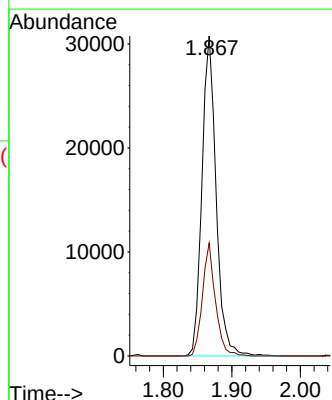
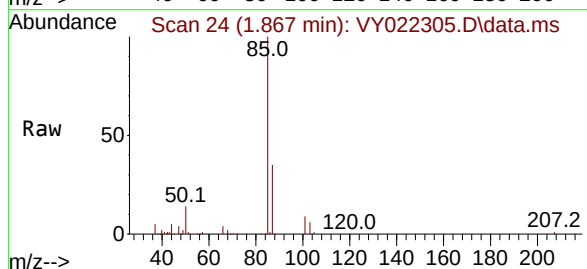
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

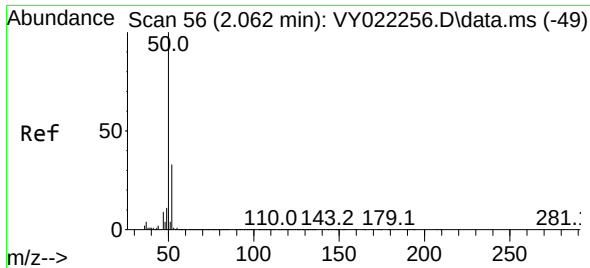
Tgt Ion:168 Resp: 200360
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.217 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 85 Resp: 44358
Ion Ratio Lower Upper
85 100
87 35.3 16.5 49.5

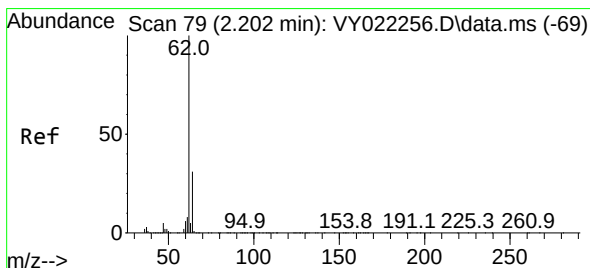
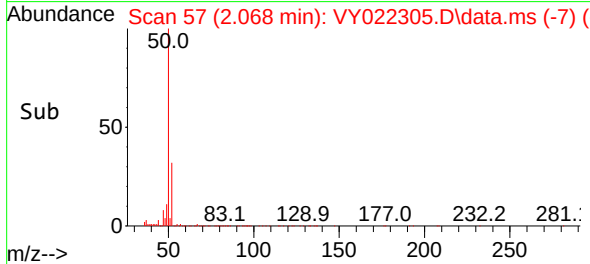
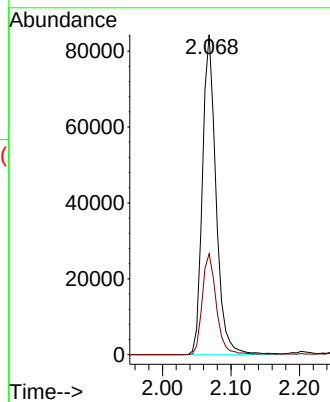
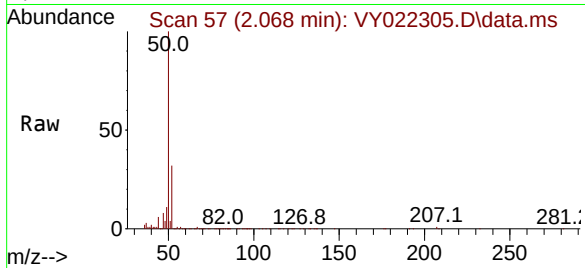




#3
Chloromethane
Concen: 26.580 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

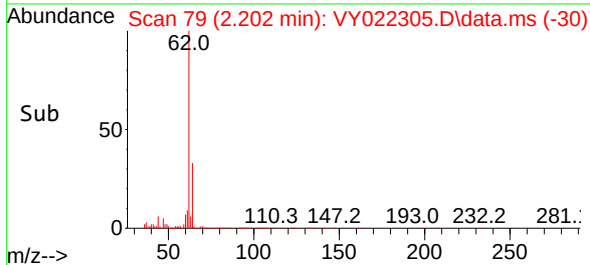
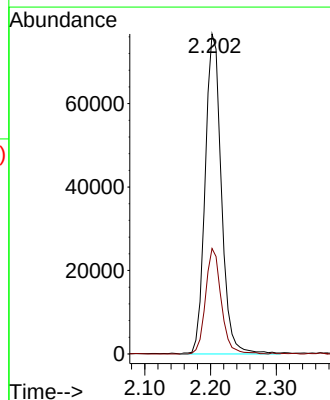
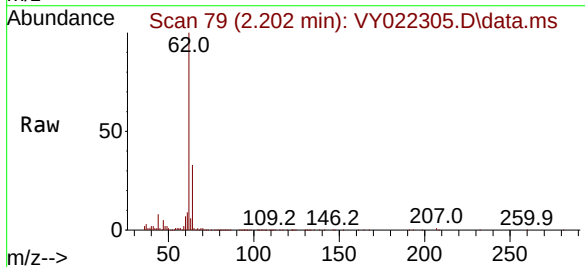
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

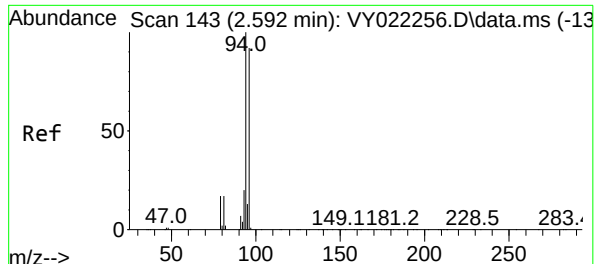
Tgt Ion: 50 Resp: 116897
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 26.776 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 62 Resp: 131565
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7

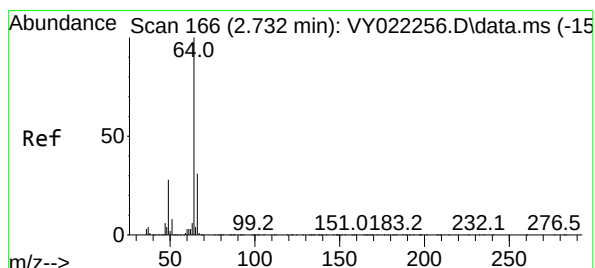
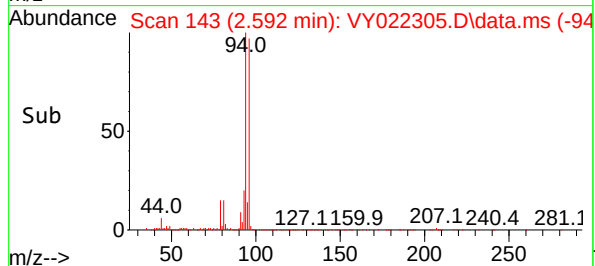
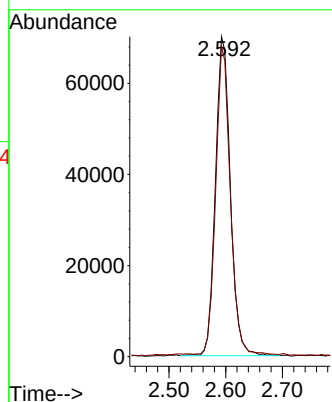
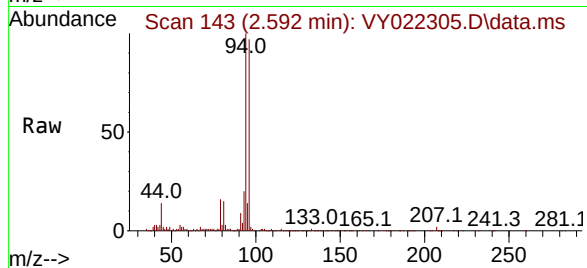




#5
Bromomethane
Concen: 32.014 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

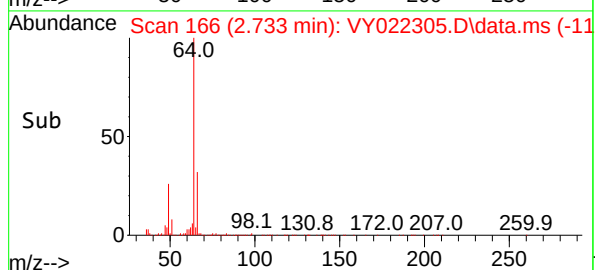
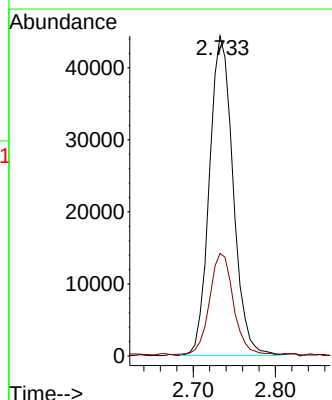
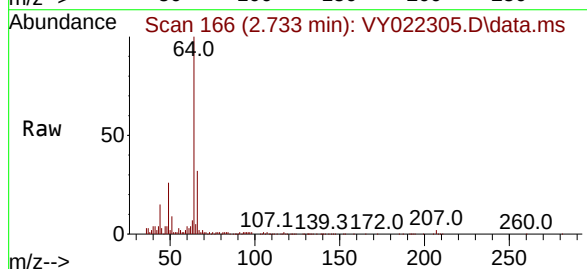
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

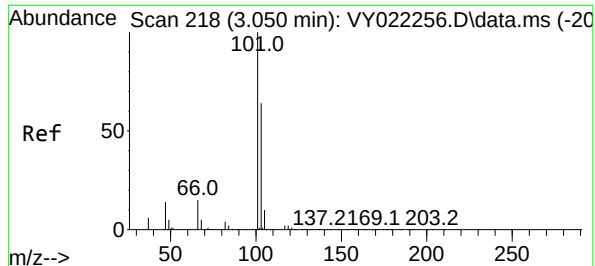
Tgt Ion: 94 Resp: 128052
Ion Ratio Lower Upper
94 100
96 96.6 73.4 110.0



#6
Chloroethane
Concen: 29.020 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 64 Resp: 88707
Ion Ratio Lower Upper
64 100
66 31.6 24.8 37.2

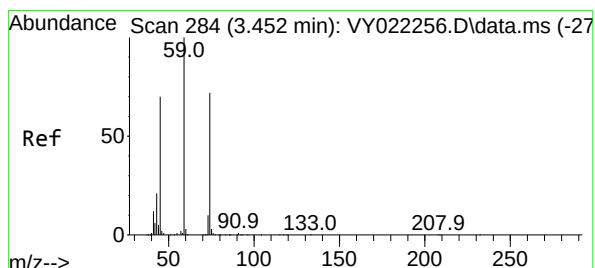
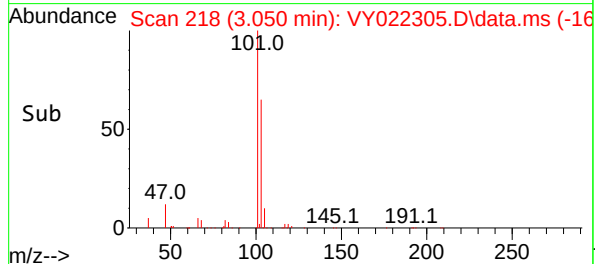
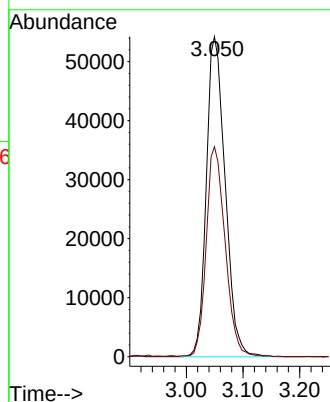
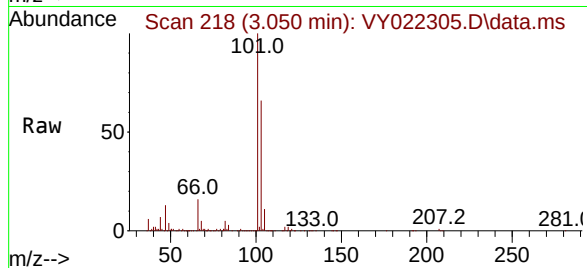




#7
Trichlorofluoromethane
Concen: 25.089 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

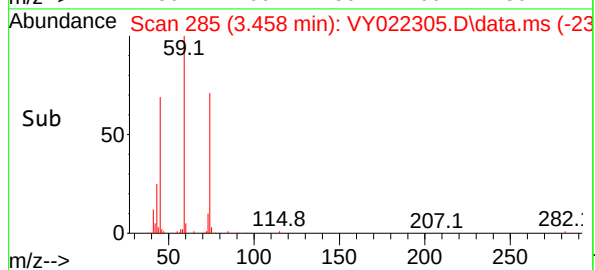
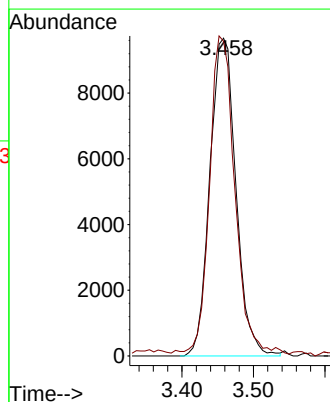
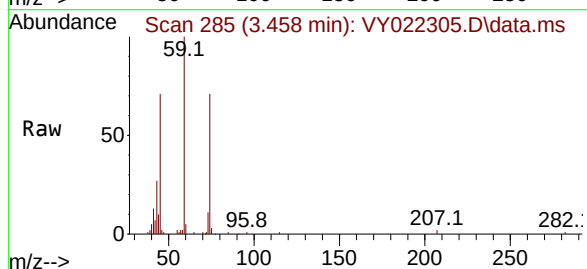
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

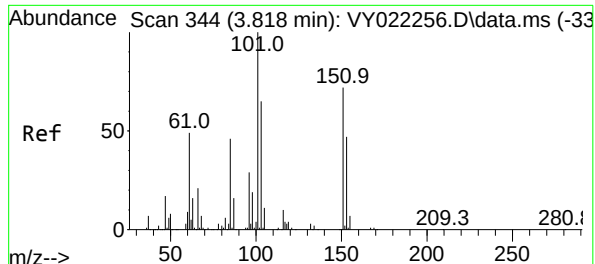
Tgt Ion:101 Resp: 124809
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5



#8
Diethyl Ether
Concen: 20.509 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 74 Resp: 24485
Ion Ratio Lower Upper
74 100
45 97.0 48.6 145.8

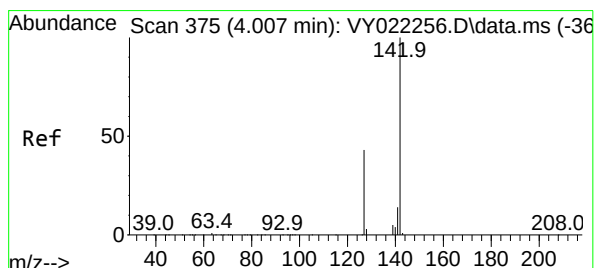
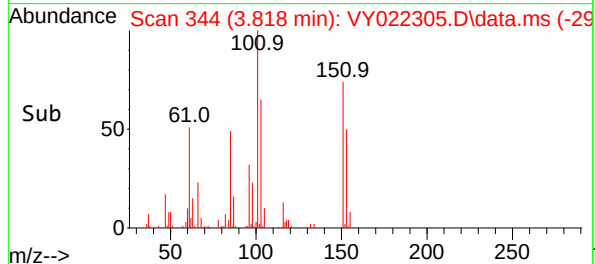
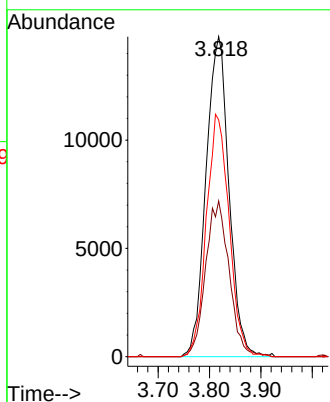
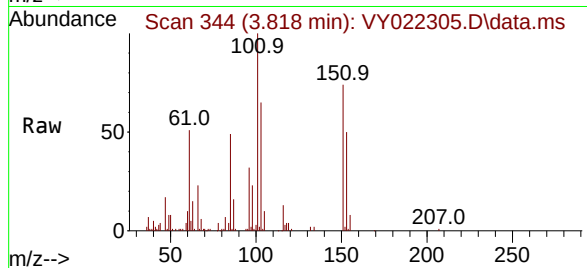




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.267 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

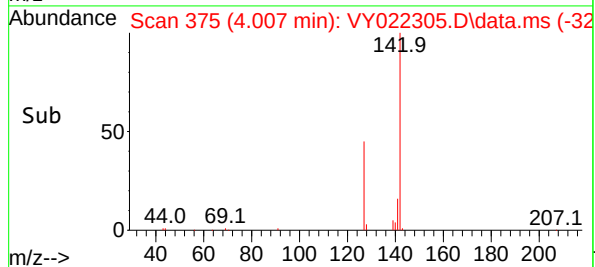
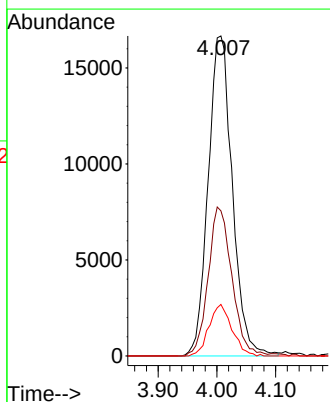
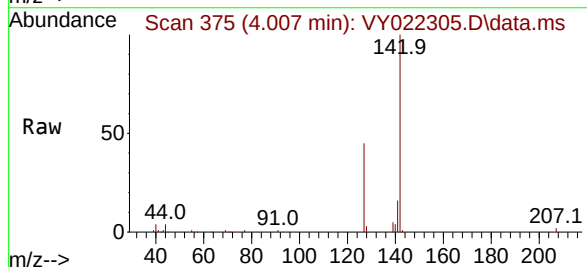
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

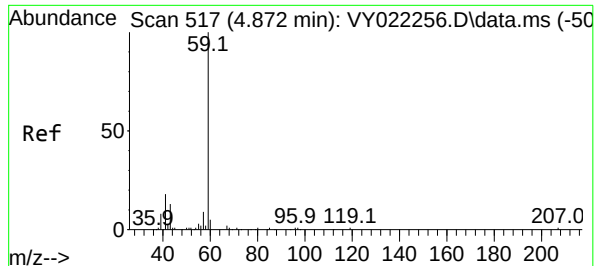
Tgt Ion:101 Resp: 45930
Ion Ratio Lower Upper
101 100
85 50.0 38.6 58.0
151 75.0 59.7 89.5



#10
Methyl Iodide
Concen: 19.040 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion:142 Resp: 47593
Ion Ratio Lower Upper
142 100
127 45.6 35.7 53.5
141 15.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 97.263 ug/l

RT: 4.885 min Scan# 517

Delta R.T. 0.012 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

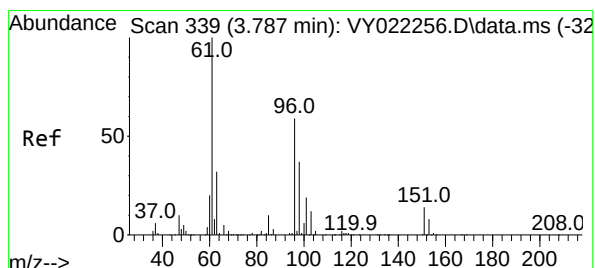
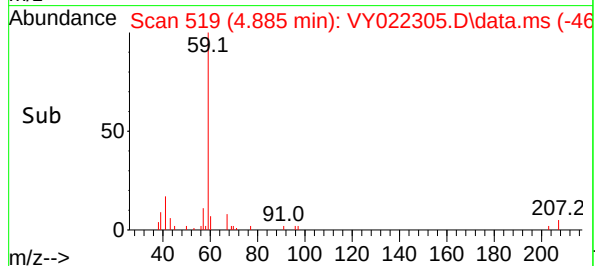
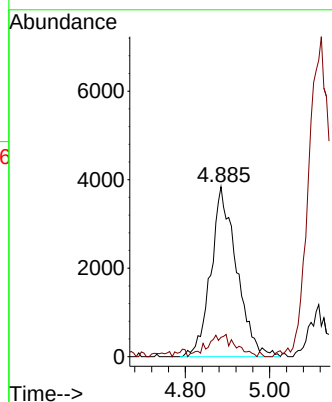
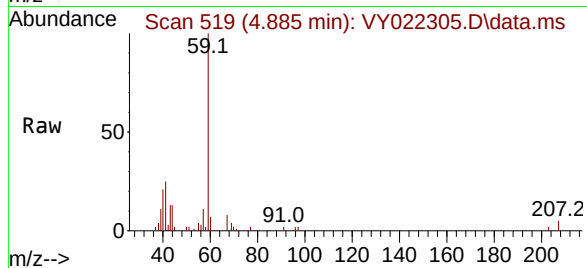
VY0519SBS01

Tgt Ion: 59 Resp: 16264

Ion Ratio Lower Upper

59 100

57 6.2 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 20.839 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

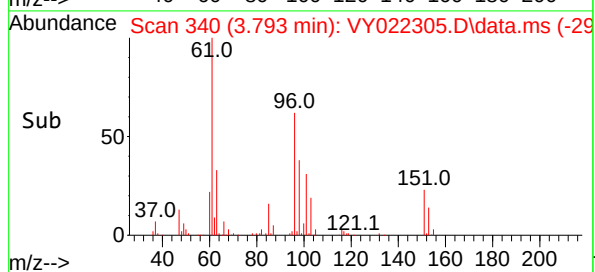
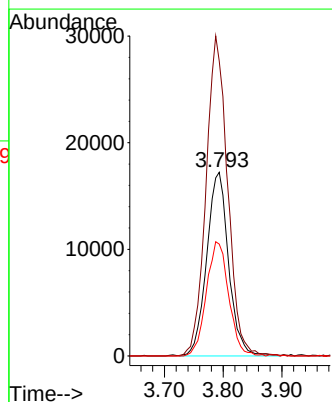
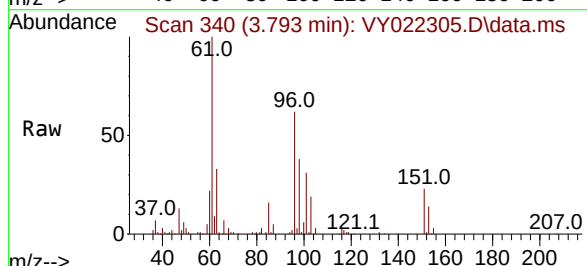
Tgt Ion: 96 Resp: 44662

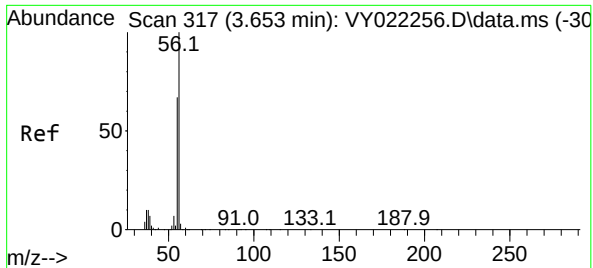
Ion Ratio Lower Upper

96 100

61 160.1 134.9 202.3

98 60.9 49.9 74.9





#13

Acrolein

Concen: 81.733 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

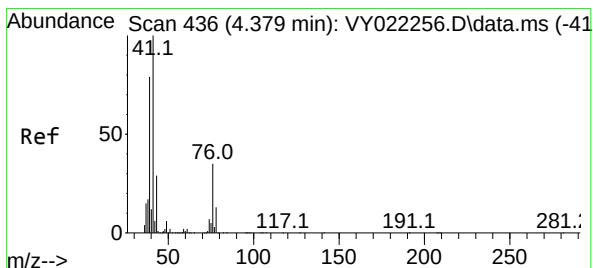
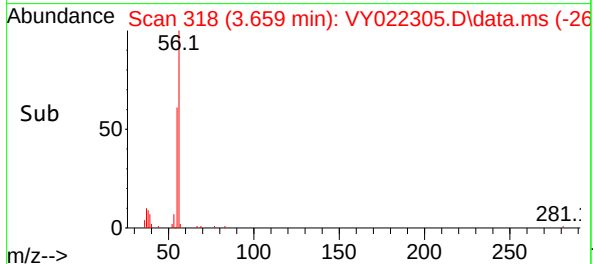
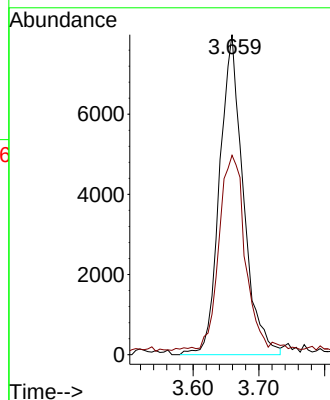
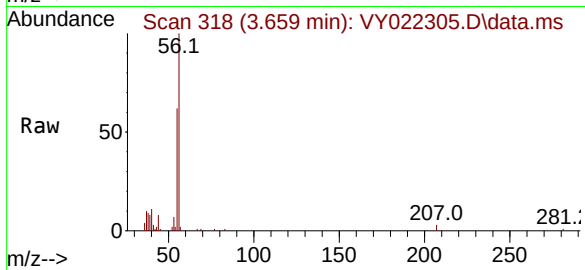
VY0519SBS01

Tgt Ion: 56 Resp: 19980

Ion Ratio Lower Upper

56 100

55 68.4 55.6 83.4



#14

Allyl chloride

Concen: 19.394 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

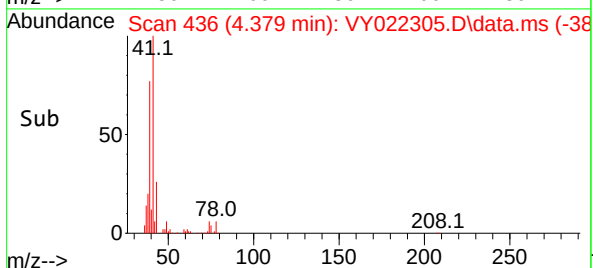
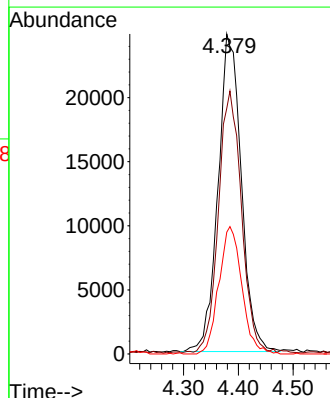
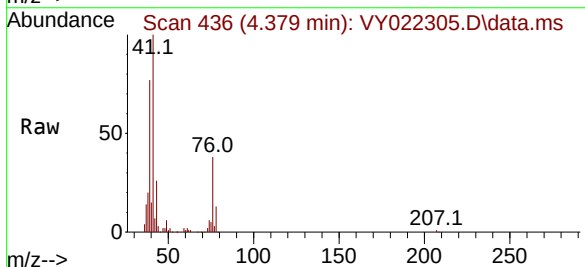
Tgt Ion: 41 Resp: 72879

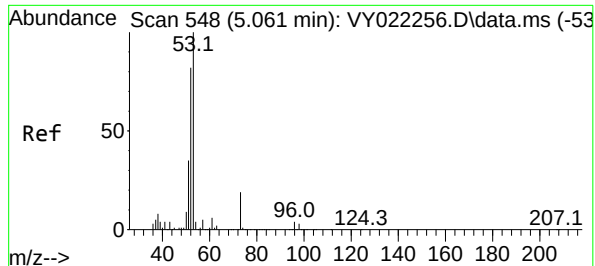
Ion Ratio Lower Upper

41 100

39 81.7 63.4 95.0

76 39.8 29.5 44.3





#15

Acrylonitrile

Concen: 100.621 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

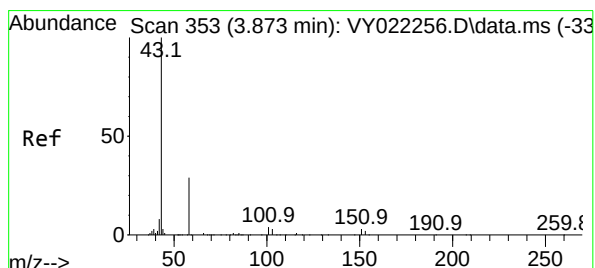
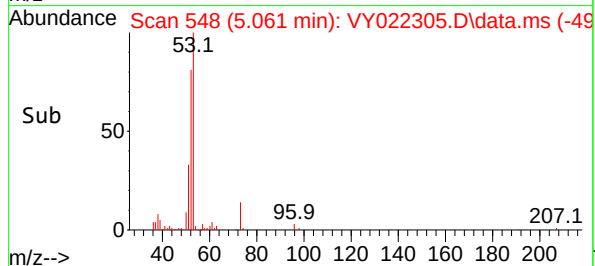
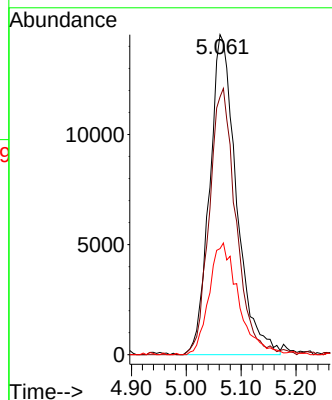
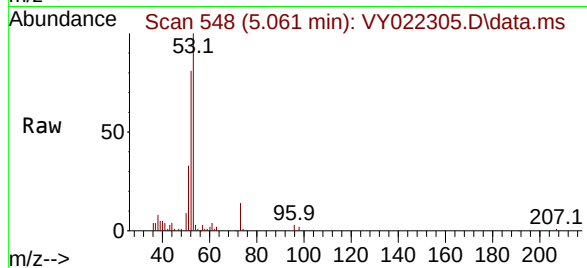
Tgt Ion: 53 Resp: 49498

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

51 38.2 30.0 45.0



#16

Acetone

Concen: 88.830 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY022305.D

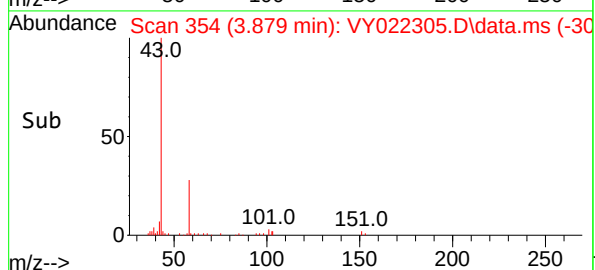
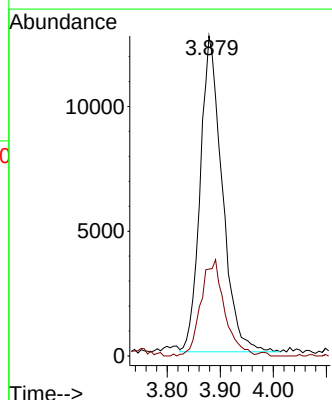
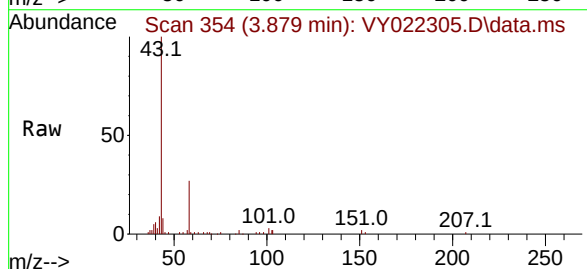
Acq: 19 May 2025 09:36

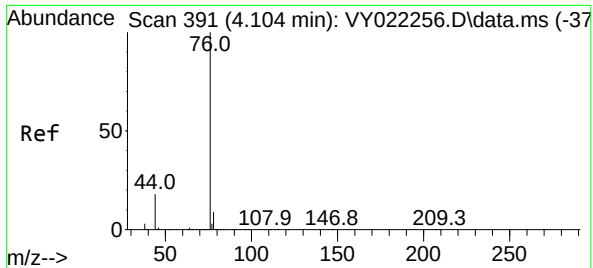
Tgt Ion: 43 Resp: 36473

Ion Ratio Lower Upper

43 100

58 27.5 23.6 35.4





#17

Carbon Disulfide

Concen: 20.798 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

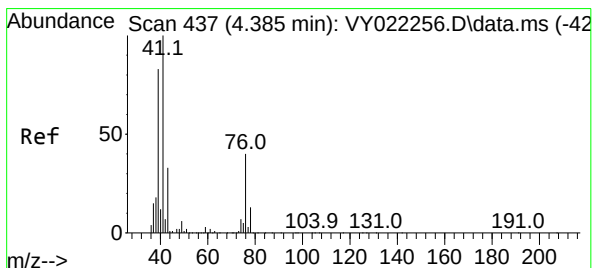
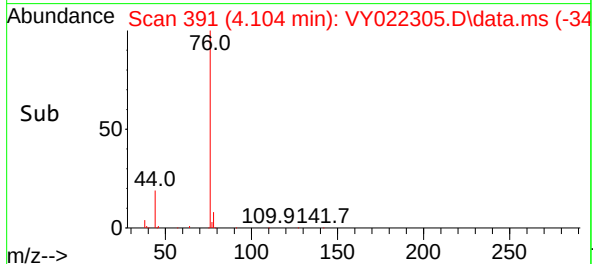
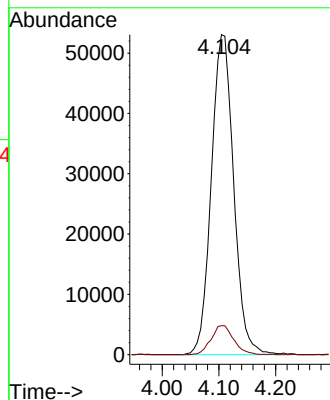
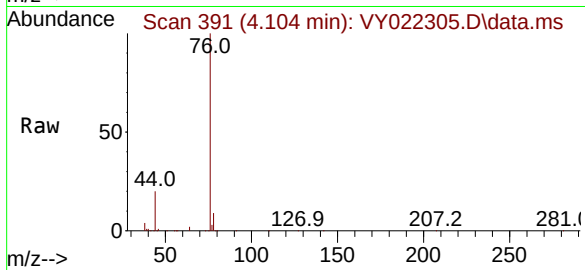
VY0519SBS01

Tgt Ion: 76 Resp: 145351

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 19.902 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY022305.D

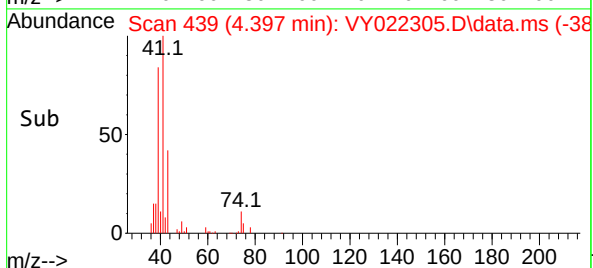
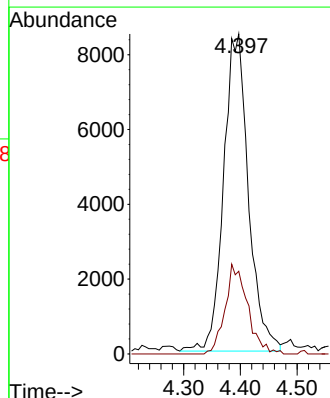
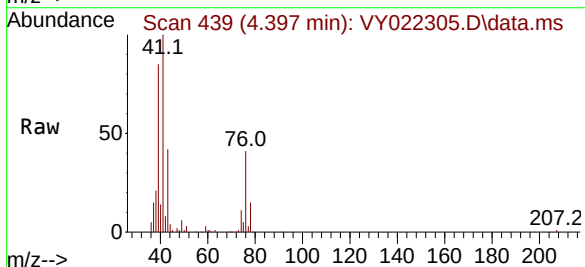
Acq: 19 May 2025 09:36

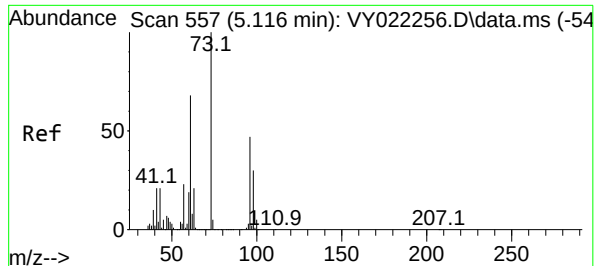
Tgt Ion: 43 Resp: 25765

Ion Ratio Lower Upper

43 100

74 25.6 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.504 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

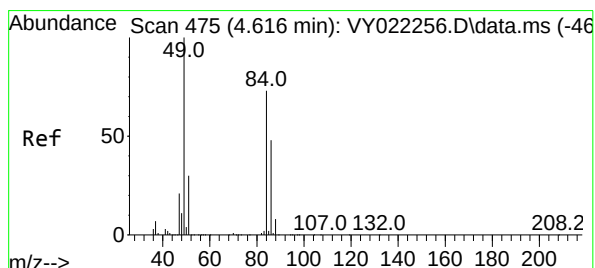
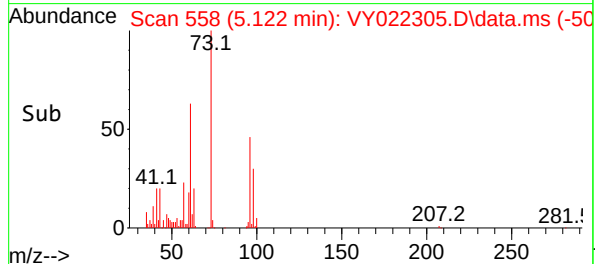
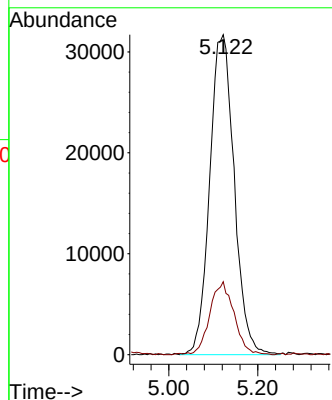
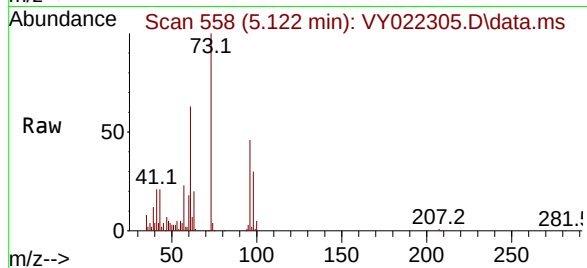
VY0519SBS01

Tgt Ion: 73 Resp: 121169

Ion Ratio Lower Upper

73 100

57 22.6 18.6 28.0



#20

Methylene Chloride

Concen: 18.666 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Tgt Ion: 84 Resp: 49524

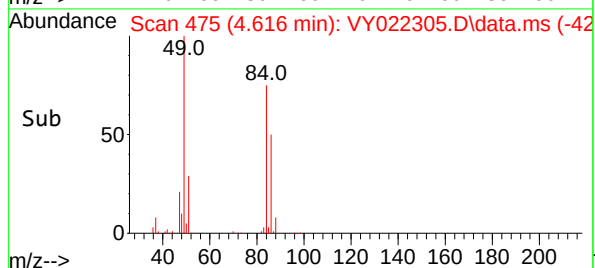
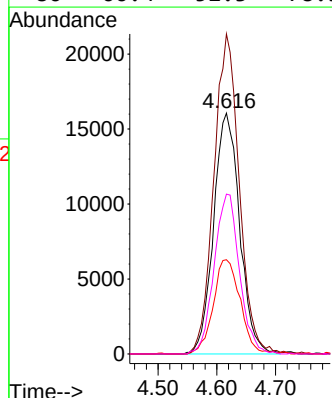
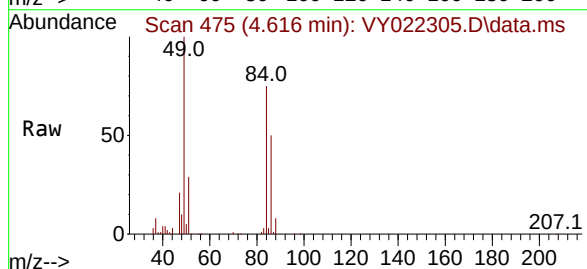
Ion Ratio Lower Upper

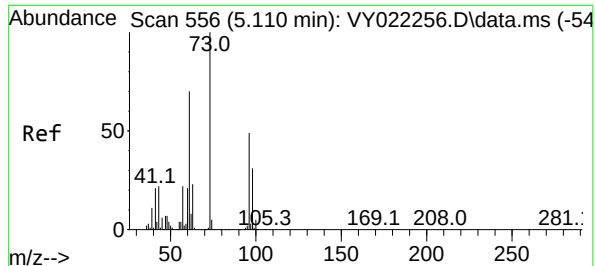
84 100

49 132.9 109.6 164.4

51 39.1 32.4 48.6

86 66.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.405 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

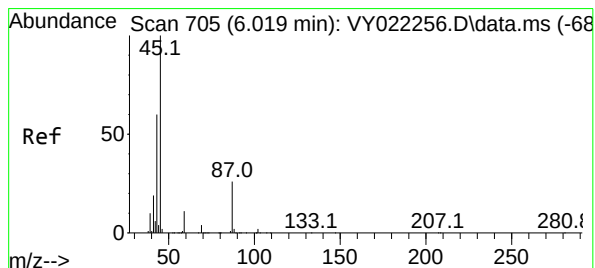
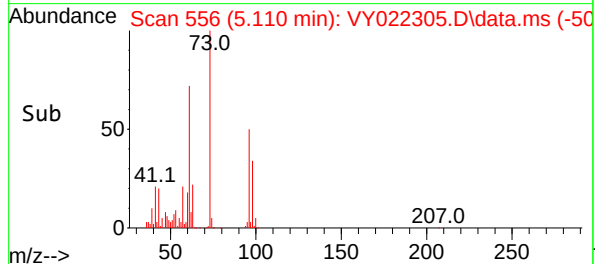
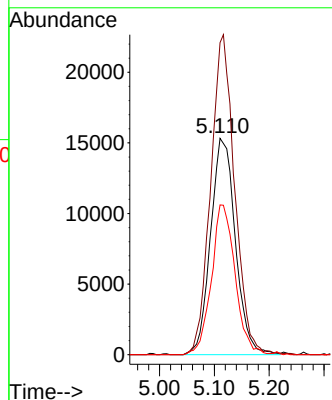
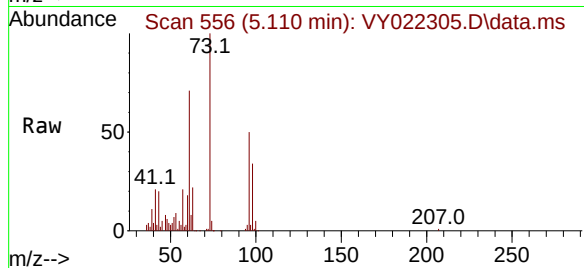
Tgt Ion: 96 Resp: 48269

Ion Ratio Lower Upper

96 100

61 144.2 113.4 170.0

98 69.2 50.9 76.3



#22

Diisopropyl ether

Concen: 19.655 ug/l

RT: 6.025 min Scan# 706

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Tgt Ion: 45 Resp: 155980

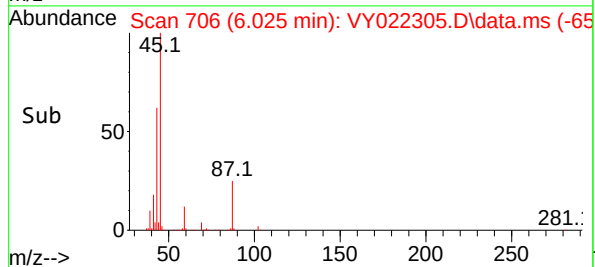
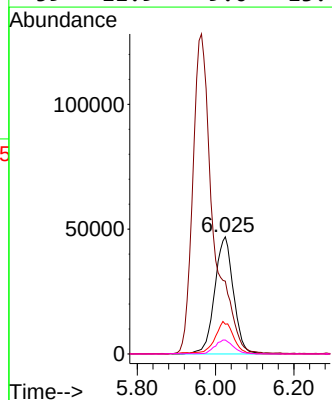
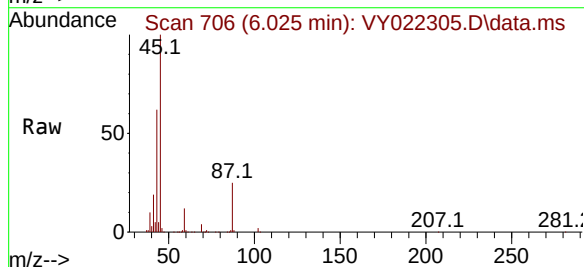
Ion Ratio Lower Upper

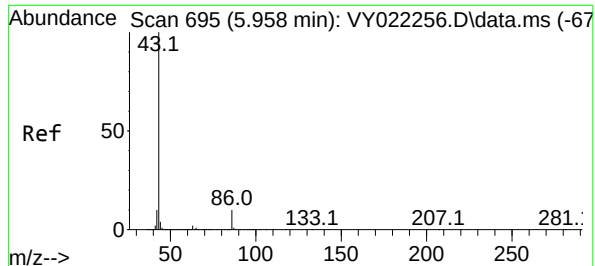
45 100

43 61.2 48.2 72.2

87 25.4 21.4 32.0

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 96.402 ug/l

RT: 5.964 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

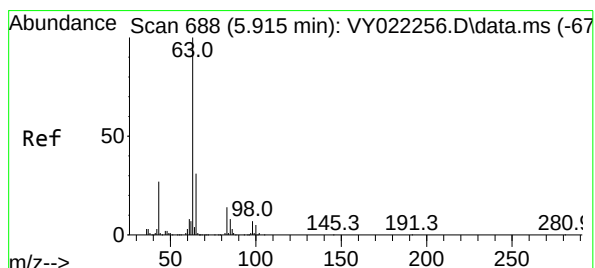
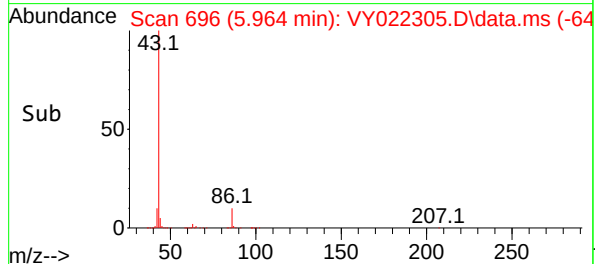
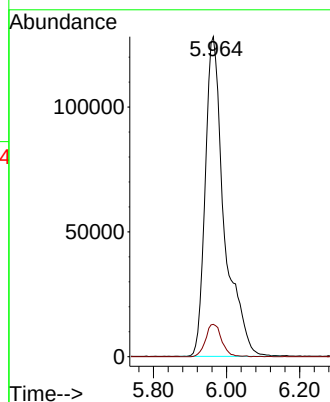
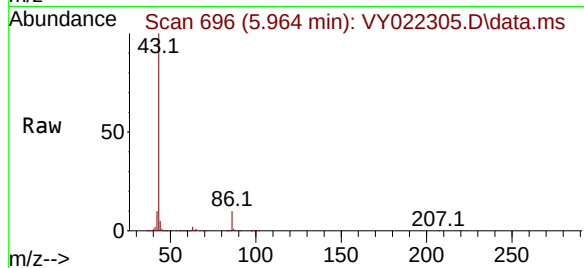
VY0519SBS01

Tgt Ion: 43 Resp: 462181

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.264 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

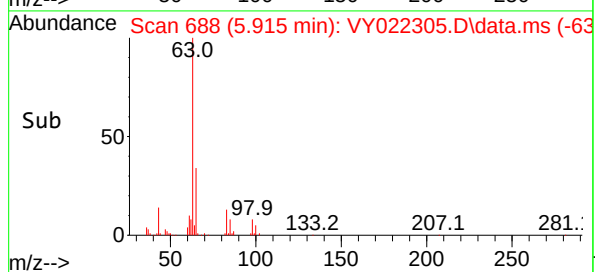
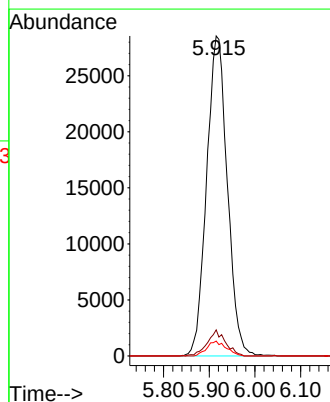
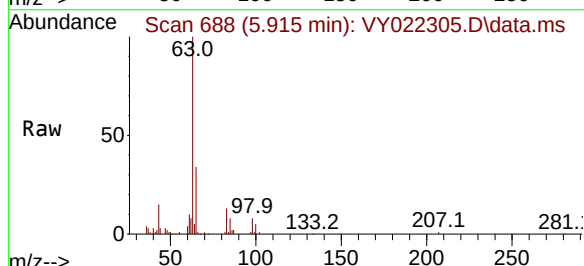
Tgt Ion: 63 Resp: 89842

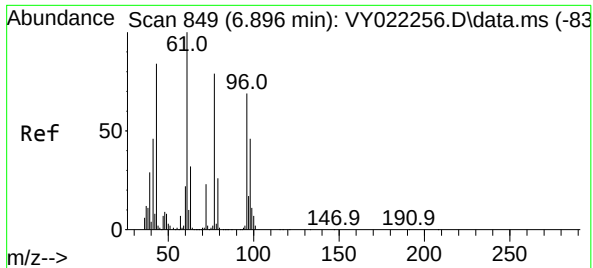
Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.5

100 4.6 2.4 7.2

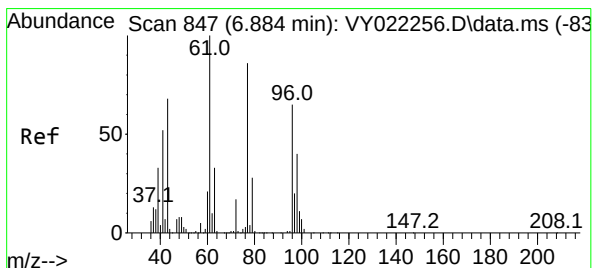
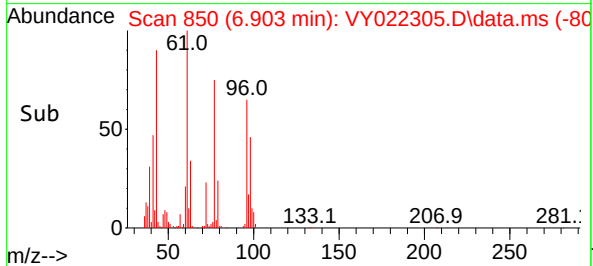
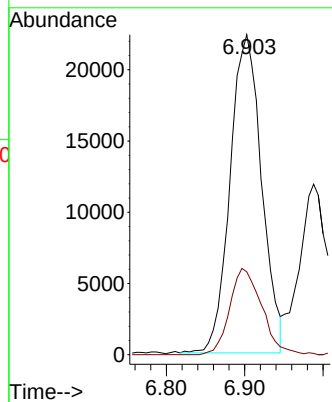
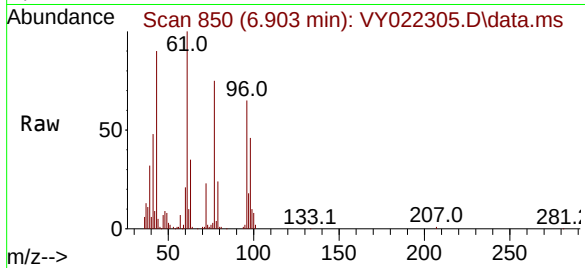




#25
2-Butanone
Concen: 90.946 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

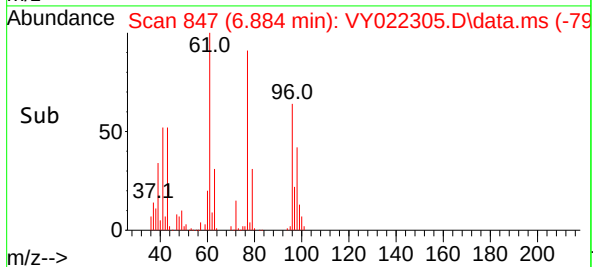
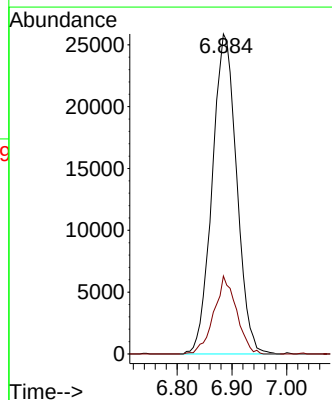
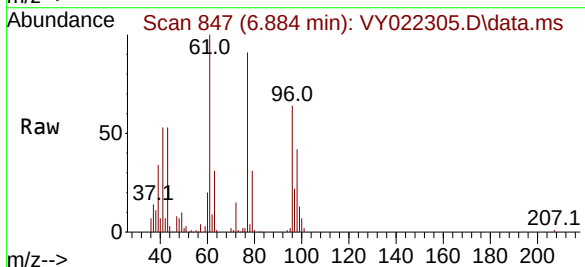
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

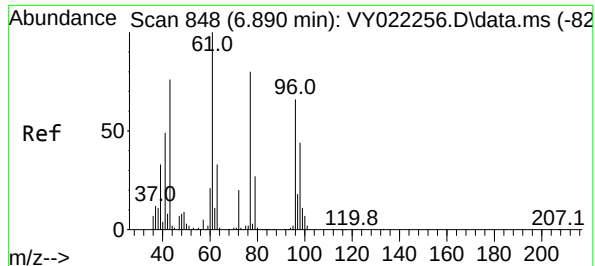
Tgt Ion: 43 Resp: 62462
Ion Ratio Lower Upper
43 100
72 26.0 22.1 33.1



#26
2,2-Dichloropropane
Concen: 20.342 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 77 Resp: 80218
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.541 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

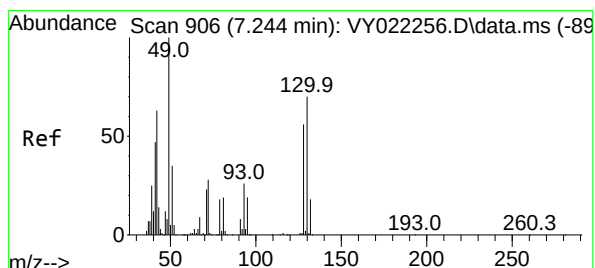
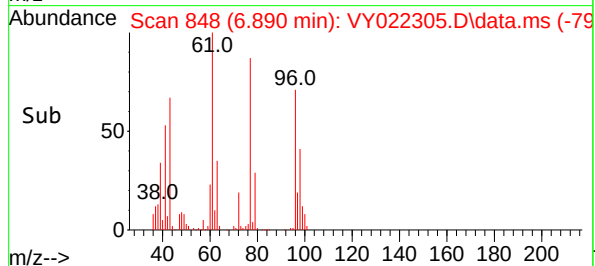
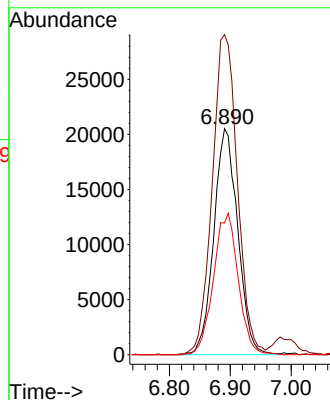
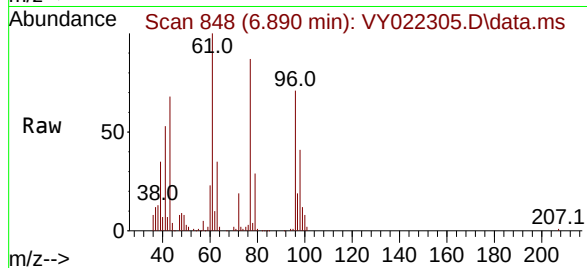
Tgt Ion: 96 Resp: 56075

Ion Ratio Lower Upper

96 100

61 148.5 0.0 302.6

98 64.6 0.0 128.8



#28

Bromochloromethane

Concen: 19.768 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

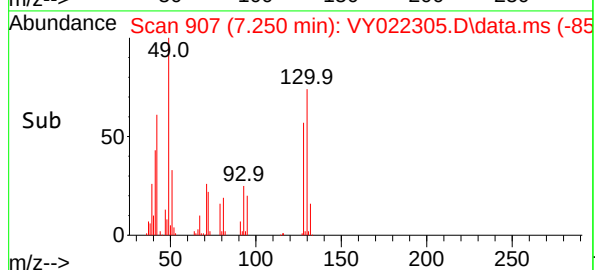
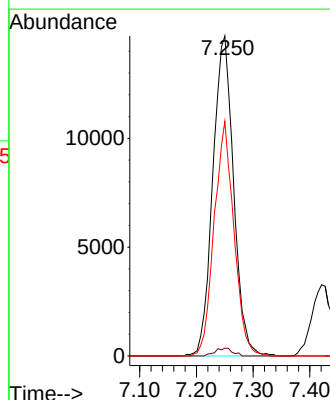
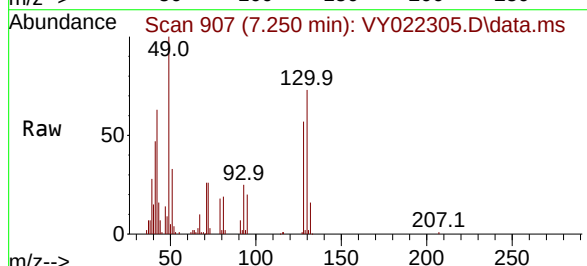
Tgt Ion: 49 Resp: 37383

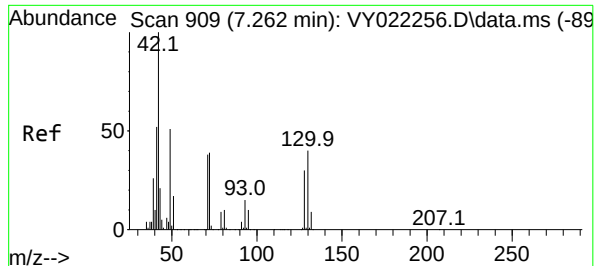
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 69.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 98.831 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

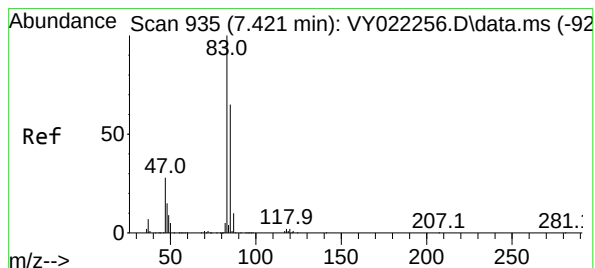
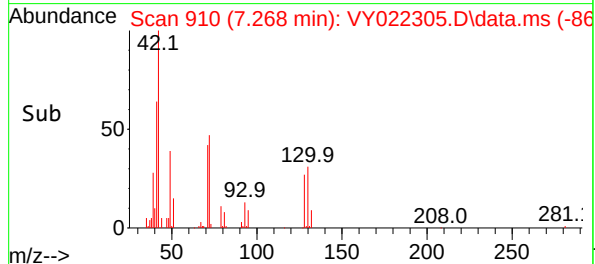
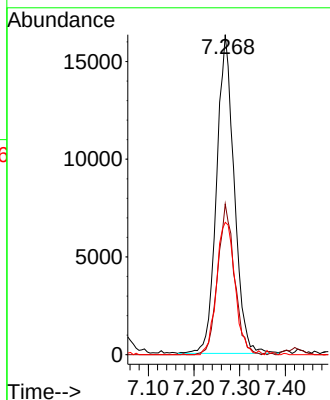
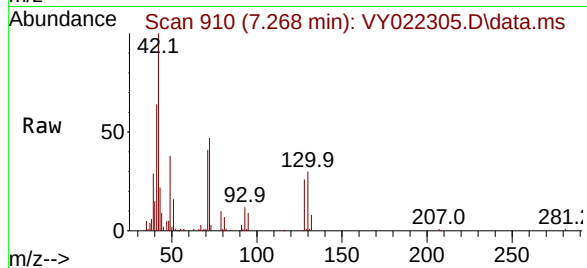
Tgt Ion: 42 Resp: 43669

Ion Ratio Lower Upper

42 100

72 45.0 33.8 50.6

71 43.5 31.5 47.3



#30

Chloroform

Concen: 20.936 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY022305.D

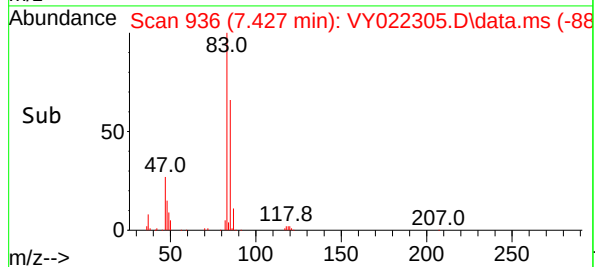
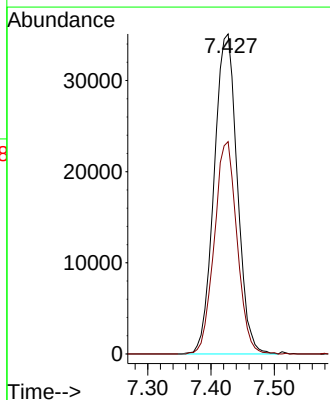
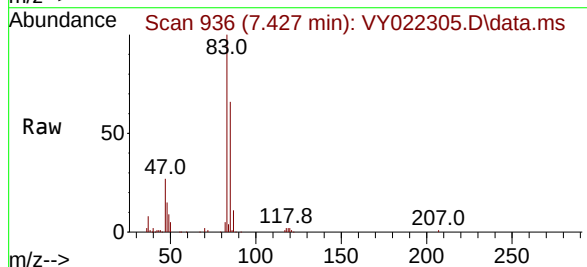
Acq: 19 May 2025 09:36

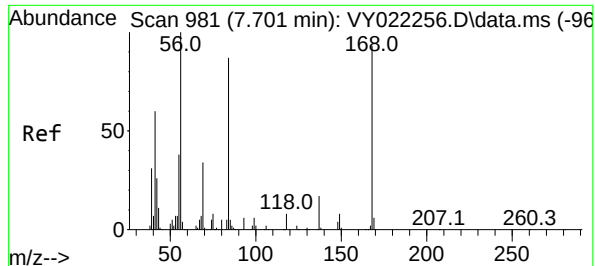
Tgt Ion: 83 Resp: 89033

Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.8





#31

Cyclohexane

Concen: 20.365 ug/l

RT: 7.707 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

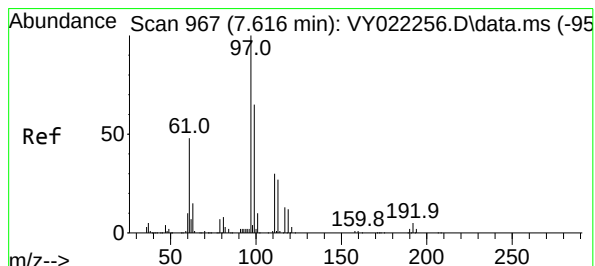
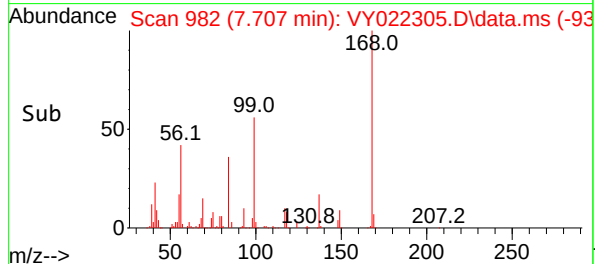
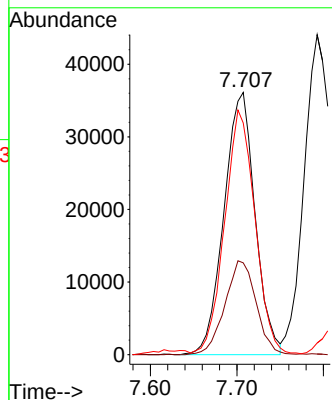
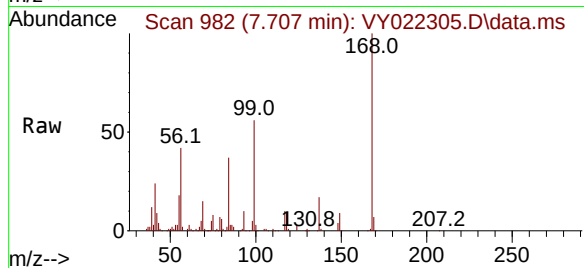
Tgt Ion: 56 Resp: 90210

Ion Ratio Lower Upper

56 100

69 35.0 27.4 41.2

84 86.7 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 21.233 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

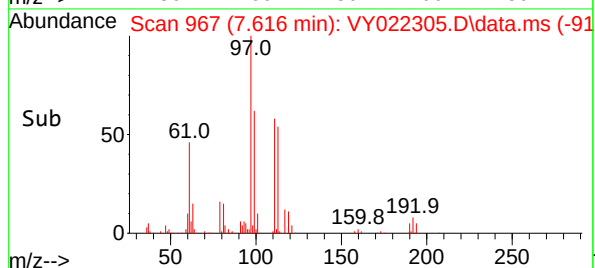
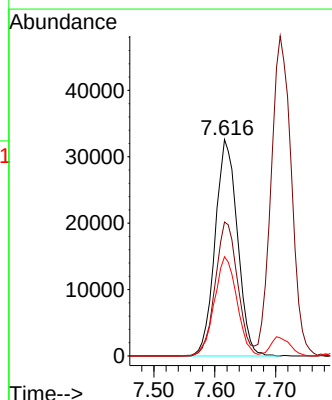
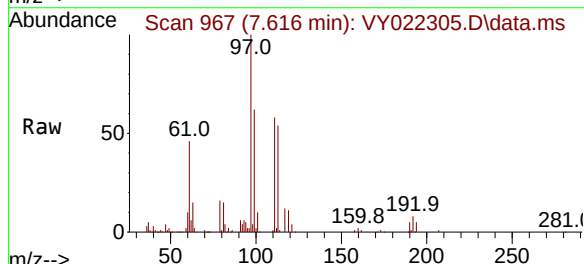
Tgt Ion: 97 Resp: 82841

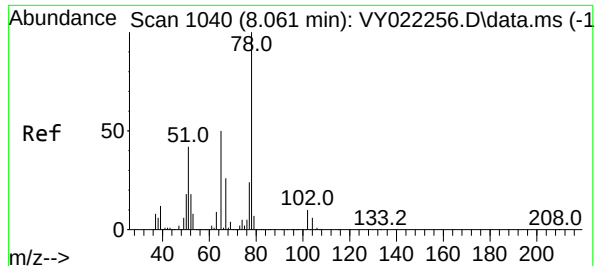
Ion Ratio Lower Upper

97 100

99 62.0 51.4 77.0

61 46.4 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.315 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

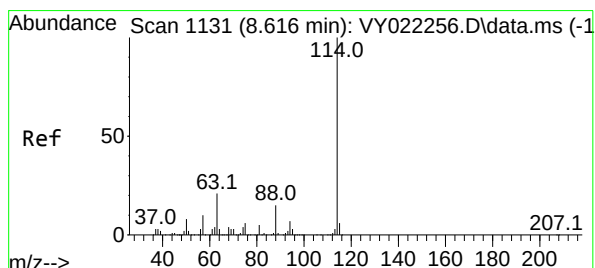
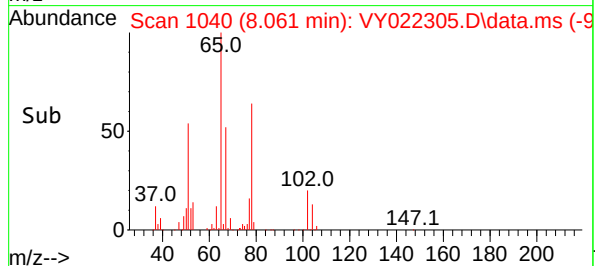
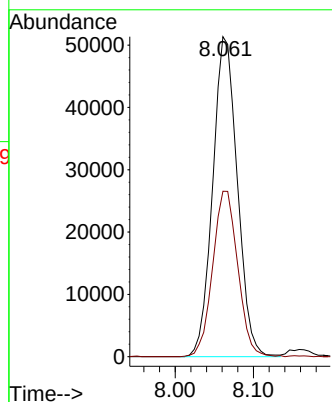
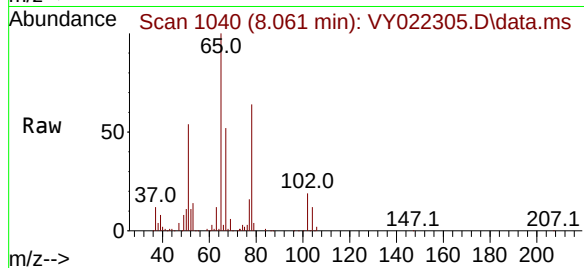
VY0519SBS01

Tgt Ion: 65 Resp: 112366

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

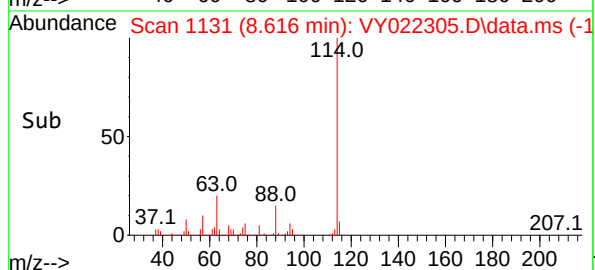
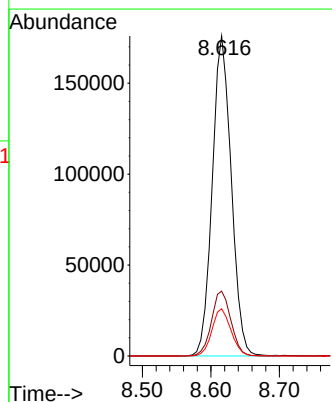
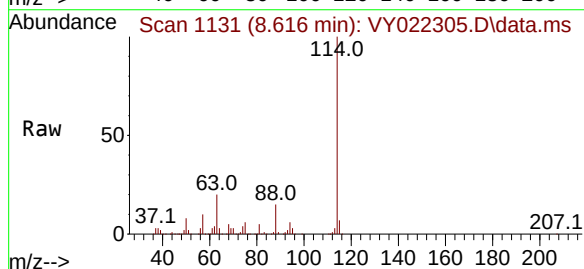
Tgt Ion: 114 Resp: 338060

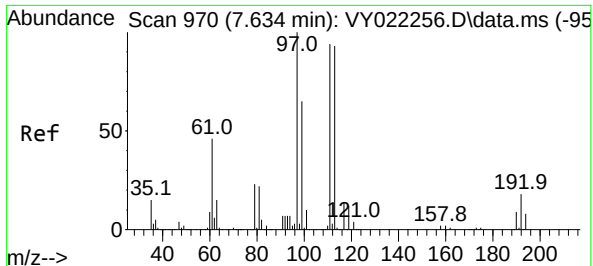
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

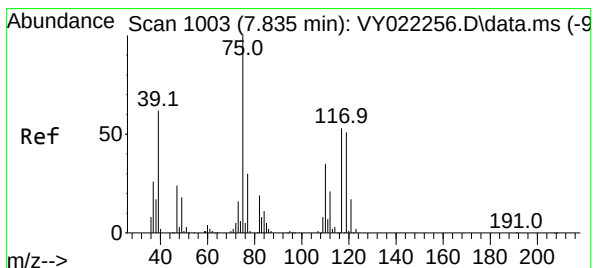
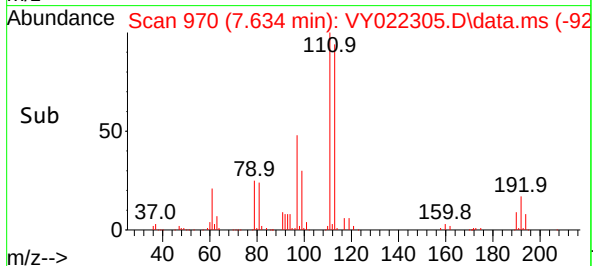
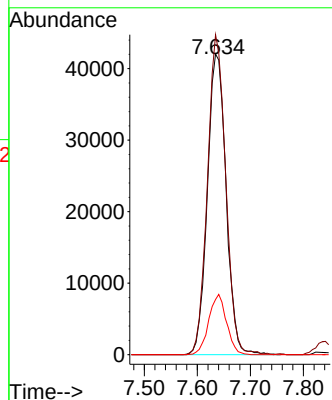
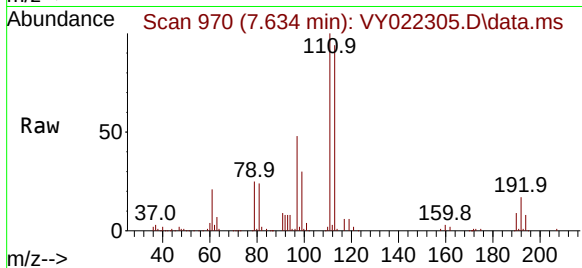
Tgt Ion:113 Resp: 103010

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 19.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.214 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

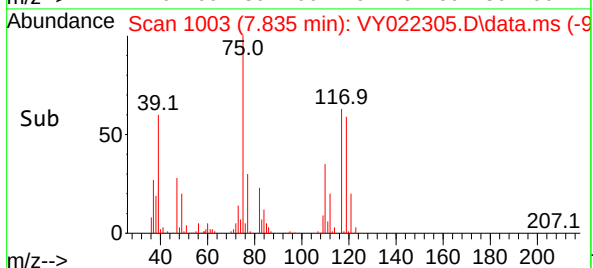
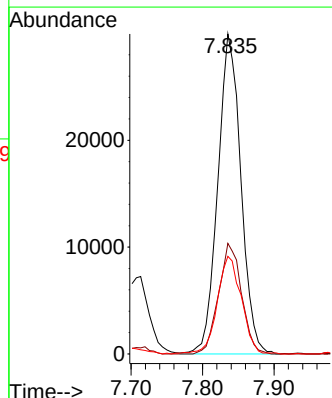
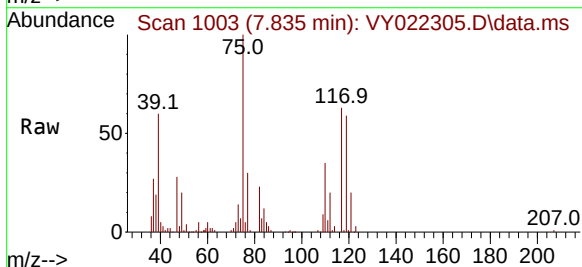
Tgt Ion: 75 Resp: 67180

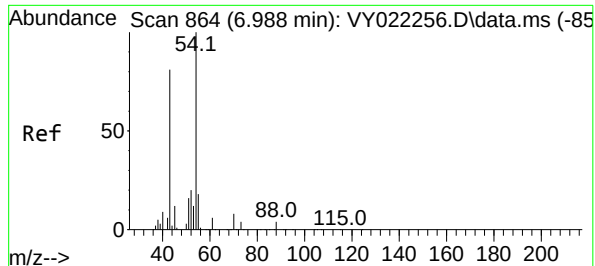
Ion Ratio Lower Upper

75 100

110 34.3 16.6 49.8

77 31.9 24.6 37.0





#37

Ethyl Acetate

Concen: 19.593 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

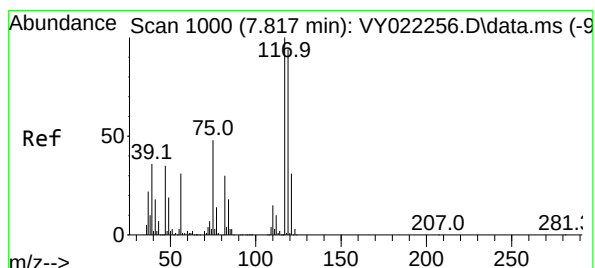
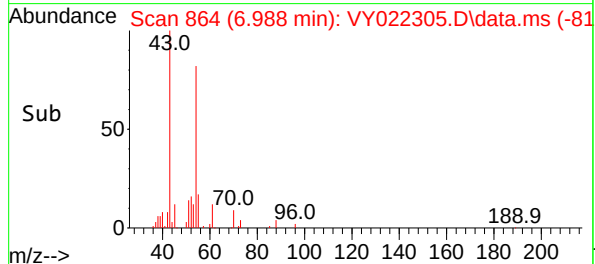
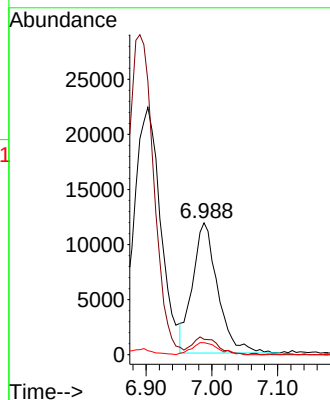
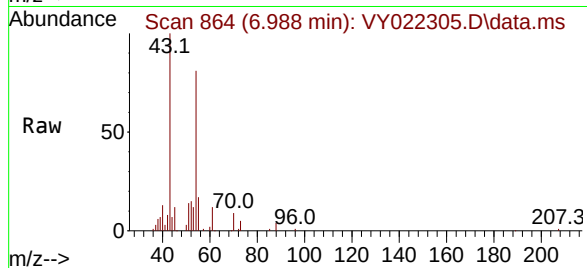
Tgt Ion: 43 Resp: 31330

Ion Ratio Lower Upper

43 100

61 13.4 10.2 15.2

70 9.8 7.6 11.4



#38

Carbon Tetrachloride

Concen: 20.669 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

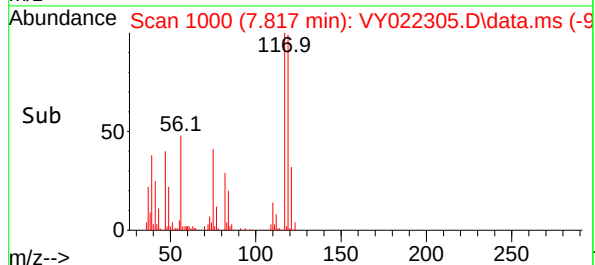
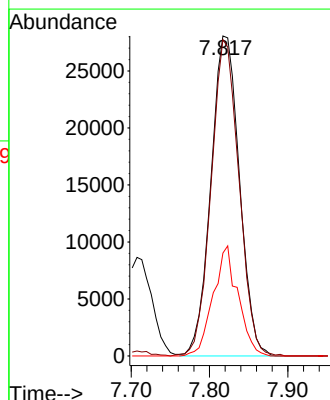
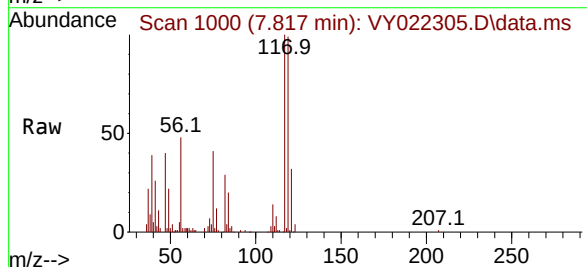
Tgt Ion: 117 Resp: 71104

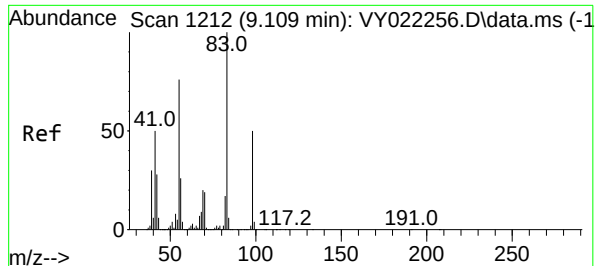
Ion Ratio Lower Upper

117 100

119 98.3 75.3 112.9

121 32.1 24.7 37.1





#39

Methylcyclohexane

Concen: 20.711 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

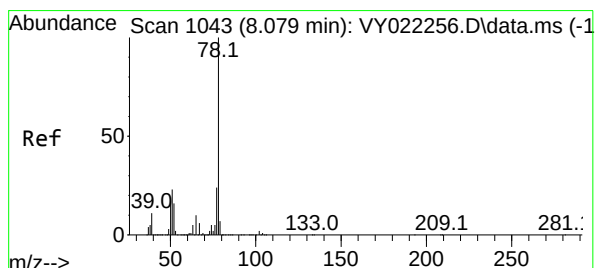
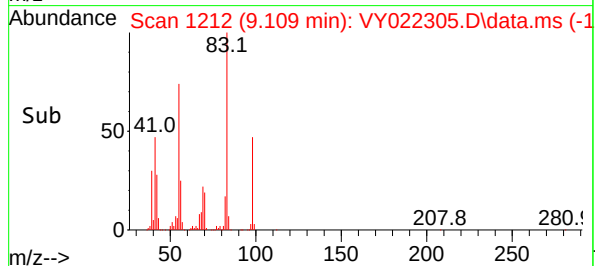
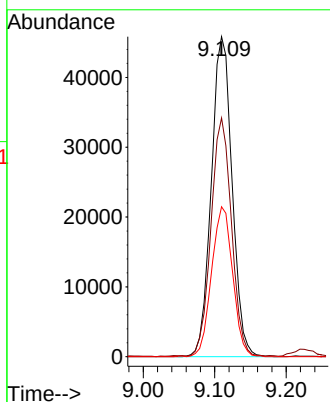
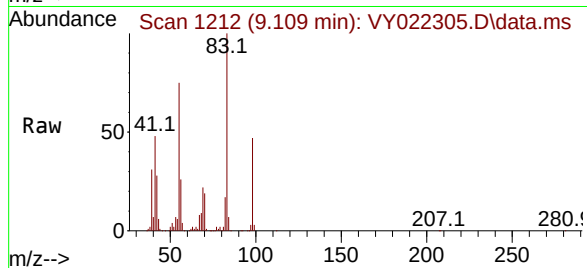
Tgt Ion: 83 Resp: 92475

Ion Ratio Lower Upper

83 100

55 74.4 60.6 90.8

98 46.8 40.0 60.0



#40

Benzene

Concen: 20.171 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022305.D

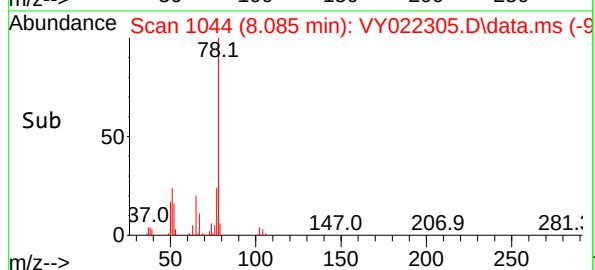
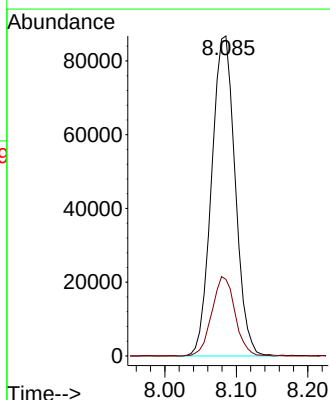
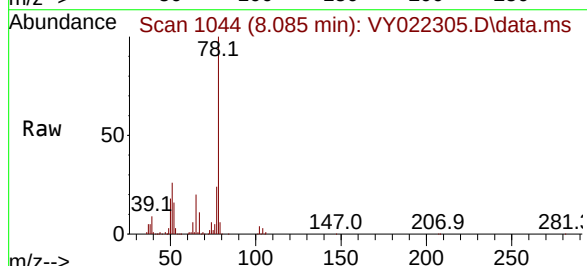
Acq: 19 May 2025 09:36

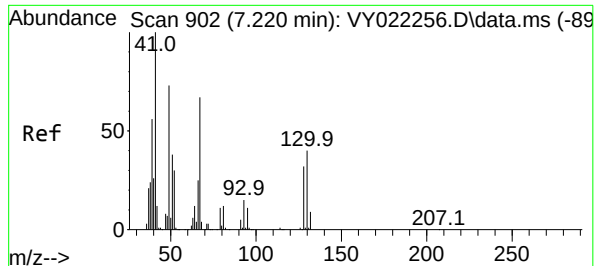
Tgt Ion: 78 Resp: 198734

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3





#41

Methacrylonitrile

Concen: 15.483 ug/l

RT: 7.226 min Scan# 902

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

Tgt Ion: 41 Resp: 16423

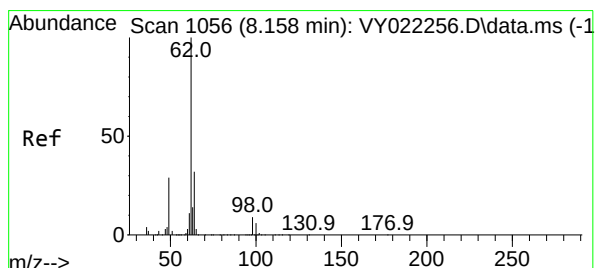
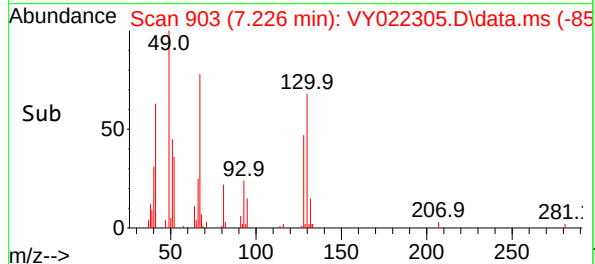
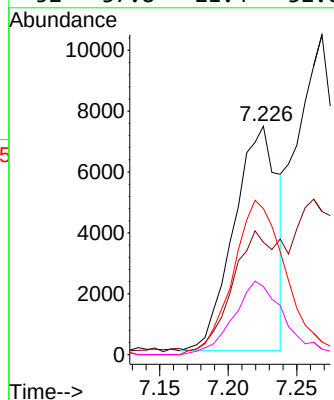
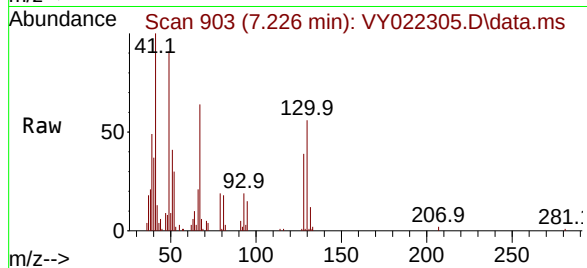
Ion Ratio Lower Upper

41 100

39 48.0 39.1 58.7

67 82.8 47.1 70.7#

52 37.8 21.4 32.0#



#42

1,2-Dichloroethane

Concen: 20.314 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VY022305.D

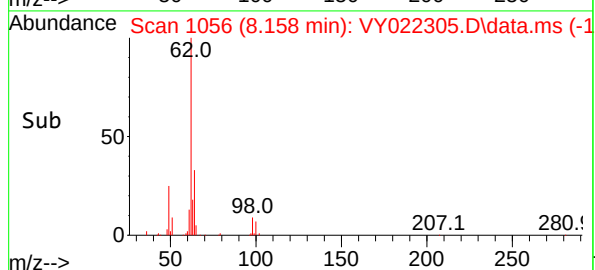
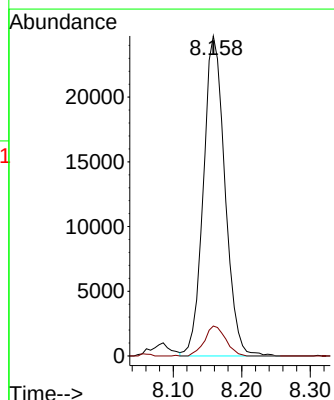
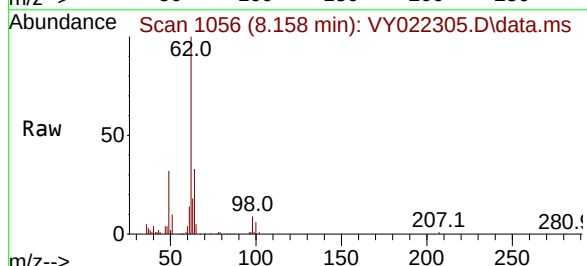
Acq: 19 May 2025 09:36

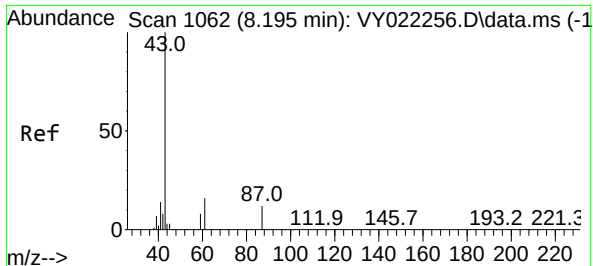
Tgt Ion: 62 Resp: 54124

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.272 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

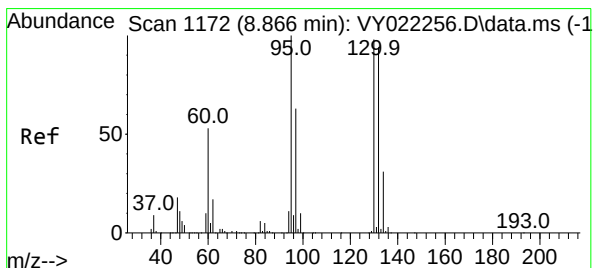
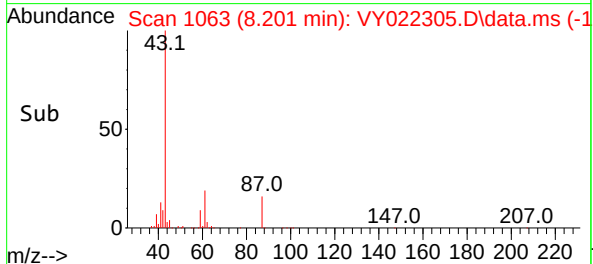
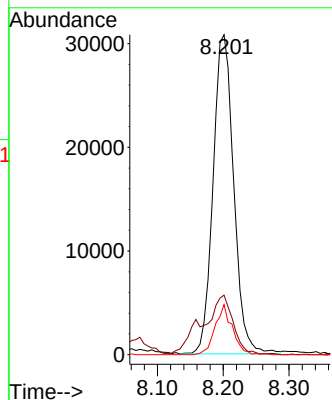
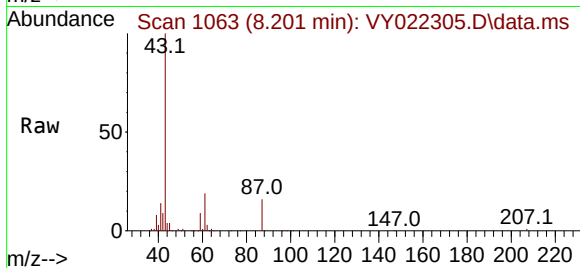
Tgt Ion: 43 Resp: 67210

Ion Ratio Lower Upper

43 100

61 18.8 15.1 22.7

87 13.2 9.7 14.5



#44

Trichloroethene

Concen: 20.408 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022305.D

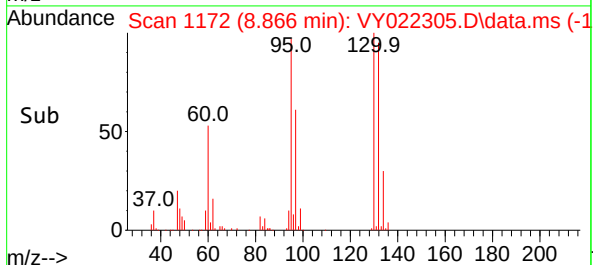
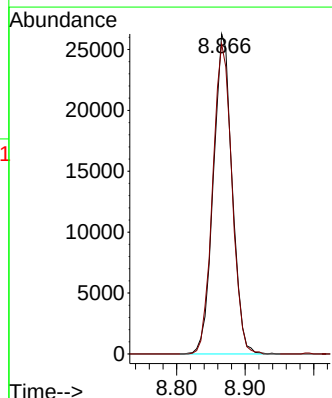
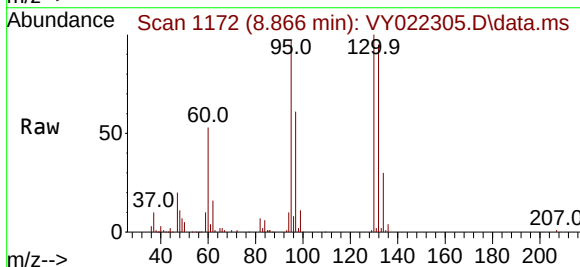
Acq: 19 May 2025 09:36

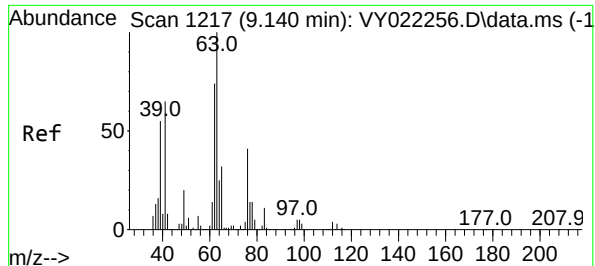
Tgt Ion:130 Resp: 49995

Ion Ratio Lower Upper

130 100

95 96.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.831 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

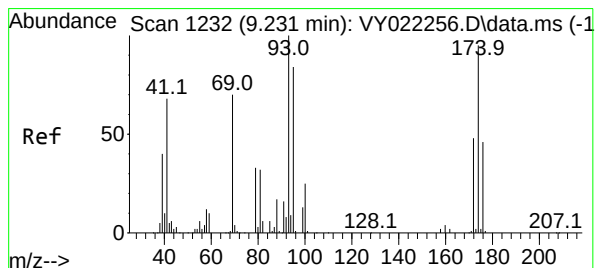
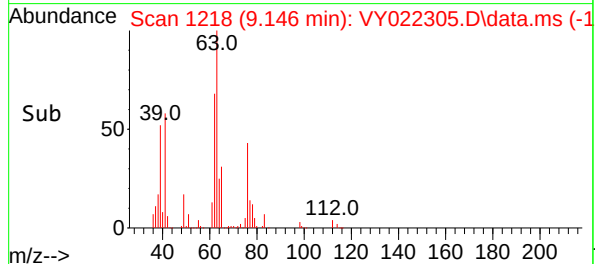
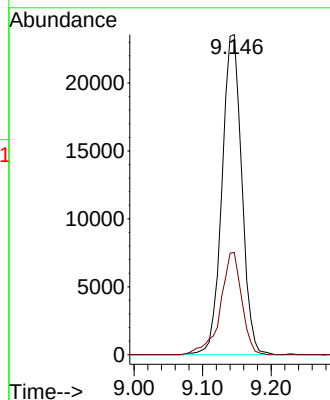
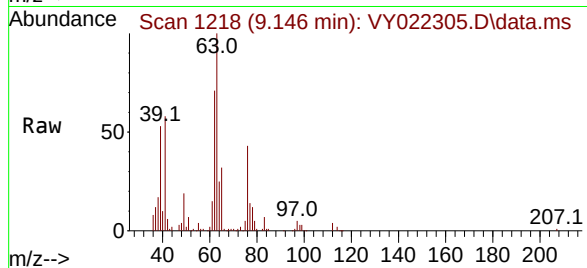
VY0519SBS01

Tgt Ion: 63 Resp: 47105

Ion Ratio Lower Upper

63 100

65 32.0 25.7 38.5



#46

Dibromomethane

Concen: 20.339 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

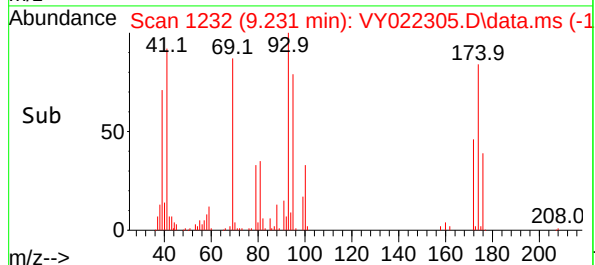
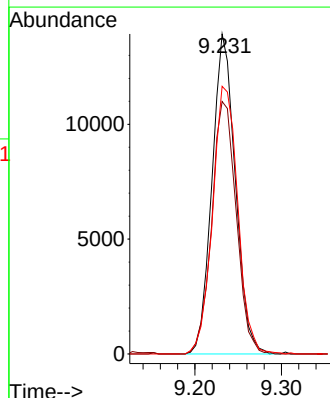
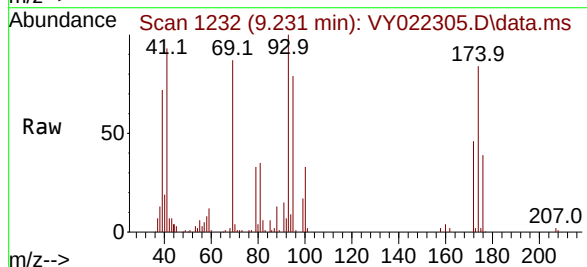
Tgt Ion: 93 Resp: 26057

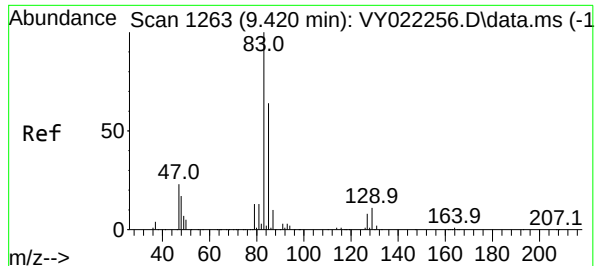
Ion Ratio Lower Upper

93 100

95 83.1 65.2 97.8

174 90.4 74.3 111.5





#47

Bromodichloromethane

Concen: 20.302 ug/l

RT: 9.427 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

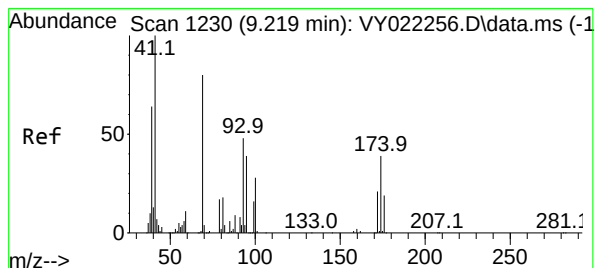
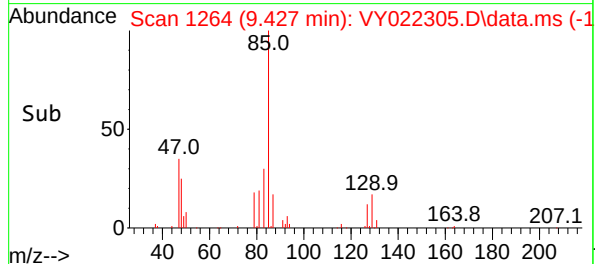
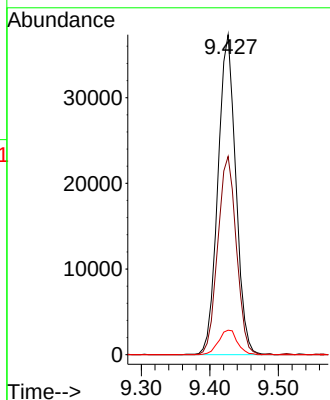
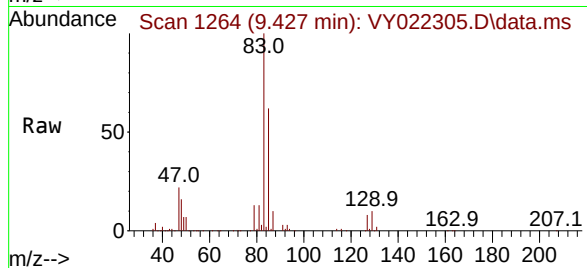
Tgt Ion: 83 Resp: 67475

Ion Ratio Lower Upper

83 100

85 61.9 51.1 76.7

127 7.6 6.6 10.0



#48

Methyl methacrylate

Concen: 19.112 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

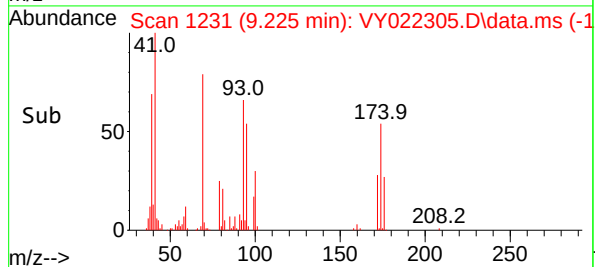
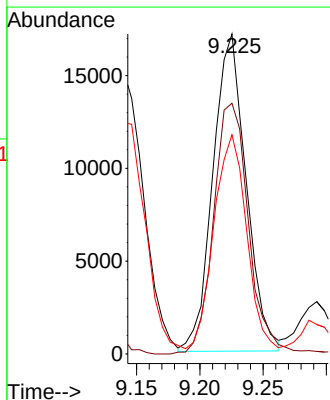
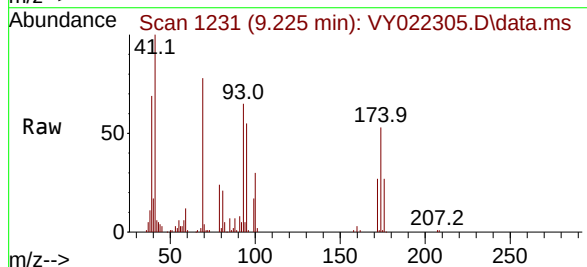
Tgt Ion: 41 Resp: 31170

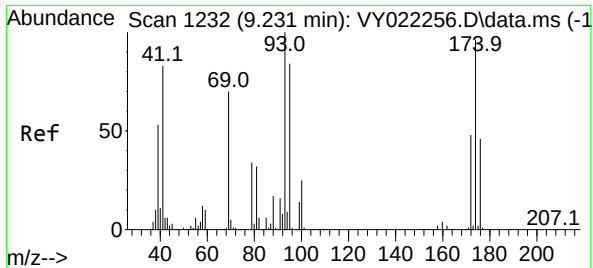
Ion Ratio Lower Upper

41 100

69 83.7 63.5 95.3

39 66.1 50.8 76.2





#49

1,4-Dioxane

Concen: 376.764 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

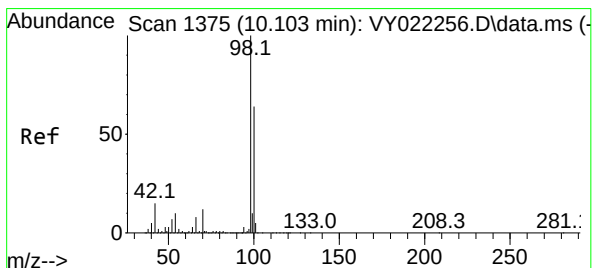
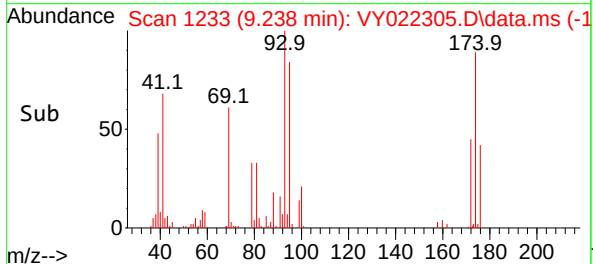
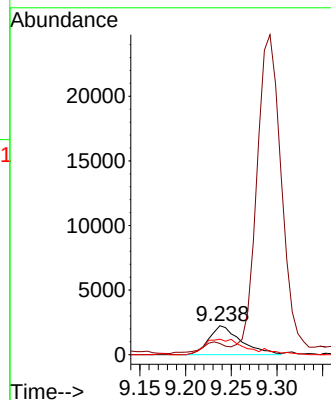
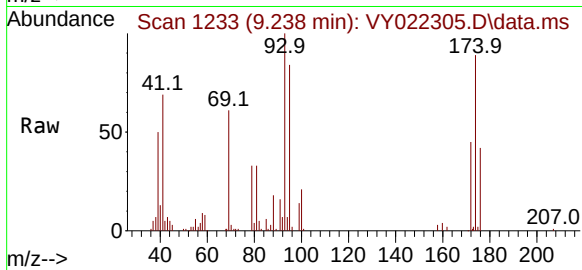
Tgt Ion: 88 Resp: 5453

Ion Ratio Lower Upper

88 100

43 31.9 28.5 42.7

58 62.2 61.4 92.2



#50

Toluene-d8

Concen: 51.074 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022305.D

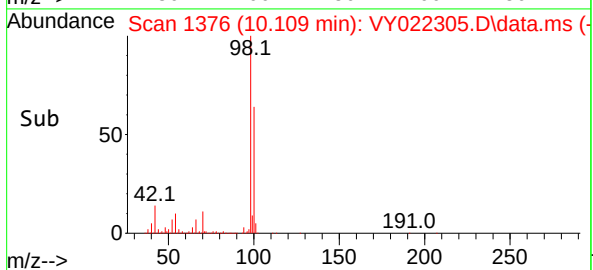
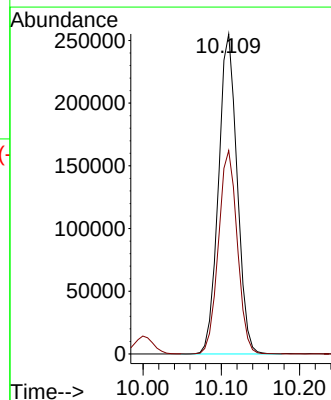
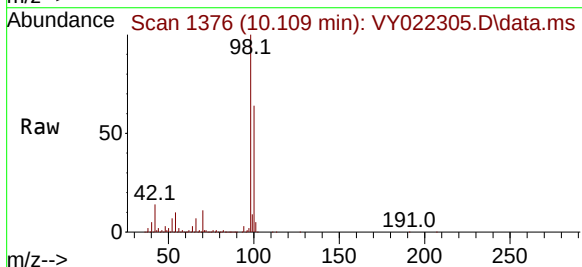
Acq: 19 May 2025 09:36

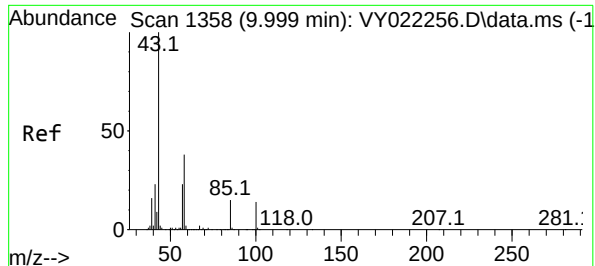
Tgt Ion: 98 Resp: 422064

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 95.823 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

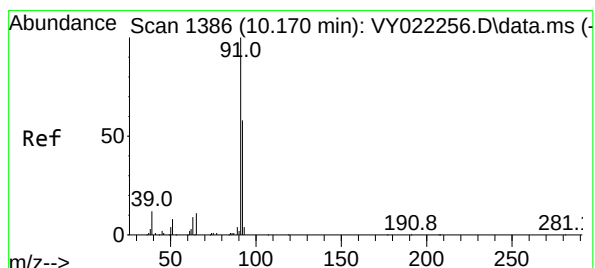
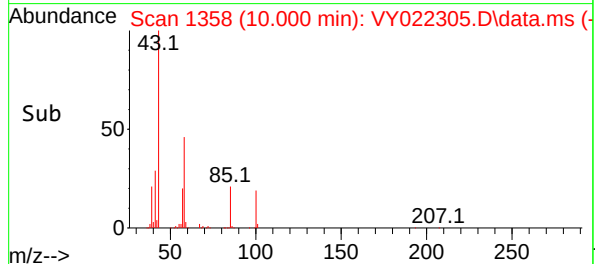
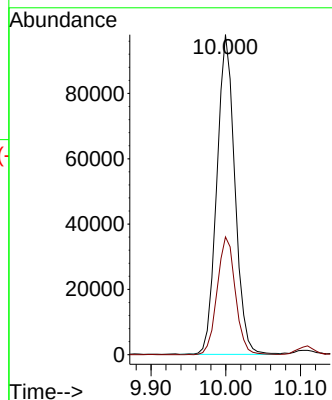
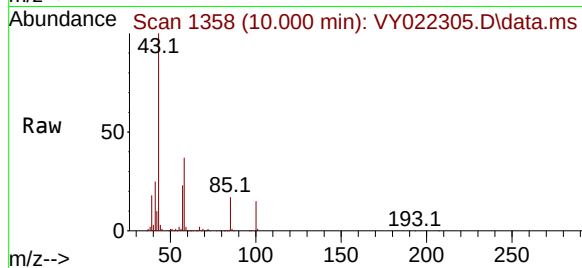
VY0519SBS01

Tgt Ion: 43 Resp: 163969

Ion Ratio Lower Upper

43 100

58 37.3 29.4 44.2



#52

Toluene

Concen: 19.923 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022305.D

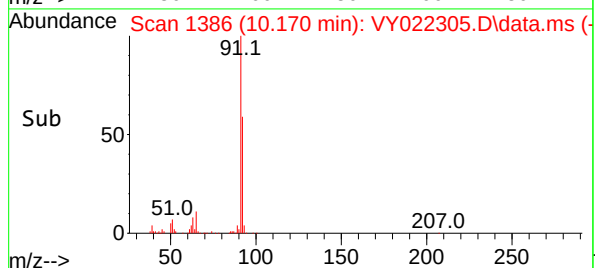
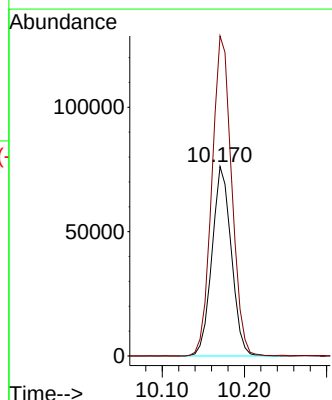
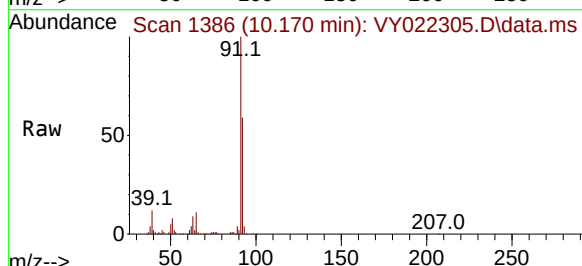
Acq: 19 May 2025 09:36

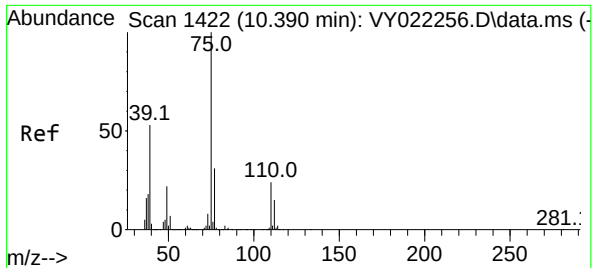
Tgt Ion: 92 Resp: 124296

Ion Ratio Lower Upper

92 100

91 173.2 139.1 208.7

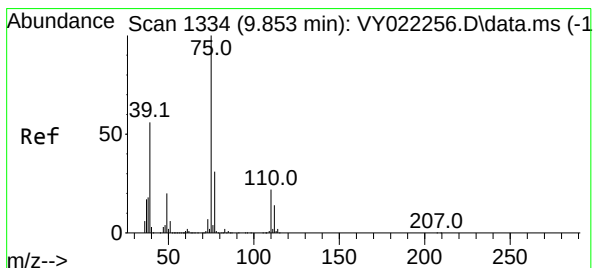
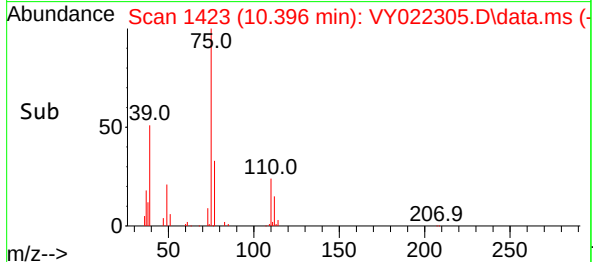
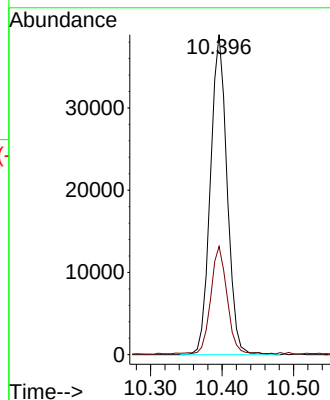
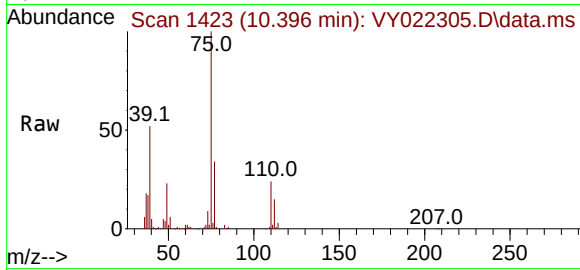




#53
t-1,3-Dichloropropene
Concen: 19.409 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

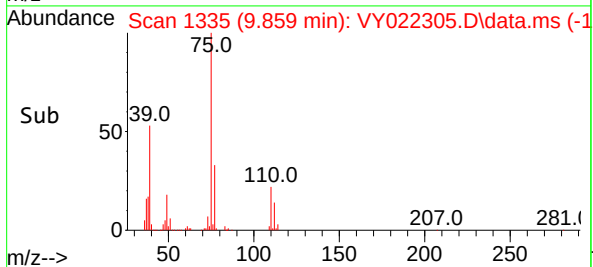
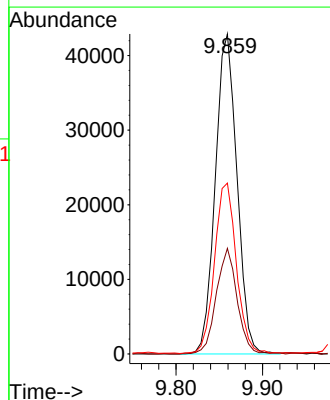
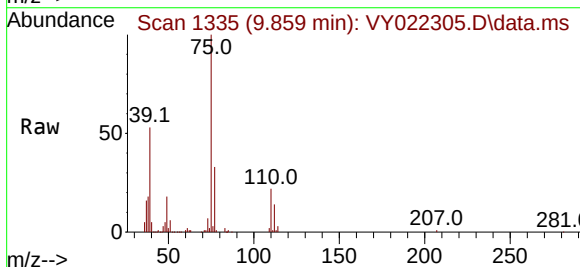
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

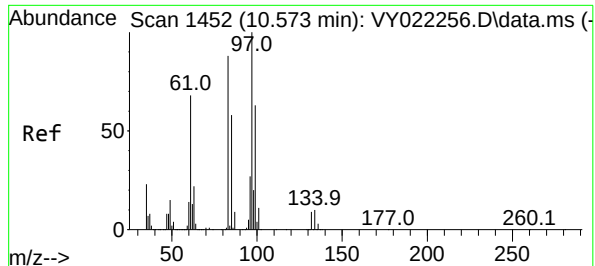
Tgt Ion: 75 Resp: 62956
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.054 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 75 Resp: 74524
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7
39 53.3 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.459 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

Tgt Ion: 97 Resp: 33564

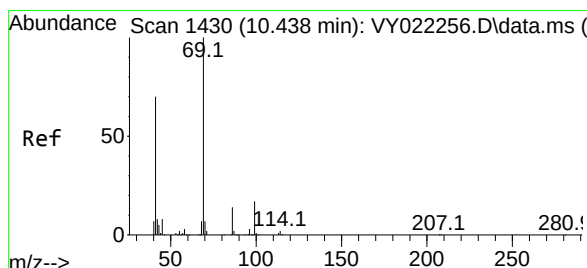
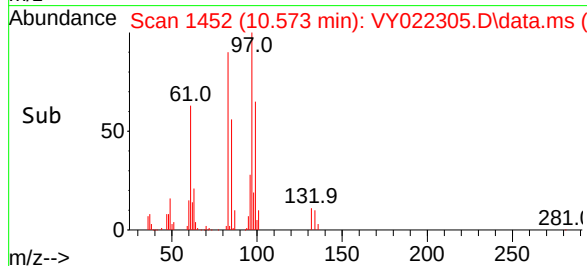
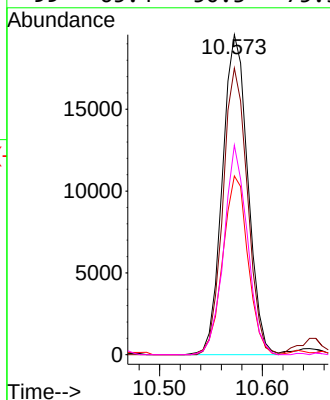
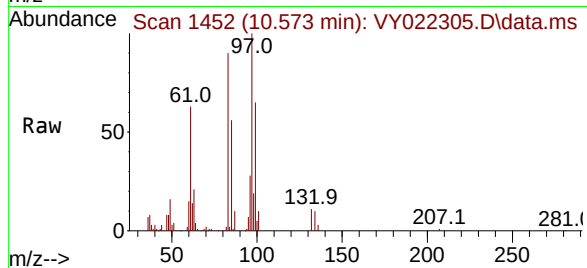
Ion Ratio Lower Upper

97 100

83 89.5 70.3 105.5

85 55.9 46.2 69.4

99 65.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.246 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

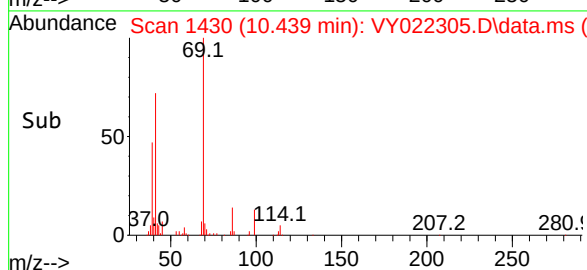
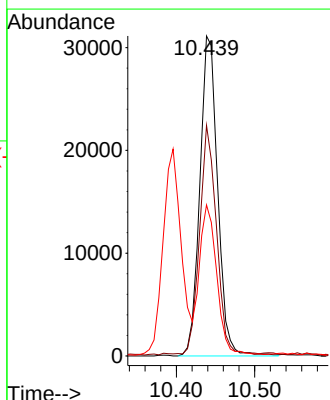
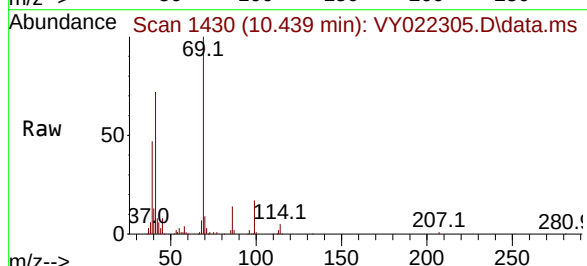
Tgt Ion: 69 Resp: 49183

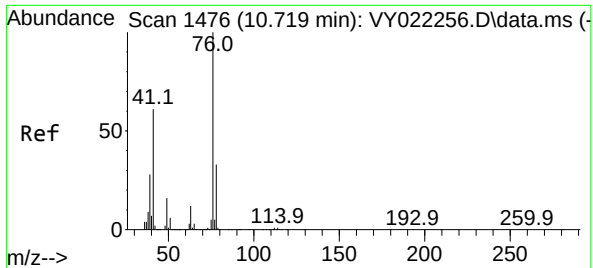
Ion Ratio Lower Upper

69 100

41 66.9 56.5 84.7

39 45.1 37.1 55.7

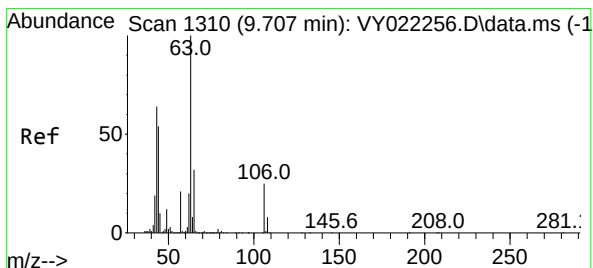
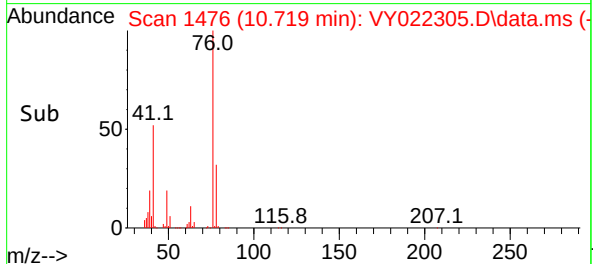
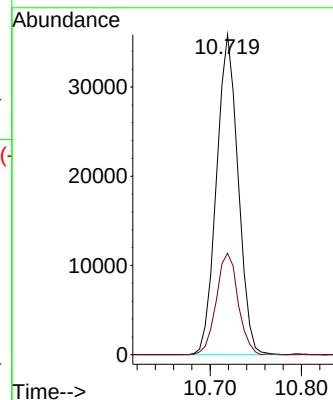
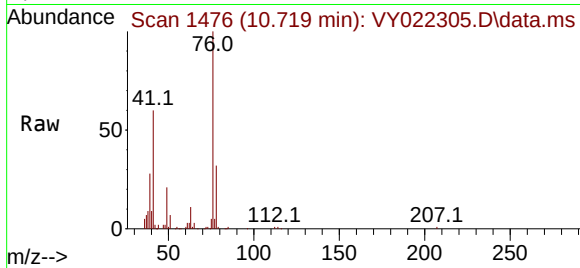




#57
1,3-Dichloropropane
Concen: 20.214 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

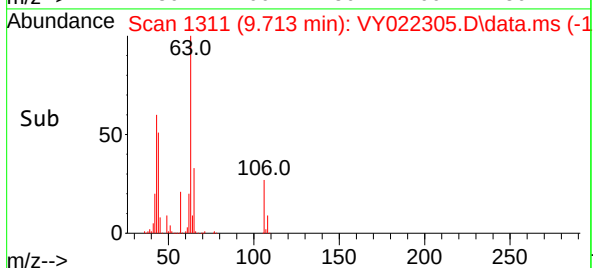
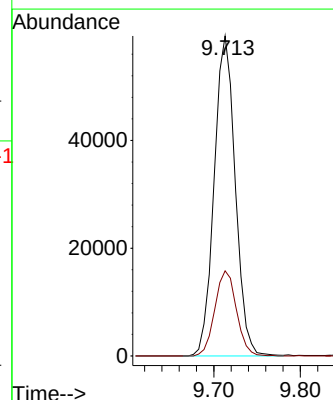
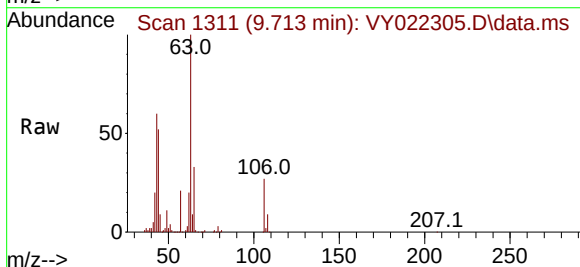
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

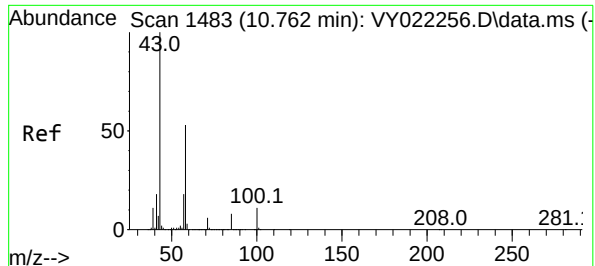
Tgt Ion: 76 Resp: 58922
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 87.625 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 63 Resp: 100509
Ion Ratio Lower Upper
63 100
106 27.2 21.0 31.4





#59

2-Hexanone

Concen: 92.558 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

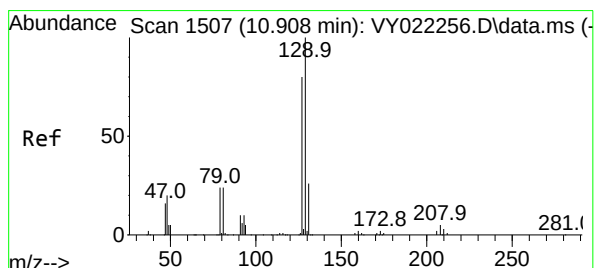
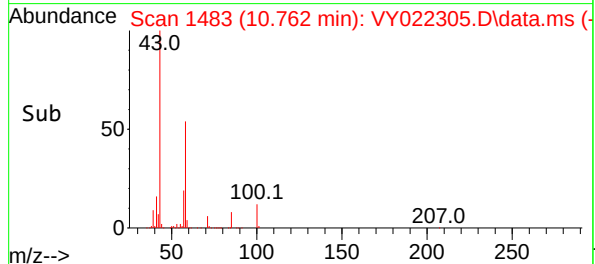
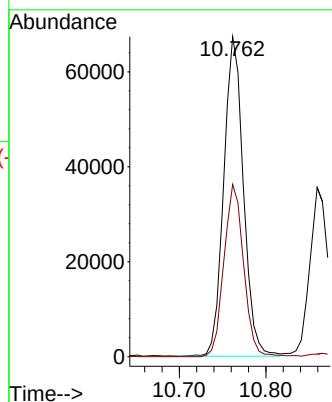
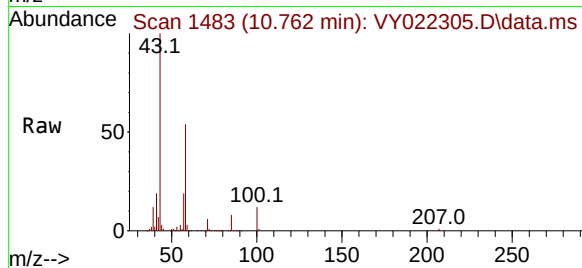
VY0519SBS01

Tgt Ion: 43 Resp: 106193

Ion Ratio Lower Upper

43 100

58 54.0 26.1 78.3



#60

Dibromochloromethane

Concen: 20.275 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY022305.D

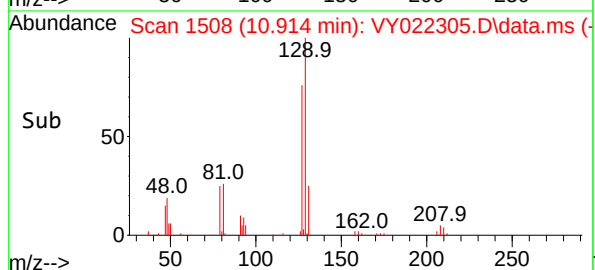
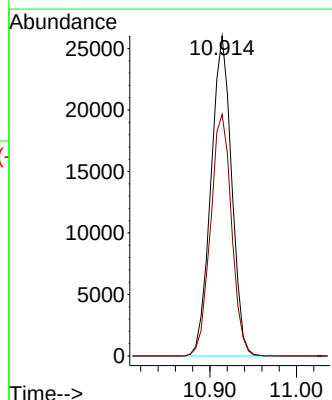
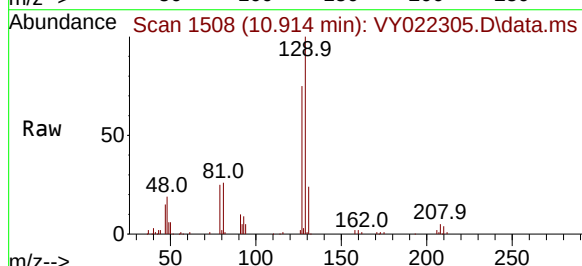
Acq: 19 May 2025 09:36

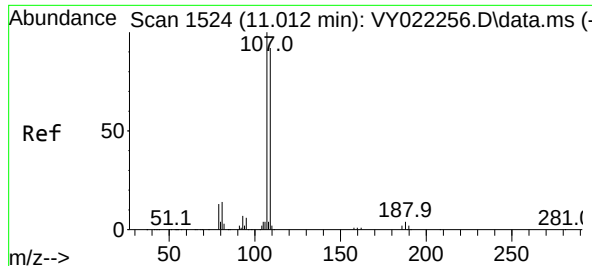
Tgt Ion: 129 Resp: 43173

Ion Ratio Lower Upper

129 100

127 76.6 38.6 115.7

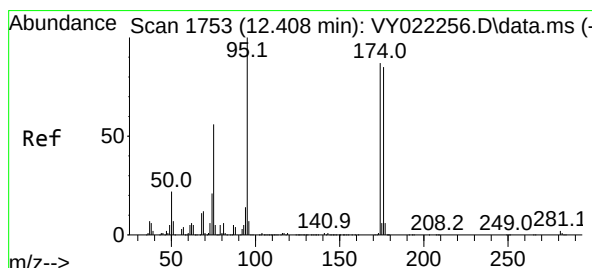
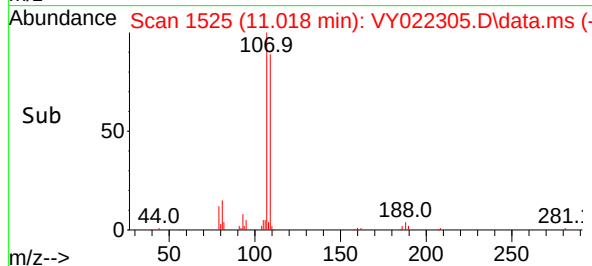
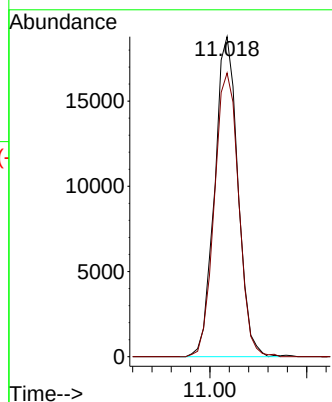
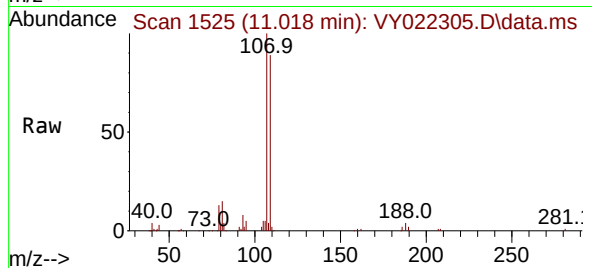




#61
1,2-Dibromoethane
Concen: 20.533 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

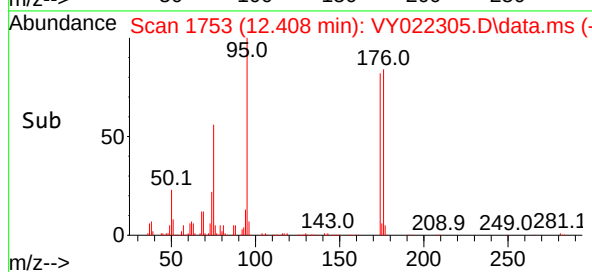
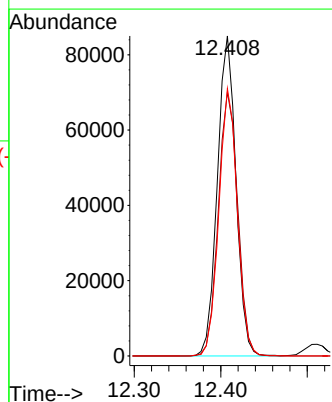
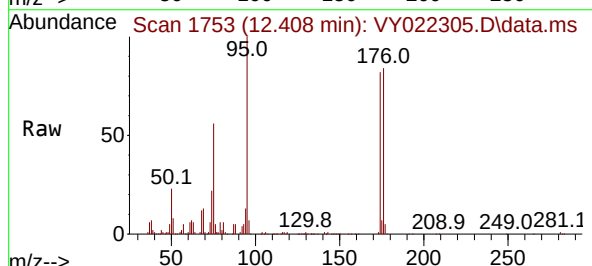
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

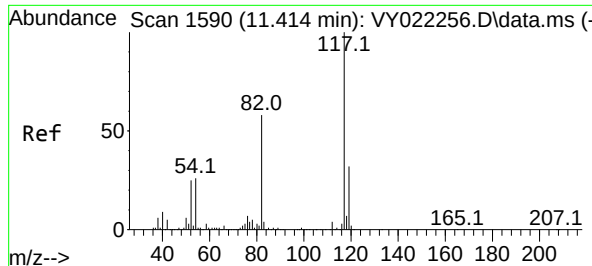
Tgt Ion:107 Resp: 31396
Ion Ratio Lower Upper
107 100
109 92.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.449 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 95 Resp: 126905
Ion Ratio Lower Upper
95 100
174 85.9 0.0 166.8
176 83.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

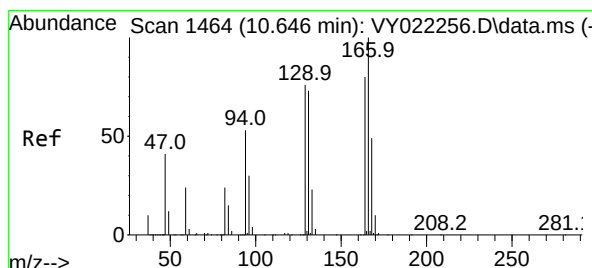
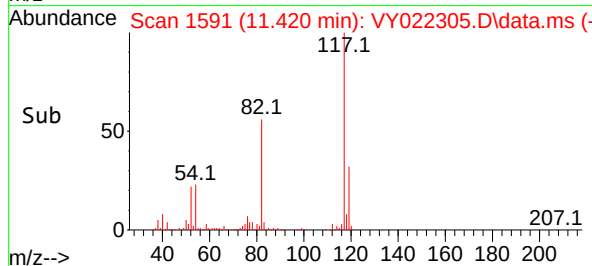
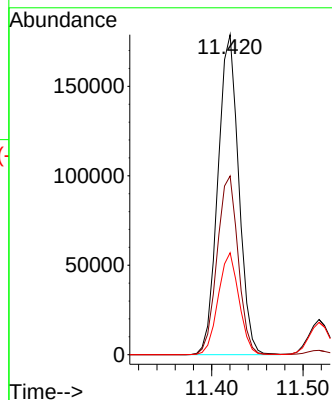
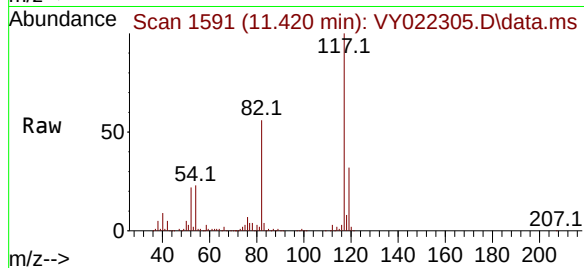
Tgt Ion:117 Resp: 283142

Ion Ratio Lower Upper

117 100

82 55.9 46.6 70.0

119 31.8 25.8 38.6



#64

Tetrachloroethene

Concen: 20.405 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Tgt Ion:164 Resp: 53401

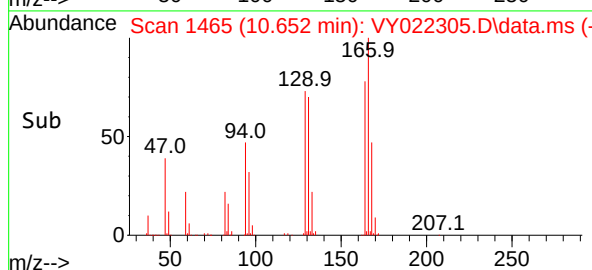
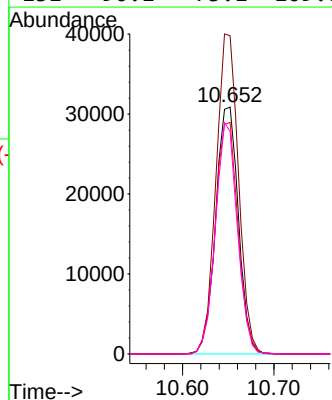
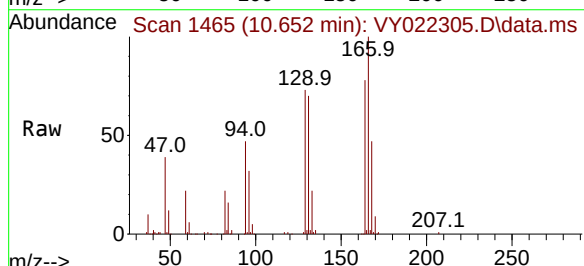
Ion Ratio Lower Upper

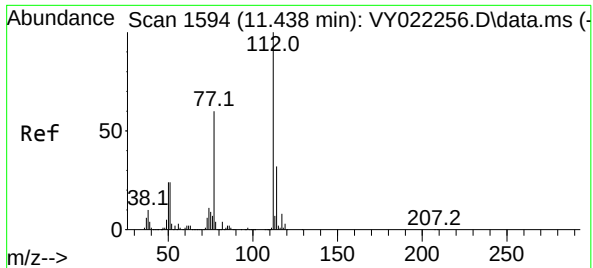
164 100

166 128.9 100.4 150.6

129 93.8 76.4 114.6

131 90.1 73.1 109.7

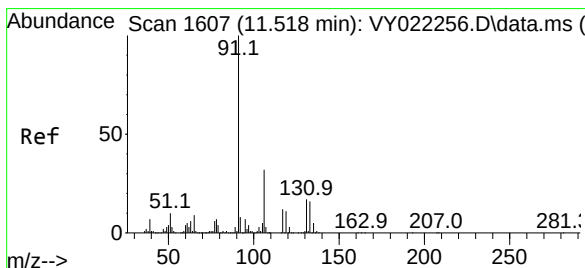
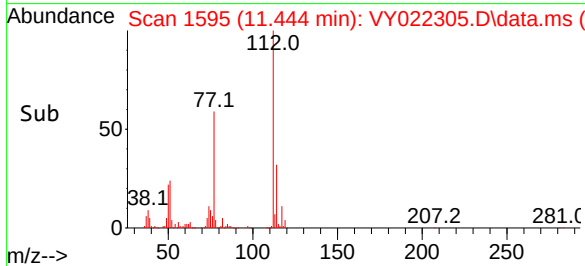
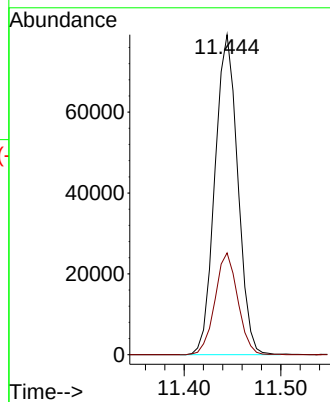
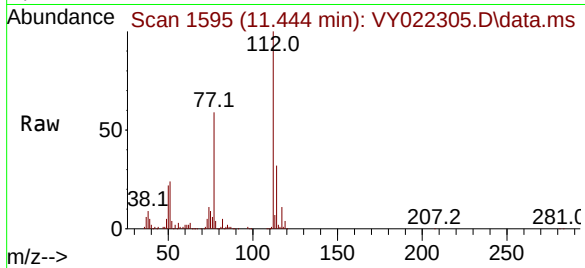




#65
Chlorobenzene
Concen: 20.313 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

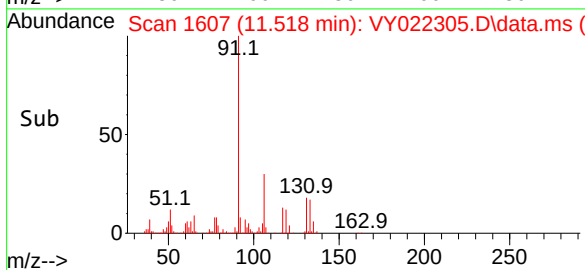
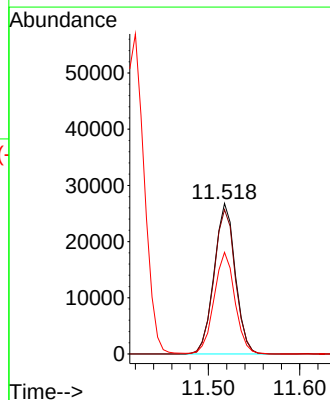
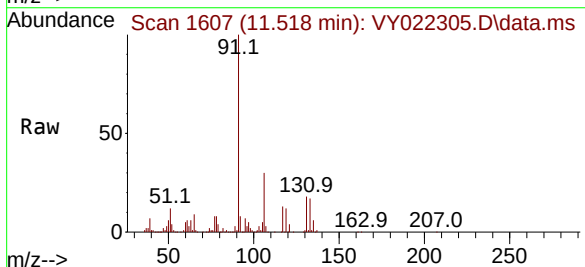
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

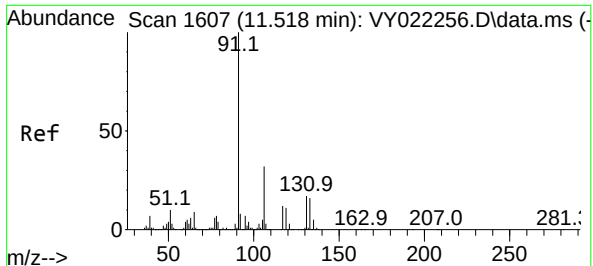
Tgt Ion:112 Resp: 129758
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.614 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion:131 Resp: 43074
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.9
119 66.7 33.1 99.2





#67

Ethyl Benzene

Concen: 19.830 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

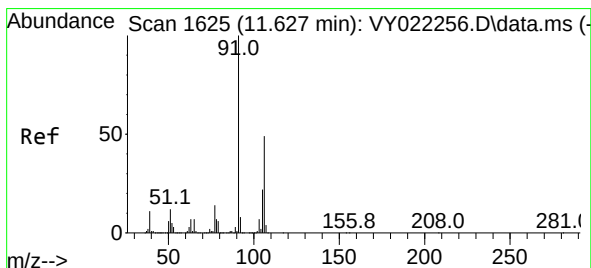
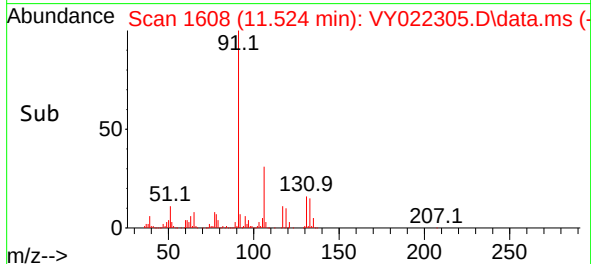
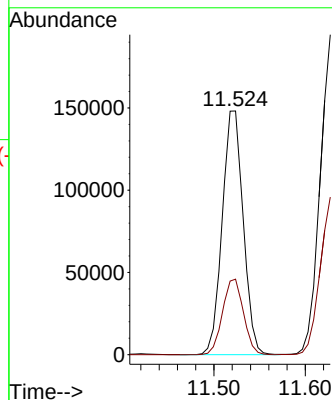
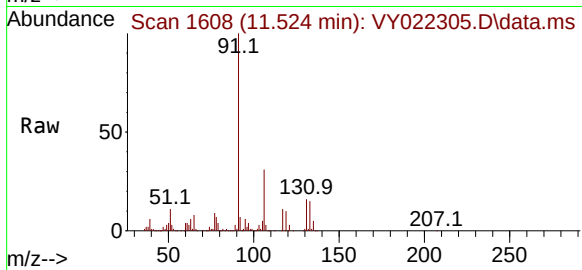
VY0519SBS01

Tgt Ion: 91 Resp: 237230

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0



#68

m/p-Xylenes

Concen: 39.960 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022305.D

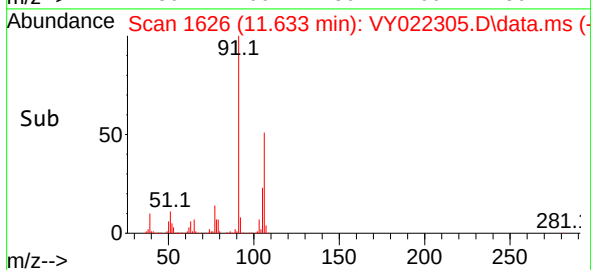
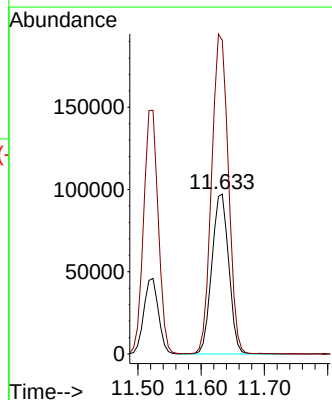
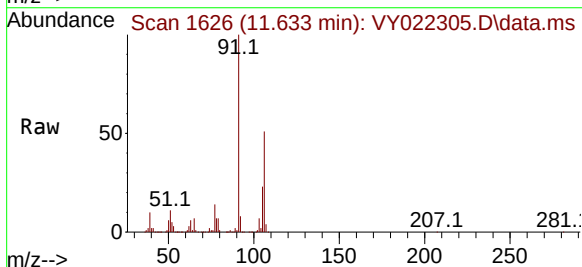
Acq: 19 May 2025 09:36

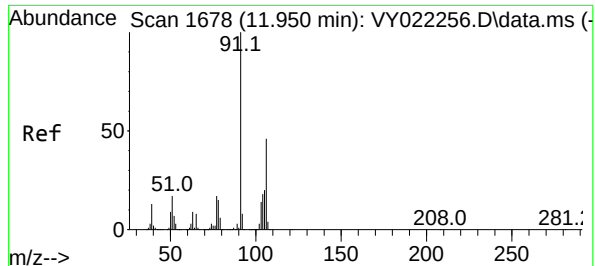
Tgt Ion: 106 Resp: 180140

Ion Ratio Lower Upper

106 100

91 198.1 163.0 244.4





#69

o-Xylene

Concen: 19.581 ug/l

RT: 11.957 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

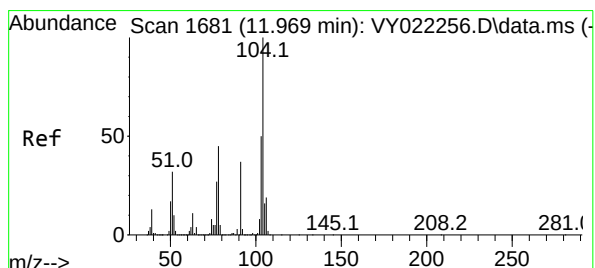
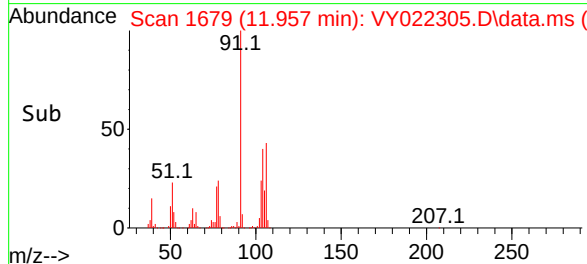
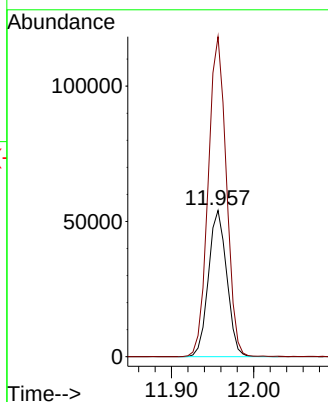
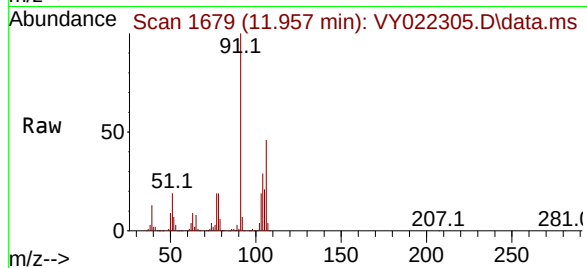
VY0519SBS01

Tgt Ion:106 Resp: 83514

Ion Ratio Lower Upper

106 100

91 217.3 108.3 324.8



#70

Styrene

Concen: 19.587 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

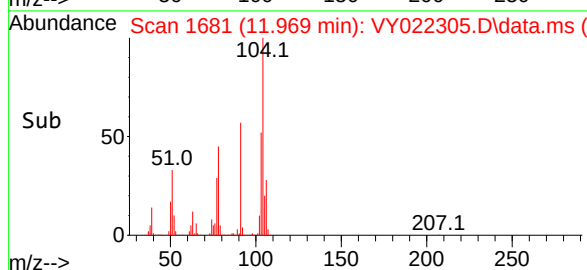
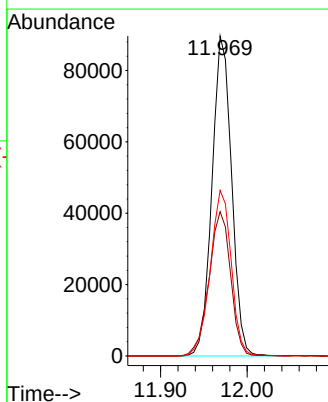
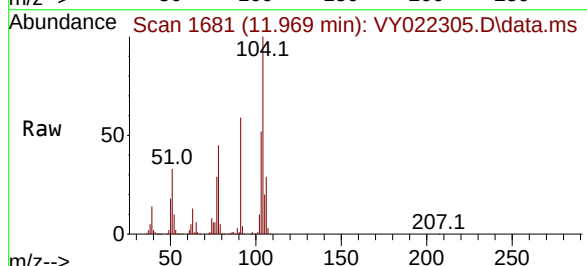
Tgt Ion:104 Resp: 140922

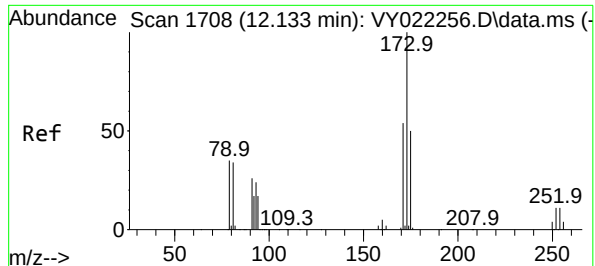
Ion Ratio Lower Upper

104 100

78 49.9 40.9 61.3

103 55.5 43.7 65.5

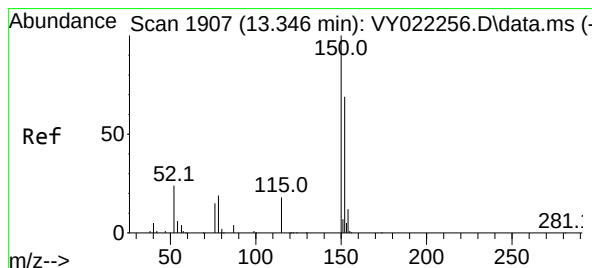
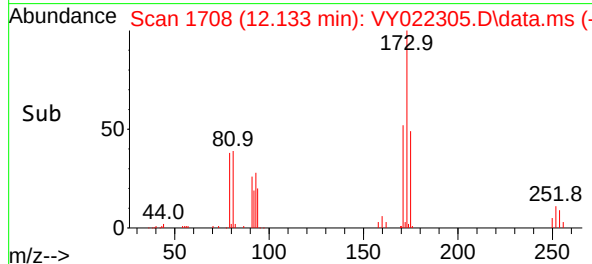
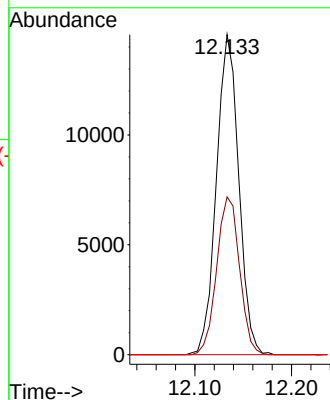
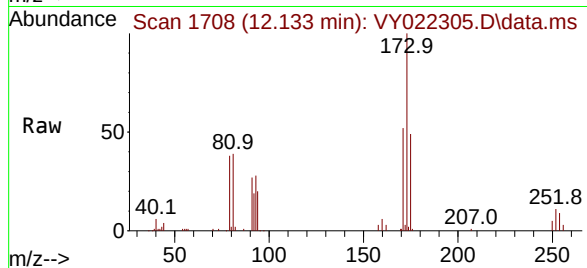




#71
Bromoform
Concen: 19.680 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

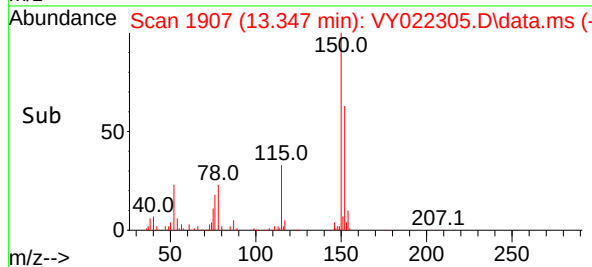
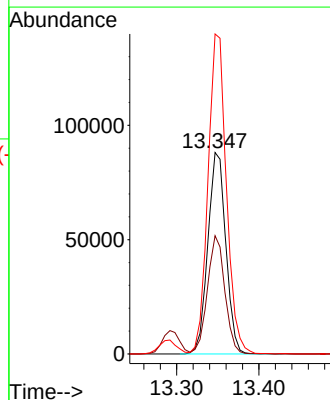
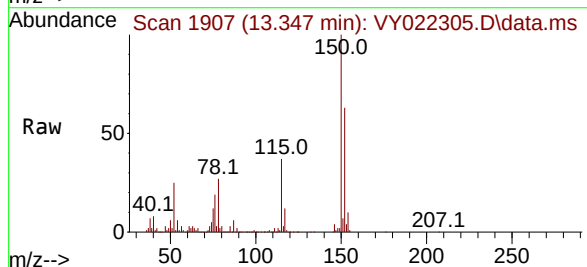
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

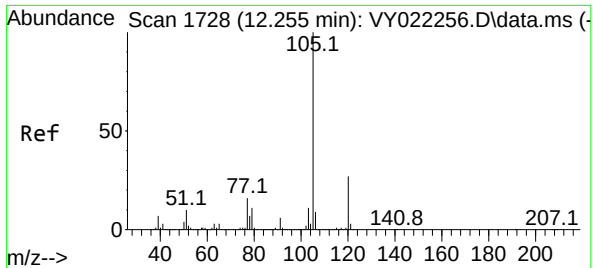
Tgt Ion:173 Resp: 23328
Ion Ratio Lower Upper
173 100
175 50.4 24.7 74.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion:152 Resp: 133674
Ion Ratio Lower Upper
152 100
115 56.7 29.4 88.2
150 162.7 0.0 353.8

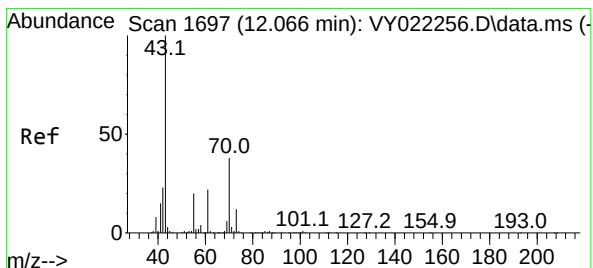
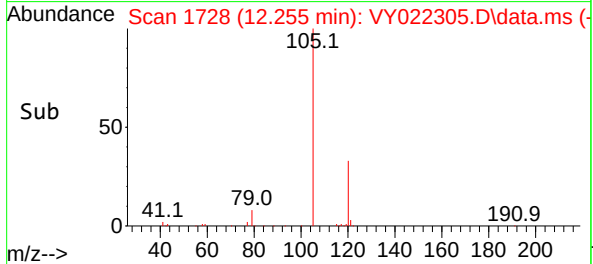
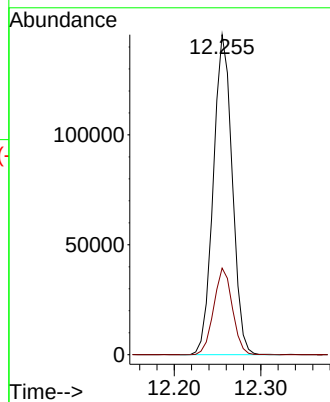
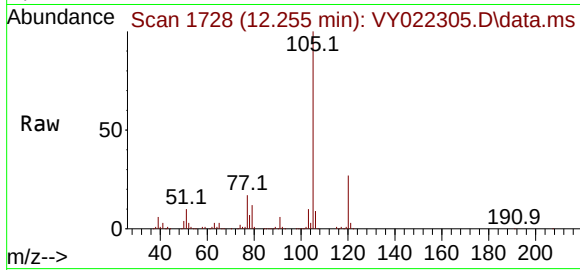




#73
Isopropylbenzene
Concen: 19.935 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

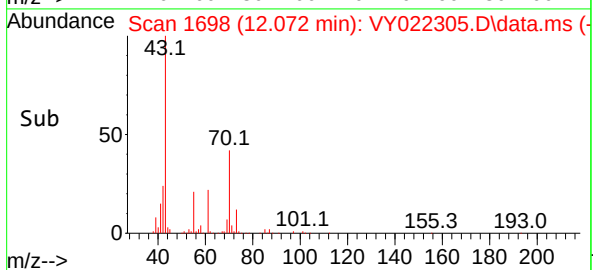
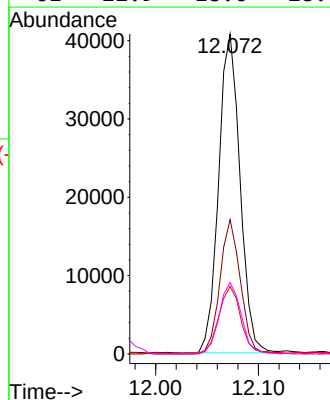
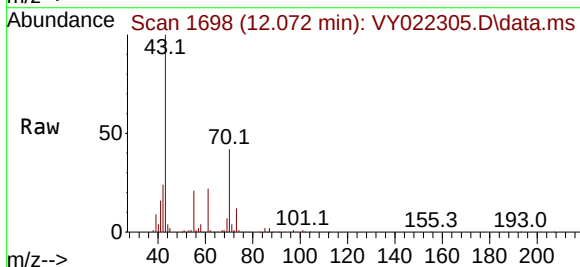
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

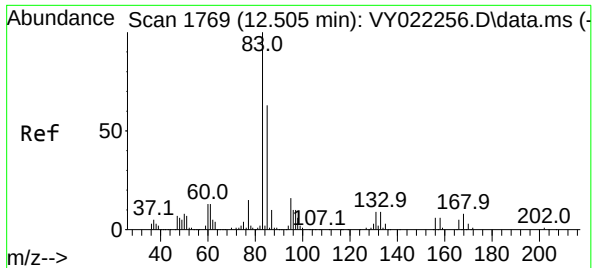
Tgt Ion:105 Resp: 220761
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 18.555 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 43 Resp: 58768
Ion Ratio Lower Upper
43 100
70 40.4 31.4 47.0
55 21.2 17.0 25.6
61 22.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.387 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

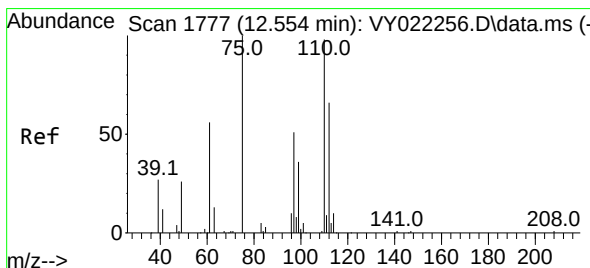
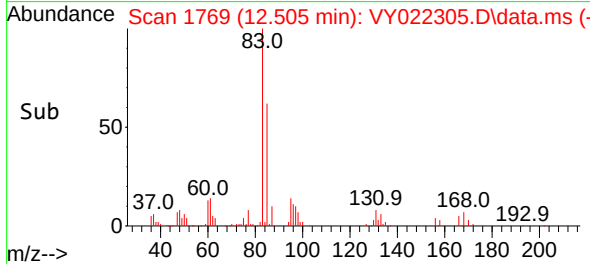
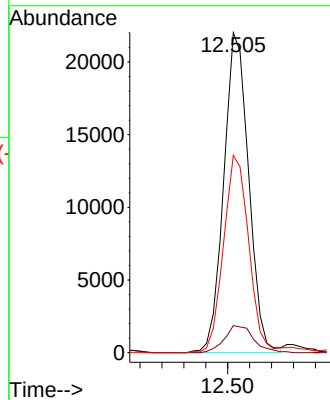
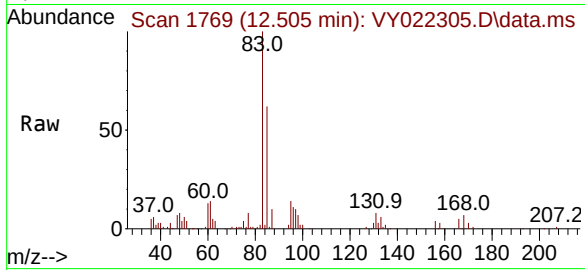
Tgt Ion: 83 Resp: 34721

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 62.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 17.290 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022305.D

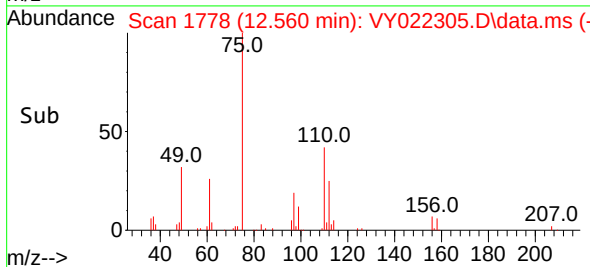
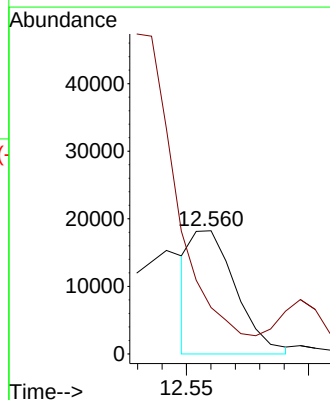
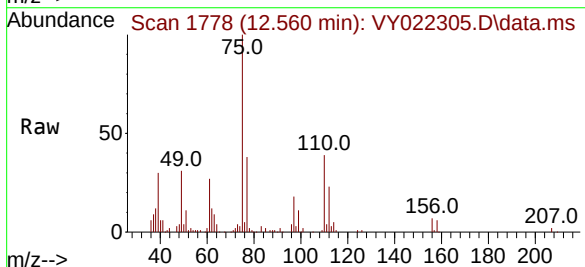
Acq: 19 May 2025 09:36

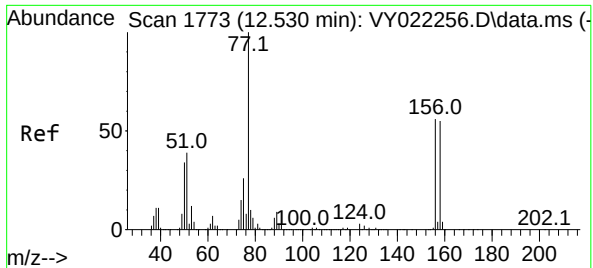
Tgt Ion: 75 Resp: 23415

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

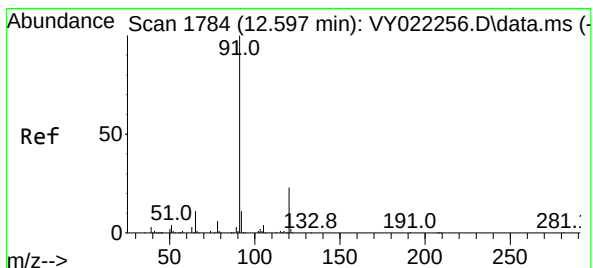
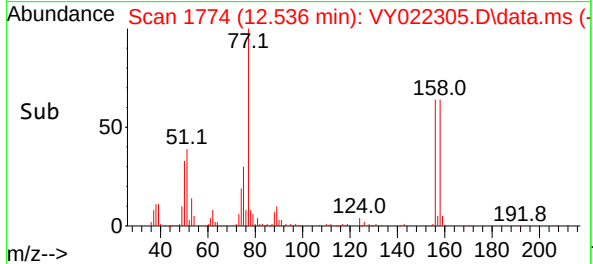
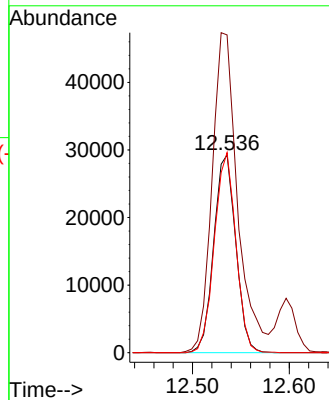
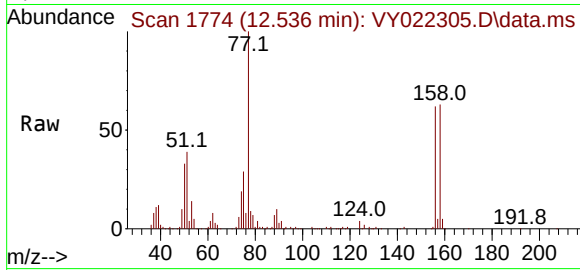




#77
Bromobenzene
Concen: 19.569 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

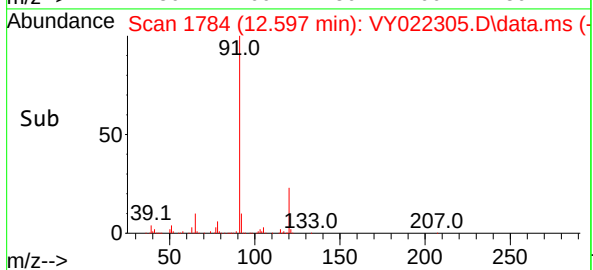
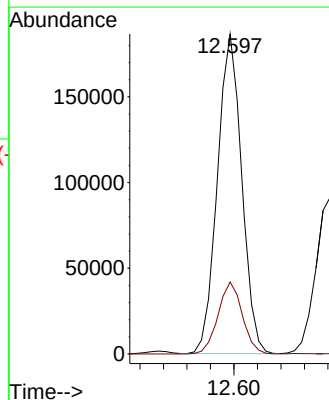
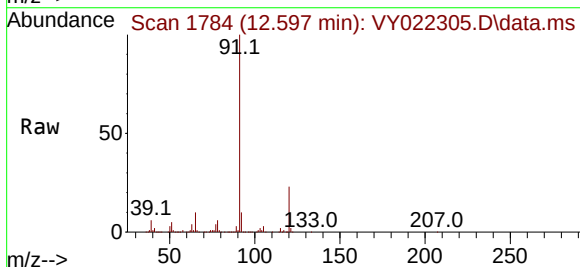
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

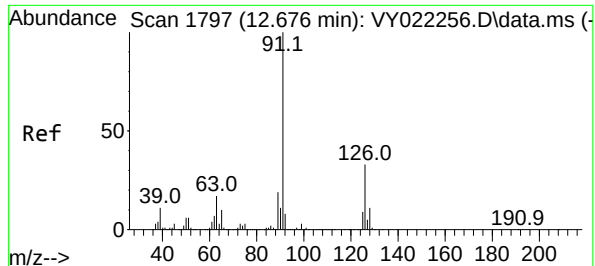
Tgt Ion:156 Resp: 46286
Ion Ratio Lower Upper
156 100
77 187.3 94.5 283.6
158 98.8 48.4 145.3



#78
n-propylbenzene
Concen: 20.084 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 91 Resp: 268280
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.573 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

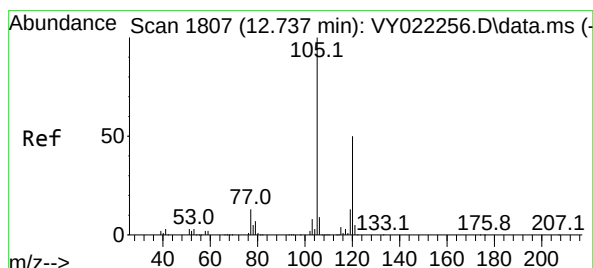
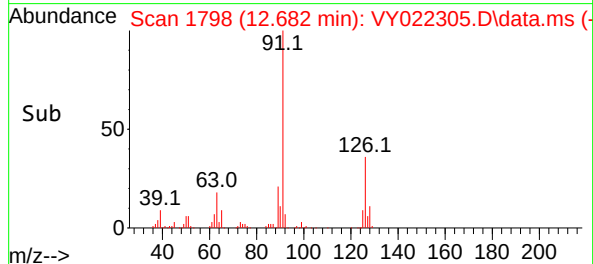
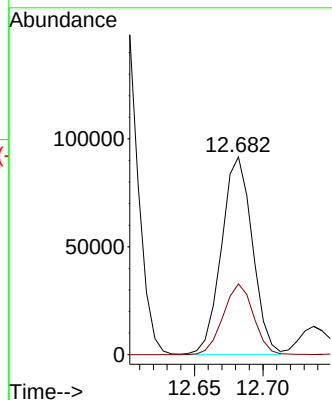
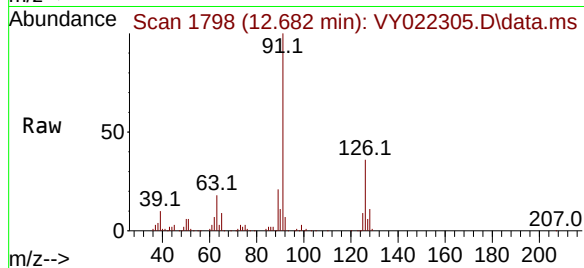
VY0519SBS01

Tgt Ion: 91 Resp: 143678

Ion Ratio Lower Upper

91 100

126 35.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 19.557 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022305.D

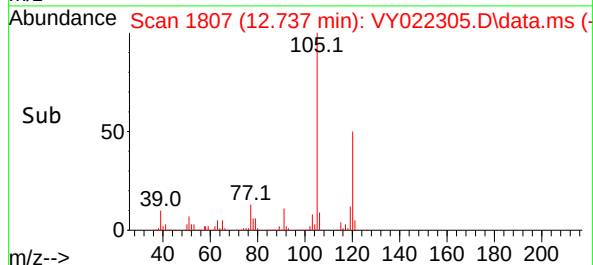
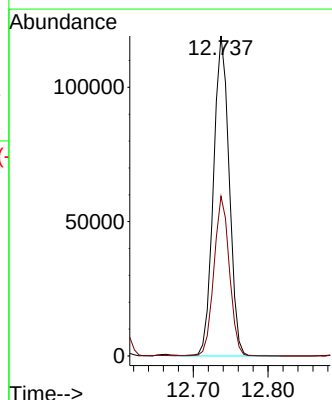
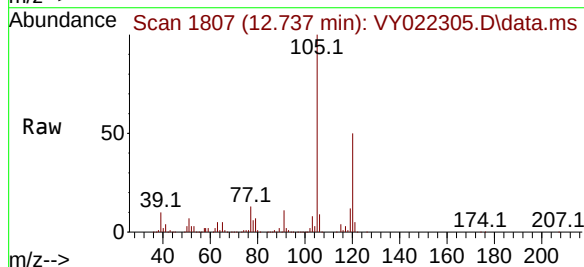
Acq: 19 May 2025 09:36

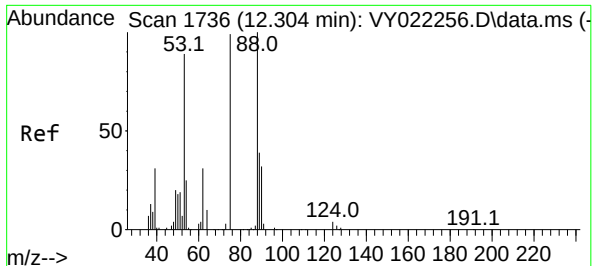
Tgt Ion: 105 Resp: 174835

Ion Ratio Lower Upper

105 100

120 49.0 24.2 72.6

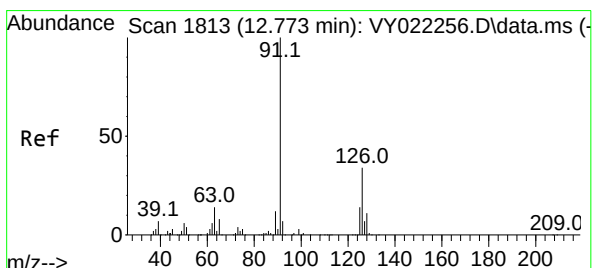
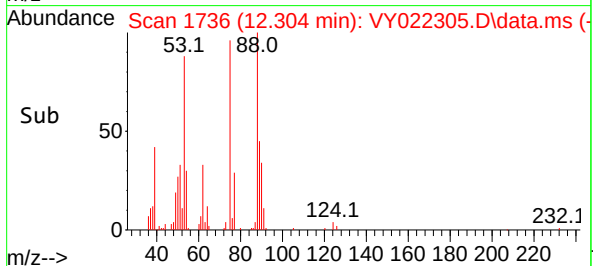
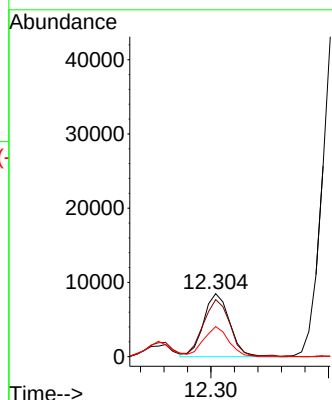
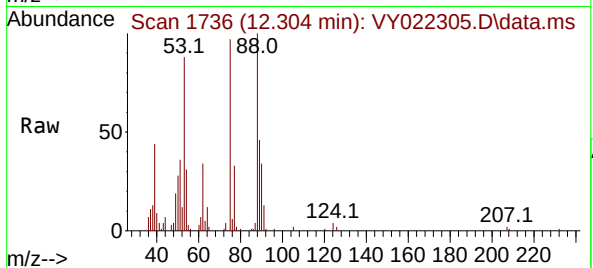




#81
trans-1,4-Dichloro-2-butene
Concen: 19.582 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

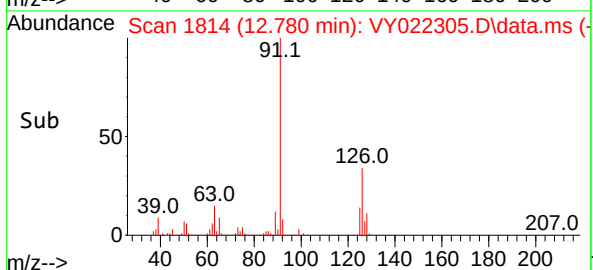
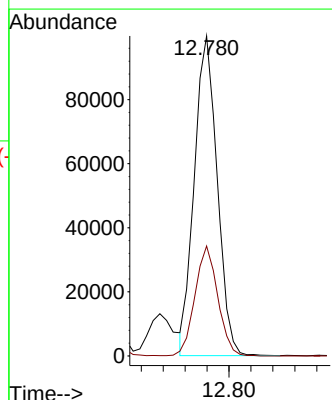
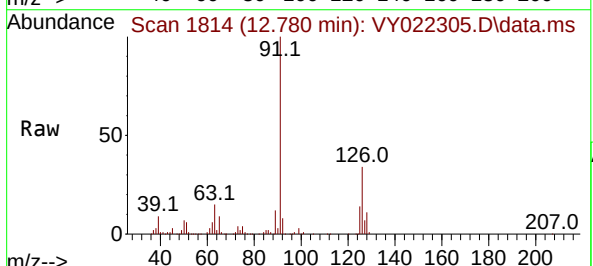
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

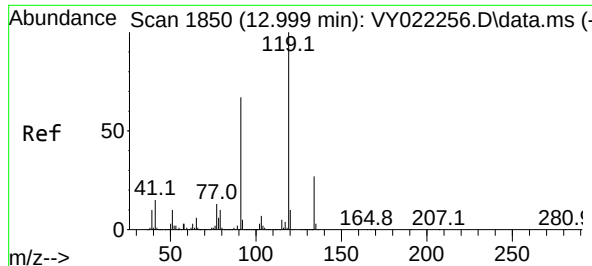
Tgt Ion: 75 Resp: 13091
Ion Ratio Lower Upper
75 100
53 90.4 75.8 113.8
89 45.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.124 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 91 Resp: 144394
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.820 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

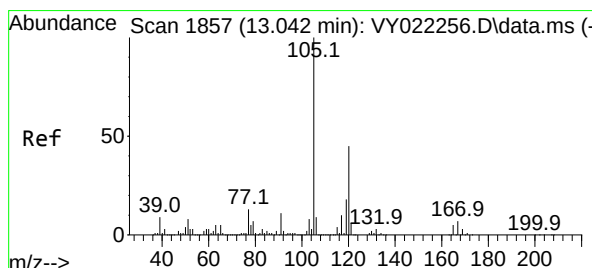
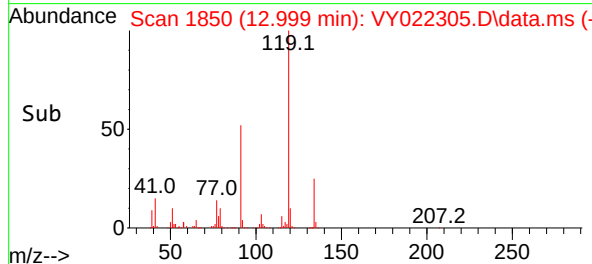
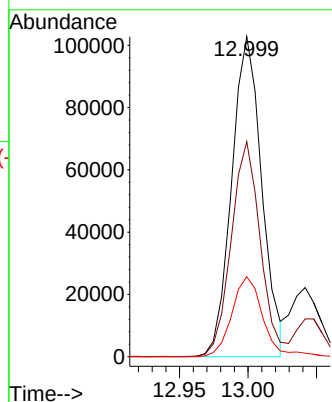
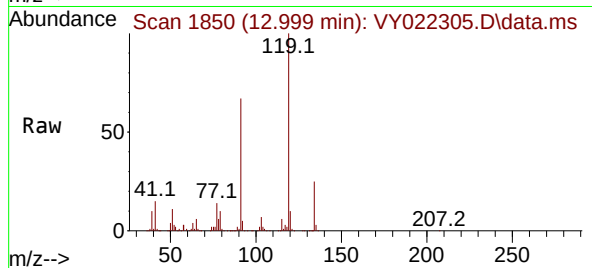
Tgt Ion:119 Resp: 157481

Ion Ratio Lower Upper

119 100

91 65.3 32.8 98.3

134 25.8 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 19.671 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022305.D

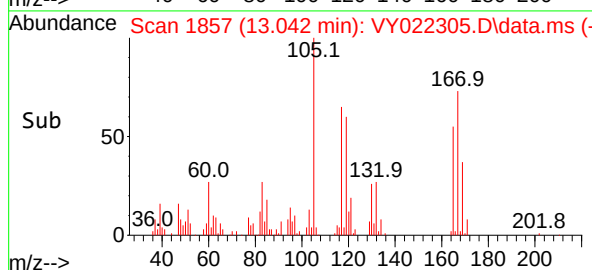
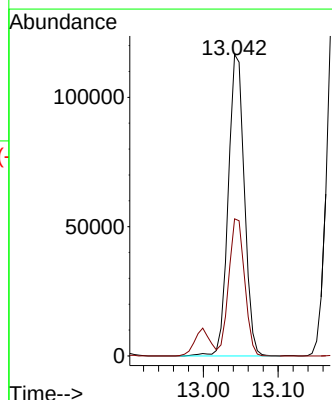
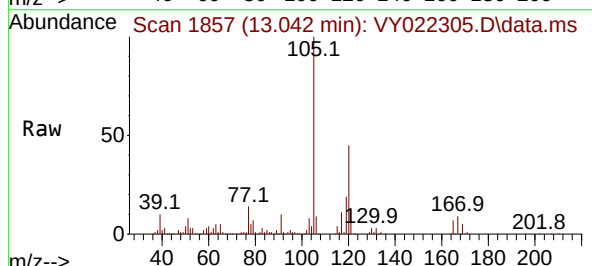
Acq: 19 May 2025 09:36

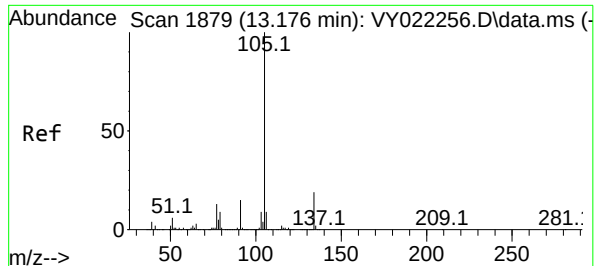
Tgt Ion:105 Resp: 174561

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.954 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

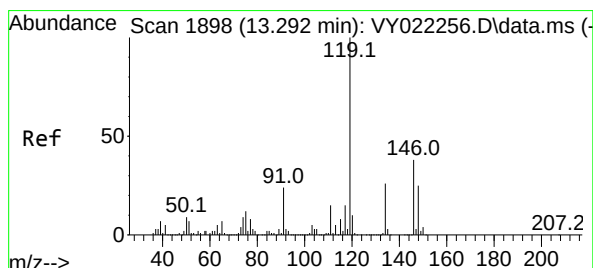
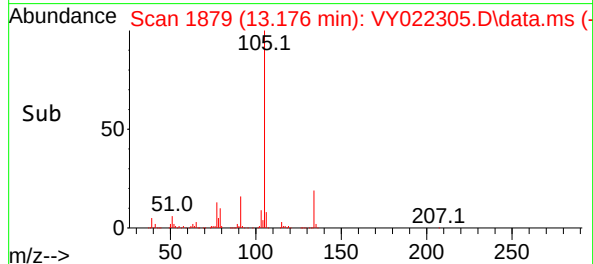
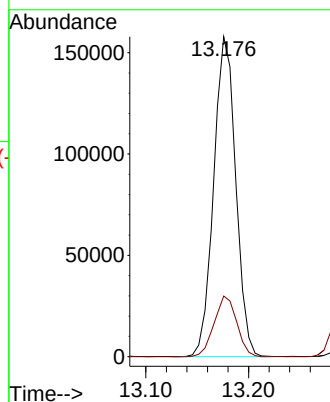
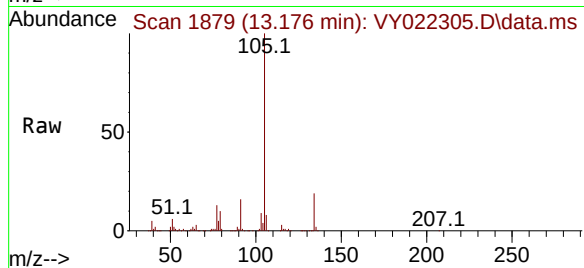
VY0519SBS01

Tgt Ion:105 Resp: 235349

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.286 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

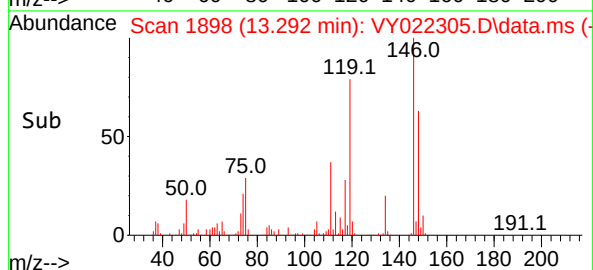
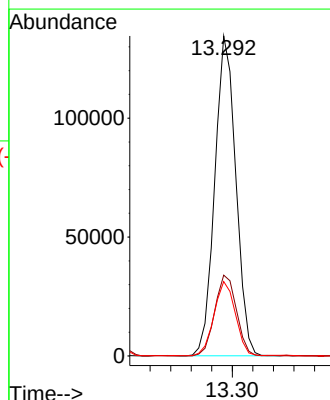
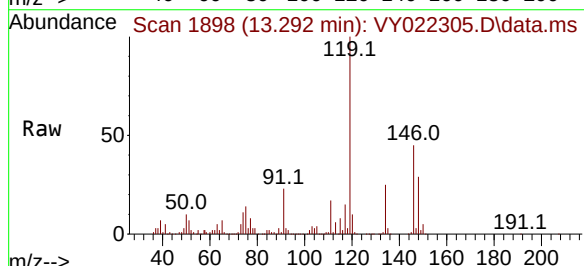
Tgt Ion:119 Resp: 191316

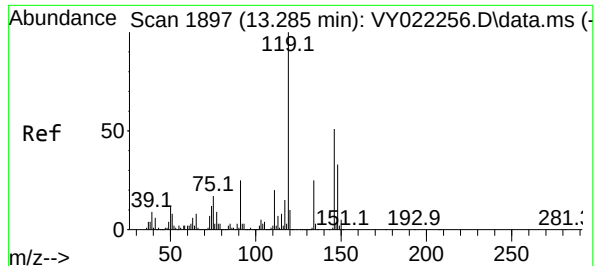
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 23.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.059 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

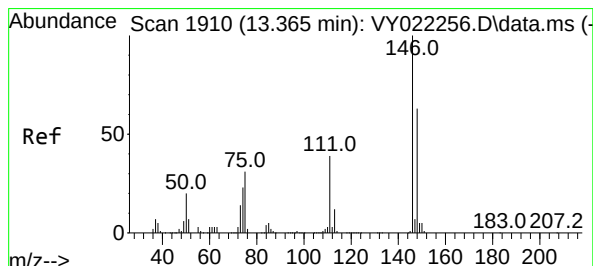
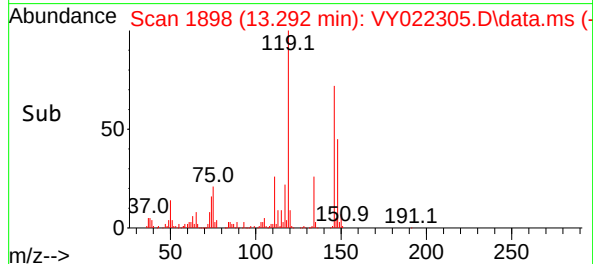
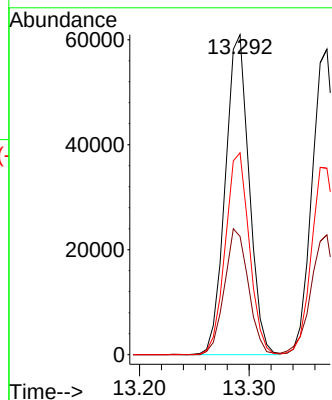
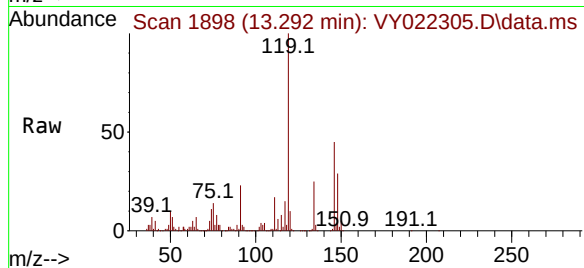
Tgt Ion:146 Resp: 92027

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.645 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

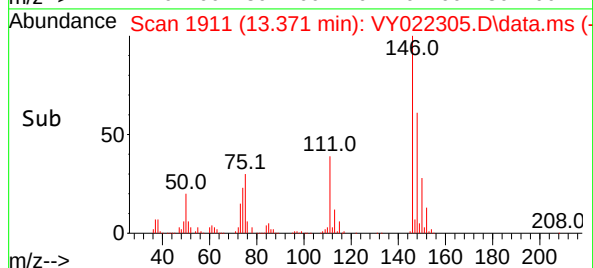
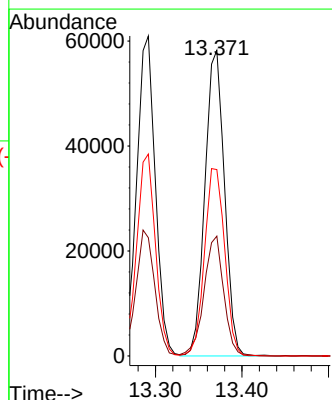
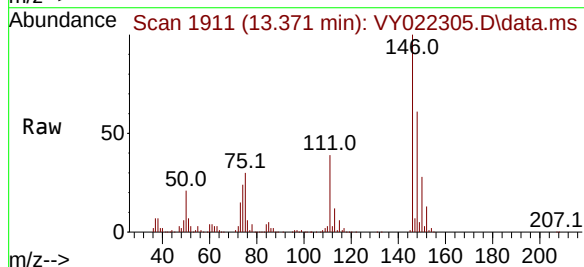
Tgt Ion:146 Resp: 91240

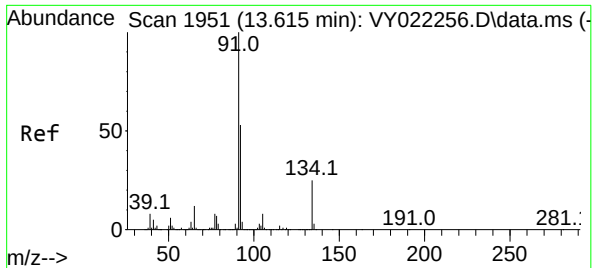
Ion Ratio Lower Upper

146 100

111 39.3 20.0 59.9

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.826 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

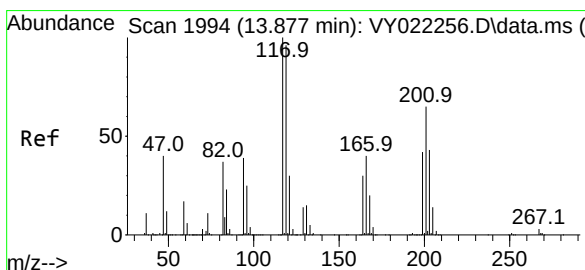
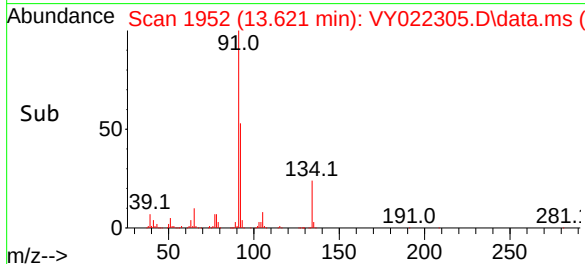
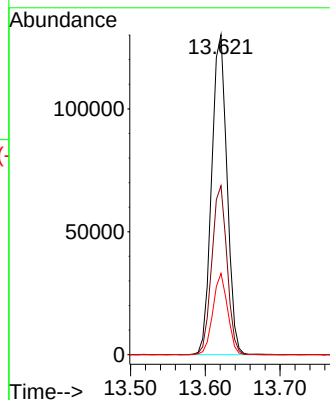
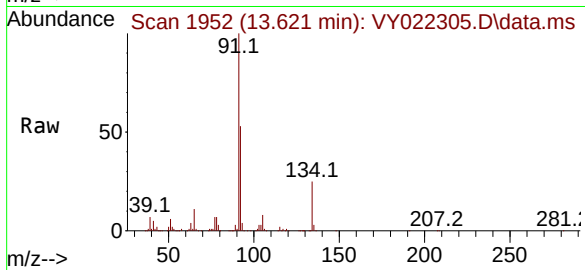
Tgt Ion: 91 Resp: 186063

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

134 24.2 12.4 37.4



#90

Hexachloroethane

Concen: 19.843 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022305.D

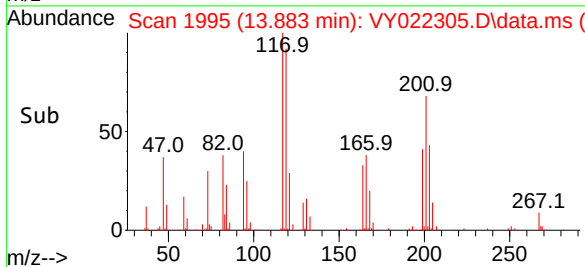
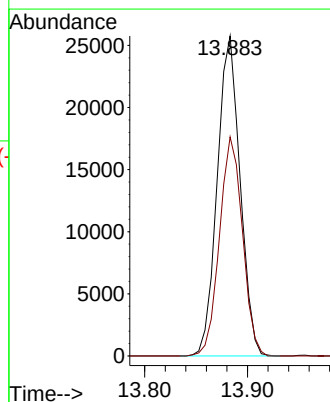
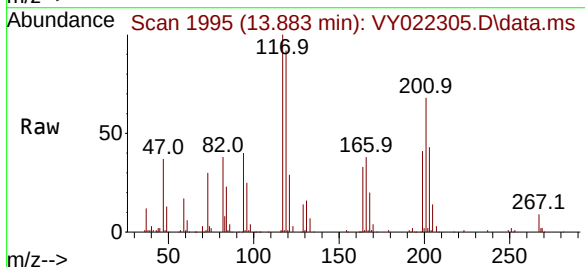
Acq: 19 May 2025 09:36

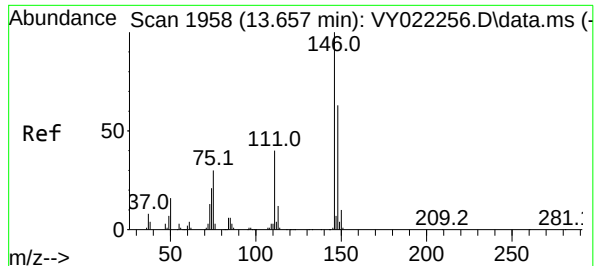
Tgt Ion: 117 Resp: 39735

Ion Ratio Lower Upper

117 100

201 68.8 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 19.666 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

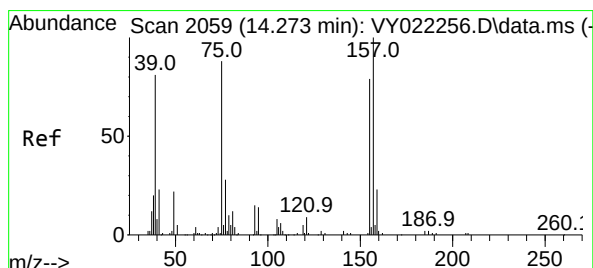
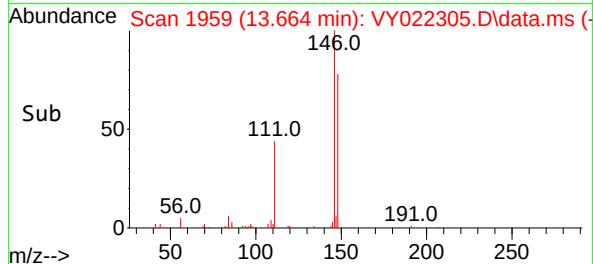
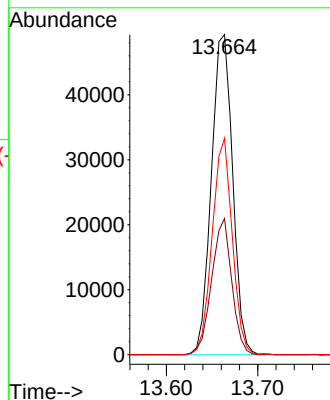
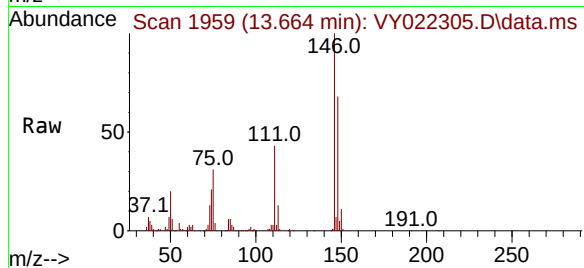
Tgt Ion:146 Resp: 79761

Ion Ratio Lower Upper

146 100

111 40.1 20.5 61.5

148 63.8 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.030 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

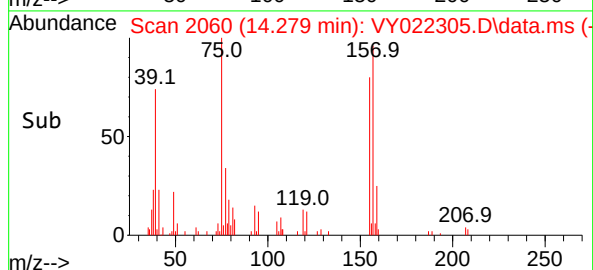
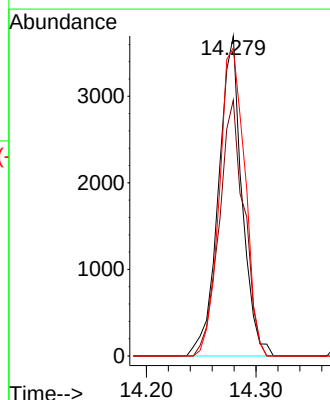
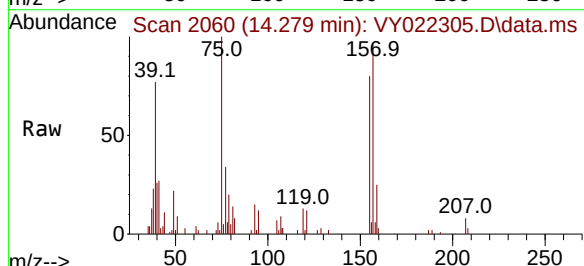
Tgt Ion: 75 Resp: 5501

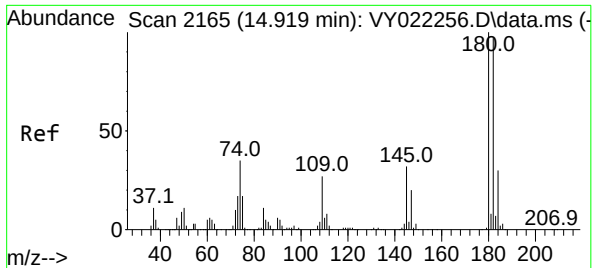
Ion Ratio Lower Upper

75 100

155 84.7 43.4 130.1

157 104.1 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 18.962 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

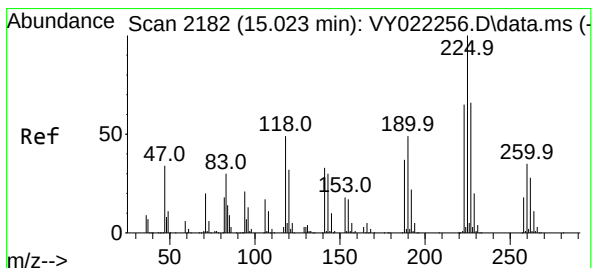
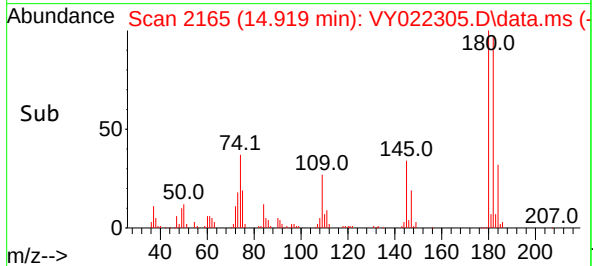
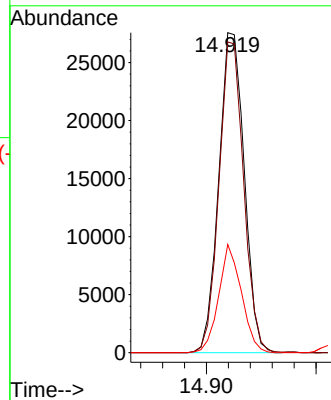
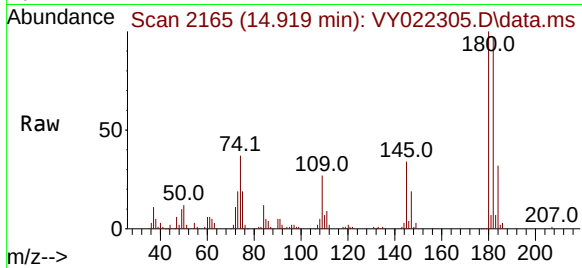
Tgt Ion:180 Resp: 44423

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.0

145 30.3 15.0 45.1



#94

Hexachlorobutadiene

Concen: 19.484 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

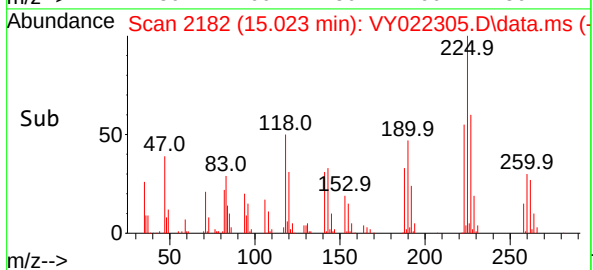
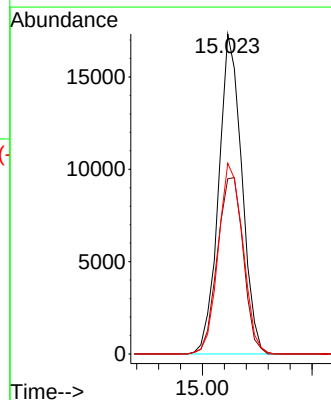
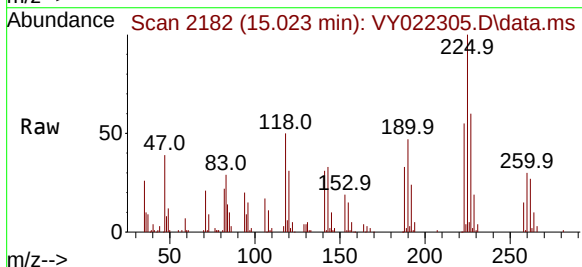
Tgt Ion:225 Resp: 25456

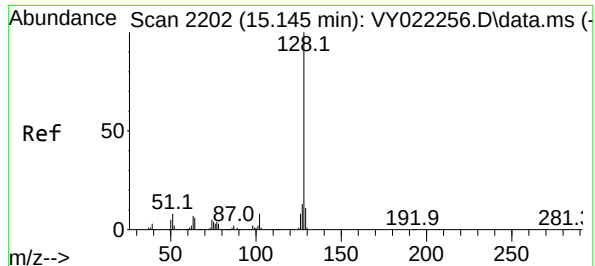
Ion Ratio Lower Upper

225 100

223 61.4 31.5 94.5

227 63.1 32.1 96.3





#95

Naphthalene

Concen: 19.205 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

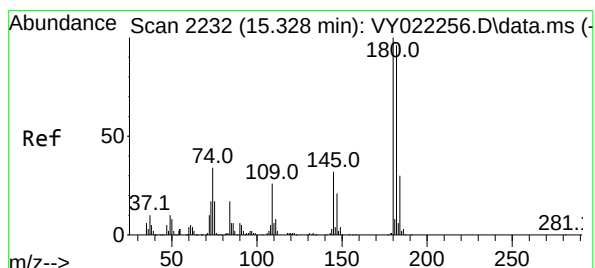
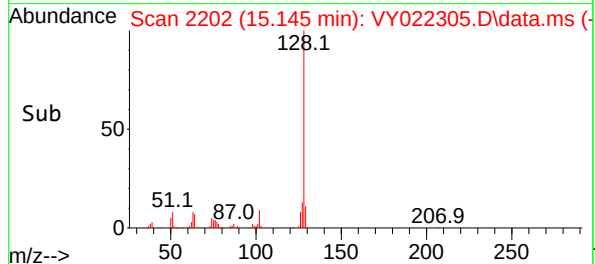
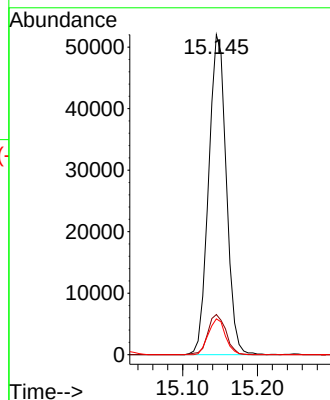
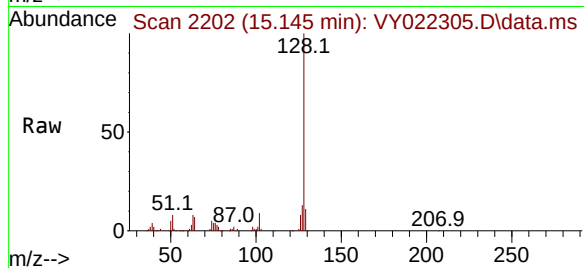
Tgt Ion:128 Resp: 85379

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.185 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

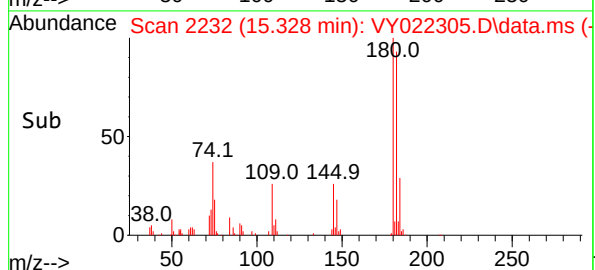
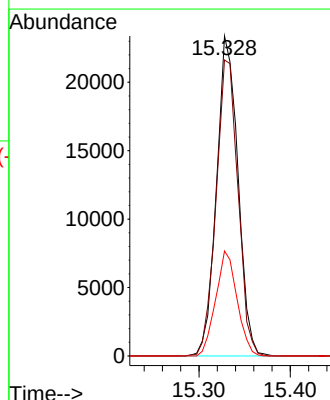
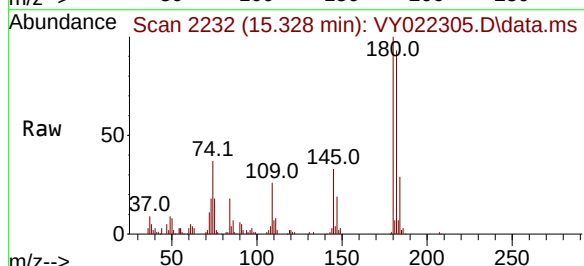
Tgt Ion:180 Resp: 38129

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 32.7 15.9 47.6



Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	
Client Sample ID:	VY0519SBSD01		SDG No.:	Q2021
Lab Sample ID:	VY0519SBSD01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022306.D	1		05/19/25 09:59	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	26.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	27.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	32.1		1.10	5.00	ug/Kg
75-00-3	Chloroethane	29.6		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	25.4		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.7		1.00	5.00	ug/Kg
67-64-1	Acetone	83.4		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.2		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.6		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.3		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.7		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.4		0.79	5.00	ug/Kg
78-93-3	2-Butanone	92.1		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.1		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.0		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.0		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.2		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.5		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	94.3		3.60	25.0	ug/Kg
108-88-3	Toluene	20.2		0.78	5.00	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	
Client Sample ID:	VY0519SBSD01		SDG No.:	Q2021
Lab Sample ID:	VY0519SBSD01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022306.D	1		05/19/25 09:59	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.6		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.3		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	92.4		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.9		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.5		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.9		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.0		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.0		0.82	5.00	ug/Kg
100-42-5	Styrene	19.9		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.8		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.7		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.4		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.9		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.2		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.5		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		70 (38) - 130 (136)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	7.707			
540-36-3	1,4-Difluorobenzene	332000	8.616			
3114-55-4	Chlorobenzene-d5	277000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	128000	13.347			



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	
Client Sample ID:	VY0519SBSD01		SDG No.:	Q2021
Lab Sample ID:	VY0519SBSD01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022306.D	1		05/19/25 09:59	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022306.D
 Acq On : 19 May 2025 09:59
 Operator : SY/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 20 01:09:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	194565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	331521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	276940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	128146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107354	50.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.634	113	100429	50.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.103	98	414823	51.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.408	95	121910	47.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	43055	21.207	ug/l	96
3) Chloromethane	2.068	50	113821	26.652	ug/l	99
4) Vinyl Chloride	2.202	62	128803	26.995	ug/l	99
5) Bromomethane	2.592	94	124608	32.081	ug/l	98
6) Chloroethane	2.733	64	87807	29.581	ug/l	98
7) Trichlorofluoromethane	3.050	101	122549	25.368	ug/l	95
8) Diethyl Ether	3.452	74	24175	20.853	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	45542	21.716	ug/l	99
10) Methyl Iodide	4.001	142	50436	20.779	ug/l	100
11) Tert butyl alcohol	4.879	59	15476	95.307	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	45072	21.657	ug/l	95
13) Acrolein	3.653	56	19543	82.326	ug/l	99
14) Allyl chloride	4.385	41	70168	19.228	ug/l	95
15) Acrylonitrile	5.061	53	48359	101.234	ug/l	99
16) Acetone	3.879	43	33255	83.405	ug/l	99
17) Carbon Disulfide	4.104	76	143565	21.154	ug/l	99
18) Methyl Acetate	4.385	43	24721	19.665	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	119462	20.818	ug/l	96
20) Methylene Chloride	4.610	84	50462	19.587	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	48842	21.262	ug/l	99
22) Diisopropyl ether	6.019	45	152437	19.781	ug/l	97
23) Vinyl Acetate	5.958	43	449453	96.539	ug/l	100
24) 1,1-Dichloroethane	5.909	63	89079	20.690	ug/l	98
25) 2-Butanone	6.896	43	61413	92.082	ug/l	99
26) 2,2-Dichloropropane	6.884	77	78841	20.589	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	55830	21.061	ug/l	99
28) Bromochloromethane	7.244	49	38029	20.708	ug/l	99
29) Tetrahydrofuran	7.262	42	42869	99.910	ug/l	98
30) Chloroform	7.421	83	88657	21.469	ug/l	99
31) Cyclohexane	7.701	56	87956	20.447	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	79733	21.045	ug/l	100
36) 1,1-Dichloropropene	7.835	75	67371	20.671	ug/l	99
37) Ethyl Acetate	6.988	43	29722	18.954	ug/l	98
38) Carbon Tetrachloride	7.817	117	69525	20.608	ug/l	97
39) Methylcyclohexane	9.110	83	87625	20.012	ug/l	97
40) Benzene	8.079	78	200424	20.744	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022306.D
 Acq On : 19 May 2025 09:59
 Operator : SY/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 20 01:09:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	16084	15.462	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	52712	20.174	ug/l	100
43) Isopropyl Acetate	8.195	43	64516	18.865	ug/l	98
44) Trichloroethene	8.866	130	49650	20.667	ug/l	96
45) 1,2-Dichloropropane	9.140	63	47015	20.183	ug/l	100
46) Dibromomethane	9.231	93	26192	20.847	ug/l	97
47) Bromodichloromethane	9.420	83	66833	20.505	ug/l	98
48) Methyl methacrylate	9.219	41	29452	18.415	ug/l	93
49) 1,4-Dioxane	9.231	88	5547	390.819	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	158163	94.253	ug/l	98
52) Toluene	10.170	92	123710	20.220	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	62382	19.612	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	74146	20.346	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	33457	20.796	ug/l	97
56) Ethyl methacrylate	10.439	69	48821	19.481	ug/l	98
57) 1,3-Dichloropropane	10.719	76	57054	19.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	99928	88.837	ug/l	98
59) 2-Hexanone	10.762	43	103950	92.391	ug/l	96
60) Dibromochloromethane	10.914	129	41635	19.938	ug/l	99
61) 1,2-Dibromoethane	11.012	107	29997	20.005	ug/l	98
64) Tetrachloroethene	10.646	164	52068	20.341	ug/l	94
65) Chlorobenzene	11.444	112	128350	20.542	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	43068	20.051	ug/l	99
67) Ethyl Benzene	11.518	91	232654	19.883	ug/l	98
68) m/p-Xylenes	11.627	106	176339	39.993	ug/l	100
69) o-Xylene	11.957	106	83255	19.957	ug/l	99
70) Styrene	11.969	104	140022	19.898	ug/l	99
71) Bromoform	12.133	173	22935	19.782	ug/l #	100
73) Isopropylbenzene	12.255	105	219562	20.682	ug/l	99
74) N-amyl acetate	12.072	43	57158	18.825	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	34577	21.178	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	26521m	20.428	ug/l	
77) Bromobenzene	12.536	156	46327	20.432	ug/l	100
78) n-propylbenzene	12.597	91	265840	20.760	ug/l	99
79) 2-Chlorotoluene	12.682	91	142473	20.246	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	172377	20.114	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12146	18.952	ug/l	94
82) 4-Chlorotoluene	12.780	91	142463	19.682	ug/l	99
83) tert-Butylbenzene	12.999	119	155407	20.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	171885	20.205	ug/l	98
85) sec-Butylbenzene	13.176	105	235679	20.844	ug/l	100
86) p-Isopropyltoluene	13.292	119	191308	20.117	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	91946	19.864	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	90855	20.406	ug/l	99
89) n-Butylbenzene	13.615	91	185056	20.570	ug/l	98
90) Hexachloroethane	13.877	117	38879	20.253	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	77516	19.937	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5591	21.236	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	44362	19.753	ug/l	99
94) Hexachlorobutadiene	15.023	225	25145	20.076	ug/l	96
95) Naphthalene	15.145	128	82889	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	36544	19.181	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022306.D
Acq On : 19 May 2025 09:59
Operator : SY/MD
Sample : VY0519SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

Quant Time: May 20 01:09:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

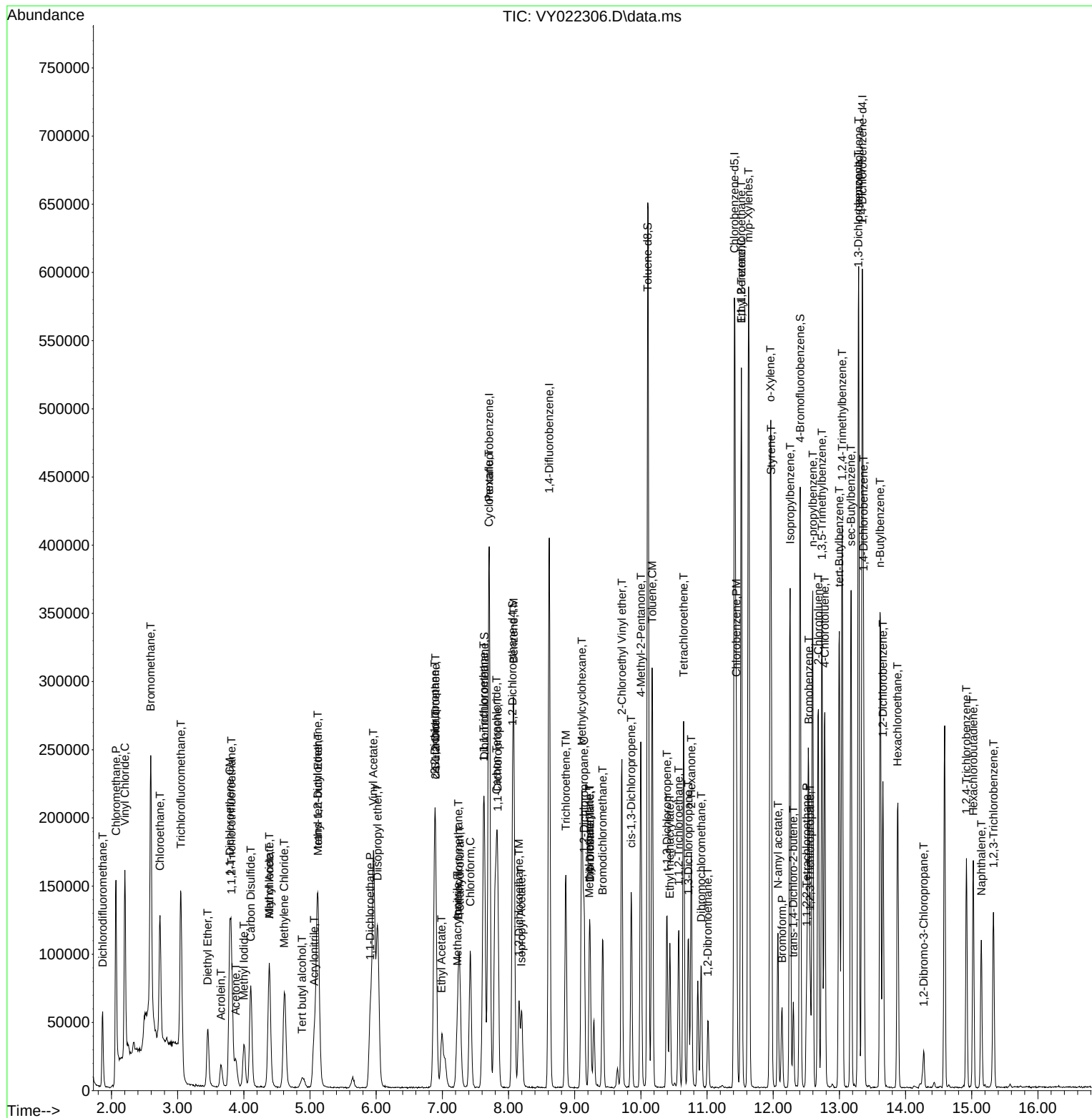
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

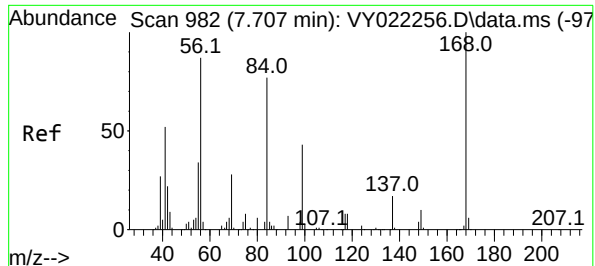
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022306.D
Acq On : 19 May 2025 09:59
Operator : SY/MD
Sample : VY0519SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

Quant Time: May 20 01:09:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

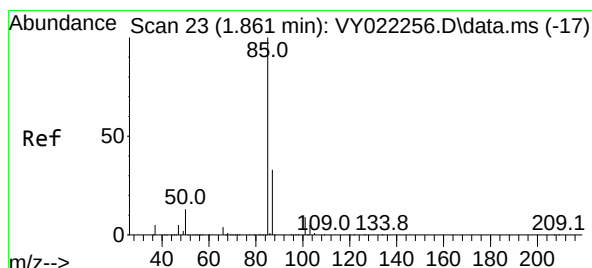
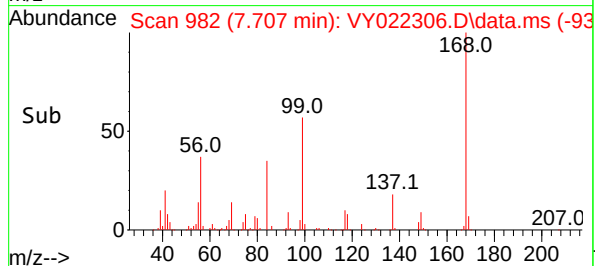
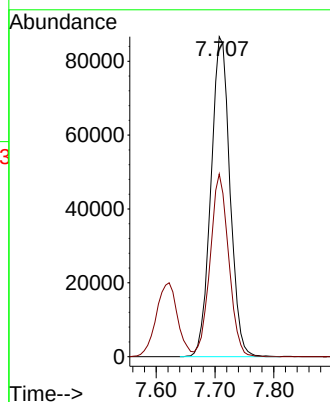
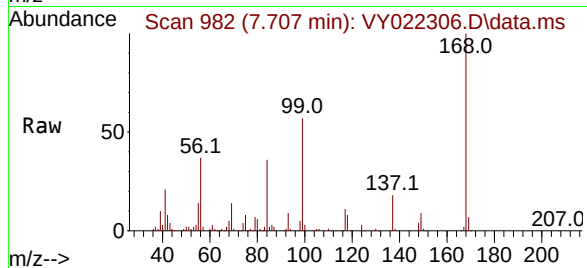




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

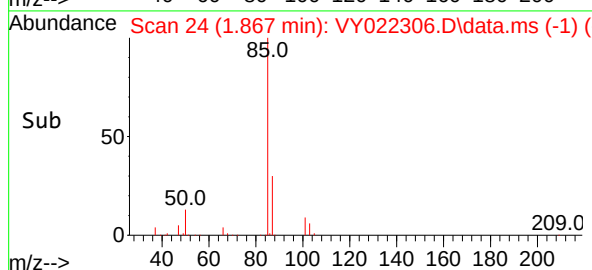
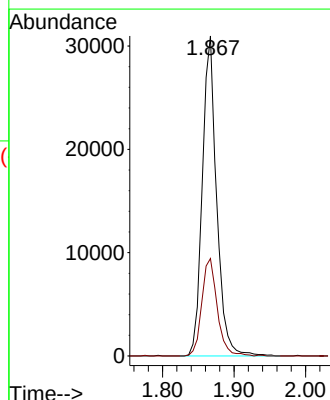
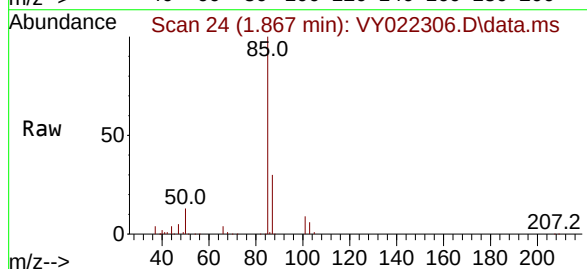
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

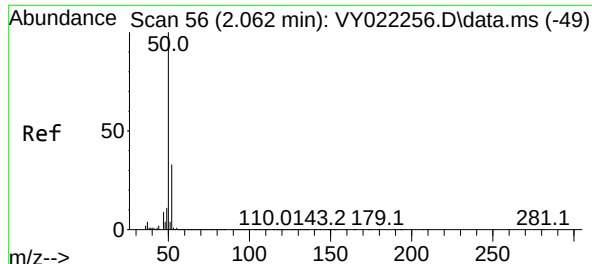
Tgt Ion:168 Resp: 194565
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.207 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 85 Resp: 43055
Ion Ratio Lower Upper
85 100
87 30.5 16.5 49.5





#3

Chloromethane

Concen: 26.652 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

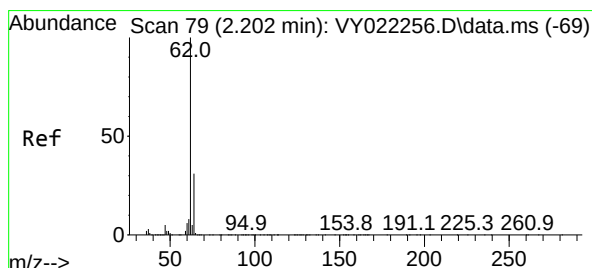
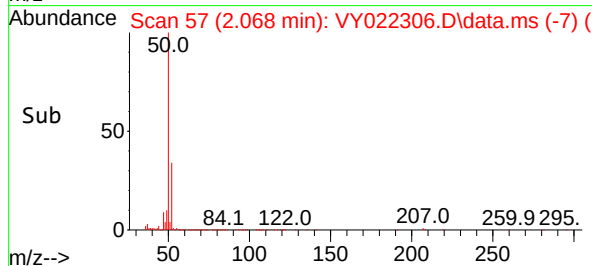
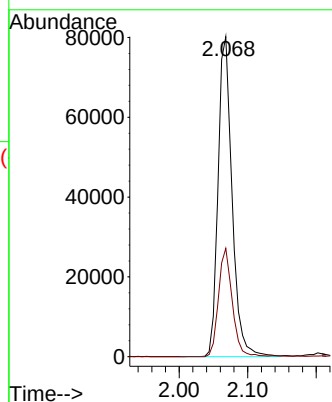
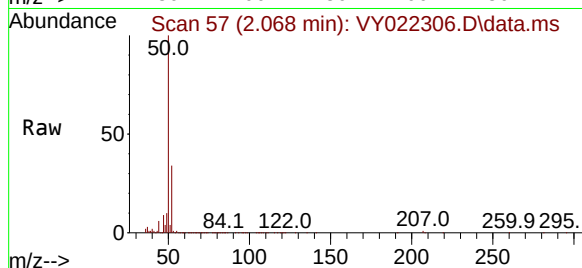
VY0519SBS01

Tgt Ion: 50 Resp: 113821

Ion Ratio Lower Upper

50 100

52 33.9 26.5 39.7



#4

Vinyl Chloride

Concen: 26.995 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.000 min

Lab File: VY022306.D

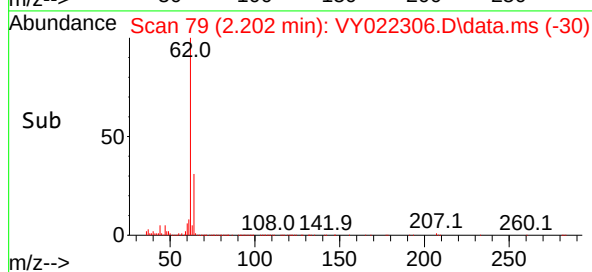
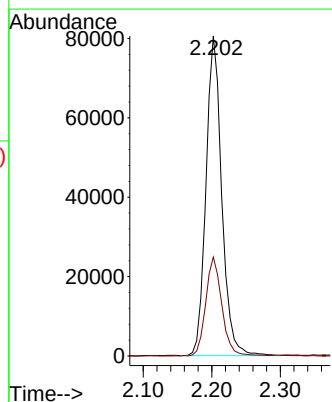
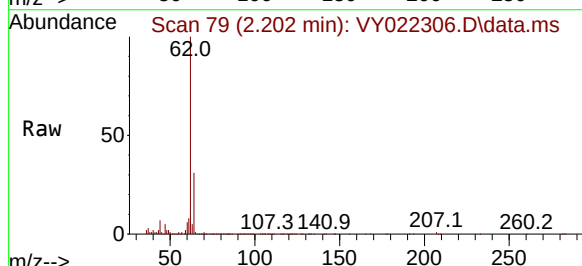
Acq: 19 May 2025 09:59

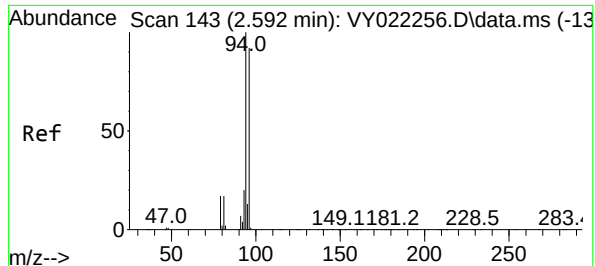
Tgt Ion: 62 Resp: 128803

Ion Ratio Lower Upper

62 100

64 30.9 24.5 36.7

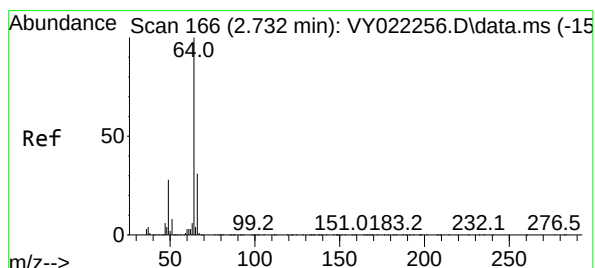
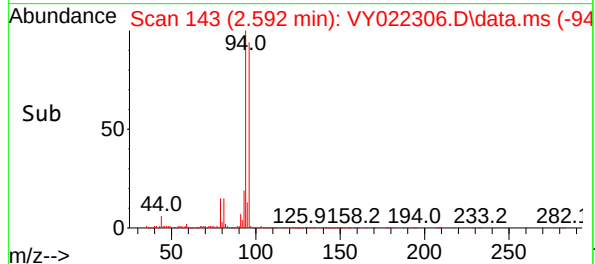
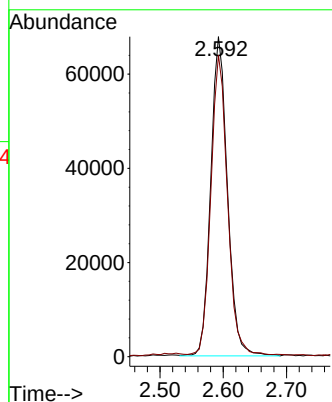
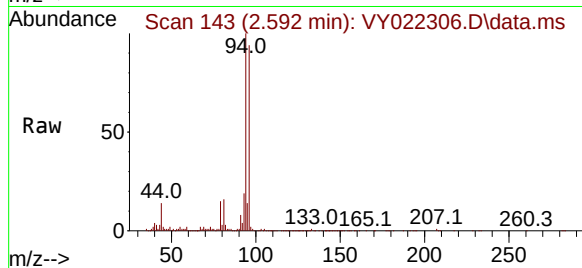




#5
Bromomethane
Concen: 32.081 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

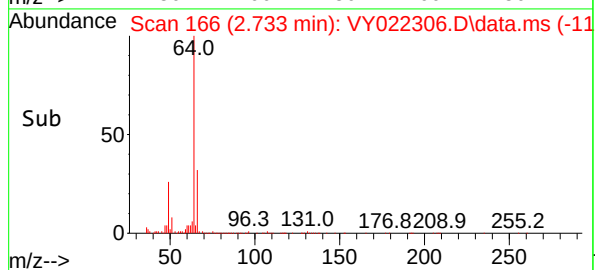
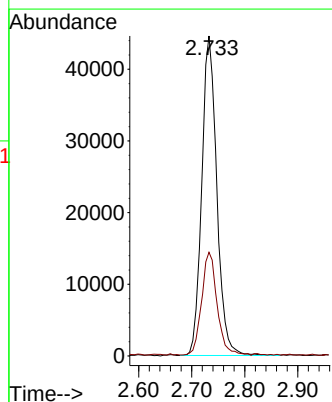
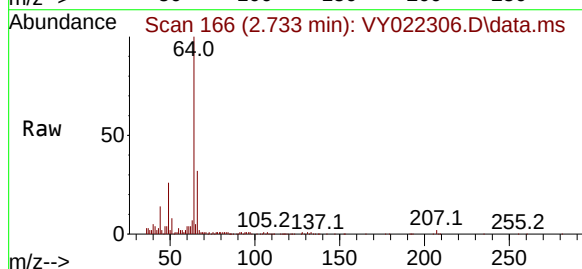
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

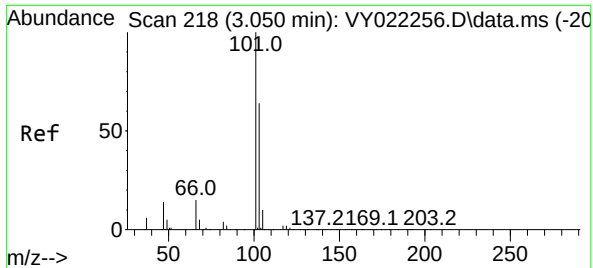
Tgt Ion: 94 Resp: 124608
Ion Ratio Lower Upper
94 100
96 93.8 73.4 110.0



#6
Chloroethane
Concen: 29.581 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 64 Resp: 87807
Ion Ratio Lower Upper
64 100
66 32.1 24.8 37.2

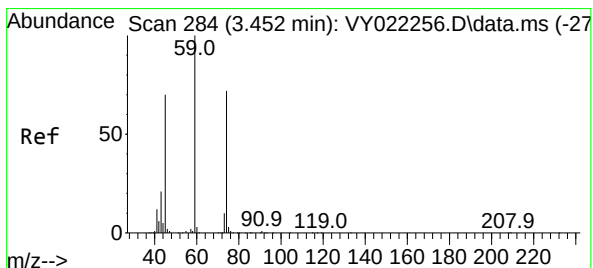
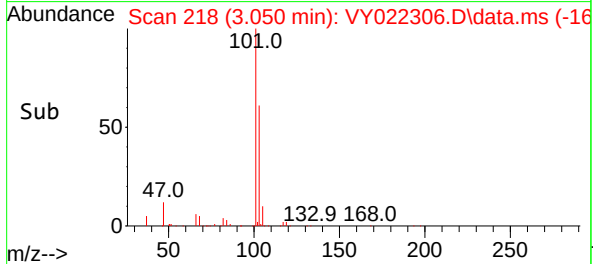
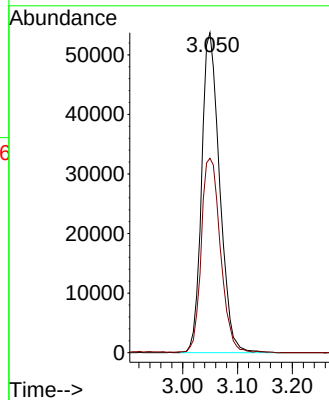
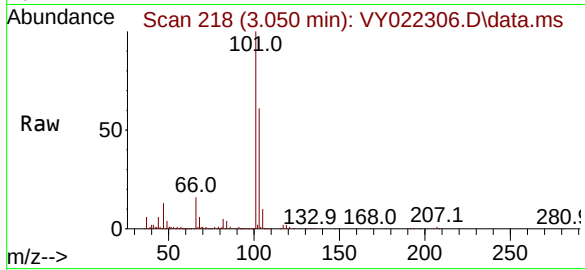




#7
Trichlorofluoromethane
Concen: 25.368 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

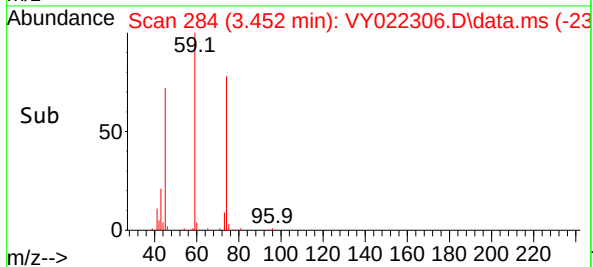
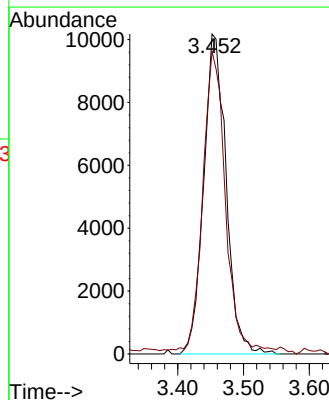
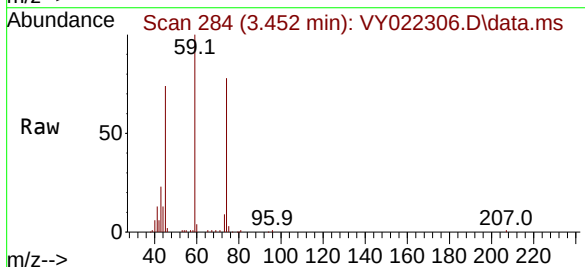
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

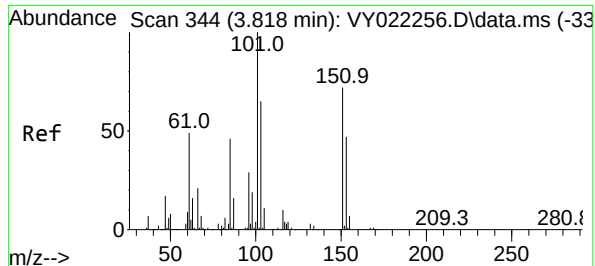
Tgt Ion:101 Resp: 122549
Ion Ratio Lower Upper
101 100
103 60.8 51.7 77.5



#8
Diethyl Ether
Concen: 20.853 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 74 Resp: 24175
Ion Ratio Lower Upper
74 100
45 91.6 48.6 145.8

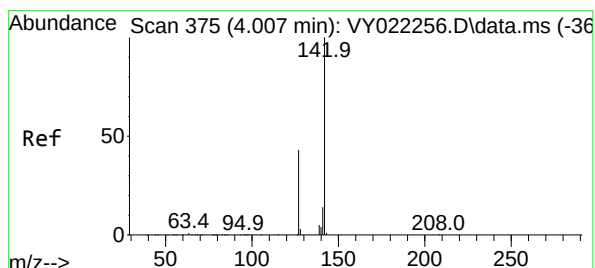
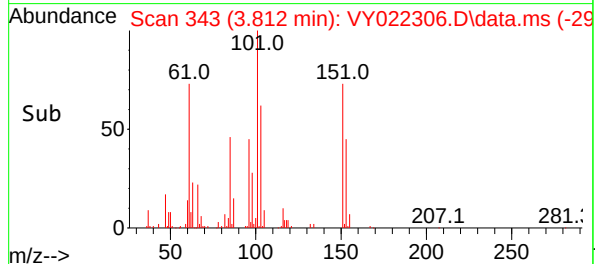
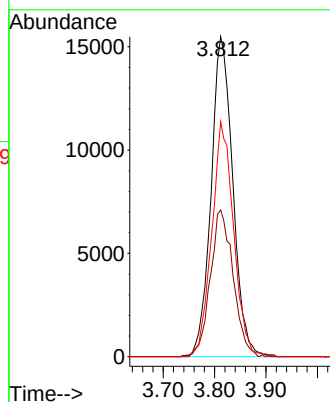
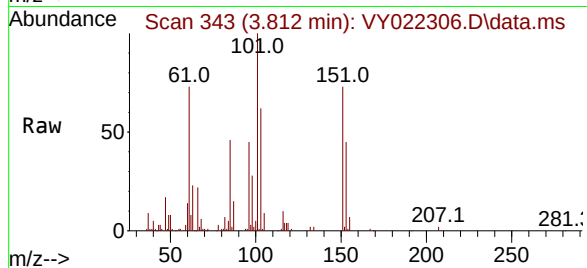




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.716 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

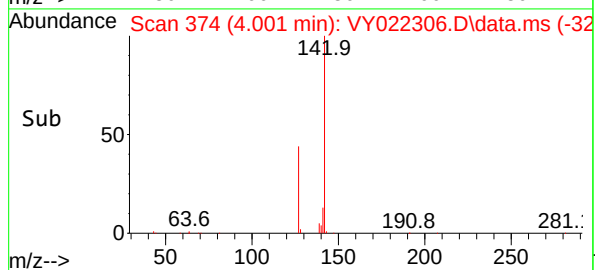
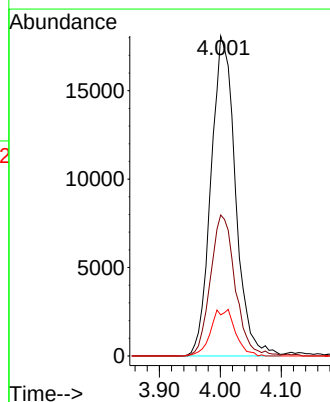
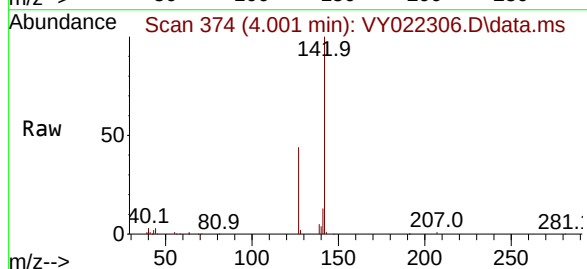
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

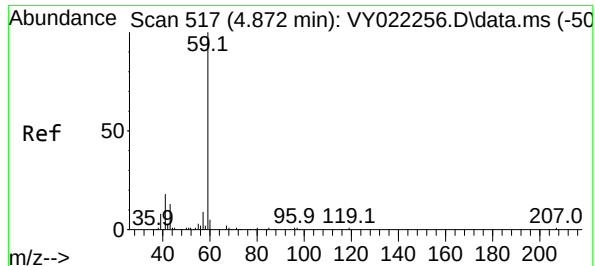
Tgt Ion:101 Resp: 45542
Ion Ratio Lower Upper
101 100
85 48.0 38.6 58.0
151 73.4 59.7 89.5



#10
Methyl Iodide
Concen: 20.779 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion:142 Resp: 50436
Ion Ratio Lower Upper
142 100
127 44.6 35.7 53.5
141 14.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 95.307 ug/l

RT: 4.879 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

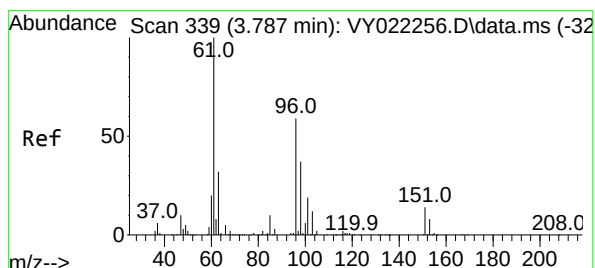
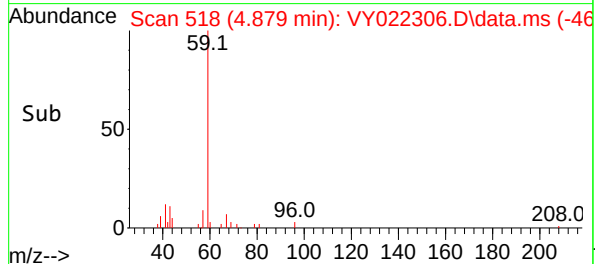
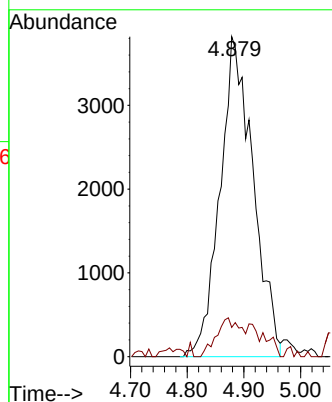
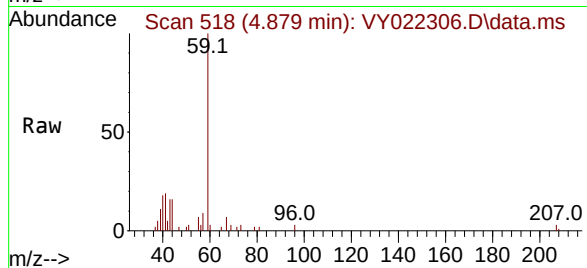
VY0519SBS01

Tgt Ion: 59 Resp: 15476

Ion Ratio Lower Upper

59 100

57 9.0 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 21.657 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

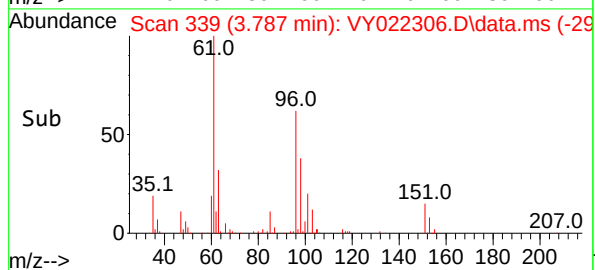
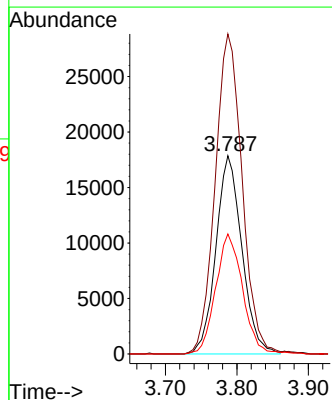
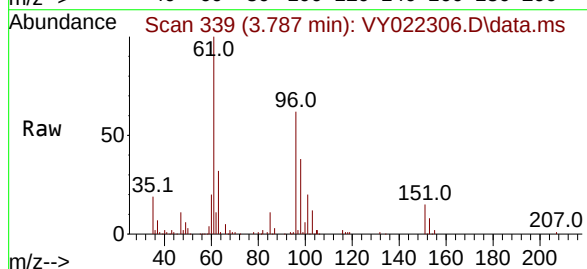
Tgt Ion: 96 Resp: 45072

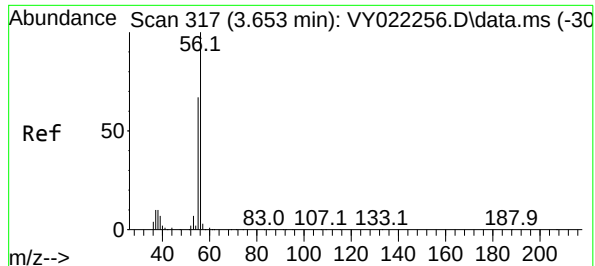
Ion Ratio Lower Upper

96 100

61 161.4 134.9 202.3

98 60.5 49.9 74.9





#13

Acrolein

Concen: 82.326 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

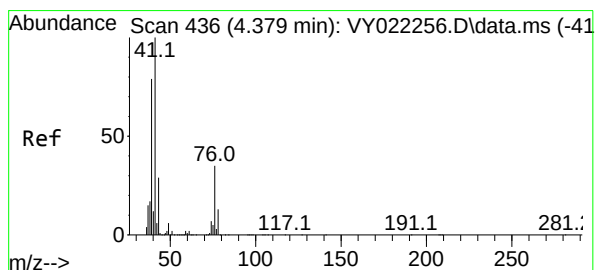
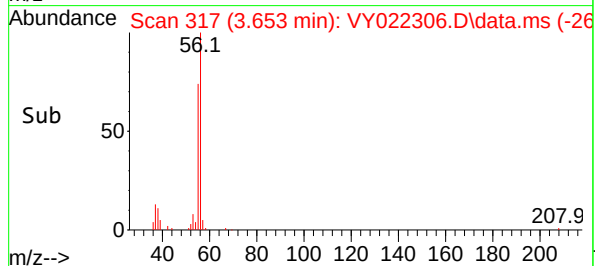
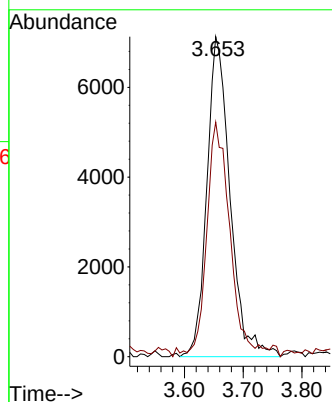
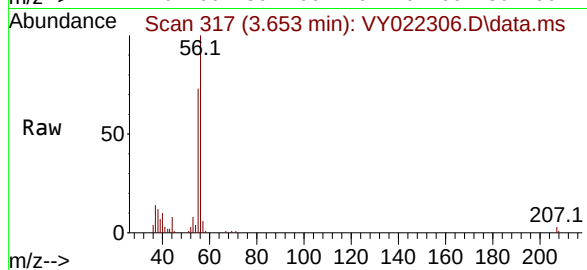
VY0519SBS01

Tgt Ion: 56 Resp: 19543

Ion Ratio Lower Upper

56 100

55 68.8 55.6 83.4



#14

Allyl chloride

Concen: 19.228 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

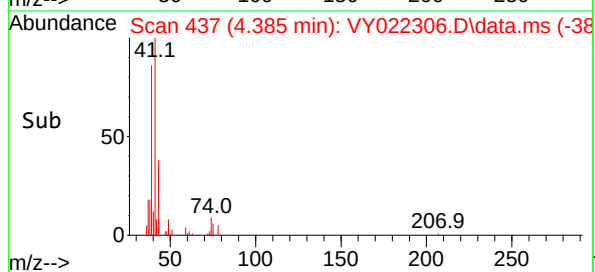
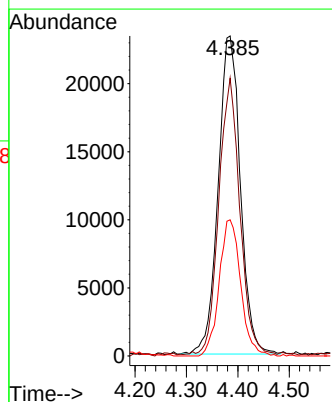
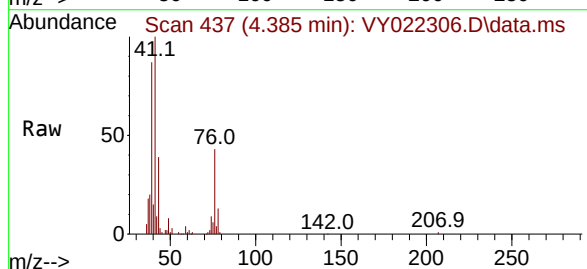
Tgt Ion: 41 Resp: 70168

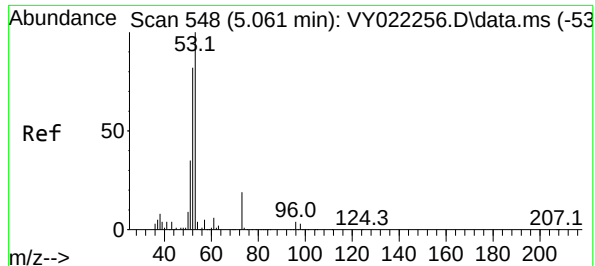
Ion Ratio Lower Upper

41 100

39 82.0 63.4 95.0

76 41.3 29.5 44.3





#15

Acrylonitrile

Concen: 101.234 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

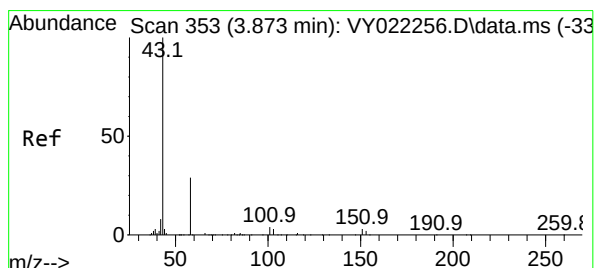
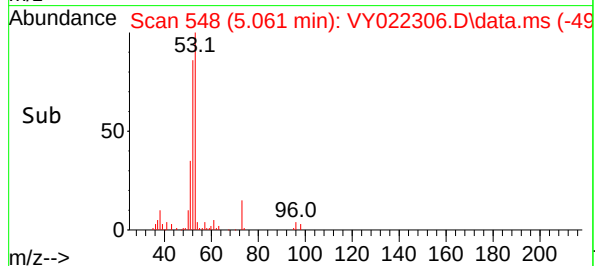
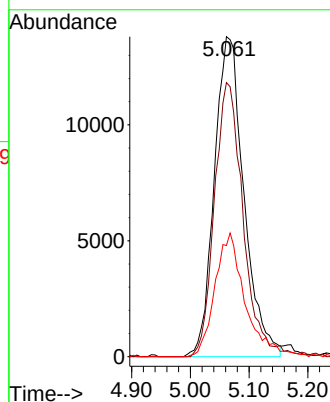
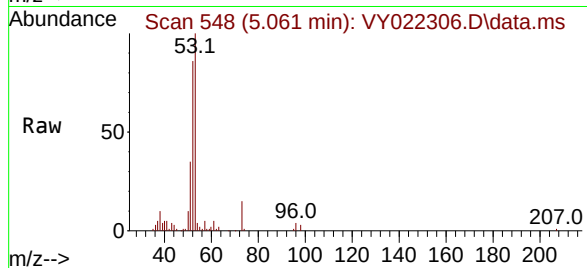
Tgt Ion: 53 Resp: 48359

Ion Ratio Lower Upper

53 100

52 82.8 66.1 99.1

51 39.5 30.0 45.0



#16

Acetone

Concen: 83.405 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY022306.D

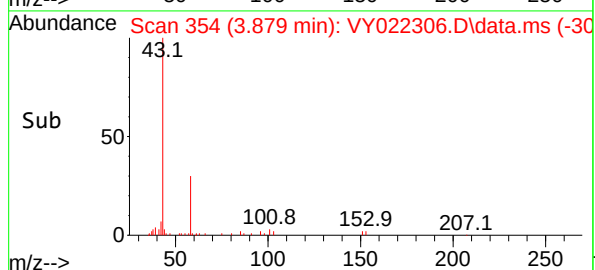
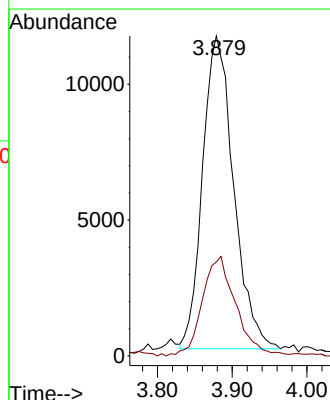
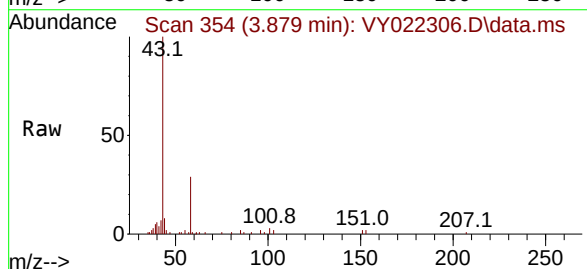
Acq: 19 May 2025 09:59

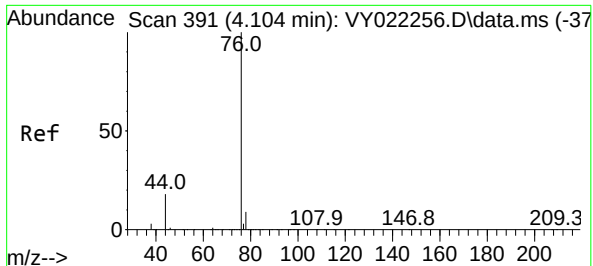
Tgt Ion: 43 Resp: 33255

Ion Ratio Lower Upper

43 100

58 29.1 23.6 35.4

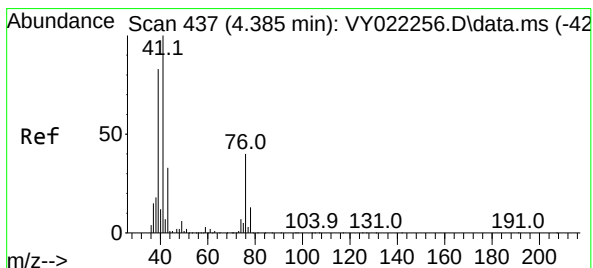
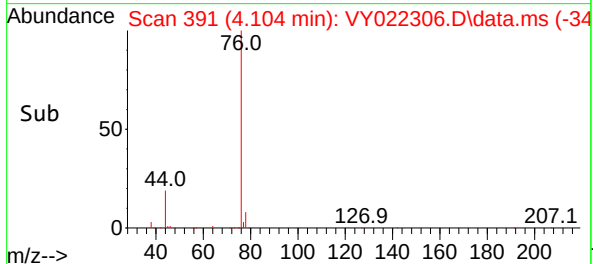
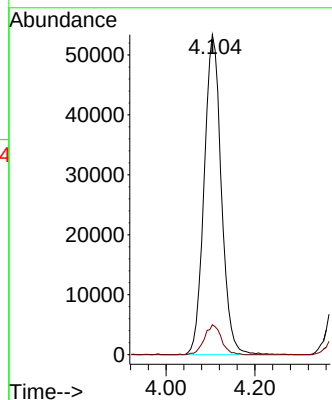
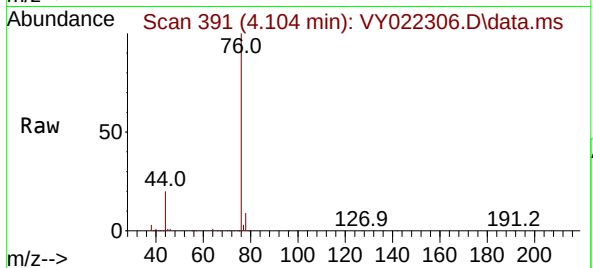




#17
Carbon Disulfide
Concen: 21.154 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

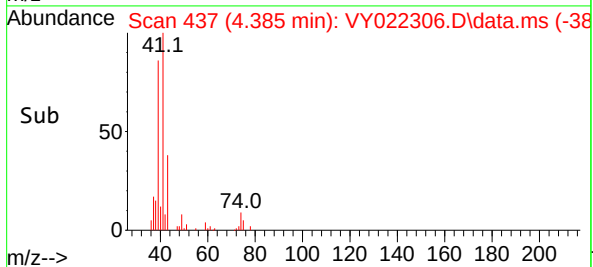
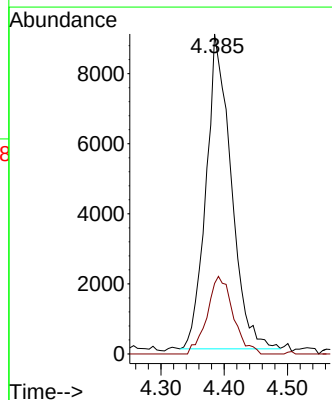
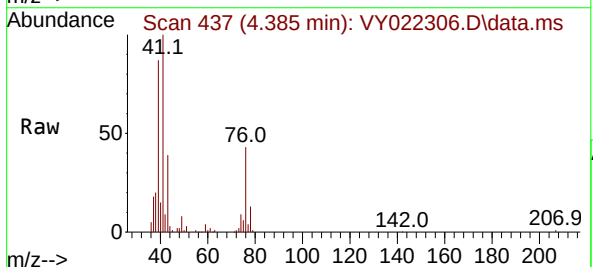
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

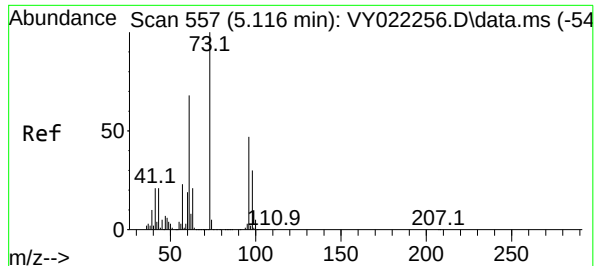
Tgt Ion: 76 Resp: 143565
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 19.665 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 43 Resp: 24721
Ion Ratio Lower Upper
43 100
74 25.4 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.818 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

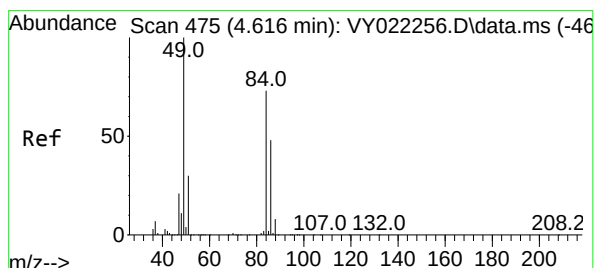
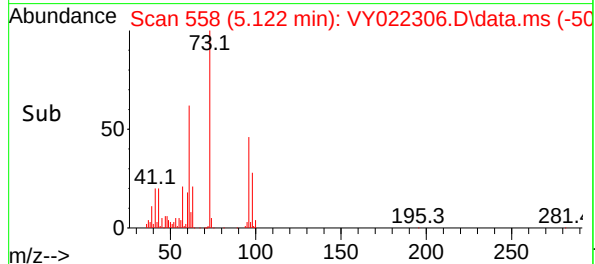
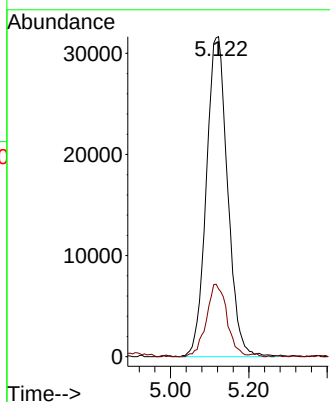
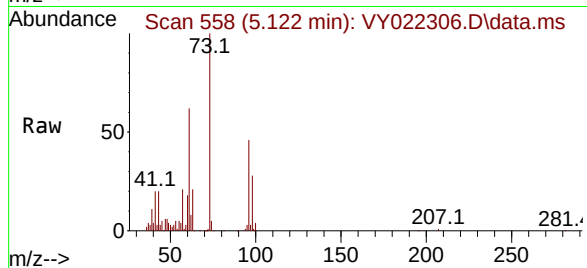
VY0519SBS01

Tgt Ion: 73 Resp: 119462

Ion Ratio Lower Upper

73 100

57 21.2 18.6 28.0



#20

Methylene Chloride

Concen: 19.587 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Tgt Ion: 84 Resp: 50462

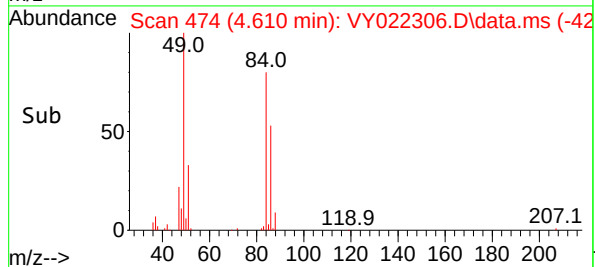
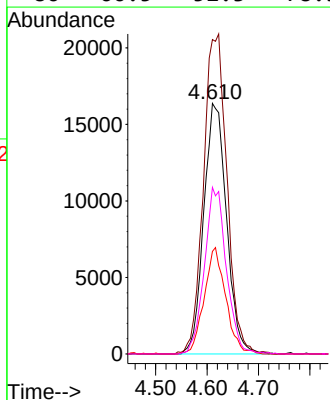
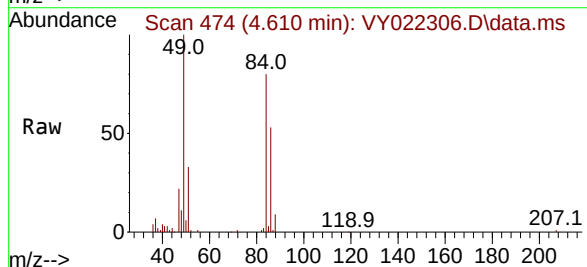
Ion Ratio Lower Upper

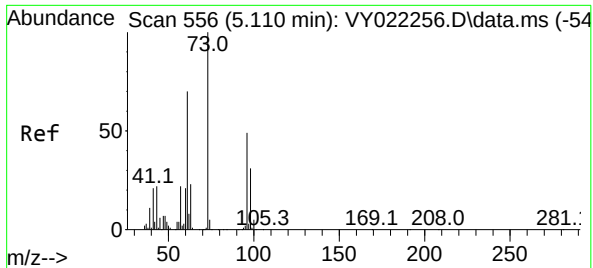
84 100

49 125.5 109.6 164.4

51 41.0 32.4 48.6

86 66.5 52.3 78.5

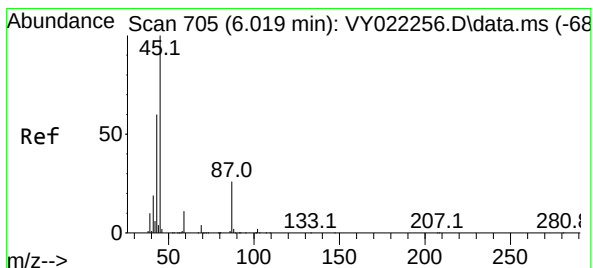
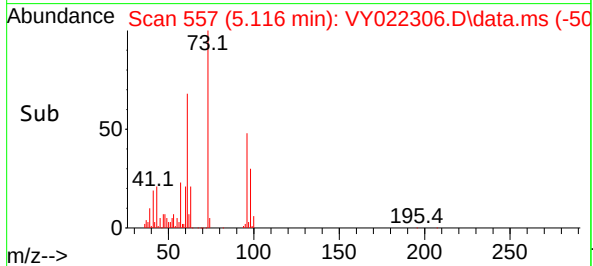
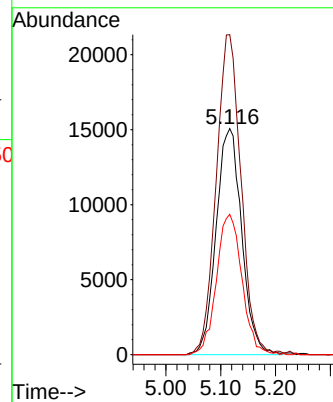
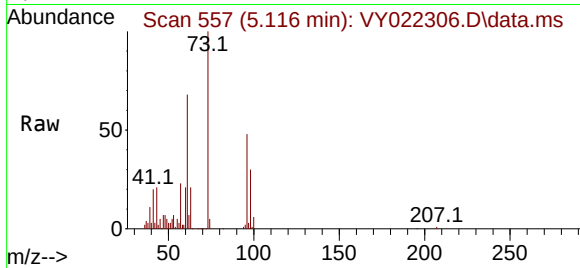




#21
trans-1,2-Dichloroethene
Concen: 21.262 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

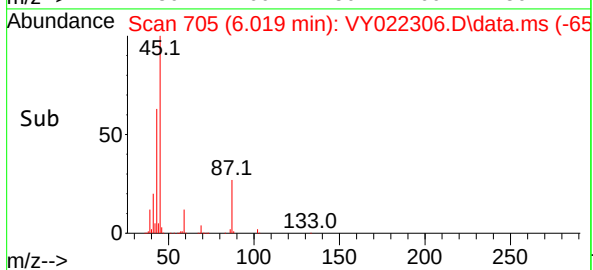
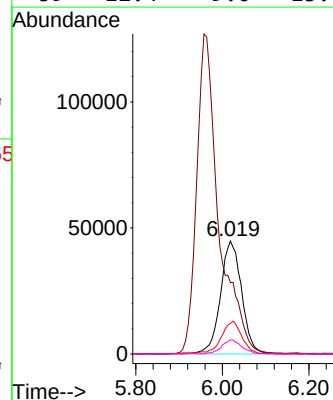
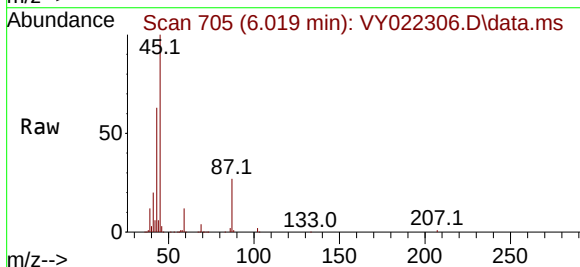
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

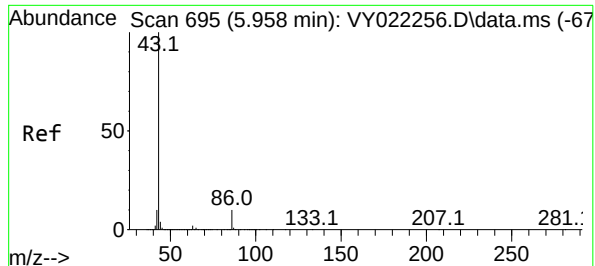
Tgt Ion: 96 Resp: 48842
Ion Ratio Lower Upper
96 100
61 141.6 113.4 170.0
98 62.1 50.9 76.3



#22
Diisopropyl ether
Concen: 19.781 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 45 Resp: 152437
Ion Ratio Lower Upper
45 100
43 62.6 48.2 72.2
87 27.1 21.4 32.0
59 12.4 9.0 13.4





#23

Vinyl Acetate

Concen: 96.539 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

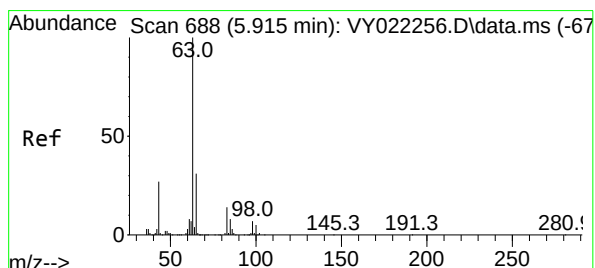
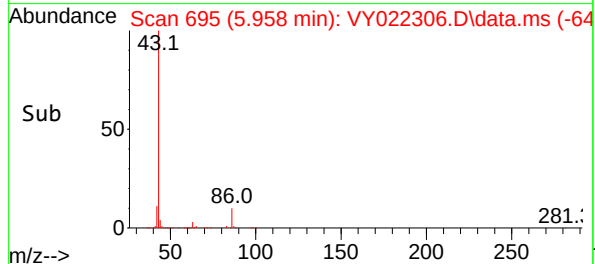
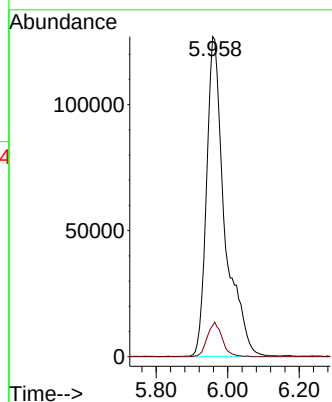
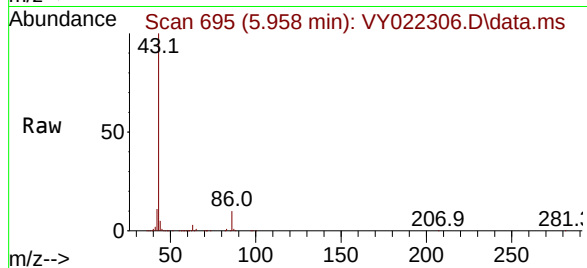
VY0519SBS01

Tgt Ion: 43 Resp: 449453

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.690 ug/l

RT: 5.909 min Scan# 687

Delta R.T. -0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

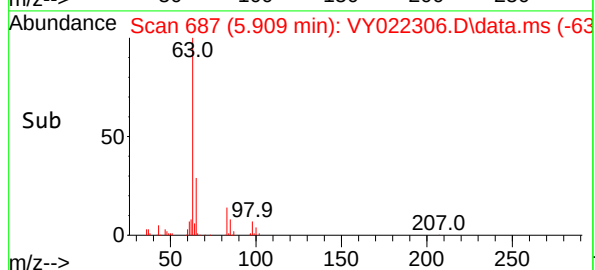
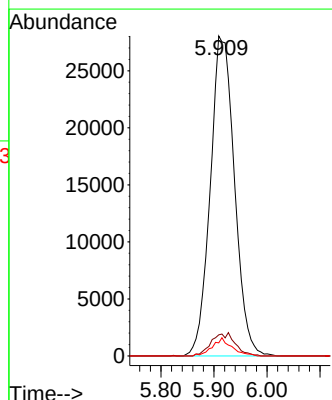
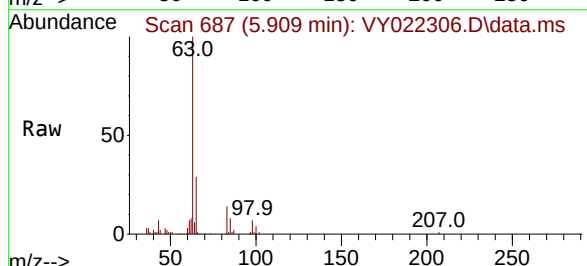
Tgt Ion: 63 Resp: 89079

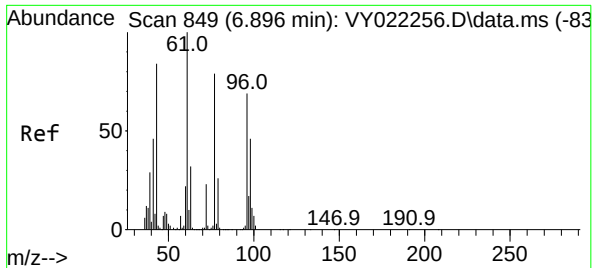
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 92.082 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

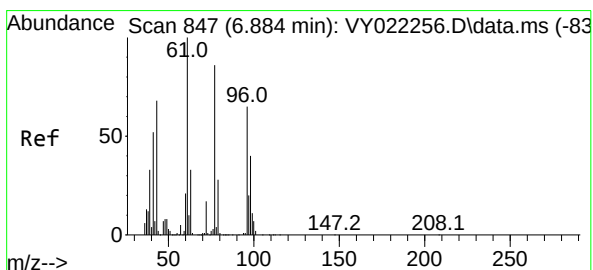
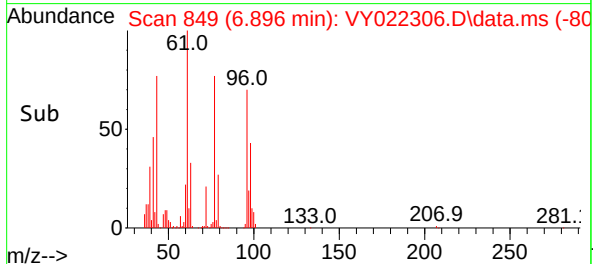
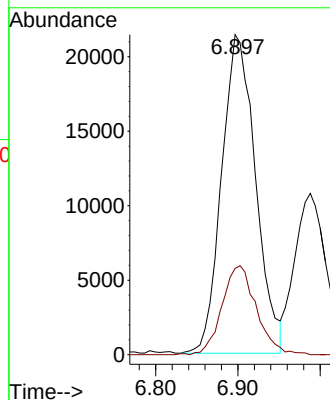
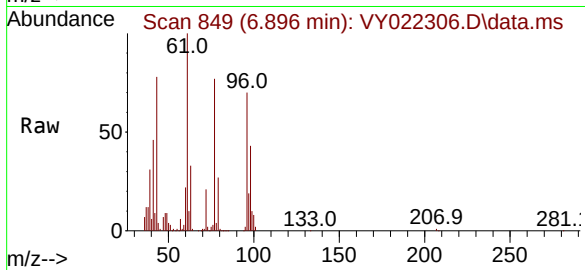
VY0519SBS01

Tgt Ion: 43 Resp: 61413

Ion Ratio Lower Upper

43 100

72 26.8 22.1 33.1



#26

2,2-Dichloropropane

Concen: 20.589 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022306.D

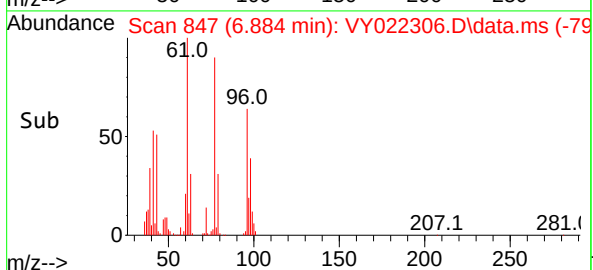
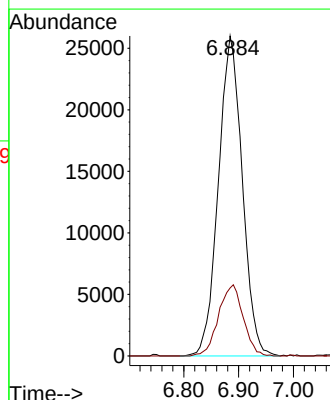
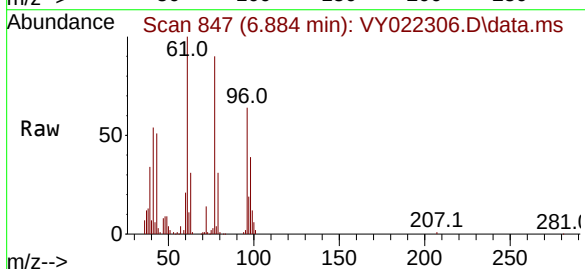
Acq: 19 May 2025 09:59

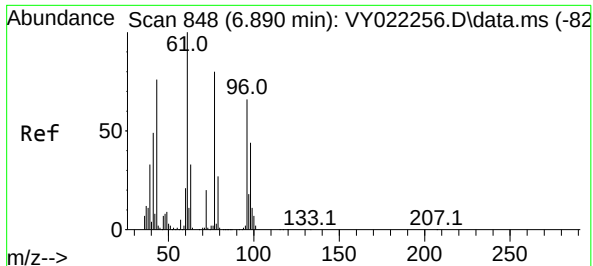
Tgt Ion: 77 Resp: 78841

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 21.061 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

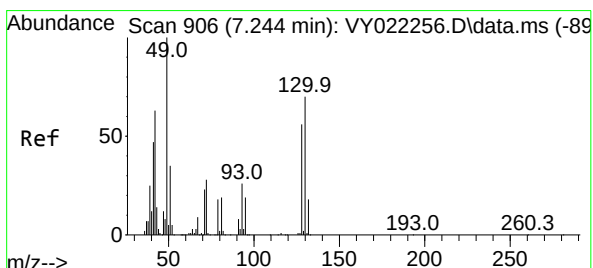
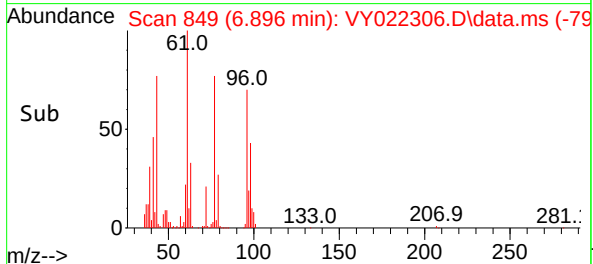
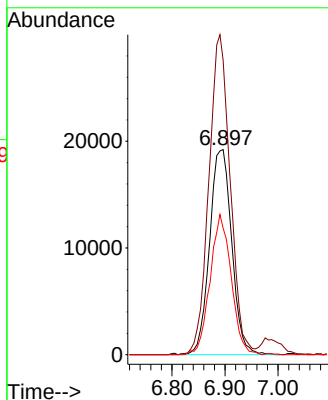
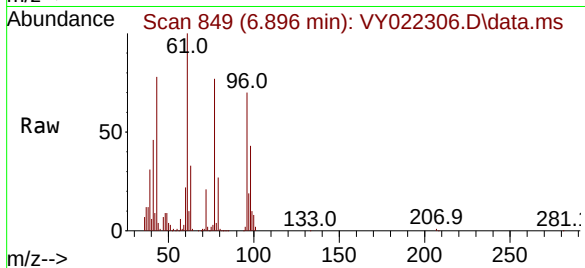
Tgt Ion: 96 Resp: 55830

Ion Ratio Lower Upper

96 100

61 149.8 0.0 302.6

98 64.9 0.0 128.8



#28

Bromochloromethane

Concen: 20.708 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

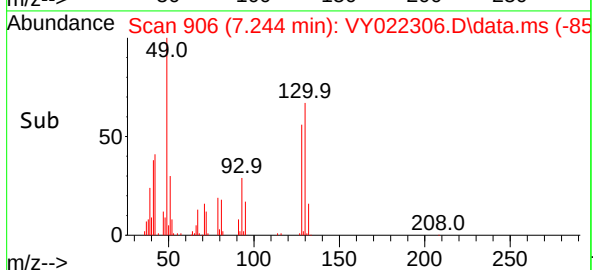
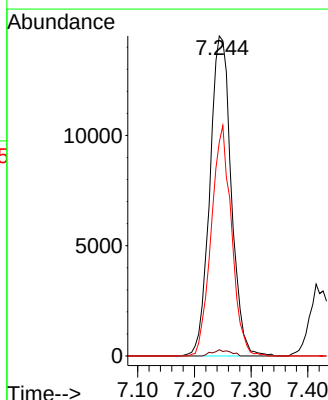
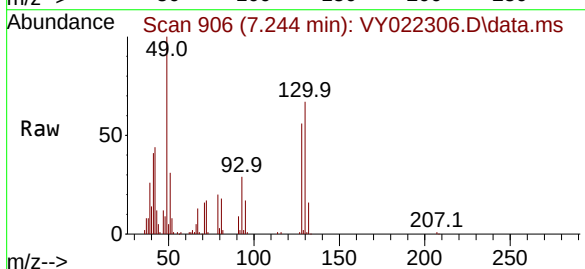
Tgt Ion: 49 Resp: 38029

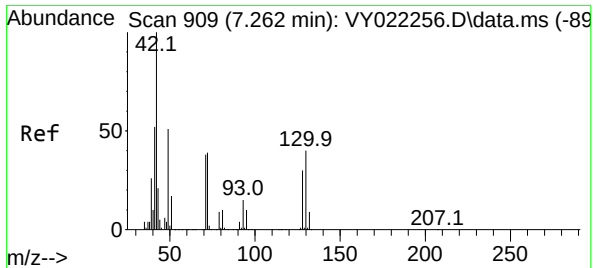
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

130 68.0 54.7 82.1





#29

Tetrahydrofuran

Concen: 99.910 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

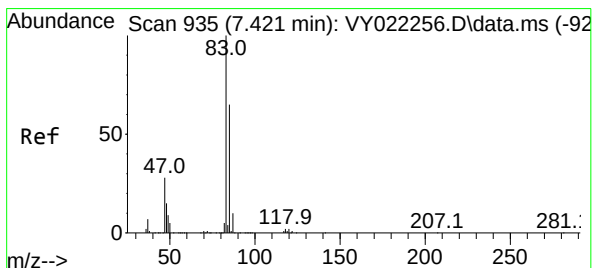
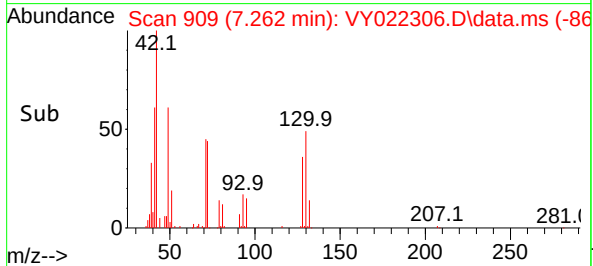
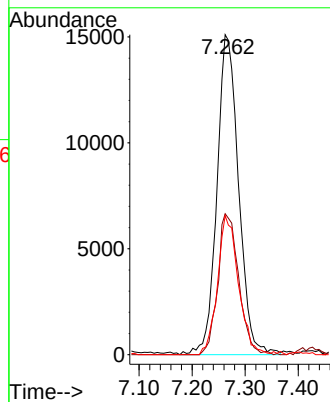
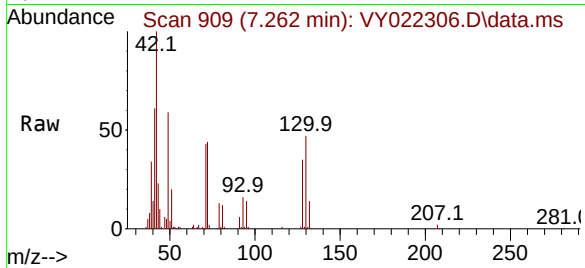
MSVOA_Y

ClientSampleId :

VY0519SBS01

Tgt Ion: 42 Resp: 42869

Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.8	50.6
71	41.8	31.5	47.3



#30

Chloroform

Concen: 21.469 ug/l

RT: 7.421 min Scan# 935

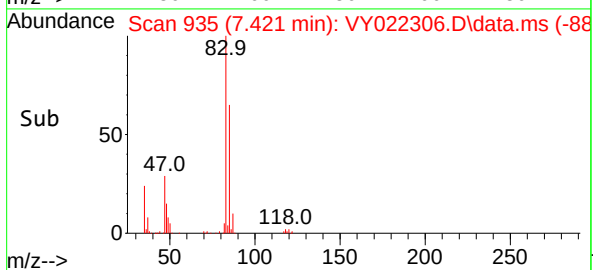
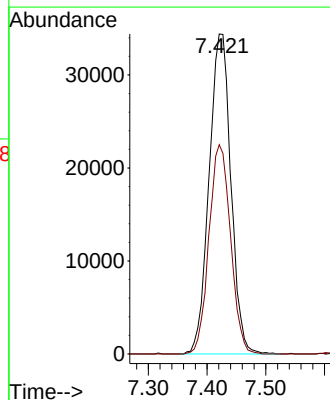
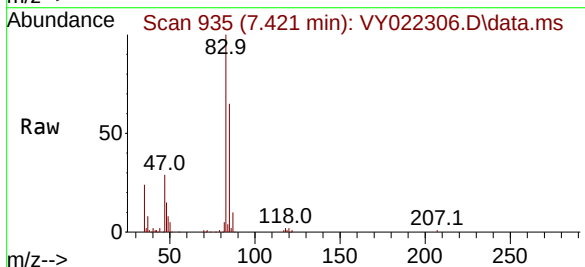
Delta R.T. 0.000 min

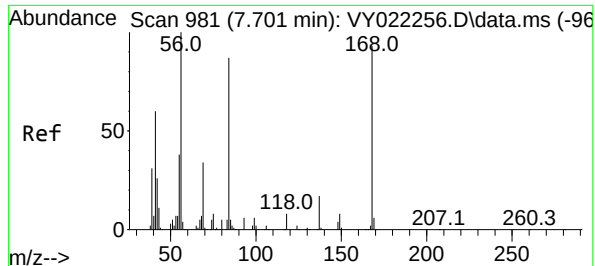
Lab File: VY022306.D

Acq: 19 May 2025 09:59

Tgt Ion: 83 Resp: 88657

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.8





#31

Cyclohexane

Concen: 20.447 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

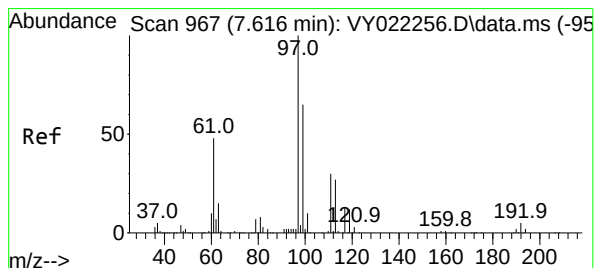
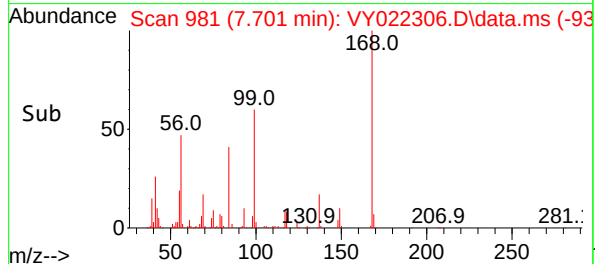
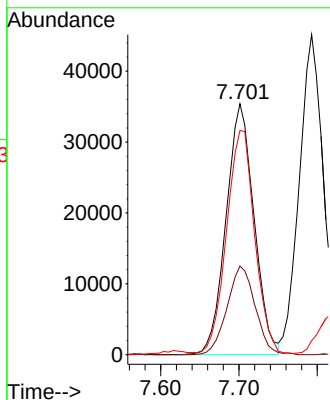
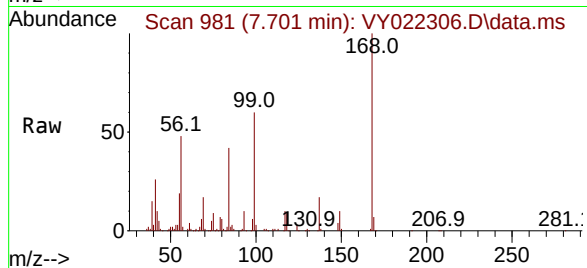
Tgt Ion: 56 Resp: 87956

Ion Ratio Lower Upper

56 100

69 35.3 27.4 41.2

84 87.9 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 21.045 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

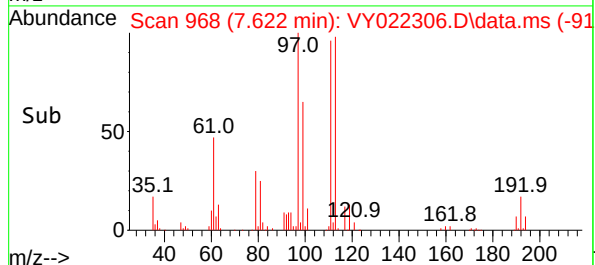
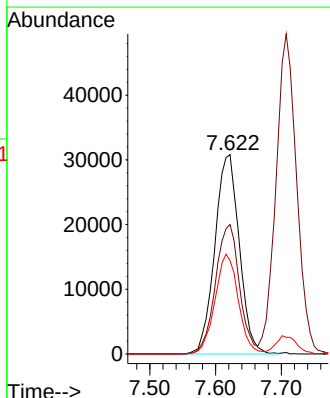
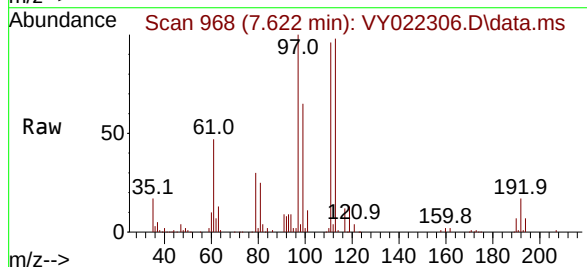
Tgt Ion: 97 Resp: 79733

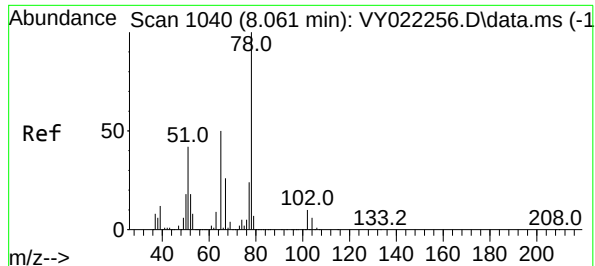
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 47.8 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 50.486 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

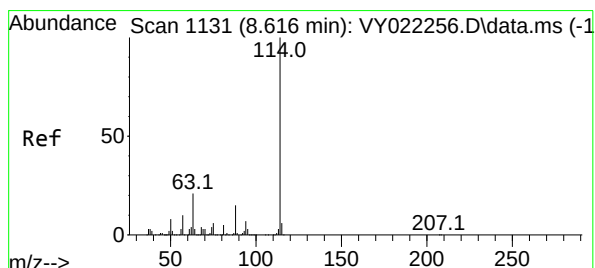
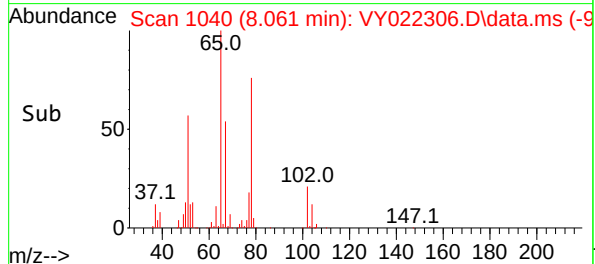
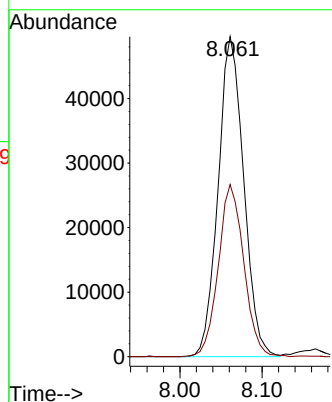
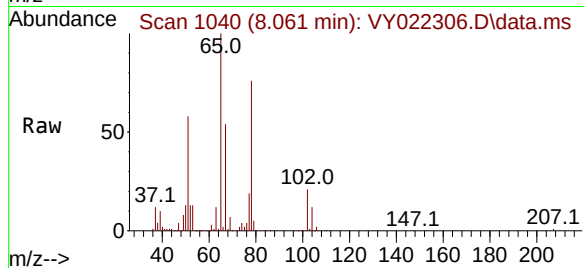
VY0519SBS01

Tgt Ion: 65 Resp: 107354

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

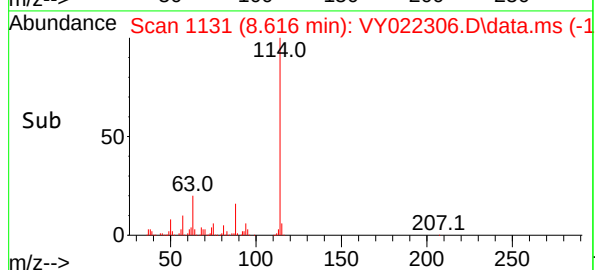
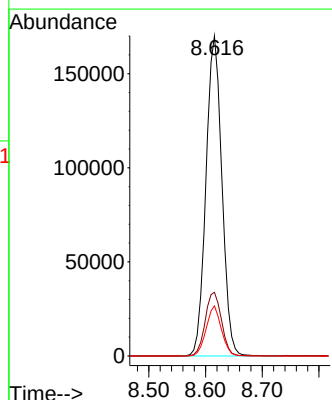
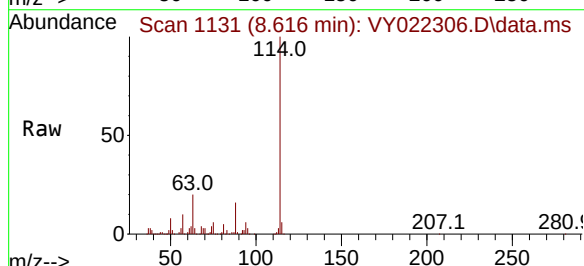
Tgt Ion:114 Resp: 331521

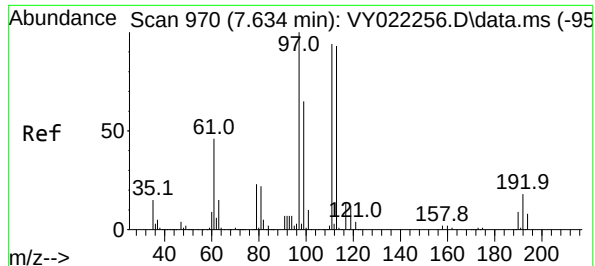
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.755 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

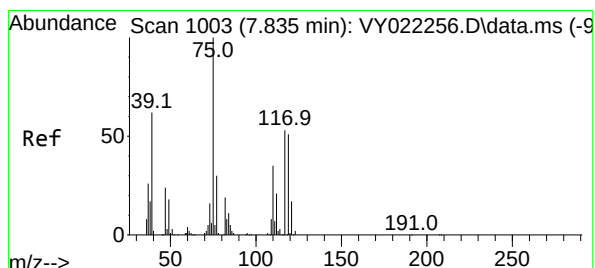
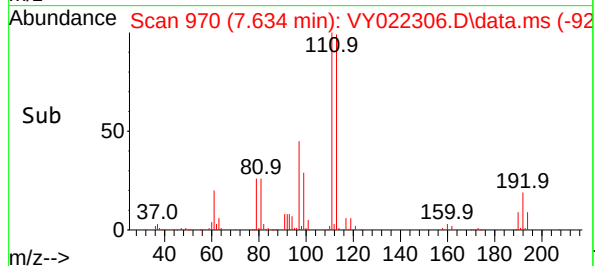
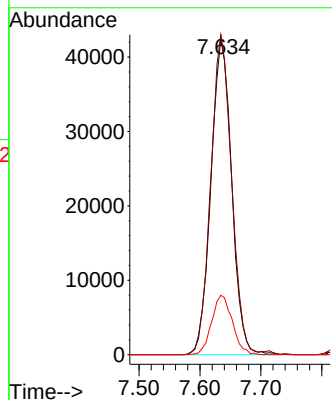
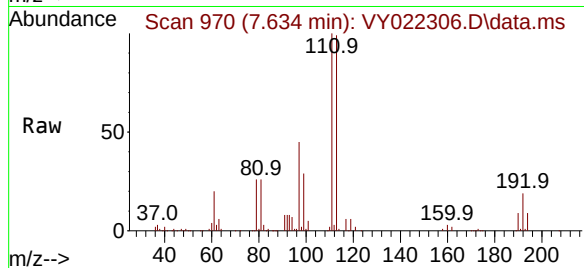
Tgt Ion:113 Resp: 100429

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 18.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.671 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

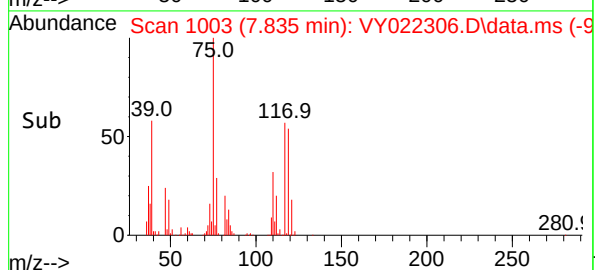
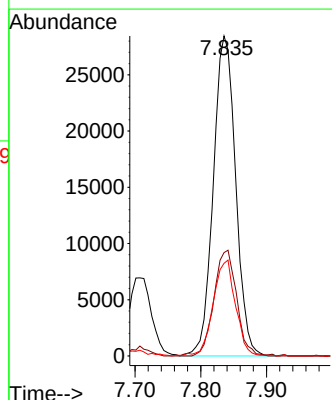
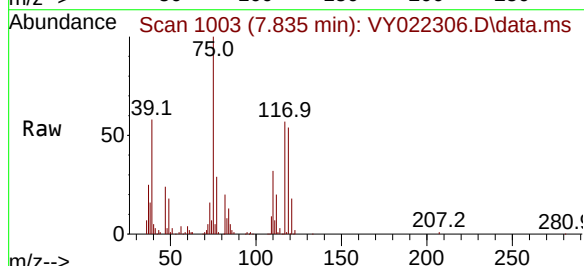
Tgt Ion: 75 Resp: 67371

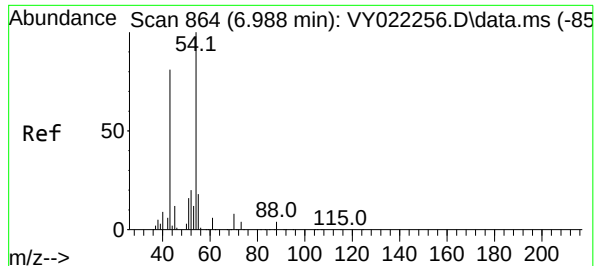
Ion Ratio Lower Upper

75 100

110 33.3 16.6 49.8

77 30.0 24.6 37.0





#37

Ethyl Acetate

Concen: 18.954 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

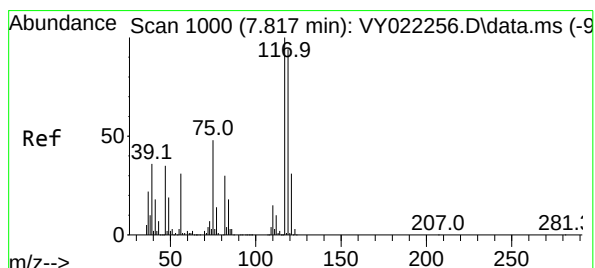
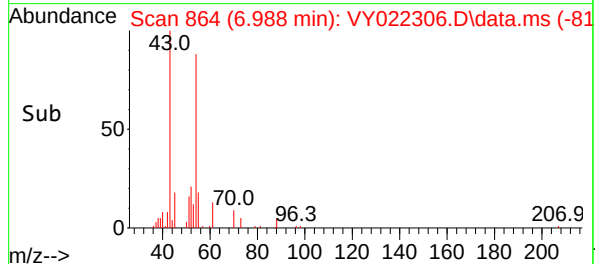
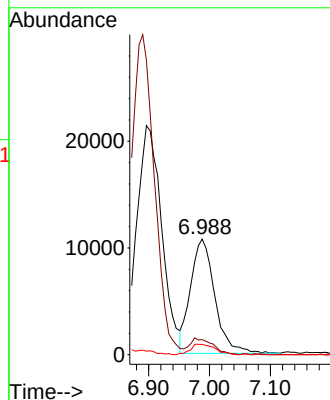
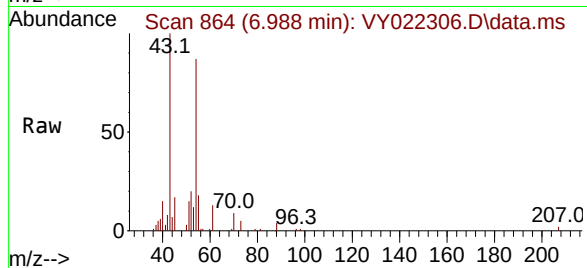
Tgt Ion: 43 Resp: 29722

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.2

70 9.2 7.6 11.4



#38

Carbon Tetrachloride

Concen: 20.608 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

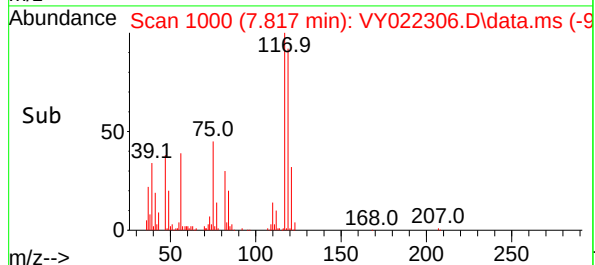
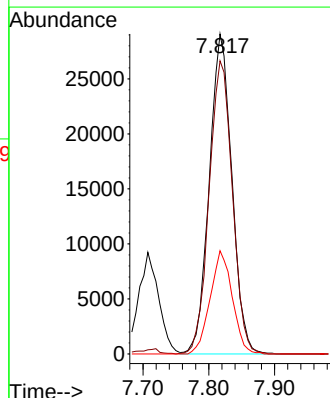
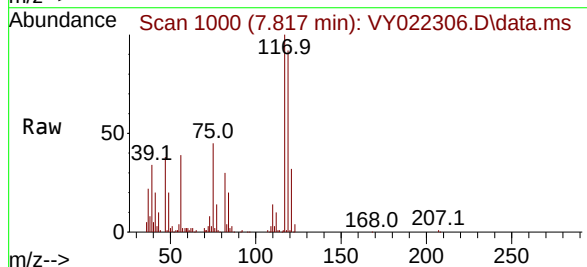
Tgt Ion: 117 Resp: 69525

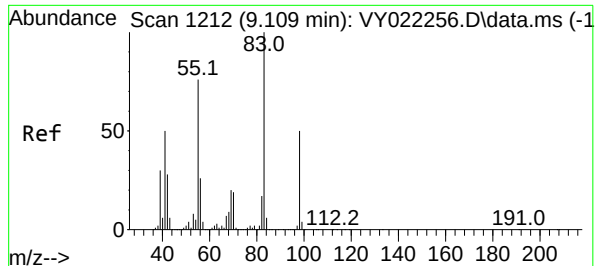
Ion Ratio Lower Upper

117 100

119 91.6 75.3 112.9

121 32.2 24.7 37.1





#39

Methylcyclohexane

Concen: 20.012 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

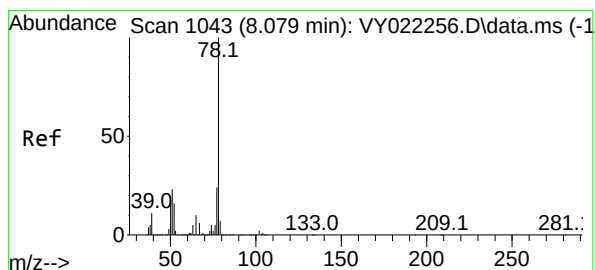
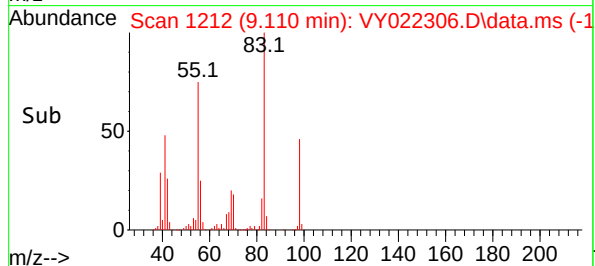
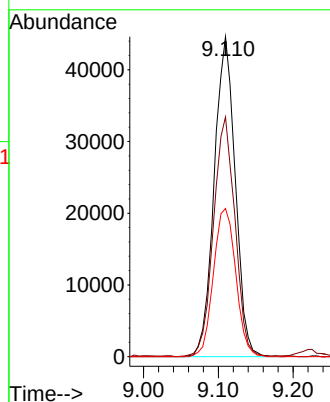
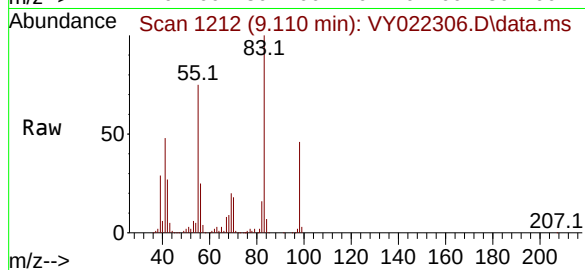
Tgt Ion: 83 Resp: 87625

Ion Ratio Lower Upper

83 100

55 74.8 60.6 90.8

98 46.3 40.0 60.0



#40

Benzene

Concen: 20.744 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022306.D

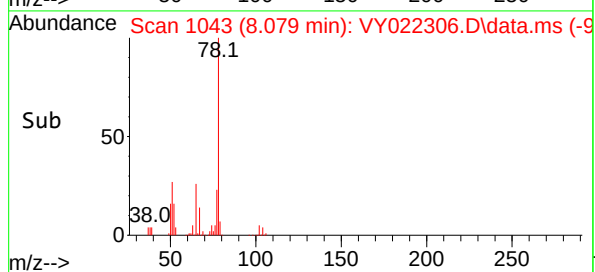
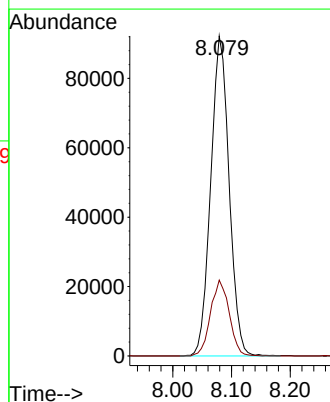
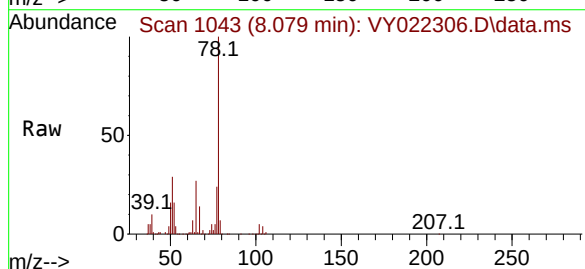
Acq: 19 May 2025 09:59

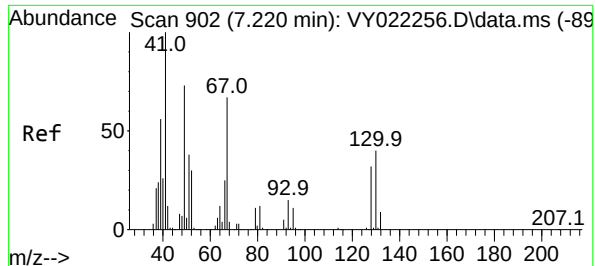
Tgt Ion: 78 Resp: 200424

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3





#41

Methacrylonitrile

Concen: 15.462 ug/l

RT: 7.226 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

Tgt Ion: 41 Resp: 16084

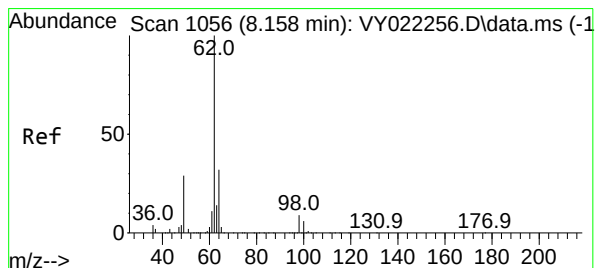
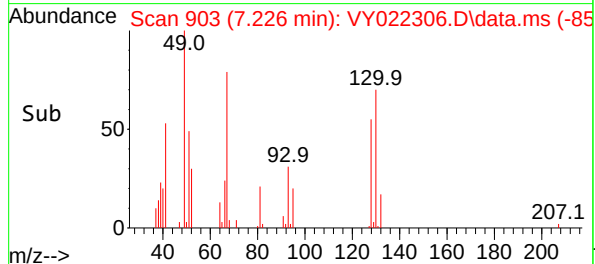
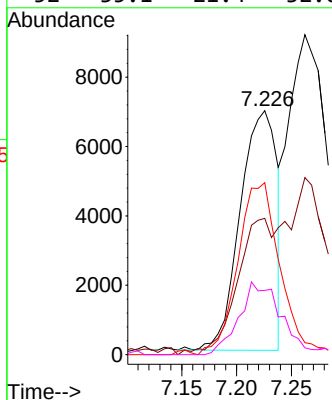
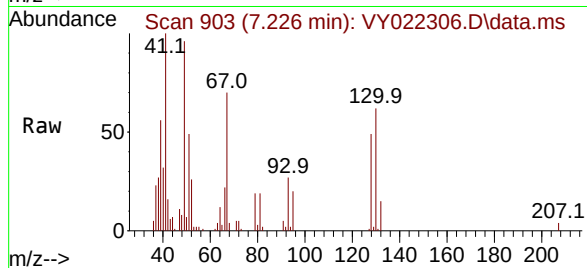
Ion Ratio Lower Upper

41 100

39 53.9 39.1 58.7

67 82.3 47.1 70.7#

52 35.1 21.4 32.0#



#42

1,2-Dichloroethane

Concen: 20.174 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VY022306.D

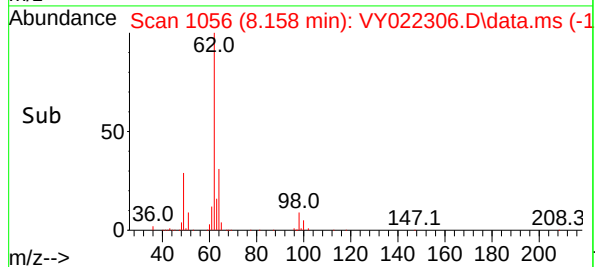
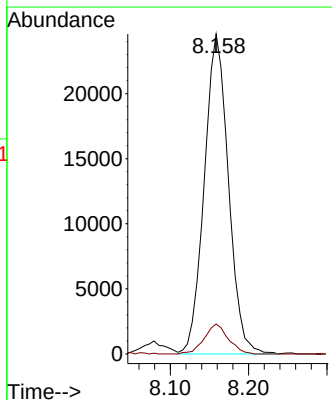
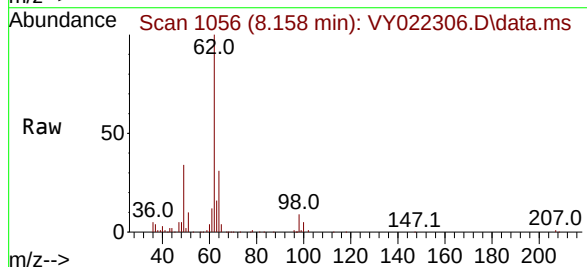
Acq: 19 May 2025 09:59

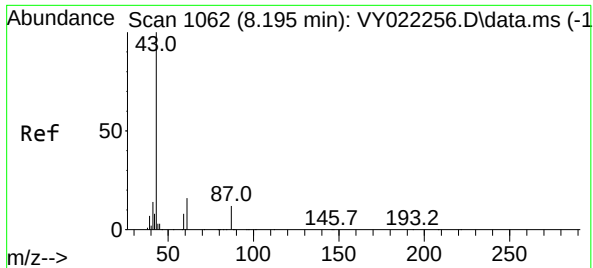
Tgt Ion: 62 Resp: 52712

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 18.865 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

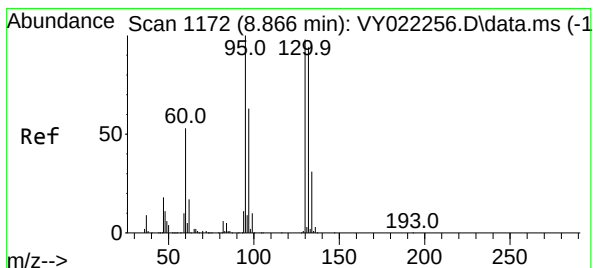
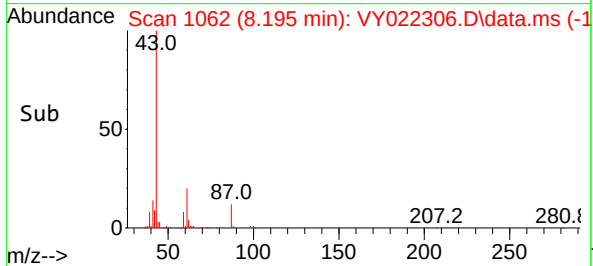
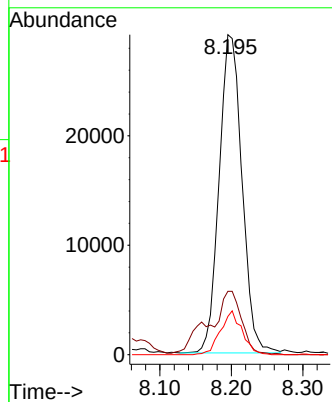
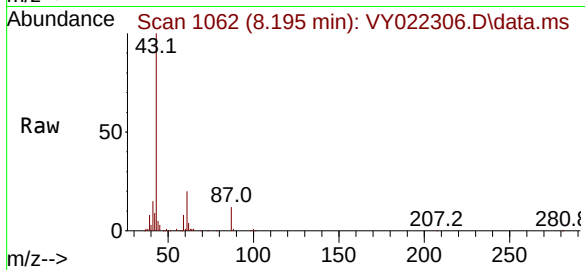
Tgt Ion: 43 Resp: 64516

Ion Ratio Lower Upper

43 100

61 18.4 15.1 22.7

87 13.0 9.7 14.5



#44

Trichloroethene

Concen: 20.667 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022306.D

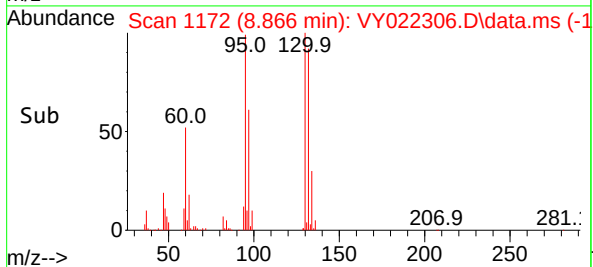
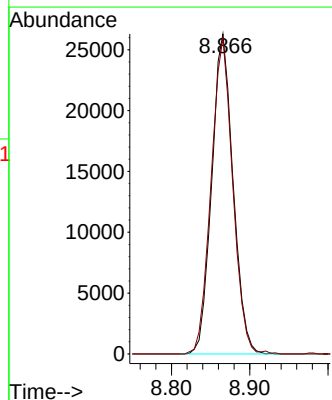
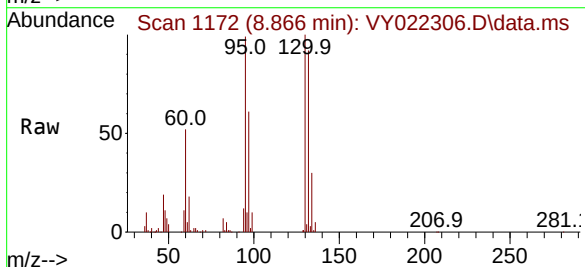
Acq: 19 May 2025 09:59

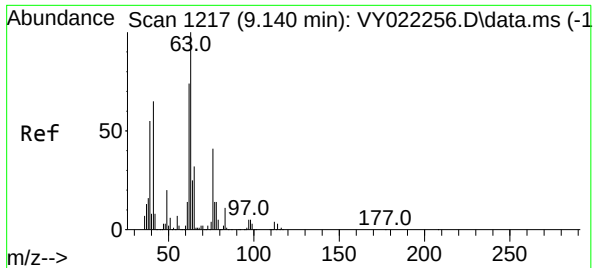
Tgt Ion:130 Resp: 49650

Ion Ratio Lower Upper

130 100

95 98.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.183 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

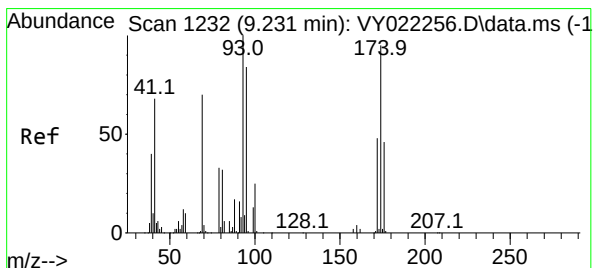
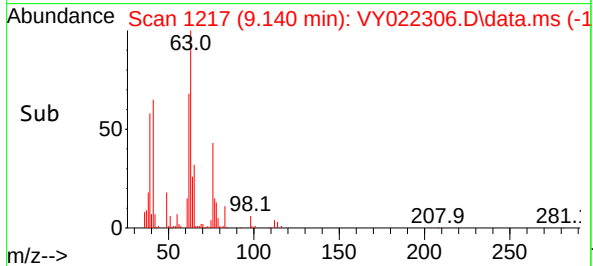
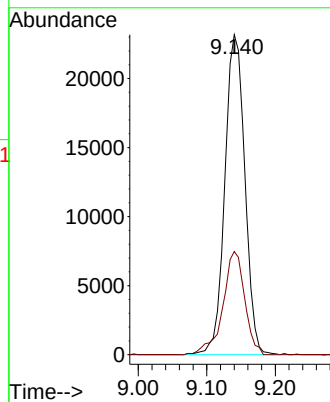
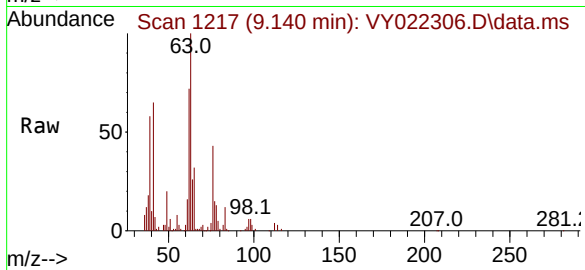
VY0519SBS01

Tgt Ion: 63 Resp: 47015

Ion Ratio Lower Upper

63 100

65 32.3 25.7 38.5



#46

Dibromomethane

Concen: 20.847 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

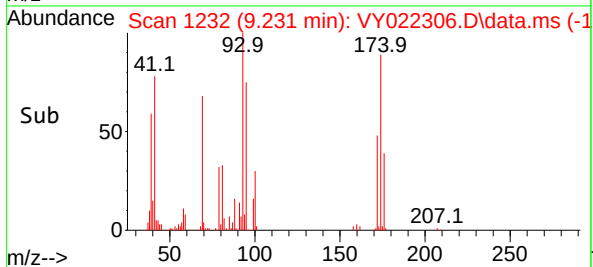
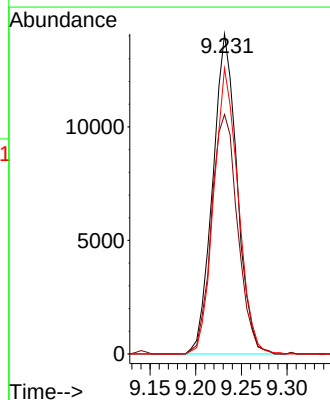
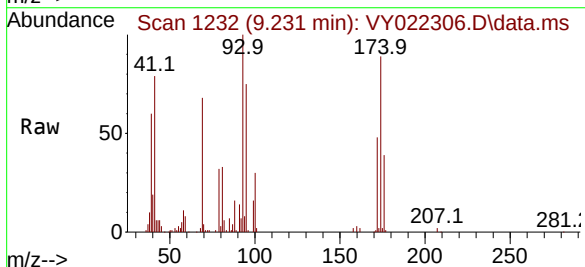
Tgt Ion: 93 Resp: 26192

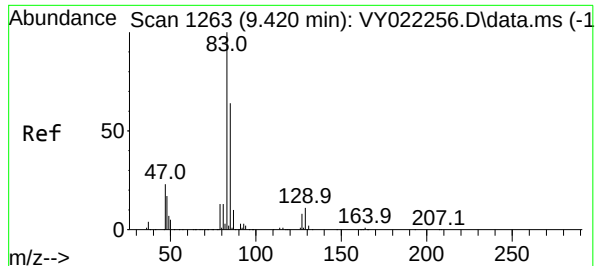
Ion Ratio Lower Upper

93 100

95 79.9 65.2 97.8

174 89.2 74.3 111.5





#47

Bromodichloromethane

Concen: 20.505 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

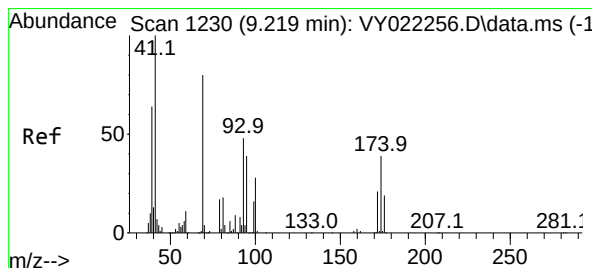
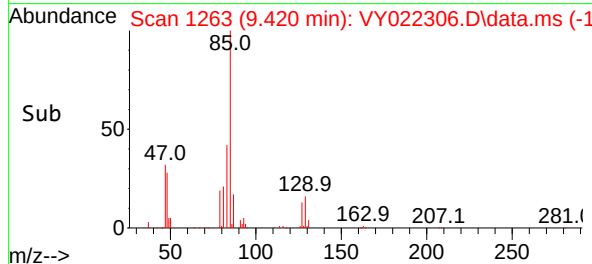
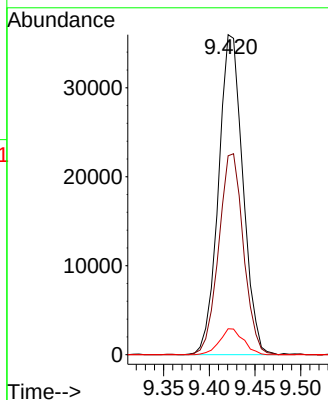
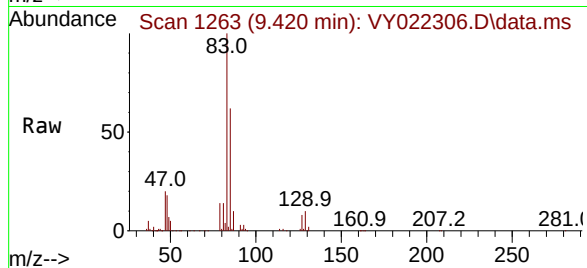
Tgt Ion: 83 Resp: 66833

Ion Ratio Lower Upper

83 100

85 62.2 51.1 76.7

127 8.1 6.6 10.0



#48

Methyl methacrylate

Concen: 18.415 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

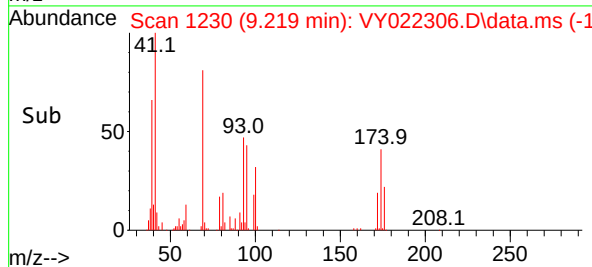
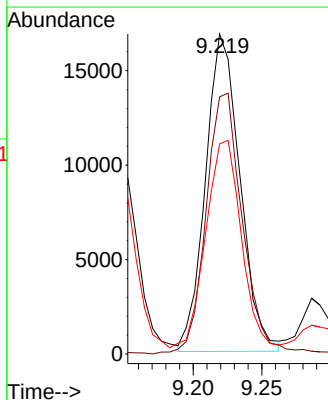
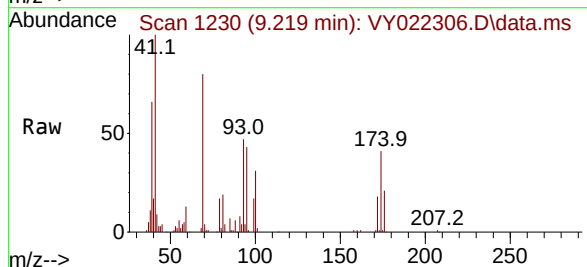
Tgt Ion: 41 Resp: 29452

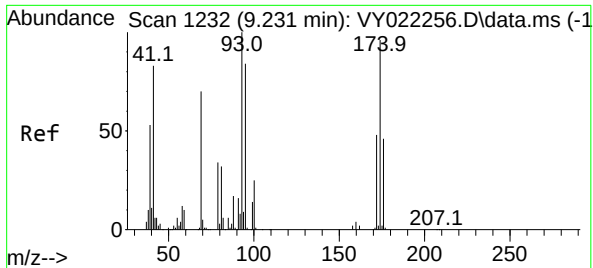
Ion Ratio Lower Upper

41 100

69 86.6 63.5 95.3

39 67.1 50.8 76.2





#49

1,4-Dioxane

Concen: 390.819 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

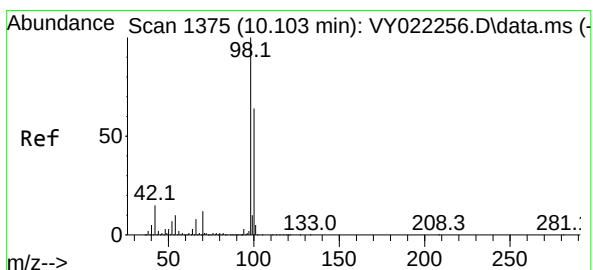
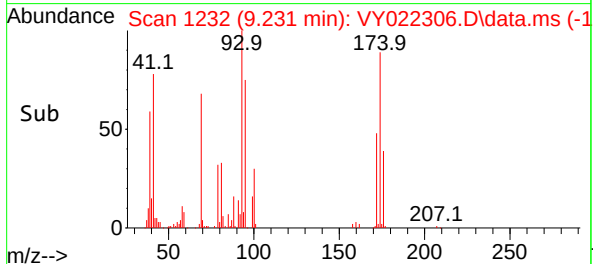
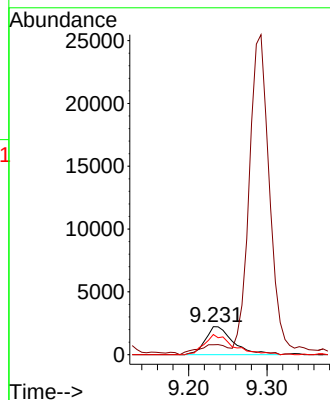
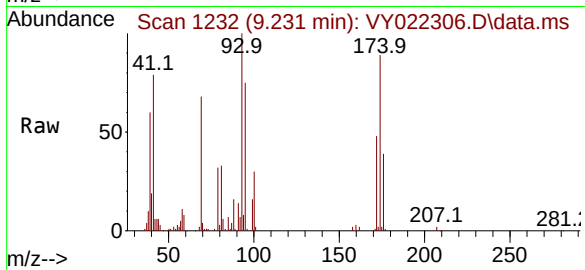
Tgt Ion: 88 Resp: 5547

Ion Ratio Lower Upper

88 100

43 36.7 28.5 42.7

58 74.3 61.4 92.2



#50

Toluene-d8

Concen: 51.188 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022306.D

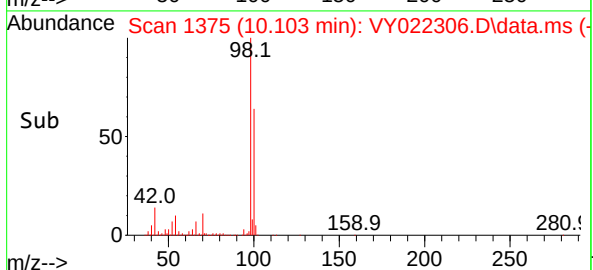
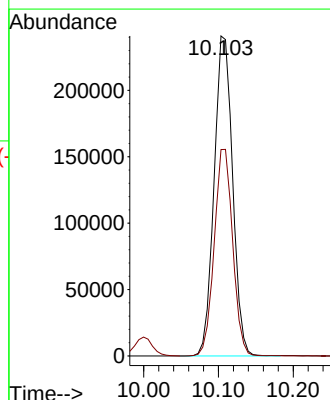
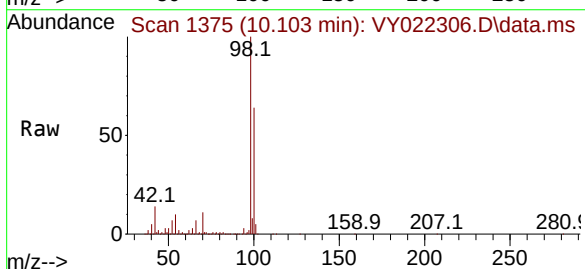
Acq: 19 May 2025 09:59

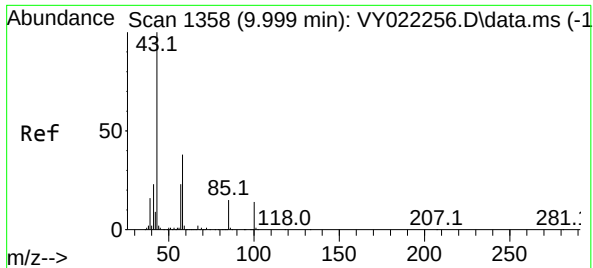
Tgt Ion: 98 Resp: 414823

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8

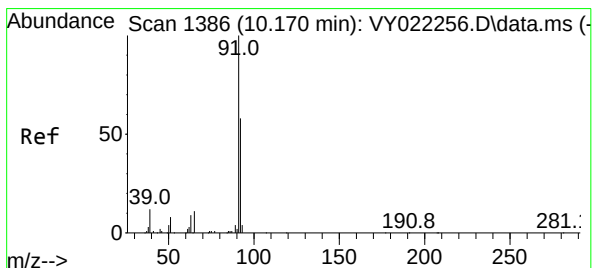
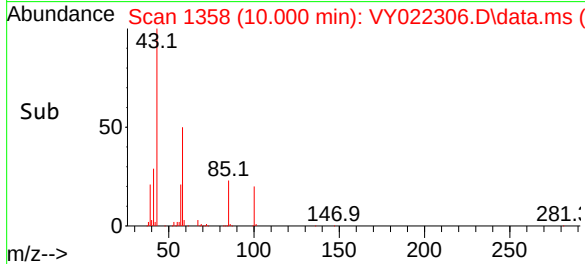
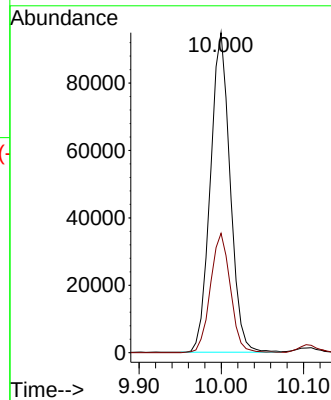
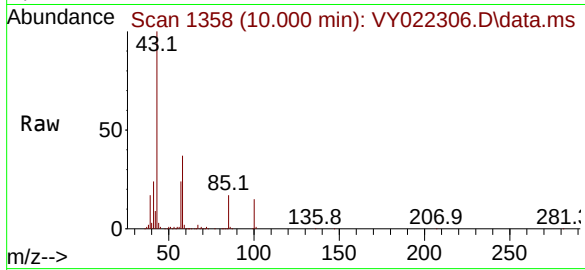




#51
4-Methyl-2-Pentanone
Concen: 94.253 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

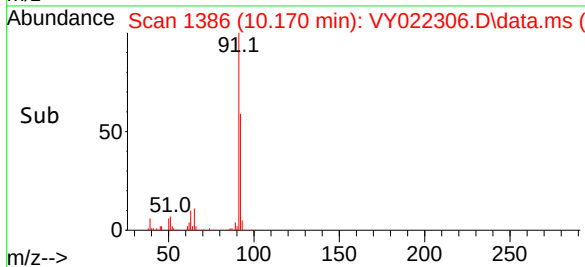
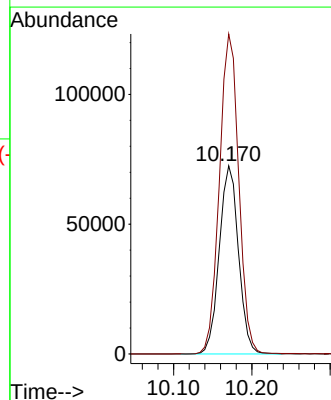
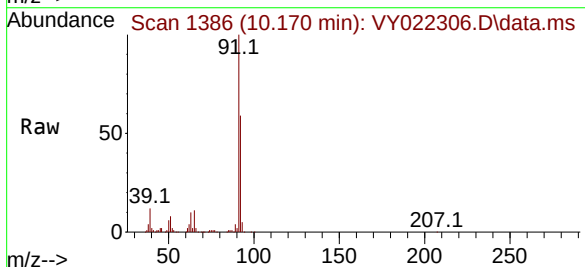
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

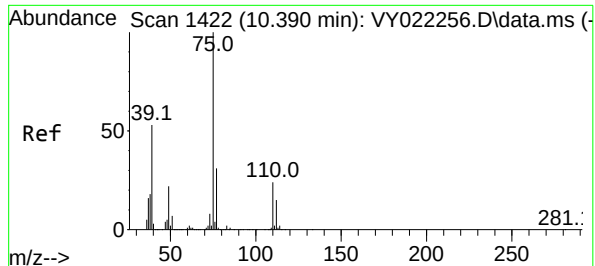
Tgt Ion: 43 Resp: 158163
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.2



#52
Toluene
Concen: 20.220 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 92 Resp: 123710
Ion Ratio Lower Upper
92 100
91 171.4 139.1 208.7

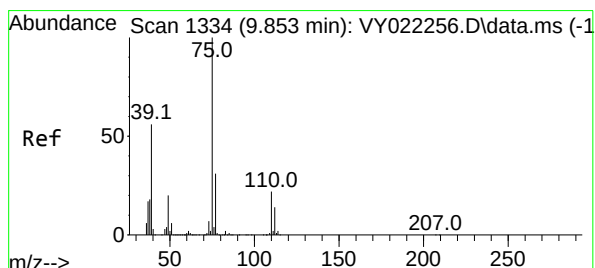
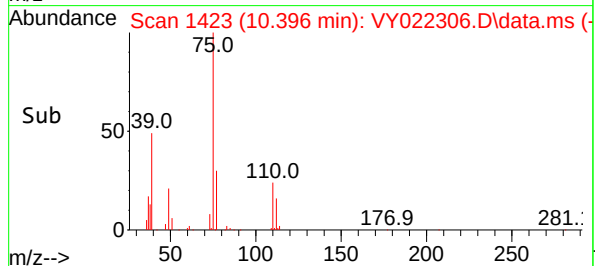
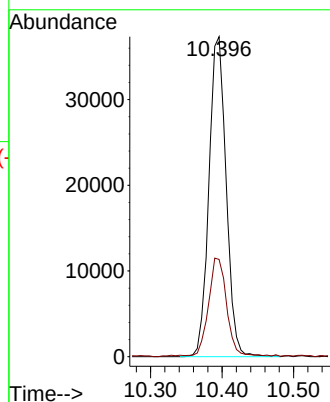
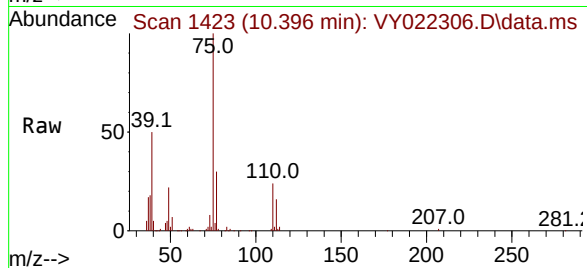




#53
t-1,3-Dichloropropene
Concen: 19.612 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

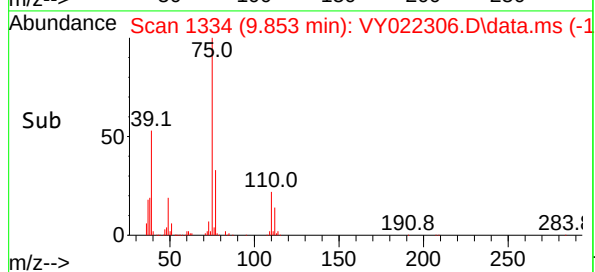
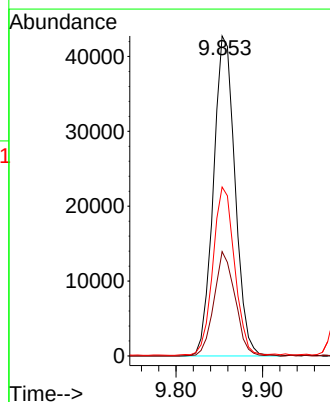
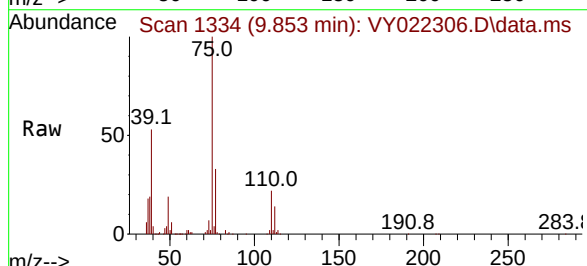
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

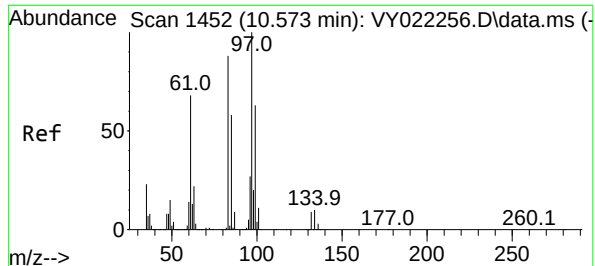
Tgt Ion: 75 Resp: 62382
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.346 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 75 Resp: 74146
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7
39 52.5 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.796 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

Tgt Ion: 97 Resp: 33457

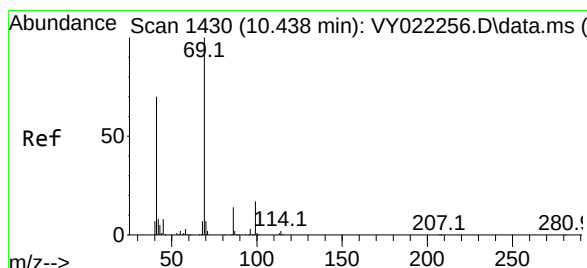
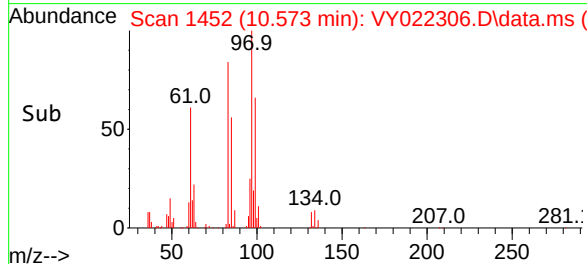
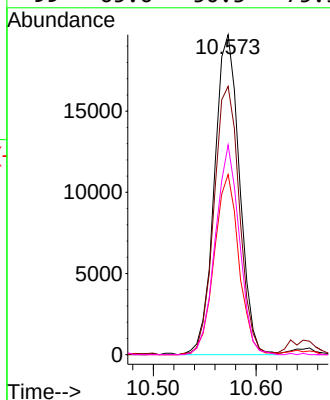
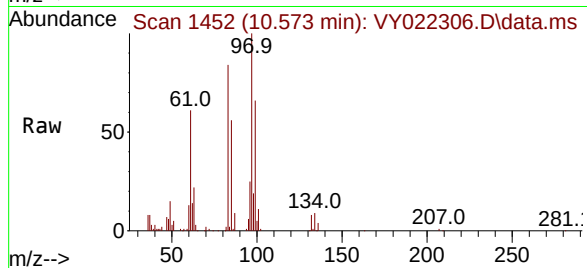
Ion Ratio Lower Upper

97 100

83 83.8 70.3 105.5

85 56.3 46.2 69.4

99 65.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.481 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

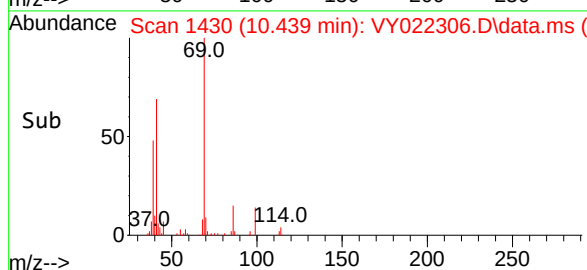
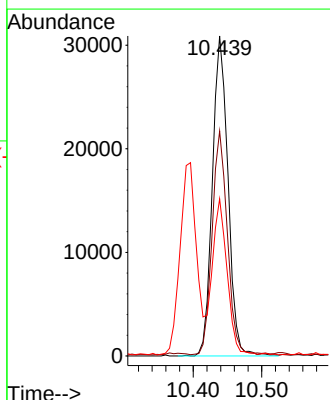
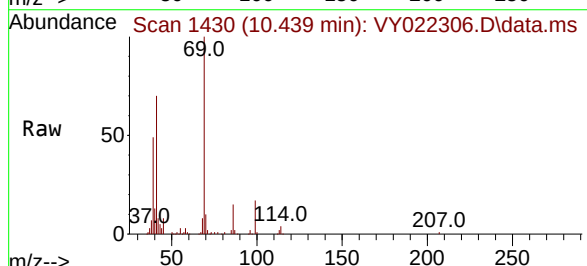
Tgt Ion: 69 Resp: 48821

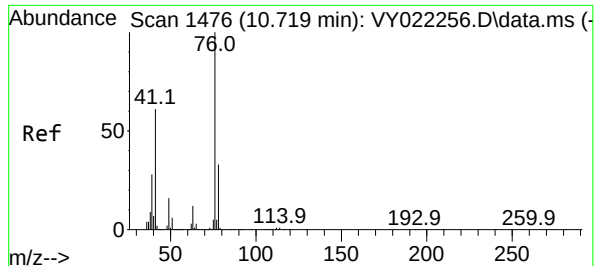
Ion Ratio Lower Upper

69 100

41 68.4 56.5 84.7

39 46.6 37.1 55.7





#57

1,3-Dichloropropane

Concen: 19.960 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

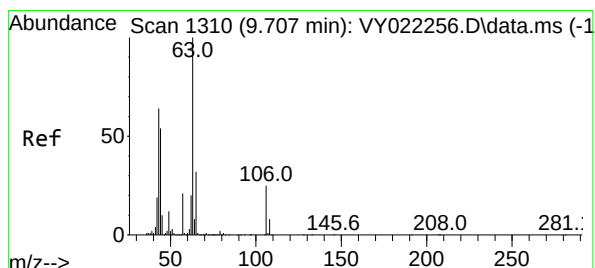
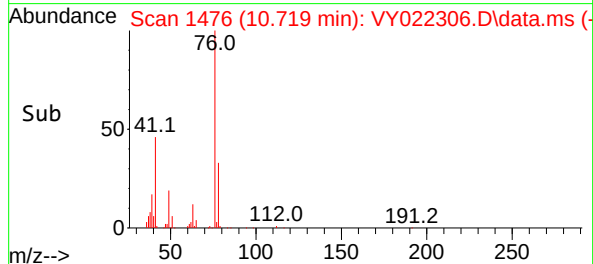
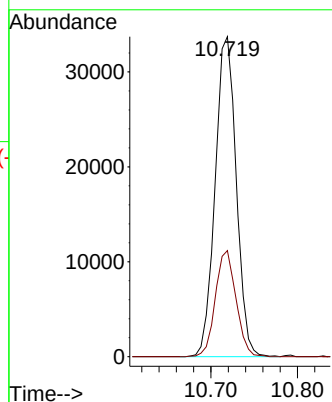
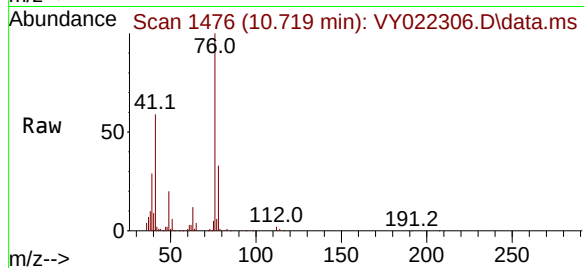
VY0519SBS01

Tgt Ion: 76 Resp: 57054

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 88.837 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022306.D

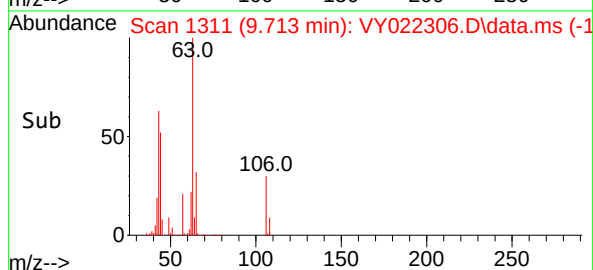
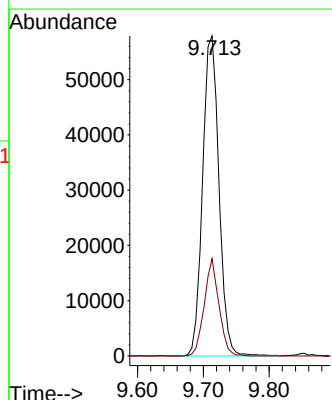
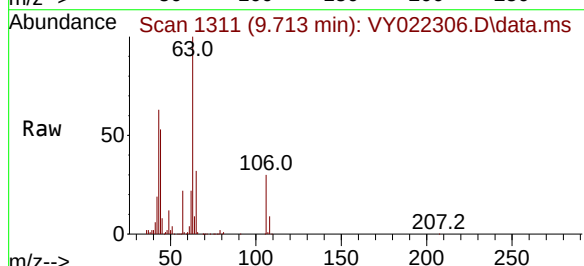
Acq: 19 May 2025 09:59

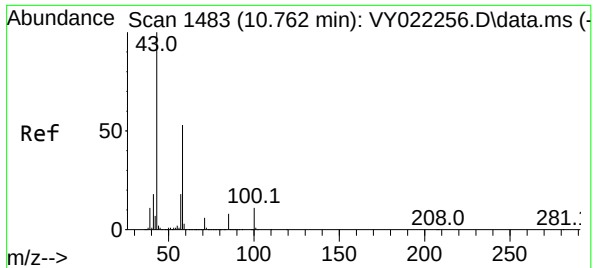
Tgt Ion: 63 Resp: 99928

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.4

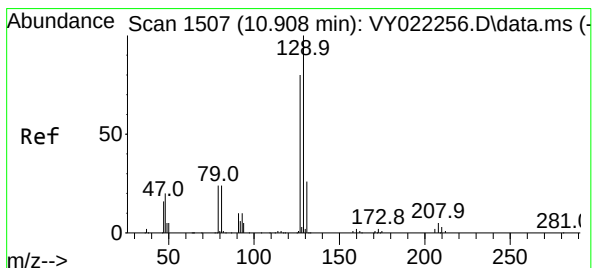
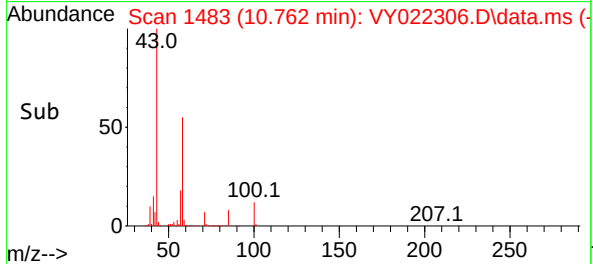
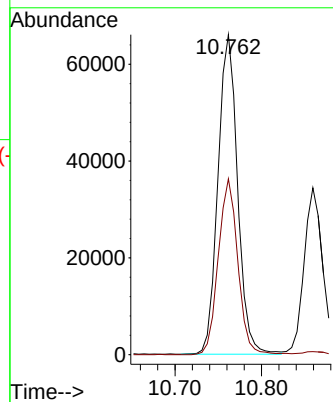
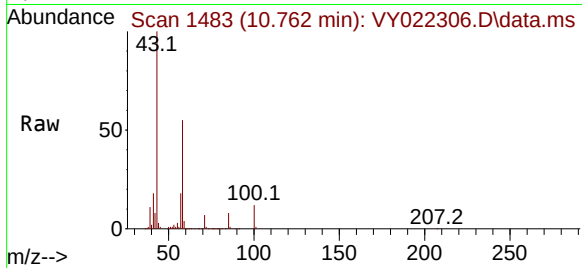




#59
2-Hexanone
Concen: 92.391 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

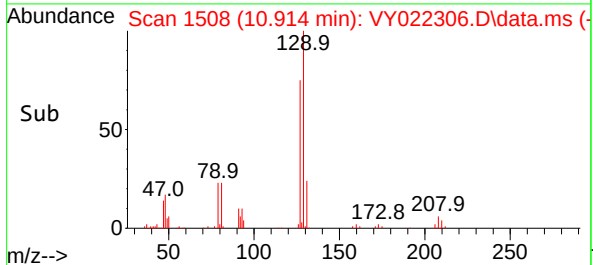
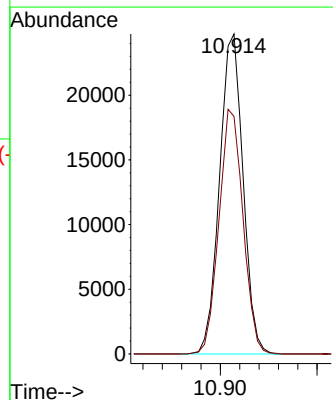
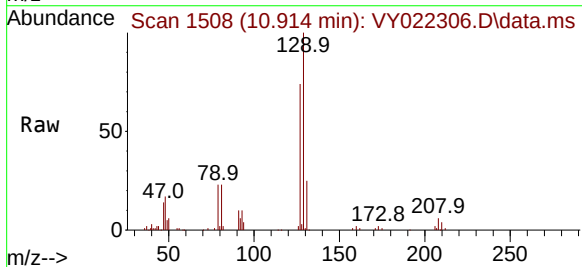
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

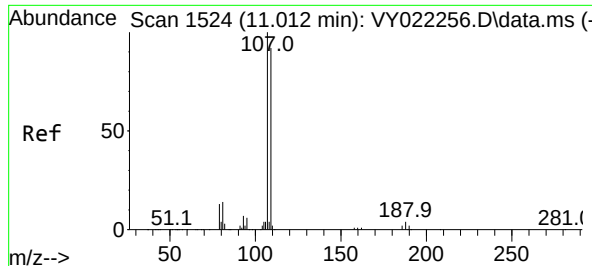
Tgt Ion: 43 Resp: 103950
Ion Ratio Lower Upper
43 100
58 54.9 26.1 78.3



#60
Dibromochloromethane
Concen: 19.938 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 129 Resp: 41635
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

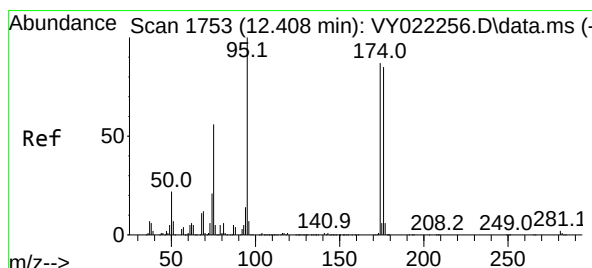
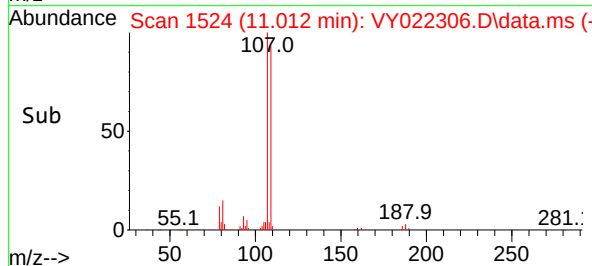
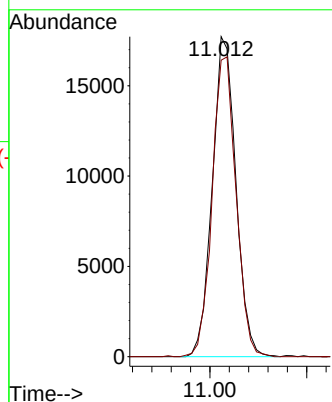
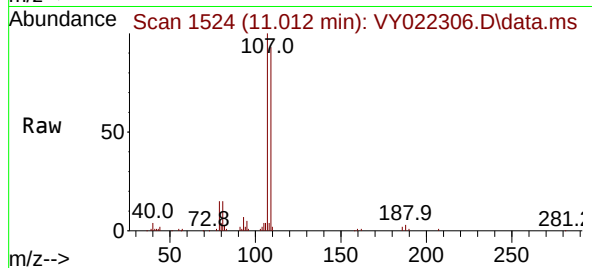




#61
1,2-Dibromoethane
Concen: 20.005 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

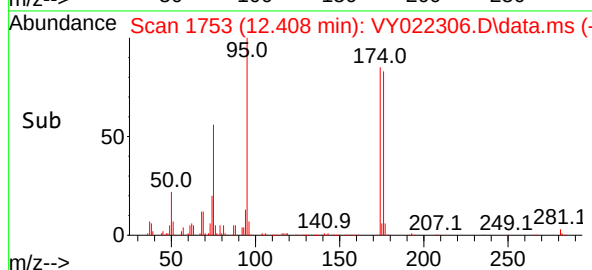
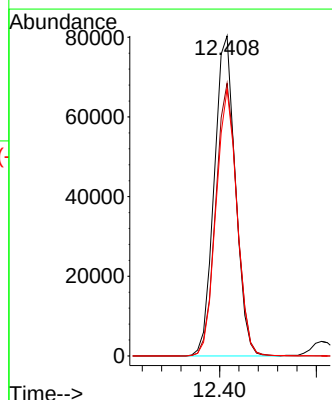
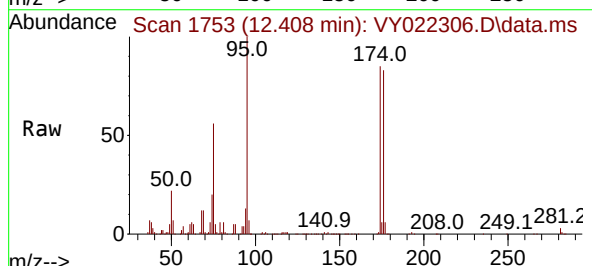
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

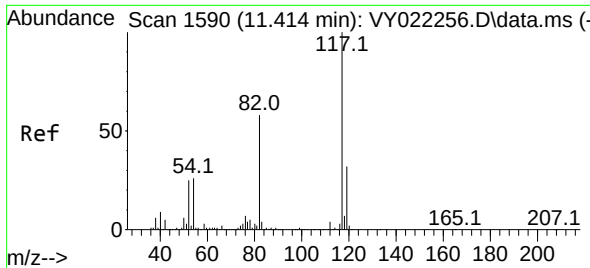
Tgt Ion:107 Resp: 29997
Ion Ratio Lower Upper
107 100
109 95.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.460 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 95 Resp: 121910
Ion Ratio Lower Upper
95 100
174 85.5 0.0 166.8
176 82.6 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

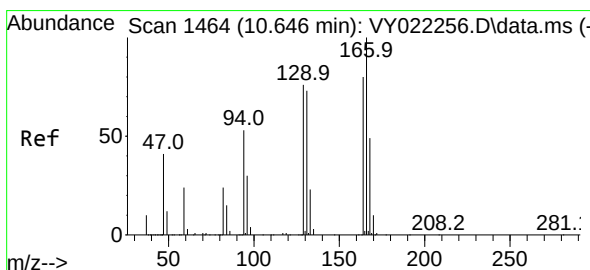
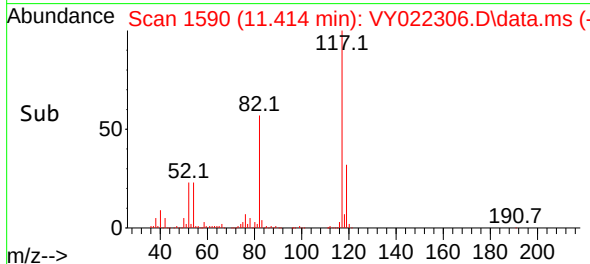
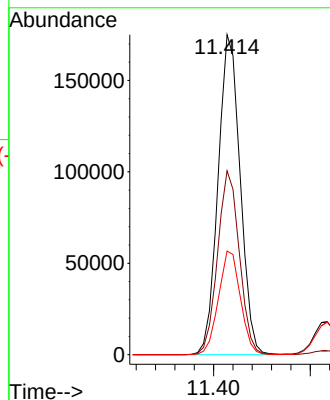
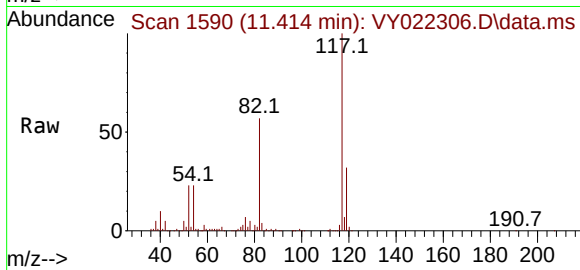
Tgt Ion:117 Resp: 276940

Ion Ratio Lower Upper

117 100

82 57.4 46.6 70.0

119 32.4 25.8 38.6



#64

Tetrachloroethene

Concen: 20.341 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Tgt Ion:164 Resp: 52068

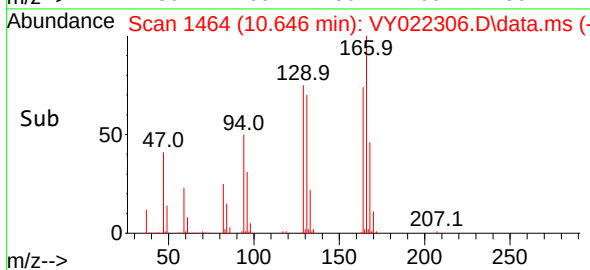
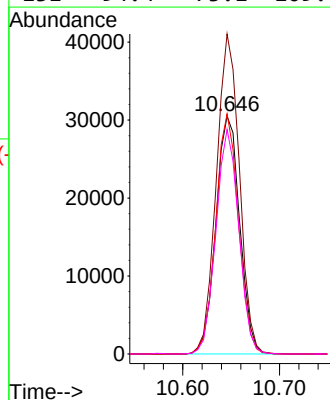
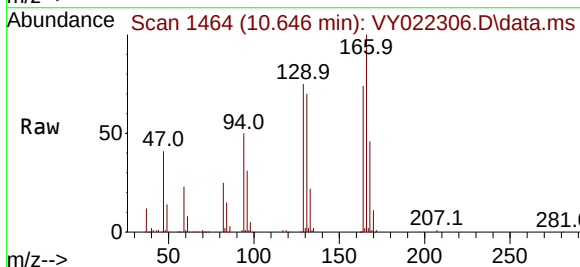
Ion Ratio Lower Upper

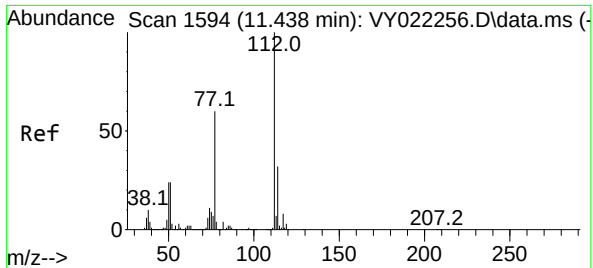
164 100

166 134.6 100.4 150.6

129 101.0 76.4 114.6

131 94.4 73.1 109.7

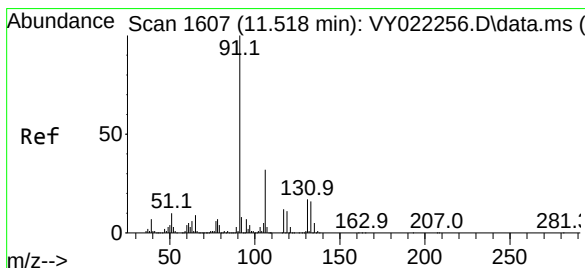
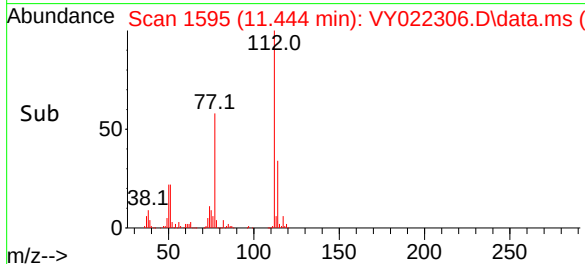
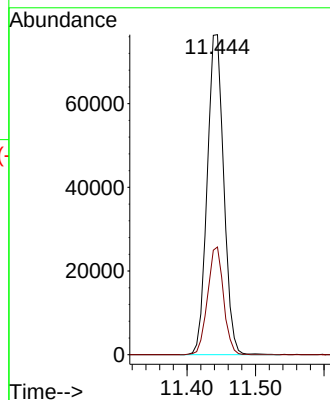
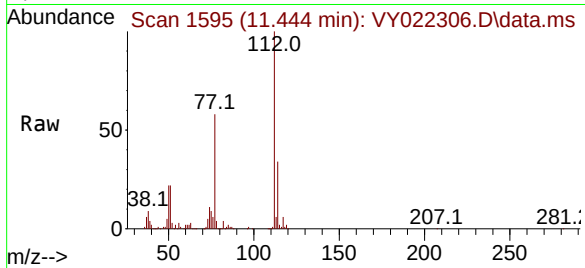




#65
Chlorobenzene
Concen: 20.542 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

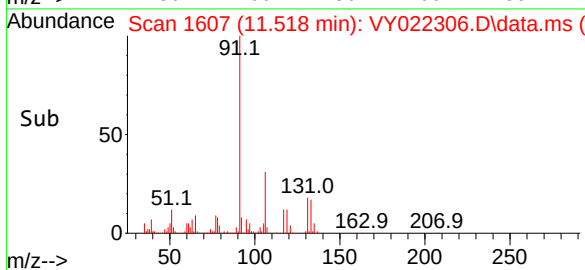
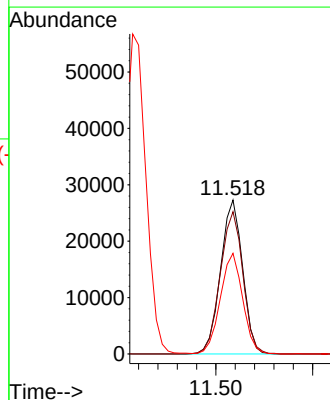
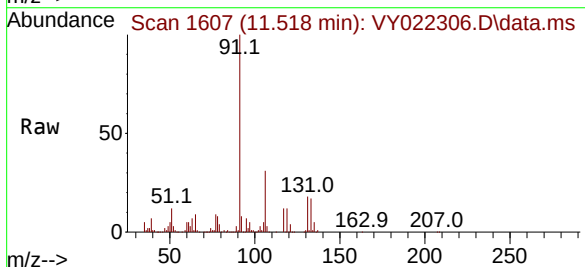
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

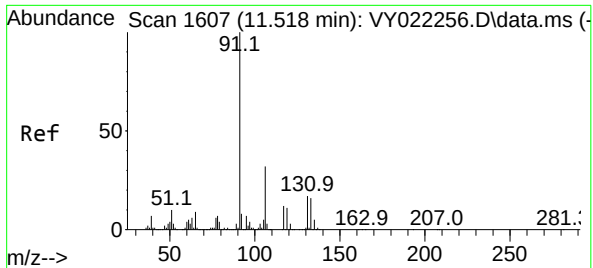
Tgt Ion:112 Resp: 128350
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.051 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion:131 Resp: 43068
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 66.6 33.1 99.2





#67

Ethyl Benzene

Concen: 19.883 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

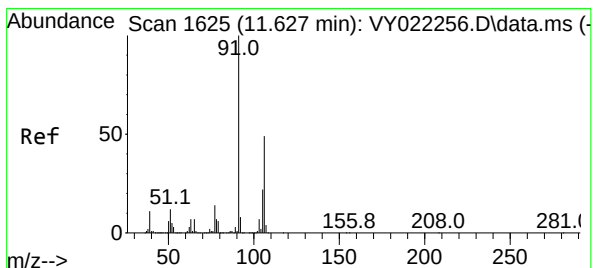
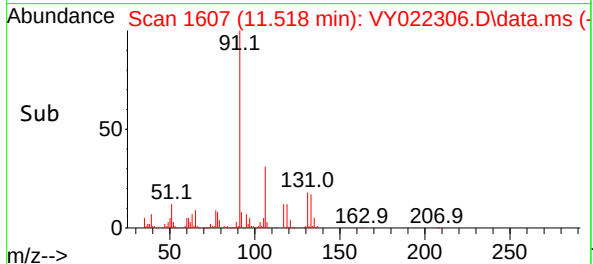
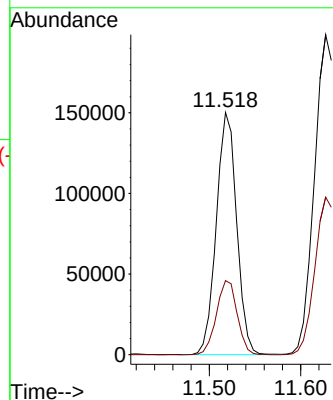
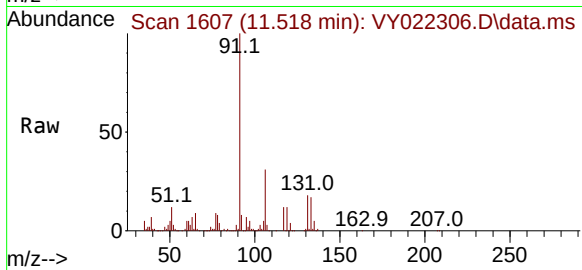
VY0519SBSD01

Tgt Ion: 91 Resp: 232654

Ion Ratio Lower Upper

91 100

106 30.6 25.4 38.0



#68

m/p-Xylenes

Concen: 39.993 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022306.D

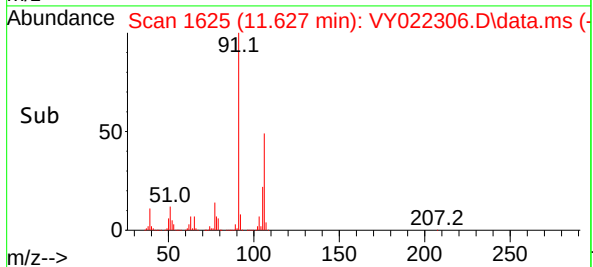
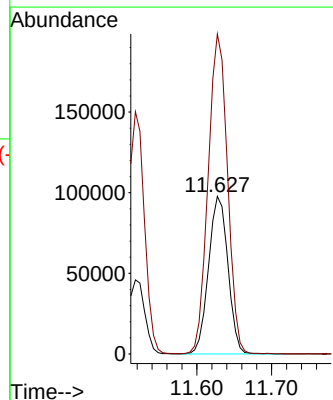
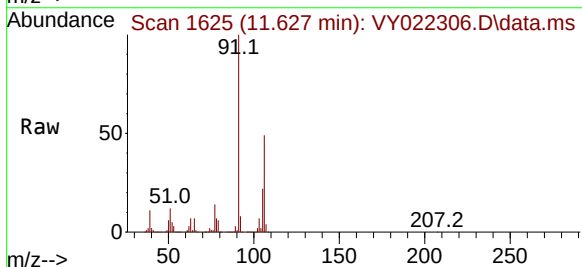
Acq: 19 May 2025 09:59

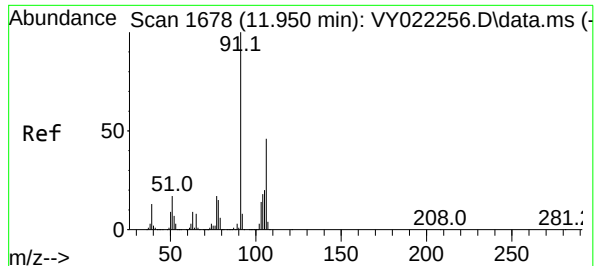
Tgt Ion: 106 Resp: 176339

Ion Ratio Lower Upper

106 100

91 203.0 163.0 244.4





#69

o-Xylene

Concen: 19.957 ug/l

RT: 11.957 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

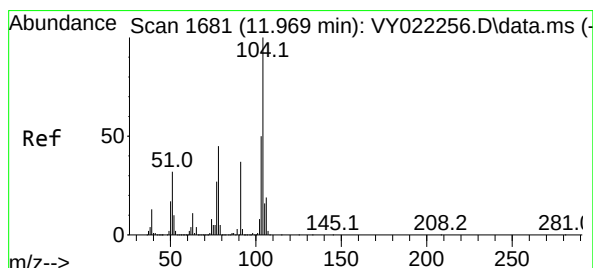
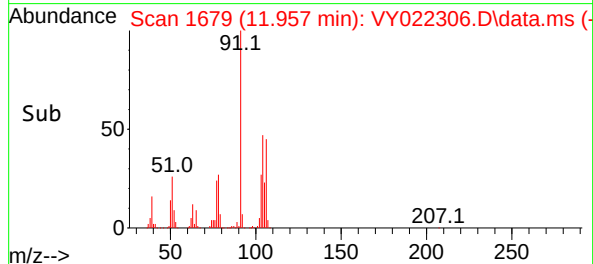
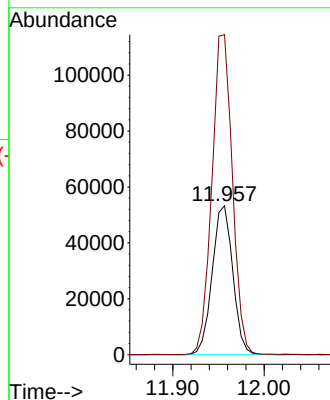
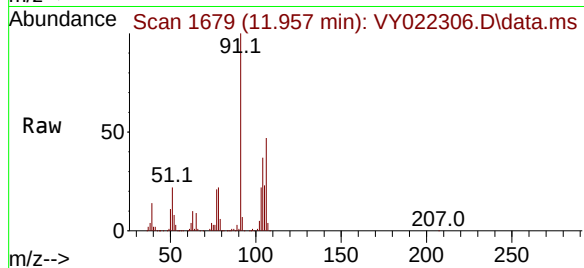
VY0519SBSD01

Tgt Ion:106 Resp: 83255

Ion Ratio Lower Upper

106 100

91 214.7 108.3 324.8



#70

Styrene

Concen: 19.898 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

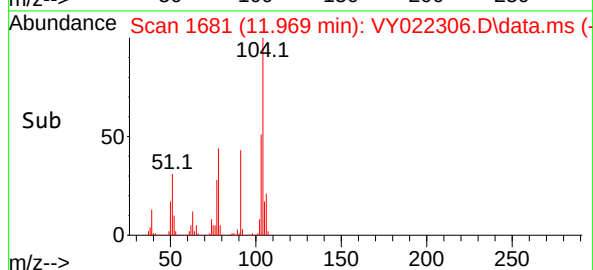
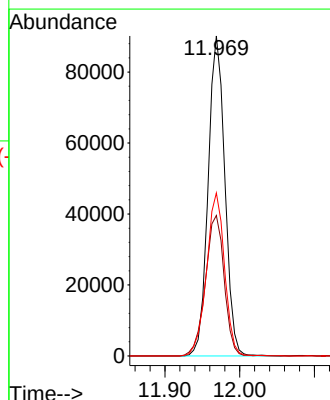
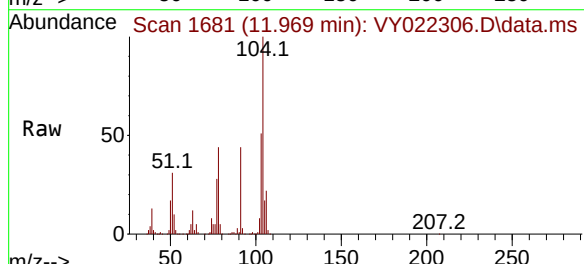
Tgt Ion:104 Resp: 140022

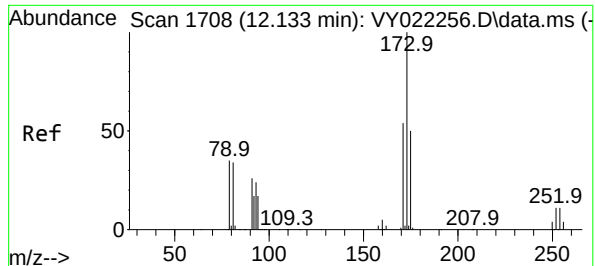
Ion Ratio Lower Upper

104 100

78 49.3 40.9 61.3

103 55.0 43.7 65.5

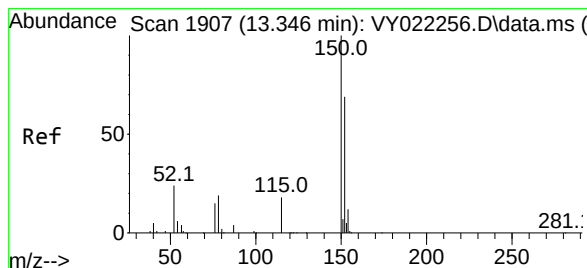
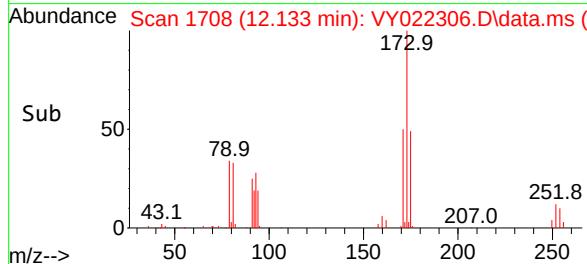
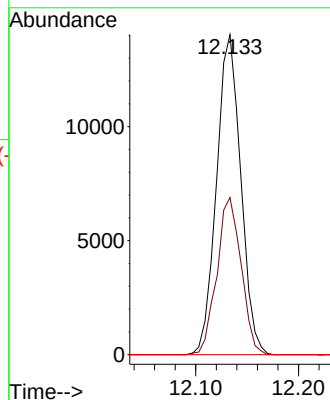
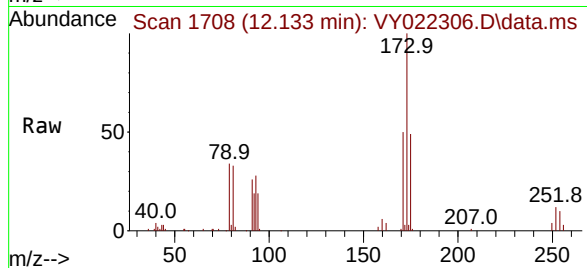




#71
Bromoform
Concen: 19.782 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

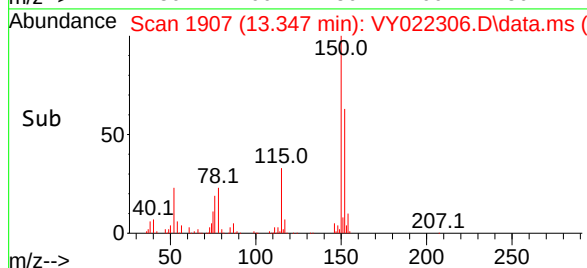
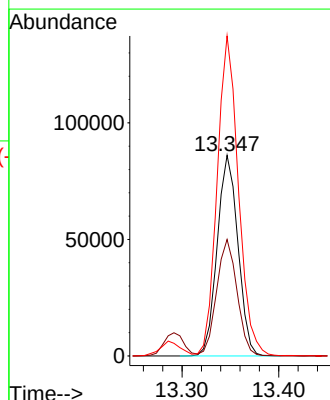
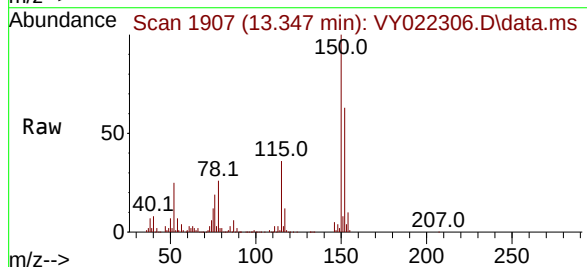
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

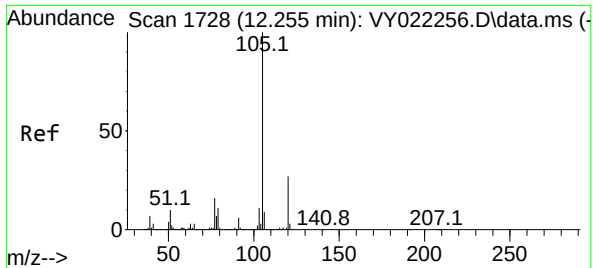
Tgt Ion:173 Resp: 22935
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion:152 Resp: 128146
Ion Ratio Lower Upper
152 100
115 57.2 29.4 88.2
150 163.7 0.0 353.8

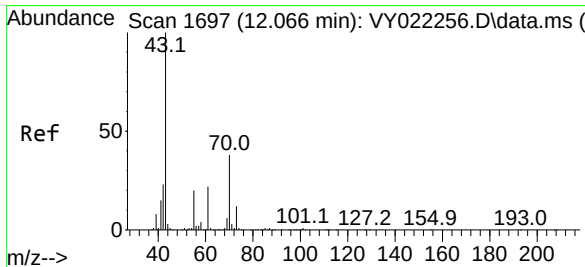
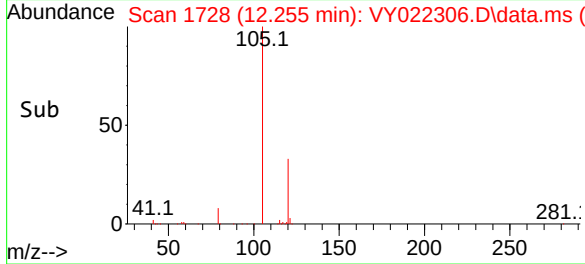
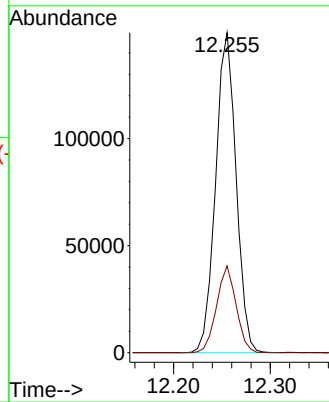
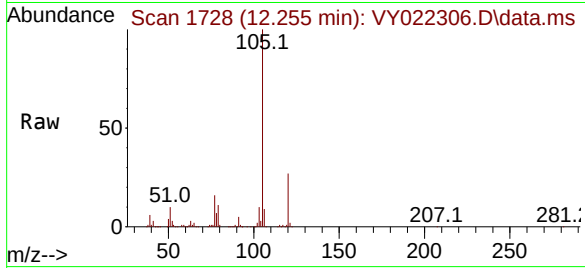




#73
Isopropylbenzene
Concen: 20.682 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

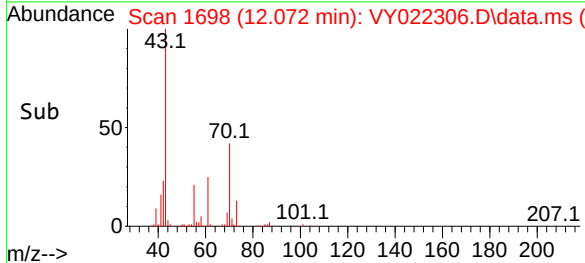
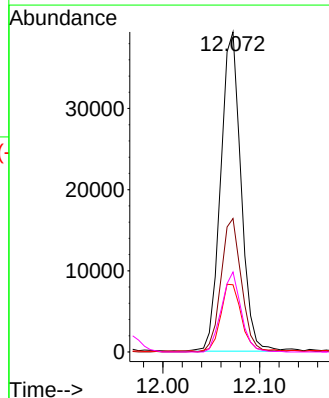
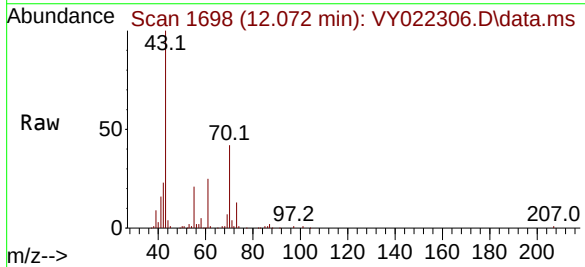
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

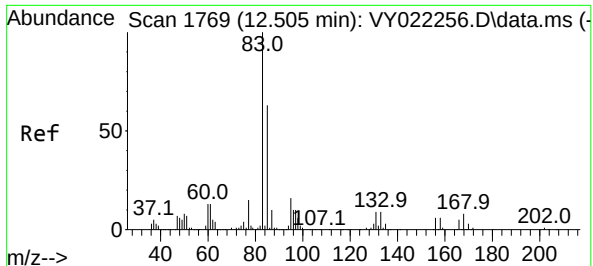
Tgt Ion:105 Resp: 219562
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6



#74
N-ethyl acetate
Concen: 18.825 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 43 Resp: 57158
Ion Ratio Lower Upper
43 100
70 42.2 31.4 47.0
55 22.1 17.0 25.6
61 24.2 18.6 28.0

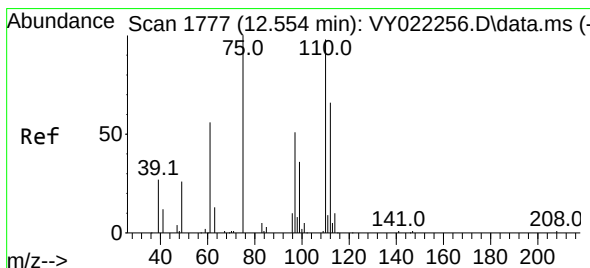
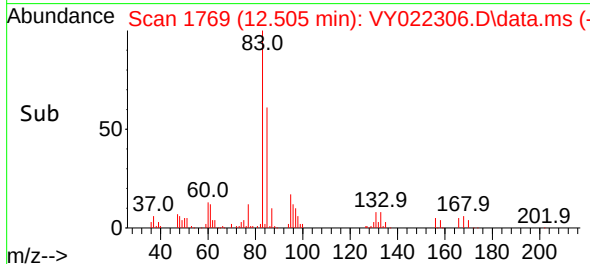
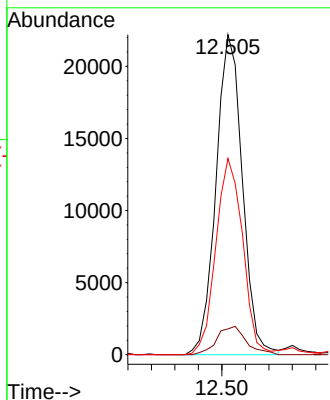
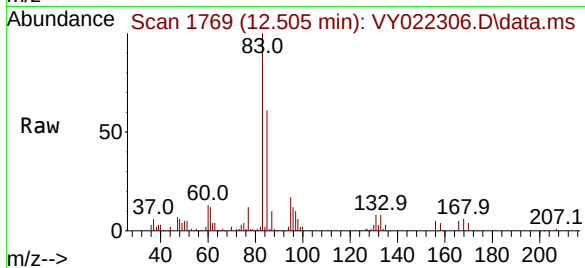




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.178 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

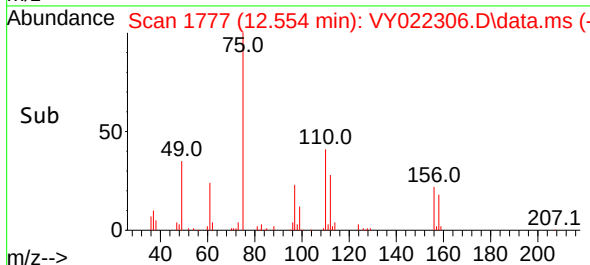
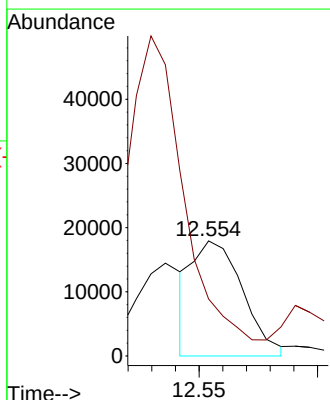
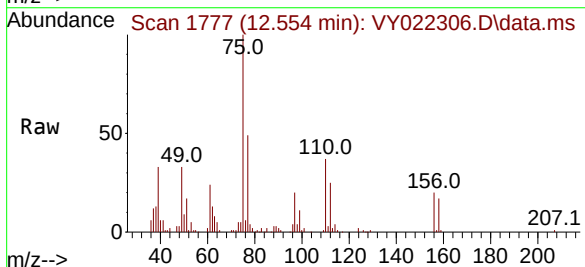
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

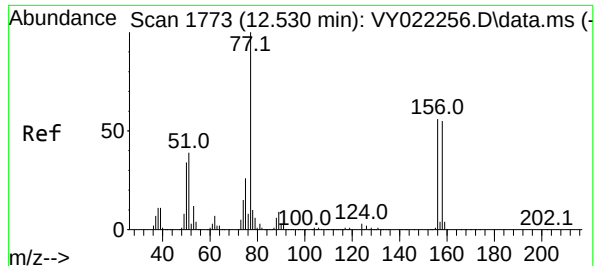
Tgt Ion: 83 Resp: 34577
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.9 14.7
 85 62.3 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 20.428 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

Tgt Ion: 75 Resp: 26521
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.432 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

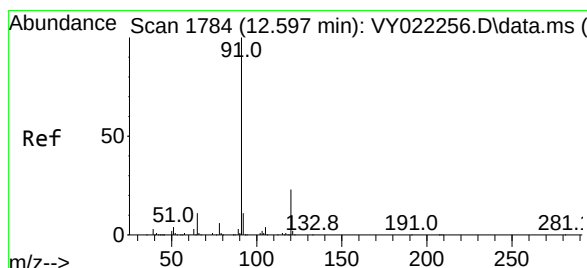
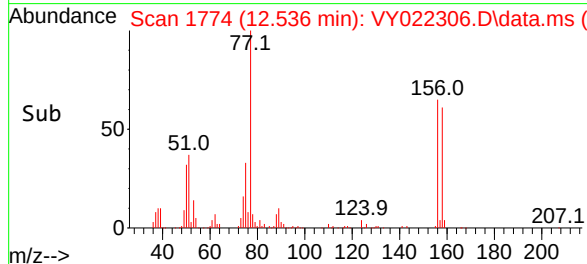
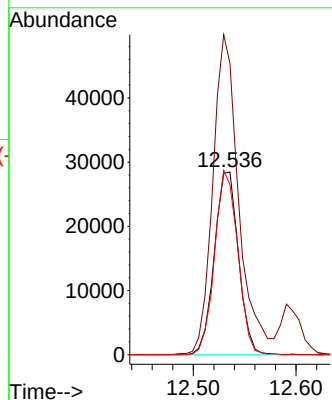
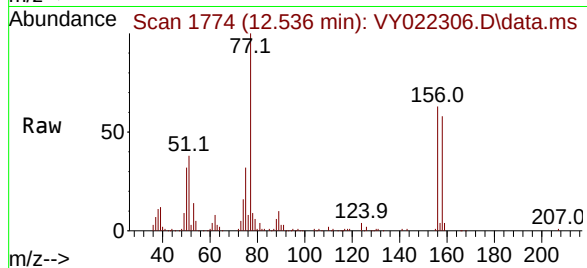
Tgt Ion:156 Resp: 46327

Ion Ratio Lower Upper

156 100

77 189.0 94.5 283.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.760 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022306.D

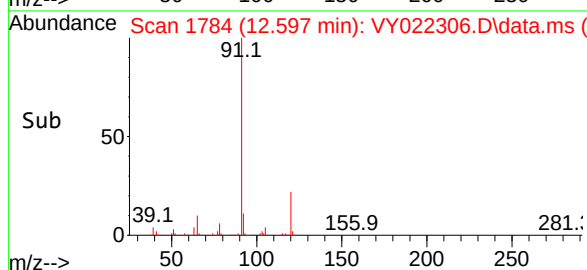
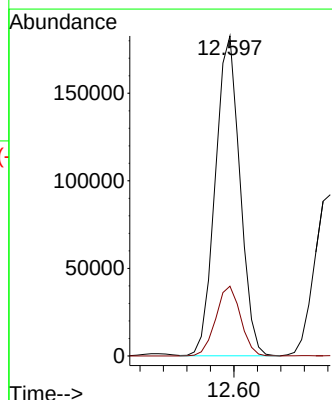
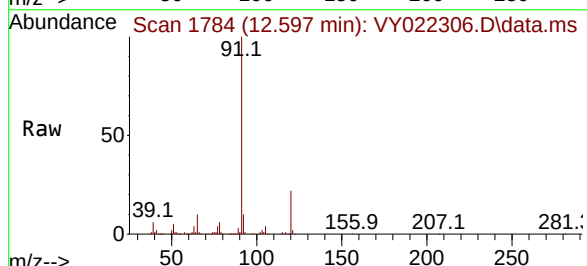
Acq: 19 May 2025 09:59

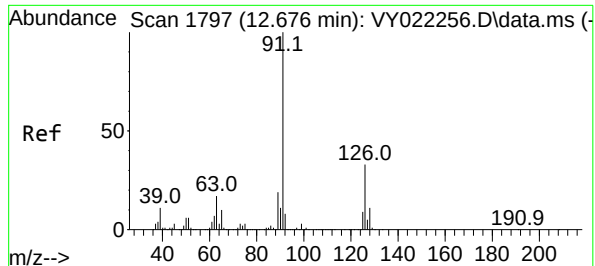
Tgt Ion: 91 Resp: 265840

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.3





#79

2-Chlorotoluene

Concen: 20.246 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

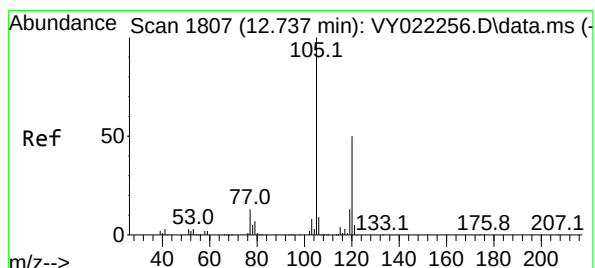
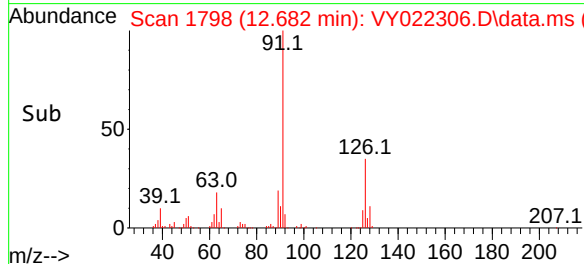
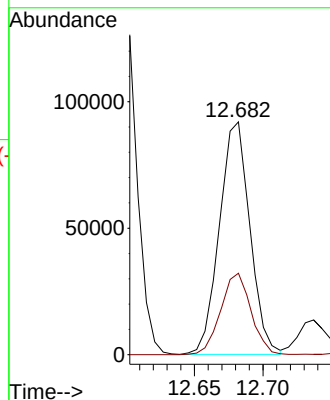
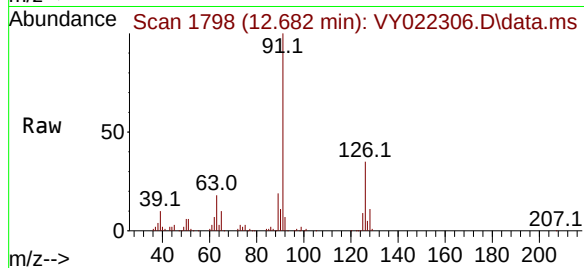
VY0519SBS01

Tgt Ion: 91 Resp: 142473

Ion Ratio Lower Upper

91 100

126 34.7 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 20.114 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022306.D

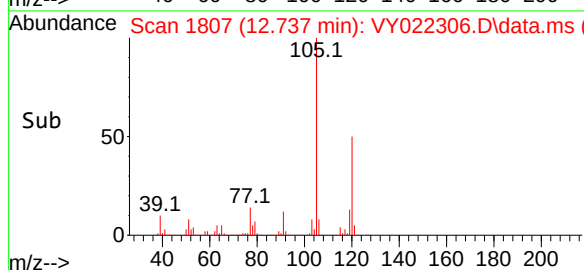
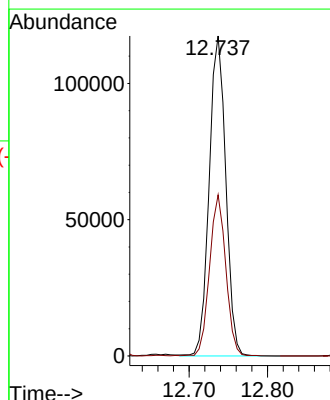
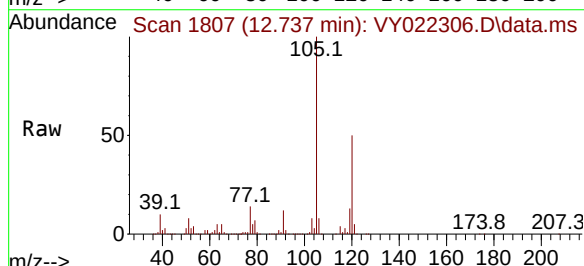
Acq: 19 May 2025 09:59

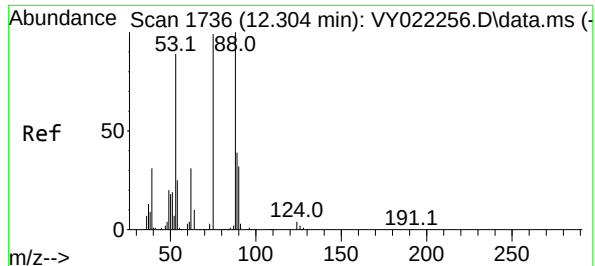
Tgt Ion: 105 Resp: 172377

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6

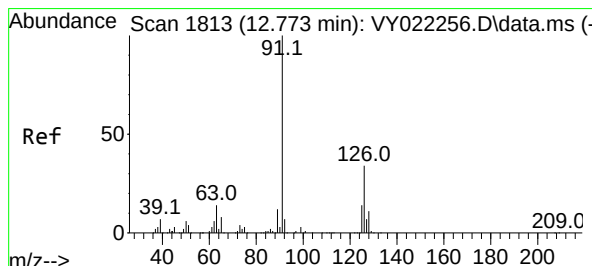
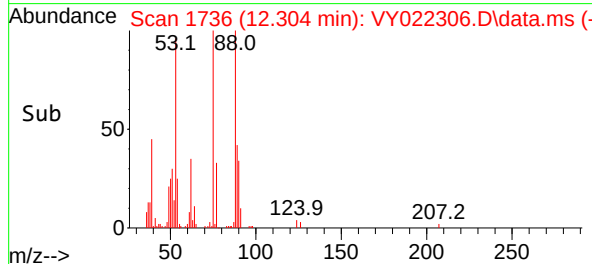
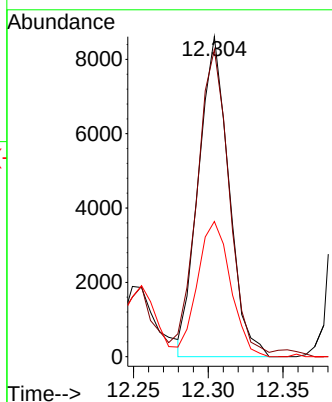
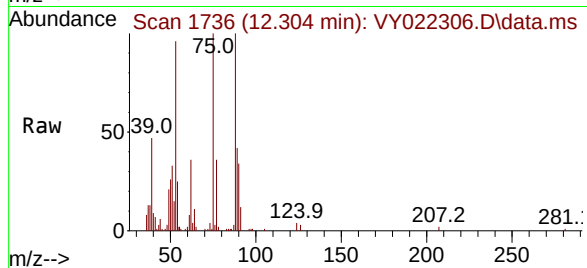




#81
trans-1,4-Dichloro-2-butene
Concen: 18.952 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

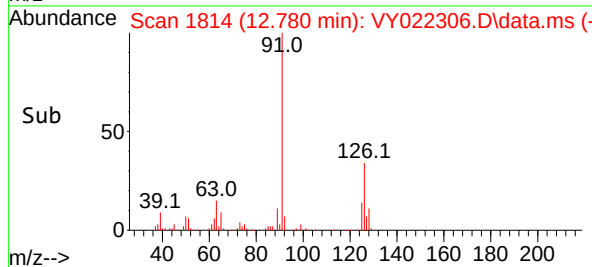
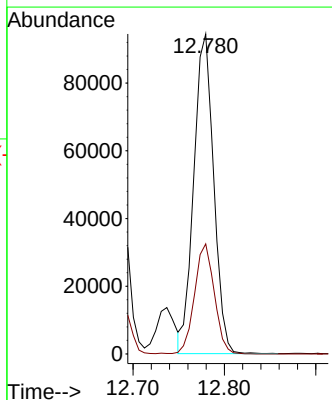
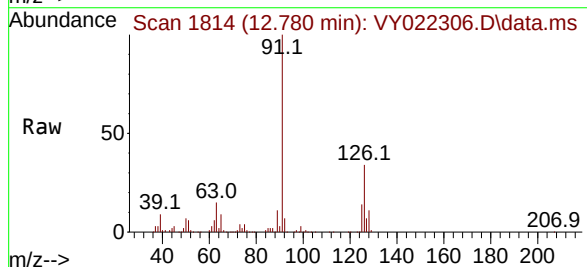
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

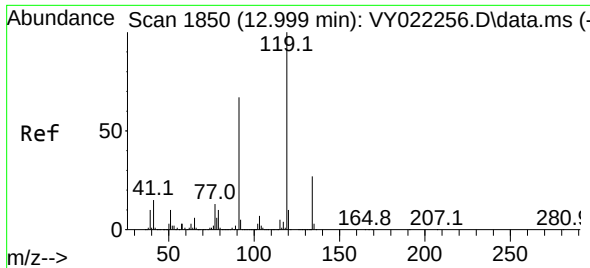
Tgt Ion: 75 Resp: 12146
Ion Ratio Lower Upper
75 100
53 103.5 75.8 113.8
89 45.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.682 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 91 Resp: 142463
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83

tert-Butylbenzene

Concen: 20.403 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

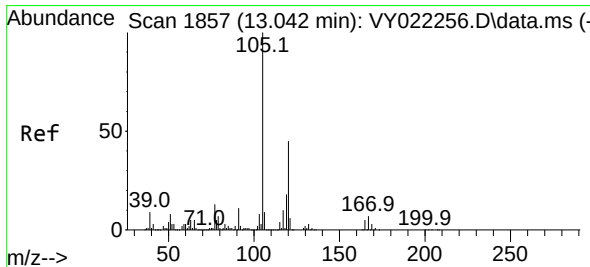
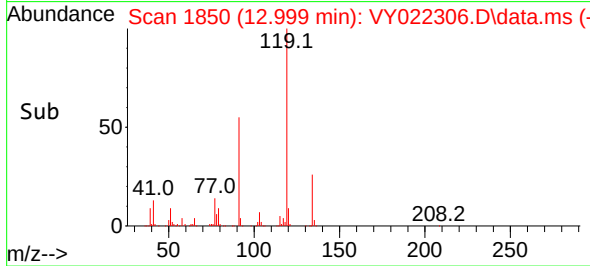
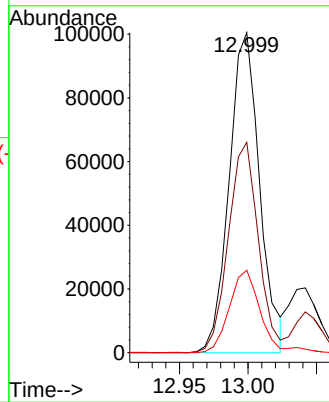
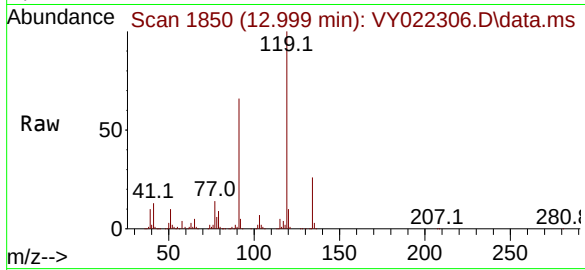
Tgt Ion:119 Resp: 155407

Ion Ratio Lower Upper

119 100

91 64.8 32.8 98.3

134 26.4 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 20.205 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022306.D

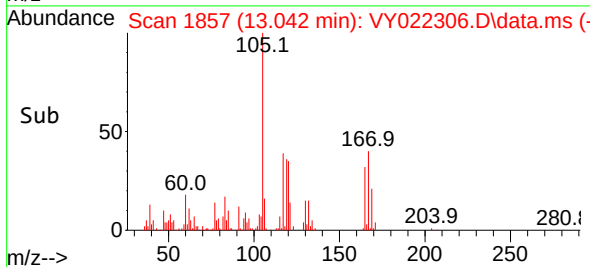
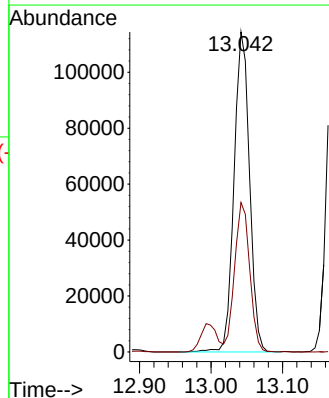
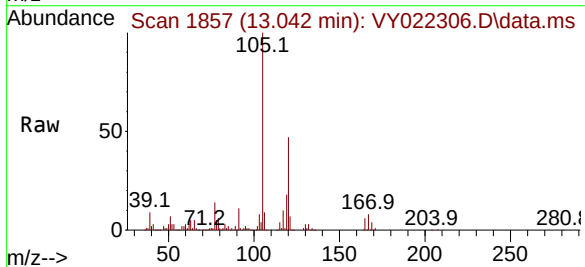
Acq: 19 May 2025 09:59

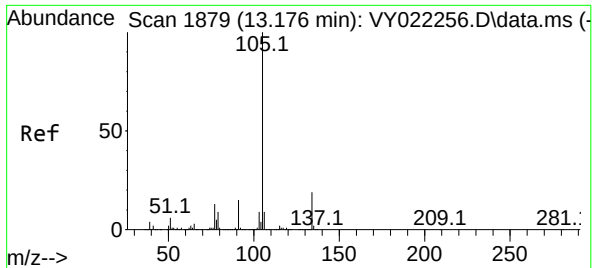
Tgt Ion:105 Resp: 171885

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.844 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

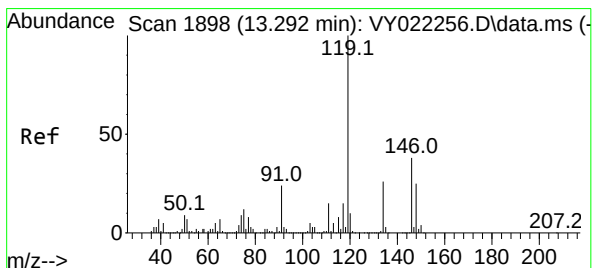
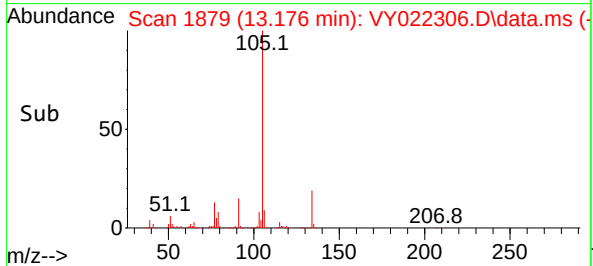
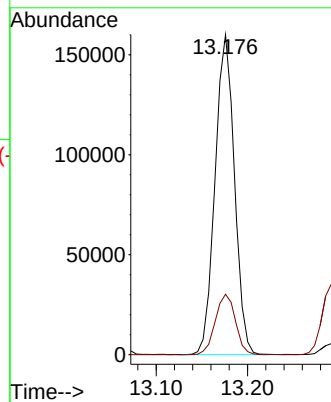
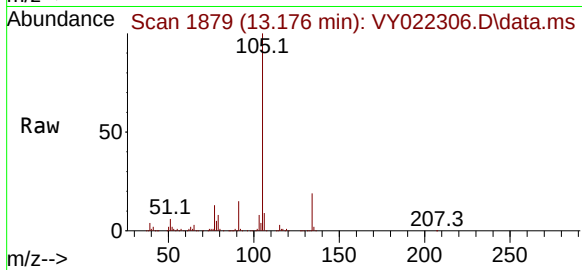
VY0519SBSD01

Tgt Ion:105 Resp: 235679

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.117 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

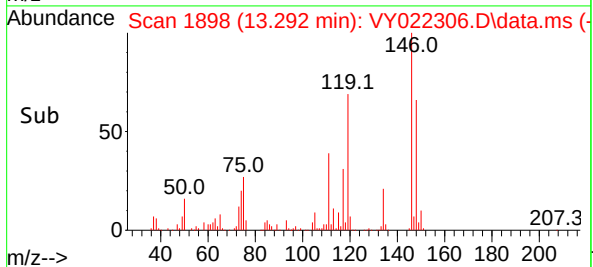
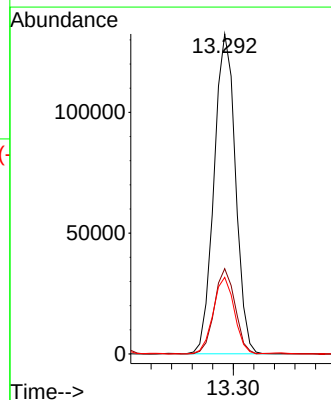
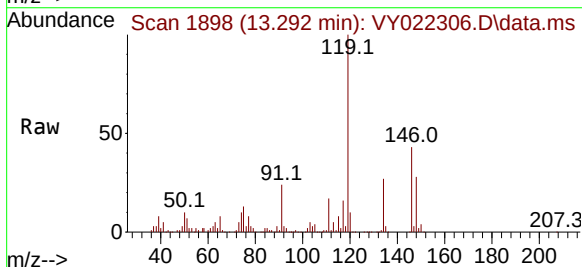
Tgt Ion:119 Resp: 191308

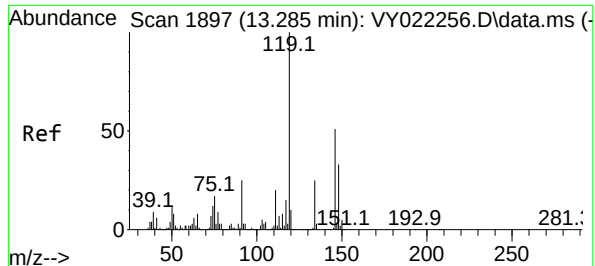
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.864 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

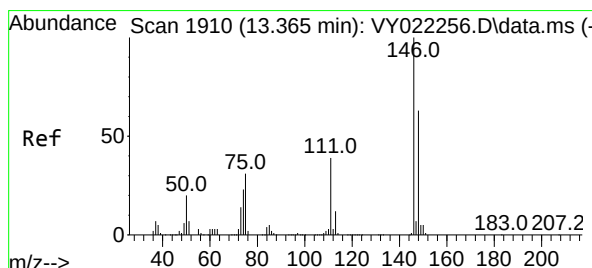
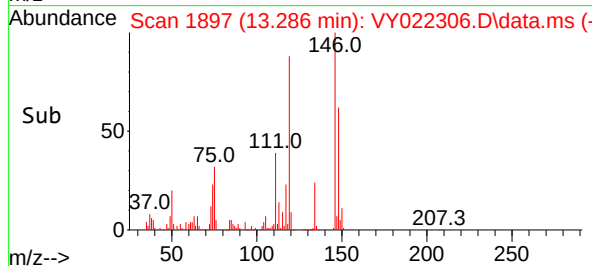
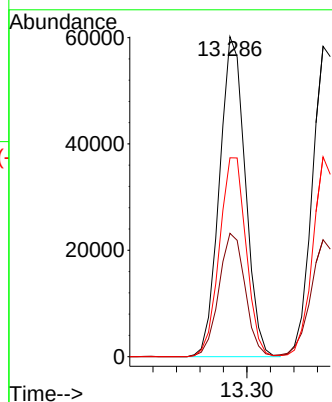
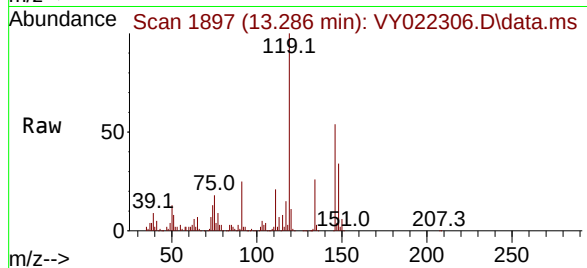
Tgt Ion:146 Resp: 91946

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.406 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

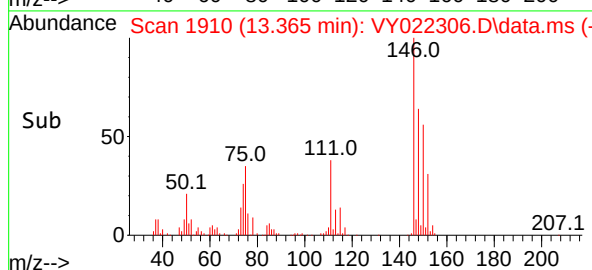
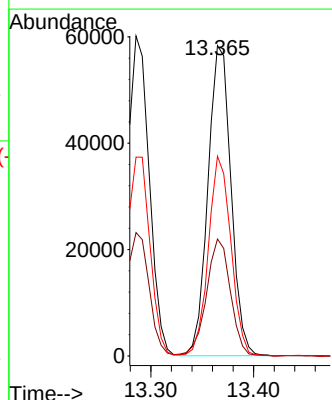
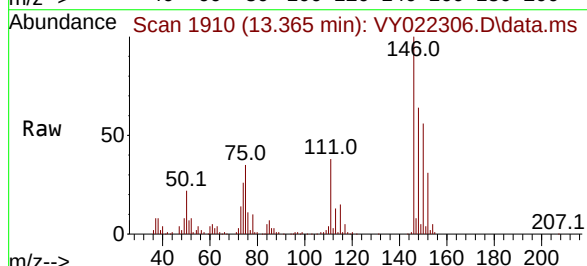
Tgt Ion:146 Resp: 90855

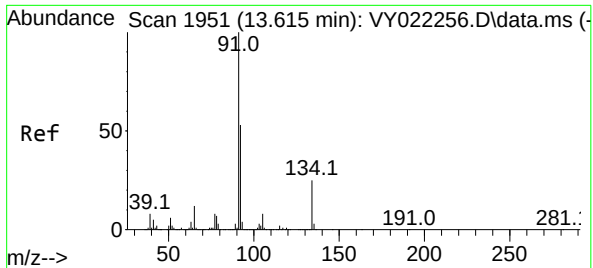
Ion Ratio Lower Upper

146 100

111 39.3 20.0 59.9

148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.570 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

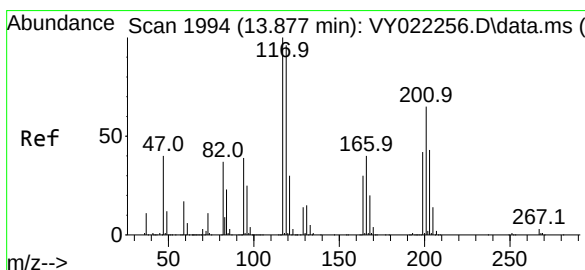
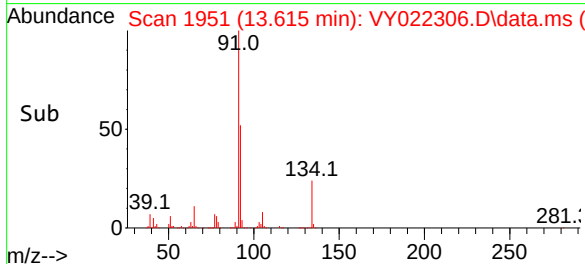
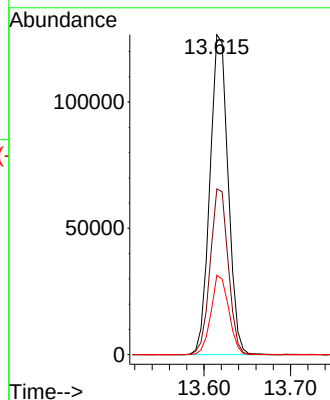
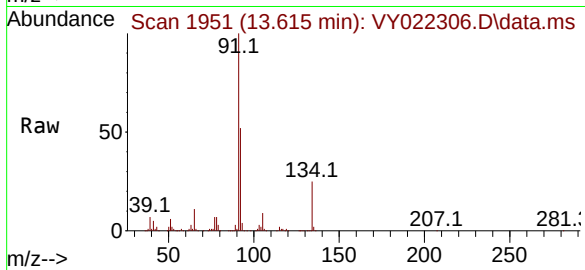
Tgt Ion: 91 Resp: 185056

Ion Ratio Lower Upper

91 100

92 51.3 26.3 78.9

134 24.3 12.4 37.4



#90

Hexachloroethane

Concen: 20.253 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022306.D

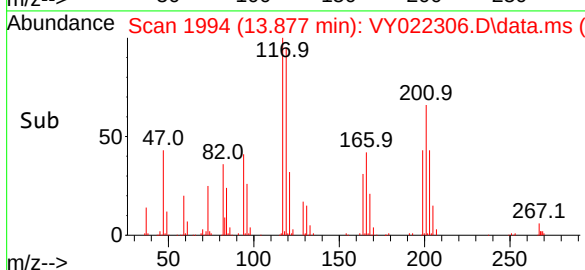
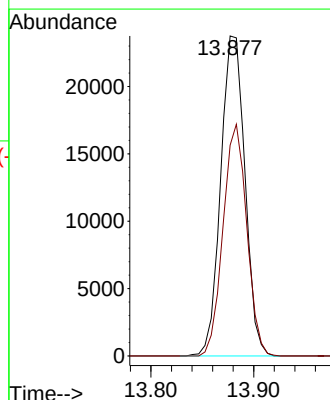
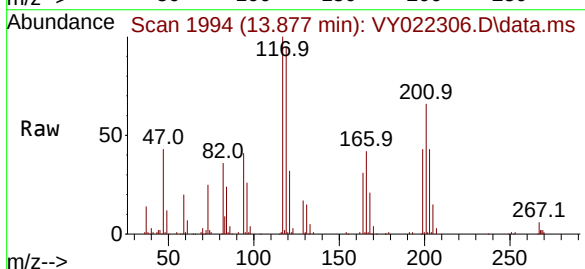
Acq: 19 May 2025 09:59

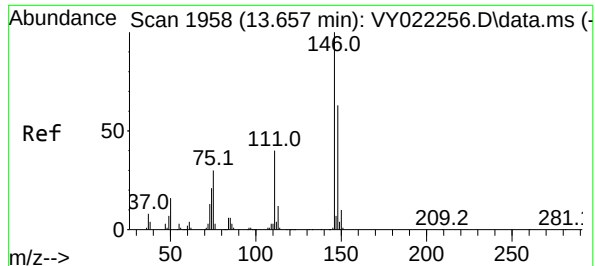
Tgt Ion: 117 Resp: 38879

Ion Ratio Lower Upper

117 100

201 70.8 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 19.937 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

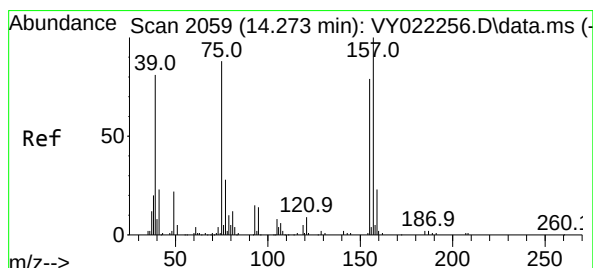
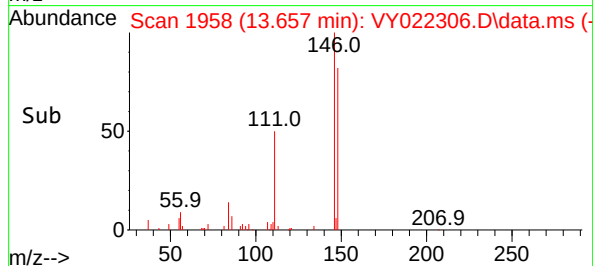
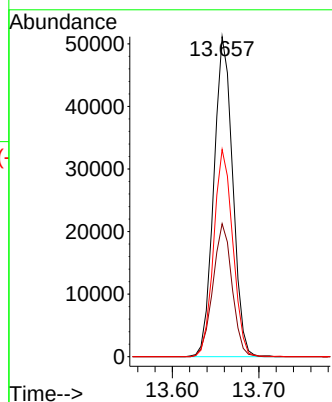
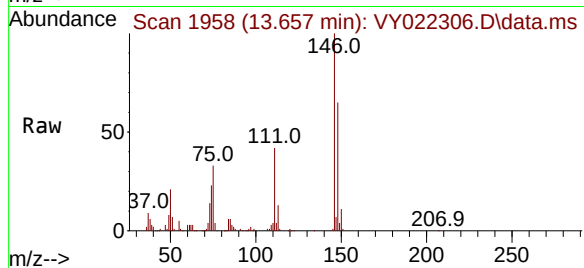
Tgt Ion:146 Resp: 77516

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.5

148 65.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.236 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

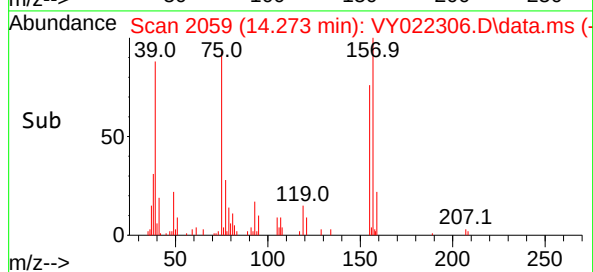
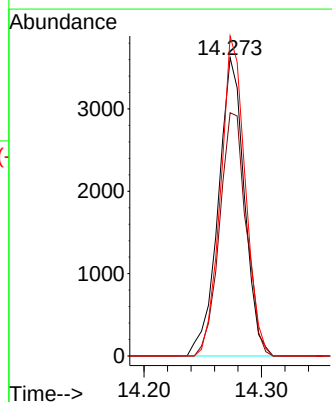
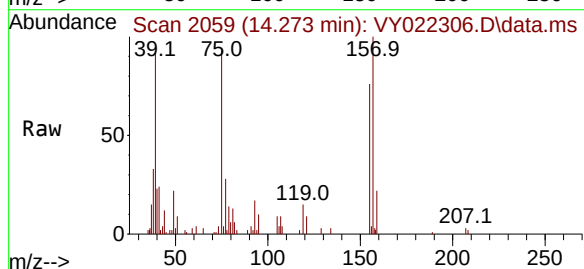
Tgt Ion: 75 Resp: 5591

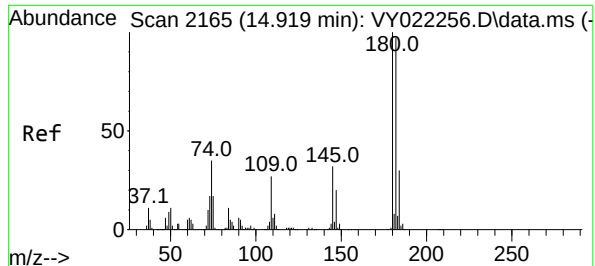
Ion Ratio Lower Upper

75 100

155 83.0 43.4 130.1

157 100.6 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.753 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

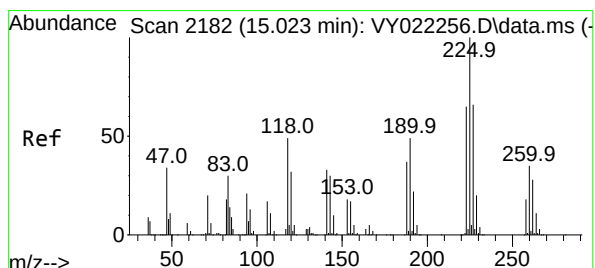
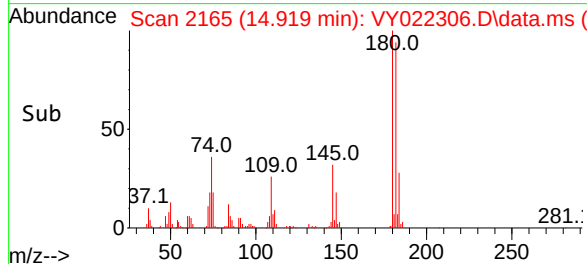
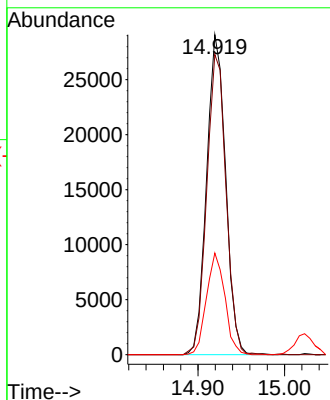
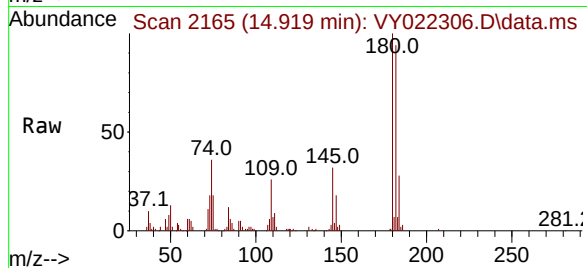
Tgt Ion:180 Resp: 44362

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.0

145 30.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 20.076 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

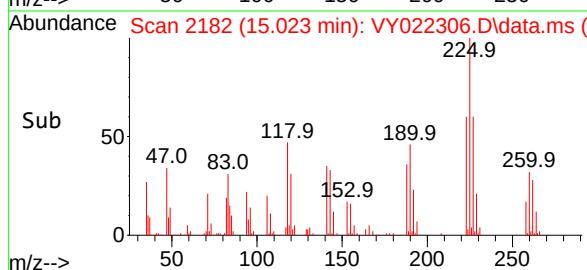
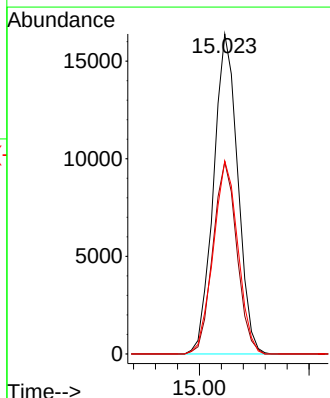
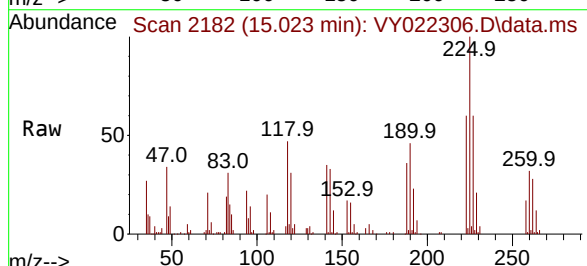
Tgt Ion:225 Resp: 25145

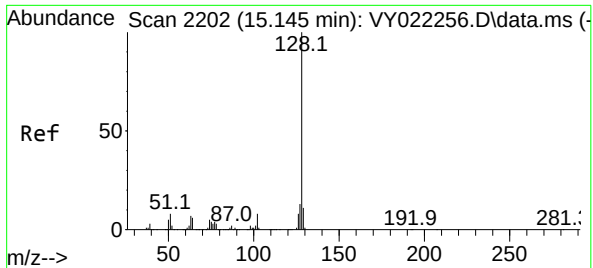
Ion Ratio Lower Upper

225 100

223 59.3 31.5 94.5

227 61.2 32.1 96.3





#95

Naphthalene

Concen: 19.449 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

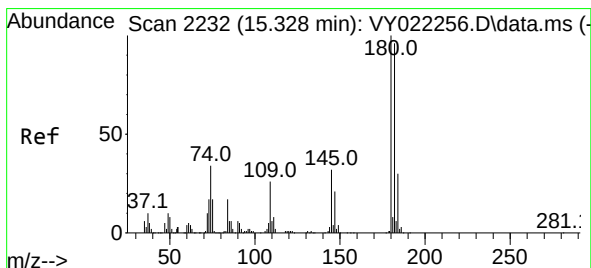
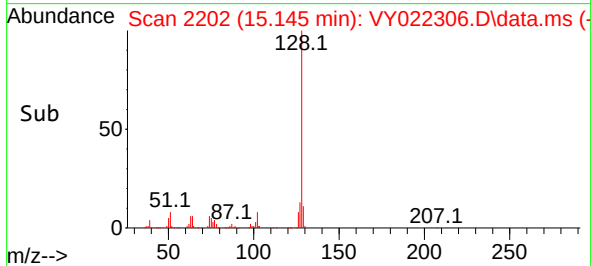
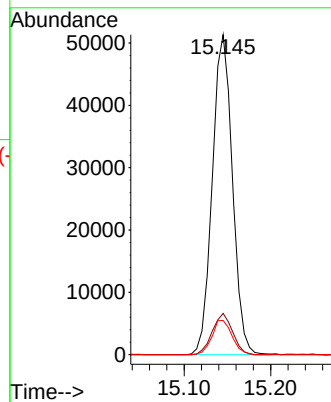
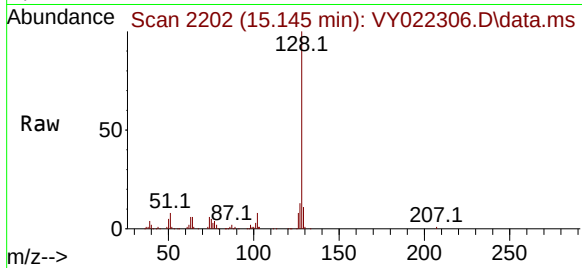
Tgt Ion:128 Resp: 82889

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.181 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

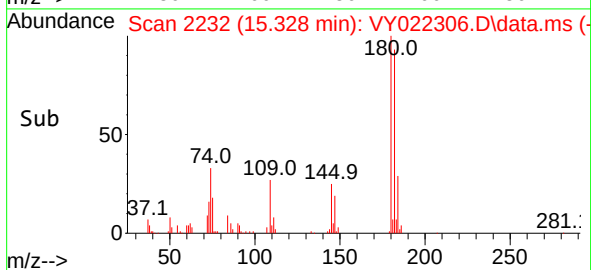
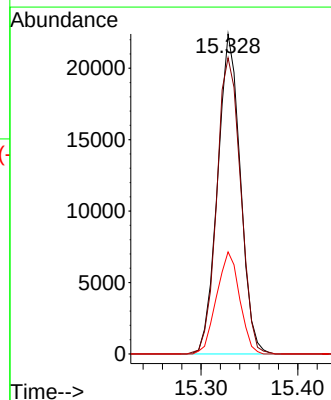
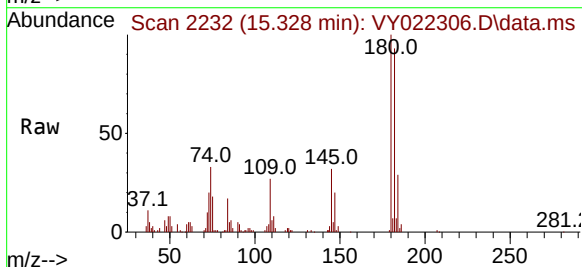
Tgt Ion:180 Resp: 36544

Ion Ratio Lower Upper

180 100

182 96.8 47.1 141.3

145 32.3 15.9 47.6



Manual Integration Report

Sequence:	VY051525	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022253.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:35 AM	Sam	5/16/2025 11:50:51 AM	Peak Integrated by Software
VSTDICC005	VY022253.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:35 AM	Sam	5/16/2025 11:50:51 AM	Peak Integrated by Software
VSTDICC005	VY022253.D	Methyl Acetate	MMDadoda	5/16/2025 11:48:35 AM	Sam	5/16/2025 11:50:51 AM	Peak Integrated by Software
VSTDICC010	VY022254.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:33 AM	Sam	5/16/2025 11:50:49 AM	Peak Integrated by Software
VSTDICC010	VY022254.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:33 AM	Sam	5/16/2025 11:50:49 AM	Peak Integrated by Software
VSTDICC020	VY022255.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:32 AM	Sam	5/16/2025 11:50:48 AM	Peak Integrated by Software
VSTDICC020	VY022255.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:32 AM	Sam	5/16/2025 11:50:48 AM	Peak Integrated by Software
VSTDICCC050	VY022256.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:30 AM	Sam	5/16/2025 11:50:46 AM	Peak Integrated by Software
VSTDICCC050	VY022256.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:30 AM	Sam	5/16/2025 11:50:46 AM	Peak Integrated by Software
VSTDICC100	VY022257.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:28 AM	Sam	5/16/2025 11:50:45 AM	Peak Integrated by Software
VSTDICC100	VY022257.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:28 AM	Sam	5/16/2025 11:50:45 AM	Peak Integrated by Software
VSTDICC150	VY022258.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:27 AM	Sam	5/16/2025 11:50:43 AM	Peak Integrated by Software
VSTDICC150	VY022258.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:27 AM	Sam	5/16/2025 11:50:43 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VY051525

Instrument

MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VY022260.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:25 AM	Sam	5/16/2025 11:50:42 AM	Peak Integrated by Software
VSTDICV050	VY022260.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:25 AM	Sam	5/16/2025 11:50:42 AM	Peak Integrated by Software
VSTDCCC050	VY022275.D	1,2,3-Trichloropropane	MMDadoda	5/16/2025 11:48:21 AM	Sam	5/16/2025 11:50:27 AM	Peak Integrated by Software
VSTDCCC050	VY022275.D	Methacrylonitrile	MMDadoda	5/16/2025 11:48:21 AM	Sam	5/16/2025 11:50:27 AM	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

vy051925

Instrument

MSVOA_y

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY051525

Review By	Maresh Dadoda	Review On	5/16/2025 11:49:17 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM		
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133916			
Initial Calibration Stds		VP133918,VP133919,VP133920,VP133921,VP133922,VP133923			
CCC		VP133925			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133924			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022252.D	15 May 2025 07:52	SY/MD	Ok
2	VSTDIC005	VY022253.D	15 May 2025 09:46	SY/MD	Ok,M
3	VSTDIC010	VY022254.D	15 May 2025 10:16	SY/MD	Ok,M
4	VSTDIC020	VY022255.D	15 May 2025 10:39	SY/MD	Ok,M
5	VSTDIC050	VY022256.D	15 May 2025 11:02	SY/MD	Ok,M
6	VSTDIC100	VY022257.D	15 May 2025 11:24	SY/MD	Ok,M
7	VSTDIC150	VY022258.D	15 May 2025 11:47	SY/MD	Ok,M
8	VIBLK	VY022259.D	15 May 2025 12:34	SY/MD	Ok
9	VSTDICV050	VY022260.D	15 May 2025 13:20	SY/MD	Ok,M
10	VY0515SBL01	VY022261.D	15 May 2025 13:44	SY/MD	Ok
11	VY0515SBS01	VY022262.D	15 May 2025 14:07	SY/MD	Ok,M
12	VY0515SBS01	VY022263.D	15 May 2025 14:29	SY/MD	Ok,M
13	Q1984-01	VY022264.D	15 May 2025 15:12	SY/MD	Ok
14	Q1984-03	VY022265.D	15 May 2025 15:35	SY/MD	Ok
15	Q1984-05	VY022266.D	15 May 2025 15:59	SY/MD	Ok
16	Q1984-07	VY022267.D	15 May 2025 16:22	SY/MD	ReRun
17	Q1984-09	VY022268.D	15 May 2025 16:46	SY/MD	Not Ok
18	Q1984-11	VY022269.D	15 May 2025 17:09	SY/MD	Not Ok
19	Q1984-13	VY022270.D	15 May 2025 17:33	SY/MD	Not Ok
20	Q1984-15	VY022271.D	15 May 2025 17:56	SY/MD	ReRun
21	Q1982-04	VY022272.D	15 May 2025 18:19	SY/MD	Ok

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY051525

Review By	Maresh Dadoda	Review On	5/16/2025 11:49:17 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM		
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133916			
Initial Calibration Stds		VP133918,VP133919,VP133920,VP133921,VP133922,VP133923			
CCC		VP133925			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133924			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1982-05	VY022273.D	15 May 2025 18:43	SY/MD	Ok
23	Q1982-06	VY022274.D	15 May 2025 19:06	SY/MD	Ok
24	VSTDCCC050	VY022275.D	15 May 2025 19:52	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VY051925	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133960			
CCC		VP133961,VP133962			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022302.D	19 May 2025 07:57	SY/MD	Ok
2	VSTDCCC050	VY022303.D	19 May 2025 08:27	SY/MD	Ok,NR
3	VY0519SBL01	VY022304.D	19 May 2025 09:00	SY/MD	Ok
4	VY0519SBS01	VY022305.D	19 May 2025 09:36	SY/MD	Ok,NR
5	VY0519SBSD01	VY022306.D	19 May 2025 09:59	SY/MD	Ok,NR
6	Q2055-01	VY022307.D	19 May 2025 10:41	SY/MD	Ok
7	Q2052-03	VY022308.D	19 May 2025 11:04	SY/MD	Ok
8	Q2057-03	VY022309.D	19 May 2025 11:28	SY/MD	Ok
9	Q2048-03	VY022310.D	19 May 2025 11:51	SY/MD	Ok
10	Q2048-07	VY022311.D	19 May 2025 12:15	SY/MD	Ok
11	Q2048-11	VY022312.D	19 May 2025 12:38	SY/MD	Ok
12	Q2048-15	VY022313.D	19 May 2025 13:02	SY/MD	Ok
13	Q2003-02RE	VY022314.D	19 May 2025 13:25	SY/MD	Confirms
14	Q2062-03	VY022315.D	19 May 2025 13:49	SY/MD	Ok
15	Q2062-07	VY022316.D	19 May 2025 14:12	SY/MD	Ok
16	Q2062-11	VY022317.D	19 May 2025 14:35	SY/MD	Ok
17	Q2062-15	VY022318.D	19 May 2025 14:59	SY/MD	Ok
18	Q2062-19	VY022319.D	19 May 2025 15:22	SY/MD	ReRun
19	Q2062-23	VY022320.D	19 May 2025 15:46	SY/MD	ReRun
20	Q2071-03	VY022321.D	19 May 2025 16:09	SY/MD	Ok
21	Q2071-07	VY022322.D	19 May 2025 16:33	SY/MD	Ok

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VY051925	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	VP133960				
CCC	VP133961,VP133962				
Internal Standard/PEM	VP133934				
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2071-11	VY022323.D	19 May 2025 16:56	SY/MD	ReRun
23	Q2071-15	VY022324.D	19 May 2025 17:20	SY/MD	Ok
24	Q2021-02	VY022325.D	19 May 2025 17:43	SY/MD	Ok
25	Q2056-01	VY022326.D	19 May 2025 18:06	SY/MD	Ok
26	VSTDCCC050	VY022327.D	19 May 2025 18:52	SY/MD	Ok,NR

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY051525

Review By	Mahesh Dadoda	Review On	5/16/2025 11:49:17 AM
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y
		HP Processing Method	82y051525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133916
Initial Calibration Stds	VP133918,VP133919,VP133920,VP133921,VP133922,VP133923
CCC	VP133925
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133924
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022252.D	15 May 2025 07:52		SY/MD	Ok
2	VSTDIC005	VSTDIC005	VY022253.D	15 May 2025 09:46		SY/MD	Ok,M
3	VSTDIC010	VSTDIC010	VY022254.D	15 May 2025 10:16		SY/MD	Ok,M
4	VSTDIC020	VSTDIC020	VY022255.D	15 May 2025 10:39		SY/MD	Ok,M
5	VSTDIC050	VSTDIC050	VY022256.D	15 May 2025 11:02		SY/MD	Ok,M
6	VSTDIC100	VSTDIC100	VY022257.D	15 May 2025 11:24		SY/MD	Ok,M
7	VSTDIC150	VSTDIC150	VY022258.D	15 May 2025 11:47		SY/MD	Ok,M
8	VIBLK	VIBLK	VY022259.D	15 May 2025 12:34		SY/MD	Ok
9	VSTDICV050	ICVVY051525	VY022260.D	15 May 2025 13:20		SY/MD	Ok,M
10	VY0515SBL01	VY0515SBL01	VY022261.D	15 May 2025 13:44		SY/MD	Ok
11	VY0515SBS01	VY0515SBS01	VY022262.D	15 May 2025 14:07		SY/MD	Ok,M
12	VY0515SBSD01	VY0515SBSD01	VY022263.D	15 May 2025 14:29		SY/MD	Ok,M
13	Q1984-01	OU4-PCS-TC-33-05072	VY022264.D	15 May 2025 15:12	vial-A	SY/MD	Ok
14	Q1984-03	OU4-PCS-TC-34-05072	VY022265.D	15 May 2025 15:35	vial-A	SY/MD	Ok
15	Q1984-05	OU4-PCS-TC-35-05072	VY022266.D	15 May 2025 15:59	vial-A	SY/MD	Ok
16	Q1984-07	OU4-TS-24-050725	VY022267.D	15 May 2025 16:22	vial-A Surrogate fail	SY/MD	ReRun
17	Q1984-09	OU4-TS-25-050725	VY022268.D	15 May 2025 16:46	vial-A Surrogate fail	SY/MD	Not Ok
18	Q1984-11	OU4-TS-26-050725	VY022269.D	15 May 2025 17:09	vial-A Surrogate fail	SY/MD	Not Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY051525

Review By	Mahesh Dadoda	Review On	5/16/2025 11:49:17 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM		
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133916			
Initial Calibration Stds		VP133918,VP133919,VP133920,VP133921,VP133922,VP133923			
CCC		VP133925			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133924			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q1984-13	OU4-TS-27-050725	VY022270.D	15 May 2025 17:33	vial-A Surrogate fail	SY/MD	Not Ok
20	Q1984-15	OU4-TS-28-050725	VY022271.D	15 May 2025 17:56	vial-A Surrogate fail	SY/MD	ReRun
21	Q1982-04	TP-4	VY022272.D	15 May 2025 18:19	vial-A	SY/MD	Ok
22	Q1982-05	TP-5	VY022273.D	15 May 2025 18:43	vial-A	SY/MD	Ok
23	Q1982-06	TP-6	VY022274.D	15 May 2025 19:06	vial-A	SY/MD	Ok
24	VSTDCCC050	VSTDCCC050EC	VY022275.D	15 May 2025 19:52		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY051925

Review By	Review On				
Supervise By	Supervise On				
SubDirectory	VY051925	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	VP133960				
CCC	VP133961,VP133962				
Internal Standard/PEM	VP133934				
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022302.D	19 May 2025 07:57		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022303.D	19 May 2025 08:27		SY/MD	Ok,NR
3	VY0519SBL01	VY0519SBL01	VY022304.D	19 May 2025 09:00		SY/MD	Ok
4	VY0519SBS01	VY0519SBS01	VY022305.D	19 May 2025 09:36		SY/MD	Ok,NR
5	VY0519SBSD01	VY0519SBSD01	VY022306.D	19 May 2025 09:59		SY/MD	Ok,NR
6	Q2055-01	OR-02-051525	VY022307.D	19 May 2025 10:41	Internal Standard Fail	SY/MD	Ok
7	Q2052-03	TP-B-VOC	VY022308.D	19 May 2025 11:04		SY/MD	Ok
8	Q2057-03	MH-L-VOC	VY022309.D	19 May 2025 11:28		SY/MD	Ok
9	Q2048-03	L2-WC-1-VOC	VY022310.D	19 May 2025 11:51		SY/MD	Ok
10	Q2048-07	L2-WC-2-VOC	VY022311.D	19 May 2025 12:15		SY/MD	Ok
11	Q2048-11	L2-WC-3-VOC	VY022312.D	19 May 2025 12:38		SY/MD	Ok
12	Q2048-15	L2-WC-4-VOC	VY022313.D	19 May 2025 13:02		SY/MD	Ok
13	Q2003-02RE	VOCRE	VY022314.D	19 May 2025 13:25	vial-B, Internal standard fail	SY/MD	Confirms
14	Q2062-03	L1-WC-1-VOC	VY022315.D	19 May 2025 13:49		SY/MD	Ok
15	Q2062-07	L1-WC-2-VOC	VY022316.D	19 May 2025 14:12		SY/MD	Ok
16	Q2062-11	L1-WC-3-VOC	VY022317.D	19 May 2025 14:35		SY/MD	Ok
17	Q2062-15	L1-WC-4-VOC	VY022318.D	19 May 2025 14:59		SY/MD	Ok
18	Q2062-19	L1-WC-5-VOC	VY022319.D	19 May 2025 15:22	Internal Standard Fail	SY/MD	ReRun

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY051925

Review By	Review On
Supervise By	Supervise On
SubDirectory	VY051925
HP Acquire Method	MSVOA_Y
HP Processing Method	82y051525s.m
STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133960
CCC	VP133961,VP133962
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2062-23	L1-WC-6-VOC	VY022320.D	19 May 2025 15:46	Internal Standard Fail	SY/MD	ReRun
20	Q2071-03	L1-WC-7-VOC	VY022321.D	19 May 2025 16:09		SY/MD	Ok
21	Q2071-07	L1-WC-8-VOC	VY022322.D	19 May 2025 16:33		SY/MD	Ok
22	Q2071-11	L1-WC-9-VOC	VY022323.D	19 May 2025 16:56	Internal Standard Fail	SY/MD	ReRun
23	Q2071-15	L2-WC-5-VOC	VY022324.D	19 May 2025 17:20		SY/MD	Ok
24	Q2021-02	VOC	VY022325.D	19 May 2025 17:43		SY/MD	Ok
25	Q2056-01	GVD11	VY022326.D	19 May 2025 18:06		SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY022327.D	19 May 2025 18:52		SY/MD	Ok,NR

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2021-01	WASTE	1	1.14	10.48	11.62	10.41	88.5	
Q2021-02	VOC	2	1.19	10.25	11.44	9.99	85.9	
Q2021-03	1	3	1.15	10.01	11.16	9.88	87.2	
Q2021-04	2	4	1.18	10.25	11.43	9.88	84.9	
Q2021-05	3	5	1.17	10.09	11.26	10.12	88.7	
Q2021-06	4	6	1.16	10.60	11.76	10.5	88.1	
Q2021-07	5	7	1.18	10.60	11.78	10.36	86.6	
Q2021-08	6	8	1.18	10.21	11.39	10.12	87.6	
Q2032-01	TP-11	9	1.14	10.08	11.22	8.83	76.3	
Q2032-02	TP-29	10	1.18	10.39	11.57	10.13	86.1	
Q2032-03	TP-29-99	11	1.19	10.40	11.59	10.22	86.8	
Q2032-04	TP-24	12	1.15	10.70	11.85	9.09	74.2	
Q2032-05	Q2032-04MS	13	1.15	10.70	11.85	9.09	74.2	
Q2032-06	Q2032-04MSD	14	1.15	10.70	11.85	9.09	74.2	
Q2032-07	TP-37	15	1.19	10.00	11.19	9.44	82.5	
Q2032-08	TP-32	16	1.17	10.08	11.25	9.92	86.8	
Q2034-01	L3-WC-1	17	1.14	10.24	11.38	10.11	87.6	
Q2034-02	L3-WC-1-EPH	18	1.18	10.23	11.41	10.22	88.4	
Q2034-03	L3-WC-1-VOC	19	1.15	10.10	11.25	10.19	89.5	
Q2034-04	L3-WC-1	20	1.14	10.24	11.38	10.11	87.6	
Q2034-05	L3-WC-2	21	1.17	10.18	11.35	9.88	85.6	
Q2034-06	L3-WC-2-EPH	22	1.18	10.71	11.89	10.47	86.7	
Q2034-07	L3-WC-2-VOC	23	1.19	10.52	11.71	10.46	88.1	
Q2034-09	L3-WC-3	24	1.14	10.26	11.4	9.65	82.9	
Q2034-10	L3-WC-3-EPH	25	1.14	10.26	11.4	10.11	87.4	
Q2034-11	L3-WC-3-VOC	26	1.19	10.53	11.72	10.39	87.4	
Q2034-13	L3-WC-4	27	1.18	10.51	11.69	10.26	86.4	
Q2034-14	L3-WC-4-EPH	28	1.15	10.42	11.57	10.23	87.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
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OvenID: M OVEN#1

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Weight Check 1.0g: 1.00
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BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2034-15	L3-WC-4-VOC	29	1.15	10.37	11.52	10.7	92.1	
Q2034-17	L3-WC-5	30	1.13	10.76	11.89	10.49	87.0	
Q2034-18	L3-WC-5-EPH	31	1.15	10.66	11.81	10.02	83.2	
Q2034-19	L3-WC-5-VOC	32	1.19	10.72	11.91	10.6	87.8	
Q2034-21	L3-WC-6	33	1.18	10.14	11.32	9.92	86.2	
Q2034-22	L3-WC-6-EPH	34	1.14	10.08	11.22	10.6	93.8	
Q2034-23	L3-WC-6-VOC	35	1.11	10.00	11.11	9.3	81.9	
Q2038-01	72-11991	36	1.15	10.56	11.71	10.81	91.5	
Q2039-01	TR-05-05142025	37	1.18	9.92	11.1	9.54	84.3	
Q2039-02	TR-05-05142025-E2	38	1.15	10.23	11.38	10.17	88.2	
Q2040-01	1	39	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-02	2	40	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-03	3	41	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-04	4	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-05	5	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-06	6	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-07	7	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2041-01	HIH359A-1-1	46	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-02	HIH359A-1-2	47	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-03	HIA9895-1-1	48	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-04	HIA9895-1-2	49	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-05	250-1-1	50	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-06	250-1-2	51	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-07	250-2-1	52	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-08	250-2-2	53	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-01	HEI570L-1-1	54	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-02	HEI570L-1-2	55	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-04	HEI570L-2-1	56	1.00	1.00	2.00	2.00	100.0	oilc



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
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Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2042-05	HEI570L-2-2	57	1.00	1.00	2.00	2.00	100.0	oilc
Q2043-01	281	58	1.18	10.26	11.44	9.29	79.0	
Q2043-02	281-E2	59	1.16	10.44	11.6	10.6	90.4	
Q2043-03	72-12000	60	1.19	10.35	11.54	8.15	67.2	
Q2043-04	72-12000-E2	61	1.11	10.38	11.49	6.56	52.5	
Q2044-01	3858	62	1.00	1.00	2.00	2.00	100.0	oil sample
Q2046-01	BC136902-1-1	63	1.00	1.00	2.00	2.00	100.0	oilc
Q2046-02	BC136902-1-2	64	1.00	1.00	2.00	2.00	100.0	oilc
Q2047-01	SU-04-051425	65	1.18	10.07	11.25	10.72	94.7	
Q2047-02	SU-04-051425-E2	66	1.18	10.37	11.55	10.9	93.7	
Q2048-01	L2-WC-1	67	1.19	10.47	11.66	10.29	86.9	
Q2048-02	L2-WC-1-EPH	68	1.19	10.30	11.49	9.87	84.3	
Q2048-03	L2-WC-1-VOC	69	1.18	10.31	11.49	10.17	87.2	
Q2048-05	L2-WC-2	70	1.16	10.26	11.42	9.82	84.4	
Q2048-06	L2-WC-2-EPH	71	1.17	10.13	11.3	9.06	77.9	
Q2048-07	L2-WC-2-VOC	72	1.18	10.42	11.6	9.88	83.5	
Q2048-09	L2-WC-3	73	1.17	10.15	11.32	9.02	77.3	
Q2048-10	L2-WC-3-EPH	74	1.18	10.07	11.25	9.17	79.3	
Q2048-11	L2-WC-3-VOC	75	1.17	10.49	11.66	9.94	83.6	
Q2048-13	L2-WC-4	76	1.11	10.64	11.75	10.24	85.8	
Q2048-14	L2-WC-4-EPH	77	1.19	10.13	11.32	10.04	87.4	
Q2048-15	L2-WC-4-VOC	78	1.13	10.07	11.2	9.81	86.2	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 135767

WorkList Name : %1-051425

WorkList ID : 189504

Department : Wet-Chemistry

Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2021-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-08	6	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2032-01	TP-11	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-02	TP-29	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-03	TP-29-99	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-04	TP-24	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-05	Q2032-04MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-06	Q2032-04MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-07	TP-37	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-08	TP-32	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2034-01	L3-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-02	L3-WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-03	L3-WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-04	L3-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-05	L3-WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO

Date/Time 05/14/25 15:10

Raw Sample Received by: JB WOC

Raw Sample Relinquished by: [Signature]

Date/Time 05/14/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

B 135767

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2034-06	L3-WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-07	L3-WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-09	L3-WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-10	L3-WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-11	L3-WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-13	L3-WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-14	L3-WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-15	L3-WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-17	L3-WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-18	L3-WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-19	L3-WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-21	L3-WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-22	L3-WC-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-23	L3-WC-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2038-01	72-11991	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2039-01	TR-05-05142025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/14/2025	Chemtech -SO
Q2039-02	TR-05-05142025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/14/2025	Chemtech -SO
Q2040-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-04	4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO

Date/Time 05-14-25 15:10 Date/Time 05-14-25 Date/Time 17:30
 Raw Sample Received by: SP WOC Raw Sample Received by: CP SR Raw Sample Received by: CP SR
 Raw Sample Relinquished by: CP SR Raw Sample Relinquished by: SP WOC

WORKLIST(Hardcopy Internal Chain)

23567

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2040-05	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-06	6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-07	7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2041-01	HIH359A-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-02	HIH359A-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-03	HIA9895-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-04	HIA9895-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-05	250-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-06	250-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-07	250-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-08	250-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2042-01	HEI570L-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-02	HEI570L-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-04	HEI570L-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-05	HEI570L-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2043-01	281	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2043-02	281-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2043-03	72-12000	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2043-04	72-12000-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2044-01	3858	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2046-01	BC136902-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO

Date/Time 05-14-25 13:10
 Raw Sample Received by: cl sm
 Raw Sample Relinquished by: cl sm

WORKLIST(Hardcopy Internal Chain)

87135767

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2046-02	BC136902-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2047-01	SU-04-051425	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/14/2025	Chemtech -SO
Q2047-02	SU-04-051425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/14/2025	Chemtech -SO
Q2048-01	L2-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-02	L2-WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-03	L2-WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-05	L2-WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-06	L2-WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-07	L2-WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-09	L2-WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-10	L2-WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-11	L2-WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-13	L2-WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-14	L2-WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-15	L2-WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO

Date/Time 05-14-25 15:10
 Raw Sample Received by: SP WOC
 Raw Sample Relinquished by: CL 5m
 Date/Time 05-14-25 17:30
 Raw Sample Received by: SP WOC
 Raw Sample Relinquished by: SP WOC

Preservation Log

BalanceID: VOA-SC-2

Review By: Amit

Supervise By: MMDadoda

Seq	LabID	Vial A Weight (g)	Vial A Time	Vial B Weight (g)	Vial B Time	Vial C Weight(g) with MeOH	Vial C Time	Methanol ID	Preservation Date	Comments
1	Q2021-02	5.26	12:00	5.63	12:01	5.24	12:02	V14143	05/14/2025	8260 JAR SAMPLE SAMPLE

Instructions : For medium Level analysis, 5ml MeOH added for CLP(SOM/SFAM) method and 10ml for regular 8260.

If the samples are not to be analyzed within 48hrs of sampling, preserve samples immediately, Vials A and B are stored in the VOA-FRZ-2.

Vial C - MeOH preserved vials are kept in VOA-REF #6.



SHIPPING DOCUMENTS

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2021	SCIA01	Order Date : 5/13/2025 12:38:10 PM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 38 Alexander Ave, Nutley N	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 5/13/2025 4:20:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor		Purchase Order :	Hard Copy Date :
Invoice Contact : Rosanne Scirica			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2021-02	VOC	Solid	05/12/2025	14:45 16:15	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :


5/14/25 0940

Received By :

Date / Time :


05/14/25 9:40 AM
B22

Storage Area : VOA Refridgerator Room